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* * * *

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| # | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |

# Monthly Weather Report

# JANUARY

Published by authority of the Government of India

**Chief features** :

(i) Intensification and movement of last month's cyclonic storm in the Bay of Bengal;

(ii) Spells of good rainfall in northeast and central India and in north Peninsula;

(iii) Unusual hailstorms in north Interior Mysore towards the end of the month causing loss of lives and damage to crops; and

(iv) Deficit precipitation over northwest India due to feeble activity of four western disturbances.

The cyclonic storm which was lying over the south Bay of Bengal on the last day of December 1965 recurved northwards and further intensified into a severe cyclonic storm by the evening of 2nd January with centre about 150 kms east of Nellore. Moving northnorth-eastwards it crossed the north Andhra coast near Vishakhapatnam on the morning of 3rd. Thereafter it rapidly weakened into a low pressure area by the morning of 4th and moved away northeastwards across Assam by 5th. Under its influence, heavy rains and gales occurred in north coastal Andhra Pradesh. Northeast India, east Madhya Pradesh and east Uttar Pradesh also received widespread rainfall with a few heavy falls in coastal Orissa. Some of the noteworthy amounts of rainfall recorded were: Vishakhapatnam 8 cm and Kalingapatnam 7 cm on 3rd and Puri and Gopalpur 7 cm each on 4th. Vishakhapatnam recorded a maximum wind speed of 128 km p.h. when the storm was crossing the coast on the morning of 3rd.

An upper air trough developed in the Arabian Sea off north Maharqshtra and south Gujarat coasts on 8th. Moving slowly eastwards it became well marked by 10th but later weakened over the central parts of the country and adjoining north Peninsula by 14th. Under its influence a spell of unusual rains occurred in Gujarat State, south Rajasthan, the central parts of the country and north Peninsula during the second week. Sironcha recorded 7 cm of rain on 12th and Khammam 8 cm and Bhadrachalam 5 cm on 13th. There were a few spells of rainfall in the south Peninsula during the second fortnight. North Peninsula also received another spell of good thundershowers towards the end of the month in association with an upper air trough. This trough developed over the north Peninsula on 27th and shifted westwards to the east central Arabian Sea off Maharashtra coast where it persisted till the end of the month. Sholapur recorded 5 cm of rain and Gadag 3 cm on 31st. According to press reports, 11 persons lost their lives, a few heads of cattle were lost and standing rabi crops were damaged due to hailstorms in Dharwar district on 30th.The following extracts from the report of the Deputy Commissioner, Dharwar is of interest in this connection :-

"on 30.1.1966, at about 3.30 p.m. there was a heavy storm which was followed by rain and hailstones which fell on a tract covering about 8 villages in Mundargi Taluka (Tahsil) and two villages in Gadag Taluka (Tahsil) in this district. The area affected is a strip, a few furlongs wide and 4 to 5 miles in length. The hailstones fell for about 25 minutes and were reported to be of the size of lime fruit. Local reports also indicate that the hailstones fell so fast that several fields were covered to the height of 3 to 4'. The rain stopped at about 5.30 p.m. and was followed by clear sunshine. 11 people lost their lives. The cause of death was injury from the falling of hailstones and freezing in the case of those who sat in the fields in the hope of avoiding direct hits. No damages to dwelling houses have been reported and no case of loss of life due to falling of structures. There has been considerable loss of animal life, to the extent of about 400 heads of cattle, sheep, fowl, etc. Many of these were reported to have been buried in heaps of hailstones. The crops have been completely damaged over an area of about 6,000 acres".

Four western disturbances affected northwest India during the month; but most of them were feeble and hence the precipitation over these parts were highly deficient. The first disturbance lying over West Pakistan on 2nd moved away eastwards across the Western Himalayas by 4th causing a few light showers in west Uttar Pradesh. Another feeble western disturbance which was lying over Afghanistan and adjoining West Pakistan on 15th moved away eastnortheastwards across the extreme northern parts of the country by 17th causing

a few light showers of rain or snow in Jammu and Kashmir. The third disturbance was also feeble and moving eastwards across the extreme north of the country caused isolated very light showers in Jammu and Kashmir on 22nd. In association with the last western disturbance which followed immediately, a low pressure area formed over south Rajasthan and adjoining Gujarat State on 24th. Moving eastwards, it weakened and became unimportant over northeast India by 28th. Under its influence, thundershowers occurred at most places in north and central India in the course of the last week.

Night temperatures were below normal in the central parts of the country, Gujarat State and northwestern parts of the Peninsula on most of the days during the first week, being appreciably to markedly so in northwest Peninsula. They were also below normal during the third week over Uttar Pradesh and northeast India and from 12th to 23rd over northwest India. Night temperatures were generally above normal over Gujarat State and over most parts of the Peninsula after the first week and over the central parts of the country from 10th to 19th.

The total rainfall for the month was in large excess in West Bengal, Orissa and Bihar Plateau, Madhya Maharashtra, Vidarbha, Andhra Pradesh and North Interior Mysore, in moderate excess in South Assam, Bihar Plains, Marathwada and Coastal Mysore and in slight excess in the Bay Islands. It was normal in East Madhya Pradesh, in slight defect in North Assam, in moderate defect in East Uttar Pradesh, Saurashtra and Kutch and Madras State and in large defect over the rest of the country outside Himachal Pradesh and Konkan where there was no rain.

Mean maximum temperature was above normal in Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan and Gujarat State and below normal in Orissa, Bihar Plateau and Marathwada and normal over the rest of the country.

Mean minimum temperature was above normal in Gujarat Region, Telangana, Rayalaseema, and south Interior Mysore and below normal in West Uttar Pradesh and Himachal Pradesh. It was normal over the rest of the country.

Mean Relative Humidity in the morning was above normal in Orissa and North Interior Mysore and below normal in Punjab, Himachal Pradesh, Rajasthan, West Madhya Pradesh and Gujarat Region. It was normal over the rest of the country. Mean Relative Humidity in the evening was above normal in South Assam, Gangetic West Bengal, Orissa, Bihar Plains, Telangana, Rayalaseema, Madras and Interior Mysore and below normal in West Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, West Madhya Pradesh and Gujarat. It was normal over the rest of the country.

Mean cloud amount in the morning was above normal in South Assam, Sub-Himalayan West Bengal, Orissa, East Madhya Pradesh, Maharashtra State, Andhra Pradesh, Madras and Mysore States and below normal in North Assam, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir and Rajasthan. It was normal over the rest of the country. Mean cloud amount in the evening was above normal in South Assam, Gangetic West Bengal, Orissa, Madhya Pradesh (East), Konkan, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh, Telangana, Rayalaseema, Interior Mysore and Kerala and below normal in North Assam, West Uttar Pradesh, Punjab, Himachal Pradesh and Rajasthan. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 31 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST of the date given in the succeeding column.

Poona-5.

12th April 1966.

R. ANANTHAKRISHNAN

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 20.4 | 96 | 24.2 | 10.2 | 84 | 73 | 2.6 | 2.4 |
| | - 0.8 | | +0.4 | +0.0 | + 3 | + 3 | -0.0 | +0.1 |
| 2.WEST BENGAL | 33.3 | 243 | 25.1 | 12.2 | 75 | 62 | 2.3 | 2.3 |
| | + 19.6 | | -0.4 | +0.0 | + 3 | + 5 | +0.6 | +0.6 |
| 3.ORISSA | 55.3 | 455 | 26.3 | 13.5 | 76 | 62 | 3.2 | 3.5 |
| | + 43.2 | | -1.3 | -0.9 | + 6 | +10 | +1.5 | +1.6 |
| 4.BIHAR | 33.2 | 164 | 23.7 | 9.7 | 77 | 59 | 2.1 | 2.1 |
| | + 13.0 | | -0.6 | -0.8 | + 4 | + 5 | +0.2 | +0.1 |
| 5.UTTAR PRADESH | 9.7 | 36 | 23.5 | 7.3 | 75 | 51 | 1.3 | 1.5 |
| | - 17.4 | | +1.5 | -0.9 | - 4 | - 4 | -1.0 | -0.7 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) | 1.1 | 2 | 23.1 | 4.6 | 73 | 42 | 1.4 | 1.5 |
| | - 43.3 | | +3.2 | -1.1 | -10 | -12 | -1.8 | -1.5 |
| 7.JAMMU AND KASHMIR | 1.1 | 2 | 13.1 | -8.0 | 69 | 69 | 3.9 | 4.9 |
| | - 47.6 | | +1.7 | +0.1 | - 4 | - 9 | -1.5 | -0.4 |
| 8.RAJASTHAN | 0.5 | 6 | 26.1 | 7.9 | 59 | 32 | 1.3 | 1.4 |
| | - 7.0 | | +2.9 | +0.5 | - 8 | - 7 | -0.4 | -0.6 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH | 12.5 | 74 | 26.1 | 10.1 | 63 | 37 | 2.3 | 2.3 |
| | - 4.4 | | +0.3 | -0.3 | - 4 | - 2 | +0.3 | +0.1 |
| 10.GUJARAT STATE | 0.6 | 39 | 29.9 | 13.6 | 51 | 32 | 1.4 | 1.4 |
| | - 1.0 | | +1.8 | +1.2 | - 5 | - 2 | +0.0 | +0.1 |
| 11.MAHARASHTRA STATE | 9.7 | 178 | 29.5 | 15.4 | 63 | 40 | 3.0 | 3.0 |
| | + 4.3 | | -0.1 | +0.0 | + 2 | - 0 | +1.4 | +1.2 |
| 12.ANDHRA PRADESH | 28.9 | 462 | 29.4 | 18.7 | 77 | 54 | 4.0 | 3.7 |
| | + 22.6 | | -0.1 | +1.2 | + 2 | + 4 | +1.8 | +1.5 |
| 13.MADRAS STATE | 20.9 | 57 | 29.7 | 21.5 | 82 | 65 | 4.6 | 4.3 |
| | - 15.8 | | +0.4 | +0.9 | + 3 | + 4 | +0.8 | +0.6 |
| 14.MYSORE | 5.8 | 162 | 29.8 | 17.8 | 73 | 44 | 3.7 | 4.0 |
| | + 2.2 | | +0.2 | +0.9 | + 5 | + 4 | +1.5 | +1.6 |
| 15.KERALA | 4.8 | 28 | 32.1 | 22.4 | 75 | 60 | 3.1 | 3.9 |
| | - 12.4 | | +0.2 | +0.3 | + 2 | + 2 | +0.1 | +0.7 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS | 102.9 | 111 | 30.1 | 24.3 | 78 | 79 | 4.4 | 4.4 |
| | + 9.8 | | +0.7 | +0.5 | + 1 | - 1 | -0.1 | -0.4 |
| 2.NORTH ASSAM (INCLUDING NEFA) | 20.1 | 86 | 24.5 | 10.2 | 85 | 73 | 2.1 | 1.9 |
| | - 3.3 | | +0.8 | -0.2 | + 2 | - 0 | -0.9 | -0.6 |
| 3.SOUTH ASSAM (INCLUDING N.LANDETC) | 21.2 | 130 | 23.7 | 10.3 | 83 | 72 | 3.6 | 3.4 |
| | + 4.9 | | -0.4 | +0.4 | + 5 | + 9 | +1.7 | +1.4 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 27.1 | 245 | 24.9 | 11.0 | 81 | 66 | 1.8 | 1.7 |
| | + 16.0 | | +1.0 | +0.9 | + 2 | + 1 | -0.1 | -0.3 |
| 5.GANGETIC,WEST-BENGAL. | 35.3 | 242 | 25.2 | 12.7 | 73 | 61 | 2.4 | 2.6 |
| | + 20.8 | | -0.9 | -0.3 | + 3 | + 7 | +0.9 | +0.9 |
| 6.ORISSA | 55.3 | 455 | 26.3 | 13.5 | 76 | 62 | 3.2 | 3.5 |
| | + 43.2 | | -1.3 | -0.9 | + 6 | +10 | +1.5 | +1.6 |
| 7.BIHAR PLATEAU. | 41.4 | 209 | 23.6 | 10.1 | 72 | 52 | 2.1 | 2.4 |
| | + 21.6 | | -1.2 | -0.8 | + 5 | + 3 | +0.2 | +0.3 |
| 8.BIHAR PLAINS. | 27.9 | 136 | 23.7 | 9.3 | 81 | 65 | 2.1 | 1.9 |
| | + 7.4 | | -0.2 | -0.7 | + 3 | + 6 | +0.2 | +0.0 |
| 9.UTTAR PRADESH, (EAST). | 12.5 | 56 | 24.2 | 8.2 | 78 | 55 | 1.6 | 1.7 |
| | - 9.9 | | +1.1 | -0.7 | - 3 | - 2 | -0.6 | -0.4 |
| 10.UTTAR PRADESH, (WEST). | 5.8 | 17 | 22.5 | 6.0 | 71 | 46 | 1.0 | 1.2 |
| | - 28.4 | | +2.0 | -1.1 | - 5 | - 7 | -1.6 | -1.4 |
| 11.PUNJAB(INCLUDING DELHI). | 1.3 | 4 | 23.4 | 5.2 | 71 | 41 | 1.4 | 1.4 |
| | - 36.0 | | +3.2 | -0.7 | -10 | -12 | -1.3 | -1.3 |
| 12.HIMACHAL PRADESH | 0.0 | 0 | 21.8 | 1.7 | 82 | 46 | 1.2 | 1.6 |
| | - 79.6 | | +3.3 | -3.0 | -14 | -14 | -4.6 | -2.6 |
| 13.JAMMU AND KASHMIR. | 1.1 | 2 | 13.1 | -8.0 | 69 | 69 | 3.9 | 4.9 |
| | - 47.6 | | +1.7 | +0.1 | - 4 | - 9 | -1.5 | -0.4 |
| 14.RAJASTHAN(WEST). | 0.3 | 6 | 26.7 | 8.0 | 55 | 31 | 1.2 | 1.4 |
| | - 5.5 | | +3.6 | +0.7 | - 9 | - 6 | -0.9 | -0.6 |
| 15.RAJASTHAN(EAST). | 0.6 | 7 | 25.6 | 7.8 | 62 | 34 | 1.4 | 1.4 |
| | - 8.3 | | +2.4 | +0.4 | - 7 | - 8 | -0.5 | -0.6 |
| 16.MADHYA PRADESH (WEST). | 5.4 | 41 | 26.6 | 9.9 | 57 | 31 | 1.9 | 1.8 |
| | - 7.9 | | +0.9 | -0.2 | - 7 | - 4 | -0.2 | -0.4 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH (EAST). | 22.1 | 101 | 25.6 | 10.3 | 70 | 44 | 3.0 | 2.9 |
| | + 0.2 | | -0.6 | -0.5 | - 1 | + 1 | +1.0 | +0.8 |
| 18.GUJARAT REGION | 0.7 | 28 | 30.7 | 14.0 | 52 | 28 | 1.4 | 1.3 |
| | - 1.7 | | +1.5 | +1.5 | - 7 | - 4 | -0.1 | -0.1 |
| 19.SAURASHTRA KUTCH (INCLUDING DIU) | 0.6 | 51 | 29.3 | 13.4 | 51 | 35 | 1.4 | 1.4 |
| | - 0.6 | | +2.0 | +1.0 | - 4 | - 1 | +0.1 | +0.1 |
| 20.KONKAN (INCLUDING GOA) | 0.0 | 0 | 30.1 | 19.5 | 71 | 60 | 2.2 | 2.0 |
| | - 1.7 | | +0.5 | +0.3 | + 4 | - 1 | +0.7 | +0.6 |
| 21.MADHYAMAHARASHTRA | 6.7 | 171 | 30.2 | 13.6 | 59 | 31 | 3.2 | 3.1 |
| | + 2.8 | | -0.1 | -0.0 | + 2 | + 1 | +1.7 | +1.2 |
| 22.MARATHWADA. | 7.5 | 128 | 28.3 | 13.8 | 55 | 29 | 4.1 | 3.8 |
| | + 1.6 | | -1.2 | +1.0 | + 4 | - 1 | +2.5 | +1.8 |
| 23.VIDARBHA. | 23.9 | 218 | 28.4 | 14.0 | 62 | 36 | 3.2 | 3.5 |
| | + 12.9 | | -0.4 | -0.4 | - 1 | + 0 | +1.4 | +1.6 |
| 24.COASTAL ANDHRA PRADESH. | 28.3 | 372 | 28.8 | 19.5 | 79 | 65 | 3.8 | 3.8 |
| | + 20.7 | | -0.0 | +0.9 | + 1 | + 2 | +1.5 | +1.6 |
| 25.TELANGANA. | 38.5 | 918 | 29.6 | 17.7 | 76 | 45 | 4.3 | 3.6 |
| | + 34.3 | | -0.5 | +1.4 | + 3 | + 8 | +2.3 | +1.5 |
| 26.RAYALASEEMA. | 13.4 | 196 | 30.2 | 18.9 | 74 | 45 | 3.9 | 3.9 |
| | + 6.6 | | +0.3 | +1.7 | + 3 | + 3 | +1.7 | +1.2 |
| 27.MADRAS STATE. | 20.9 | 57 | 29.7 | 21.5 | 82 | 65 | 4.6 | 4.3 |
| | - 15.8 | | +0.4 | +0.9 | + 3 | + 4 | +0.8 | +0.6 |
| 28.COASTAL MYSORE | 3.5 | 140 | 30.6 | 21.4 | 74 | 60 | 3.2 | 2.7 |
| | + 1.0 | | -1.0 | +1.0 | + 3 | + 1 | +1.0 | +0.7 |
| 29.INTERIOR MYSORE. (NORTH). | 11.6 | 298 | 29.9 | 16.7 | 67 | 38 | 3.8 | 4.4 |
| | + 7.7 | | +0.1 | +0.5 | + 6 | + 5 | +2.2 | +2.1 |
| 30.INTERIOR MYSORE. (SOUTH). | 1.8 | 47 | 29.4 | 17.0 | 78 | 40 | 4.0 | 4.3 |
| | - 2.0 | | +0.8 | +1.3 | + 4 | + 5 | +1.1 | +1.7 |
| 31.KERALA. | 4.8 | 28 | 32.1 | 22.4 | 75 | 60 | 3.1 | 3.9 |
| | - 12.4 | | +0.2 | +0.3 | + 2 | + 2 | +0.1 | +0.7 |
| 32.ARABIANSEAISLANDS | 10.9 | 34 | 30.9 | 23.7 | 78 | 68 | 3.7 | 4.3 |
| | - 21.0 | | +0.4 | +0.4 | + 1 | - 4 | +0.4 | +0.3 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 29.2 | +1.4 | 30.4 | 17 | 23.3 | +0.8 | 20.3 | 18 | 6.2 | 38.3 | + 19.9 | 31.7 | 26 | 2 | + 1.0 | 13.9 | 10.2 | +1.3 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Long Island (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Port Blair | 30.7 | +1.5 | 32.6 | 26 | 22.9 | +0.2 | 18.2 | 18 | 21.0 | 70.0 | + 18.9 | 29.6 | 27 | 3 | + 0.8 | 9.4 | 8.3 | -5.1 | 0 | 8 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Car Nicobar | 29.9 | +0.1 | 30.8 | 23 | 25.0 | +0.6 | 19.9 | 05 | 27.9 | 80.3 | - 8.4 | 26.8 | 26 | 5 | + 0.4 | 7.6 | 6.6 | -0.5 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 31.8 | +0.1 | 33.2 | 16 | 24.8 | +0.5 | 22.7 | 19 | 78.0 | 158.6 | + 20.4 | 40.6 | 25 | 11 | + 2.7 | 2.7 | 1.8 | +1.2 | 0 | 14 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 28.7 | +0.4 | 30.3 | 27 | 25.5 | +0.2 | 23.5 | 06 | 140.4 | 167.2 | - 1.8 | 70.8 | 14 | 8 | - 2.0 | .. | .. | .. | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 23.9 | +0.9 | 26.4 | 27 | 10.7 | -2.3 | 8.8 | 18 | 11.8 | 16.2 | - 32.6 | 7.2 | 06 | 2 | - 2.1 | 9.3 | 13.9 | -0.6 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 24.3 | +1.8 | 26.1 | 27 | 8.5 | -0.6 | 6.8 | 31 | 3.2 | 8.4 | - 35.2 | 5.2 | 04 | 2 | - 2.7 | 4.8 | 2.4 | +0.3 | 0 | 2 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| Digboi (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| North Lakhimpur | 24.4 | +1.6 | 25.9 | 15 | 7.7 | -1.2 | 6.2 | 29 | 5.0 | 18.2 | - 20.9 | 13.0 | 04 | 2 | - 1.3 | 3.6 | 2.0 | .. | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Sibsagar | 24.5 | +1.8 | 26.1 | 23 | 10.2 | +0.3 | 8.0 | 29 | 15.2 | 17.7 | - 12.8 | 9.7 | 04 | 2 | - 1.2 | 2.8 | 2.2 | -0.5 | 0 | 3 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 |
| Gohpur | 23.0 | -0.1 | 24.6 | 23 | 7.6 | -1.4 | 5.6 | 29 | 3.4 | 23.6 | - 0.7 | 20.2 | 04 | 2 | - 0.3 | 3.1 | 2.3 | .. | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Majbat | 25.0 | .. | 26.7 | 31 | .. | .. | .. | .. | 8.0 | 37.0 | + 17.0 | 25.0 | 04 | 2 | + 0.0 | 3.6 | 2.4 | -0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 24.1 | .. | 26.0 | 14 | 10.0 | .. | 7.8 | 30 | 13.0 | 23.9 | .. | 13.0 | 05 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| Tangla | 26.5 | +1.8 | 27.4 | 17 | 11.9 | +1.7 | 9.2 | 01 | 8.4 | 9.9 | - 8.4 | 8.4 | 05 | 1 | - 0.9 | 2.1 | 1.5 | +0.1 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 25.2 | +1.5 | 26.5 | 24 | 14.7 | +3.3 | 13.6 | 16 | 10.3 | 32.4 | + 17.4 | 22.1 | 04 | 3 | + 1.5 | 3.2 | 2.5 | +0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 24.4 | +1.1 | 26.1 | 25 | 9.2 | -2.4 | 6.9 | 30 | 7.8 | 9.0 | - 10.2 | 4.8 | 05 | 2 | - 0.5 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rahgla | 24.9 | +0.0 | 28.4 | 26 | 10.7 | +0.4 | 9.5 | 22 | 14.9 | 42.2 | + 18.1 | 27.3 | 04 | 3 | + 1.2 | 5.3 | 3.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 24.6 | +0.0 | 26.5 | 26 | 11.5 | +0.6 | 9.4 | 30 | 0.0 | 7.2 | + 2.4 | 7.2 | 04 | 1 | + 0.3 | 3.9 | 3.5 | .. | 0 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Goalpara | 24.8 | -0.2 | 26.6 | 31 | 7.7 | -2.8 | 4.9 | 04 | 2.0 | 28.2 | + 5.6 | 24.0 | 04 | 2 | + 0.6 | 1.1 | 2.1[a] | -0.2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 23.9 | +0.5 | 25.4 | 31 | 10.6 | +0.8 | 8.6 | 29 | 10.6 | 23.9 | + 8.3 | 11.5 | 04 | 3 | + 1.5 | 4.5 | 2.5 | .. | 0 | 4 | 0 | 0 | 1 | 19 | 0 | 0 | 0 | 0 |
| Dhubri (Rupsi) | 24.6 | +0.3 | 26.3 | 31 | 10.9 | +0.8 | 8.5 | 17 | 1.4 | 25.6 | + 1.1 | 20.0 | 04 | 2 | + 0.2 | 7.1 | 5.4 | +2.7 | 0 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Dhubri | 23.7 | +0.8 | 25.9 | 31 | 12.0 | +0.2 | 10.4 | 18 | 0.0 | 14.4 | + 6.0 | 12.0 | 04 | 1 | + 0.3 | 6.4 | 8.4 | +4.0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Lumding | 24.3 | +0.4 | 26.6 | 31 | 8.7 | +0.1 | 6.2 | 29 | 6.2 | 7.4 | - 7.6 | 6.2 | 05 | 1 | - 0.4 | 2.9 | 1.8 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 24.2 | +0.6 | 25.9 | 10 | 13.6 | +1.3 | 12.1 | 18 | 1.3 | 21.9 | + 11.9 | 18.2 | 04 | 1 | - 0.5 | 4.3[a] | 5.6[a] | +0.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 18.3 | -2.7 | 20.0 | 27 | 9.5 | -0.9 | 7.3 | 06 | 23.2 | 30.2 | + 4.4 | 27.0 | 05 | 2 | + 0.4 | 4.4 | 2.4 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 25.1 | -1.0 | 26.7 | 21 | 12.2 | +0.4 | 10.4 | 29 | 14.7 | 17.7 | + 1.6 | 16.7 | 05 | 1 | - 0.6 | 5.2 | 7.8 | +0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 25.9 | +0.4 | 27.7 | 01 | 12.1 | +0.4 | 9.1 | 30 | 13.0 | 15.6 | - 5.0 | 13.2 | 05 | 1 | - 0.4 | 2.5 | 1.3 | -0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 21.7 | +0.0 | 23.3 | 27 | 2.6 | -1.0 | 0.3 | 29 | 14.8 | 20.6 | + 3.3 | 16.7 | 05 | 2 | + 0.3 | 4.3 | 2.8 | -2.1 | 0 | 2 | 0 | 0 | 1 | 12 | 0 | 0 | 0 | 0 |
| Kailashahar | 25.3 | -0.9 | 27.3 | 02 | 11.3 | +2.0 | 8.1 | 22 | 29.8 | 33.1 | + 26.2 | 30.0 | 05 | 2 | + 1.5 | 3.5 | 2.0 | +0.1 | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| Agartala | 26.2 | +0.6 | 29.0 | 02 | 10.8 | +0.5 | 7.5 | 18 | 4.6 | 9.0 | - 8.2 | 4.6 | 05 | 2 | + 0.7 | 6.3 | 3.1 | -0.6 | 0 | 2 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 25.3 | +1.3 | 26.7 | 30 | 9.0 | +0.3 | 6.5 | 21 | 12.2 | 34.2 | + 15.3 | 23.0 | 05 | 2 | + 0.4 | 7.4 | 6.8 | +3.1 | 1 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 24.9 | +1.5 | 26.6 | 30 | 12.1 | +1.3 | 10.4 | 17 | 0.2 | 11.6 | + 4.7 | 6.8 | 04 | 2 | + 1.4 | 5.6 | 4.2 | + 9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 24.7 | +0.7 | 26.4 | 21 | 10.5 | +0.4 | 8.7 | 20 | 0.8 | 21.8 | + 14.2 | 14.8 | 04 | 2 | + 1.4 | 4.8 | 2.3 | -0.2 | 0 | 3 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| Balurghat | 25.4 | .. | 27.0 | 21 | 11.1 | .. | 7.7 | 15 | 2.4 | 37.4 | .. | 32.8 | 04 | 2 | .. | 3.0 | 2.4 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malda | 24.6 | +0.4 | 27.0 | 01 | 12.2 | +1.4 | 9.2 | 19 | 0.9 | 40.8 | + 29.9 | 34.5 | 04 | 2 | + 1.1 | 2.9 | 1.9 | -2.5 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 24.9 | -0.8 | 26.9 | 25 | 12.4 | +0.6 | 9.4 | 18 | 4.2 | 31.6 | + 22.5 | 29.6 | 04 | 1 | + 0.0 | 2.8 | 1.6 | +0.2 | 0 | 2 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| Suri | 24.6 | -0.7 | 26.3 | 26 | 12.8 | +0.1 | 8.6 | 16 | .. | 47.4 | + 14.7 | 43.4 | 04 | 2 | + 0.4 | . | 4.9 | -0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 25.6 | -0.1 | 27.6 | 25 | 11.2 | -1.0 | 7.0 | 17 | 7.6 | 45.6 | + 29.1 | 42.4 | 04 | 2 | + 0.7 | 8.1 | 4.7 | -0.6 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 24.9 | .. | 27.0 | 25 | 12.1 | .. | 8.7 | 20 | 10.9 | 38.0 | .. | 35.9 | 04 | 1 | .. | 6.9 | 6.3 | .. | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Krishnanagar | 25.9 | -0.9 | 28.3 | 29 | 10.7 | -0.4 | 7.0 | 19 | 29.0 | 39.0 | + 26.5 | 39.0 | 04 | 1 | + 0.0 | 1.5 | 1.3 | -0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 24.3 | -1.1 | 27.1 | 26 | 11.9 | -0.9 | 9.6 | 18 | 12.8 | 36.6 | + 27.7 | 34.8 | 04 | 1 | - 0.1 | 5.5 | 3.7 | +0.6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bankura | 25.6 | .. | 27.6 | 19 | 12.4 | .. | 9.4 | 17 | 21.0 | 50.3 | + 32.0 | 41.3 | 04 | 3 | + 1.7 | 5.3 | 4.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 25.5 | -0.7 | 27.5 | 27 | 13.7 | +1.0 | 10.1 | 17 | 14.5 | 41.0 | + 27.5 | 40.5 | 04 | 1 | - 0.1 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 25.5 | .. | 28.0 | 27 | 12.3 | .. | 8.3 | 19 | 17.8 | 29.9 | .. | 27.8 | 04 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 25.4 | -1.0 | 28.2 | 29 | 12.7 | +0.4 | 9.2 | 17 | 12.8 | 25.4 | + 16.8 | 23.4 | 04 | 1 | - 0.1 | 4.9 | 2.5 | -1.6 | 0 | 2 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| Calcutta | 25.9 | -0.9 | 28.3 | 28 | 13.7 | +0.1 | 10.2 | 17 | 13.5 | 25.4 | + 13.5 | 23.2 | 04 | 1 | + 0.1 | 7.0 | 3.9 | +1.1 | 1 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Midnapore | 25.1 | -1.8 | 28.5 | 27 | 11.6 | -1.5 | 7.4 | 17 | 13.6 | 34.3 | + 19.1 | 27.2 | 04 | 2 | + 0.9 | 5.4 | 3.6 | +0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contai | 25.7 | -0.9 | 27.9 | 31 | 13.0 | -1.5 | 9.8 | 20 | 12.4 | 25.6 | + 12.1 | 16.4 | 04 | 2 | + 1.0 | 4.3 | 2.8 | -1.3 | 0 | 2 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| Sagar Island | 24.3 | -0.7 | 26.4 | 30 | 15.8 | +0.0 | 13.2 | 06 | 12.5 | 21.9 | + 7.7 | 17.0 | 04 | 2 | + 1.0 | 14.1 | 10.9 | -0.4 | 1 | 2 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 |
| Sandheads | 24.9 | .. | 27.4 | 24 | 19.7 | .. | 14.2 | 09 | 11.0 | 45.7 | + 38.1 | 39.2 | 04 | 3 | + 2.3 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 26.0 | -2.4 | 29.5 | 27 | 12.3 | -0.2 | 8.7 | 17 | 20.5 | 51.5 | + 30.1 | 34.0 | 04 | 2 | + 0.6 | 3.8 | 1.9 | +0.1 | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Jharsuguda | 26.1 | -1.5 | 30.0 | 26 | 11.7 | -1.0 | 7.4 | 01 | 32.5 | 48.1 | + 32.6 | 29.7 | 04 | 3 | + 1.7 | 7.8 | 6.1 | +0.3 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Keonjhargarh | 23.8 | -1.9 | 27.4 | 28 | 12.6 | +0.4 | — | — | 27.1 | 50.6 | + 40.2 | 39.0 | 04 | 2 | + 0.6 | 4.4 | 2.9 | -0.8 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | | | |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | | |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balasore | 25.8 | -1.3 | 28.3 | 25 | 12.2 | -1.9 | 8.4 | 22 | 21.6 | 52.9 | + 33.8 | 34.5 | 04 | 2 | + 0.8 | 5.0 | 2.4 | -1.6 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Sambalpur | 26.5 | -1.7 | 30.1 | 4 | 12.3 | -0.3 | 7.4 | 02 | 0.1 | 3.0 | - 13.3 | 1.2 | 04 | 0 | - 1.0 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Angul | 26.0 | -1.7 | 29.7 | 26 | 12.0 | -1.8 | 7.8 | 22 | 18.6 | 52.8 | + 40.3 | 20.4 | 04 | 5 | + 4.0 | 4.0 | 3.3 | -2.1 | 0 | 6 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | | | |
| Chandbali | 25.8 | -1.2 | 28.9 | 28 | 13.7 | -1.1 | 9.6 | 22 | 34.8 | 67.4 | + 55.7 | 47.8 | 04 | 2 | + 1.0 | 7.2 | 4.4 | -1.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Bolangir | 26.5 | -1.8 | 30.7 | 27 | 13.2 | -0.9 | 7.5 | 01 | 6.4 | 26.4 | + 21.0 | 10.6 | 03 | 3 | + 2.2 | 4.7 | 3.8 | +0.2 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| Phulbani | 25.4 | .. | 29.0 | 27 | 10.4 | .. | 5.9 | 22 | 17.8 | 35.9 | .. | 7.2 | 30 | 7 | .. | 3.5 | 1.7 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Cuttack | 27.6 | -1.3 | 31.3 | 25 | 14.6 | -1.1 | 10.6 | 21 | 54.0 | 77.4 | + 66.2 | 57.6 | 04 | 2 | + 1.1 | 3.7 | 2.8 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Titlagarh | 29.7 | +1.0 | 31.6 | 29 | 13.9 | +0.2 | 7.8 | 01 | 9.6 | 20.4 | + 13.4 | 13.2 | 12 | 2 | + 1.4 | 3.9 | 2.4 | +0.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Bhubaneswar | 26.7 | -1.9 | 30.6 | 28 | 14.8 | -1.1 | 10.9 | 22 | 50.8 | 87.6 | + 76.0 | 50.8 | 04 | 3 | + 2.3 | 10.7 | 3.1 | -1.0 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | | |
| Puri | 26.3 | -0.6 | 28.0 | 12 | 16.2 | -1.7 | 12.9 | 21 | 73.8 | 114.4 | +102.2 | 73.8 | 04 | 2 | + 1.2 | 12.3 | 11.1 | -0.8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Gopalpur | 26.1 | -1.3 | 28.4 | 29 | 16.3 | -0.6 | 12.5 | 22 | 65.2 | 99.1 | + 90.5 | 65.2 | 04 | 4 | + 3.3 | 13.3 | 9.3 | -0.2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Koraput | 24.9 | -0.3 | 27.8 | 29 | .. | .. | .. | .. | 0.0 | 22.6 | + 15.5 | 13.8 | 31 | 2 | + 1.8 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 24.7 | -0.6 | 27.7 | 26 | 10.8 | +0.2 | 7.9 | 22 | 3.4 | 47.4 | + 31.4 | 36.4 | 04 | 2 | + 0.7 | 5.8 | 3.4 | +0.5 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | |
| Daltonganj | 24.4 | +0.0 | 28.8 | 26 | 9.1 | -0.3 | 4.6 | 22 | 6.2 | 18.4 | - 8.5 | 18.4 | 04 | 1 | - 1.0 | 3.6 | 2.8 | -0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Hazaribagh | 21.6 | -1.2 | 24.9 | 25 | 8.1 | -1.5 | 4.6 | 23 | 10.6 | 31.2 | + 5.0 | 26.8 | 04 | 2 | - 0.1 | 9.2 | 7.1 | +0.2 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | | |
| Dhanbad | 24.3 | -0.4 | 26.3 | 26 | 12.1 | +0.0 | 9.2 | 20 | 5.0 | 38.8 | + 26.6 | 32.4 | 04 | 2 | + 1.0 | 4.4 | 3.8 | -2.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| Ranchi | 21.1 | -2.5 | 25.1 | 26 | 8.1 | -1.8 | 4.6 | 22 | 42.0 | 70.0 | + 43.3 | 58.0 | 04 | 2 | + 0.0 | 3.6 | 2.8 | -0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Ranchi Aerodrome | 21.7 | -1.5 | 24.7 | 24 | 10.1 | -0.7 | 6.1 | 22 | 24.0 | 92.1 | + 73.9 | 84.0 | 04 | 2 | + 0.2 | 6.1 | 7.5 | -0.3 | 1 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | | | |
| Jamshedpur | 25.2 | -1.5 | 28.0 | 19 | 10.8 | -1.0 | 6.7 | 22 | 10.2 | 25.7 | + 8.9 | 24.2 | 04 | 1 | - 0.4 | 5.2 | 3.2 | +0.1 | 0 | 3 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | | | |
| Jamshedpur (P.B.O.) | 24.7 | -1.6 | 27.5 | 26 | 11.3 | -0.9 | 6.6 | 22 | 8.8 | 25.8 | + 11.7 | 23.0 | 04 | 1 | - 0.7 | 6.3 | 3.5 | +0.0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Chaibasa | 24.9 | -1.6 | 28.2 | 26 | 10.5 | -1.5 | 6.7 | 22 | 8.4 | 22.8 | + 1.7 | 15.6 | 04 | 2 | + 0.3 | 2.9 | 1.8 | +0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 23.2 | +0.3 | 25.4 | 01 | 7.4 | -1.5 | 3.2 | 19 | 16.3 | 51.7 | + 34.4 | 22.5 | 04 | 3 | + 1.5 | 3.9[a] | 2.2 | +0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Forbesganj | 23.7 | -1.2 | 26.0 | 01 | 9.5 | +0.4 | 6.7 | 17 | 10.6 | 30.8 | - 2.9 | 12.8 | 05 | 4 | + 2.4 | 2.8 | 1.3 | -2.8 | 0 | 4 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | | | |
| Darbhanga | 22.3 | -1.3 | 26.4 | 01 | 10.3 | +0.3 | 7.3 | 19 | 9.7 | 24.5 | + 13.8 | 14.4 | 04 | 2 | + 1.1 | 2.3 | 1.9 | +0.2 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | |
| Muzaffarpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 33.1 | + 18.1 | 31.0 | 04 | 1 | - 0.2 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Chapra | 24.1 | .. | 26.5 | 26 | 10.8 | .. | 8.3 | 19 | 4.7 | 29.3 | + 16.6 | 22.6 | 04 | 2 | + 0.7 | 2.1 | 1.8 | .. | 0 | 3 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | | | |
| Purnea | 24.5 | +0.2 | 26.5 | 01 | 7.5 | -1.3 | 4.3 | 19 | 2.4 | 13.6 | + 5.0 | 9.4 | 04 | 2 | + 1.3 | 2.8 | 1.3[a] | -1.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Patna | 23.9 | +0.3 | 26.9 | 26 | 9.4 | -1.6 | 6.6 | 21 | 5.4 | 31.4 | + 15.9 | 27.4 | 04 | 1 | - 0.4 | 4.8 | 4.5 | -0.6 | 0 | 3 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | | | |
| Patna Aerodrome | 23.5 | +0.2 | 25.5 | 24 | 9.1 | -0.8 | 6.2 | 20 | 6.4 | 29.5 | + 1.1 | 25.7 | 04 | 1 | - 0.3 | 6.5 | 3.2 | -0.4 | 0 | 3 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | | | |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2.7 | - 15.7 | 2.7 | 04 | 1 | - 0.4 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Bhagalpur | 24.3 | +0.3 | 26.0 | 4 | 12.0 | +0.2 | 9.4 | 20 | 2.0 | 32.5 | - 2.0 | 25.6 | 04 | 2 | + 0.2 | 6.2 | 4.8 | -0.2 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | | | |
| Sabaur | 23.3 | -0.3 | 25.2 | 03 | 8.9 | +0.5 | 4.9 | 19 | 1.8 | 33.2 | + 19.5 | 24.8 | 04 | 2 | + 0.8 | 6.1 | 3.2 | -1.3 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | | | |
| Jamui | 24.3 | -0.1 | 26.4 | 24 | 9.7 | -1.2 | 6.8 | 21 | 0.0 | 37.9 | + 8.1 | 33.4 | 04 | 2 | + 0.0 | 4.9 | 3.0 | -0.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Dehri | 24.1 | +0.3 | 26.5 | 26 | 10.3 | -1.3 | 7.7 | 20 | 6.2 | 18.3 | - 1.3 | 14.2 | 04 | 2 | + 0.3 | 6.1 | 3.9 | -0.3 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | | | |
| Gaya | 23.5 | -0.7 | 26.0 | 26 | 8.7 | -1.4 | 5.3 | 19 | 4.0 | 22.5 | - 6.7 | 21.0 | 04 | 1 | - 1.1 | 7.0 | 4.6 | -1.2 | 0 | 2 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | | | |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | | |
| Bahraich | 24.4 | +1.8 | 27.0 | 01 | 8.3 | -0.5 | 5.1 | 19 | 6.6 | 26.4 | + 4.6 | 17.8 | 04 | 2 | + 0.3 | 4.9 | 3.4 | -0.6 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| Nautanwa | 24.2 | +1.1 | 26.6 | 01 | .. | .. | .. | .. | 5.2 | 32.6 | + 9.9 | 19.6 | 27 | 3 | + 1.3 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Hardoi | 23.5 | +1.4 | 26.0 | 26 | 7.8 | -0.7 | 4.9 | 17 | 4.6 | 11.4 | - 27.4 | 6.8 | 26 | 2 | - 0.8 | 6.7 | 4.4 | +0.1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| Gonda | 23.9 | +1.0 | 26.4 | 20 | 8.2 | -0.1 | 5.5 | 20 | 0.0 | 22.2 | + 0.4 | 12.4 | 04 | 2 | + 0.1 | 4.0 | 3.0 | -0.9 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| Lucknow | 23.3 | +0.0 | 26.4 | 26 | 9.3 | +0.4 | 7.5 | 02 | 2.8 | 5.6 | - 11.9 | 2.8 | 27 | 1 | - 0.5 | 3.1 | 2.0 | -0.3 | 0 | 4 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | | | |
| Lucknow (Amausi) | 23.9 | +1.6 | 25.9 | 30 | 6.0 | -2.0 | 3.1 | 19 | 0.6 | 3.6 | - 27.8 | 2.0 | 04 | 0 | - 2.4 | 9.0 | 5.4 | -0.6 | 3 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | | | |
| Faizabad | 24.5 | +2.0 | 26.4 | 23 | 7.8 | +0.5 | 5.9 | 20 | 1.0 | 25.1 | + 4.4 | 19.9 | 04 | 2 | + 0.5 | 3.5 | 1.7 | -1.2 | 0 | 2 | 0 | 0 | 1 | 11 | 0 | 0 | 0 | | | |
| Gorakhpur | 24.4 | +1.4 | 26.6 | 27 | 10.2 | +0.3 | 7.3 | 20 | 4.9 | 21.9 | + 8.4 | 10.2 | 27 | 3 | + 1.6 | 4.6 | 2.0 | -0.9 | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| Kanpur | 24.2 | +1.4 | 27.3 | 26 | 7.8 | -0.8 | 5.7 | 19 | 0.0 | 1.0 | - 12.7 | 1.0 | 26 | 0 | - 1.5 | 10.6 | 6.2 | -0.4 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | | | |
| Kanpur (Aerodrome) | 24.1 | .. | 26.6 | 26 | 7.1 | .. | 4.6 | 19 | 0.0 | 0.3 | .. | 0.3 | 26 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 1 | 2 | 3 | 0 | 0 | 0 | | | |
| Sultanpur | 24.9 | +2.5 | 27.0 | 23 | 7.9 | -0.9 | 5.8 | 24 | 0.0 | 4.2 | - 17.6 | 4.2 | 26 | 1 | - 0.8 | 3.7 | 2.8 | -0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | | | |
| Azamgarh | 24.8 | +1.5 | 27.4 | 23 | 6.7 | -3.0 | 3.7 | 20 | .. | .. | .. | .. | .. | .. | .. | 4.2 | 1.9 | .. | .. | .. | 0 | 0 | 1 | 1 | 0 | 0 | 0 | | | |
| Fatehpur | 24.6 | +1.2 | 27.4 | 26 | 7.1 | -1.8 | 4.3 | 20 | 0.0 | 0.0 | - 16.7 | 0.0 | .. | 0 | - 1.9 | 6.8 | 3.2 | +0.1 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | | |
| Ballia | 23.7 | -0.2 | 26.0 | 25 | 10.8 | +0.9 | 6.2 | 23 | 0.0 | 16.8 | - 14.6 | 14.6 | 04 | 1 | - 1.0 | 1.7 | 0.5 | -2.4 | 0 | 2 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | | | |
| Banda | 23.7 | +0.0 | 28.2 | 26 | 8.5 | -1.1 | 5.8 | 01 | 0.0 | 1.2 | - 20.3 | 1.2 | 26 | 0 | - 2.5 | 1.5 | 0.6 | -1.0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | | | |
| Allahabad (Bamhrauli) | 25.0 | +1.3 | 28.3 | 26 | 8.5 | -0.6 | 5.8 | 22 | 0.3 | 1.1 | - 18.5 | 0.8 | 26 | 0 | - 1.6 | 5.6 | 3.2 | -1.6 | 0 | 2 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | | | |
| Varanasi (Babatpur) | 23.8 | +0.7 | 26.2 | 26 | 8.0 | -1.2 | 4.4 | 01 | 8.2 | 11.6 | - 11.9 | 5.9 | 27 | 2 | - 0.1 | 8.0 | 6.4 | -0.1 | 0 | 3 | 0 | 1 | 1 | 6 | 0 | 0 | 0 | | | |
| Varanasi | 24.0 | +0.6 | 27.5 | 26 | 8.2 | -1.3 | 5.0 | 01 | 2.4 | 14.9 | - 6.7 | 9.6 | 04 | 2 | + 0.2 | 3.7 | 2.1 | -4.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 14.6 | +2.7 | 17.5 | 22 | 4.4 | +0.8 | 2.1 | 27 | 0.0 | 0.0 | - 76.8 | 0.0 | .. | 0 | - 4.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| Tehri | 21.2 | +2.3 | 24.3 | 31 | 3.7 | -1.3 | 1.4 | 17 | 0.0 | 0.0 | - 63.8 | 0.0 | .. | 0 | - 5.0 | 0.8 | 0.5 | .. | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | | | |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dehra Dun | 21.4 | +2.3 | 24.2 | 01 | 4.8 | -1.3 | 2.6 | 19 | 0.0 | 1.1 | - 56.8 | 1.1 | 26 | 0 | - 3.8 | 3.2 | 3.1 | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mussoorie | 12.0 | .. | 15.6 | 03 | 2.0 | .. | - 0.4 | 28 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 22.8 | +2.7 | 25.4 | 25 | 3.8 | -2.8 | 1.1 | 19 | 0.0 | 5.8 | - 37.4 | 5.8 | 26 | 1 | - 1.8 | 4.7 | 2.7 | -1.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Najibabad (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Meerut | 24.1 | +3.5 | 26.5 | 24 | 4.2 | -3.7 | 2.4 | 23 | .. | 7.0 | - 23.2 | 7.0 | 26 | 1 | - 1.5 | - | 4.6 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 24.0 | +2.0 | 26.1 | 02 | 8.6 | +0.0 | 6.3 | 20 | 37.5 | 49.5 | + 25.1 | 37.4 | 27 | 2 | + 0.2 | 7.5 | 4.5 | +1.0 | 0 | 2 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 |
| Aligarh | .. | .. | .. | .. | 7.6 | +0.0 | 4.5 | 01 | 0.0 | 0.0 | - 17.8 | 0.0 | .. | 0 | - 1.6 | 7.0 | 5.3 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 24.7 | +2.0 | 26.6 | 26 | 6.1 | -1.6 | 4.0 | 23 | 0.0 | 0.0 | - 15.2 | 0.0 | .. | 0 | - 1.5 | 4.8 | 2.5 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra | 23.9 | +1.7 | 27.0 | 24 | 7.0 | -0.4 | 4.0 | 01 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 1.2 | 2.2 | 1.6 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 24.4 | .. | 26.6 | 23 | 6.2 | .. | 2.8 | 01 | 0.0 | 0.3 | .. | 0.3 | 27 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Orai | 23.5 | +0.5 | 27.0 | 26 | 7.9 | -0.5 | 4.0 | 05 | 0.0 | 0.0 | - 19.0 | 0.0 | .. | 0 | - 1.9 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jhansi | 24.6 | +0.5 | 29.3 | 26 | 7.8 | -1.4 | 5.3 | 03 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 1.3 | 2.6 | 2.4 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 22.4 | +4.0 | 24.8 | 26 | 5.2 | -0.4 | 3.0 | 18 | 0.0 | 0.0 | - 92.2 | 0.0 | .. | 0 | - 5.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 22.6 | +4.0 | 24.6 | 26 | 3.1 | -1.4 | 0.7 | 14 | 0.0 | 0.0 | - 37.1 | 0.0 | .. | 0 | - 2.9 | 6.2 | 4.4 | -2.5 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 23.1 | .. | 27.0 | 02 | 1.3 | .. | - 1.6 | 19 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ludhiana | 24.4 | +4.2 | 25.8 | 10 | .. | .. | .. | .. | 0.0 | 0.0 | - 33.3 | 0.0 | .. | 0 | - 2.4 | 5.0 | 2.5 | -0.1 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Ferozepur | 22.6 | +3.3 | 23.8 | 30 | 4.2 | -0.9 | 2.1 | 01 | 0.0 | 0.0 | - 36.2 | 0.0 | .. | 0 | - 2.1 | 2.5 | 1.9 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 22.8 | .. | 25.2 | 26 | 3.0 | .. | 0.3 | 18 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chandigarh | 22.8 | +2.7 | 25.4 | 26 | 6.9 | -0.4 | 3.7 | 14 | 0.0 | 3.8 | - 52.2 | 3.8 | 26 | 1 | - 3.6 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 24.1 | +3.3 | 26.2 | 10 | 6.1 | -0.7 | 3.8 | 27 | 0.0 | 1.0 | - 37.3 | 1.0 | 26 | 0 | - 2.7 | 8.5 | 4.9 | -0.6 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 23.5 | .. | 25.5 | 28 | 3.7 | .. | 0.8 | 19 | 0.0 | 4.8 | .. | 4.8 | 26 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Patiala | 23.8 | +3.6 | 25.2 | 07 | 5.9 | -1.2 | 3.1 | 27 | 1.8 | 1.8 | - 30.7 | 1.8 | 26 | 0 | - 2.5 | 8.5 | 7.0 | -0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 23.5 | +2.8 | 26.4 | 26 | 3.4 | -0.5 | 0.9 | 14 | 0.0 | 0.0 | - 9.6 | 0.0 | .. | 0 | - 0.7 | 0.6 | 1.9 | -2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hissar | 24.2 | +2.5 | 26.6 | 25 | 6.1 | +0.6 | 3.3 | 01 | 0.0 | 3.5 | - 13.5 | 2.2 | 26 | 0 | - 1.5 | 9.0 | 5.0 | -0.5 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 23.3 | +2.0 | 26.7 | 24 | 6.3 | -1.0 | 3.6 | 01 | 0.0 | 3.0 | - 17.8 | 3.0 | 26 | 1 | - 0.8 | 11.6 | 6.5 | -1.9 | 0 | 1 | 0 | 0 | 2 | 8 | 0 | 0 | 0 | 0 |
| Palam (Aerodrome) | 23.2 | .. | 26.6 | 26 | 6.2 | .. | 2.4 | 01 | 0.4 | 5.6 | .. | 5.2 | 26 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 21.4 | +3.7 | 23.5 | 22 | 0.2 | -3.5 | 0.0 | 06 | 0.0 | 0.0 | - 82.0 | 0.0 | .. | 0 | - 6.2 | 1.5 | 1.1 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 22.1 | +2.8 | 25.0 | 22 | 3.1 | -2.5 | 0.8 | 19 | 0.0 | 0.0 | - 77.1 | 0.0 | .. | 0 | - 4.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sonamarg (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leh | .. | .. | .. | .. | -13.6 | +0.4 | -15.7 | 14 | 0.0 | 2.6 | - 8.3 | 2.6 | 22 | 1 | - 0.2 | 4.1 | 5.5 | +2.1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 3.5 | -0.9 | 14.5 | 29 | - 2.5 | -0.2 | - 5.4 | 12 | 0.0 | 0.6 | - 69.8 | 0.6 | 16 | 0 | - 6.3 | 3.5 | 3.2 | -0.4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 2.3 | .. | 11.4 | 29 | - 3.0 | .. | - 7.7 | 16 | 0.0 | 7.0 | .. | 7.0 | 16 | 1 | .. | .. | .. | .. | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Qazigund | 2.7 | .. | 13.6 | 31 | - 3.4 | .. | - 5.9 | 16 | 0.6 | 0.6 | .. | 0.6 | 26 | 0 | .. | 1.2 | 1.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 14.6 | .. | 19.0 | 31 | - 0.1 | .. | - 2.0 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 22.7 | +4.3 | 25.7 | 26 | .. | .. | .. | .. | 0.0 | 0.0 | - 64.8 | 0.0 | .. | 0 | - 3.9 | 6.7 | 7.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 22.1 | .. | 25.9 | 26 | 6.9 | .. | 2.7 | 17 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 24.9 | +4.4 | 27.0 | 30 | 3.7 | -1.0 | 1.2 | 01 | 0.0 | 0.0 | - 15.1 | 0.0 | .. | 0 | - 1.6 | 0.7 | 0.3 | -3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 25.2 | .. | 27.0 | 25 | 9.8 | .. | - 0.2 | 01 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 25.3 | +3.3 | 29.8 | 25 | 5.2 | -0.6 | 2.5 | 01 | 0.0 | 0.0 | - 9.1 | 0.0 | .. | 0 | - 0.6 | 5.0 | 3.7 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 25.7 | +3.4 | 27.8 | 07 | 4.9 | -0.1 | 2.3 | 20 | 2.6 | 2.6 | - 2.7 | 2.6 | 12 | 1 | + 0.3 | 6.5 | 5.1 | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | 26.7 | +4.1 | 30.4 | 25 | 7.2 | +0.9 | 3.4 | 19 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | + 0.0 | 6.0 | 5.3 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phalodi | 25.4 | +2.7 | 28.6 | 24 | 5.6 | -1.0 | 3.4 | 21 | 0.0 | 0.0 | - 3.8 | 0.0 | .. | 0 | - 0.3 | 9.4 | 6.5 | -3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaisalmer | 26.5 | +2.9 | 29.0 | 23 | 10.0 | +2.1 | 3.9 | 02 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.4 | 9.7 | 7.0 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 28.0 | +3.4 | 31.7 | 24 | 11.1 | +1.6 | 7.3 | 06 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.4 | 9.3 | 8.3 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barmer | 28.4 | +3.7 | 32.2 | 24 | 12.5 | +2.3 | 9.7 | 27 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.4 | 6.6 | 5.9 | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 29.4 | +4.1 | 31.6 | 24 | 11.7 | +2.2 | 6.8 | 04 | 0.0 | 0.3 | - 4.7 | 0.0 | .. | 0 | - 0.3 | 3.0 | 2.2 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 24.9 | +2.6 | 28.5 | 25 | 5.1 | +0.7 | 2.0 | 16 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.6 | 5.8 | 5.7 | -1.5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 25.4 | +3.4 | 28.7 | 25 | 4.2 | -1.6 | - 0.1 | 19 | 0.0 | 0.0 | - 10.9 | 0.0 | .. | 0 | - 1.4 | 15.0 | 11.0 | +4.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alwar | 23.6 | +1.3 | 26.4 | 25 | 8.0 | +0.8 | 5.3 | 01 | 0.0 | 0.0 | - 14.7 | 0.0 | .. | 0 | - 1.2 | 2.0 | 1.1 | — | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaipur (Sanganer) | 24.7 | +2.7 | 28.4 | 25 | 8.9 | +0.6 | 6.1 | 06 | 0.0 | 2.0 | - 8.9 | 1.5 | 11 | 0 | - 0.9 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dholpur | 24.6 | +1.9 | 27.6 | 25 | 6.0 | -2.2 | 3.2 | 01 | 0.0 | 0.0 | - 12.1 | 0.0 | .. | 0 | - 2.6 | 5.2 | 2.8 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 25.5 | +3.3 | 29.1 | 25 | 7.6 | +0.3 | 5.5 | 06 | 1.6 | 3.0 | - 6.7 | 1.6 | 12 | 0 | - 0.9 | 4.5 | 3.7 | +0.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 26.3 | +3.9 | 31.0 | 25 | 8.0 | +3.0 | 3.8 | 21 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.3 | 6.0 | 4.8 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 25.9 | .. | 30.2 | 25 | 7.9 | .. | 5.7 | 31 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 26.6 | +2.1 | 31.4 | 25 | 10.6 | +0.0 | 7.4 | 29 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.8 | 3.7 | 2.3 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 25.9 | .. | 33.4 | 14 | 10.5 | .. | 8.4 | 20 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.5 | 5.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 26.8 | +1.7 | 31.1 | 25 | 10.6 | +3.2 | 7.8 | 07 | 0.0 | 0.0 | - 8.1 | 0.0 | .. | 0 | - 0.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 25.9 | +1.7 | 29.2 | 25 | 8.1 | +0.3 | 6.2 | 19 | 0.4 | 1.5 | - 4.1 | 1.5 | 04 | 0 | - 0.5 | 3.6 | 1.6 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 26.9 | +1.8 | 31.6 | 25 | 8.6 | -0.8 | 5.3 | 07 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 1.3 | 3.0 | 3.0 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 29.4 | .. | 32.8 | 21 | 13.1 | .. | 9.2 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.0 | 6.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 24.6 | +1.4 | 28.7 | 25 | 6.0 | -1.5 | 2.4 | 01 | 0.0 | 0.0 | - 18.8 | 0.0 | .. | 0 | - 1.6 | 6.6 | 3.2 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 26.5 | +2.0 | 31.2 | 25 | 7.7 | -0.1 | 4.9 | 19 | 0.0 | 0.0 | - 15.3 | 0.0 | .. | 0 | - 1.9 | 6.3 | 5.2 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 24.4 | .. | 29.4 | 25 | 3.8 | .. | 0.4 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.5 | 2.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mowgong | 25.0 | +0.7 | 29.2 | 25 | 6.5 | -1.2 | 3.0 | 01 | 0.0 | 2.6 | - 13.7 | 2.6 | 26 | 1 | - 0.4 | 4.3 | 2.4 | -0.3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Guna | 26.4 | +1.6 | 30.8 | 26 | 7.9 | -0.3 | 4.1 | 19 | 0.0 | 0.0 | - 18.0 | 0.0 | .. | 0 | - 1.7 | 8.5 | 6.0 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 26.0 | +1.3 | 29.7 | 25 | 11.2 | +1.7 | 8.4 | 03 | 0.0 | 0.0 | - 6.3 | 0.0 | .. | 0 | - 0.5 | 7.9 | 6.5 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 25.9 | -0.1 | 30.3 | 25 | 10.3 | +1.7 | 6.7 | 06 | 0.0 | 0.0 | - 12.3 | 0.0 | .. | 0 | - 1.3 | 8.1 | 6.3 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 25.9 | +1.4 | 28.8 | 26 | 11.3 | -0.3 | 9.3 | 04 | 0.0 | 3.0 | - 17.1 | 3.0 | 26 | 1 | - 0.8 | 8.2 | 6.9 | +0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 28.1 | +1.8 | 31.8 | 25 | 11.4 | +0.4 | 7.6 | 27 | 0.0 | 0.3 | - 7.7 | 0.3 | 12 | 0 | - 0.7 | 11.6 | 8.9 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 25.7 | +0.0 | 29.6 | 25 | 10.6 | +0.2 | 8.0 | 06 | 15.9 | 24.1 | + 7.1 | 19.5 | 12 | 2 | + 0.2 | 8.7 a | 7.6 | +1.8 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 27.4 | .. | 30.8 | 25 | 8.9 | .. | 3.8 | 06 | 15.0 | 23.8 | .. | 14.9 | 12 | 2 | .. | 9.2 | 5.8 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 27.4 | .. | 31.0 | 25 | 7.2 | .. | 1.4 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.3 | 2.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 27.1 | +0.5 | 31.1 | 26 | 12.2 | -0.5 | 8.6 | 07 | 0.0 | 5.4 | - 9.1 | 5.4 | 11 | 1 | - 0.3 | 5.8 | 5.5 | +1.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 26.8 | +0.7 | 30.3 | 25 | 10.2 | +0.6 | 6.4 | 06 | 14.4 | 17.5 | + 10.4 | 16.9 | 12 | 1 | + 0.4 | 10.5 | 7.4 | -2.5 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 28.9 | +1.0 | 32.2 | 25 | 11.5 | +0.6 | 7.2 | 27 | 0.0 | 1.0 | - 1.0 | 0.8 | 11 | 0 | - 0.1 | 7.6 | 3.6 | -0.2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 26.0 | +0.5 | 28.1 | 20 | 9.2 | -1.4 | 4.7 | 22 | 0.2 | 11.4 | - 9.7 | 10.0 | 13 | 1 | - 0.6 | 5.7 | 3.1 | -1.3 | 2 | 2 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Seoni | 26.3 | +0.9 | 29.6 | 27 | 10.3 | -1.2 | 6.9 | 22 | 0.6 | 7.8 | - 11.8 | 4.0 | 13 | 2 | + 0.4 | 6.7 | 5.0 | -0.2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Betul | 26.7 | +0.3 | 29.6 | 25 | 10.2 | -0.9 | 5.5 | 04 | 4.2 | 9.6 | + 2.3 | 4.6 | 13 | 2 | + 1.1 | 6.7 | 4.6 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 29.3 | +0.0 | 32.6 | 25 | 11.6 | -0.4 | 6.6 | 07 | 2.4 | 3.6 | - 5.0 | 2.4 | 12 | 0 | - 0.7 | 8.2 | 5.9 | +0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 24.9 | +0.2 | 28.9 | 26 | 7.9 | -1.1 | 4.5 | 01 | 0.0 | 0.0 | - 22.6 | 0.0 | .. | 0 | - 2.0 | 3.3 | 3.1 | -0.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 24.7 | .. | 30.0 | 26 | 7.1 | .. | 4.2 | 01 | 2.2 | 2.2 | .. | 2.2 | 04 | 0 | .. | 4.1 | 2.6 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 25.5 | +1.5 | 29.9 | 26 | 7.5 | -0.1 | 3.6 | 01 | 8.2 | 14.4 | - 16.8 | 8.2 | 04 | 3 | + 0.8 | 4.5 | 2.5 | -0.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 25.5 | +0.5 | 31.1 | 26 | 7.6 | -1.4 | 2.8 | 01 | 0.8 | 5.6 | - 25.5 | 4.8 | 03 | 1 | - 1.3 | 5.4 | 3.0 | +0.0 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Jabalpur | 26.6 | +0.5 | 30.4 | 26 | 8.8 | -1.0 | 3.5 | 01 | 1.0 | 6.0 | - 18.4 | 5.1 | 26 | 1 | - 1.0 | 4.7 | 2.7 | -0.7 | 1 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 22.9 | -1.0 | 27.6 | 26 | 8.1 | -0.5 | 3.8 | 01 | 18.4 | 23.6 | + 1.7 | 18.4 | 04 | 2 | - 0.2 | .. | .. | .. | 0 | 4 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 22.1 | .. | 25.3 | 26 | 7.2 | .. | 3.2 | 22 | 23.4 | 45.4 | .. | 30.0 | 04 | 3 | .. | 6.2 | 4.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 22.8 | -1.2 | 27.0 | 24 | 10.5 | -0.4 | 7.4 | 02 | 19.2 | 34.6 | + 7.7 | 18.3 | 04 | 4 | + 1.9 | 6.7 | 4.9 | -0.4 | 1 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 26.2 | +0.2 | 29.4 | 26 | .. | .. | .. | .. | 0.0 | 12.2 | - 16.5 | 7.6 | 03 | 2 | - 0.7 | 4.5 | 2.5 | +0.5 | 0 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Champa | 26.0 | -1.5 | 30.0 | 26 | 11.6 | -2.2 | 7.5 | 01 | 21.4 | 24.6 | + 1.4 | 15.0 | 04 | 3 | + 1.5 | 5.4 | 5.2 | +0.7 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 26.6 | -1.8 | 30.4 | 25 | 12.7 | -0.9 | 9.2 | 01 | 28.3 | 41.7 | + 23.3 | 24.9 | 04 | 3 | + 1.7 | 2.9 | 2.0 | -2.0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 26.3 | -1.4 | 30.7 | 26 | 12.6 | -0.9 | 8.5 | 01 | 3.7 | 9.5 | - 4.2 | 3.7 | 04 | 2 | + 0.9 | 6.3 | 4.5 | -0.5 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Kanker | 26.2 | -1.7 | 30.8 | 26 | 12.8 | +0.7 | 6.9 | 01 | 10.6 | 28.8 | + 18.4 | 21.8 | 12 | 1 | + 0.2 | 4.0 a | 3.2 | +1.0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 27.2 | -1.3 | 29.7 | 26 | 13.7 | +2.7 | 8.5 | 01 | 15.0 | 63.8 | + 53.9 | 33.5 | 12 | 5 | + 4.2 | 4.7 a | 2.8 | +0.0 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 29.9 | +2.1 | 32.6 | 23 | 11.1 | +0.7 | 7.5 | 02 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.2 | 9.3 | 7.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur (a) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Idar | 29.1 | +1.6 | 32.1 | 24 | 17.2 | +2.4 | 10.2 | 02 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.3 | 9.6 | 7.9 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 30.0 | +1.3 | 33.5 | 24 | 13.7 | +1.8 | 9.5 | 02 | 3.6 | 3.8 | + 1.8 | 3.6 | 12 | 1 | + 0.8 | 10.6 | 5.6 | +0.2 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 28.5 | +1.6 | 32.2 | 25 | 13.2 | +1.1 | 10.1 | 06 | 0.0 | 0.0 | - 3.0 | .. | .. | .. | .. | 7.8 | 6.4 | -2.5 | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 31.1 | .. | 34.7 | 24 | 12.5 | .. | 8.2 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.8 | 6.3 | .. | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 31.2 | +1.6 | 34.4 | 24 | 13.9 | +1.2 | 8.4 | 03 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | 7.8 | 5.5 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 32.4 | +2.3 | 35.7 | 22 | 14.3 | +3.5 | 10.1 | 10 | 0.0 | 0.5 | - 2.0 | 0.5 | 09 | 0 | - 0.3 | 5.7 | 4.8 | +1.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 31.8 | +0.4 | 34.9 | 17 | 13.8 | +1.0 | 9.7 | 07 | 0.0 | 0.3 | - 0.9 | 0.3 | 09 | 0 | - 0.1 | 4.6 | 3.7 | -2.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 32.8 | +1.4 | 35.6 | 17 | 15.0 | +0.2 | 10.4 | 28 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.2 | 9.1 | 7.5 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 29.2 | +2.0 | 32.2 | 22 | 8.8 | +0.9 | 6.0 | 05 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.4 | 16.1 | 11.7 | +3.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA & KUTCH (INCLUDING DIU)** (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj (Rudramata) | 28.7 | +2.6 | 34.1 | 22 | 9.9 | -0.2 | 7.4 | 03 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | 11.9 | 9.5 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kandla Aerodrome | 29.4 | .. | 32.7 | 24 | 13.3 | .. | 10.4 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 16.9 | 17.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 27.4 | +2.0 | 29.7 | 22 | 14.7 | +0.8 | 12.0 | 03 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 10.7 | 12.3 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 27.6 | +2.0 | 29.8 | 19 | 14.5 | +0.3 | 9.0 | 25 | 0.0 | 0.0 | - 1.4 | 0.0 | .. | 0 | - 0.3 | 15.7 | 15.0 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 30.2 | +2.0 | 33.8 | 23 | 14.5 | +1.6 | 10.6 | 03 | 0.0 | 0.0 | - 0.4 | 0.0 | .. | 0 | + 0.0 | 8.6 | 6.9 | -2.6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Okha | 24.8 | .. | 27.1 | 21 | 19.4 | .. | 17.9 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 16.7 | 19.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 28.7 | +2.3 | 31.0 | 24 | 11.1 | +0.5 | 6.4 | 28 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.1 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Dwarka | 27.8 | +2.4 | 31.3 | 16 | 16.3 | +0.2 | 14.4 | 04 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 18.1 | 14.4 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 29.8 | +1.7 | 34.2 | 23 | 11.9 | +1.2 | 6.2 | 03 | 0.2 | 0.2 | - 0.9 | 0.2 | 12 | 0 | - 0.1 | 16.1 | 12.1 | -1.0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Bhavnagar Aerodrome | 29.9 | +2.3 | 33.0 | 22 | 14.1 | +3.0 | 11.0 | 06 | 0.0 | 0.1 | - 1.3 | 0.1 | 09 | 0 | - 0.3 | 15.7 | 13.0 | +4.6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 30.9 | +2.4 | 33.8 | 21 | 15.8 | +0.5 | 10.7 | 02 | 0.0 | 0.0 | - 2.4 | 0.0 | .. | 0 | - 0.3 | 17.1 | 13.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 31.0 | +1.0 | 34.4 | 21 | 13.2 | +1.4 | 9.3 | 02 | 1.0 | 1.0 | + 1.0 | 1.0 | 11 | 0 | + 0.0 | 18.1 | 13.7 | +0.3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 30.5 | .. | 33.3 | 02 | 16.7 | .. | 12.2 | 25 | 0.0 | 7.0 | + 6.3 | 7.0 | 09 | 1 | + 0.9 | 9.3 | 7.4 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 30.3 | +1.7 | 34.3 | 31 | 15.8 | +1.5 | 10.5 | 02 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.1 | 16.5 | 13.8 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 29.7 | +2.0 | 33.6 | 25 | 17.6 | +0.8 | 13.8 | 03 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | 12.8 | 10.3 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 31.7 | +1.1 | 34.5 | 15 | 17.4 | +1.1 | 12.7 | 03 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 10.7 | 7.0 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 30.3 | +1.2 | 33.2 | 14 | 20.1 | +0.7 | 17.3 | 03 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.3 | 9.5 | 8.1 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 29.1 | +0.9 | 32.6 | 19 | 18.3 | +0.6 | 14.6 | 04 | .. | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.4 | . | 7.0 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhiwandi | 34.7 | .. | 38.0 | 31 | 16.0 | .. | 10.1 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.2 | 3.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 28.8 | +0.7 | 31.8 | 22 | 22.3 | +0.0 | 18.2 | 04 | 0.0 | 0.0 | - 1.4 | 0.0 | .. | 0 | - 0.2 | 14.7 | 12.2 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 30.7 | -0.2 | 34.0 | 23 | 18.8 | -0.6 | 12.2 | 04 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | 10.5 | 7.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 29.9 | -0.4 | 33.4 | 22 | 21.0 | -0.1 | 16.0 | 04 | 0.0 | 0.0 | - 1.9 | 0.0 | .. | 0 | - 0.2 | 13.9 | 11.0 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.1 | -1.0 | 34.4 | 22 | 18.3 | -0.4 | 11.9 | 04 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 9.7 | 6.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 31.3 | .. | 35.0 | 15 | 19.9 | .. | 15.1 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.9 | 8.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mormugao | 30.0 | +0.3 | 34.0 | 22 | 21.6 | +0.2 | 16.9 | 04 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | 11.6 | 10.8 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 30.9 | .. | 33.8 | 15 | 20.9 | .. | 15.6 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.7 | 6.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 30.9 | +0.6 | 33.8 | 20 | 15.6 | -0.6 | 11.9 | 28 | 0.0 | 0.0 | - 6.8 | 0.0 | .. | 0 | - 0.4 | 10.0 | 6.5 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 30.7 | +0.1 | 33.8 | 20 | 13.3 | +0.6 | 7.5 | 04 | 0.3 | 0.3 | - 7.6 | 0.2 | 12 | 0 | - 0.6 | 15.2 | 11.5 | +3.9 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 29.8 | -0.3 | 32.6 | 25 | 11.3 | -0.2 | 6.2 | 05 | 0.0 | 1.0 | - 3.6 | 1.0 | 09 | 0 | - 0.4 | 7.8 | 5.5 | +0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 29.0 | .. | - | - | 10.6 | .. | - | - | 0.0 | 5.2 | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 29.9 | +0.4 | 32.3 | 25 | 13.0 | +0.5 | 8.2 | 04 | 6.4 | 7.4 | + 0.3 | 6.4 | 31 | 1 | + 0.5 | 9.2 | 5.8 | +0.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 30.4 | .. | 33.8 | 26 | 14.1 | .. | 7.0 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poona | 29.8 | +0.3 | 33.0 | 26 | 11.2 | +0.5 | 4.2 | 04 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 7.2 | 3.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 30.1 | -0.5 | 32.8 | 26 | 13.2 | -0.2 | 6.9 | 04 | 0.0 | 5.8 | + 5.7 | 5.8 | 09 | 1 | + 1.0 | 9.4 | 6.0 | +0.1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 29.3 | -1.3 | 33.1 | 30 | 13.8 | -0.2 | 8.3 | 04 | 0.0 | 10.2 | + 10.2 | 10.2 | 31 | 1 | + 1.0 | 8.4 | 6.7 | +0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 31.0 | +0.2 | 34.2 | 29 | 16.0 | +0.2 | 10.1 | 04 | 1.4 | 48.4 | + 42.6 | 46.0 | 31 | 1 | + 0.7 | 9.8 | 7.6 | -0.2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 30.3 | -0.3 | 33.4 | 30 | 14.0 | -0.3 | 8.1 | 02 | 0.0 | 0.6 | - 3.5 | 0.6 | 31 | 0 | - 0.2 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 30.4 | -0.3 | 33.7 | 30 | 14.4 | -0.6 | 10.4 | 04 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.4 | 11.3 | 8.2 | +0.3 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 28.8 | -0.5 | 31.4 | 25 | 15.3 | +1.0 | 9.4 | 04 | 0.0 | 7.2 | - 0.2 | 7.2 | 09 | 1 | + 0.4 | 8.1 | 6.7 | -1.1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 28.5 | -0.6 | 31.1 | 26 | 12.5 | +2.0 | - | - | 0.0 | 2.4 | + 1.2 | 1.8 | 31 | 0 | - 0.3 | 9.6 | 6.1 | -0.2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 27.7 | -2.5 | 32.4 | 26 | 13.6 | -0.1 | 9.0 | 05 | 0.0 | 13.0 | + 3.9 | 9.4 | 10 | 1 | + 0.3 | 7.3 | 5.5 | +0.3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nander | 29.6 | .. | 33.4 | 26 | 13.7 | .. | 7.4 | 22 | 6.9 | 64.5 | .. | 33.0 | 30 | 3 | .. | 6.5 | 4.8 | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bir | 29.2 | .. | 32.9 | 26 | 12.1 | .. | 6.9 | 04 | 19.0 | 23.4 | .. | 12.2 | 30 | 3 | .. | 6.2 | 3.9 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 27.3 | -0.3 | 30.5 | 26 | 12.8 | -0.5 | 8.4 | 01 | 0.0 | 14.6 | - 6.5 | 9.6 | 12 | 2 | + 0.5 | 3.5 | 2.3 | -0.6 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 28.6 | +0.0 | 32.0 | 19 | 12.0 | -0.7 | 7.5 | 02 | 0.0 | 8.1 | - 3.3 | 4.9 | 10 | 2 | + 1.1 | 9.7 | 8.1 | .. | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Amraoti | 28.7 | -0.2 | 32.5 | 26 | 15.2 | -0.3 | 9.7 | 04 | 0.0 | 7.5 | - 5.4 | 4.1 | 11 | 2 | + 0.9 | 10.5 | 10.0 | +1.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 29.3 | .. | 34.0 | 26 | 11.4 | .. | 6.8 | 02 | 2.0 | 33.2 | .. | 29.0 | 11 | 2 | .. | 12.2 | 9.8 | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Akola | 29.4 | -0.8 | 34.3 | 26 | 11.1 | -2.6 | 6.3 | 05 | 2.2 | 21.4 | + 10.7 | 17.0 | 11 | 1 | + 0.1 | 6.5 | 5.3 | -0.1 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 28.3 | -0.2 | 31.0 | 24 | 12.9 | -1.1 | 8.0 | 01 | 2.8 | 36.5 | + 21.7 | 26.0 | 12 | 2 | + 1.0 | 6.0 | 4.1 | +0.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 27.3 | -0.1 | 30.3 | 26 | 15.0 | -0.4 | 11.9 | 22 | 8.4 | 12.8 | + 5.1 | 8.4 | 12 | 2 | + 1.5 | 10.3 | 8.2 | -0.1 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Yeotmal | 27.7 | -1.0 | 31.0 | 19 | 14.7 | -0.9 | 9.8 | 22 | 17.7 | 21.7 | + 10.8 | 17.2 | 12 | 2 | + 1.3 | 9.5 | 8.5 | -0.4 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chanda | 29.0 | -0.5 | 32.1 | 26 | 14.0 | +0.3 | 8.9 | 01 | 10.6 | 19.6 | + 12.0 | 8.6 | 12 | 3 | + 2.4 | 6.2 | 4.1 | +0.7 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 30.9 | .. | 33.4 | 26 | 12.0 | .. | 6.1 | 23 | 0.0 | 7.7 | .. | 2.8 | 13 | 2 | .. | 6.1 | 4.5 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 29.4 | -0.9 | 31.8 | 26 | 17.9 | +2.4 | 12.6 | 01 | 2.4 | 73.0 | + 71.3 | 68.4 | 12 | 1 | + 0.6 | 4.8 | 3.1 | -0.6 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 26.2 | -1.2 | 29.0 | 29 | 17.3 | -0.4 | 13.2 | 02 | 4.6 | 77.2 | + 71.9 | 71.8 | 03 | 2 | + 1.4 | 14.6 | 9.6 | +0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vishakhapatnam | 28.7 | +1.0 | 32.0 | 22 | 19.0 | +1.5 | 14.6 | 18 | 7.1 | 88.4 | + 78.0 | 82.0 | 03 | 2 | + 1.4 | 15.2 | 8.2 | +1.9 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 27.3 | +0.0 | 29.8 | 05 | 18.1 | -1.0 | 16.2 | 29 | 0.6 | 2.4 | - 5.7 | 2.2 | 03 | 0 | - 0.6 | 17.7 | 14.6 | +4.3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 29.3 | -0.5 | 31.3 | 28 | 19.0 | +1.2 | 14.0 | 01 | 0.8 | 7.5 | + 5.0 | 5.6 | 13 | 1 | + 0.7 | 11.5 | 7.8 | +1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 30.5 | -0.7 | 33.0 | 26 | 20.0 | +2.7 | 17.4 | 01 | 0.0 | 21.4 | + 20.9 | 21.4 | 13 | 1 | + 0.9 | 4.5 | 5.3 | +0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 30.0 | -0.1 | 31.3 | 27 | 19.8 | +0.7 | 15.0 | 01 | 0.0 | 2.3 | + 1.5 | 1.6 | 03 | 0 | - 0.1 | 16.2 | 12.2 | +2.4 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Masulipatam | 28.2 | +0.4 | 29.7 | 05 | 20.0 | +0.6 | 15.1 | 01 | 1.0 | 12.8 | + 7.7 | 11.8 | 13 | 1 | + 0.6 | 7.4 | 5.5 | -3.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 29.6 | +0.9 | 32.9 | 05 | 21.1 | +1.4 | 16.7 | 01 | 10.0 | 17.0 | + 13.2 | 8.8 | 14 | 2 | + 1.8 | 5.3 | 4.0 | -1.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 29.7 | -0.1 | 33.2 | 05 | 21.3 | +1.3 | 18.4 | 01 | 19.5 | 25.7 | - 6.3 | 14.8 | 14 | 3 | + 1.6 | 10.1 | 6.7 | +1.3 | 0 | 4 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 29.8 | -1.3 | 32.2 | 26 | 17.1 | +1.0 | 10.8 | 01 | 2.2 | 53.0 | + 51.0 | 34.0 | 12 | 2 | + 1.7 | 6.2 | 3.6 | -1.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad | 29.0 | -1.0 | 32.5 | 26 | 16.2 | +0.9 | 10.1 | 02 | 8.0 | 30.4 | + 23.5 | 17.4 | 12 | 3 | + 2.5 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hanamkonda | 28.6 | -1.3 | 31.2 | 31 | 17.5 | +0.3 | 10.8 | 02 | 26.6 | 37.8 | + 29.2 | 18.8 | 13 | 3 | + 2.4 | 5.7 | 6.3 | -0.9 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 27.3 | .. | 30.9 | 27 | 16.9 | .. | 13.6 | 04 | 10.2 | 63.8 | .. | 22.8 | 11 | 4 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 30.7 | -0.2 | 33.0 | 05 | 19.0 | +2.3 | 10.2 | 01 | 36.0 | 53.0 | + 50.4 | 51.6 | 13 | 1 | + 0.6 | 4.5 | 4.1 | -1.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 28.8 | +0.2 | 31.9 | 27 | 16.5 | +1.9 | 12.0 | 01 | 0.0 | 3.9 | - 3.7 | 2.0 | 30 | 0 | - 0.5 | 6.0 | 7.8 | -0.3 | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Khammam | 30.5 | -0.5 | 33.0 | 05 | 19.5 | +1.9 | 11.3 | 01 | 81.0 | 84.5 | + 82.8 | 84.5 | 13 | 1 | + 0.8 | 6.4 | 5.0 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 29.6 | +0.4 | 33.5 | 28 | 17.9 | +1.5 | 13.3 | 22 | 2.2 | 7.2 | + 7.2 | 3.0 | 12 | 1 | + 1.0 | 11.1 | 9.1 | -0.2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 31.1 | -0.2 | 33.1 | 28 | 18.8 | +1.8 | 13.2 | 01 | 0.0 | 15.4 | + 11.3 | 8.2 | 29 | 3 | + 2.7 | 8.2 | 6.0 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anantapur | 30.4 | +0.0 | 33.6 | 28 | 20.0 | +2.7 | 15.0 | 22 | 0.0 | 3.2 | - 1.6 | 3.2 | 31 | 1 | + 0.8 | 12.4 | 11.5 | +1.5 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 31.4 | +0.5 | 34.4 | 28 | 20.9 | +1.7 | 15.6 | 18 | 0.0 | 0.0 | - 11.4 | 0.0 | .. | 0 | - 0.8 | 9.9 | 8.6 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 27.9 | +0.8 | 31.2 | 28 | 15.7 | +0.4 | 11.5 | 18 | 0.0 | 35.0 | + 28.0 | 18.0 | 31 | 2 | + 1.2 | 11.1 | 7.1 | +1.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 28.4 | +0.1 | 30.2 | 27 | 22.5 | +1.7 | 20.3 | 18 | 7.2 | 24.2 | - 7.5 | 9.2 | 02 | 3 | + 1.6 | 5.0 | 7.4 | +1.2 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 28.7 | -0.1 | 31.8 | 27 | 21.8 | +1.5 | 18.7 | 21 | 18.9 | 23.8 | - 21.7 | 8.8 | 14 | 4 | + 1.9 | 11.9 | 8.1 | -0.9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 29.6 | +0.7 | 33.0 | 27 | 20.2 | +2.0 | 16.2 | 21 | 0.0 | 2.9 | - 31.6 | 1.0 | 31 | 0 | - 1.9 | 12.4 | 9.0 | +2.6 | 1 | 3 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 29.4 | .. | 31.5 | 26 | 21.5 | .. | 17.8 | 21 | 8.9 | 24.2 | .. | 7.9 | 30 | 3 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tiruppattur | 29.3 | -0.2 | 31.3 | 31 | 16.3 | -1.0 | 13.3 | 12 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.2 | 7.6 | 4.7 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 32.3 | .. | 35.4 | 29 | 21.0 | .. | 17.4 | 22 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 28.6 | +0.7 | 30.3 | 27 | 22.0 | +1.2 | 19.7 | 18 | 0.0 | 23.1 | - 43.2 | 13.6 | 31 | 3 | + 0.2 | 12.5 | 9.8 | -0.6 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 30.1 | +0.2 | 33.2 | 28 | 21.6 | +1.1 | 19.1 | 22 | 6.6 | 9.8 | - 5.6 | 3.2 | 24 | 2 | + 0.7 | 6.6 | 6.1 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Salem | 31.9 | +0.8 | 35.1 | 29 | 21.3 | +2.1 | 17.9 | 22 | 0.0 | 0.0 | - 10.2 | 0.0 | .. | 0 | - 0.9 | 11.0 | 10.7 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 30.0 | +0.0 | 33.1 | 28 | 19.0 | +0.4 | 15.4 | 02 | 2.2 | 9.8 | + 4.3 | 7.6 | 15 | 1 | + 0.5 | 8.3 | 11.9 | +1.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore | 30.6 | +0.9 | 33.3 | 06 | 20.9 | +1.7 | 17.5 | 01 | .. | 26.8 | + 9.0 | 26.8 | 15 | 1 | - 0.3 | . | 6.0 | -0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 28.3 | +0.6 | 32.1 | 03 | 24.1 | +1.3 | 19.5 | 02 | 4.8 | 48.9 | - 33.9 | 31.2 | 23 | 2 | - 1.6 | 17.5 | 17.5 | -1.3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 30.5 | +0.4 | 33.4 | 03 | 21.5 | +0.9 | 17.8 | 22 | 8.1 | 5.1 | - 26.1 | 3.8 | 24 | 1 | - 1.1 | .. | .. | .. | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 30.0 | .. | 31.4 | 14 | 23.4 | .. | 20.5 | 01 | 51.0 | 78.7 | .. | 36.5 | 17 | 4 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 29.9 | .. | 32.0 | 31 | 22.2 | .. | 19.8 | 19 | 25.4 | 62.4 | .. | 25.4 | 24 | 3 | .. | 12.5 | 9.1 | .. | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Madurai | 30.6 | +0.4 | 33.4 | 03 | 22.0 | +1.1 | 19.2 | 22 | .. | 27.6 | - 3.4 | 14.4 | 24 | 2 | + 0.1 | . | 6.0 | -1.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 30.7 | +0.4 | 32.5 | 29 | 21.2 | +0.5 | 18.0 | 22 | 4.7 | 16.6 | - 14.8 | 10.0 | 25 | 3 | + 0.6 | 13.6 | 9.3 | -3.0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tondi | 29.3 | +0.1 | 30.6 | 31 | 22.8 | +0.9 | 20.7 | 21 | 18.0 | 68.4 | - 15.7 | 38.2 | 24 | 6 | + 1.5 | 17.2 | 14.7 | -0.3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 28.7 | +0.7 | 30.4 | 06 | 24.4 | +0.4 | 22.5 | 16 | 25.0 | 36.8 | - 35.1 | 14.6 | 25 | 3 | - 1.2 | 19.1 | 15.8 | -2.7 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 28.0 | +0.4 | 29.5 | 04 | 21.7 | -0.6 | 19.3 | 19 | 0.0 | 16.4 | - 0.1 | 13.2 | 06 | 2 | + 0.3 | 22.1 | 20.0 | -2.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 31.6 | +0.9 | 34.2 | 29 | 22.6 | +0.3 | 19.4 | 01 | 3.0 | 14.6 | - 30.4 | 9.2 | 16 | 1 | - 1.6 | 10.8 | 8.2 | -1.0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 30.8 | .. | 32.8 | 30 | 23.6 | .. | 20.6 | 04 | 0.0 | 1.6 | .. | 1.6 | 17 | 0 | .. | 21.5 | 19.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 28.4 | -2.1 | 33.2 | 22 | 21.5 | +2.6 | 17.0 | 02 | 0.0 | 0.0 | - 0.9 | 0.0 | .. | 0 | - 0.1 | 8.6 | 6.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 31.5 | -0.4 | 35.5 | 18 | 20.5 | +0.5 | 16.8 | 04 | 0.0 | 0.0 | - 3.6 | 0.0 | .. | 0 | - 0.5 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 31.7 | -0.8 | 33.9 | 16 | 21.2 | +0.2 | 17.7 | 02 | 0.0 | 14.0 | + 13.3 | 9.0 | 30 | 2 | + 1.9 | 8.7 | 6.7 | -1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 30.7 | -0.7 | 34.2 | 16 | 22.2 | +0.5 | 19.0 | 01 | 0.0 | 0.0 | - 4.8 | 0.0 | .. | 0 | - 0.3 | 12.3 | 10.0 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 27.7 | -0.6 | 31.0 | 26 | 16.8 | +0.3 | 14.4 | 04 | 1.2 | 20.2 | + 14.6 | 9.0 | 11 | 3 | + 2.5 | 13.5 | 10.1 | -0.5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 30.6 | +0.2 | 33.4 | 29 | 16.8 | +0.8 | 11.0 | 02 | 3.0 | 18.6 | + 12.5 | 13.8 | 30 | 2 | + 1.7 | 12.6 | 9.3 | +0.2 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Bijapur | 30.8 | +0.6 | 33.4 | 28 | 16.9 | +0.7 | 11.0 | 02 | 0.0 | 3.4 | - 2.4 | 2.2 | 31 | 0 | - 0.3 | 6.5 | 4.8 | -0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 30.5 | +0.3 | 34.1 | 29 | 19.2 | +0.7 | 14.4 | 01 | 0.0 | 13.0 | + 9.9 | 6.8 | 30 | 2 | + 1.8 | 11.7 | 10.5 | +0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 30.7 | +0.6 | 33.3 | 28 | 14.6 | +0.6 | 8.8 | 02 | 1.0 | 1.0 | - 2.6 | 1.0 | 31 | 0 | - 0.3 | 9.5 | 4.7 | -1.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum (Sanra) | 29.0 | +0.0 | 31.2 | 30 | 15.4 | +0.2 | 8.8 | 02 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | 10.3 | 6.5 | -4.9 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 29.8 | -0.5 | 33.6 | 30 | 17.1 | +0.4 | 12.5 | 02 | 25.2 | 25.2 | + 22.4 | 25.2 | 31 | 1 | + 0.5 | 9.0 | 6.6 | -0.9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE. SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 31.3 | +1.0 | 34.0 | 29 | 18.8 | +1.2 | 15.0 | 22 | 0.0 | 8.0 | + 5.2 | 6.0 | 26 | 1 | + 0.7 | 5.6 | 4.9 | +0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 30.0 | +1.1 | 33.6 | 30 | 18.0 | +0.9 | 13.8 | 01 | 0.0 | 4.0 | - 2.1 | 4.0 | 31 | 1 | + 0.7 | 8.0 | 5.9 | -1.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 31.4 | +0.9 | 33.7 | 30 | 16.2 | +1.6 | 10.2 | 02 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 5.5 | 3.2 | -0.9 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| Agumbe | 27.7 | .. | 33.4 | 17 | 14.3 | .. | 9.4 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | . | 4.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 29.0 | +1.7 | 31.4 | 31 | 15.4 | +0.6 | 10.9 | 02 | .. | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Hassan | 29.3 | +1.2 | 31.7 | 29 | 16.0 | +1.3 | 11.3 | 02 | 0.0 | 2.2 | - 2.1 | 1.6 | 27 | 0 | - 0.3 | 6.3 | 4.9 | -0.9 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 27.2 | +0.3 | 30.9 | 28 | 17.1 | +2.1 | 13.4 | 00 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.7 | 11.4 | 11.0 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 27.5 | -0.5 | 30.2 | 28 | 16.2 | +0.9 | 12.2 | 19 | 0.0 | 0.0 | - 3.6 | 0.0 | .. | 0 | - 0.3 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 29.2 | +0.9 | 31.0 | 29 | 18.3 | +1.9 | 14.1 | 00 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.4 | 13.0 | 9.9 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 31.9 | +0.2 | 32.8 | 16 | 22.7 | +0.7 | 19.9 | 05 | 0.0 | 0.0 | - 11.7 | 0.0 | .. | 0 | - 0.7 | 13.5 | 10.6 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 33.4 | -0.1 | 35.7 | 30 | 21.9 | -0.4 | 17.0 | 01 | 0.0 | 0.0 | - 5.7 | 0.0 | .. | 0 | - 0.4 | 12.3 | 9.3 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 30.9 | +0.3 | 32.6 | 15 | 23.3 | +0.1 | 21.4 | 21 | 0.0 | 5.8 | - 17.6 | 4.6 | .. | 1 | - 0.1 | 12.8 | 8.6 | +0.6 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 31.7 | .. | 33.3 | 16 | 22.8 | .. | 19.1 | 21 | 0.0 | 1.6 | .. | 1.0 | 12 | 0 | .. | 11.3 | 8.2 | .. | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 32.3 | +0.4 | 35.1 | 16 | 23.3 | +0.7 | 20.2 | 22 | 0.0 | 5.6 | - 9.5 | 5.6 | 24 | 1 | - 0.4 | 15.3 | 10.9 | +1.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 34.0 | +0.6 | 36.6 | 28 | 20.7 | +0.1 | 17.6 | 21 | 0.0 | 8.7 | - 4.3 | 7.2 | 13 | 1 | - 0.1 | 4.7 | 3.3 | -2.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 31.6 | +0.3 | 35.3 | 18 | 22.8 | +0.5 | 19.8 | 04 | 0.0 | 5.3 | - 17.6 | 4.0 | 19 | 1 | - 1.0 | 8.0 | 5.7 | +0.6 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 30.7 | +0.0 | 32.3 | 16 | 22.3 | +0.5 | 18.7 | 04 | .. | 8.3 | - 20.5 | 6.9 | .. | 1 | - 0.6 | . | 3.3 | -2.9 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 30.9 | -0.5 | 31.6 | 18 | 24.0 | +0.1 | 21.3 | 01 | 9.6 | 9.6 | - 11.0 | 5.8 | 26 | 2 | + 0.7 | 8.9 | 6.0 | +0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 31.1 | .. | 31.7 | 19 | 27.2 | .. | 26.0 | 22 | 6.9 | 18.1 | .. | 7.4 | 10 | 3 | .. | 5.3 | 4.3 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Andreth | 30.1 | .. | 32.3 | 16 | 25.2 | .. | 21.2 | 22 | 45.2 | 45.2 | .. | 28.1 | 26 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 30.9 | +1.3 | 31.8 | 10 | 23.3 | +0.6 | 19.6 | 22 | 0.0 | 12.2 | - 31.0 | 6.4 | 05 | 2 | - 0.6 | 6.9 | 5.0 | -1.4 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 15.3 | +4.4 | 19.1 | 22 | 1.9 | -0.2 | 0.1 | 31 | 0.0 | 0.0 | -195.6 | 0.0 | .. | 0 | - 7.2 | 1.9 | 2.2 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 16.9 | +2.5 | 19.9 | 22 | 7.3 | +0.8 | 5.8 | 18 | 0.0 | 0.0 | -143.2 | 0.0 | .. | 0 | - 7.7 | 4.6 | 3.9 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 17.9 | .. | 20.8 | 30 | - 0.3 | .. | - 2.0 | 19 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.4 | 4.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Simla | 11.7 | +3.2 | 14.4 | 24 | .. | .. | .. | .. | 0.0 | 0.0 | - 64.8 | 0.0 | .. | 0 | - 4.9 | 3.9 | 3.0 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 91.4 | 0.0 | .. | 0 | - 5.0 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Lokpal | -0.9 | +5.3 | 0.3 | 24 | -10.0 | +1.7 | -11.6 | 01 | .. | 2.2 | -243.9 | 2.2 | 27 | 0 | - 8.7 | .. | .. | .. | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Badrinath | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 14.0 | +2.4 | 16.6 | 24 | .. | .. | .. | .. | 0.0 | 0.0 | - 73.1 | 0.0 | .. | 0 | - 4.2 | 5.1 | 5.9 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mussoorie | 12.6 | +2.4 | 17.6 | 22 | 2.6 | +0.1 | 0.0 | 27 | 0.0 | 2.0 | - 77.6 | 2.0 | 26 | 0 | - 4.9 | 10.0 | 6.7 | +0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Muktesar (Kumaun) | 13.5 | +3.8 | 18.6 | 22 | 2.0 | +0.1 | - 1.4 | 04 | 0.0 | 18.0 | - 38.9 | 10.0 | 26 | 2 | - 1.7 | 8.8 | 9.7 | -1.3 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Nainital | 11.7 | +1.4 | 16.4 | 02 | 1.9 | +0.3 | 0.5 | 29 | 0.0 | 20.4 | - 97.1 | 17.0 | 04 | 2 | - 4.5 | 9.2 | 7.0 | -0.1 | 0 | 3 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Kalimpong | 16.5 | +1.0 | 18.6 | 26 | 7.6 | -0.2 | 6.6 | 04 | 21.0 | 65.2 | + 55.3 | 34.0 | 05 | 3 | + 2.1 | 15.7 | 10.4 | +1.8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 12.3 | +3.0 | 16.0 | 01 | 3.1 | +0.1 | 1.4 | 27 | 10.6 | 112.6 | +101.7 | 60.6 | 05 | 3 | + 2.0 | 2.9 | 1.9 | +0.0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Kohima | 15.3 | +0.7 | 16.9 | 01 | 9.2 | +0.8 | 5.2 | 04 | 7.0 | 13.8 | - 4.4 | 9.0 | 05 | 2 | - 0.4 | . | 1.2 | -2.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong | 16.5 | +1.0 | 19.0 | 21 | 1.8 | -1.8 | - 0.6 | 14 | 2.0 | 7.8 | - 6.2 | 5.8 | 03 | 1 | - 0.3 | 1.3 | 1.1 | -1.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cherrapunji | 16.7 | +0.9 | 18.4 | 15 | 7.2 | -0.4 | 5.7 | 13 | 4.5 | 4.5 | - 14.8 | 4.0 | 05 | 1 | - 0.4 | 7.4 | 4.3 | -2.4 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Abu | 21.6 | +2.3 | 24.0 | 01 | 9.1 | -0.2 | 6.6 | 30 | 0.0 | 1.4 | - 3.9 | 1.4 | 11 | 0 | - 0.6 | 7.0 | 5.0 | +0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal | 20.7 | +0.6 | 23.1 | 22 | 11.9 | +0.6 | 9.2 | 17 | 4.0 | 4.6 | - 15.7 | 4.0 | 05 | 1 | - 0.4 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pachmarhi | 21.7 | -0.7 | 24.9 | 25 | 7.2 | -1.5 | 3.4 | 07 | 23.4 | 27.0 | + 4.9 | 19.4 | 26 | 3 | + 1.3 | 4.3 | 2.5 | -0.8 | 0 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 24.8 | +0.8 | 27.7 | 31 | 12.8 | -1.0 | 8.0 | 04 | 0.0 | 0.0 | - 4.6 | 0.0 | .. | 0 | - 0.3 | 9.4 | 9.6 | +1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kercara | 25.8 | +1.2 | 28.4 | 29 | 13.8 | -0.4 | 10.0 | 03 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.6 | 10.5 | 9.5 | -0.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ootacamund | 20.4 | +0.5 | 23.3 | 27 | 7.2 | +2.1 | 4.6 | 01 | 0.2 | 21.2 | - 13.9 | 18.6 | 14 | 1 | - 1.0 | 3.5 | 1.8 | -1.4 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Coonoor (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Kodaikanal | 17.3 | +0.3 | 20.7 | 05 | 8.6 | +0.6 | 5.3 | 20 | 13.5 | 13.4 | - 68.6 | 20.2 | 25 | 4 | + 0.1 | 13.5 | 13.4 | +0.3 | 2 | 4 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 18.9 | +1.1 | 22.5 | 01 | 2.8 | +0.9 | - 0.5 | 01 | 15.4 | 37.4 | + 22.9 | 17.2 | 05 | 3 | + 1.3 | 0.8 | 0.4 | -0.9 | 0 | 3 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 8.9 | +2.0 | 11.0 | 3d | .. | .. | .. | .. | .. | 36.6 | - 54.0 | 18.0 | 27 | 4 | - 2.0 | .. | .. | .. | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 22.5 | .. | 25.7 | 26 | 9.3 | .. | 5.8 | 22 | 7.7 | 28.8 | .. | 23.9 | 04 | 2 | .. | 7.4 | 4.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 21.6 | .. | 24.8 | 25 | 7.9 | .. | 4.2 | 21 | 11.8 | 34.5 | .. | 27.6 | 04 | 2 | .. | 6.4 | 3.2 | .. | 3 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 |
| Kanar | 26.7 | .. | 31.0 | 06 | 11.9 | .. | 9.6 | 19 | 8.2 | 38.1 | .. | 36.1 | 04 | 1 | .. | 4.6 | 2.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 25.0 | .. | 27.5 | 23 | 5.7 | .. | 1.5 | 23 | 20.0 | 52.3 | .. | 46.5 | 04 | 2 | .. | 4.8 | 3.2 | .. | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maithon | 25.5 | .. | 27.8 | 03 | 9.7 | .. | 5.4 | 23 | 10.2 | 41.5 | .. | 39.4 | 04 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Ramgarh | 24.1 | .. | 26.9 | 24 | 8.0 | .. | 4.4 | 22 | 21.5 | 46.5 | .. | 42.0 | 04 | 2 | .. | 4.2 | 2.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Lidng Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Panchet Hills | 24.6 | .. | 26.8 | 19 | 12.2 | .. | 9.4 | 19 | 31.6 | 39.6 | .. | 38.4 | 04 | 1 | .. | 2.8 | 1.9 | .. | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| Durgapur | 24.2 | .. | 26.0 | 27 | 11.4 | .. | 9.2 | 22 | 40.2 | 64.4 | .. | 53.6 | 04 | 3 | .. | 9.7 | 6.8 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 25.2 | .. | 28.6 | 26 | 7.4 | .. | 3.3 | 01 | .. | 29.4 | .. | 20.8 | 04 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 26.2 | .. | 29.7 | 26 | 14.2 | .. | 10.1 | 23 | 25.2 | 37.1 | .. | 27.8 | 04 | 3 | .. | 3.1 | 1.9 | .. | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Bhimkund | 24.8 | .. | 28.2 | 25 | 11.4 | .. | 7.1 | 22 | 20.5 | 51.0 | .. | 30.5 | 04 | 3 | .. | 4.0 | 2.0 | .. | 0 | 4 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 |
| Sonepur | 26.4 | .. | 30.0 | 31 | 15.0 | .. | 8.9 | 01 | .. | 30.1 | .. | 15.5 | 27 | 4 | .. | . | 1.9 | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 27.2 | .. | 31.1 | 26 | 12.7 | .. | 7.1 | 01 | 0.0 | 27.0 | .. | 18.8 | 12 | 3 | .. | 7.1 | 4.9 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 26.7 | .. | 30.8 | 25 | 9.4 | .. | 5.2 | 22 | 0.4 | 15.2 | .. | 15.2 | 11 | 1 | .. | 7.3[a] | 5.1[b] | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 33.0 | .. | 36.0 | 28 | .. | .. | .. | .. | 16.0 | 24.5 | .. | 22.0 | 11 | 2 | .. | 8.4 | 7.0 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 31.9 | .. | 35.0 | 28 | 13.5 | .. | 10.8 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 28.8 | .. | 31.2 | 26 | 13.5 | .. | 8.0 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 10.0 | .. | 16.2 | 03 | -2.1 | .. | -5.6 | 08 | 20.3 | 96.5 | .. | 83.8 | 04 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 19.5 | .. | 21.7 | 01 | 8.1 | .. | 6.6 | 17 | 5.0 | 25.0 | .. | 14.2 | 04 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 16.0 | .. | 20.4 | 30 | 3.6[a] | .. | 0.9 | 15 | 17.4 | 50.8 | .. | 27.2 | 05 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 19.4 | .. | 21.5 | 01 | 8.2 | .. | 6.6 | 17 | 3.6 | 17.5 | .. | 6.3 | 04 | 3 | .. | 3.4 | 3.8 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 17.9 | .. | 20.3 | 01 | 9.6 | .. | 8.3 | 16 | 8.8 | 37.9 | .. | 16.6 | 27 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | 9.3[d] | .. | 8.0 | 07 | 16.0 | 40.3 | .. | 16.0 | 05 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 16.1 | .. | 17.8 | 05 | 5.6 | .. | 3.8 | 27 | 6.0 | 7.0 | .. | 6.0 | 27 | 1 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 13.3 | .. | 18.1 | 22 | 4.6 | .. | 2.1 | 27 | 0.0 | 6.3 | .. | 6.3 | 26 | 1 | .. | 5.5 | 4.5 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sallyana | 17.1 | .. | 20.7 | 01 | 6.2 | .. | 3.6 | 27 | 12.3 | 14.4 | .. | 13.4 | 27 | 1 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 23.9 | .. | 26.4 | 01 | 13.1 | .. | 10.4 | 17 | 3.0 | 3.0 | .. | 3.0 | 27 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | See under Nepal . | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 18.3[g] | .. | 21.1 | 03 | 6.8[g] | .. | 5.6 | 31 | 14.0 | 34.6 | .. | 15.6 | 06 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 7.0[g] | .. | 11.9 | 07 | - 2.9[g] | .. | - 7.5 | 04 | 0.0 | 150.6 | .. | 74.9 | 04 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 19.6 | .. | 22.6 | 01 | 6.7 | .. | 5.0 | 19 | 11.4 | 84.6 | .. | 39.0 | 05 | 4 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 14.6 | .. | 19.2 | 01 | 7.3 | .. | 5.9 | 05 | 30.4 | 59.3 | .. | 33.3 | 05 | 2 | .. | .. [h] | .. [h] | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 14.2 | .. | 18.6 | 01 | 4.6[a] | .. | 3.3 | 17 | 6.7 | 53.7 | .. | 39.2 | 04 | 2 | .. | 5.2[h] | 3.6[h] | .. | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Okhaldhunga | 14.8 | .. | 17.1 | 23 | 5.4 | .. | 3.9 | 05 | 14.3 | 53.9 | .. | 31.1 | 05 | 3 | .. | 2.8 | 2.1 | .. | 0 | 3 | 0 | 0 | 0 | 3 | [illegible] | [illegible] | 0 | 0 |
| Chainpur | 17.8 | .. | 20.0 | 01 | 9.3 | .. | 5.8 | 05 | 14.8 | 59.4 | .. | 34.0 | 05 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 20.6 | .. | 22.5 | 11 | .. | .. | .. | .. | 48.2 | 76.6 | .. | 30.2 | 05 | 4 | .. | .. | .. | .. | 0 | 5 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 24.0 | .. | 26.0 | 01 | 11.8 | .. | 10.4 | 22 | 16.6 | 78.5 | .. | 52.8 | 05 | 3 | .. | 5.8 | 4.1 | .. | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 15.5 | .. | 18.6 | 01 | 4.9 | .. | 3.5 | 28 | 11.5 | 110.2 | .. | 44.2 | 04 | 5 | .. | 2.2 | 1.9 | .. | 0 | 6 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Gezing | 17.8 | .. | 21.3 | 01 | 6.0 | .. | 4.6 | 28 | 16.2 | 99.2 | .. | 51.3 | 05 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1968 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1013.6 | 1010.4 | -1.1 | 26.3 | 23.7 | 22.5 | 27.3 | 79 | + 3 | 3.6 | +0.4 | 5.9 | 0 | 2 | 16 | 02 | 10 | 3 | 1 | 0 | 0 | 1 | 1 | 13 | 0 |
| | 1730 | 28 | 1010.9 | 1007.8 | -1.1 | 26.4 | 23.5 | 22.1 | 26.6 | 77 | + 2 | 4.5 | +0.6 | 11.5 | 0 | 3 | 26 | 03 | 21 | 3 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| Long Island | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 0530 | 79 | 1012.5 | 1003.5 | .. | 24.2 | 22.6 | 21.8 | 26.1 | 87 | .. | 4.0 | .. | 8.9 | 0 | 1 | 25 | 01 | 2 | 13 | 7 | 1 | 0 | 0 | 2 | 5 | 0 |
| | 0830 | 79 | 1014.5 | 1005.6 | +0.8 | 28.3 | 24.6 | 22.9 | 27.9 | 73 | + 3 | 4.3 | +0.0 | 10.6 | 0 | 1 | 29 | 00 | 9 | 12 | 9 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1130 | 79 | 1013.1 | 1004.3 | .. | 29.7 | 25.2 | 23.1 | 28.3 | 68 | .. | 4.5 | .. | 12.1 | 0 | 1 | 28 | 00 | 4 | 18 | 7 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 79 | 1012.0 | 1003.1 | +1.0 | 26.2 | 23.4 | 22.0 | 26.4 | 78 | + 1 | 4.3 | -1.1 | 8.9 | 0 | 0 | 30 | 01 | 3 | 21 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 2330 | 79 | 1013.6 | 1004.6 | .. | 24.9 | 23.1 | 22.2 | 26.7 | 85 | .. | 4.3 | .. | 10.1 | 0 | 4 | 22 | 02 | 6 | 14 | 3 | 0 | 0 | 0 | 1 | 5 | 0 |
| Car Nicobar | 0830 | 10 | 1016.7 | 1015.5 | +3.9 | 28.4 | 25.6 | 24.4 | 30.5 | 78 | + 4 | 4.0 | -0.5 | 2.0 | 0 | 0 | 27 | 00 | 23 | 2 | 2 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 10 | 1010.9 | 1009.7 | +0.6 | 27.1 | 24.4 | 23.1 | 28.3 | 78 | - 1 | 4.7 | +0.3 | 2.0 | 0 | 0 | 25 | 00 | 17 | 6 | 2 | 0 | 0 | 0 | 0 | 6 | 0 |
| Nancowry | 0830 | 26 | 1013.3 | 1010.4 | +0.7 | 28.2 | 25.5 | 24.3 | 30.4 | 80 | + 0 | 4.6 | -0.6 | 0.9 | 0 | 0 | 9 | 00 | 1 | 3 | 4 | 1 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 26 | 1010.6 | 1007.7 | +0.5 | 27.4 | 24.8 | 23.6 | 29.1 | 80 | - 2 | 4.5 | -0.5 | 0.7 | 0 | 0 | 6 | 00 | 1 | 4 | 1 | 0 | 0 | 0 | 0 | 25 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 27.6 | 25.0 | 23.8 | 29.5 | 80 | - 3 | 5.3 | +0.0 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 8 | .. | .. | .. | 27.5 | 24.9 | 23.7 | 29.3 | 80 | - 4 | 4.2 | -1.1 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1019.5 | 1001.0 | +0.4 | 15.8 | 12.7 | 9.9 | 12.2 | 68 | - 1 | 2.9 | -0.9 | 25.1 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| | 1730 | 157 | 1015.4 | 997.0 | +0.0 | 16.7 | 14.7 | 13.1 | 15.1 | 79 | + 3 | 3.4 | -0.4 | 4.6 | 0 | 0 | 24 | 01 | 1 | 0 | 2 | 1 | 1 | 1 | 17 | 7 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1017.2 | 1003.9 | .. | 10.6 | 10.1 | 9.6 | 11.9 | 94 | .. | 1.5 | .. | 0.3 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 0530 | 111 | 1017.7 | 1004.3 | .. | 9.3 | 9.0 | 8.7 | 11.2 | 95 | .. | 2.6 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 111 | 1019.7 | 1006.5 | +1.0 | 15.3 | 13.6 | 12.2 | 14.2 | 82 | - 1 | 2.0 | -1.5 | 6.2 | 0 | 0 | 29 | 00 | 20 | 8 | 1 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 111 | 1017.4 | 1004.5 | .. | 21.4 | 16.2 | 12.2 | 14.2 | 57 | .. | 2.1 | .. | 6.1 | 0 | 0 | 31 | 03 | 19 | 6 | 0 | 1 | 1 | 0 | 1 | 0 | 0 |
| | 1430 | 111 | 1014.6 | 1001.8 | .. | 23.4 | 16.9 | 11.9 | 13.9 | 49 | . | 2.6 | .. | 5.2 | 0 | 0 | 27 | 04 | 10 | 4 | 2 | 2 | 1 | 1 | 3 | 4 | 0 |
| | 1730 | 111 | 1015.3 | 1002.4 | +0.7 | 18.0 | 15.4 | 13.4 | 15.4 | 74 | - 4 | 2.4 | -0.8 | 0.7 | 0 | 0 | 5 | 01 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 2030 | 111 | 1017.3 | 1004.1 | .. | 13.4 | 12.3 | 11.3 | 13.4 | 88 | .. | 1.8 | .. | 1.1 | 0 | 0 | 4 | 00 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 27 | 0 |
| | 2330 | 111 | 1017.8 | 1004.5 | .. | 11.6 | 11.0 | 10.4 | 12.6 | 93 | .. | 1.6 | .. | 0.8 | 0 | 0 | 4 | 00 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1019.5 | 1007.4 | +0.9 | 16.8 | 14.2 | 12.1 | 14.1 | 74 | -10 | 1.3 | -2.3 | 3.4 | 0 | 0 | 25 | 05 | 11 | 3 | 3 | 1 | 0 | 0 | 2 | 6 | 0 |
| | 1130 | 102 | 1017.6 | 1005.8 | .. | 21.7 | 16.5 | 12.6 | 14.6 | 57 | .. | 1.8 | .. | 4.6 | 0 | 0 | 28 | 00 | 6 | 9 | 9 | 3 | 1 | 0 | 0 | 3 | 0 |
| | 1430 | 102 | 1014.9 | 1003.2 | .. | 23.3 | 16.6 | 11.4 | 13.5 | 48 | .. | 2.3 | .. | 3.9 | 0 | 0 | 27 | 04 | 2 | 10 | 4 | 4 | 2 | 1 | 0 | 4 | 0 |
| | 1730 | 102 | 1015.4 | 1003.4 | +0.7 | 17.5 | 15.1 | 13.2 | 15.2 | 76 | - 6 | 2.2 | -1.6 | 1.9 | 0 | 0 | 13 | 04 | 1 | 2 | 0 | 1 | 1 | 1 | 3 | 18 | 0 |
| | 2030 | 102 | 1017.4 | 1005.2 | .. | 13.8 | 12.9 | 12.1 | 14.1 | 91 | .. | 1.5 | .. | 0.4 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 27 | 0 |
| Sibsagar | 0830 | 97 | 1019.6 | 1008.1 | +1.2 | 15.6 | 14.4 | 13.5 | 15.5 | 87 | - 4 | 3.1 | -3.0 | 1.5 | 0 | 0 | 19 | 11 | 5 | 0 | 0 | 2 | 1 | 0 | 0 | 12 | 0 |
| | 1730 | 97 | 1014.7 | 1003.5 | +0.6 | 22.0 | 17.4 | 14.2 | 16.2 | 62 | -16 | 2.3 | -1.0 | 0.8 | 0 | 0 | 9 | 02 | 5 | 0 | 1 | 0 | 1 | 0 | 0 | 22 | 0 |
| Gohpur | 0830 | 83 | 1019.4 | 1009.6 | .. | 14.5 | 13.8 | 13.3 | 15.3 | 92 | + 5 | 2.9 | .. | 1.9 | 0 | 0 | 19 | 02 | 6 | 1 | 6 | 0 | 2 | 0 | 2 | 12 | 0 |
| | 1730 | 83 | 1014.9 | 1005.3 | .. | 18.0 | 16.2 | 14.5 | 16.9 | 83 | + 9 | 2.5 | .. | 1.1 | 0 | 0 | 11 | 03 | 4 | 0 | 2 | 0 | 0 | 0 | 2 | 20 | 0 |
| Majbat | 0830 | | .. | .. | .. | 16.3 | 13.9 | 12.0 | 14.0 | 75 | .. | 3.0 | -0.2 | 1.0 | 0 | 0 | 12 | 00 | 8 | 0 | 0 | 1 | 2 | 0 | 1 | 19 | 0 |
| | 1730 | | .. | .. | .. | 19.6 | 16.6 | 14.5 | 16.5 | 72 | .. | 3.4 | +0.9 | 0.3 | 0 | 0 | 5 | 00 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 26 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1016.7 | 1006.0 | .. | 10.7 | 10.5 | 10.3 | 12.5 | 96 | .. | 3.2 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 90 | 1018.9 | 1008.3 | .. | 14.8 | 13.9 | 13.3 | 15.3 | 90 | .. | 2.1 | .. | 0.1 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 1130 | 90 | 1017.0 | 1006.6 | .. | 21.5 | 16.8 | 13.3 | 15.3 | 61 | .. | 2.1 | .. | 1.1 | 0 | 0 | 23 | 01 | 12 | 6 | 1 | 0 | 1 | 0 | 2 | 8 | 0 |
| | 1730 | 90 | 1014.6 | 1004.2 | .. | 18.3 | 15.8 | 13.9 | 15.9 | 75 | .. | 2.0 | .. | 0.1 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 2330 | 90 | 1017.0 | 1006.3 | .. | 12.7 | 12.5 | 12.3 | 14.3 | 97 | .. | 1.3 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Tangla | 0830 | 78 | 1017.9 | 1008.7 | +0.0 | 16.6 | 15.0 | 13.8 | 15.8 | 83 | + 5 | 1.4 | -0.5 | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 28 | 0 |
| | 1730 | 78 | 1014.4 | 1005.3 | +0.0 | 20.3 | 18.8 | 17.9 | 20.5 | 85 | + 9 | 1.2 | -0.4 | 0.2 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 0 |
| Tezpur | 0830 | 79 | 1019.4 | 1010.1 | +0.8 | 14.7 | 13.3 | 12.1 | 14.1 | 85 | + 1 | 1.7 | -0.8 | 1.6 | 0 | 0 | 21 | 00 | 18 | 2 | 0 | 0 | 1 | 0 | 0 | 10 | 0 |
| | 1730 | 79 | 1015.2 | 1006.0 | +1.0 | 20.0 | 17.5 | 15.8 | 17.9 | 77 | + 5 | 1.4 | -0.4 | 0.4 | 0 | 0 | 6 | 00 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Golaghat | 0830 | 95 | 1018.7 | 1007.5 | +0.4 | 16.1 | 14.3 | 12.9 | 14.9 | 81 | - 2 | 2.9 | -0.8 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 95 | 1013.9 | 1002.9 | +0.1 | 23.1 | 17.4 | 13.3 | 15.3 | 54 | -13 | 1.5 | -1.9 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangia | 0830 | 60 | 1020.2 | 1013.2 | .. | 17.5 | 15.8 | 14.6 | 16.6 | 83 | + 2 | 1.5 | .. | 5.2 | 0 | 0 | 27 | 00 | 10 | 14 | 3 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 60 | 1018.1 | 1009.1 | .. | 19.9 | 17.6 | 16.1 | 18.3 | 78 | + 6 | 1.2 | .. | 1.1 | 0 | 0 | 5 | 00 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Chaparmukh | 0830 | 66 | 1020.2 | 1012.6 | +1.1 | 16.7 | 15.0 | 13.7 | 15.7 | 84 | + 5 | 1.5 | -1.0 | 3.6 | 0 | 0 | 30 | 01 | 2 | 12 | 13 | 0 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 66 | 1015.9 | 1008.4 | +1.6 | 20.7 | 17.3 | 14.9 | 16.9 | 70 | - 2 | 1.9 | -0.5 | 2.1 | 0 | 0 | 18 | 05 | 3 | 1 | 5 | 1 | 1 | 0 | 2 | 13 | 0 |
| Goalpara | 0830 | 38 | 1019.3 | 1014.8 | +1.7 | 15.7 | 14.4 | 13.4 | 15.4 | 88 | + 3 | 1.5 | -1.5 | 1.2 | 0 | 0 | 14 | 00 | 11 | 2 | 0 | 0 | 0 | 1 | 0 | 17 | 0 |
| | 1730 | 38 | 1014.7 | 1010.4 | +1.6 | 23.1 | 18.5 | 15.5 | 17.6 | 62 | - 1 | 0.6 | -0.7 | 0.9 | 0 | 0 | 13 | 00 | 3 | 1 | 5 | 0 | 0 | 0 | 4 | 18 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1016.2 | 1009.7 | .. | 12.5 | 12.2 | 12.0 | 14.0 | 97 | .. | 1.4 | .. | 1.2 | 0 | 0 | 7 | 00 | 3 | 1 | 1 | 0 | 1 | 1 | 0 | 24 | 0 |
| | 0530 | 54 | 1016.7 | 1010.2 | .. | 11.6 | 11.4 | 11.2 | 13.3 | 97 | .. | 2.0 | .. | 1.0 | 0 | 0 | 4 | 00 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 54 | 1019.1 | 1012.6 | +0.7 | 15.5 | 14.6 | 13.9 | 15.9 | 90 | + 4 | 3.0 | +0.5 | 2.1 | 0 | 0 | 12 | 01 | 6 | 0 | 2 | 0 | 1 | 1 | 1 | 19 | 0 |
| | 1130 | 54 | 1017.3 | 1010.9 | .. | 21.5 | 17.3 | 14.3 | 16.3 | 65 | .. | 2.5 | .. | 5.0 | 0 | 0 | 27 | 04 | 15 | 3 | 1 | 0 | 0 | 3 | 1 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Borjor) (Contd.) | 1430 | 54 | 1014.1 | 1007.9 | .. | 23.5 | 17.7 | 13.6 | 15.6 | 55 | .. | 2.9 | .. | 5.9 | 0 | 0 | 27 | 06 | 14 | 1 | 0 | 0 | 1 | 1 | 3 | 4 | 1 |
| | 1730 | 54 | 1014.7 | 1008.4 | +0.4 | 19.2 | 16.6 | 14.8 | 16.8 | 76 | + 2 | 2.8 | +0.1 | 1.7 | 0 | 0 | 14 | 03 | 5 | 1 | 0 | 5 | 0 | 0 | 0 | 17 | 0 |
| | 2030 | 54 | 1016.7 | 1010.3 | .. | 15.4 | 14.7 | 14.2 | 16.2 | 92 | .. | 1.5 | .. | 0.8 | 0 | 0 | 4 | 00 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 27 | 0 |
| | 2330 | 54 | 1016.8 | 1010.4 | .. | 13.9 | 13.4 | 13.0 | 15.0 | 95 | .. | 1.2 | .. | 0.5 | 0 | 0 | 4 | 01 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| Dhubri (Rupsi) | 0530 | 36 | 1016.4 | 1011.0 | .. | 11.5 | 11.2 | 10.9 | 13.0 | 96 | . | 1.7 | .. | 5.0 | 0 | 1 | 24 | 01 | 17 | 4 | 2 | 0 | 1 | 0 | 0 | 6 | 0 |
| | 0830 | 36 | 1018.6 | 1013.3 | +1.6 | 16.1 | 14.8 | 13.8 | 15.8 | 86 | + 6 | 2.2 | +0.3 | 5.9 | 0 | 1 | 27 | 01 | 14 | 9 | 2 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 1130 | 36 | 1017.2 | 1012.0 | .. | 21.7 | 17.5 | 14.6 | 16.8 | 65 | .. | 1.9 | .. | 8.3 | 0 | 2 | 29 | 00 | 9 | 20 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 36 | 1014.3 | 1009.1 | +1.1 | 20.1 | 17.6 | 15.9 | 18.1 | 77 | - 2 | 1.6 | +0.2 | 2.1 | 0 | 0 | 9 | 00 | 1 | 3 | 2 | 0 | 1 | 1 | 1 | 22 | 0 |
| Dhubri | 0830 | 35 | 1019.2 | 1015.0 | +1.3 | 15.6 | 14.9 | 14.4 | 16.4 | 92 | + 8 | 1.2 | -0.6 | 6.4 | 0 | 1 | 28 | 00 | 22 | 5 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 35 | 1015.4 | 1011.3 | +1.4 | 20.0 | 16.8 | 14.5 | 16.5 | 73 | + 8 | 0.5 | -1.1 | 0.8 | 0 | 1 | 2 | 00 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Lumding | 0830 | 149 | 1019.5 | 1001.6 | .. | 11.1 | 10.7 | 10.3 | 12.5 | 95 | +13 | 2.2 | .. | 0.9 | 0 | 0 | 10 | 00 | 2 | 7 | 1 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 149 | 1014.8 | 997.5 | .. | 20.9 | 19.7 | 19.0 | 22.0 | 90 | .. | 2.1 | .. | 0.5 | 0 | 0 | 7 | 02 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 24 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1018.7 | 975.6 | +0.2 | 15.4 | 14.8 | 14.3 | 16.3 | 92 | +16 | 5.9 | +3.8 | 4.5 | 0 | 0 | 30 | 01 | 7 | 15 | 6 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 370 | 1014.7 | 972.6 | +0.3 | 21.4 | 21.1 | 20.0 | 23.4 | 97 | +30 | 7.5 | +4.6 | 2.5 | 0 | 0 | 24 | 05 | 1 | 5 | 1 | 5 | 2 | 3 | 2 | 6 | 0 |
| Haflong | 0830 | 682 | 1019.2 | 941.4 | +2.1 | 15.6 | 13.2 | 11.4 | 13.5 | 77 | + 5 | 2.7 | +0.5 | 1.6 | 0 | 0 | 24 | 00 | 1 | 0 | 0 | 0 | 2 | 0 | 21 | 7 | 0 |
| | 1730 | 682 | 1014.5 | 937.2 | +1.3 | 17.0 | 15.0 | 13.6 | 15.6 | 79 | +13 | 2.7 | +0.1 | 1.7 | 0 | 0 | 16 | 01 | 0 | 0 | 1 | 0 | 11 | 0 | 3 | 15 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1015.1 | 1003.6 | .. | 12.8 | 11.7 | 10.6 | 12.8 | 87 | .. | 2.1 | .. | 6.7 | 0 | 0 | 31 | 00 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 97 | 1017.1 | 1005.7 | +0.5 | 16.5 | 14.0 | 11.9 | 13.9 | 75 | + 0 | 2.3 | +0.5 | 9.4 | 0 | 0 | 31 | 00 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 97 | 1015.1 | 1003.9 | .. | 22.1 | 16.2 | 11.6 | 13.7 | 52 | .. | 2.7 | .. | 6.0 | 0 | 0 | 30 | 01 | 3 | 22 | 3 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 97 | 1013.0 | 1001.9 | +0.6 | 20.9 | 16.6 | 13.5 | 15.5 | 63 | + 2 | 2.4 | +0.9 | 3.7 | 0 | 0 | 21 | 03 | 7 | 8 | 0 | 1 | 1 | 1 | 0 | 10 | 0 |
| Silchar | 0830 | 29 | 1019.1 | 1015.6 | +1.2 | 16.8 | 14.9 | 13.4 | 15.4 | 80 | - 4 | 2.5 | +0.8 | 0.9 | 0 | 0 | 14 | 01 | 3 | 4 | 5 | 1 | 0 | 0 | 0 | 17 | 0 |
| | 1730 | 29 | 1015.2 | 1011.8 | +1.8 | 21.5 | 17.3 | 14.3 | 16.3 | 63 | - 1 | 2.5 | +1.2 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1020.9 | 929.4 | .. | 6.2 | 5.9 | 5.5 | 9.0 | 95 | .. | 3.8 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 781 | 1021.5 | 931.4 | +1.1 | 10.9 | 9.5 | 8.0 | 10.7 | 83 | + 7 | 4.7 | +2.5 | 0.7 | 0 | 0 | 3 | 00 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 1130 | 781 | 1017.4 | 929.4 | .. | 17.1 | 12.9 | 9.0 | 11.5 | 61 | .. | 3.1 | .. | 3.0 | 0 | 0 | 14 | 01 | 0 | 0 | 3 | 2 | 7 | 1 | 0 | 17 | 0 |
| | 1430 | 781 | 1013.6 | 926.8 | .. | 19.9 | 13.5 | 7.5 | 10.4 | 47 | .. | 3.6 | .. | 4.8 | 0 | 0 | 18 | 00 | 1 | 1 | 4 | 9 | 3 | 0 | 0 | 13 | 0 |
| | 1730 | 781 | 1015.5 | 927.2 | +2.6 | 15.4 | 12.1 | 9.0 | 11.5 | 67 | + 6 | 3.3 | +1.5 | 4.6 | 0 | 0 | 17 | 01 | 0 | 0 | 0 | 3 | 1 | 6 | 6 | 14 | 0 |
| | 2030 | 781 | 1018.6 | 928.9 | .. | 11.5 | 10.2 | 8.9 | 11.4 | 85 | .. | 1.8 | .. | 1.0 | 0 | 0 | 5 | 03 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 26 | 0 |
| | 2330 | 781 | 1019.9 | 929.3 | .. | 9.1 | 8.4 | 7.6 | 10.4 | 91 | .. | 1.6 | .. | 0.3 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| Kailashahar | 0530 | 30 | 1016.7 | 1013.2 | .. | 12.4 | 12.2 | 12.0 | 14.0 | 98 | .. | 3.0 | .. | 0.8 | 0 | 0 | 10 | 01 | 1 | 3 | 0 | 3 | 1 | 0 | 1 | 21 | 0 |
| | 0830 | 30 | 1018.6 | 1015.1 | +0.8 | 16.0 | 15.0 | 14.3 | 16.3 | 90 | + 9 | 3.7 | +2.2 | 2.8 | 0 | 0 | 30 | 02 | 3 | 1 | 3 | 4 | 13 | 0 | 3 | 1 | 1 |
| | 1130 | 30 | 1017.2 | 1013.9 | .. | 22.4 | 18.0 | 15.0 | 17.0 | 64 | .. | 4.2 | .. | 4.1 | 0 | 0 | 30 | 07 | 7 | 3 | 2 | 3 | 3 | 2 | 2 | 1 | 1 |
| | 1730 | 30 | 1015.1 | 1011.7 | +1.2 | 20.9 | 17.8 | 15.7 | 17.8 | 74 | + 9 | 2.7 | +1.1 | 0.7 | 0 | 0 | 8 | 00 | 1 | 3 | 2 | 1 | 0 | 1 | 0 | 23 | 0 |
| Agartala | 0230 | 14 | 1014.5 | 1012.6 | .. | 14.1 | 13.3 | 12.6 | 14.6 | 91 | .. | 1.6 | .. | 0.3 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 0530 | 14 | 1014.8 | 1012.9 | .. | 12.6 | 11.9 | 11.3 | 13.4 | 92 | .. | 2.4 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 0830 | 14 | 1017.2 | 1015.3 | +0.7 | 17.9 | 16.0 | 14.7 | 16.7 | 82 | + 3 | 3.1 | +1.4 | 4.2 | 0 | 1 | 16 | 08 | 2 | 2 | 1 | 1 | 0 | 0 | 3 | 14 | 0 |
| | 1130 | 14 | 1015.9 | 1014.1 | .. | 23.8 | 17.7 | 13.3 | 15.3 | 53 | .. | 3.9 | .. | 8.6 | 0 | 0 | 30 | 10 | 5 | 0 | 0 | 2 | 0 | 4 | 9 | 1 | 0 |
| | 1430 | 14 | 1013.5 | 1011.7 | .. | 25.2 | 17.9 | 12.6 | 14.6 | 46 | .. | 4.3 | .. | 8.3 | 0 | 0 | 29 | 06 | 1 | 0 | 2 | 2 | 1 | 7 | 10 | 2 | 0 |
| | 1730 | 14 | 1013.8 | 1012.0 | +0.8 | 21.5 | 17.2 | 14.3 | 16.3 | 63 | + 2 | 2.4 | +0.7 | 3.0 | 0 | 0 | 16 | 06 | 1 | 0 | 1 | 0 | 0 | 1 | 7 | 15 | 0 |
| | 2030 | 14 | 1015.2 | 1013.5 | .. | 16.8 | 15.2 | 14.0 | 16.0 | 83 | .. | 2.2 | .. | 0.6 | 0 | 0 | 3 | 00 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 2330 | 14 | 1015.5 | 1013.6 | .. | 15.0 | 14.0 | 13.2 | 15.2 | 89 | .. | 2.0 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 29 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghlogra | 0230 | 131 | 1016.7 | 1000.9 | .. | 11.2 | 10.6 | 10.0 | 12.3 | 93 | .. | 1.5 | .. | 2.1 | 0 | 0 | 7 | 05 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 131 | 1016.9 | 1001.1 | .. | 10.3 | 9.9 | 9.5 | 11.9 | 94 | .. | 1.8 | .. | 3.1 | 0 | 0 | 11 | 08 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 0830 | 131 | 1019.2 | 1003.7 | +1.6 | 15.8 | 13.9 | 12.3 | 14.3 | 81 | + 0 | 2.3 | +0.0 | 2.5 | 0 | 0 | 9 | 01 | 3 | 3 | 0 | 0 | 2 | 0 | 0 | 22 | 0 |
| | 1130 | 131 | 1017.9 | 1002.7 | .. | 22.7 | 17.1 | 13.0 | 15.0 | 55 | .. | 2.5 | .. | 11.1 | 0 | 2 | 27 | 00 | 2 | 15 | 6 | 3 | 3 | 0 | 0 | 2 | 0 |
| | 1430 | 131 | 1014.9 | 999.9 | .. | 24.7 | 17.4 | 12.0 | 14.0 | 46 | .. | 3.0 | .. | 6.5 | 0 | 0 | 26 | 00 | 5 | 4 | 1 | 8 | 6 | 2 | 0 | 5 | 0 |
| | 1730 | 131 | 1015.2 | 999.9 | +1.2 | 19.7 | 16.3 | 13.8 | 15.8 | 69 | - 4 | 2.2 | -1.0 | 4.8 | 0 | 0 | 18 | 00 | 2 | 3 | 0 | 1 | 9 | 3 | 0 | 13 | 0 |
| | 2030 | 131 | 1017.1 | 1001.6 | .. | 15.7 | 14.2 | 13.0 | 15.0 | 84 | .. | 1.5 | .. | 4.1 | 0 | 0 | 15 | 08 | 2 | 0 | 0 | 0 | 1 | 1 | 3 | 16 | 0 |
| | 2330 | 131 | 1017.6 | 1001.8 | .. | 12.8 | 12.2 | 11.7 | 13.7 | 92 | .. | 1.7 | .. | 3.3 | 0 | 1 | 10 | 07 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| Jalpaiguri | 0830 | 83 | 1018.7 | 1008.9 | +1.2 | 13.7 | 12.9 | 12.2 | 14.2 | 91 | + 4 | 1.3 | -0.6 | 4.3 | 0 | 1 | 28 | 11 | 8 | 1 | 1 | 0 | 1 | 3 | 4 | 2 | 0 |
| | 1730 | 83 | 1014.5 | 1005.0 | +1.0 | 22.0 | 18.1 | 15.5 | 17.6 | 67 | + 8 | 0.7 | -1.0 | 2.8 | 0 | 1 | 13 | 01 | 2 | 2 | 3 | 2 | 1 | 2 | 1 | 17 | 0 |
| Cooch Behar | 0830 | 43 | 1019.1 | 1014.0 | +1.1 | 16.0 | 14.4 | 13.1 | 15.1 | 83 | + 7 | 1.8 | -0.1 | 6.3 | 0 | 2 | 22 | 01 | 5 | 18 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 1130 | 43 | 1017.6 | 1012.6 | .. | 22.0 | 17.2 | 13.8 | 15.8 | 60 | .. | 1.6 | .. | 10.1 | 0 | 1 | 25 | 01 | 5 | 15 | 4 | 0 | 0 | 1 | 0 | 5 | 0 |
| | 1730 | 43 | 1015.1 | 1010.1 | +1.2 | 20.1 | 16.8 | 14.5 | 16.5 | 70 | + 1 | 1.6 | +0.0 | 1.2 | 0 | 1 | 1 | 00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Balurghat | 0830 | 26 | 1017.7 | 1014.6 | .. | 17.5 | 14.9 | 12.9 | 14.9 | 75 | .. | 1.9 | .. | 2.4 | 0 | 0 | 22 | 08 | 2 | 2 | 1 | 0 | 0 | 1 | 8 | 9 | 0 |
| | 1730 | 26 | 1014.0 | 1011.0 | .. | 20.3 | 17.0 | 14.7 | 16.7 | 70 | .. | 1.8 | .. | 0.2 | 0 | 0 | 3 | 00 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 28 | 0 |
| Malda | 0830 | 31 | 1018.8 | 1015.1 | +1.1 | 17.0 | 13.9 | 11.3 | 13.4 | 70 | - 2 | 1.9 | +0.4 | 1.6 | 0 | 0 | 17 | 06 | 2 | 1 | 0 | 0 | 0 | 1 | 7 | 14 | 0 |
| | 1730 | 31 | 1015.0 | 1011.3 | +0.9 | 21.2 | 16.0 | 12.0 | 14.0 | 56 | - 2 | 2.3 | +0.9 | 1.0 | 0 | 0 | 14 | 01 | 1 | 0 | 0 | 0 | 0 | 1 | 11 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Berhampore** | 0830 | 19 | 1018.7 | 1016.4 | +1.1 | 16.1 | 14.1 | 12.5 | 14.5 | 80 | + 6 | 2.5 | +0.8 | 1.5 | 0 | 0 | 16 | 02 | 1 | 3 | 0 | 2 | 4 | 3 | 1 | 15 | 0 |
| | 1730 | 19 | 1014.8 | 1012.6 | +1.1 | 21.1 | 16.8 | 13.7 | 15.7 | 63 | + 8 | 2.6 | +1.0 | 0.3 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| **Suri** | 0830 | | .. | .. | .. | 17.7 | 14.2 | 11.3 | 13.4 | 66 | + 2 | 2.1 | +0.3 | 3.2 | 0 | 0 | 31 | 07 | 1 | 2 | 0 | 1 | 1 | 16 | 3 | 0 | 0 |
| **Asansol** | 0230 | 126 | 1016.6 | 1001.5 | .. | 12.9 | 11.7 | 10.6 | 12.8 | 85 | .. | 1.6 | .. | 1.2 | 0 | 0 | 8 | 03 | 0 | 0 | 1 | 0 | 0 | 1 | 3 | 23 | 0 |
| | 0530 | 126 | 1017.0 | 1001.9 | .. | 12.3 | 11.3 | 10.4 | 12.6 | 88 | .. | 1.9 | .. | 2.1 | 0 | 0 | 13 | 00 | 1 | 0 | 0 | 0 | 0 | 3 | 9 | 18 | 0 |
| | 0830 | 126 | 1019.1 | 1004.2 | +1.4 | 16.3 | 13.7 | 11.5 | 13.6 | 73 | + 6 | 2.7 | +0.9 | 4.4 | 0 | 0 | 25 | 00 | 1 | 1 | 0 | 0 | 0 | 10 | 13 | 6 | 0 |
| | 1130 | 126 | 1017.9 | 1003.2 | .. | 23.0 | 15.9 | 10.1 | 12.3 | 45 | .. | 2.8 | .. | 6.9 | 0 | 1 | 27 | 06 | 2 | 1 | 5 | 1 | 0 | 1 | 12 | 3 | 0 |
| | 1430 | 126 | 1014.9 | 1000.5 | .. | 24.6 | 16.3 | 9.5 | 11.9 | 40 | .. | 2.8 | .. | 7.8 | 0 | 1 | 29 | 06 | 2 | 2 | 4 | 1 | 0 | 1 | 14 | 1 | 0 |
| | 1730 | 126 | 1015.1 | 1000.5 | +1.5 | 21.0 | 15.5 | 11.1 | 13.2 | 54 | + 9 | 2.8 | +1.0 | 2.9 | 0 | 0 | 15 | 00 | 1 | 0 | 0 | 0 | 0 | 5 | 9 | 16 | 0 |
| | 2030 | 126 | 1017.1 | 1002.2 | .. | 15.7 | 13.2 | 11.0 | 13.1 | 75 | .. | 1.0 | .. | 1.7 | 0 | 0 | 9 | 00 | 1 | 1 | 0 | 0 | 0 | 1 | 6 | 22 | 0 |
| | 2330 | 126 | 1017.4 | 1002.4 | .. | 13.9 | 12.3 | 10.9 | 13.0 | 81 | .. | 1.3 | .. | 1.0 | 0 | 0 | 7 | 02 | 0 | 0 | 1 | 0 | 1 | 1 | 2 | 24 | 0 |
| **Shanti Niketan** | 0830 | 59 | 1018.9 | 1011.9 | .. | 16.2 | 13.9 | 12.0 | 14.0 | 77 | .. | 2.9 | .. | 3.9 | 0 | 0 | 23 | 10 | 2 | 0 | 0 | 0 | 0 | 7 | 4 | 8 | 0 |
| | 1130 | 59 | 1018.1 | 1011.2 | .. | 22.7 | 16.4 | 11.5 | 13.6 | 50 | .. | 2.8 | .. | 4.8 | 0 | 0 | 29 | 15 | 3 | 1 | 0 | 1 | 0 | 1 | 8 | 2 | 0 |
| | 1730 | 59 | 1015.1 | 1008.3 | .. | 20.7 | 16.2 | 12.8 | 14.8 | 62 | .. | 2.7 | .. | 4.1 | 0 | 0 | 26 | 08 | 6 | 0 | 0 | 2 | 0 | 1 | 9 | 5 | 0 |
| **Krishnanagar** | 0830 | 15 | 1018.4 | 1016.7 | +0.8 | 17.7 | 15.1 | 13.1 | 15.1 | 75 | + 0 | 2.2 | +0.6 | 0.3 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 27 | 0 |
| | 1730 | 15 | 1016.2 | 1014.5 | +2.1 | 21.4 | 18.0 | 15.7 | 17.8 | 70 | +12 | 1.7 | +0.1 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| **Purulia** | 0830 | 255 | 1019.6 | 989.7 | +1.1 | 15.8 | 12.9 | 10.3 | 12.5 | 70 | +10 | 3.2 | +1.5 | 4.5 | 0 | 0 | 30 | 06 | 0 | 1 | 0 | 1 | 2 | 9 | 11 | 1 | 0 |
| | 1730 | 255 | 1015.6 | 986.2 | +1.2 | 21.8 | 16.1 | 11.7 | 13.7 | 53 | + 6 | 3.3 | +1.1 | 1.7 | 0 | 0 | 13 | 03 | 3 | 0 | 2 | 0 | 0 | 0 | 5 | 18 | 0 |
| **Bankura** | 0830 | 100 | 1018.6 | 1006.9 | .. | 16.2 | 13.8 | 11.8 | 13.8 | 75 | .. | 1.5 | .. | 0.8 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 0 | 2 | 5 | 4 | 19 | 1 |
| | 1730 | 100 | 1014.8 | 1003.4 | .. | 22.4 | 16.6 | 12.2 | 14.2 | 54 | .. | 1.1 | .. | 0.3 | 0 | 0 | 5 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4 |
| **Burdwan** | 0830 | 32 | 1018.9 | 1015.1 | +1.4 | 18.2 | 16.2 | 14.8 | 16.8 | 80 | +11 | 2.1 | +0.7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 32 | 1014.7 | 1011.0 | +1.0 | 22.1 | 19.2 | 17.5 | 20.0 | 76 | +26 | 2.0 | +0.7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Barrackpore Aerodrome** | 0530 | 7 | 1016.3 | 1015.5 | .. | 13.0 | 12.3 | 11.7 | 13.7 | 91 | .. | 2.5 | .. | 0.9 | 0 | 0 | 4 | 02 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 7 | 1018.6 | 1017.8 | .. | 17.4 | 14.9 | 12.9 | 14.9 | 75 | .. | 2.8 | .. | 4.5 | 0 | 0 | 23 | 06 | 4 | 1 | 0 | 0 | 1 | 2 | 9 | 8 | 0 |
| | 1130 | 7 | 1017.3 | 1016.5 | .. | 23.1 | 16.7 | 11.8 | 13.8 | 51 | .. | 2.1 | .. | 8.5 | 0 | 0 | 30 | 10 | 5 | 1 | 0 | 0 | 0 | 3 | 11 | 1 | 0 |
| | 1730 | 7 | 1014.9 | 1014.1 | .. | 20.8 | 17.4 | 15.1 | 17.1 | 70 | .. | 3.0 | .. | 1.8 | 0 | 0 | 13 | 04 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 18 | 0 |
| | 2330 | 7 | 1016.7 | 1015.9 | .. | 15.1 | 14.1 | 13.3 | 15.3 | 89 | .. | 1.4 | .. | 0.8 | 0 | 0 | 4 | 02 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| **Calcutta (Dum Dum)** | 0230 | 6 | 1015.3 | 1014.6 | .. | 14.3 | 13.5 | 12.8 | 14.8 | 91 | .. | 1.7 | .. | 0.8 | 0 | 0 | 5 | 01 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 26 | 0 |
| | 0530 | 6 | 1015.7 | 1015.0 | .. | 13.4 | 12.7 | 12.1 | 14.1 | 93 | .. | 2.7 | .. | 1.3 | 0 | 0 | 8 | 03 | 2 | 0 | 0 | 0 | 1 | 0 | 2 | 23 | 0 |
| | 0830 | 6 | 1018.2 | 1017.5 | +0.7 | 17.4 | 15.0 | 13.1 | 15.1 | 76 | + 2 | 3.0 | +1.4 | 2.8 | 0 | 0 | 22 | 04 | 5 | 1 | 0 | 0 | 0 | 1 | 11 | 9 | 0 |
| | 1130 | 6 | 1017.1 | 1016.4 | .. | 23.0 | 16.9 | 12.3 | 14.3 | 52 | .. | 3.4 | .. | 6.4 | 0 | 0 | 30 | 06 | 7 | 4 | 0 | 0 | 1 | 0 | 12 | 1 | 0 |
| | 1430 | 6 | 1014.4 | 1013.7 | .. | 24.7 | 17.7 | 12.6 | 14.6 | 48 | .. | 3.5 | .. | 5.5 | 0 | 0 | 26 | 03 | 0 | 0 | 0 | 0 | 1 | 0 | 22 | 5 | 0 |
| | 1730 | 6 | 1014.5 | 1013.8 | +0.6 | 21.8 | 17.5 | 14.5 | 16.5 | 64 | + 7 | 3.2 | +1.7 | 0.9 | 0 | 0 | 6 | 03 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 25 | 0 |
| | 2030 | 6 | 1016.2 | 1015.5 | .. | 17.2 | 15.8 | 14.8 | 16.8 | 85 | .. | 2.2 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 2330 | 6 | 1016.1 | 1015.4 | .. | 15.5 | 14.5 | 13.7 | 15.7 | 90 | .. | 1.7 | .. | 0.7 | 0 | 0 | 6 | 02 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 25 | 0 |
| **Calcutta** | 0830 | 6 | 1018.4 | 1017.6 | +0.9 | 18.5 | 15.3 | 12.8 | 14.8 | 70 | - 8 | 2.6 | +1.1 | 4.1 | 0 | 0 | 23 | 04 | 4 | 1 | 0 | 0 | 0 | 2 | 12 | 8 | 0 |
| | 1130 | 6 | 1017.0 | 1016.3 | .. | 23.8 | 16.9 | 11.6 | 13.7 | 47 | .. | 2.7 | .. | 7.0 | 0 | 0 | 28 | 11 | 2 | 3 | 0 | 1 | 0 | 1 | 10 | 3 | 0 |
| | 1730 | 6 | 1014.6 | 1013.8 | +0.7 | 22.0 | 16.7 | 12.7 | 14.7 | 56 | + 0 | 2.8 | +1.2 | 3.5 | 0 | 0 | 24 | 09 | 1 | 0 | 0 | 1 | 0 | 0 | 13 | 7 | 0 |
| **Midnapore** | 0830 | 45 | 1018.6 | 1013.2 | +0.9 | 18.4 | 14.7 | 11.7 | 13.7 | 65 | + 1 | 1.5 | -0.1 | 1.5 | 0 | 0 | 19 | 11 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 45 | 1014.7 | 1009.5 | +1.1 | 23.1 | 16.5 | 11.3 | 13.4 | 49 | + 2 | 1.8 | +0.2 | 1.3 | 0 | 0 | 17 | 06 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 0 |
| **Contai** | 0830 | 11 | 1018.5 | 1017.2 | +1.5 | 17.9 | 15.2 | 13.1 | 15.1 | 73 | + 2 | 1.8 | +0.7 | 3.6 | 0 | 0 | 29 | 06 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| | 1730 | 11 | 1014.7 | 1013.4 | +1.0 | 21.9 | 17.4 | 14.3 | 16.3 | 62 | - 2 | 1.8 | +0.6 | 1.8 | 0 | 0 | 11 | 01 | 0 | 0 | 4 | 6 | 0 | 0 | 0 | 20 | 0 |
| **Sagar Island** | 0830 | 3 | 1017.7 | 1017.3 | +0.8 | 18.8 | 16.5 | 14.9 | 16.9 | 78 | + 4 | 3.2 | +1.5 | 11.9 | 0 | 1 | 29 | 15 | 7 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 0 |
| | 1730 | 3 | 1014.3 | 1014.0 | +0.7 | 21.9 | 17.7 | 14.8 | 16.8 | 65 | + 0 | 3.6 | +1.8 | 11.0 | 0 | 0 | 30 | 10 | 4 | 0 | 2 | 5 | 3 | 0 | 6 | 1 | 0 |
| **Sandheads** | 0530 | 10 | 1014.9 | 1013.8 | .. | 21.1 | 17.3 | 14.7 | 16.7 | 68 | .. | 2.3 | .. | 15.3 | 0 | 9 | 20 | 17 | 4 | 1 | 1 | 1 | 0 | 0 | 5 | 2 | 0 |
| | 0830 | 10 | 1017.8 | 1016.7 | +0.7 | 22.7 | 18.7 | 16.1 | 18.3 | 67 | + 1 | 2.8 | +1.3 | 15.2 | 0 | 8 | 23 | 17 | 8 | 1 | 1 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 1130 | 10 | 1017.3 | 1016.2 | .. | 23.7 | 18.7 | 15.3 | 17.4 | 60 | .. | 2.3 | .. | 15.1 | 0 | 8 | 21 | 17 | 5 | 0 | 1 | 1 | 0 | 1 | 4 | 2 | 0 |
| | 1730 | 10 | 1014.1 | 1013.0 | -0.1 | 22.7 | 18.3 | 15.4 | 17.5 | 63 | - 2 | 3.1 | +1.7 | 11.9 | 0 | 3 | 24 | 14 | 6 | 2 | 1 | 0 | 1 | 0 | 3 | 4 | 0 |
| | 2330 | 10 | 1016.0 | 1014.9 | .. | 22.0 | 18.2 | 15.7 | 17.8 | 68 | .. | 1.5 | .. | 11.3 | 0 | 9 | 14 | 12 | 4 | 0 | 1 | 1 | 2 | 1 | 2 | 5 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Baripada** | 0830 | 54 | 1019.7 | 1013.7 | +1.4 | 16.6 | 14.4 | 12.6 | 14.6 | 78 | +13 | 2.3 | +0.3 | 2.2 | 0 | 0 | 22 | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 3 | 9 | 0 |
| | 1730 | 54 | 1015.5 | 1009.6 | +1.8 | 21.9 | 17.4 | 14.2 | 16.2 | 62 | + 8 | 2.7 | +1.2 | 0.5 | 0 | 0 | 5 | 02 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| **Jharsuguda** | 0830 | 230 | 1016.0 | 981.9 | .. | 14.1 | 12.4 | 10.9 | 13.0 | 81 | .. | 1.7 | .. | 2.6 | 0 | 0 | 14 | 06 | 7 | 0 | 0 | 0 | 0 | 0 | 2 | 15 | 0 |
| | 0530 | 230 | 1016.5 | 986.2 | .. | 12.7 | 11.4 | 10.2 | 12.4 | 85 | .. | 1.9 | .. | 3.5 | 0 | 0 | 16 | 09 | 6 | 0 | 0 | 0 | 1 | 0 | 1 | 15 | 0 |
| | 0830 | 230 | 1018.9 | 991.8 | +1.3 | 15.8 | 12.9 | 10.7 | 12.5 | 71 | + 2 | 3.2 | +1.6 | 7.7 | 0 | 1 | 24 | 10 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 230 | 1017.4 | 991.7 | .. | 22.4 | 15.5 | 9.7 | 12.0 | 47 | .. | 3.4 | .. | 6.7 | 0 | 1 | 20 | 02 | 12 | 5 | 0 | 0 | 1 | 0 | 1 | 10 | 0 |
| | 1430 | 230 | 1014.5 | 985.0 | .. | 25.0 | 16.0 | 8.2 | 11.1 | 37 | .. | 3.5 | .. | 6.0 | 0 | 1 | 21 | 05 | 8 | 1 | 0 | 0 | 1 | 3 | 4 | 9 | 0 |
| | 1730 | 230 | 1014.5 | 987.5 | -1.1 | 23.1 | 16.0 | 10.2 | 12.4 | 46 | + 2 | 3.7 | +2.1 | 3.9 | 0 | 0 | 18 | 06 | 8 | 0 | 0 | 2 | 0 | 3 | 1 | 13 | 0 |
| | 2030 | 230 | 1016.[illegible] | [illegible] | .. | 16.7 | 14.3 | 10.6 | 12.8 | 59 | .. | 2.7 | .. | 2.8 | 0 | 0 | 14 | 02 | 4 | 4 | 1 | 0 | 2 | 0 | 1 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 2330 | 230 | 1016.8 | 989.9 | .. | 16.2 | 13.5 | 11.2 | 13.3 | 73 | .. | 2.3 | .. | 3.3 | 0 | 0 | 16 | 04 | 5 | 3 | 1 | 0 | 0 | 0 | 3 | 15 | 0 |
| Keonjhargarh | 0830 | 485 | 1018.2 | 965.1 | -0.1 | 16.7 | 13.6 | 10.9 | 13.3 | 69 | + 8 | 1.9 | +0.5 | 0.6 | 0 | 0 | 11 | 06 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 20 | 0 |
| | 1730 | 485 | 1014.8 | 962.6 | +1.0 | 21.4 | 15.5 | 10.7 | 12.9 | 53 | + 5 | 3.1 | +1.0 | 1.0 | 0 | 0 | 15 | 02 | 3 | 1 | 0 | 1 | 0 | 6 | 2 | 16 | 0 |
| Balasore | 0830 | 20 | 1018.4 | 1016.1 | +1.0 | 18.2 | 15.2 | 12.9 | 14.9 | 72 | + 4 | 4.2 | +2.2 | 1.3 | 0 | 0 | 18 | 15 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 13 | 0 |
| | 1730 | 20 | 1014.7 | 1012.4 | +1.0 | 21.6 | 17.6 | 14.7 | 16.7 | 66 | + 5 | 3.8 | +1.4 | 0.4 | 0 | 0 | 5 | 01 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 26 | 0 |
| Sambalpur | 0830 | 20 | 1019.1 | 1001.7 | +1.7 | 17.1 | 14.6 | 12.6 | 14.6 | 75 | + 2 | 3.3 | +1.6 | 0.6 | 0 | 0 | 5 | 01 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 26 | 0 |
| | 1730 | 20 | 1014.4 | 997.4 | +1.1 | 22.6 | 17.4 | 13.7 | 15.7 | 61 | +16 | 2.8 | +1.0 | 0.5 | 0 | 0 | 4 | 04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Angul | 0830 | 139 | 1018.6 | 1002.3 | +1.0 | 17.9 | 15.9 | 14.5 | 16.5 | 80 | + 5 | 4.5 | +2.3 | 2.9 | 0 | 0 | 23 | 04 | 1 | 0 | 2 | 1 | 0 | 8 | 7 | 8 | 0 |
| | 1730 | 139 | 1014.2 | 998.3 | +0.9 | 23.5 | 20.9 | 19.5 | 22.7 | 79 | +37 | 4.9 | +2.8 | 1.9 | 0 | 0 | 14 | 06 | 1 | 4 | 2 | 0 | 0 | 1 | 0 | 17 | 0 |
| Chandbali | 0830 | 6 | 1018.8 | 1018.1 | +1.5 | 19.0 | 16.4 | 14.5 | 16.5 | 75 | - 1 | 3.7 | +2.3 | 4.2 | 0 | 0 | 28 | 09 | 2 | 2 | 1 | 0 | 0 | 0 | 14 | 3 | 0 |
| | 1730 | 6 | 1014.5 | 1014.0 | +0.8 | 22.1 | 17.3 | 13.9 | 15.9 | 59 | - 3 | 3.9 | +2.3 | 4.3 | 0 | 0 | 30 | 02 | 16 | 7 | 4 | 0 | 1 | 0 | 0 | 1 | 0 |
| Bolangir | 0830 | 190 | 1018.2 | 996.2 | +1.3 | 17.6 | 15.1 | 13.2 | 15.2 | 75 | + 6 | 4.0 | +1.5 | 3.1 | 0 | 0 | 29 | 14 | 9 | 1 | 1 | 1 | 1 | 0 | 2 | 2 | 0 |
| | 1730 | 190 | 1014.4 | 992.6 | +0.9 | 23.7 | 17.6 | 13.2 | 15.2 | 52 | - 1 | 4.2 | +1.6 | 2.8 | 0 | 0 | 29 | 11 | 9 | 5 | 1 | 1 | 0 | 1 | 1 | 2 | 0 |
| Phulbani | 0830 | 464 | 1017.1 | 963.3 | .. | 14.4 | 13.1 | 12.1 | 14.1 | 88 | .. | 1.7 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 29 | 0 |
| | 1730 | 464 | 1012.0 | 959.9 | .. | 21.8 | 17.6 | 15.0 | 17.0 | 66 | .. | 2.2 | .. | 0.2 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 0 | 0 | 2 | 0 | 28 | 0 |
| Cuttack | 0830 | 27 | 1018.3 | 1015.2 | +1.1 | 18.4 | 16.7 | 15.5 | 17.6 | 83 | + 3 | 2.3 | +0.6 | 2.1 | 0 | 0 | 11 | 01 | 3 | 1 | 0 | 1 | 0 | 2 | 3 | 20 | 0 |
| | 1730 | 27 | 1014.5 | 1011.4 | +1.1 | 24.8 | 19.9 | 17.2 | 19.6 | 63 | +15 | 2.5 | +0.8 | 1.6 | 0 | 0 | 10 | 00 | 3 | 1 | 3 | 1 | 0 | 0 | 2 | 21 | 0 |
| Titilagarh | 0830 | 211 | 1019.0 | 994.5 | +1.9 | 18.8 | 16.3 | 14.5 | 16.5 | 76 | + 8 | 2.1 | +0.8 | 2.0 | 0 | 0 | 31 | 00 | 25 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 211 | 1015.0 | 990.9 | +2.3 | 25.1 | 19.9 | 16.7 | 19.0 | 63 | +23 | 1.8 | +0.6 | 2.0 | 0 | 0 | 31 | 01 | 26 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1015.6 | 1010.2 | .. | 16.9 | 15.8 | 15.1 | 17.1 | 88 | .. | 1.1 | .. | 4.1 | 0 | 1 | 21 | 12 | 3 | 1 | 2 | 2 | 0 | 0 | 2 | 9 | 0 |
| | 0530 | 46 | 1016.1 | 1010.6 | .. | 16.2 | 15.2 | 14.5 | 16.5 | 89 | .. | 2.1 | .. | 5.3 | 0 | 2 | 20 | 09 | 3 | 1 | 1 | 0 | 0 | 2 | 6 | 9 | 0 |
| | 0830 | 46 | 1018.2 | 1012.9 | +1.3 | 20.2 | 17.2 | 15.1 | 17.1 | 74 | + 4 | 2.9 | +1.1 | 8.1 | 0 | 2 | 26 | 07 | 9 | 4 | 0 | 0 | 1 | 0 | 7 | 3 | 0 |
| | 1130 | 46 | 1017.4 | 1012.2 | .. | 24.5 | 17.8 | 13.0 | 15.0 | 50 | .. | 2.4 | .. | 10.8 | 0 | 4 | 27 | 02 | 17 | 7 | 0 | 0 | 3 | 1 | 1 | 0 | 0 |
| | 1430 | 46 | 1014.5 | 1009.3 | .. | 25.9 | 18.2 | 12.7 | 14.7 | 45 | .. | 3.3 | .. | 8.1 | 0 | 0 | 31 | 03 | 11 | 8 | 3 | 0 | 2 | 0 | 4 | 0 | 0 |
| | 1730 | 46 | 1014.6 | 1009.4 | +1.2 | 23.5 | 18.2 | 14.5 | 16.5 | 57 | + 7 | 3.4 | +1.3 | 7.9 | 0 | 1 | 30 | 06 | 2 | 12 | 5 | 5 | 0 | 0 | 1 | 0 | 0 |
| | 2030 | 46 | 1016.7 | 1011.3 | .. | 20.3 | 17.7 | 16.0 | 18.0 | 76 | .. | 1.8 | .. | 7.3 | 0 | 1 | 30 | 04 | 4 | 10 | 6 | 6 | 0 | 0 | 1 | 0 | 0 |
| | 2330 | 46 | 1016.8 | 1011.4 | .. | 18.3 | 16.8 | 15.8 | 17.9 | 86 | .. | 1.3 | .. | 6.8 | 0 | 2 | 24 | 02 | 8 | 3 | 3 | 4 | 0 | 1 | 5 | 5 | 0 |
| Puri | 0830 | 6 | 1018.4 | 1017.7 | +1.3 | 21.3 | 17.8 | 15.5 | 17.6 | 69 | - 4 | 3.4 | +1.8 | 8.3 | 0 | 0 | 31 | 16 | 10 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 6 | 1014.7 | 1014.0 | +0.9 | 23.4 | 19.3 | 16.7 | 19.0 | 67 | - 1 | 3.3 | +1.2 | 11.4 | 0 | 2 | 29 | 01 | 4 | 9 | 12 | 5 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1015.6 | 1013.6 | .. | 17.8 | 16.6 | 15.8 | 17.9 | 88 | .. | 2.5 | .. | 7.9 | 0 | 0 | 30 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 1 | 0 |
| | 0830 | 17 | 1018.0 | 1016.0 | +1.0 | 19.7 | 17.7 | 16.4 | 18.6 | 81 | + 7 | 3.1 | +1.4 | 10.7 | 0 | 0 | 31 | 19 | 1 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| | 1130 | 17 | 1017.5 | 1015.5 | .. | 24.8 | 19.8 | 16.7 | 19.0 | 61 | .. | 3.0 | .. | 9.7 | 0 | 0 | 31 | 11 | 4 | 9 | 4 | 2 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 17 | 1014.6 | 1012.6 | +1.0 | 23.5 | 19.8 | 17.5 | 20.0 | 69 | - 1 | 3.7 | +1.8 | 13.4 | 0 | 1 | 30 | 01 | 3 | 15 | 9 | 2 | 1 | 0 | 0 | 0 | 0 |
| | 2330 | 17 | 1016.6 | 1014.6 | .. | 20.0 | 18.3 | 17.3 | 19.7 | 84 | .. | 3.3 | .. | 4.3 | 0 | 1 | 22 | 08 | 1 | 1 | 0 | 2 | 1 | 1 | 9 | 8 | 0 |
| Koraput | 0830 | 912 | 1535.8 | 915.3 | +0.6 | 14.5 | 13.5 | 12.8 | 14.8 | 89 | +20 | 4.4 | +3.0 | 8.5 | 0 | 0 | 31 | 00 | 4 | 5 | 18 | 1 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 912 | 1531.3 | 913.0 | +1.0 | 22.2 | 17.5 | 14.5 | 16.5 | 64 | +21 | 4.7 | +2.7 | 10.0 | 0 | 0 | 31 | 01 | 1 | 1 | 0 | 1 | 22 | 3 | 2 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1019.2 | 1001.6 | +1.3 | 15.8 | 13.3 | 11.2 | 13.3 | 74 | + 8 | 1.9 | +0.5 | 3.1 | 0 | 0 | 17 | 01 | 1 | 1 | 2 | 3 | 3 | 1 | 5 | 14 | 0 |
| | 1730 | 149 | 1015.2 | 998.0 | +1.4 | 20.0 | 15.4 | 11.7 | 13.7 | 55 | + 4 | 1.3 | -0.1 | 0.8 | 0 | 0 | 6 | 00 | 1 | 0 | 2 | 0 | 1 | 0 | 2 | 25 | 0 |
| Daltonganj | 0830 | 211 | 1019.5 | 993.4 | +1.1 | 15.1 | 12.3 | 9.7 | 12.0 | 71 | - 7 | 1.3 | -1.0 | 1.6 | 0 | 0 | 20 | 01 | 3 | 1 | 7 | 1 | 3 | 3 | 1 | 11 | 0 |
| | 1730 | 211 | 1015.7 | 990.4 | +1.8 | 21.3 | 15.0 | 9.6 | 11.9 | 49 | - 2 | 2.2 | -0.1 | 1.9 | 0 | 0 | 21 | 08 | 4 | 1 | 1 | 1 | 1 | 3 | 2 | 10 | 0 |
| Hazaribagh | 0830 | 611 | 1019.0 | 948.6 | +0.9 | 14.2 | 11.4 | 9.0 | 11.5 | 71 | + 8 | 2.3 | +0.3 | 4.3 | 0 | 0 | 21 | 02 | 3 | 1 | 1 | 3 | 0 | 1 | 10 | 10 | 0 |
| | 1730 | 611 | 1015.2 | 945.9 | +0.9 | 17.9 | 12.4 | 7.6 | 10.4 | 52 | + 3 | 2.6 | +0.5 | 6.8 | 0 | 0 | 30 | 09 | 5 | 0 | 0 | 3 | 1 | 0 | 12 | 1 | 0 |
| Dhanbad | 0830 | 257 | 1018.6 | 988.6 | +0.8 | 17.8 | 13.7 | 10.1 | 12.3 | 62 | + 3 | 1.2 | -0.6 | 1.9 | 0 | 0 | 18 | 01 | 3 | 2 | 1 | 0 | 0 | 10 | 1 | 15 | 0 |
| | 1730 | 257 | 1014.7 | 985.1 | .. | 21.1 | 14.7 | 9.1 | 11.5 | 47 | .. | 1.3 | .. | 0.8 | 0 | 0 | 8 | 00 | 1 | 1 | 0 | 0 | 0 | 2 | 3 | 23 | 1 |
| Ranchi | 0830 | 655 | 1019.1 | 943.9 | +1.5 | 14.7 | 11.2 | 8.1 | 10.8 | 65 | + 3 | 1.7 | -0.1 | 1.1 | 0 | 0 | 17 | 07 | 0 | 1 | 1 | 1 | 0 | 1 | 6 | 14 | 0 |
| | 1730 | 655 | 1014.4 | 940.4 | +0.5 | 17.9 | 12.5 | 7.8 | 10.6 | 53 | + 2 | 2.2 | +0.3 | 1.2 | 0 | 0 | 19 | 08 | 0 | 2 | 0 | 0 | 0 | 3 | 6 | 12 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1017.5 | 941.9 | .. | 10.9 | 9.1 | 7.3 | 10.2 | 78 | .. | 1.7 | .. | 0.6 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 0830 | 652 | 1018.7 | 943.9 | +1.2 | 14.4 | 11.2 | 8.4 | 11.0 | 69 | +11 | 2.8 | +0.9 | 3.8 | 0 | 0 | 12 | 02 | 0 | 1 | 0 | 1 | 0 | 2 | 6 | 19 | 0 |
| | 1130 | 652 | 1017.2 | 943.6 | .. | 19.0 | 12.6 | 6.9 | 9.9 | 47 | .. | 3.0 | .. | 10.0 | 0 | 5 | 14 | 05 | 3 | 2 | 1 | 0 | 1 | 1 | 6 | 12 | 0 |
| | 1430 | 652 | 1013.8 | 941.0 | .. | 20.9 | 13.1 | 6.1 | 9.4 | 40 | .. | 3.4 | .. | 12.0 | 0 | 5 | 18 | 06 | 3 | 1 | 1 | 1 | 0 | 1 | 10 | 8 | 0 |
| | 1730 | 652 | 1014.2 | 940.9 | +1.2 | 19.4 | 12.6 | 6.5 | 9.7 | 45 | + 0 | 2.8 | +0.2 | 7.4 | 0 | 1 | 19 | 07 | 2 | 2 | 1 | 0 | 0 | 1 | 7 | 11 | 0 |
| | 2030 | 652 | 1016.8 | 942.4 | .. | 15.3 | 11.5 | 8.1 | 10.3 | 63 | .. | 1.7 | .. | 1.8 | 0 | 0 | 8 | 06 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 0 |
| Jamshedpur | 0830 | 229 | 1018.4 | 1003.1 | +0.4 | 14.5 | 13.0 | 11.7 | 13.7 | 83 | + 8 | 2.4 | +0.5 | 0.8 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 0 | 1 | 3 | 4 | 22 | 0 |
| | 1730 | 229 | 1014.7 | 999.9 | +1.3 | 22.3 | 16.7 | 12.5 | 14.5 | 54 | + 6 | 2.4 | +0.7 | 0.8 | 0 | 0 | 7 | 01 | 2 | 2 | 1 | 0 | 0 | 0 | 1 | 24 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1017.0 | 1000.1 | .. | 12.4 | 11.6 | 10.9 | 13.0 | 91 | .. | 1.6 | .. | 1.5 | 0 | 0 | 10 | 00 | 0 | 1 | 0 | 1 | 1 | 2 | 5 | 21 | 0 |
| | 0830 | 142 | 1019.3 | 1002.5 | +1.6 | 15.6 | 13.3 | 11.3 | 13.4 | 76 | + 5 | 2.6 | +0.8 | 2.8 | 0 | 0 | 20 | 00 | 0 | 1 | 0 | 0 | 6 | 8 | 5 | 11 | 0 |
| | 1130 | 142 | 1018.0 | 1001.6 | .. | 21.8 | 15.7 | 10.8 | 12.9 | 50 | .. | 2.7 | .. | 5.5 | 0 | 0 | 26 | 00 | 1 | 1 | 0 | 0 | 7 | 6 | 11 | 5 | 0 |
| | 1430 | 142 | 1014.8 | 998.5 | .. | 23.8 | 16.3 | 10.3 | 12.5 | 43 | .. | 3.2 | .. | 5.1 | 0 | 0 | 25 | 01 | 3 | 3 | 0 | 1 | 2 | 4 | 11 | 6 | 0 |
| | 1730 | 142 | 1014.8 | 998.4 | +1.6 | 21.6 | 16.1 | 11.8 | 13.8 | 54 | + 9 | 2.6 | +0.3 | 1.3 | 0 | 0 | 7 | 01 | 3 | 1 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gm. of mean-root standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 2030 | 142 | 1018.8 | 1000.3 | .. | 16.7 | 14.7 | 13.1 | 15.1 | 80 | .. | 1.6 | .. | 1.0 | 0 | 0 | 5 | 01 | 2 | 1 | 0 | 0 | 0 | 1 | 0 | 26 | 0 |
| | 2330 | 142 | 1017.2 | 1000.5 | .. | 14.9 | 13.5 | 12.3 | 14.3 | 85 | .. | 2.0 | .. | 1.4 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 25 | 0 |
| Chaibasa | 0830 | 226 | 1019.0 | 992.4 | +1.1 | 15.6 | 13.3 | 11.3 | 13.4 | 75 | + 2 | 3.0 | +0.7 | 1.3 | 0 | 0 | 13 | 00 | 1 | 0 | 0 | 0 | 11 | 0 | 1 | 18 | 0 |
| | 1730 | 226 | 1014.3 | 988.4 | +1.0 | 21.8 | 16.2 | 11.9 | 13.9 | 54 | + 3 | 3.2 | +0.6 | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1019.1 | 1011.1 | +1.9 | 14.0 | 12.9 | 12.0 | 14.0 | 87 | + 4 | 2.1 | +0.1 | 1.6 | 0 | 0 | 19 | 01 | 6 | 1 | 1 | 0 | 2 | 2 | 6 | 12 | 0 |
| | 1730 | 66 | 1015.7 | 1008.1 | +1.3 | 19.0 | 16.1 | 14.0 | 16.0 | 73 | + 7 | 1.7 | -0.2 | 0.7 | 0 | 0 | 7 | 00 | 1 | 0 | 0 | 0 | 1 | 4 | 0 | 23 | 1 |
| Forbesganj | 0830 | 61 | 1018.6 | 1011.5 | +1.4 | 14.5 | 13.3 | 12.3 | 14.3 | 87 | + 0 | 2.9 | +0.8 | 1.2 | 0 | 0 | 10 | 00 | 0 | 6 | 0 | 0 | 0 | 0 | 4 | 0 | 21 | 0 |
| | 1730 | 61 | 1014.8 | 1007.8 | +1.2 | 20.5 | 16.7 | 13.9 | 15.9 | 66 | + 3 | 1.9 | -0.1 | 0.4 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 25 | 0 |
| Darbhanga | 0830 | 49 | 1019.6 | 1013.9 | +2.0 | 18.7 | 15.3 | 12.5 | 14.5 | 70 | -14 | 1.9 | +0.1 | 1.5 | 0 | 0 | 21 | 03 | 1 | 4 | 0 | 2 | 3 | 5 | 3 | 10 | 0 |
| | 1730 | 49 | 1016.5 | 1010.8 | +2.4 | 21.3 | 17.1 | 14.1 | 16.1 | 64 | + 3 | 1.6 | -0.4 | 0.4 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 0 | 5 | 1 | 25 | 0 |
| Chapra | 0830 | 58 | 1018.6 | 1011.7 | .. | 13.6 | 11.8 | 10.1 | 12.3 | 79 | .. | 1.8 | .. | 1.9 | 0 | 0 | 29 | 00 | 7 | 0 | 1 | 0 | 7 | 6 | 8 | 2 | 0 |
| | 1730 | 58 | 1015.8 | 1009.1 | .. | 20.3 | 16.3 | 13.3 | 15.3 | 65 | .. | 1.6 | .. | 2.2 | 0 | 0 | 31 | 00 | 5 | 2 | 1 | 0 | 10 | 6 | 7 | 0 | 0 |
| Purnea | 0830 | 38 | 1018.9 | 1014.4 | +1.2 | 15.3 | 13.3 | 11.6 | 13.7 | 80 | - 4 | 1.6 | +0.0 | 1.1 | 0 | 0 | 16 | 00 | 0 | 3 | 0 | 0 | 5 | 8 | 0 | 15 | 0 |
| | 1730 | 38 | 1015.0 | 1010.6 | +1.2 | 20.2 | 15.5 | 13.8 | 15.8 | 67 | + 4 | 1.5 | +0.1 | 0.3 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 2 | 3 | 0 | 26 | 0 |
| Patna | 0830 | 53 | 1019.0 | 1012.6 | +1.1 | 13.4 | 12.0 | 10.7 | 12.9 | 83 | +12 | 2.3 | +0.3 | 4.3 | 0 | 0 | 28 | 01 | 4 | 1 | 2 | 5 | 9 | 5 | 1 | 3 | 0 |
| | 1730 | 53 | 1015.5 | 1009.4 | +1.2 | 20.3 | 15.6 | 11.9 | 13.9 | 59 | + 6 | 2.1 | +0.1 | 3.5 | 0 | 0 | 25 | 00 | 3 | 0 | 1 | 3 | 4 | 13 | 1 | 6 | 0 |
| Patna Aerodrome | 0530 | 60 | 1016.2 | 1009.0 | .. | 10.8 | 10.0 | 9.2 | 11.6 | 90 | .. | 1.7 | .. | 1.9 | 0 | 0 | 13 | 00 | 0 | 0 | 1 | 1 | 2 | 6 | 3 | 18 | 0 |
| | 0830 | 60 | 1018.7 | 1011.5 | +1.4 | 14.0 | 12.2 | 10.7 | 12.9 | 79 | + 2 | 2.7 | +0.6 | 3.7 | 0 | 0 | 23 | 01 | 0 | 1 | 2 | 2 | 3 | 9 | 5 | 8 | 0 |
| | 1130 | 60 | 1018.3 | 1011.3 | .. | 20.7 | 15.5 | 11.3 | 13.4 | 56 | .. | 2.5 | .. | 6.9 | 0 | 0 | 31 | 00 | 1 | 6 | 1 | 1 | 3 | 10 | 9 | 0 | 0 |
| | 1430 | 60 | 1015.4 | 1008.5 | .. | 22.8 | 15.9 | 10.3 | 12.5 | 47 | .. | 2.6 | .. | 8.6 | 0 | 1 | 30 | 01 | 2 | 5 | 1 | 0 | 1 | 9 | 12 | 0 | 0 |
| | 1730 | 60 | 1015.0 | 1008.1 | +1.0 | 19.7 | 15.6 | 12.4 | 14.4 | 63 | + 6 | 2.2 | +0.2 | 1.7 | 0 | 0 | 11 | 00 | 1 | 1 | 1 | 1 | 0 | 4 | 3 | 20 | 0 |
| | 2030 | 60 | 1016.7 | 1009.7 | .. | 14.9 | 13.3 | 12.0 | 14.0 | 82 | .. | 1.8 | .. | 1.2 | 0 | 0 | 8 | 00 | 2 | 3 | 0 | 0 | 0 | 1 | 2 | 23 | 0 |
| | 2330 | 60 | 1017.0 | 1009.9 | .. | 13.1 | 11.9 | 10.8 | 12.9 | 87 | .. | 1.5 | .. | 1.6 | 0 | 0 | 8 | 00 | 2 | 3 | 0 | 0 | 1 | 2 | 0 | 23 | 0 |
| Bhagalpur | 0530 | 49 | 1016.8 | 1010.9 | .. | 12.8 | 11.8 | 10.9 | 13.0 | 88 | .. | 2.1 | .. | 3.5 | 0 | 1 | 20 | 00 | 1 | 1 | 2 | 12 | 4 | 1 | 0 | 10 | 0 |
| | 0830 | 49 | 1019.3 | 1013.5 | +1.3 | 15.5 | 13.3 | 11.4 | 13.5 | 77 | + 1 | 2.8 | +1.1 | 2.8 | 0 | 0 | 19 | 00 | 0 | 2 | 3 | 3 | 3 | 6 | 2 | 12 | 0 |
| | 1130 | 49 | 1018.6 | 1012.9 | .. | 20.3 | 15.8 | 12.3 | 14.3 | 61 | .. | 2.5 | .. | 5.0 | 0 | 0 | 29 | 02 | 0 | 4 | 1 | 1 | 7 | 5 | 9 | 2 | 0 |
| | 1730 | 49 | 1015.7 | 1010.0 | +1.3 | 19.4 | 15.6 | 12.7 | 14.7 | 66 | + 3 | 2.7 | +1.0 | 4.2 | 0 | 0 | 24 | 01 | 2 | 1 | 2 | 0 | 11 | 5 | 2 | 7 | 0 |
| | 2330 | 49 | 1017.6 | 1011.8 | .. | 15.5 | 13.4 | 11.6 | 13.7 | 78 | .. | 2.0 | .. | 4.5 | 0 | 0 | 27 | 00 | 0 | 2 | 0 | 5 | 16 | 3 | 1 | 4 | 0 |
| Sabour | 0830 | 37 | 1019.2 | 1014.7 | +1.4 | 14.3 | 13.2 | 12.3 | 14.3 | 87 | + 5 | 2.3 | +0.3 | 2.8 | 0 | 0 | 24 | 00 | 0 | 3 | 0 | 2 | 9 | 7 | 3 | 7 | 0 |
| | 1730 | 37 | 1015.4 | 1011.0 | +1.4 | 20.1 | 17.4 | 15.5 | 17.6 | 75 | +10 | 2.5 | +0.5 | 1.9 | 0 | 0 | 19 | 02 | 0 | 0 | 1 | 0 | 1 | 3 | 12 | 12 | 0 |
| Jamui | 0830 | 92 | 1017.7 | 1008.1 | -0.1 | 15.1 | 13.5 | 12.2 | 14.2 | 83 | + 4 | 0.9 | -1.5 | 1.4 | 0 | 0 | 21 | 00 | 1 | 9 | 1 | 1 | 1 | 3 | 5 | 10 | 0 |
| | 1730 | 82 | 1013.2 | 1003.7 | -1.0 | 19.7 | 16.5 | 14.2 | 16.2 | 71 | +10 | 0.1 | -1.7 | 1.5 | 0 | 0 | 23 | 00 | 0 | 9 | 1 | 0 | 0 | 12 | 1 | 8 | 0 |
| Dehri | 0830 | 107 | 1018.9 | 1006.3 | +1.2 | 15.1 | 13.1 | 11.4 | 13.5 | 79 | + 6 | 2.3 | +0.2 | 3.5 | 0 | 0 | 28 | 01 | 1 | 1 | 4 | 5 | 12 | 1 | 3 | 3 | 0 |
| | 1730 | 107 | 1015.2 | 1002.8 | +1.5 | 21.7 | 15.6 | 10.6 | 12.8 | 51 | + 1 | 2.4 | +0.3 | 3.5 | 0 | 0 | 29 | 03 | 6 | 1 | 1 | 1 | 0 | 16 | 1 | 2 | 0 |
| Gaya | 0230 | 116 | 1017.3 | 1003.4 | .. | 11.1 | 10.3 | 9.5 | 11.9 | 90 | .. | 0.8 | .. | 2.8 | 0 | 0 | 2 | 00 | 1 | 3 | 11 | 9 | 0 | 0 | 0 | 7 | 0 |
| | 0530 | 116 | 1017.4 | 1003.4 | .. | 10.0 | 9.3 | 8.6 | 11.2 | 93 | .. | 1.0 | .. | 2.7 | 0 | 0 | 26 | 00 | 1 | 2 | 13 | 9 | 0 | 1 | 0 | 5 | 0 |
| | 0830 | 116 | 1019.4 | 1005.5 | +1.3 | 13.7 | 12.1 | 10.7 | 12.9 | 83 | +14 | 2.0 | -0.2 | 3.6 | 0 | 0 | 27 | 00 | 0 | 1 | 6 | 11 | 7 | 2 | 0 | 4 | 0 |
| | 1130 | 116 | 1018.9 | 1005.5 | .. | 21.2 | 15.5 | 10.9 | 13.0 | 52 | .. | 2.5 | .. | 7.0 | 0 | 1 | 29 | 02 | 3 | 3 | 1 | 1 | 4 | 11 | 5 | 1 | 0 |
| | 1430 | 116 | 1016.1 | 1002.8 | .. | 23.0 | 15.9 | 10.1 | 12.3 | 45 | .. | 2.6 | .. | 9.0 | 0 | 3 | 27 | 06 | 1 | 3 | 1 | 2 | 0 | 10 | 7 | 1 | 0 |
| | 1730 | 116 | 1015.9 | 1002.4 | +1.5 | 20.3 | 15.4 | 11.5 | 13.6 | 57 | +10 | 2.4 | +0.4 | 4.2 | 0 | 0 | 29 | 07 | 5 | 0 | 1 | 0 | 0 | 5 | 11 | 2 | 0 |
| | 2030 | 116 | 1017.5 | 1003.7 | .. | 15.7 | 13.3 | 11.2 | 13.3 | 75 | .. | 1.3 | .. | 3.1 | 0 | 0 | 25 | 04 | 5 | 1 | 1 | 4 | 5 | 4 | 1 | 6 | 0 |
| | 2330 | 116 | 1018.0 | 1004.1 | .. | 13.0 | 11.5 | 10.1 | 12.3 | 84 | .. | 1.1 | .. | 3.0 | 0 | 0 | 25 | 00 | 2 | 2 | 8 | 9 | 3 | 1 | 0 | 6 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1018.8 | 1003.9 | +1.4 | 11.6 | 10.0 | 8.3 | 10.9 | 81 | - 1 | 1.8 | -1.4 | 2.7 | 0 | 0 | 17 | 00 | 3 | 2 | 0 | 0 | 3 | 5 | 4 | 14 | 0 |
| | 1730 | 124 | 1015.4 | 1001.0 | +1.1 | 20.0 | 14.9 | 10.6 | 12.8 | 56 | - 1 | 2.7 | +0.4 | 1.5 | 0 | 0 | 12 | 01 | 0 | 2 | 0 | 0 | 3 | 6 | 0 | 19 | 0 |
| Nautanwa | 0830 | 99 | 1018.2 | 1006.3 | +0.4 | 12.3 | 11.4 | 10.6 | 12.8 | 90 | - 1 | 1.3 | -0.8 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 1015.0 | 1003.4 | +0.4 | 20.0 | 15.8 | 12.5 | 14.5 | 63 | + 1 | 1.3 | -0.6 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 1018.3 | 1001.2 | +0.8 | 12.3 | 10.4 | 8.3 | 11.1 | 77 | - 9 | 0.5 | -1.8 | 1.8 | 0 | 0 | 22 | 00 | 1 | 2 | 0 | 1 | 0 | 16 | 2 | 9 | 0 |
| | 1730 | 142 | 1016.1 | 999.6 | +1.9 | 19.4 | 14.1 | 9.3 | 11.9 | 53 | - 4 | 0.5 | -1.5 | 1.1 | 0 | 0 | 15 | 01 | 0 | 1 | 1 | 1 | 0 | 9 | 2 | 16 | 0 |
| Gonda | 0830 | 110 | 1019.0 | 1005.9 | +1.2 | 13.4 | 11.1 | 8.7 | 11.4 | 74 | -10 | 1.1 | -0.9 | 2.0 | 0 | 0 | 16 | 01 | 0 | 3 | 0 | 0 | 0 | 4 | 8 | 15 | 0 |
| | 1730 | 110 | 1015.4 | 1002.6 | +0.6 | 19.7 | 14.9 | 10.6 | 13.0 | 59 | - 2 | 1.2 | -1.0 | 0.7 | 0 | 0 | 6 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 0 |
| Lucknow | 0830 | 111 | 1018.1 | 1004.8 | +0.3 | 11.8 | 10.1 | 8.1 | 10.8 | 80 | - 2 | 1.0 | -1.0 | 0.6 | 0 | 0 | 7 | 00 | 0 | 1 | 0 | 1 | 0 | 5 | 0 | 24 | 0 |
| | 1730 | 111 | 1015.5 | 1002.6 | +1.1 | 21.2 | 15.0 | 9.3 | 12.0 | 49 | - 6 | 1.3 | -0.7 | 0.6 | 0 | 0 | 5 | 01 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 22 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 1017.1 | 1001.6 | .. | 8.9 | 7.7 | 6.3 | 9.5 | 84 | .. | 0.9 | .. | 4.8 | 0 | 0 | 29 | 04 | 7 | 2 | 0 | 0 | 1 | 12 | 3 | 2 | 0 |
| | 0530 | 128 | 1017.0 | 1001.4 | .. | 7.6 | 6.8 | 5.6 | 9.1 | 87 | .. | 0.4 | .. | 4.2 | 0 | 0 | 28 | 02 | 4 | 3 | 1 | 1 | 2 | 9 | 6 | [illegible] | 0 |
| | 0830 | 128 | 1018.9 | 1003.5 | +1.0 | 10.9 | 9.0 | 6.9 | 9.9 | 77 | - 8 | 2.1 | -0.3 | 5.4 | 0 | 1 | 28 | 06 | 2 | 2 | 2 | 1 | 2 | 8 | 6 | [illegible] | [illegible] |
| | 1130 | 128 | 1019.1 | 1003.9 | .. | 20.4 | 13.3 | 6.7 | 9.8 | 40 | .. | 1.7 | .. | 9.0 | 0 | 3 | 27 | 03 | 4 | 4 | 2 | 1 | 0 | 11 | 5 | [illegible] | [illegible] |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.) | 1430 | 128 | 1015.8 | 1001.1 | .. | 22.9 | 13.9 | 4.2 | 8.2 | 32 | .. | 2.0 | .. | 10.0 | 0 | 3 | 28 | 05 | 2 | 0 | 3 | 3 | 2 | 7 | 9 | 0 | 0 |
| | 1730 | 128 | 1015.5 | 1000.6 | .. | 20.1 | 13.8 | 7.6 | 10.4 | 46 | .. | 2.3 | .. | 5.2 | 0 | 0 | 30 | 03 | 1 | 5 | 1 | 1 | 1 | 9 | 9 | 1 | 0 |
| | 2030 | 128 | 1017.4 | 1002.2 | .. | 12.9 | 10.5 | 7.8 | 10.6 | 72 | .. | 1.5 | .. | 0.4 | 0 | 0 | 26 | 02 | 1 | 3 | 1 | 1 | 2 | 12 | 4 | 5 | 0 |
| | 2330 | 128 | 1017.9 | 1002.5 | .. | 10.6 | 9.0 | 7.2 | 10.1 | 80 | .. | 0.9 | .. | 0.5 | 0 | 0 | 30 | 02 | 2 | 2 | 3 | 2 | 2 | 12 | 5 | 1 | 0 |
| Faizabad | 0830 | 102 | 1018.3 | 1006.2 | +0.4 | 11.5 | 10.4 | 9.2 | 11.7 | 83 | 2 | 1.7 | -0.8 | 0.9 | 0 | 0 | 8 | 02 | 0 | 1 | 0 | 0 | 3 | 2 | 0 | 23 | 0 |
| | 1730 | 102 | 1015.4 | 1003.5 | +0.4 | 19.0 | 14.9 | 11.3 | 13.7 | 62 | - 1 | 2.2 | +0.2 | 1.0 | 0 | 0 | 5 | 00 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 26 | 0 |
| Gorakhpur | 0830 | 77 | 1018.8 | 1009.9 | +1.9 | 14.4 | 12.2 | 9.9 | 12.2 | 76 | - 4 | 2.0 | +0.1 | 1.0 | 0 | 0 | 14 | 00 | 0 | 1 | 0 | 0 | 1 | 9 | 3 | 17 | 0 |
| | 1730 | 77 | 1015.7 | 1006.7 | +1.6 | 21.5 | 16.0 | 11.6 | 13.7 | 55 | - 2 | 1.4 | -0.5 | 1.1 | 0 | 0 | 17 | 02 | 0 | 0 | 1 | 1 | 0 | 13 | 0 | 14 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1016.6 | 1007.2 | .. | 13.4 | 12.0 | 10.9 | 13.0 | 89 | .. | 1.6 | .. | 1.2 | 0 | 0 | 8 | 02 | 0 | 1 | 0 | 1 | 2 | 2 | 0 | 23 | 0 |
| | 0530 | 78 | 1016.5 | 1007.1 | .. | 12.5 | 11.2 | 10.2 | 12.4 | 82 | .. | 1.4 | .. | 1.4 | 0 | 0 | 11 | 03 | 1 | 0 | 1 | 0 | 2 | 3 | 1 | 20 | 0 |
| | 1130 | 78 | 1018.6 | 1009.5 | .. | 18.9 | 14.7 | 11.7 | 13.7 | 65 | .. | 2.1 | .. | 5.7 | 0 | 0 | 29 | 01 | 2 | 3 | 2 | 5 | 7 | 5 | 4 | 2 | 0 |
| | 1430 | 78 | 1015.8 | 1006.7 | .. | 21.0 | 15.0 | 10.6 | 12.8 | 53 | .. | 2.0 | .. | 7.5 | 0 | 1 | 29 | 01 | 0 | 0 | 5 | 6 | 7 | 5 | 6 | 1 | 0 |
| | 2030 | 78 | 1016.7 | 1007.6 | .. | 16.1 | 14.2 | 12.9 | 14.9 | 82 | .. | 1.0 | .. | 1.8 | 0 | 0 | 13 | 02 | 3 | 0 | 0 | 4 | 4 | 0 | 0 | 18 | 0 |
| | 2330 | 78 | 1017.2 | 1007.9 | .. | 14.8 | 13.1 | 12.0 | 14.0 | 84 | .. | 1.2 | .. | 1.7 | 0 | 0 | 10 | 01 | 1 | 1 | 1 | 3 | 2 | 1 | 0 | 21 | 0 |
| Kanpur | 0830 | 126 | 1018.5 | 1003.3 | +0.5 | 9.7 | 8.4 | 6.9 | 9.9 | 83 | + 3 | 1.0 | -1.1 | 2.6 | 0 | 0 | 19 | 04 | 0 | 5 | 0 | 1 | 0 | 9 | 0 | 12 | 0 |
| | 1730 | 126 | 1015.5 | 1000.9 | +0.7 | 22.2 | 14.5 | 7.1 | 10.2 | 40 | -11 | 1.5 | -0.5 | 6.3 | 0 | 0 | 30 | 06 | 0 | 3 | 1 | 0 | 0 | 18 | 2 | 1 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 1017.3 | 1002.0 | .. | 8.2 | 7.1 | 5.5 | 9.0 | 84 | .. | 0.7 | .. | 3.8 | 0 | 0 | 16 | 02 | 1 | 2 | 0 | 0 | 0 | 8 | 3 | 15 | 0 |
| | 0830 | 126 | 1019.1 | 1004.0 | .. | 11.3 | 9.1 | 6.3 | 9.5 | 73 | .. | 1.4 | .. | 5.5 | 0 | 1 | 22 | 04 | 2 | 1 | 2 | 0 | 1 | 11 | 2 | 8 | 0 |
| | 1130 | 126 | 1019.0 | 1004.3 | .. | 20.9 | 13.6 | 5.8 | 9.2 | 40 | .. | 1.8 | .. | 11.3 | 0 | 1 | 29 | 03 | 4 | 3 | 3 | 1 | 0 | 11 | 5 | 1 | 0 |
| | 1730 | 126 | 1015.6 | 1001.0 | .. | 20.9 | 13.6 | 6.0 | 9.3 | 40 | .. | 1.9 | .. | 8.2 | 0 | 0 | 29 | 03 | 4 | 3 | 2 | 0 | 0 | 9 | 8 | 2 | 0 |
| | 2330 | 126 | 1018.0 | 1002.9 | .. | 12.2 | 9.7 | 6.9 | 9.9 | 71 | .. | 0.5 | .. | 4.2 | 0 | 0 | 16 | 03 | 1 | 0 | 2 | 0 | 0 | 7 | 3 | 15 | 0 |
| Sultanpur | 0830 | 97 | 1019.5 | 1007.9 | +0.7 | 13.5 | 10.4 | 7.0 | 10.0 | 67 | - 7 | 1.9 | +0.1 | 1.7 | 0 | 0 | 21 | 01 | 0 | 3 | 1 | 0 | 1 | 13 | 2 | 10 | 0 |
| | 1730 | 97 | 1015.3 | 1004.1 | +0.4 | 22.7 | 15.0 | 7.8 | 10.6 | 41 | -11 | 1.6 | -0.3 | 1.6 | 0 | 0 | 18 | 00 | 1 | 0 | 2 | 0 | 1 | 6 | 8 | 13 | 0 |
| Azamgarh | 0830 | 78 | 1019.2 | 1009.9 | +2.0 | 12.1 | 11.1 | 10.2 | 12.4 | 88 | + 2 | 1.5 | -0.2 | 3.2 | 0 | 0 | 21 | 01 | 2 | 1 | 0 | 1 | 2 | 14 | 0 | 10 | 0 |
| | 1730 | 78 | 1015.4 | 1006.6 | +1.5 | 20.2 | 17.6 | 15.5 | 17.6 | 76 | + 8 | 1.4 | +0.1 | 0.8 | 0 | 0 | 5 | 02 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 26 | 0 |
| Fatehpur | 0830 | 114 | 1019.4 | 1005.7 | +1.4 | 12.0 | 9.9 | 7.4 | 10.5 | 74 | + 0 | 1.2 | -1.1 | 2.8 | 0 | 0 | 23 | 00 | 5 | 3 | 1 | 0 | 8 | 6 | 0 | 8 | 0 |
| | 1730 | 114 | 1015.5 | 1002.2 | +1.1 | 21.4 | 14.6 | 8.5 | 11.1 | 45 | - 6 | 1.5 | -0.8 | 2.3 | 0 | 0 | 18 | 04 | 2 | 2 | 0 | 0 | 0 | 2 | 8 | 13 | 0 |
| Ballia | 0830 | 64 | 1019.5 | 1012.0 | +1.5 | 14.2 | 12.3 | 10.6 | 12.8 | 79 | - 2 | 1.6 | -0.5 | 0.3 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 26 | 0 |
| | 1730 | 64 | 1018.0 | 1008.6 | +0.9 | 20.5 | 16.6 | 13.6 | 15.6 | 67 | +11 | 1.9 | -0.2 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Banda | 0830 | 121 | 1020.1 | 1005.9 | +2.2 | 14.4 | 11.1 | 7.7 | 10.2 | 65 | -11 | 1.7 | -0.6 | 0.5 | 0 | 0 | 4 | 00 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 121 | 1015.8 | 1001.8 | +1.2 | 22.0 | 15.9 | 11.0 | 13.1 | 50 | - 7 | 1.3 | -0.2 | 0.3 | 0 | 0 | 3 | 01 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 28 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1017.1 | 1005.3 | .. | 11.3 | 9.8 | 8.1 | 10.8 | 82 | .. | 1.3 | .. | 0.8 | 0 | 0 | 7 | 01 | 1 | 1 | 0 | 0 | 2 | 2 | 0 | 24 | 0 |
| | 0530 | 98 | 1017.1 | 1005.3 | .. | 9.9 | 8.8 | 7.4 | 10.3 | 85 | .. | 1.4 | .. | 1.3 | 0 | 0 | 13 | 01 | 3 | 1 | 0 | 2 | 4 | 2 | 0 | 18 | 0 |
| | 0830 | 98 | 1019.1 | 1007.4 | +1.2 | 12.1 | 10.2 | 8.2 | 10.9 | 78 | - 1 | 2.1 | -0.3 | 1.7 | 0 | 0 | 16 | 00 | 1 | 1 | 0 | 4 | 5 | 5 | 0 | 15 | 0 |
| | 1130 | 98 | 1019.0 | 1007.6 | .. | 21.6 | 15.2 | 9.6 | 11.9 | 48 | .. | 2.2 | .. | 4.1 | 0 | 0 | 28 | 03 | 2 | 2 | 3 | 0 | 6 | 9 | 3 | 3 | 0 |
| | 1430 | 98 | 1016.0 | 1004.7 | .. | 24.2 | 16.2 | 9.4 | 11.8 | 41 | .. | 2.4 | .. | 4.8 | 0 | 0 | 29 | 03 | 2 | 2 | 1 | 0 | 1 | 9 | 11 | 2 | 0 |
| | 1730 | 98 | 1015.4 | 1004.1 | +0.8 | 21.9 | 15.7 | 10.5 | 12.7 | 50 | - 3 | 1.9 | -0.5 | 2.7 | 0 | 1 | 19 | 03 | 4 | 1 | 0 | 0 | 1 | 8 | 3 | 11 | 0 |
| | 2030 | 98 | 1017.3 | 1005.8 | .. | 15.7 | 12.6 | 9.8 | 12.1 | 69 | .. | 0.8 | .. | 0.4 | 0 | 0 | 4 | 00 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 2330 | 98 | 1017.8 | 1006.2 | .. | 13.0 | 10.9 | 8.8 | 11.3 | 77 | .. | 1.1 | .. | 0.7 | 0 | 0 | 7 | 01 | 3 | 0 | 0 | 0 | 0 | 2 | 1 | 24 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1018.2 | 1007.7 | .. | 9.4 | 8.5 | 7.6 | 10.4 | 89 | .. | 1.9 | .. | 2.6 | 0 | 0 | 11 | 00 | 1 | 0 | 0 | 0 | 6 | 4 | 0 | 20 | 0 |
| | 0830 | 85 | 1020.3 | 1010.0 | +1.9 | 13.0 | 11.2 | 9.3 | 11.7 | 79 | + 2 | 2.1 | -0.2 | 6.3 | 0 | 0 | 27 | 00 | 1 | 3 | 1 | 2 | 14 | 4 | 1 | 4 | 1 |
| | 1130 | 85 | 1019.9 | 1009.9 | .. | 20.8 | 15.2 | 10.3 | 12.5 | 53 | .. | 2.1 | .. | 9.5 | 0 | 2 | 25 | 01 | 2 | 4 | 2 | 0 | 1 | 15 | 2 | 4 | 0 |
| | 1730 | 85 | 1016.7 | 1006.6 | +1.5 | 19.9 | 15.0 | 10.8 | 12.9 | 58 | + 1 | 2.4 | +0.3 | 3.1 | 0 | 0 | 18 | 01 | 0 | 4 | 0 | 0 | 2 | 7 | 3 | 13 | 1 |
| | 2330 | 85 | 1018.8 | 1008.4 | .. | 11.9 | 10.5 | 9.1 | 11.5 | 84 | .. | 1.1 | .. | 1.7 | 0 | 0 | 9 | 00 | 2 | 0 | 0 | 0 | 1 | 6 | 0 | 22 | 0 |
| Varanasi | 0830 | 76 | 1019.0 | 1009.9 | +1.3 | 13.0 | 11.0 | 9.7 | 12.0 | 81 | + 1 | 2.0 | -0.1 | 1.9 | 0 | 0 | 28 | 01 | 2 | 3 | 2 | 0 | 5 | 15 | 0 | 3 | 0 |
| | 1730 | 76 | 1015.0 | 1006.3 | +0.6 | 21.1 | 16.0 | 11.7 | 13.7 | 57 | + 6 | 1.7 | -0.5 | 0.1 | 0 | 0 | 12 | 01 | 1 | 2 | 0 | 0 | 0 | 8 | 0 | 19 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 8.0 | 3.1 | - 4.3 | 4.3 | 43 | -13 | 0.9 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 9.1 | 4.2 | - 2.7 | 4.9 | 45 | -14 | 1.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | | .. | .. | .. | 4.7 | 4.0 | 3.1 | 7.6 | 86 | - 5 | 1.4 | -2.0 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1130 | | .. | .. | .. | 13.2 | 8.1 | 2.2 | 7.2 | 48 | .. | 1.7 | .. | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 1730 | | .. | .. | .. | 17.4 | 10.4 | 3.0 | 7.6 | 39 | -19 | 1.4 | -1.7 | 1.4 | 0 | 0 | 14 | 00 | 1 | 2 | 1 | 8 | 2 | 0 | 0 | 17 | 0 |
| Dehra Dun | 0530 | 682 | 1018.7 | 938.7 | .. | 8.3 | 6.5 | 4.4 | 8.4 | 80 | .. | 0.5 | .. | 0.1 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 0830 | 682 | 1019.9 | 939.9 | +1.2 | 8.3 | 6.6 | 4.7 | 8.5 | 78 | + 0 | 0.8 | -2.3 | 1.1 | 0 | 0 | 18 | 11 | 3 | 0 | 0 | 0 | 0 | 3 | 1 | 13 | 0 |
| | 1130 | 682 | 1018.0 | 940.6 | .. | 18.0 | 12.5 | 7.6 | 10.5 | 52 | .. | 1.3 | .. | 1.0 | 0 | 0 | 16 | 00 | 0 | 0 | 3 | 3 | 7 | 3 | 0 | 18 | 0 |
| | 1730 | 682 | 1014.5 | 937.6 | +0.4 | 18.3 | 13.1 | 8.7 | 11.2 | 54 | - 5 | 1.5 | -2.0 | 0.8 | 0 | 0 | 12 | 02 | 0 | 0 | 0 | 1 | 3 | 4 | 2 | 19 | 0 |
| | 2330 | 682 | 1018.8 | 939.8 | .. | 11.4 | 8.7 | 5.9 | 9.3 | 70 | .. | 0.6 | .. | 1.2 | 0 | 0 | 15 | 06 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 16 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | 7.1 | 1.5 | - 8.3 | 3.0 | 33 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 7.8 | 3.1 | - 3.7 | 4.5 | 43 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1020.4 | 987.3 | +2.2 | 8.2 | 6.3 | 3.8 | 8.1 | 74 | -10 | 0.9 | -2.2 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH WEST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee (Contd.) | 1730 | 274 | 1016.9 | 985.3 | +2.3 | 19.6 | 12.6 | 5.3 | 9.0 | 40 | -14 | 1.3 | -2.0 | 0.3 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 25 | 0 |
| Najibabad | 0830 | 270 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 270 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Meerut | 0830 | 222 | 1020.2 | 993.9 | +2.0 | 10.6 | 8.2 | 5.3 | 9.0 | 71 | - 7 | 0.3 | -1.7 | 3.0 | 0 | 0 | 21 | 00 | 1 | 3 | 2 | 0 | 0 | 7 | 8 | 10 | 0 |
| Bareilly | 0830 | 173 | 1019.1 | 998.4 | +1.5 | 11.2 | 9.5 | 7.5 | 10.4 | 79 | - 2 | 1.3 | -1.4 | 3.9 | 0 | 0 | 24 | 01 | 1 | 6 | 1 | 1 | 1 | 10 | 3 | 7 | 0 |
| | 1730 | 173 | 1015.3 | 995.2 | +0.8 | 19.6 | 13.8 | 8.4 | 11.2 | 49 | - 5 | 1.5 | -1.4 | 0.9 | 0 | 0 | 10 | 03 | 0 | 2 | 0 | 0 | 1 | 3 | 1 | 21 | 0 |
| Bareilly P.B.O. | 0230 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.5 | .. | 0.7 | 0 | 0 | 13 | 00 | 1 | 1 | 0 | 0 | 0 | 7 | 4 | 18 | 0 |
| | 0530 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.7 | .. | 1.3 | 0 | 0 | 22 | 03 | 3 | 2 | 0 | 0 | 0 | 7 | 6 | 9 | 1 |
| | 1130 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.5 | .. | 2.6 | 0 | 0 | 28 | 01 | 2 | 2 | 2 | 0 | 2 | 5 | 14 | 3 | 0 |
| | 1430 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.9 | .. | 3.5 | 0 | 1 | 29 | 00 | 2 | 3 | 4 | 0 | 1 | 11 | 9 | 1 | 0 |
| | 2030 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.5 | .. | 1.9 | 0 | 0 | 16 | 00 | 2 | 1 | 0 | 0 | 1 | 11 | 1 | 15 | 0 |
| | 2330 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.3 | .. | 0.7 | 0 | 0 | 14 | 01 | 0 | 3 | 0 | 0 | 0 | 7 | 3 | 17 | 0 |
| Aligarh | 0830 | 187 | 1019.8 | 996.8 | +1.2 | 10.1 | 7.8 | 5.0 | 8.7 | 71 | - 3 | 1.5 | -0.8 | 3.2 | 0 | 0 | 29 | 01 | 4 | 4 | 1 | 1 | 0 | 13 | 5 | 2 | 0 |
| | 1730 | 187 | 1016.0 | 993.8 | +0.5 | 20.5 | 14.1 | 8.1 | 10.8 | 46 | - 1 | 1.6 | -0.7 | 2.1 | 0 | 0 | 28 | 06 | 0 | 4 | 0 | 2 | 1 | 14 | 1 | 3 | 0 |
| Mainpuri | 0830 | 157 | 1019.2 | 1000.3 | +1.2 | 10.3 | 8.9 | 7.3 | 10.2 | 82 | + 2 | 1.5 | -1.0 | 2.0 | 0 | 0 | 16 | 00 | 2 | 2 | 0 | 1 | 0 | 4 | 7 | 15 | 0 |
| | 1730 | 157 | 1016.3 | 997.9 | +1.3 | 20.5 | 15.5 | 11.7 | 13.7 | 57 | + 4 | 2.0 | -0.4 | 1.4 | 0 | 0 | 14 | 02 | 0 | 1 | 1 | 0 | 0 | 5 | 5 | 17 | 0 |
| Agra | 0830 | 169 | 1020.0 | 999.7 | +1.5 | 11.3 | 9.3 | 7.1 | 10.1 | 76 | + 3 | 0.6 | -1.7 | 0.2 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 1730 | 169 | 1015.6 | 996.4 | +0.7 | 20.8 | - | - | - | - | .. | 0.4 | -1.7 | 2.2 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Agra (Aerodrome) | 0530 | | 1017.9 | 997.4 | .. | 7.5 | 6.6 | 5.3 | 8.9 | 86 | .. | 0.3 | .. | 3.0 | 0 | 1 | 9 | 00 | 0 | 3 | 2 | 0 | 1 | 2 | 2 | 21 | 0 |
| | 0830 | | 1019.8 | 999.4 | .. | 9.4 | 8.1 | 6.5 | 9.7 | 84 | .. | 1.5 | .. | 3.0 | 0 | 1 | 14 | 00 | 1 | 1 | 3 | 0 | 2 | 5 | 3 | 16 | 0 |
| | 1130 | | 1019.5 | 999.9 | .. | 20.5 | 14.5 | 9.2 | 11.6 | 49 | .. | 1.0 | .. | 8.5 | 0 | 1 | 20 | 01 | 2 | 2 | 3 | 1 | 3 | 5 | 4 | 10 | 0 |
| | 1730 | | 1015.9 | 996.4 | .. | 21.2 | 15.0 | 9.6 | 11.9 | 49 | .. | 1.5 | .. | 6.4 | 0 | 0 | 24 | 01 | 1 | 1 | 3 | 0 | 2 | 3 | 12 | 7 | 1 |
| | 2330 | | 1018.3 | 998.1 | .. | 11.0 | 9.2 | 7.0 | 10.0 | 78 | .. | 0.4 | .. | 1.7 | 0 | 0 | 7 | 00 | 0 | 4 | 2 | 0 | 0 | 0 | 1 | 24 | 0 |
| Orai | 0830 | 141 | 1019.9 | 1003.3 | +1.6 | 16.8 | 12.7 | 8.7 | 11.2 | 59 | -14 | 0.4 | -1.7 | 2.7 | 0 | 0 | 31 | 03 | 10 | 0 | 0 | 0 | 0 | 2 | 16 | 0 | 0 |
| | 1730 | 141 | 1016.0 | 999.7 | +1.2 | 22.0 | 15.4 | 10.0 | 12.3 | 48 | - 6 | 0.1 | -1.6 | 2.5 | 0 | 0 | 31 | 00 | 17 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| Jhansi | 0830 | 251 | 1020.0 | 990.2 | +1.5 | 12.9 | 7.4 | 5.2 | 8.4 | 61 | - 5 | 0.9 | -1.3 | 0.5 | 0 | 0 | 6 | 02 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 25 | 0 |
| | 1730 | 251 | 1014.7 | 985.9 | +0.3 | 23.0 | 14.3 | 5.6 | 9.0 | 33 | - 6 | 1.3 | -0.7 | 1.4 | 0 | 0 | 18 | 07 | 0 | 3 | 0 | 0 | 0 | 8 | 0 | 13 | 0 |
| PUNJAB (INDIA) (INCLUDING DELHI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1018.8 | 981.1 | .. | 6.4 | 5.0 | 3.0 | 7.6 | 79 | .. | 0.8 | .. | 0.3 | 0 | 0 | 2 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 0830 | 312 | 1020.0 | 982.5 | +1.7 | 8.1 | 5.9 | 3.0 | 7.6 | 71 | -13 | 2.3 | -1.6 | 1.1 | 0 | 0 | 6 | 03 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | 312 | 1019.5 | 983.3 | .. | 18.7 | 11.6 | 3.6 | 7.9 | 37 | .. | 2.1 | .. | 4.7 | 0 | 0 | 22 | 03 | 1 | 1 | 3 | 8 | 4 | 0 | 2 | 9 | 0 |
| | 1730 | 312 | 1016.2 | 980.1 | +0.2 | 19.2 | 11.7 | 3.4 | 7.8 | 35 | -26 | 2.4 | -2.2 | 4.5 | 0 | 0 | 24 | 01 | 0 | 0 | 0 | 0 | 4 | 15 | 4 | 7 | 0 |
| | 2330 | 312 | 1019.4 | 982.0 | .. | 8.9 | 6.5 | 3.3 | 7.7 | 69 | .. | 0.8 | .. | 0.3 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Amritsar | 0530 | 234 | 1018.7 | 990.1 | .. | 4.4 | 3.5 | 2.2 | 8.3 | 86 | .. | 1.4 | .. | 1.2 | 0 | 0 | 9 | 03 | 3 | 2 | 0 | 0 | 0 | 1 | 0 | 22 | 0 |
| | 0830 | 234 | 1020.3 | 991.8 | +1.4 | 4.7 | 3.9 | 2.6 | 7.4 | 86 | - 6 | 2.0 | -1.1 | 1.5 | 0 | 0 | 11 | 00 | 3 | 3 | 0 | 0 | 2 | 2 | 1 | 20 | 0 |
| | 1130 | 234 | 1020.1 | 992.6 | .. | 17.5 | 11.5 | 5.0 | 8.7 | 44 | .. | 1.5 | .. | 3.4 | 0 | 0 | 21 | 02 | 0 | 8 | 3 | 2 | 0 | 0 | 6 | 10 | 0 |
| | 1430 | 234 | 1017.1 | 990.1 | .. | 21.8 | 12.4 | 1.3 | 6.7 | 27 | .. | 2.2 | .. | 7.7 | 0 | 1 | 27 | 02 | 0 | 3 | 1 | 1 | 1 | 9 | 11 | 3 | 0 |
| | 1730 | 234 | 1016.4 | 989.2 | +0.7 | 19.0 | 12.0 | 4.4 | 8.4 | 39 | -22 | 2.5 | -0.9 | 2.8 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 2 | 0 | 10 | 7 | 12 | 0 |
| | 2030 | 234 | 1018.4 | 990.3 | .. | 10.9 | 7.9 | 4.3 | 7.2 | 64 | .. | 1.1 | .. | 1.2 | 0 | 0 | 6 | 00 | 1 | 0 | 0 | 0 | 0 | 4 | 1 | 25 | 0 |
| Adampur Aerodrome | 0830 | 249 | 1020.3 | 989.9 | .. | 4.2 | 3.2 | 2.7 | 6.9 | 84 | .. | 2.0 | .. | 0.3 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 1730 | 249 | 1016.6 | 987.7 | .. | 18.4 | 15.7 | 6.7 | 9.8 | 46 | .. | 1.8 | .. | 0.7 | 0 | 0 | 24 | 01 | 0 | 0 | 0 | 0 | 0 | 8 | 15 | 7 | 0 |
| Ludhiana | 0830 | 247 | 1019.8 | 990.0 | +1.4 | 7.6 | 6.2 | 4.4 | 8.4 | 80 | - 3 | 2.0 | -0.9 | 0.8 | 0 | 0 | 12 | 01 | 1 | 1 | 3 | 0 | 2 | 2 | 2 | 19 | 0 |
| | 1730 | 247 | 1015.7 | 987.2 | +0.3 | 20.2 | 13.6 | 6.9 | 9.9 | 43 | -10 | 1.8 | -1.2 | 1.7 | 0 | 0 | 22 | 02 | 2 | 0 | 2 | 0 | 0 | 1 | 15 | 9 | 0 |
| Ferozepur | 0830 | 200 | 1020.3 | 995.9 | +1.7 | 7.2 | 6.0 | 4.4 | 8.4 | 82 | - 7 | 1.3 | -1.2 | 0.5 | 0 | 0 | 7 | 02 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |
| | 1730 | 200 | 1016.0 | 992.8 | +0.4 | 20.8 | 12.9 | 4.7 | 8.5 | 35 | -20 | 0.3 | -2.6 | 2.3 | 0 | 0 | 28 | 09 | 5 | 0 | 0 | 0 | 0 | 0 | 14 | 3 | 0 |
| Halwara Aerodrome | 0830 | 202 | 1020.0 | 990.6 | .. | 6.4 | 5.5 | 4.2 | 8.2 | 86 | .. | 1.6 | .. | 1.7 | 0 | 0 | 9 | 01 | 0 | 2 | 2 | 0 | 0 | 2 | 2 | 22 | 0 |
| | 1730 | 202 | 1016.2 | 988.2 | .. | 19.0 | 12.2 | 4.9 | 8.7 | 40 | .. | 2.0 | .. | 5.7 | 0 | 0 | 25 | 01 | 3 | 1 | 2 | 0 | 1 | 4 | 13 | 6 | 0 |
| Chandigarh | 0830 | 347 | 1018.3 | 976.7 | +0.6 | 10.8 | 7.0 | 1.8 | 6.9 | 56 | -22 | 0.8 | -1.3 | 1.4 | 0 | 0 | 21 | 00 | 0 | 0 | 10 | 0 | 0 | 0 | 11 | 10 | 0 |
| | 1730 | 347 | 1015.3 | 975.1 | +0.6 | 20.8 | 11.6 | -0.6 | 6.1 | 26 | -32 | 1.3 | -0.6 | 5.1 | 0 | 0 | 25 | 00 | 0 | 0 | 22 | 0 | 0 | 0 | 3 | 6 | 0 |
| Ambala | 0830 | 272 | 1019.2 | 986.4 | +1.0 | 9.2 | 6.3 | 1.8 | 6.9 | 58 | -21 | 0.8 | -1.8 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 1730 | 272 | 1014.8 | 983.5 | -0.1 | 19.9 | 13.5 | 7.1 | 10.1 | 44 | - 8 | 0.5 | -2.1 | 2.6 | 0 | 0 | 20 | 00 | 4 | 0 | 10 | 0 | 0 | 0 | 6 | 11 | 0 |
| Ambala P.B.O. | 0230 | 278 | 1017.9 | 984.7 | .. | 10.3 | 8.2 | 6.1 | 9.4 | 76 | .. | 0.4 | .. | 3.5 | 0 | 0 | 16 | 02 | 1 | 0 | 1 | 1 | 0 | 2 | 9 | 15 | 0 |
| | 0530 | 278 | 1017.6 | 984.2 | .. | 8.6 | 6.9 | 5.0 | 8.7 | 79 | .. | 0.5 | .. | 2.9 | 0 | 0 | 16 | 00 | 3 | 3 | 1 | 0 | 0 | 1 | 8 | 15 | 0 |
| | 1130 | 278 | 1019.0 | 986.5 | .. | 17.8 | 13.7 | 10.6 | 12.8 | 63 | .. | 1.6 | .. | 4.8 | 0 | 0 | 19 | 01 | 1 | 1 | 4 | 1 | 1 | 0 | 10 | 12 | 0 |
| | 1430 | 278 | 1016.1 | 984.1 | .. | 21.1 | 14.8 | 10.3 | 12.5 | 48 | .. | 1.7 | .. | 10.0 | 0 | 3 | 24 | 02 | 1 | 0 | 4 | 1 | 1 | 5 | 13 | 4 | 0 |
| | 2030 | 278 | 1017.3 | 984.9 | .. | 15.1 | 11.5 | 8.5 | 11.1 | 65 | .. | 0.6 | .. | 5.2 | 0 | 1 | 18 | 00 | 1 | 1 | 0 | 1 | 0 | 6 | 10 | 12 | 0 |
| | 2330 | 278 | 1018.0 | 985.0 | .. | 12.7 | 10.0 | 7.4 | 10.3 | 71 | .. | 0.3 | .. | 6.2 | 0 | 2 | 15 | 02 | 1 | 3 | 0 | 0 | 0 | 0 | 11 | 14 | 0 |
| Ambala Aerodrome | 0530 | 274 | 1018.0 | 984.6 | .. | 5.0 | 4.2 | 3.1 | 7.6 | 87 | .. | 0.4 | .. | 1.6 | 0 | 0 | 8 | 00 | 0 | 2 | 1 | 0 | 0 | 2 | 3 | 23 | 0 |
| | 0830 | 274 | 1019.5 | 986.4 | .. | 6.4 | 4.9 | 2.7 | 7.4 | 78 | .. | 1.5 | .. | 2.1 | 0 | 0 | 8 | 00 | 0 | 3 | 1 | 0 | 0 | 2 | 2 | 23 | 0 |
| | 1130 | 274 | 1018.8 | 987.0 | .. | 19.1 | 12.1 | 4.1 | 8.2 | 38 | .. | 1.5 | .. | 8.8 | 0 | 5 | 16 | 00 | 0 | 0 | 6 | 2 | 0 | 6 | 6 | 10 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of lt. in kms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| PUNJAB (INDIA) (INCLUDING DELHI) Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome) (Contd.) | 1730 | 274 | 1015.5 | 983.7 | .. | 19.6 | 12.3 | 4.5 | 8.4 | 38 | .. | 1.4 | .. | 9.1 | 0 | 3 | 21 | 00 | 0 | 0 | 1 | 1 | 1 | 18 | 3 | 7 | 0 |
| | 2330 | 274 | 1018.7 | 985.7 | .. | 9.0 | 7.3 | 5.2 | 8.8 | 78 | .. | 0.3 | .. | 3.6 | 0 | 2 | 8 | 00 | 0 | 2 | 0 | 0 | 0 | 5 | 3 | 21 | 0 |
| Patiala | 0830 | 251 | 1019.6 | 989.7 | +1.9 | 11.3 | 8.8 | 6.0 | 9.3 | 70 | -11 | 1.6 | -1.5 | 2.8 | 0 | 0 | 15 | 00 | 0 | 1 | 2 | 0 | 0 | 0 | 12 | 16 | 0 |
| | 1730 | 251 | 1016.5 | 987.5 | +1.6 | 18.9 | 14.4 | 10.9 | 13.0 | 60 | + 5 | 1.6 | -1.5 | 3.5 | 0 | 0 | 13 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 12 | 18 | 0 |
| Bhatinda | 0830 | 211 | 1019.5 | 994.6 | .. | 13.1 | 9.1 | 4.1 | 8.2 | 55 | -21 | 0.6 | -1.0 | 0.5 | 0 | 0 | 7 | 00 | 1 | 1 | 4 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 1730 | 211 | 1015.8 | 991.3 | .. | 20.6 | 13.3 | 6.0 | 9.3 | 39 | -15 | 1.2 | +0.2 | 1.0 | 0 | 0 | 12 | 03 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 19 | 0 |
| Karnal | 0830 | 249 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 249 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hissar | 0530 | 221 | 1017.8 | 991.1 | .. | 8.2 | 7.1 | 5.7 | 9.1 | 84 | .. | 0.6 | .. | 3.1 | 0 | 0 | 23 | 01 | 2 | 3 | 3 | 0 | 10 | 4 | 0 | 8 | 0 |
| | 0830 | 221 | 1019.8 | 993.1 | +1.0 | 8.4 | 6.9 | 5.1 | 8.8 | 80 | + 5 | 1.4 | -0.9 | 2.9 | 0 | 0 | 25 | 00 | 3 | 4 | 2 | 2 | 11 | 2 | 1 | 6 | 0 |
| | 1130 | 221 | 1019.3 | 993.6 | .. | 19.1 | 14.3 | 10.1 | 12.3 | 56 | .. | 1.1 | .. | 3.4 | 0 | 0 | 25 | 03 | 2 | 2 | 7 | 2 | 3 | 2 | 4 | 6 | 0 |
| | 1730 | 221 | 1015.9 | 990.5 | +0.5 | 22.2 | 16.8 | 12.6 | 14.6 | 56 | +12 | 1.5 | -0.7 | 3.7 | 0 | 0 | 24 | 04 | 1 | 1 | 3 | 0 | 2 | 7 | 6 | 7 | 0 |
| | 2330 | 221 | 1018.3 | 991.9 | .. | 11.9 | 9.8 | 7.6 | 10.4 | 75 | .. | 0.5 | .. | 3.1 | 0 | 0 | 19 | 02 | 0 | 6 | 3 | 1 | 2 | 4 | 1 | 12 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1018.1 | 992.1 | .. | 9.9 | 8.0 | 5.7 | 9.1 | 76 | .. | 0.6 | .. | 2.4 | 0 | 1 | 15 | 02 | 0 | 1 | 1 | 0 | 1 | 5 | 6 | 15 | 0 |
| | 0530 | 216 | 1017.9 | 991.8 | .. | 8.9 | 7.0 | 4.6 | 8.5 | 75 | .. | 0.7 | .. | 2.8 | 0 | 0 | 19 | 00 | 0 | 0 | 1 | 0 | 1 | 11 | 6 | 12 | 0 |
| | 0830 | 216 | 1019.7 | 993.6 | +1.4 | 9.0 | 6.9 | 4.1 | 8.2 | 73 | + 1 | 1.4 | -1.6 | 4.1 | 0 | 0 | 24 | 00 | 1 | 2 | 2 | 1 | 1 | 11 | 6 | 7 | 0 |
| | 1130 | 216 | 1019.4 | 994.2 | .. | 19.2 | 12.6 | 5.9 | 9.3 | 43 | .. | 1.1 | .. | 8.3 | 0 | 0 | 31 | 02 | 1 | 2 | 6 | 2 | 2 | 8 | 8 | 0 | 0 |
| | 1430 | 216 | 1016.4 | 991.5 | .. | 22.5 | 14.0 | 5.4 | 9.0 | 34 | .. | 1.7 | .. | 10.5 | 0 | 2 | 29 | 04 | 0 | 3 | 4 | 4 | 2 | 2 | 11 | 0 | 1 |
| | 1730 | 216 | 1015.8 | 990.8 | +0.9 | 21.4 | 13.6 | 5.7 | 9.1 | 37 | - 4 | 1.3 | -1.4 | 5.1 | 0 | 0 | 26 | 04 | 2 | 3 | 3 | 1 | 0 | 1 | 12 | 5 | 0 |
| | 2030 | 216 | 1017.7 | 992.0 | .. | 14.4 | 10.9 | 7.3 | 10.2 | 63 | .. | 0.7 | .. | 2.1 | 0 | 0 | 21 | 02 | 1 | 2 | 3 | 1 | 0 | 3 | 9 | 10 | 0 |
| | 2330 | 216 | 1018.5 | 992.7 | .. | 11.8 | 9.3 | 6.4 | 9.6 | 71 | .. | 0.6 | .. | 3.0 | 0 | 1 | 16 | 04 | 0 | 1 | 1 | 1 | 1 | 4 | 5 | 14 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1018.4 | 990.2 | .. | 10.0 | 8.8 | 7.4 | 10.3 | 85 | .. | 0.5 | .. | 3.8 | 0 | 1 | 13 | 02 | 0 | 5 | 1 | 2 | 3 | 1 | 0 | 17 | 0 |
| | 0530 | 233 | 1018.3 | 990.1 | .. | 8.1 | 7.1 | 6.1 | 9.4 | 88 | .. | 0.9 | .. | 4.9 | 0 | 0 | 23 | 01 | 1 | 2 | 0 | 5 | 8 | 5 | 1 | 8 | 0 |
| | 0830 | 233 | 1019.8 | 991.7 | .. | 8.8 | 7.5 | 6.0 | 9.3 | 84 | .. | 1.4 | .. | 5.7 | 0 | 0 | 25 | 00 | 1 | 5 | 2 | 4 | 7 | 6 | 0 | 6 | 0 |
| | 1130 | 233 | 1019.8 | 992.6 | .. | 18.9 | 15.0 | 11.8 | 13.8 | 66 | .. | 1.1 | .. | 9.2 | 0 | 0 | 29 | 01 | 0 | 3 | 5 | 1 | 5 | 9 | 5 | 2 | 0 |
| | 1430 | 233 | 1016.8 | 990.0 | .. | 22.4 | 17.5 | 13.5 | 15.5 | 61 | .. | 1.5 | .. | 10.2 | 0 | 3 | 25 | 03 | 3 | 2 | 3 | 0 | 3 | 6 | 8 | 3 | 0 |
| | 1730 | 233 | 1016.0 | 989.1 | .. | 20.7 | 16.5 | 12.9 | 14.9 | 64 | .. | 1.4 | .. | 5.8 | 0 | 0 | 25 | 02 | 2 | 6 | 1 | 0 | 2 | 2 | 10 | 6 | 0 |
| | 2030 | 233 | 1017.6 | 990.2 | .. | 15.1 | 12.7 | 10.5 | 12.7 | 75 | .. | 0.8 | .. | 2.5 | 0 | 0 | 12 | 00 | 1 | 7 | 2 | 0 | 1 | 0 | 1 | 19 | 0 |
| | 2330 | 233 | 1018.6 | 990.9 | .. | 12.5 | 10.7 | 8.9 | 11.4 | 80 | .. | 0.7 | .. | 4.7 | 0 | 1 | 17 | 02 | 1 | 4 | 7 | 1 | 2 | 0 | 1 | 13 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1021.2 | 931.1 | +0.2 | 2.8 | 1.8 | 0.5 | 6.3 | 86 | - 9 | 1.3 | -3.6 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 1014.6 | 928.9 | +0.9 | 16.8 | 12.4 | 8.2 | 10.9 | 59 | - 2 | 1.7 | -2.4 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Bilaspur | 0830 | 587 | 1021.3 | 951.8 | -0.2 | 5.2 | 3.8 | 1.9 | 7.0 | 78 | -18 | 1.0 | -5.6 | 0.2 | 0 | 0 | 5 | 02 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 26 | 0 |
| | 1730 | 587 | 1015.3 | 948.9 | +0.2 | 19.5 | 11.2 | 2.5 | 7.3 | 33 | -25 | 1.5 | -2.8 | 0.5 | 0 | 0 | 12 | 02 | 1 | 2 | 0 | 4 | 1 | 2 | 0 | 19 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3123.9 | 671.5 | .. | -12.0 | -13.5 | -20.0 | 1.0 | 48 | .. | 2.7 | .. | 4.8 | 0 | 0 | 24 | 09 | 12 | 0 | 2 | 0 | 1 | 0 | 0 | 5 | 0 |
| | 0830 | 3514 | 3165.8 | 669.2 | +4.2 | - 8.6 | -10.3 | -14.6 | 1.7 | 63 | + 2 | 2.9 | -2.3 | 2.5 | 0 | 0 | 18 | 00 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 3514 | 3166.1 | 670.5 | +6.6 | - 1.2 | - | - | - | — | .. | 3.2 | -1.3 | 4.8 | 0 | 0 | 24 | 00 | 0 | 0 | 7 | 0 | 17 | 0 | 0 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1583.2 | 849.4 | +3.7 | - 1.8 | - 2.5 | - 3.7 | 4.5 | 86 | - 2 | 6.5 | -0.6 | 1.3 | 0 | 0 | 17 | 00 | 3 | 1 | 5 | 3 | 1 | 1 | 3 | 14 | 0 |
| | 1130 | 1587 | 1591.8 | 850.5 | .. | 1.2 | - 0.6 | - 3.0 | 4.7 | 74 | .. | 6.2 | .. | 1.9 | 0 | 0 | 21 | 02 | 1 | 0 | 7 | 2 | 5 | 0 | 4 | 10 | 0 |
| | 1430 | 1587 | 1567.6 | 848.2 | .. | 2.8 | 0.4 | - 2.9 | 4.6 | 69 | .. | 6.3 | .. | 2.0 | 0 | 0 | 23 | 03 | 4 | 0 | 7 | 0 | 2 | 2 | 5 | 8 | 0 |
| | 1730 | 1587 | 1559.5 | 847.3 | +3.1 | 2.3 | 0.0 | - 3.2 | 4.9 | 69 | - 9 | 6.6 | +0.5 | 1.3 | 0 | 0 | 15 | 03 | 1 | 0 | 0 | 0 | 3 | 1 | 7 | 16 | 0 |
| | 2030 | 1587 | 1568.4 | 848.2 | .. | 0.4 | - 0.8 | - 2.5 | 5.0 | 81 | .. | 6.0 | .. | 0.3 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 29 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1568.8 | 840.1 | .. | - 2.2 | - 2.8 | - 3.9 | 4.4 | 88 | .. | 6.2 | .. | 0.2 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 0830 | 1666 | 1577.4 | 841.1 | .. | - 2.1 | - 2.8 | - 4.0 | 4.3 | 86 | .. | 6.5 | .. | 1.3 | 0 | 0 | 7 | 00 | 2 | 0 | 1 | 4 | 0 | 0 | 0 | 24 | 0 |
| | 1130 | 1666 | 1586.6 | 842.1 | .. | 0.4 | - 1.1 | - 3.6 | 4.5 | 76 | .. | 6.4 | .. | 2.4 | 0 | 0 | 13 | 02 | 2 | 1 | 1 | 2 | 1 | 1 | 3 | 18 | 0 |
| | 1730 | 1666 | 1556.6 | 839.2 | .. | 1.9 | - 0.1 | - 2.2 | 5.1 | 72 | .. | 6.7 | .. | 2.0 | 0 | 0 | 10 | 00 | 3 | 1 | 1 | 1 | 0 | 1 | 3 | 21 | 0 |
| | 2330 | 1666 | 1571.7 | 840.5 | .. | - 1.1 | - 2.2 | - 3.9 | 4.4 | 81 | .. | 5.9 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Gulmarg | 0830 | 2655 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2655 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | | .. | .. | .. | - 2.1 | - 3.8 | - 3.8 | 4.5 | 88 | .. | 6.4 | .. | 2.1 | 0 | 0 | 20 | 00 | 0 | 0 | 9 | 0 | 10 | 1 | 0 | 11 | 0 |
| | 1730 | | .. | .. | .. | 1.6 | - 0.2 | - 2.6 | 4.9 | 76 | .. | 6.6 | .. | 1.3 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 1 | 4 | 8 | 1 | 17 | 0 |
| Banihal | 0830 | | .. | .. | .. | 3.2 | 0.2 | - 4.6 | 4.1 | 59 | .. | 2.5 | .. | 6.6 | 0 | 5 | 5 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 21 | 0 |
| | 1730 | | .. | .. | .. | 10.6 | 4.1 | - 5.6 | 3.9 | 33 | .. | 3.1 | .. | 7.6 | 0 | 2 | 16 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 17 | 13 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| JAMMU AND KASHMIR (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 0830 | 366 | .. | .. | .. | 9.8 | 6.3 | 1.5 | 6.8 | 57 | -11 | 2.2 | -1.6 | 10.4 | 0 | 0 | 31 | 01 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| | 1730 | 366 | .. | .. | .. | 20.5 | 12.4 | 3.4 | 7.9 | 33 | .. | 0.9 | .. | 3.2 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 15 |
| Jammu (Aerodrome) | 0530 | 292 | 1018.4 | 983.1 | .. | 9.1 | 5.9 | 1.3 | 6.7 | 59 | .. | 0.9 | .. | 4.6 | 0 | 0 | 16 | 00 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 0830 | 292 | 1019.6 | 984.4 | .. | 9.5 | 6.0 | 1.8 | 6.9 | 54 | .. | 2.5 | .. | 4.6 | 0 | 0 | 21 | 01 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1130 | 292 | 1019.8 | 985.5 | .. | 17.8 | 10.4 | 1.1 | 6.6 | 32 | .. | 2.1 | .. | 0.2 | 0 | 0 | 10 | 00 | 6 | 2 | 0 | 2 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 292 | 1016.2 | 982.2 | .. | 19.7 | 11.4 | 1.5 | 6.8 | 31 | .. | 2.7 | .. | 2.9 | 0 | 0 | 16 | 01 | 0 | 0 | 0 | 0 | 4 | 11 | 0 | 15 | 0 |
| | 2330 | 292 | 1018.8 | 983.9 | .. | 11.3 | 7.5 | 2.6 | 7.4 | 56 | .. | 0.8 | .. | 3.3 | 0 | 0 | 13 | 00 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| RAJASTHAN, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1018.0 | 996.5 | .. | 7.2 | 5.4 | 3.0 | 7.5 | 75 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 177 | 1019.8 | 998.2 | +1.1 | 6.9 | 5.3 | 3.2 | 7.7 | 78 | - 2 | 0.6 | -1.9 | 0.5 | 0 | 0 | 5 | 00 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1130 | 177 | 1019.5 | 998.9 | .. | 19.4 | 12.1 | 4.0 | 8.1 | 37 | .. | 1.2 | .. | 1.2 | 0 | 0 | 9 | 00 | 3 | 0 | 5 | 0 | 1 | 0 | 0 | 22 | 0 |
| | 1730 | 177 | 1015.8 | 995.3 | +0.1 | 22.3 | 13.4 | 4.0 | 8.1 | 30 | -15 | 0.7 | -1.8 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 2330 | 177 | 1018.5 | 997.3 | .. | 10.8 | 8.0 | 4.5 | 8.2 | 66 | .. | 0.1 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Anupgarh | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahajan | 0830 | 137 | 1018.2 | 996.1 | .. | 9.1 | 5.9 | 1.0 | 6.6 | 57 | .. | 0.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 137 | 1014.3 | 992.7 | .. | 22.3 | 15.2 | 8.7 | 11.0 | 43 | .. | 0.3 | .. | 4.5 | 0 | 0 | 16 | 04 | 4 | 0 | 0 | 0 | 6 | 0 | 2 | 0 | 0 |
| Churu | 0830 | 291 | 1016.1 | 981.0 | -3.0 | 7.8 | 4.2 | - 1.7 | 5.3 | 52 | -24 | 1.3 | -1.6 | 1.0 | 0 | 0 | 11 | 01 | 0 | 3 | 2 | 4 | 1 | 0 | 0 | 20 | 0 |
| | 1730 | 291 | 1011.3 | 978.2 | -3.4 | 23.4 | 12.3 | - 2.7 | 4.9 | 19 | -19 | 1.2 | -1.2 | 4.0 | 0 | 0 | 25 | 17 | 3 | 0 | 0 | 0 | 0 | 2 | 3 | 6 | 0 |
| Bikaner | 0830 | 224 | 1019.9 | 992.6 | +1.1 | 7.7 | 3.9 | - 2.6 | 4.9 | 49 | -15 | 0.1 | -1.7 | 1.6 | 0 | 0 | 18 | 01 | 5 | 7 | 1 | 1 | 2 | 1 | 0 | 13 | 0 |
| | 1730 | 224 | 1015.3 | 989.8 | +0.8 | 23.9 | 12.8 | - 1.0 | 5.6 | 20 | -14 | 0.4 | -1.2 | 5.4 | 0 | 0 | 30 | 12 | 11 | 0 | 1 | 0 | 0 | 1 | 5 | 1 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1018.2 | 990.8 | .. | 6.7 | 3.6 | - 1.5 | 5.4 | 56 | .. | 0.6 | .. | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1130 | 224 | 1019.0 | 993.0 | .. | 21.2 | 11.8 | 0.2 | 6.2 | 26 | .. | 1.1 | .. | 6.5 | 0 | 0 | 24 | 01 | 2 | 2 | 12 | 4 | 1 | 0 | 2 | 7 | 0 |
| | 2330 | 224 | 1018.4 | 991.6 | .. | 11.8 | 7.3 | 1.1 | 6.6 | 49 | .. | 0.1 | .. | 1.8 | 0 | 0 | 8 | 02 | 5 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 0 |
| Nagaur | 0830 | 298 | 1019.1 | 984.3 | +0.9 | 16.4 | 10.4 | 2.9 | 7.5 | 41 | -13 | 1.2 | -0.3 | 5.0 | 0 | 0 | 29 | 04 | 6 | 8 | 5 | 2 | 1 | 0 | 3 | 2 | 0 |
| | 1730 | 298 | 1014.5 | 980.7 | +0.4 | 24.6 | 15.3 | 6.4 | 9.6 | 32 | - 3 | 2.0 | +0.6 | 5.0 | 0 | 0 | 31 | 09 | 9 | 3 | 0 | 1 | 1 | 2 | 6 | 0 | 0 |
| Phalodi | 0830 | 234 | 1020.0 | 991.0 | +0.9 | 10.2 | 7.0 | - 0.5 | 5.8 | 48 | -14 | 1.4 | -0.6 | 3.0 | 0 | 0 | 23 | 05 | 3 | 0 | 5 | 4 | 2 | 2 | 2 | 8 | 0 |
| | 1730 | 234 | 1016.0 | 989.4 | +0.9 | 24.7 | 13.9 | 1.8 | 7.4 | 23 | -13 | 1.2 | -1.0 | 8.4 | 0 | 0 | 30 | 12 | 5 | 2 | 1 | 1 | 2 | 1 | 6 | 1 | 0 |
| Jaisalmer | 0830 | 242 | 1018.5 | 989.6 | +0.8 | 10.9 | 7.4 | 3.0 | 7.6 | 58 | - 6 | 1.5 | +0.2 | 4.0 | 0 | 0 | 19 | 08 | 7 | 3 | 0 | 1 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 242 | 1014.5 | 987.0 | +0.4 | 24.6 | 18.3 | 14.0 | 16.0 | 51 | +10 | 1.3 | -0.3 | 8.8 | 0 | 0 | 29 | 15 | 9 | 0 | 0 | 1 | 1 | 2 | 1 | 2 | 0 |
| Jodhpur | 0230 | 224 | 1016.4 | 990.2 | .. | 17.9 | 10.5 | 0.3 | 6.2 | 33 | .. | 0.7 | .. | 10.5 | 0 | 0 | 30 | 09 | 19 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 |
| | 0530 | 224 | 1016.3 | 990.3 | .. | 17.5 | 10.4 | 1.4 | 6.8 | 35 | .. | 1.0 | .. | 9.6 | 0 | 0 | 30 | 06 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 0830 | 224 | 1018.6 | 991.9 | +0.7 | 12.9 | 7.8 | 0.7 | 6.4 | 44 | - 6 | 1.9 | -0.1 | 9.9 | 0 | 1 | 30 | 03 | 22 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1130 | 224 | 1018.6 | 992.7 | .. | 21.6 | 12.9 | 3.3 | 7.7 | 31 | .. | 1.6 | .. | 12.0 | 0 | 3 | 27 | 02 | 14 | 10 | 3 | 0 | 1 | 0 | 0 | 1 | 0 |
| | 1430 | 224 | 1015.3 | 989.7 | .. | 24.3 | 13.9 | 2.1 | 7.1 | 26 | .. | 1.9 | .. | 11.3 | 0 | 2 | 29 | 03 | 6 | 7 | 4 | 1 | 1 | 3 | 5 | 0 | 1 |
| | 1730 | 224 | 1014.4 | 988.8 | +0.4 | 25.9 | 14.9 | 3.7 | 8.0 | 25 | - 2 | 2.2 | +0.0 | 10.2 | 0 | 0 | 30 | 04 | 10 | 6 | 0 | 2 | 1 | 2 | 4 | 1 | 1 |
| | 2030 | 224 | 1015.9 | 990.1 | .. | 22.0 | 12.7 | 1.6 | 6.9 | 27 | .. | 1.6 | .. | 8.6 | 0 | 0 | 29 | 08 | 14 | 3 | 1 | 0 | 0 | 1 | 2 | 2 | 0 |
| | 2330 | 224 | 1016.9 | 990.8 | .. | 19.9 | 11.4 | 0.5 | 6.3 | 29 | .. | 1.1 | .. | 10.7 | 0 | 1 | 28 | 07 | 19 | 1 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| Barmer | 0530 | 194 | 1015.5 | 992.5 | .. | 14.6 | 9.7 | 3.9 | 8.1 | 50 | .. | 0.4 | .. | 5.2 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 0 |
| | 0830 | 194 | 1017.3 | 994.3 | +0.0 | 13.8 | 9.2 | 3.6 | 7.9 | 51 | - 2 | 1.2 | -0.6 | 3.8 | 0 | 0 | 29 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 2 | 0 |
| | 1130 | 194 | 1018.0 | 995.5 | .. | 20.7 | 13.5 | 6.0 | 9.3 | 39 | .. | 1.6 | .. | 4.7 | 0 | 0 | 27 | 10 | 6 | 0 | 0 | 0 | 0 | 0 | 11 | 4 | 0 |
| | 1730 | 194 | 1013.7 | 991.6 | -0.1 | 26.0 | 16.8 | 8.9 | 11.4 | 35 | + 4 | 2.2 | +0.4 | 4.2 | 0 | 0 | 29 | 07 | 11 | 1 | 0 | 1 | 2 | 1 | 6 | 2 | 0 |
| | 2330 | 194 | 1016.5 | 993.8 | .. | 17.8 | 11.5 | 4.6 | 8.5 | 42 | .. | 0.3 | .. | 3.8 | 0 | 0 | 22 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 19 | 9 | 0 |
| Kriapura(Jawai Dam) | 0830 | 295 | 1017.0 | 982.9 | +0.0 | 12.3 | 9.7 | 7.0 | 10.0 | 71 | - 3 | 1.3 | -1.1 | 2.0 | 0 | 0 | 17 | 00 | 1 | 1 | 6 | 3 | 6 | 0 | 0 | 14 | 0 |
| | 1730 | 295 | 1013.2 | 979.7 | -0.5 | 24.1 | 16.8 | 11.0 | 13.1 | 44 | + 2 | 1.1 | -1.0 | 2.0 | 0 | 0 | 16 | 07 | 2 | 0 | 0 | 0 | 0 | 4 | 3 | 15 | 0 |
| RAJASTHAN, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1020.2 | 984.1 | +0.3 | 8.8 | 5.5 | 0.3 | 6.2 | 57 | - 4 | 1.2 | +0.1 | 5.4 | 0 | 0 | 28 | 02 | 0 | 2 | 8 | 9 | 6 | 1 | 0 | 3 | 0 |
| | 1730 | 301 | 1015.8 | 981.4 | +0.2 | 22.5 | 13.0 | 2.0 | 7.0 | 27 | - 8 | 1.4 | +0.2 | 5.4 | 0 | 0 | 25 | 08 | 5 | 2 | 1 | 0 | 0 | 4 | 5 | 6 | 0 |
| Sikar | 0830 | 433 | 1019.8 | 968.4 | +1.0 | 9.5 | 6.2 | 2.2 | 7.1 | 58 | -17 | 1.0 | -1.1 | 1.0 | 0 | 0 | 11 | 00 | 0 | 0 | 6 | 0 | 0 | 3 | 2 | 20 | 0 |
| | 1730 | 433 | 1014.3 | 965.4 | +0.0 | 22.7 | 12.7 | 0.2 | 6.1 | 26 | -24 | 0.9 | -1.6 | 1.5 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | 12 | 0 |
| Alwar | 0830 | 271 | 1019.3 | 986.7 | +1.1 | 9.8 | 8.4 | 6.9 | 9.9 | 82 | - 2 | 1.7 | -0.5 | 0.0 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 30 | 0 |
| | 1730 | 271 | 1015.9 | 984.8 | +1.3 | 21.3 | 16.1 | 12.1 | 14.1 | 56 | + 7 | 1.7 | -0.6 | 0.6 | 0 | 0 | 8 | 04 | 1 | 0 | 2 | 0 | 0 | 0 | 1 | 23 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1017.2 | 971.2 | .. | 11.8 | 8.3 | 3.4 | 7.7 | 56 | .. | 0.5 | .. | 3.9 | 0 | 1 | 17 | 02 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| | 0530 | 390 | 1017.3 | 971.1 | .. | 10.7 | 7.3 | 3.0 | 7.5 | 60 | .. | 0.6 | .. | 4.3 | 0 | 0 | 22 | 02 | 9 | 10 | 1 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 0830 | 390 | 1019.1 | 973.1 | +0.9 | 11.8 | 8.1 | 3.5 | 7.8 | 58 | - 2 | 1.4 | -0.7 | 4.3 | 0 | 0 | 20 | 03 | 2 | 15 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| | 1130 | 390 | 1018.4 | 973.7 | .. | 20.7 | 12.5 | 3.2 | 7.6 | 33 | .. | 1.3 | .. | 6.6 | 0 | 2 | 25 | 01 | 1 | 4 | 14 | 4 | 1 | 2 | 0 | 4 | 0 |
| | 1430 | 390 | 1014.9 | 970.8 | .. | 23.7 | 13.6 | 2.2 | 7.1 | 26 | .. | 1.5 | .. | 5.5 | 0 | 0 | 27 | 01 | 0 | 5 | 3 | 3 | 4 | 8 | 3 | 4 | 0 |
| | 1730 | 390 | 1014.5 | 970.1 | +0.3 | 22.4 | 13.3 | 3.3 | 7.7 | 29 | - 6 | 1.7 | -0.7 | 2.1 | 0 | 0 | 16 | 02 | 1 | 6 | 1 | 1 | 0 | 2 | 3 | 15 | 0 |
| | 2030 | 390 | 1016.9 | 971.5 | .. | 15.7 | 10.3 | 3.9 | 8.0 | 46 | .. | 0.7 | .. | 2.7 | 0 | 0 | 17 | 05 | 3 | 7 | 0 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 2330 | 390 | 1017.7 | 971.9 | .. | 13.8 | 9.1 | 3.3 | 7.7 | 50 | .. | 0.4 | .. | 4.4 | 0 | 2 | 19 | 03 | 5 | 12 | 0 | 0 | 0 | 0 | 1 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST(Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur | 0830 | 176 | 1019.3 | 998.1 | +1.2 | 10.3 | 7.9 | 4.9 | 9.0 | 70 | -11 | 1.0 | -1.6 | 0.6 | 0 | 0 | 3 | 00 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 176 | 1015.0 | 994.7 | +0.7 | 21.4 | 13.9 | 6.6 | 9.7 | 39 | -20 | 1.1 | -1.3 | 0.5 | 0 | 0 | 4 | 00 | 1 | 2 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| Ajmer* | 0830 | 486 | 1020.1 | 962.8 | +1.2 | 9.9 | 6.9 | 3.3 | 7.7 | 64 | - 1 | 1.8 | -0.3 | 1.7 | 0 | 0 | 16 | 02 | 6 | 0 | 0 | 0 | 0 | 3 | 5 | 15 | 0 |
| | 1730 | 486 | 1014.4 | 959.7 | +0.7 | 22.7 | 12.5 | 1.9 | 7.0 | 26 | -10 | 2.5 | +0.4 | 2.8 | 0 | 0 | 25 | 03 | 6 | 4 | 5 | 0 | 1 | 3 | 3 | 6 | 0 |
| Tonk | 0830 | 272 | 1018.7 | 986.2 | +0.9 | 10.2 | 7.7 | 4.4 | 8.4 | 65 | - 8 | 1.6 | +0.4 | 9.0 | 0 | 1 | 30 | 02 | 2 | 0 | 2 | 0 | 1 | 4 | 20 | 0 | 0 |
| | 1730 | 272 | 1013.3 | 982.3 | +0.2 | 23.4 | 15.5 | 8.6 | 11.8 | 41 | + 0 | 1.2 | -0.3 | 4.0 | 0 | 1 | 30 | 04 | 6 | 3 | 0 | 2 | 1 | 7 | 8 | 0 | 0 |
| Bhilwara | 0830 | 425 | 1019.7 | 969.8 | .. | 11.9 | 7.8 | 2.2 | 7.2 | 52 | .. | 1.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 425 | 1014.7 | 966.9 | .. | 23.7 | 13.7 | 2.9 | 7.5 | 27 | .. | 1.2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kota | 0830 | 257 | 1019.1 | 988.6 | +0.9 | 13.1 | 9.7 | 5.8 | 9.2 | 62 | - 2 | 1.6 | -0.5 | 1.4 | 0 | 0 | 11 | 01 | 4 | 1 | 1 | 1 | 0 | 0 | 3 | 20 | 0 |
| | 1730 | 257 | 1014.5 | 985.3 | +0.8 | 23.3 | 14.9 | 7.1 | 10.1 | 36 | + 2 | 1.8 | -0.3 | 1.3 | 0 | 0 | 12 | 02 | 6 | 3 | 0 | 0 | 0 | 0 | 1 | 19 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1017.1 | 984.6 | .. | 12.2 | 7.9 | 2.3 | 7.2 | 52 | .. | 0.8 | .. | 5.0 | 0 | 0 | 30 | 04 | 2 | 2 | 2 | 3 | 4 | 11 | 2 | 1 | 0 |
| | 0830 | 274 | 1019.2 | 986.8 | .. | 13.6 | 8.8 | 2.8 | 7.4 | 48 | .. | 2.0 | .. | 2.3 | 0 | 0 | 14 | 00 | 5 | 1 | 0 | 0 | 3 | 5 | 0 | 17 | 0 |
| | 1130 | 274 | 1019.1 | 987.2 | .. | 20.0 | 12.4 | 4.1 | 8.1 | 36 | .. | 1.5 | .. | 5.5 | 0 | 0 | 28 | 02 | 4 | 16 | 3 | 0 | 0 | 1 | 2 | 3 | 0 |
| | 1730 | 274 | 1014.6 | 983.4 | .. | 23.8 | 13.6 | 2.5 | 7.3 | 26 | .. | 1.9 | .. | 4.5 | 0 | 0 | 26 | 03 | 12 | 7 | 0 | 0 | 0 | 2 | 2 | 5 | 0 |
| | 2330 | 274 | 1017.5 | 985.3 | .. | 15.9 | 9.7 | 1.6 | 6.8 | 39 | .. | 0.5 | .. | 6.0 | 0 | 0 | 29 | 01 | 4 | 8 | 2 | 3 | 3 | 6 | 2 | 2 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1018.9 | 977.6 | +0.9 | 13.2 | 9.3 | 4.8 | 8.6 | 56 | -14 | 1.0 | -1.0 | 0.0 | 0 | 0 | 3 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 351 | 1014.1 | 974.5 | +0.8 | 24.2 | 14.7 | 5.3 | 8.9 | 30 | - 7 | 0.9 | -1.1 | 5.0 | 0 | 0 | 28 | 04 | 19 | 3 | 1 | 0 | 0 | 0 | 1 | 3 | 0 |
| Udaipur | 0230 | 583 | 1017.9 | 950.1 | .. | 11.3 | 8.6 | 5.7 | 9.1 | 69 | .. | 0.8 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0530 | 583 | 1018.1 | 949.9 | .. | 9.6 | 7.5 | 5.2 | 8.8 | 75 | .. | 0.7 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 30 | 0 |
| | 0830 | 583 | 1019.6 | 951.7 | +1.0 | 11.8 | 8.6 | 5.1 | 8.8 | 64 | - 2 | 1.7 | +0.2 | 0.5 | 0 | 0 | 5 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 0 |
| | 1130 | 583 | 1017.7 | 952.2 | .. | 22.0 | 13.3 | 5.1 | 9.0 | 35 | .. | 1.3 | .. | 3.3 | 0 | 0 | 21 | 02 | 9 | 2 | 5 | 0 | 2 | 0 | 1 | 10 | 0 |
| | 1730 | 583 | 1013.7 | 948.8 | +0.9 | 23.3 | 13.9 | 5.5 | 9.0 | 33 | - 7 | 1.7 | +0.0 | 2.5 | 0 | 0 | 13 | 01 | 5 | 3 | 1 | 0 | 2 | 0 | 1 | 18 | 0 |
| | 2330 | 583 | 1018.0 | 950.6 | .. | 13.3 | 9.7 | 6.0 | 9.4 | 63 | .. | 0.7 | .. | 1.2 | 0 | 0 | 4 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 27 | 0 |
| Jhalawar | 0830 | 321 | 1018.7 | 980.9 | +0.9 | 13.4 | 8.9 | 3.5 | 7.8 | 51 | -13 | 1.5 | -0.2 | 0.0 | 0 | 0 | 5 | 03 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 26 | 0 |
| | 1730 | 321 | 1014.0 | 977.8 | +0.9 | 24.5 | 14.1 | 3.4 | 7.7 | 26 | -10 | 0.9 | -0.9 | 2.0 | 0 | 0 | 19 | 07 | 6 | 2 | 1 | 0 | 0 | 0 | 3 | 12 | 0 |
| Banswara | 0830 | 220 | 1014.1 | 988.4 | .. | 18.0 | 11.4 | 3.4 | 7.8 | 35 | .. | 0.8 | .. | 6.0 | 0 | 0 | 27 | 01 | 2 | 10 | 12 | 1 | 0 | 0 | 1 | 4 | 0 |
| | 1730 | 220 | 1008.9 | 984.4 | .. | 27.6 | 15.9 | 4.4 | 8.3 | 24 | .. | 0.6 | .. | 4.0 | 0 | 0 | 24 | 05 | 3 | 2 | 2 | 2 | 2 | 3 | 5 | 7 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1017.8 | 992.8 | .. | 8.6 | 6.3 | 3.0 | 7.7 | 69 | .. | 0.6 | .. | 0.9 | 0 | 0 | 6 | 00 | 0 | 0 | 1 | 2 | 1 | 2 | 0 | 25 | 0 |
| | 0530 | 207 | 1017.8 | 992.7 | .. | 7.3 | 5.4 | 2.9 | 7.5 | 77 | .. | 0.3 | .. | 0.9 | 0 | 0 | 6 | 01 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 25 | 0 |
| | 0830 | 207 | 1019.7 | 994.9 | +1.3 | 11.4 | 8.0 | 3.1 | 8.0 | 61 | - 5 | 1.1 | -1.4 | 1.1 | 0 | 0 | 10 | 01 | 0 | 0 | 5 | 3 | 1 | 0 | 0 | 21 | 0 |
| | 1130 | 207 | 1019.0 | 995.0 | .. | 21.4 | 13.0 | 3.3 | 8.3 | 33 | .. | 1.2 | .. | 6.2 | 0 | 1 | 27 | 04 | 8 | 1 | 8 | 1 | 1 | 2 | 3 | 3 | 0 |
| | 1430 | 207 | 1015.9 | 992.2 | .. | 23.9 | 13.6 | 1.8 | 7.3 | 25 | .. | 1.3 | .. | 7.4 | 0 | 0 | 29 | 07 | 4 | 1 | 5 | 2 | 1 | 2 | 7 | 2 | 0 |
| | 1730 | 207 | 1015.5 | 991.7 | +1.0 | 22.1 | 13.3 | 3.7 | 8.2 | 32 | - 6 | 1.4 | -1.0 | 4.8 | 0 | 0 | 27 | 10 | 7 | 4 | 2 | 0 | 0 | 0 | 4 | 4 | 0 |
| | 2030 | 207 | 1017.8 | 993.2 | .. | 13.5 | 9.4 | 4.5 | 8.5 | 55 | .. | 0.6 | .. | 0.5 | 0 | 0 | 3 | 00 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 28 | 0 |
| | 2330 | 207 | 1018.4 | 993.5 | .. | 10.2 | 7.3 | 3.4 | 7.9 | 64 | .. | 0.4 | .. | 0.5 | 0 | 0 | 5 | 00 | 0 | 0 | 2 | 2 | 0 | 1 | 0 | 26 | 0 |
| Sheopur | 0830 | 235 | 1019.5 | 991.5 | +1.6 | 11.7 | 8.2 | 3.6 | 8.1 | 58 | -15 | 1.4 | -1.0 | 2.8 | 0 | 0 | 22 | 08 | 3 | 3 | 0 | 6 | 0 | 2 | 0 | 9 | 0 |
| | 1730 | 235 | 1014.6 | 987.9 | +1.2 | 24.6 | 14.1 | 2.8 | 7.6 | 25 | -14 | 1.6 | -1.0 | 6.5 | 0 | 0 | 27 | 18 | 2 | 2 | 0 | 0 | 0 | 2 | 3 | 4 | 0 |
| Shivpuri | 0830 | 464 | 1019.5 | 965.0 | .. | 12.0 | 8.4 | 4.4 | 8.4 | 61 | .. | 1.5 | .. | 2.7 | 0 | 0 | 19 | 00 | 4 | 8 | 1 | 1 | 4 | 0 | 1 | 12 | 0 |
| | 1730 | 464 | 1014.9 | 962.6 | .. | 22.2 | 12.2 | 2.2 | 7.0 | 28 | .. | 1.6 | .. | 4.8 | 0 | 0 | 25 | 05 | 11 | 9 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Nowgong | 0830 | 229 | 1019.9 | 992.4 | +1.3 | 9.8 | 8.1 | 5.9 | 9.4 | 77 | - 4 | 1.6 | -0.9 | 1.5 | 0 | 0 | 15 | 00 | 1 | 2 | 1 | 2 | 8 | 1 | 0 | 16 | 0 |
| | 1730 | 229 | 1015.1 | 989.0 | +1.0 | 23.4 | 14.4 | 5.5 | 9.1 | 32 | - 9 | 1.5 | -0.9 | 1.9 | 0 | 0 | 21 | 06 | 7 | 4 | 0 | 0 | 1 | 0 | 3 | 10 | 0 |
| Guna | 0530 | 478 | 1017.9 | 961.4 | .. | 9.4 | 6.7 | 3.6 | 7.9 | 68 | .. | 1.2 | .. | 3.3 | 0 | 0 | 16 | 00 | 4 | 2 | 7 | 1 | 0 | 2 | 0 | 15 | 0 |
| | 0830 | 478 | 1019.3 | 963.6 | +1.4 | 13.4 | 9.3 | 5.1 | 8.8 | 59 | - 8 | 1.7 | -0.3 | 4.1 | 0 | 0 | 25 | 01 | 1 | 9 | 10 | 2 | 1 | 1 | 0 | 6 | 0 |
| | 1130 | 478 | 1017.8 | 963.7 | .. | 22.8 | 14.2 | 6.7 | 9.9 | 36 | .. | 1.9 | .. | 8.3 | 0 | 0 | 29 | 03 | 5 | 9 | 7 | 2 | 0 | 0 | 3 | 2 | 0 |
| | 1730 | 478 | 1013.9 | 960.2 | +0.7 | 23.6 | 14.0 | 5.5 | 9.0 | 31 | - 6 | 2.1 | +0.1 | 7.1 | 0 | 0 | 29 | 06 | 7 | 4 | 2 | 1 | 0 | 4 | 5 | 2 | 0 |
| | 2330 | 478 | 1018.2 | 962.5 | .. | 13.4 | 9.0 | 4.2 | 8.3 | 54 | .. | 0.8 | .. | 3.5 | 0 | 0 | 16 | 00 | 3 | 9 | 3 | 0 | 0 | 1 | 0 | 15 | 0 |
| Nimach | 0830 | 496 | 1019.5 | 961.8 | +1.3 | 14.2 | 8.7 | 2.3 | 7.3 | 45 | -10 | 1.5 | -0.6 | 5.0 | 0 | 0 | 28 | 04 | 15 | 7 | 0 | 0 | 0 | 0 | 1 | 3 | 1 |
| | 1730 | 496 | 1013.9 | 958.5 | +0.7 | 24.6 | 13.7 | 3.1 | 7.7 | 25 | - 6 | 1.0 | -1.3 | 5.3 | 0 | 0 | 27 | 00 | 15 | 2 | 0 | 0 | 2 | 2 | 0 | 4 | 6 |
| Rajgarh | 0830 | 382 | 1019.0 | 974.0 | +1.4 | 12.3 | 8.1 | 2.5 | 7.5 | 52 | -13 | 2.3 | +0.7 | 2.3 | 0 | 0 | 18 | 03 | 1 | 4 | 7 | 1 | 1 | 1 | 0 | 13 | 0 |
| | 1730 | 382 | 1013.2 | 970.4 | +0.9 | 25.3 | 14.4 | 2.4 | 7.6 | 24 | - 5 | 1.6 | -0.1 | 7.6 | 0 | 0 | 31 | 14 | 4 | 6 | 1 | 2 | 0 | 0 | 4 | 0 | 0 |
| Sagar | 0830 | 551 | 1018.8 | 955.2 | +1.4 | 15.5 | 10.7 | 5.9 | 9.4 | 54 | + 1 | 1.5 | -0.9 | 2.9 | 0 | 0 | 19 | 00 | 2 | 7 | 0 | 1 | 1 | 4 | 4 | 12 | 0 |
| | 1730 | 551 | 1013.9 | 952.3 | +1.3 | 23.2 | 14.4 | 6.8 | 10.0 | 36 | - 2 | 1.4 | -1.2 | 1.9 | 0 | 0 | 17 | 00 | 1 | 6 | 0 | 0 | 0 | 5 | 5 | 14 | 0 |
| Ratlam | 0830 | 486 | 1018.4 | 961.9 | +1.2 | 14.6 | 10.1 | 5.4 | 9.1 | 54 | -10 | 2.3 | +0.2 | 8.6 | 0 | 0 | 30 | 03 | 15 | 9 | 1 | 1 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 486 | 1012.9 | 958.7 | +0.7 | 25.4 | 16.5 | 9.8 | 12.3 | 39 | + 2 | 2.0 | -0.5 | 7.8 | 0 | 0 | 30 | 02 | 14 | 5 | 1 | 0 | 2 | 3 | 3 | 1 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1016.3 | 955.8 | .. | 14.3 | 10.3 | 6.4 | 9.6 | 61 | .. | 0.7 | .. | 5.5 | 0 | 0 | 22 | 01 | 10 | 4 | 5 | 1 | 0 | 1 | 0 | 9 | 0 |
| | 0530 | 523 | 1016.6 | 955.8 | .. | 13.1 | 9.6 | 6.1 | 9.4 | 64 | .. | 0.9 | .. | 5.4 | 0 | 0 | 23 | 03 | 5 | 7 | 5 | 0 | 0 | 0 | 3 | 8 | 0 |
| | 0830 | 523 | 1018.5 | 958.0 | +0.7 | 15.2 | 10.9 | 6.8 | 9.9 | 59 | - 1 | 1.9 | -0.2 | 6.4 | 0 | 0 | 23 | 03 | 5 | 6 | 8 | 0 | 0 | 0 | 1 | 8 | 0 |
| | 1130 | 523 | 1017.2 | 958.2 | .. | 21.8 | 14.6 | 8.5 | 11.5 | 44 | .. | 2.2 | .. | 10.5 | 0 | 0 | 30 | 01 | 5 | 12 | 10 | 1 | 0 | 0 | 1 | 1 | 0 |
| | 1430 | 523 | 1015.6 | 955.4 | .. | 24.9 | 16.0 | 9.0 | 11.7 | 38 | .. | 2.3 | .. | 6.8 | 0 | 1 | 23 | 04 | 5 | 3 | 4 | 1 | 3 | 1 | 3 | 7 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 1730 | 523 | 1013.3 | 954.9 | +0.6 | 23.8 | 15.2 | 8.1 | 11.0 | 39 | + 4 | 2.3 | +0.3 | 7.0 | 0 | 0 | 30 | 05 | 12 | 6 | 3 | 0 | 0 | 1 | 3 | 1 | 0 |
| | 2030 | 523 | 1016.2 | 956.5 | .. | 18.7 | 12.8 | 7.4 | 10.5 | 49 | .. | 1.4 | .. | 3.9 | 0 | 0 | 21 | 03 | 8 | 5 | 3 | 1 | 1 | 0 | 0 | 10 | 0 |
| | 2330 | 523 | 1016.9 | 956.8 | .. | 16.4 | 11.7 | 7.0 | 10.4 | 54 | .. | 0.9 | .. | 4.7 | 0 | 0 | 19 | 05 | 7 | 3 | 3 | 0 | 0 | 1 | 0 | 12 | 0 |
| Ujjain | 0830 | 489 | 1018.6 | 961.6 | .. | 13.5 | 9.3 | 4.8 | 8.7 | 57 | .. | 2.6 | .. | 4.2 | 0 | 0 | 14 | 01 | 2 | 9 | 1 | 0 | 0 | 1 | 0 | 17 | 0 |
| Narsinghpur | 1730 | 489 | 1013.0 | 958.3 | .. | 25.0 | 15.4 | 7.4 | 10.5 | 35 | .. | 2.6 | .. | 5.8 | 0 | 1 | 21 | 02 | 6 | 6 | 0 | 0 | 1 | 3 | 4 | 9 | 0 |
| | 0830 | 356 | 1019.0 | 977.1 | .. | 13.4 | 9.5 | 5.2 | 8.8 | 56 | .. | 2.3 | .. | 2.1 | 0 | 0 | 30 | 00 | 25 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| Hoshangabad | 1730 | 356 | 1013.6 | 973.5 | .. | 24.8 | 15.5 | 6.9 | 10.1 | 33 | .. | 2.7 | .. | 1.8 | 0 | 0 | 23 | 00 | 17 | 0 | 2 | 0 | 1 | 0 | 3 | 8 | 0 |
| | 0830 | 302 | 1018.5 | 983.0 | +1.0 | 14.9 | 11.2 | 7.3 | 10.4 | 62 | + 0 | 0.9 | -1.2 | 2.6 | 0 | 0 | 31 | 00 | 7 | 10 | 2 | 5 | 6 | 1 | 0 | 0 | 0 |
| Indore | 1730 | 302 | 1013.4 | 979.3 | +0.9 | 25.3 | 17.3 | 10.0 | 13.3 | 40 | + 3 | 1.1 | -1.3 | 2.2 | 0 | 0 | 31 | 00 | 0 | 5 | 1 | 18 | 5 | 2 | 0 | 0 | 0 |
| | 0530 | 567 | 1016.4 | 950.5 | .. | 11.7 | 7.9 | 3.5 | 7.9 | 59 | .. | 1.3 | .. | 5.2 | 0 | 0 | 21 | 01 | 5 | 11 | 0 | 1 | 0 | 1 | 2 | 10 | 0 |
| | 0830 | 567 | 1018.2 | 952.7 | +1.1 | 14.1 | 9.5 | 4.3 | 8.5 | 54 | - 9 | 2.1 | +0.2 | 6.8 | 0 | 0 | 28 | 02 | 5 | 11 | 2 | 4 | 3 | 1 | 0 | 3 | 0 |
| | 1130 | 567 | 1016.2 | 952.8 | .. | 23.6 | 14.0 | 4.9 | 9.0 | 32 | .. | 1.6 | .. | 13.6 | 0 | 4 | 27 | 02 | 3 | 12 | 6 | 5 | 1 | 1 | 1 | 0 | 0 |
| | 1730 | 567 | 1012.3 | 949.4 | +0.7 | 24.9 | 14.6 | 4.2 | 9.1 | 29 | - 2 | 2.0 | -0.2 | 12.0 | 0 | 5 | 25 | 02 | 16 | 4 | 1 | 2 | 3 | 1 | 1 | 1 | 0 |
| | 2330 | 567 | 1016.9 | 951.6 | .. | 15.0 | 9.8 | 4.4 | 8.4 | 49 | .. | 1.1 | .. | 8.3 | 0 | 2 | 26 | 03 | 8 | 12 | 0 | 1 | 3 | 1 | 0 | 3 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1018.0 | 983.5 | +0.8 | 14.1 | 9.7 | 4.3 | 8.5 | 53 | -12 | 1.9 | +0.2 | 0.8 | 0 | 0 | 9 | 00 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 293 | 1012.2 | 979.5 | +0.5 | 27.6 | 15.7 | 3.4 | 8.2 | 23 | - 7 | 2.1 | +0.6 | 5.1 | 0 | 0 | 28 | 04 | 1 | 11 | 0 | 0 | 0 | 11 | 1 | 3 | 0 |
| Chhindwara | 0830 | 685 | 1018.8 | 939.7 | +0.5 | 12.3 | 8.8 | 4.9 | 8.8 | 61 | - 6 | 2.9 | +0.9 | 1.2 | 0 | 0 | 6 | 03 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1730 | 685 | 1012.3 | 936.6 | +0.5 | 23.8 | 14.1 | 4.9 | 9.0 | 32 | - 5 | 2.6 | +0.2 | 3.6 | 0 | 0 | 21 | 01 | 0 | 6 | 1 | 3 | 0 | 8 | 2 | 10 | 0 |
| Seoni | 0830 | 619 | 1019.0 | 947.8 | +1.6 | 14.5 | 10.7 | 6.9 | 10.3 | 61 | - 2 | 2.9 | +0.7 | 2.6 | 0 | 0 | 21 | 05 | 5 | 2 | 0 | 0 | 1 | 0 | 8 | 10 | 0 |
| | 1730 | 619 | 1012.9 | 944.2 | +0.8 | 23.5 | 14.1 | 5.0 | 9.3 | 33 | - 8 | 2.7 | +0.2 | 5.4 | 0 | 0 | 26 | 08 | 3 | 8 | 1 | 5 | 0 | 0 | 1 | 5 | 0 |
| Betul | 0830 | 653 | 1018.4 | 943.4 | +0.9 | 14.9 | 10.2 | 5.2 | 9.0 | 54 | -10 | 1.9 | -0.3 | 3.3 | 0 | 0 | 27 | 00 | 3 | 12 | 11 | 0 | 0 | 0 | 1 | 4 | 0 |
| | 1730 | 653 | 1012.3 | 940.0 | +0.5 | 24.0 | 13.9 | 4.1 | 8.5 | 30 | - 7 | 2.2 | -0.1 | 4.5 | 0 | 0 | 31 | 08 | 15 | 1 | 2 | 2 | 1 | 1 | 1 | 0 | 0 |
| Khandwa | 0830 | 318 | 1018.1 | 980.9 | +1.7 | 15.8 | 11.0 | 5.6 | 9.3 | 52 | - 4 | 1.8 | +0.1 | 2.2 | 0 | 0 | 27 | 00 | 14 | 3 | 4 | 1 | 2 | 1 | 2 | 4 | 0 |
| | 1730 | 318 | 1012.6 | 976.9 | +1.0 | 27.3 | 16.6 | 6.5 | 10.2 | 29 | + 0 | 1.4 | -0.5 | 3.8 | 0 | 0 | 29 | 00 | 17 | 0 | 2 | 0 | 4 | 0 | 6 | 2 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1017.6 | 979.7 | .. | 9.6 | 7.6 | 5.1 | 8.8 | 74 | .. | 1.0 | .. | 1.4 | 0 | 0 | 11 | 02 | 0 | 2 | 0 | 0 | 0 | 4 | 3 | 20 | 0 |
| | 0830 | 317 | 1019.5 | 981.9 | +1.4 | 12.7 | 9.5 | 5.6 | 9.3 | 63 | - 8 | 1.7 | -0.6 | 0.6 | 0 | 0 | 9 | 00 | 3 | 1 | 0 | 1 | 0 | 4 | 0 | 22 | 0 |
| | 1130 | 317 | 1018.5 | 982.0 | .. | 21.2 | 13.7 | 6.1 | 9.6 | 40 | .. | 1.5 | .. | 4.4 | 0 | 0 | 23 | 04 | 0 | 4 | 2 | 2 | 0 | 6 | 5 | 8 | 0 |
| | 1730 | 317 | 1015.1 | 978.8 | +1.3 | 21.5 | 13.5 | 5.1 | 8.9 | 36 | - 9 | 1.3 | -1.1 | 2.7 | 0 | 0 | 22 | 13 | 1 | 2 | 0 | 1 | 0 | 4 | 1 | 9 | 0 |
| | 2330 | 317 | 1018.1 | 980.7 | .. | 13.3 | 9.7 | 9.6 | 9.2 | 61 | .. | 0.8 | .. | 1.5 | 0 | 0 | 10 | 01 | 0 | 2 | 0 | 0 | 4 | 2 | 1 | 21 | 0 |
| Rewa | 0830 | 299 | 1019.5 | 983.9 | .. | 11.6 | 9.1 | 6.1 | 9.5 | 70 | .. | 2.2 | .. | 1.7 | 0 | 0 | 20 | 02 | 1 | 1 | 2 | 1 | 8 | 3 | 2 | 11 | 0 |
| | 1730 | 299 | 1014.9 | 980.8 | .. | 22.4 | 14.1 | 5.7 | 9.4 | 36 | .. | 2.0 | .. | 3.0 | 0 | 0 | 27 | 10 | 8 | 1 | 1 | 0 | 0 | 1 | 6 | 4 | 0 |
| Sidhi | 0830 | 272 | 1018.4 | 986.1 | +0.7 | 11.1 | 9.5 | 7.5 | 10.6 | 79 | + 6 | . | .. | 1.0 | 0 | 0 | 16 | 00 | 3 | 3 | 0 | 10 | 0 | 0 | 0 | 15 | 0 |
| | 1730 | 272 | 1014.2 | 983.2 | +1.0 | 22.0 | 15.3 | 9.5 | 12.0 | 47 | + 1 | . | .. | 1.3 | 0 | 0 | 17 | 12 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 14 | 0 |
| Umaria | 0830 | 459 | 1019.6 | 965.8 | +1.5 | 12.9 | 9.8 | 6.5 | 9.9 | 64 | - 8 | 2.8 | +0.3 | 1.5 | 0 | 0 | 11 | 00 | 1 | 2 | 6 | 1 | 1 | 0 | 0 | 20 | 8 |
| | 1730 | 459 | 1014.4 | 962.5 | +1.1 | 22.1 | 14.1 | 7.3 | 10.2 | 40 | - 9 | 2.8 | +0.3 | 2.5 | 0 | 0 | 25 | 10 | 6 | 3 | 1 | 0 | 0 | 0 | 5 | 6 | 0 |
| Jabalpur | 0530 | 393 | 1017.7 | 971.2 | .. | 10.2 | 8.6 | 6.7 | 9.9 | 79 | .. | 1.2 | .. | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0830 | 393 | 1019.4 | 973.4 | +1.5 | 13.6 | 10.3 | 6.4 | 9.9 | 63 | -11 | 2.1 | -0.2 | 1.4 | 0 | 0 | 15 | 03 | 0 | 1 | 8 | 3 | 0 | 0 | 0 | 16 | 0 |
| | 1130 | 393 | 1017.7 | 973.1 | .. | 22.5 | 14.9 | 7.6 | 10.8 | 41 | .. | 1.8 | .. | 3.6 | 0 | 0 | 24 | 04 | 6 | 2 | 4 | 2 | 2 | 1 | 3 | 7 | 0 |
| | 1430 | 393 | 1014.0 | 970.0 | .. | 25.4 | 15.8 | 6.6 | 10.2 | 32 | .. | 2.1 | .. | 5.7 | 0 | 0 | 29 | 13 | 5 | 2 | 1 | 2 | 1 | 1 | 4 | 2 | 0 |
| | 1730 | 393 | 1014.1 | 969.8 | +1.3 | 23.1 | 15.3 | 8.0 | 11.1 | 40 | - 3 | 2.5 | +0.3 | 3.0 | 0 | 0 | 22 | 06 | 14 | 0 | 0 | 1 | 0 | 1 | 0 | 9 | 0 |
| | 2330 | 393 | 1017.8 | 971.9 | .. | 13.9 | 11.2 | 8.4 | 11.1 | 71 | .. | 1.7 | .. | 0.8 | 0 | 0 | 6 | 00 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Ambikapur | 0830 | 611 | 1019.9 | 949.0 | +1.1 | 12.2 | 10.2 | 8.3 | 11.0 | 78 | + 1 | 2.5 | +0.8 | 2.1 | 0 | 0 | 13 | 01 | 4 | 3 | 0 | 1 | 3 | 0 | 1 | 18 | 0 |
| | 1730 | 611 | 1014.8 | 945.8 | +0.9 | 19.4 | 13.2 | 7.6 | 10.7 | 49 | + 3 | 2.2 | +0.4 | 6.3 | 0 | 1 | 22 | 13 | 8 | 1 | 0 | 0 | 0 | 1 | 0 | 8 | 0 |
| Jashpurnagar | 0830 | 779 | 1017.8 | 929.1 | .. | 13.2 | 10.4 | 7.6 | 10.7 | 70 | .. | 2.2 | .. | 0.8 | 0 | 0 | 12 | 02 | 8 | 0 | 0 | 0 | 1 | 1 | 0 | 19 | 0 |
| | 1730 | 779 | 1013.5 | 926.9 | .. | 19.8 | 12.8 | 6.3 | 9.7 | 44 | .. | 2.1 | .. | 1.4 | 0 | 0 | 21 | 01 | 4 | 0 | 1 | 0 | 4 | 1 | 7 | 10 | 3 |
| Pendra | 0530 | 625 | 1017.8 | 945.5 | .. | 11.8 | 8.9 | 5.7 | 9.3 | 68 | .. | 2.0 | .. | 3.9 | 0 | 1 | 24 | 11 | 1 | 0 | 0 | 1 | 0 | 5 | 7 | 6 | 0 |
| | 0830 | 625 | 1019.4 | 947.5 | +1.2 | 14.6 | 10.9 | 7.2 | 10.4 | 64 | + 0 | 2.7 | +0.5 | 2.8 | 0 | 0 | 24 | 12 | 4 | 1 | 3 | 3 | 0 | 0 | 1 | 7 | 0 |
| | 1130 | 625 | 1017.5 | 947.1 | .. | 20.2 | 13.3 | 6.8 | 10.2 | 45 | .. | 2.4 | .. | 6.6 | 0 | 0 | 28 | 11 | 6 | 0 | 1 | 6 | 1 | 0 | 1 | 3 | 2 |
| | 1430 | 625 | 1014.1 | 944.5 | .. | 22.1 | 13.9 | 6.3 | 9.9 | 39 | .. | 2.8 | .. | 9.2 | 0 | 2 | 28 | 20 | 2 | 0 | 2 | 3 | 0 | 3 | 0 | 1 | 0 |
| | 1730 | 625 | 1014.6 | 944.3 | +0.9 | 20.0 | 13.5 | 7.7 | 10.8 | 48 | + 0 | 2.8 | +0.1 | 3.8 | 0 | 0 | 22 | 14 | 2 | 0 | 1 | 2 | 1 | 0 | 2 | 9 | 0 |
| | 2330 | 625 | 1018.1 | 946.2 | .. | 13.9 | 10.3 | 6.5 | 9.8 | 62 | .. | 2.1 | .. | 3.0 | 0 | 0 | 24 | 04 | 1 | 0 | 0 | 4 | 4 | 5 | 6 | 7 | 0 |
| Mandla | 0830 | 443 | 1019.8 | 967.8 | +1.4 | 12.0 | 9.9 | 7.6 | 10.5 | 75 | -10 | 3.1 | +0.6 | 0.6 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 29 | 0 |
| | 1730 | 443 | 1013.5 | 963.7 | +0.9 | 22.8 | 14.3 | 5.6 | 9.3 | 35 | -10 | 2.2 | -0.2 | 0.7 | 0 | 0 | 5 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 0 |
| Champa | 0830 | 245 | 1019.0 | 990.1 | +1.2 | 14.8 | 12.3 | 9.9 | 12.3 | 73 | + 5 | 3.5 | +1.6 | 3.0 | 0 | 0 | 28 | 23 | 1 | 0 | 1 | 0 | 0 | 1 | 2 | 3 | 0 |
| | 1730 | 245 | 1014.3 | 986.4 | +1.1 | 24.1 | 16.2 | 9.4 | 12.0 | 42 | + 3 | 3.5 | +1.4 | 3.2 | 0 | 0 | 28 | 17 | 1 | 3 | 2 | 2 | 0 | 2 | 1 | 3 | 0 |
| Raigarh | 0830 | 220 | 1019.0 | 993.2 | +1.6 | 16.7 | 13.0 | 9.6 | 12.0 | 64 | - 1 | 3.4 | +1.5 | 3.6 | 0 | 0 | 30 | 02 | 26 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 220 | 1014.2 | 989.1 | +1.6 | 23.3 | 16.1 | 9.5 | 12.5 | 44 | + 5 | 3.4 | +1.7 | 1.6 | 0 | 0 | 20 | 07 | 12 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 0 |
| Raipur | 0530 | 298 | 1016.5 | 981.5 | .. | 13.8 | 11.8 | 9.7 | 12.2 | 78 | .. | 2.0 | .. | 2.1 | 0 | 0 | 13 | 07 | 4 | 1 | 1 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 0830 | 298 | 1018.9 | 984.0 | +1.4 | 16.0 | 12.8 | 9.6 | 12.2 | 67 | + 5 | 3.4 | +1.8 | 4.2 | 0 | 0 | 24 | 11 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOUR - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raipur (Contd.) | 1130 | 298 | 1017.6 | 983.6 | .. | 23.1 | 16.3 | 10.5 | 13.0 | 47 | .. | 2.9 | .. | 5.9 | 0 | 0 | 28 | 07 | 16 | 3 | 0 | 2 | 0 | 0 | 0 | 3 | 0 |
| | 1430 | 298 | 1014.1 | 980.5 | .. | 25.6 | 17.2 | 10.1 | 12.8 | 40 | .. | 3.0 | .. | 6.1 | 0 | 0 | 28 | 11 | 9 | 3 | 0 | 3 | 0 | 0 | 2 | 3 | 0 |
| | 1730 | 298 | 1014.0 | 980.4 | +1.2 | 24.3 | 16.7 | 10.5 | 12.7 | 44 | + 5 | 3.2 | +1.8 | 4.1 | 0 | 0 | 24 | 11 | 9 | 1 | 0 | 2 | 1 | 0 | 0 | 7 | 0 |
| | 2330 | 298 | 1016.8 | 982.2 | .. | 17.9 | 13.9 | 10.2 | 12.6 | 63 | .. | 1.8 | .. | 3.8 | 0 | 0 | 21 | 02 | 8 | 9 | 1 | 1 | 0 | 0 | 0 | 10 | 0 |
| Kanker | 0830 | 402 | 1018.3 | 971.8 | +1.0 | 16.5 | 13.8 | 11.6 | 13.7 | 73 | + 1 | 3.4 | +1.5 | 0.6 | 0 | 0 | 8 | 02 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 23 | 0 |
| | 1730 | 402 | 1013.3 | 968.2 | +1.0 | 24.2 | 17.2 | 11.4 | 13.9 | 48 | + 7 | 3.5 | +1.3 | 1.7 | 0 | 0 | 19 | 09 | 4 | 0 | 1 | 0 | 1 | 0 | 4 | 12 | 0 |
| Jagdalpur | 0530 | 553 | 1015.9 | 952.3 | .. | 14.5 | 13.4 | 12.5 | 14.6 | 89 | .. | 2.2 | .. | 0.6 | 0 | 0 | 3 | 01 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 0830 | 553 | 1017.6 | 954.5 | +0.7 | 17.2 | 14.8 | 13.0 | 15.1 | 77 | + 4 | 4.4 | +2.9 | 2.4 | 0 | 0 | 14 | 01 | 7 | 1 | 0 | 1 | 0 | 1 | 3 | 17 | 0 |
| | 1130 | 553 | 1015.8 | 954.0 | .. | 23.8 | 17.4 | 12.8 | 15.2 | 52 | .. | 3.9 | .. | 6.8 | 0 | 1 | 30 | 03 | 19 | 1 | 2 | 0 | 2 | 2 | 2 | 0 | 0 |
| | 1730 | 553 | 1012.6 | 951.2 | +0.9 | 23.8 | 17.6 | 13.2 | 15.5 | 54 | +13 | 4.5 | +2.3 | 4.2 | 0 | 0 | 23 | 05 | 12 | 0 | 2 | 2 | 1 | 0 | 1 | 8 | 0 |
| | 2330 | 553 | 1016.2 | 953.2 | .. | 17.3 | 15.2 | 13.9 | 15.7 | 80 | .. | 2.4 | .. | 2.1 | 0 | 0 | 10 | 00 | 5 | 2 | 0 | 0 | 0 | 2 | 1 | 21 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1017.6 | 1001.3 | +0.8 | 14.0 | 9.5 | 4.0 | 8.3 | 53 | - 6 | 1.3 | -0.4 | 6.9 | 0 | 0 | 31 | 00 | 25 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| Radhanpur @ | 0830 | 136 | 1013.4 | 997.9 | +0.4 | 27.6 | 15.1 | 1.6 | 7.1 | 19 | -10 | 1.2 | -0.4 | 5.4 | 0 | 0 | 30 | 01 | 4 | 0 | 3 | 2 | 4 | 7 | 9 | 1 | 0 |
| | 1730 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Idar | 0830 | 219 | 1016.9 | 991.5 | +0.5 | 20.2 | 12.1 | 2.8 | 7.6 | 32 | -10 | 1.5 | +0.2 | 5.0 | 0 | 0 | 28 | 02 | 21 | 4 | 0 | 0 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 219 | 1013.1 | 988.4 | +0.5 | 27.2 | 16.0 | 5.2 | 9.1 | 25 | - 3 | 1.5 | +0.2 | 3.1 | 0 | 0 | 27 | 02 | 5 | 5 | 1 | 5 | 2 | 6 | 1 | 4 | 0 |
| Ahmadabad | 0230 | 55 | 1014.9 | 1008.3 | .. | 16.3 | 11.4 | 6.1 | 9.5 | 52 | .. | 0.8 | .. | 6.1 | 0 | 0 | 27 | 07 | 12 | 1 | 1 | 0 | 0 | 2 | 4 | 4 | 0 |
| | 0530 | 55 | 1014.8 | 1008.2 | .. | 14.9 | 10.6 | 5.9 | 9.3 | 56 | .. | 1.0 | .. | 5.2 | 0 | 0 | 22 | 02 | 12 | 6 | 0 | 0 | 0 | 0 | 2 | 9 | 0 |
| | 0830 | 55 | 1016.8 | 1010.2 | +0.4 | 16.4 | 11.3 | 5.6 | 9.3 | 50 | - 5 | 1.9 | +0.0 | 7.6 | 0 | 0 | 27 | 02 | 14 | 7 | 2 | 0 | 0 | 1 | 1 | 4 | 0 |
| | 1130 | 55 | 1017.2 | 1010.8 | .. | 25.4 | 16.3 | 8.0 | 11.2 | 36 | .. | 1.7 | .. | 13.9 | 0 | 7 | 23 | 01 | 4 | 16 | 7 | 0 | 1 | 0 | 1 | 1 | 0 |
| | 1430 | 55 | 1014.1 | 1007.8 | .. | 28.9 | 17.9 | 8.5 | 11.5 | 26 | .. | 1.7 | .. | 11.7 | 0 | 4 | 27 | 03 | 4 | 13 | 5 | 0 | 0 | 4 | 2 | 0 | 0 |
| | 1730 | 55 | 1013.2 | 1006.9 | +0.2 | 28.4 | 17.3 | 7.6 | 10.8 | 28 | + 0 | 1.6 | +0.1 | 10.8 | 0 | 2 | 28 | 04 | 10 | 9 | 0 | 0 | 1 | 2 | 3 | 1 | 1 |
| | 2030 | 55 | 1014.9 | 1008.5 | .. | 21.5 | 14.6 | 8.0 | 10.9 | 43 | .. | 0.9 | .. | 4.5 | 0 | 0 | 21 | 09 | 6 | 2 | 1 | 0 | 0 | 0 | 3 | 10 | 0 |
| | 2330 | 55 | 1015.6 | 1009.1 | .. | 18.4 | 12.8 | 7.1 | 10.3 | 49 | .. | 0.9 | .. | 4.4 | 0 | 0 | 19 | 05 | 7 | 2 | 0 | 0 | 1 | 1 | 3 | 12 | 0 |
| Dohad | 0830 | 333 | 1017.7 | 978.8 | +0.7 | 16.0 | 10.1 | 2.5 | 7.6 | 42 | -15 | 1.7 | +0.1 | 4.4 | 0 | 0 | 29 | 02 | 5 | 12 | 6 | 3 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 333 | 1012.4 | 975.2 | +0.3 | 27.0 | 14.9 | 1.2 | 7.2 | 21 | -12 | 1.1 | +0.2 | 6.2 | 0 | 1 | 30 | 03 | 6 | 4 | 6 | 1 | 10 | 0 | 1 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1016.3 | 1011.0 | .. | 14.6 | 10.6 | 6.0 | 9.5 | 58 | .. | 1.3 | .. | 5.3 | 0 | 0 | 28 | 08 | 14 | 2 | 1 | 2 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 44 | 1012.5 | 1007.6 | .. | 29.1 | 17.5 | 7.4 | 10.6 | 26 | .. | 1.3 | .. | 5.9 | 0 | 0 | 30 | 14 | 4 | 1 | 0 | 0 | 3 | 2 | 6 | 1 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1016.3 | 1011.9 | +0.3 | 16.8 | 12.4 | 7.8 | 10.9 | 56 | - 4 | 1.2 | -0.1 | 9.4 | 0 | 1 | 22 | 11 | 6 | 3 | 2 | 1 | 0 | 0 | 0 | 8 | 0 |
| | 1130 | 38 | 1016.5 | 1012.1 | .. | 27.1 | 18.0 | 10.8 | 13.2 | 37 | .. | 1.2 | .. | 13.5 | 0 | 5 | 23 | 04 | 7 | 8 | 4 | 2 | 1 | 2 | 0 | 3 | 0 |
| | 1730 | 38 | 1012.3 | 1008.0 | -0.2 | 29.4 | 18.6 | 9.8 | 12.7 | 31 | + 0 | 1.2 | -0.2 | 11.4 | 0 | 2 | 28 | 06 | 6 | 1 | 1 | 0 | 2 | 5 | 8 | 1 | 1 |
| Baroda | 0530 | 34 | 1014.5 | 1010.3 | .. | 15.6 | 11.5 | 7.1 | 10.2 | 58 | .. | 0.7 | .. | 2.4 | 0 | 0 | 17 | 00 | 15 | 0 | 0 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 0830 | 34 | 1016.6 | 1012.4 | +0.6 | 15.9 | 11.7 | 7.3 | 10.4 | 58 | -11 | 1.4 | +0.2 | 3.1 | 0 | 0 | 21 | 01 | 19 | 0 | 0 | 0 | 1 | 0 | 0 | 10 | 0 |
| | 1130 | 34 | 1016.8 | 1012.7 | .. | 28.0 | 17.1 | 7.6 | 10.7 | 29 | .. | 1.2 | .. | 4.1 | 0 | 0 | 24 | 00 | 14 | 5 | 3 | 1 | 1 | 0 | 0 | 7 | 0 |
| | 1730 | 34 | 1012.6 | 1008.7 | +0.2 | 29.7 | 18.2 | 8.6 | 11.5 | 28 | - 8 | 1.1 | -0.1 | 3.2 | 0 | 0 | 25 | 01 | 15 | 1 | 0 | 0 | 1 | 2 | 5 | 6 | 0 |
| | 2330 | 34 | 1015.3 | 1011.2 | .. | 20.0 | 14.0 | 8.4 | 11.2 | 48 | .. | 0.5 | .. | 3.0 | 0 | 0 | 23 | 00 | 20 | 0 | 0 | 0 | 0 | 2 | 1 | 8 | 0 |
| Broach | 0830 | 17 | 1015.3 | 1013.2 | -0.1 | 15.6 | 12.1 | 8.6 | 11.2 | 64 | - 1 | 0.7 | -0.4 | 5.2 | 0 | 0 | 31 | 00 | 19 | 3 | 2 | 1 | 2 | 0 | 4 | 0 | 0 |
| | 1730 | 17 | 1011.7 | 1009.7 | -0.1 | 30.8 | 20.7 | 13.9 | 16.2 | 36 | + 7 | 1.3 | +0.2 | 5.7 | 0 | 0 | 31 | 01 | 16 | 1 | 4 | 0 | 1 | 2 | 6 | 0 | 0 |
| Surat | 0530 | 12 | 1013.7 | 1012.3 | .. | 17.1 | 13.4 | 9.5 | 12.3 | 63 | .. | 0.3 | .. | 5.2 | 0 | 0 | 31 | 01 | 12 | 0 | 8 | 0 | 0 | 0 | 10 | 0 | 0 |
| | 0830 | 12 | 1015.8 | 1014.5 | +0.6 | 17.7 | 13.3 | 9.2 | 11.7 | 62 | - 1 | 1.1 | -0.6 | 7.5 | 0 | 0 | 31 | 00 | 22 | 0 | 4 | 0 | 1 | 0 | 4 | 0 | 0 |
| | 1130 | 12 | 1016.3 | 1014.9 | .. | 27.4 | 17.7 | 9.8 | 12.3 | 35 | .. | 1.0 | .. | 8.2 | 0 | 1 | 30 | 00 | 15 | 3 | 5 | 0 | 2 | 1 | 5 | 0 | 0 |
| | 1730 | 12 | 1012.2 | 1010.9 | +0.1 | 29.3 | 19.1 | 11.4 | 13.7 | 34 | - 7 | 1.1 | -0.6 | 8.8 | 0 | 0 | 31 | 00 | 7 | 0 | 1 | 0 | 11 | 0 | 12 | 0 | 0 |
| | 2330 | 12 | 1014.9 | 1013.5 | .. | 20.8 | 15.8 | 11.8 | 13.9 | 58 | .. | 0.4 | .. | 5.8 | 0 | 0 | 31 | 03 | 12 | 0 | 1 | 0 | 4 | 1 | 10 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1017.3 | 1014.7 | +0.3 | 11.6 | 8.5 | 4.8 | 8.7 | 64 | + 0 | 1.9 | +0.5 | 6.5 | 0 | 0 | 29 | 17 | 8 | 1 | 0 | 0 | 0 | 0 | 3 | 2 | 0 |
| | 1730 | 21 | 1013.9 | 1011.5 | +0.0 | 27.3 | 18.0 | 10.4 | 13.1 | 36 | +10 | 1.5 | +0.4 | 10.9 | 0 | 1 | 30 | 13 | 10 | 0 | 0 | 0 | 5 | 3 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1016.0 | 1006.3 | .. | 14.5 | 10.6 | 6.3 | 9.7 | 59 | .. | 0.5 | .. | 1.9 | 0 | 0 | 6 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 0 |
| | 0530 | 80 | 1015.8 | 1006.1 | .. | 12.0 | 8.9 | 5.3 | 8.9 | 65 | .. | 0.6 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 80 | 1017.6 | 1007.9 | +0.6 | 12.0 | 9.1 | 5.8 | 9.3 | 67 | +22 | 1.2 | -0.1 | 1.4 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 5 | 0 | 1 | 25 | 0 |
| | 1130 | 80 | 1017.9 | 1008.6 | .. | 23.2 | 16.2 | 10.4 | 12.8 | 48 | .. | 0.9 | .. | 9.5 | 0 | 1 | 21 | 09 | 11 | 1 | 1 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1430 | 80 | 1014.9 | 1005.6 | .. | 27.6 | 18.6 | 11.0 | 14.1 | 39 | .. | 1.0 | .. | 16.8 | 0 | 6 | 24 | 13 | 11 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 80 | 1014.0 | 1004.8 | +0.3 | 27.3 | 18.3 | 11.0 | 13.7 | 39 | +15 | 1.4 | +0.2 | 13.6 | 0 | 0 | 30 | 18 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 2030 | 80 | 1015.8 | 1006.4 | .. | 21.5 | 15.1 | 9.3 | 11.9 | 47 | .. | 0.6 | .. | 6.3 | 0 | 1 | 18 | 08 | 6 | 0 | 1 | 0 | 0 | 0 | 4 | 12 | 0 |
| | 2330 | 80 | 1016.6 | 1007.1 | .. | 17.2 | 12.2 | 7.0 | 10.2 | 53 | .. | 0.4 | .. | 2.3 | 0 | 0 | 6 | 05 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1017.3 | 1013.1 | .. | 16.4 | 9.6 | 0.6 | 6.5 | 35 | .. | 1.2 | .. | 15.9 | 0 | 6 | 24 | 09 | 0 | 0 | 0 | 0 | 0 | 3 | 18 | 1 | 0 |
| | 1130 | 35 | 1018.0 | 1013.9 | .. | 25.4 | 13.6 | - 0.4 | 6.1 | 19 | .. | 1.1 | .. | 20.0 | 0 | 17 | 13 | 09 | 14 | 4 | 0 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 1730 | 35 | 1014.0 | 1010.0 | .. | 28.3 | 15.0 | - 0.5 | 6.3 | 16 | .. | 1.0 | .. | 15.0 | 0 | 8 | 19 | 11 | 3 | 3 | 1 | 2 | 0 | 0 | 7 | 4 | 0 |
| New Kandla | 0830 | 14 | 1017.4 | 1015.7 | +0.0 | 16.3 | 10.8 | 4.4 | 3.5 | 46 | - 9 | 2.1 | +0.9 | 12.2 | 0 | 2 | 29 | 16 | 8 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)(contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Kandla - contd. | 1730 | 14 | 1014.2 | 1012.5 | -0.1 | 26.5 | 16.3 | 6.9 | 10.3 | 30 | - 6 | 2.0 | +0.7 | 9.7 | 0 | 2 | 28 | 12 | 10 | 2 | 2 | 2 | 2 | 0 | 0 | 1 | 0 |
| Mandvi | 0830 | 9 | 1017.2 | 1018.1 | +0.2 | 17.1 | 10.7 | 3.1 | 7.7 | 40 | -25 | 2.0 | +0.6 | 15.2 | 0 | 1 | 30 | 11 | 16 | 1 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| | 1730 | 9 | 1014.0 | 1012.9 | -0.1 | 24.6 | 17.5 | 12.0 | 14.3 | 50 | - 9 | 1.2 | -0.3 | 14.1 | 0 | 7 | 24 | 03 | 4 | 0 | 5 | 8 | 2 | 8 | 1 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1016.7 | 1008.0 | +0.6 | [illegible].2 | 11.7 | 5.6 | 9.3 | 47 | - 9 | 1.5 | +0.2 | 4.3 | 0 | 0 | 20 | 01 | 5 | 2 | 0 | 0 | 0 | 1 | 5 | 11 | 0 |
| | 1730 | 74 | 1012.7 | 1004.3 | +0.1 | 29.0 | 18.0 | 9.1 | 11.7 | 30 | + 0 | 1.7 | +0.2 | 3.9 | 0 | 0 | 20 | 12 | 4 | 1 | 0 | 0 | 0 | 1 | 2 | 11 | 0 |
| Okha | 0530 | 7 | 1015.3 | 1014.5 | .. | 20.7 | 16.9 | 14.1 | 16.2 | 67 | .. | 0.6 | .. | 23.9 | 0 | 22 | 9 | 12 | 16 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| | 0830 | 7 | 1017.2 | 1016.4 | .. | 20.8 | 16.7 | 13.7 | 15.7 | 65 | .. | 1.3 | .. | 20.3 | 0 | 13 | 18 | 08 | 15 | 5 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 1130 | 7 | 1018.2 | 1017.4 | .. | 22.4 | 17.8 | 14.5 | 16.6 | 62 | .. | 1.2 | .. | 20.1 | 0 | 17 | 14 | 06 | 11 | 10 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| | 1730 | 7 | 1014.4 | 1013.6 | .. | 23.3 | 19.8 | 17.7 | 20.2 | 72 | .. | 1.2 | .. | 16.5 | 0 | 10 | 21 | 05 | 4 | 6 | 1 | 0 | 0 | 1 | 14 | 0 | 0 |
| | 2330 | 7 | 1016.6 | 1015.8 | .. | 21.9 | 18.7 | 16.6 | 19.0 | 73 | .. | 0.4 | .. | 21.9 | 0 | 15 | 15 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 0 |
| Jamnagar (Aerodrome) | 0530 | 23 | 1015.3 | 1012.6 | .. | 13.0 | 10.6 | 7.9 | 10.9 | 72 | .. | 0.8 | .. | 6.4 | 0 | 0 | 18 | 08 | 6 | 1 | 1 | 1 | 0 | 1 | 0 | 13 | 0 |
| | 0830 | 23 | 1016.8 | 1014.1 | +0.1 | 14.5 | 11.4 | 8.3 | 11.0 | 67 | + 7 | 1.6 | +0.0 | 9.4 | 0 | 1 | 25 | 08 | 9 | 5 | 0 | 0 | 1 | 1 | 2 | 5 | 0 |
| | 1130 | 23 | 1017.2 | 1014.6 | .. | 24.1 | 16.7 | 10.7 | 13.0 | 44 | .. | 0.8 | .. | 15.9 | 0 | 7 | 24 | 12 | 14 | 2 | 0 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 23 | 1013.7 | 1011.1 | +0.3 | 26.4 | 17.8 | 11.3 | 13.4 | 40 | + 3 | 1.3 | +0.1 | 18.3 | 0 | 10 | 21 | 21 | 5 | 1 | 0 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 2330 | 23 | 1015.8 | 1013.1 | .. | 18.6 | 15.3 | 12.6 | 14.7 | 68 | .. | 0.8 | .. | 11.8 | 0 | 3 | 26 | 14 | 6 | 1 | 1 | 0 | 1 | 2 | 4 | 2 | 0 |
| Dwarka | 0830 | 11 | 1016.9 | 1015.6 | +0.4 | 19.1 | - | - | - | - | .. | 0.6 | -1.0 | 12.3 | 0 | 4 | 27 | 16 | 6 | 7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 1730 | 11 | 1013.7 | 1012.4 | -0.3 | 25.5 | - | - | - | - | .. | 1.0 | -0.3 | 17.1 | 0 | 10 | 21 | 09 | 5 | 4 | 0 | 0 | 0 | 9 | 4 | 0 | 0 |
| Rajkot | 0530 | 138 | 1014.9 | 998.6 | .. | 14.2 | 8.9 | 2.0 | 7.2 | 45 | .. | 0.4 | .. | 5.7 | 0 | 0 | 22 | 00 | 6 | 8 | 2 | 0 | 0 | 1 | 5 | 9 | 0 |
| | 0830 | 138 | 1016.8 | 1000.6 | +0.5 | 16.3 | 10.1 | 2.3 | 7.4 | 40 | -11 | 0.8 | -0.5 | 6.4 | 0 | 1 | 20 | 00 | 7 | 9 | 0 | 0 | 1 | 1 | 1 | 10 | 2 |
| | 1130 | 138 | 1016.5 | 1000.9 | .. | 26.3 | 15.3 | 4.5 | 8.5 | 26 | .. | 0.5 | .. | 15.8 | 0 | 12 | 1 | 01 | 7 | 15 | 2 | 0 | 0 | 0 | 3 | 2 | 1 |
| | 1730 | 138 | 1012.7 | 997.2 | +0.2 | 28.7 | 15.7 | 2.1 | 7.3 | 19 | - 3 | 0.7 | -0.7 | 17.6 | 0 | 13 | 16 | 03 | 19 | 3 | 1 | 0 | 1 | 1 | 3 | 0 | 0 |
| Bhavnagar Aerodrome) | 0830 | 11 | 1016.5 | 1015.2 | +0.4 | 16.9 | 11.6 | 5.5 | 9.4 | 49 | + 5 | 1.3 | +0.1 | 7.5 | 0 | 1 | 23 | 04 | 1 | 0 | 0 | 0 | 2 | 1 | 12 | 7 | 4 |
| | 1130 | 11 | 1016.9 | 1015.7 | .. | 24.8 | 16.0 | 7.6 | 11.1 | 36 | .. | 1.2 | .. | 14.3 | 0 | 5 | 26 | 04 | 18 | 5 | 2 | 0 | 0 | 0 | 1 | 0 | 1 |
| | 1730 | 11 | 1012.9 | 1011.7 | +0.3 | 28.5 | 17.1 | 7.4 | 10.3 | 26 | - 3 | 1.7 | +0.3 | 17.5 | 0 | 11 | 20 | 05 | 13 | 8 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1016.2 | 1015.4 | +0.4 | 18.7 | 12.1 | 4.4 | 8.8 | 43 | -24 | 1.3 | +0.2 | 11.0 | 0 | 6 | 22 | 04 | 12 | 3 | 1 | 0 | 1 | 1 | 6 | 3 | 0 |
| | 1130 | 7 | 1016.7 | 1015.9 | .. | 28.0 | 15.8 | 3.6 | 8.1 | 22 | .. | 0.9 | .. | 19.0 | 0 | 18 | 13 | 05 | 11 | 10 | 2 | 0 | 0 | 1 | 1 | 0 | 1 |
| | 1730 | 7 | 1012.9 | 1012.1 | -0.2 | 27.9 | 17.1 | 7.2 | 10.8 | 30 | -18 | 1.5 | +0.3 | 20.2 | 0 | 19 | 12 | 04 | 6 | 0 | 0 | 0 | 3 | 16 | 2 | 0 | 0 |
| Keshod | 0830 | 51 | 1016.1 | 1009.9 | -0.3 | 16.2 | 10.5 | 3.4 | 8.1 | 45 | - 3 | 1.1 | +0.0 | 15.9 | 0 | 5 | 26 | 02 | 17 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 51 | 1016.3 | 1010.4 | .. | 26.3 | 15.3 | 4.0 | 8.5 | 25 | .. | 0.8 | .. | 20.8 | 0 | 15 | 16 | 04 | 14 | 11 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 51 | 1012.5 | 1006.7 | -0.1 | 29.3 | 16.5 | 2.9 | 8.4 | 22 | - 4 | 1.2 | +0.2 | 18.1 | 0 | 15 | 16 | 09 | 4 | 2 | 0 | 2 | 6 | 6 | 2 | 0 | 0 |
| Mahuva | 0830 | 9 | 1014.8 | 1013.8 | .. | 18.1 | 12.8 | 7.3 | 10.5 | 51 | .. | 1.4 | .. | 4.3 | 0 | 0 | 22 | 08 | 8 | 3 | 0 | 1 | 0 | 0 | 2 | 9 | 0 |
| | 1730 | 9 | 1012.3 | 1011.3 | .. | 27.8 | 19.2 | 12.8 | 15.3 | 41 | .. | 1.7 | .. | 5.5 | 0 | 0 | 30 | 00 | 3 | 8 | 15 | 4 | 0 | 0 | 0 | 1 | 0 |
| Veraval | 0230 | 8 | 1014.1 | 1013.2 | .. | 18.1 | 13.6 | 8.9 | 11.9 | 58 | .. | 0.5 | .. | 11.7 | 0 | 4 | 27 | 13 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0530 | 8 | 1013.8 | 1012.9 | .. | 17.6 | 12.5 | 6.8 | 10.4 | 53 | .. | 0.7 | .. | 14.5 | 0 | 6 | 24 | 09 | 19 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 0830 | 8 | 1015.6 | 1014.7 | +0.1 | 18.4 | 12.6 | 6.2 | 9.9 | 48 | - 1 | 1.4 | +0.2 | 15.1 | 0 | 9 | 22 | 09 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 8 | 1016.0 | 1015.1 | .. | 28.1 | 17.6 | 8.2 | 11.6 | 32 | .. | 1.2 | .. | 17.0 | 0 | 15 | 16 | 05 | 10 | 4 | 3 | 5 | 2 | 1 | 1 | 0 | 0 |
| | 1430 | 8 | 1013.3 | 1012.4 | .. | 28.1 | 20.1 | 13.9 | 16.9 | 47 | .. | 1.5 | .. | 18.5 | 0 | 15 | 16 | 03 | 3 | 0 | 3 | 8 | 5 | 5 | 4 | 0 | 0 |
| | 1730 | 8 | 1012.6 | 1011.7 | +0.0 | 25.2 | 20.9 | 17.6 | 20.6 | 62 | + 3 | 1.7 | +0.6 | 17.2 | 0 | 14 | 17 | 01 | 1 | 0 | 3 | 10 | 7 | 5 | 4 | 0 | 0 |
| | 2030 | 8 | 1014.5 | 1013.6 | .. | 23.0 | 19.3 | 16.8 | 19.4 | 70 | .. | 0.9 | .. | 10.2 | 0 | 1 | 29 | 04 | 4 | 2 | 3 | 1 | 5 | 4 | 7 | 1 | 0 |
| | 2330 | 8 | 1015.2 | 1014.3 | .. | 19.9 | 16.1 | 13.0 | 15.5 | 66 | .. | 0.5 | .. | 9.4 | 0 | 2 | 29 | 13 | 11 | 4 | 1 | 0 | 1 | 0 | 1 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1015.1 | 1014.6 | +0.7 | 19.4 | 15.8 | 12.9 | 15.1 | 68 | + 0 | 0.0 | -1.4 | 6.7 | 0 | 0 | 30 | 02 | 3 | 11 | 14 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 5 | 1012.4 | 1011.9 | +0.6 | 26.6 | 23.3 | 21.5 | 25.9 | 74 | + 3 | 0.0 | -1.0 | 19.3 | 0 | 15 | 16 | 23 | 1 | 0 | 0 | 0 | 2 | 2 | 3 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1013.1 | 1011.4 | .. | 19.3 | 16.8 | 14.9 | 17.1 | 76 | .. | 0.5 | .. | 2.1 | 0 | 0 | 11 | 03 | 1 | 6 | 0 | 0 | 0 | 0 | 1 | 20 | 0 |
| | 0530 | 14 | 1012.9 | 1011.2 | .. | 19.0 | 16.3 | 14.1 | 16.3 | 74 | .. | 0.7 | .. | 2.5 | 0 | 0 | 12 | 00 | 4 | 8 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 14 | 1014.8 | 1013.1 | +0.2 | 21.0 | 16.7 | 13.3 | 15.5 | 62 | - 1 | 2.8 | +1.4 | 4.0 | 0 | 0 | 20 | 00 | 2 | 14 | 4 | 0 | 0 | 0 | 0 | 11 | 0 |
| | 1130 | 14 | 1015.2 | 1013.5 | .. | 29.0 | 19.1 | 11.5 | 14.1 | 35 | .. | 2.3 | .. | 8.1 | 0 | 1 | 24 | 02 | 7 | 5 | 10 | 0 | 0 | 0 | 1 | 6 | 0 |
| | 1430 | 14 | 1012.3 | 1010.6 | .. | 30.0 | 20.3 | 13.6 | 15.9 | 38 | .. | 2.9 | .. | 12.5 | 0 | 0 | 30 | 02 | 1 | 1 | 1 | 0 | 1 | 11 | 12 | 1 | 1 |
| | 1730 | 14 | 1011.8 | 1010.1 | +0.1 | 27.3 | 20.2 | 15.5 | 17.8 | 49 | + 1 | 2.5 | +1.2 | 13.2 | 0 | 0 | 31 | 06 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 0 | 0 |
| | 2030 | 14 | 1013.7 | 1012.0 | .. | 23.9 | 19.6 | 16.8 | 19.3 | 65 | .. | 0.8 | .. | 9.4 | 0 | 0 | 26 | 17 | 0 | 0 | 0 | 0 | 0 | 1 | 8 | 5 | 0 |
| | 2330 | 14 | 1014.3 | 1012.6 | .. | 21.4 | 17.8 | 15.3 | 17.5 | 70 | .. | 0.7 | .. | 3.2 | 0 | 0 | 16 | 05 | 3 | 7 | 0 | 0 | 0 | 0 | 1 | 15 | 0 |
| Bombay | 0830 | 11 | 1014.8 | 1013.5 | +0.3 | 21.7 | 18.7 | 16.7 | 19.3 | 74 | + 2 | 2.4 | +1.1 | 5.7 | 0 | 0 | 31 | 04 | 9 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 11 | 1015.2 | 1014.0 | .. | 27.4 | 20.3 | 15.8 | 18.1 | 50 | .. | 1.6 | .. | 6.6 | 0 | 0 | 31 | 01 | 6 | 15 | 3 | 0 | 0 | 0 | 3 | 0 | 3 |
| | 1730 | 11 | 1011.7 | 1010.5 | +0.1 | 26.7 | 21.3 | 18.0 | 20.9 | 59 | - 4 | 2.2 | +1.1 | 10.8 | 0 | 3 | 28 | 03 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 0 | 0 |
| Alibag | 0830 | 7 | 1014.7 | 1013.9 | +0.0 | 20.8 | 17.8 | 15.7 | 17.9 | 73 | + 4 | 1.3 | +0.0 | 4.5 | 0 | 0 | 29 | 02 | 9 | 13 | 3 | 0 | 0 | 0 | 0 | 4 | 0 |
| Bhira | 0830 | 96 | 1014.5 | 1003.3 | .. | 20.1 | 16.4 | 13.5 | 15.7 | 69 | .. | 1.8 | .. | 4.6 | 0 | 0 | 16 | 00 | 4 | 3 | 4 | 2 | 2 | 0 | 1 | 15 | 0 |
| | 1730 | 96 | 1010.1 | 999.4 | .. | 31.1 | 22.5 | 17.3 | 20.2 | 45 | .. | 2.3 | .. | 2.4 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 1 | 12 | 5 | 4 | 5 | 0 |
| Harnai | 0830 | 20 | 1014.1 | 1011.8 | +0.4 | 24.1 | 19.8 | 17.0 | 19.5 | 66 | + 7 | 3.7 | +2.0 | 9.1 | 0 | 6 | 19 | 02 | 5 | 14 | 2 | 1 | 0 | 0 | 1 | 6 | 0 |
| | 1730 | 20 | 1011.3 | 1009.0 | +0.3 | 27.1 | 22.9 | 20.7 | 24.4 | 68 | - 3 | 0.4 | -0.9 | 24.1 | 0 | 12 | 19 | 11 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1014.2 | 1010.1 | +0.4 | 21.3 | 18.1 | 15.9 | 18.1 | 73 | + 7 | 1.8 | -0.1 | 4.6 | 0 | 0 | 27 | 00 | 1 | 15 | 11 | 0 | 0 | 0 | 0 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ratnagiri (Contd.) | 1730 | 35 | 1011.1 | 1007.2 | +0.4 | 28.3 | 22.1 | 18.6 | 21.6 | 56 | - 3 | 2.2 | +0.4 | 6.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 2 | 16 | 12 | 1 | 0 |
| Devgarh | 0830 | 36 | 1014.2 | 1010.0 | +0.4 | 22.2 | 19.4 | 17.6 | 20.2 | 76 | + 5 | 2.7 | +0.8 | 8.6 | 0 | 0 | 29 | 00 | 1 | 26 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 36 | 1011.0 | 1007.0 | +0.6 | 28.3 | 22.7 | 19.6 | 22.9 | 60 | - 1 | 2.6 | +1.0 | 18.9 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 0 | 1 | 7 | 23 | 0 | 0 |
| Vengurla | 0230 | 9 | 1013.0 | 1012.0 | .. | 20.6 | 18.8 | 17.7 | 20.2 | 84 | .. | 0.8 | .. | 1.6 | 0 | 0 | 11 | 10 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 0530 | 9 | 1012.4 | 1011.4 | .. | 19.7 | 18.1 | 17.0 | 19.5 | 85 | .. | 1.0 | .. | 3.2 | 0 | 0 | 20 | 18 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| | 0830 | 9 | 1014.7 | 1013.7 | +0.7 | 20.7 | 18.3 | 16.7 | 19.1 | 78 | + 5 | 2.3 | +0.9 | 2.8 | 0 | 0 | 17 | 14 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 14 | 0 |
| | 1130 | 9 | 1014.7 | 1013.7 | .. | 29.2 | 20.[illegible] | 14.8 | 17.0 | 42 | .. | 2.2 | .. | 6.6 | 0 | 1 | 27 | 07 | 5 | 4 | 3 | 3 | 4 | 2 | 0 | 3 | 0 |
| | 1730 | 9 | 1011.3 | 1010.3 | +0.7 | 28.1 | 22.1 | 18.7 | 21.7 | 57 | + 3 | 2.9 | +1.7 | 6.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 1 | 2 | 24 | 3 | 0 | 1 |
| | 2330 | 9 | 1014.0 | 1013.0 | .. | 22.2 | 20.0 | 18.7 | 21.6 | 81 | .. | 1.2 | .. | 2.6 | 0 | 0 | 17 | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 14 | 0 |
| Panjim | 0530 | 60 | 1012.2 | 1005.3 | .. | 20.7 | 19.1 | 18.0 | 20.8 | 85 | .. | 1.5 | .. | 8.4 | 0 | 0 | 31 | 00 | 10 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 60 | 1014.2 | 1007.3 | .. | 20.9 | 18.9 | 17.6 | 20.2 | 82 | .. | 3.4 | .. | 8.1 | 0 | 1 | 28 | 00 | 6 | 21 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 60 | 1014.5 | 1007.6 | .. | 28.2 | 20.4 | 15.3 | 17.6 | 46 | .. | 3.3 | .. | 5.4 | 0 | 0 | 25 | 02 | 6 | 7 | 5 | 2 | 1 | 2 | 0 | 6 | 0 |
| | 1430 | 60 | 1011.4 | 1004.7 | .. | 30.3 | 21.3 | 15.6 | 17.8 | 42 | .. | 3.4 | .. | 12.1 | 0 | 3 | 28 | 00 | 2 | 1 | 2 | 0 | 6 | 17 | 3 | 0 | 0 |
| | 1730 | 60 | 1010.9 | 1004.1 | .. | 28.2 | 21.5 | 17.5 | 20.2 | 53 | .. | 3.6 | .. | 12.7 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 3 | 15 | 12 | 0 | 0 |
| | 2030 | 60 | 1012.9 | 1006.1 | .. | 25.3 | 21.2 | 18.8 | 21.8 | 68 | .. | 2.3 | .. | 6.3 | 0 | 0 | 27 | 15 | 3 | 0 | 1 | 0 | 0 | 1 | 7 | 4 | 0 |
| | 2330 | 60 | 1013.7 | 1006.8 | .. | 23.7 | 20.5 | 18.6 | 21.6 | 73 | .. | 2.0 | .. | 5.7 | 0 | 0 | 28 | 10 | 13 | 3 | 1 | 0 | 0 | 0 | 1 | 3 | 0 |
| Mormugao | 0530 | 62 | 1011.8 | 1004.7 | .. | 22.4 | 19.7 | 18.0 | 20.8 | 77 | .. | 2.0 | .. | 11.3 | 0 | 2 | 29 | 03 | 9 | 17 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 62 | 1013.7 | 1006.6 | -0.3 | 23.7 | 19.9 | 17.5 | 20.2 | 69 | + 3 | 2.9 | +1.2 | 9.2 | 0 | 0 | 31 | 00 | 6 | 21 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 62 | 1013.8 | 1006.8 | .. | 27.8 | 20.7 | 16.2 | 18.6 | 50 | .. | 2.9 | .. | 9.0 | 0 | 2 | 28 | 03 | 7 | 7 | 3 | 3 | 1 | 3 | 3 | 1 | 0 |
| | 1730 | 62 | 1010.4 | 1003.5 | +0.1 | 27.7 | 22.0 | 18.6 | 21.8 | 59 | - 3 | 3.3 | +1.5 | 14.0 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 5 | 17 | 8 | 0 | 1 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1012.4 | 1006.5 | .. | 21.4 | 19.2 | 17.7 | 20.5 | 80 | .. | 2.4 | .. | 11.6 | 0 | 2 | 23 | 00 | 9 | 15 | 1 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 0830 | 52 | 1014.5 | 1008.6 | .. | 23.0 | 19.2 | 16.6 | 19.1 | 68 | .. | 3.9 | .. | 9.8 | 0 | 1 | 24 | 00 | 3 | 18 | 3 | 1 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 52 | 1014.6 | 1008.8 | .. | 28.6 | 20.7 | 15.8 | 17.9 | 47 | .. | 3.6 | .. | 12.2 | 0 | 4 | 24 | 03 | 4 | 5 | 5 | 5 | 4 | 1 | 1 | 3 | 0 |
| | 1730 | 52 | 1011.0 | 1005.2 | .. | 28.4 | 21.7 | 17.8 | 20.5 | 53 | .. | 3.6 | .. | 20.7 | 0 | 15 | 16 | 07 | 0 | 0 | 0 | 0 | 1 | 12 | 11 | 0 | 0 |
| | 2330 | 52 | 1013.8 | 1007.9 | .. | 24.4 | 21.2 | 19.3 | 22.5 | 73 | .. | 2.5 | .. | 11.8 | 0 | 0 | 26 | 03 | 17 | 5 | 0 | 0 | 0 | 0 | 1 | 5 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1016.3 | 992.3 | -0.2 | 19.0 | 12.4 | 5.0 | 9.1 | 42 | - 9 | 0.0 | -1.4 | 8.0 | 0 | 3 | 26 | 01 | 4 | 20 | 0 | 2 | 2 | 0 | 0 | 2 | 0 |
| | 1730 | 206 | 1011.7 | 988.6 | +0.1 | 29.1 | 17.2 | 6.2 | 9.9 | 25 | - 7 | 0.1 | -1.5 | 6.6 | 0 | 0 | 31 | 08 | 1 | 11 | 0 | 2 | 1 | 5 | 3 | 0 | 0 |
| Jalgaon | 0830 | 201 | 1017.4 | 993.7 | +1.2 | 16.0 | 10.8 | 4.4 | 8.8 | 48 | -10 | 2.9 | +1.5 | 9.2 | 0 | 0 | 28 | 00 | 3 | 16 | 7 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 201 | 1012.2 | 989.6 | +0.9 | 29.2 | 16.6 | 5.0 | 8.7 | 23 | - 4 | 2.2 | +0.7 | 9.9 | 0 | 0 | 27 | 01 | 5 | 16 | 3 | 0 | 0 | 0 | 2 | 4 | 0 |
| Malegaon | 0830 | 437 | 1017.8 | 967.0 | +1.0 | 15.1 | 11.1 | 7.0 | 10.0 | 59 | + 6 | 3.4 | +1.7 | 2.5 | 0 | 0 | 23 | 01 | 0 | 1 | 0 | 0 | 3 | 10 | 8 | 8 | 0 |
| | 1730 | 437 | 1011.1 | 962.9 | +0.7 | 28.3 | 17.3 | 8.0 | 10.8 | 29 | + 2 | 3.6 | +1.4 | 6.0 | 0 | 0 | 28 | 04 | 6 | 3 | 3 | 6 | 0 | 5 | 1 | 3 | 0 |
| Ozar | 0830 | 608 | 1016.4 | 946.8 | .. | 15.2 | 11.0 | 6.8 | 10.1 | 59 | .. | 1.5[m] | .. | 4.4[m] | 0 | 0 | 17 | 01 | 4 | 3 | 0 | 1 | 2 | 4 | 2 | 1 | 0 |
| | 1130 | 608 | 1015.1 | 947.6 | .. | 23.9 | 15.2 | 7.4 | 10.9 | 36 | .. | 1.4[j] | .. | 17.2[j] | 0 | 8 | 11 | 00 | 0 | 6 | 9 | 2 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 608 | 1011.2 | 944.4 | .. | 26.5 | 15.5 | 6.0 | 9.6 | 28 | .. | 1.8[n] | .. | 12.1[n] | 0 | 4 | 13 | 00 | 0 | 8 | 3 | 2 | 0 | 1 | 3 | 0 | 0 |
| Ahmadnagar | 0830 | 657 | 1017.3 | 942.4 | +0.9 | 16.2 | 11.7 | 7.1 | 10.5 | 57 | + 3 | 5.2 | +3.6 | 3.6 | 0 | 0 | 18 | 00 | 0 | 0 | 5 | 1 | 3 | 1 | 8 | 13 | 0 |
| | 1730 | 657 | 1010.4 | 938.8 | +0.6 | 27.3 | 17.0 | 9.0 | 11.9 | 33 | + 4 | 4.7 | +2.7 | 8.3 | 0 | 1 | 29 | 00 | 11 | [illegible] | 4 | 0 | 7 | 0 | 5 | 1 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1014.4 | 946.9 | .. | 17.2 | 12.5 | 8.5 | 11.1 | 57 | .. | 1.0 | .. | 4.5 | 0 | 0 | 14 | 00 | 1 | 2 | 0 | 0 | 0 | 8 | 3 | 17 | 0 |
| | 0530 | 593 | 1014.5 | 946.6 | .. | 15.2 | 11.5 | 8.2 | 10.8 | 63 | .. | 1.1 | .. | 3.5 | 0 | 0 | 9 | 00 | 3 | 2 | 0 | 0 | 1 | 2 | 1 | 22 | 0 |
| | 0830 | 593 | 1016.4 | 948.6 | .. | 16.2 | 11.9 | 8.1 | 10.8 | 59 | .. | 3.5 | .. | 4.3 | 0 | 0 | 13 | 00 | 4 | 5 | 0 | 0 | 0 | 4 | 0 | 18 | 0 |
| | 1130 | 593 | 1014.8 | 948.9 | .. | 24.8 | 16.0 | 9.4 | 11.8 | 37 | .. | 3.2 | .. | 11.8 | 0 | 7 | 21 | 00 | 3 | 15 | 3 | 2 | 1 | 0 | 1 | 3 | 3 |
| | 1730 | 593 | 1010.0 | 945.0 | .. | 27.5 | 17.9 | 11.5 | 13.6 | 37 | .. | 3.6 | .. | 12.4 | 0 | 8 | 18 | 00 | 2 | 8 | 3 | 0 | 2 | 9 | 2 | 5 | 0 |
| | 2330 | 593 | 1014.8 | 947.8 | .. | 19.1 | 13.7 | 9.3 | 11.7 | 53 | .. | 1.5 | .. | 9.3 | 0 | 0 | 27 | 00 | 4 | 1 | 0 | 0 | 1 | 16 | 5 | 4 | 0 |
| Poona | 0530 | 559 | 1015.4 | 950.7 | .. | 12.6 | 10.1 | 7.5 | 10.6 | 72 | .. | 1.3 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 559 | 1017.1 | 952.8 | +0.6 | 15.4 | 11.9 | 8.7 | 11.4 | 65 | + 1 | 3.0 | +1.5 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1130 | 559 | 1014.9 | 952.7 | .. | 25.0 | 16.5 | 9.9 | 12.5 | 40 | .. | 2.6 | .. | 5.7 | 0 | 0 | 22 | 01 | 2 | 11 | 4 | 0 | 0 | 2 | 2 | 9 | 0 |
| | 1430 | 559 | 1010.7 | 949.5 | .. | 28.5 | 17.3 | 8.9 | 11.4 | 30 | .. | 3.6 | .. | 9.1 | 0 | 1 | 26 | 02 | 1 | 11 | 4 | 1 | 4 | 3 | 1 | 4 | 0 |
| | 1730 | 559 | 1010.1 | 948.9 | +0.5 | 28.0 | 16.9 | 8.3 | 11.1 | 30 | - 1 | 3.1 | +1.3 | 7.1 | 0 | 0 | 23 | 02 | 2 | 7 | 1 | 0 | 0 | 8 | 3 | 8 | 0 |
| | 2030 | 559 | 1013.8 | 951.0 | .. | 21.6 | 14.9 | 9.5 | 12.0 | 47 | .. | 1.0 | .. | 3.0 | 0 | 0 | 14 | 01 | 0 | 1 | 0 | 0 | 5 | 6 | 1 | 17 | 0 |
| | 2330 | 559 | 1015.4 | 951.7 | .. | 17.8 | 13.1 | 9.0 | 11.7 | 56 | .. | 1.4 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Jeur | 0830 | 521 | 1016.5 | 956.7 | +0.4 | 16.7 | 12.5 | 8.7 | 11.4 | 61 | + 6 | 4.3 | +2.9 | 2.1 | 0 | 0 | 14 | 03 | 4 | 5 | 1 | 0 | 0 | 0 | 1 | 17 | 0 |
| | 1730 | 521 | 1009.8 | 952.7 | +0.4 | 29.0 | 17.5 | 9.1 | 11.5 | 30 | - 2 | 3.6 | +1.7 | 8.1 | 0 | 0 | 30 | 00 | 2 | 7 | 5 | 2 | 5 | 7 | 2 | 1 | 0 |
| Baramati | 0830 | 551 | 1016.8 | 953.9 | +0.5 | 17.1 | 13.0 | 9.5 | 12.0 | 62 | + 0 | 2.7 | +1.6 | 5.3 | 0 | 0 | 28 | 00 | 6 | 4 | 6 | 8 | 0 | 0 | 4 | 3 | 0 |
| | 1730 | 551 | 1010.2 | 949.9 | +0.6 | 28.4 | 17.6 | 9.8 | 12.3 | 32 | - 1 | 2.8 | +1.2 | 8.1 | 0 | 0 | 30 | 01 | 1 | 8 | 9 | 6 | 1 | 2 | 2 | 1 | 0 |
| Sholapur | 0530 | 479 | 1014.5 | 959.7 | .. | 17.2 | 13.3 | 9.9 | 12.4 | 64 | .. | 1.8 | .. | 3.9 | 0 | 0 | 21 | 02 | 4 | 5 | 6 | 2 | 0 | 1 | 1 | 10 | 0 |
| | 0830 | 479 | 1016.6 | 962.3 | +1.0 | 20.5 | 15.9 | 12.4 | 14.7 | 62 | +12 | 3.5 | +2.1 | 6.1 | 0 | 0 | 28 | 00 | 9 | 0 | 16 | 0 | 1 | 0 | 2 | 3 | 0 |
| | 1130 | 479 | 1015.1 | 961.8 | .. | 26.3 | 18.9 | 13.9 | 16.4 | 49 | .. | 3.2 | .. | 9.0 | 0 | 1 | 27 | 01 | 4 | 3 | 10 | 9 | 0 | 0 | 1 | 3 | 0 |
| | 1730 | 479 | 1010.4 | 957.8 | +0.7 | 29.1 | 19.1 | 12.3 | 14.9 | 37 | + 8 | 3.5 | +1.2 | 6.1 | 0 | 0 | 25 | 06 | 3 | 7 | 2 | 2 | 3 | 2 | 0 | 6 | 0 |
| | 2330 | 479 | 1014.5 | 960.4 | .. | 21.5 | 15.4 | 10.5 | 13.0 | 52 | .. | 1.3 | .. | 7.7 | 0 | 0 | 30 | 03 | 8 | 11 | 4 | 2 | 1 | 0 | 1 | 1 | 0 |
| Miraj | 0830 | 554 | 1016.4 | 953.3 | +0.6 | 17.4 | 13.6 | 10.4 | 12.8 | 65 | + 4 | 4.0 | +2.5 | .. | . | .. | .. | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 28 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 68 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miraj (Contd.) | 1730 | 554 | 1009.6 | 949.3 | +0.5 | 29.0 | 18.6 | 1 .5 | 13.8 | 34 | + 0 | 4.5 | +2.3 | .. | . | .. | .. | 01 | 0 | 6 | 1 | 0 | 0 | 5 | 1 | 17 | 0 |
| Kolhapur | 0530 | 570 | 1014.0 | 948.9 | .. | 16.0 | 13.2 | 10.9 | 13.1 | 72 | .. | 1.7 | .. | 3.3 | 0 | 0 | 19 | 00 | 0 | 8 | 1 | 0 | 1 | 9 | 0 | 12 | 0 |
| | 0830 | 570 | 1016.1 | 951.2 | +0.4 | 17.5 | 14.4 | 11.4 | 13.9 | 68 | + 8 | 2.6 | +1.2 | 3.2 | 0 | 0 | 21 | 00 | 3 | 11 | 1 | 1 | 0 | 5 | 0 | 10 | 0 |
| | 1130 | 570 | 1014.2 | 951.2 | .. | 25.7 | 17.4 | 11.4 | 13.8 | 42 | .. | 2.4 | .. | 8.0 | 0 | 0 | 27 | 00 | 2 | 17 | 5 | 2 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | 570 | 1009.5 | 947.3 | +0.5 | 28.3 | 18.2 | 10.8 | 13.6 | 36 | + 8 | 2.5 | +0.7 | 9.5 | 0 | 1 | 30 | 00 | 1 | 17 | 0 | 1 | 0 | 10 | 2 | 0 | 0 |
| | 2330 | 570 | 1014.5 | 950.2 | .. | 19.9 | 15.1 | 11.6 | 13.7 | 59 | .. | 1.4 | .. | 6.8 | 0 | 1 | 29 | 00 | 1 | 9 | 0 | 0 | 0 | 19 | 1 | 1 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1017.2 | 951.2 | +0.7 | 18.4 | 13.1 | 8.0 | 11.2 | 54 | + 2 | 4.6 | +2.9 | 4.6 | 0 | 0 | 25 | 00 | 4 | 20 | 0 | 0 | 1 | 0 | 0 | 6 | 0 |
| | 1730 | 581 | 1011.3 | 947.5 | +0.6 | 27.1 | 15.9 | 6.3 | 9.9 | 29 | - 1 | 3.7 | +1.6 | 3.9 | 0 | 0 | 23 | 00 | 4 | 9 | 1 | 1 | 1 | 5 | 2 | 8 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1015.4 | 948.7 | .. | 14.3 | 9.9 | 5.0 | 9 0 | 57 | .. | 2.1 | .. | 2.6 | 0 | 0 | 7 | 00 | 0 | 4 | 1 | 0 | 0 | 1 | 1 | 24 | 0 |
| | 0530 | 579 | 1015.6 | 948.8 | .. | 13.1 | 9.4 | 5.1 | 9.1 | 60 | .. | 2.0 | .. | 2.5 | 0 | 0 | 6 | 00 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 0830 | 579 | 1017.0 | 950.8 | +0.6 | 17.0 | 11.9 | 6.8 | 10.2 | 53 | + 0 | 4.3 | +2.8 | 4.5 | 0 | 0 | 14 | 01 | 0 | 4 | 8 | 0 | 0 | 0 | 1 | 17 | 0 |
| | 1130 | 579 | 1015.5 | 951.0 | .. | 24.3 | 15.3 | 7.3 | 10.8 | 38 | .. | 3.6 | .. | 14.3 | 0 | 1 | 29 | 01 | 2 | 8 | 14 | 1 | 2 | 1 | 1 | 1 | 0 |
| | 1430 | 579 | 1011.7 | 947.9 | .. | 27.0 | 16.0 | 6.5 | 10.1 | 29 | .. | 3.7 | .. | 12.0 | 0 | 0 | 29 | 00 | 5 | 7 | 8 | 2 | 2 | 3 | 2 | 2 | 0 |
| | 1730 | 579 | 1010.8 | 947.2 | +0.7 | 27.0 | 15.5 | 5.4 | 9.3 | 27 | - 7 | 3.7 | +1.7 | 9.4 | 0 | 0 | 28 | 01 | 7 | 5 | 9 | 0 | 1 | 5 | 0 | 3 | 0 |
| | 2030 | 579 | 1014.6 | 949.0 | .. | 18.9 | 12.1 | 5.1 | 9.1 | 42 | .. | 2.6 | .. | 3.5 | 0 | 1 | 7 | 02 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 23 | 0 |
| | 2330 | 579 | 1015.9 | 949.7 | .. | 16.5 | 11.2 | .6 | 9.5 | 51 | .. | 2.6 | .. | 5.0 | 0 | 0 | 13 | 03 | 3 | 4 | 1 | 0 | 0 | 2 | 0 | 18 | 0 |
| Parbhani | 0830 | 423 | 1017.7 | 968.8 | +0.8 | 16.9 | 12.8 | 8.0 | 11.5 | 59 | +10 | 3.5 | +1.9 | 2.0 | 0 | 0 | 20 | 02 | 8 | 4 | 3 | 0 | 0 | 3 | 0 | 11 | 0 |
| | 1730 | 423 | 1011.7 | 964.8 | +0.7 | 27.7 | 17.1 | 7.4 | 10.9 | 31 | + 4 | 4.0 | +2.1 | 5.0 | 0 | 0 | 28 | 00 | 9 | 9 | 4 | 1 | 1 | 3 | 1 | 3 | 0 |
| Nander | 0830 | 358 | 1017.3 | 975.9 | .. | 18.2 | 14.5 | 11.1 | 13.6 | 65 | .. | 2.5 | .. | 2.6 | 0 | 0 | 14 | 00 | 5 | 1 | 4 | 0 | 3 | 1 | 0 | 17 | 0 |
| | 1730 | 358 | 1012.4 | 972.3 | .. | 26.9 | 18.8 | 12.5 | 15.1 | 44 | .. | 3.6 | .. | 3.7 | 0 | 0 | 18 | 02 | 10 | 1 | 3 | 0 | 2 | 0 | 0 | 13 | 0 |
| Bir | 0830 | 519 | 1017.6 | 958.0 | .. | 16.5 | 14.0 | 11.9 | 14.1 | 76 | .. | 3.5 | .. | 2.9 | 0 | 0 | 14 | 00 | 7 | 0 | 2 | 1 | 3 | 0 | 1 | 17 | 0 |
| | 1730 | 519 | 1012.2 | 954.4 | .. | 26.6 | 18.4 | 12.9 | 15.2 | 46 | .. | 2.9 | .. | 5.7 | 0 | 0 | 28 | 01 | 15 | 1 | 1 | 0 | 2 | 0 | 8 | 3 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 318 | 1018.6 | 982.1 | +1.2 | 15.8 | 12.5 | 8.9 | 11.8 | 66 | - 2 | 2.2 | +0.4 | 1.8 | 0 | 0 | 21 | 06 | 8 | 0 | 2 | 0 | 0 | 0 | 4 | 10 | 1 |
| | 1730 | 318 | 1013.6 | 978.3 | +0.9 | 25.0 | 16.3 | 8.4 | 11.3 | 37 | - 3 | 3.0 | +1.4 | 2.4 | 0 | 0 | 22 | 16 | 1 | 1 | 1 | 2 | 1 | 0 | 0 | 9 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1015.8 | 979.5 | .. | 14.7 | 11.4 | 7.7 | 10.8 | 64 | .. | 1.7 | .. | 3.6 | 0 | 0 | 27 | 16 | 4 | 2 | 1 | 0 | 0 | 0 | 4 | 4 | 0 |
| | 0530 | 310 | 1016.1 | 979.7 | .. | 13.4 | 10.8 | 7.8 | 10.9 | 70 | .. | 1.9 | .. | 3.2 | 0 | 0 | 24 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 7 | 0 |
| | 0830 | 310 | 1018.5 | 982.1 | +1.0 | 16.7 | 12.5 | 8.0 | 11.1 | 59 | - 6 | 3.3 | +1.4 | 4.2 | 0 | 0 | 25 | 11 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 310 | 1016.9 | 981.8 | .. | 24.7 | 16.3 | 8.7 | 11.7 | 38 | .. | 3.6 | .. | 6.9 | 0 | 0 | 26 | 00 | 6 | 11 | 7 | 1 | 0 | 0 | 1 | 5 | 0 |
| | 1430 | 310 | 1013.2 | 978.5 | .. | 27.4 | 16.9 | 7.5 | 10.8 | 30 | .. | 4.1 | .. | 5.0 | 0 | 0 | 29 | 04 | 7 | 7 | 6 | 2 | 1 | 0 | 2 | 2 | 0 |
| | 1730 | 310 | 1013.0 | 978.0 | +1.1 | 25.1 | 16.6 | 8.9 | 12.0 | 39 | + 1 | 3.5 | +1.4 | 4.8 | 0 | 0 | 25 | 04 | 4 | 10 | 5 | 0 | 0 | 0 | 2 | 6 | 0 |
| | 2030 | 310 | 1015.9 | 980.0 | .. | 18.5 | 13.7 | 9.0 | 11.8 | 56 | .. | 1.9 | .. | 3.3 | 0 | 0 | 24 | 01 | 6 | 11 | 4 | 1 | 0 | 1 | 0 | 7 | 0 |
| | 2330 | 310 | 1016.5 | 980.4 | .. | 16.5 | 12.7 | 9.0 | 11.6 | 63 | .. | 1.8 | .. | 3.7 | 0 | 0 | 23 | 08 | 6 | 4 | 2 | 0 | 0 | 2 | 1 | 8 | 0 |
| Amraoti | 0830 | 370 | 1017.6 | 974.9 | +1.1 | 18.6 | 12.3 | 4.8 | 9.3 | 44 | - 5 | 2.6 | +0.4 | 5.0 | 0 | 0 | 31 | 00 | 20 | 8 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 370 | 1012.3 | 971.1 | +0.9 | 27.0 | 16.1 | 4.5 | 9.5 | 28 | - 2 | 2.6 | +0.3 | 3.9 | 0 | 0 | 31 | 03 | 7 | 7 | 7 | 0 | 2 | 2 | 3 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1014.7 | 978.6 | .. | 15.0 | 10.4 | 4.1 | 8.9 | 53 | .. | 1.2 | .. | 8.5 | 0 | 0 | 29 | 00 | 11 | 13 | 2 | 1 | 0 | 1 | 1 | 2 | 0 |
| | 0830 | 309 | 1016.9 | 980.9 | .. | 16.6 | 11.4 | 5.1 | 9.3 | 51 | .. | 3.7 | .. | 8.5 | 0 | 0 | 31 | 00 | 13 | 12 | 1 | 1 | 2 | 2 | 0 | 0 | 0 |
| | 1130 | 309 | 1016.0 | 981.0 | .. | 24.5 | 15.4 | 7.2 | 10.2 | 36 | .. | 3.6 | .. | 9.2 | 0 | 0 | 31 | 00 | 15 | 11 | 1 | 2 | 0 | 1 | 1 | 0 | 0 |
| | 1430 | 309 | 1012.1 | 977.6 | .. | 27.9 | 16.9 | 6.1 | 10.4 | 29 | .. | 4.2 | .. | 8.7 | 0 | 0 | 31 | 03 | 9 | 10 | 2 | 2 | 0 | 1 | 4 | 0 | 0 |
| | 1730 | 309 | 1011.4 | 976.8 | .. | 27.8 | 16.4 | 5.2 | 9.4 | 29 | .. | 3.7 | .. | 7.7 | 0 | 0 | 29 | 06 | 13 | 5 | 0 | 0 | 0 | 1 | 4 | 2 | 0 |
| | 2030 | 309 | 1013.8 | 978.6 | .. | 22.6 | 14.3 | 5.1 | 9.6 | 37 | .. | 2.6 | .. | 8.5 | 0 | 1 | 30 | 01 | 7 | 13 | 5 | 1 | 0 | 3 | 1 | 0 | 0 |
| | 2330 | 309 | 1014.7 | 979.1 | .. | 19.6 | 12.9 | 5.0 | 9.5 | 42 | .. | 1.3 | .. | 9.5 | 0 | 1 | 29 | 02 | 8 | 10 | 6 | 2 | 0 | 1 | 1 | 1 | 0 |
| Akola | 0830 | 282 | 1017.6 | 984.8 | +1.3 | 16.8 | 12.1 | 7.0 | 10.3 | 55 | - 2 | 2.7 | +1.2 | 0.4 | 0 | 0 | 6 | 00 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 1730 | 282 | 1011.9 | 980.3 | +0.9 | 27.9 | 17.3 | 7.9 | 11.5 | 31 | + 2 | 4.0 | +2.5 | 1.1 | 0 | 0 | 15 | 00 | 6 | 6 | 0 | 0 | 0 | 3 | 0 | 16 | 0 |
| Bramhapuri | 0830 | 229 | 1018.2 | 991.3 | +0.9 | 15.9 | 13.4 | 11.0 | 13.4 | 74 | + 1 | 2.9 | +1.3 | 3.0 | 0 | 0 | 28 | 20 | 0 | 3 | 3 | 1 | 0 | 0 | 1 | 3 | 0 |
| | 1730 | 229 | 1013.2 | 987.4 | +0.6 | 26.9 | 18.2 | 11.3 | 13.9 | 40 | + 1 | 2.8 | +1.3 | 3.0 | 0 | 0 | 29 | 14 | 2 | 5 | 3 | 1 | 0 | 2 | 2 | 2 | 0 |
| Buldana | 0830 | 650 | 1016.8 | 943.1 | +1.0 | 17.6 | 12.8 | 8.6 | 11.3 | 57 | + 3 | 3.4 | +1.6 | 9.5 | 0 | 0 | 31 | 01 | 2 | 6 | 9 | 8 | 4 | 0 | 1 | 0 | 0 |
| | 1730 | 650 | 1011.2 | 939.8 | +0.6 | 25.4 | 15.9 | 7.8 | 11.2 | 35 | + 0 | 4.2 | +2.0 | 5.5 | 0 | 0 | 30 | 02 | 17 | 1 | 6 | 0 | 1 | 0 | 3 | 1 | 0 |
| Yeotmal | 0830 | 451 | 1017.1 | 965.4 | +0.8 | 18.5 | 12.8 | 6.6 | 10.2 | 49 | - 4 | 4.1 | +1.9 | 8.8 | 0 | 1 | 30 | 01 | 5 | 21 | 2 | 1 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 451 | 1011.9 | 961.7 | +0.5 | 25.8 | 16.0 | 6.0 | 10.2 | 32 | - 1 | 4.2 | +1.9 | 6.3 | 0 | 1 | 28 | 03 | 6 | 16 | 1 | 1 | 1 | 1 | 0 | 2 | 0 |
| Chanda | 0830 | 193 | 1017.4 | 994.7 | +0.7 | 16.6 | 14.0 | 11.7 | 13.9 | 73 | + 2 | 3.8 | +2.1 | 3.2 | 0 | 0 | 29 | 06 | 7 | 6 | 1 | 1 | 0 | 2 | 6 | 2 | 0 |
| | 1730 | 193 | 1012.5 | 990.8 | +0.6 | 27.0 | 18.0 | 10.6 | 13.3 | 39 | - 4 | 4.0 | +2.1 | 3.8 | 0 | 0 | 31 | 04 | 9 | 8 | 4 | 4 | 0 | 0 | 2 | 0 | 0 |
| Pusad | 0830 | 334 | 1017.9 | 979.0 | .. | 17.1 | 13.2 | 9.1 | 12.0 | 61 | .. | 1.9 | .. | 4.6 | 0 | 0 | 24 | 00 | 4 | 1 | 4 | 0 | 2 | 11 | 2 | 7 | 0 |
| | 1730 | 334 | .. | .. | .. | 28.4 | 16.8 | 5.8 | 9.7 | 26 | .. | 1.1 | .. | 6.5 | 0 | 0 | 21 | 03 | 9 | 0 | 4 | 3 | 2 | 0 | 0 | 10 | 0 |
| Sironcha | 0830 | 123 | 1017.7 | 1003.2 | +0.6 | 19.1 | 16.8 | 15.1 | 17.3 | 78 | + 3 | 3.7 | +2.1 | 1.6 | 0 | 0 | 21 | 02 | 3 | 4 | 6 | 0 | 1 | 0 | 5 | 10 | 0 |
| | 1730 | 123 | 1012.8 | 998.8 | +0.5 | 27.7 | 20.0 | 14.8 | 17.1 | 47 | + 8 | 2.9 | +1.6 | 2.3 | 0 | 0 | 23 | 00 | 4 | 9 | 4 | 2 | 1 | 0 | 3 | 8 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1017.6 | 1016.9 | +1.1 | 20.6 | 18.7 | 17.2 | 20.0 | 79 | - 3 | 3.0 | +0.4 | 7.6 | 0 | 2 | 28 | 09 | 2 | 0 | 0 | 0 | 1 | 1 | 9 | 1 | 8 |
| | 1730 | 6 | 1014.3 | 1013.7 | +0.9 | 23.6 | 20.0 | 17.7 | 20.5 | 69 | + 0 | 2.6 | -0.1 | 11.3 | 0 | 2 | 29 | 05 | 4 | 4 | 3 | 2 | 2 | 0 | 2 | 0 | 9 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| TAL ANDHRA PRADESH (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ishakhapatnam | 0230 | 3 | 1014.9 | 1014.6 | .. | 20.5 | 18.9 | 18.0 | 20.5 | 86 | .. | 2.4 | .. | 2.3 | 0 | 1 | 4 | 00 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 26 | 0 |
| | 0530 | 3 | 1014.9 | 1014.5 | .. | 20.0 | 18.5 | 17.4 | 20.0 | 86 | .. | 2.0 | .. | 3.5 | 0 | 2 | 5 | 01 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |
| | 0830 | 3 | 1017.3 | 1016.9 | +0.9 | 22.9 | 19.5 | 17.8 | 19.9 | 73 | - 4 | 3.0 | +1.0 | 3.3 | 0 | 1 | 7 | 01 | 3 | 3 | 0 | 0 | 1 | 0 | 0 | 23 | 0 |
| | 1130 | 3 | 1016.7 | 1016.3 | .. | 26.7 | 20.7 | 17.0 | 19.5 | 56 | .. | 3.5 | .. | 12.6 | 0 | 10 | 15 | 00 | 3 | 12 | 6 | 1 | 1 | 1 | 1 | 6 | 0 |
| | 1430 | 3 | 1013.9 | 1013.5 | .. | 27.0 | 20.7 | 16.8 | 19.3 | 55 | .. | 4.0 | .. | 20.3 | 0 | 19 | 12 | 00 | 0 | 7 | 18 | 4 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 3 | 1014.1 | 1013.7 | +0.9 | 24.5 | 20.4 | 17.9 | 20.6 | 67 | -11 | 4.1 | +2.1 | 14.5 | 0 | 3 | 28 | 00 | 0 | 8 | 19 | 2 | 1 | 1 | 0 | 0 | 0 |
| | 2030 | 3 | 1016.3 | 1015.9 | .. | 22.8 | 20.1 | 18.4 | 21.3 | 76 | .. | 2.6 | .. | 4.5 | 0 | 1 | 14 | 00 | 1 | 8 | 5 | 0 | 0 | 1 | 0 | 16 | 0 |
| | 2330 | 3 | 1016.4 | 1016.0 | .. | 21.6 | 19.7 | 18.7 | 21.3 | 83 | .. | 2.5 | .. | 2.1 | 0 | 1 | 6 | 00 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 24 | 0 |
| kinada | 0830 | 8 | 1016.9 | 1016.1 | +0.5 | 23.4 | 18.7 | 17.4 | 20.0 | 69 | - 3 | 3.0 | +1.0 | 12.8 | 0 | 4 | 25 | 01 | 27 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 8 | 1013.5 | 1012.6 | +0.4 | 25.0 | 21.1 | 18.9 | 21.8 | 69 | - 1 | 2.9 | +1.4 | 14.6 | 0 | 4 | 27 | 00 | 14 | 5 | 11 | 0 | 1 | 0 | 0 | 0 | 0 |
| ndavole | 0830 | 12 | 1016.7 | 1015.2 | +0.4 | 22.2 | 19.6 | 18.1 | 20.6 | 76 | - 1 | 2.5 | -0.3 | 5.5 | 0 | 0 | 30 | 06 | 17 | 5 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| | 1730 | 12 | 1013.0 | 1011.6 | +0.7 | 26.6 | 21.2 | 17.8 | 20.8 | 58 | + 3 | 2.5 | -0.8 | 11.5 | 0 | 0 | 31 | 00 | 3 | 9 | 17 | 0 | 2 | 0 | 0 | 0 | 0 |
| ntachintala | 0830 | 106 | 1016.6 | 1004.3 | +0.7 | 21.8 | 19.9 | 18.9 | 21.8 | 83 | +12 | 4.2 | +1.7 | 0.8 | 0 | 0 | 12 | 00 | 0 | 4 | 0 | 7 | 0 | 1 | 0 | 19 | 0 |
| | 1730 | 106 | 1012.1 | 999.4 | +0.0 | 29.1 | 20.7 | 15.1 | 17.1 | 44 | +11 | 4.1 | +1.3 | 0.8 | 0 | 0 | 9 | 01 | 0 | 3 | 0 | 5 | 0 | 0 | 0 | 22 | 0 |
| nnavaram | 0230 | 24 | 1014.1 | 1011.3 | .. | 21.0 | 19.7 | 19.0 | 21.8 | 88 | .. | 2.3 | .. | 7.8 | 0 | 1 | 21 | 04 | 3 | 13 | 1 | 0 | 0 | 0 | 1 | 9 | 0 |
| | 0530 | 24 | 1014.3 | 1011.5 | .. | 20.7 | 19.7 | 19.0 | 22.2 | 90 | .. | 3.0 | .. | 8.1 | 0 | 2 | 21 | 04 | 2 | 15 | 1 | 0 | 0 | 1 | 0 | 8 | 0 |
| | 0830 | 24 | 1016.7 | 1013.9 | +0.6 | 23.1 | 20.4 | 18.7 | 21.8 | 77 | + 3 | 3.2 | +1.5 | 14.8 | 0 | 8 | 21 | 01 | 2 | 24 | 0 | 1 | 0 | 1 | 0 | 2 | 0 |
| | 1130 | 24 | 1016.2 | 1013.4 | .. | 27.5 | 21.7 | 18.3 | 21.1 | 58 | .. | 4.2 | .. | 15.5 | 0 | 7 | 24 | 00 | 1 | 21 | 5 | 2 | 1 | 1 | 0 | 0 | 0 |
| | 1430 | 24 | 1012.9 | 1010.1 | .. | 29.4 | 21.7 | 17.1 | 19.7 | 49 | .. | 4.4 | .. | 14.0 | 0 | 2 | 29 | 00 | 0 | 18 | 10 | 1 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 24 | 1012.9 | 1010.1 | +0.6 | 27.2 | 21.6 | 18.3 | 21.1 | 59 | + 5 | 3.8 | +1.9 | 14.2 | 0 | 3 | 28 | 01 | 0 | 8 | 20 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 24 | 1015.2 | 1012.5 | .. | 22.9 | 20.8 | 19.6 | 22.9 | 81 | .. | 1.8 | .. | 6.9 | 0 | 0 | 26 | 01 | 0 | 15 | 7 | 3 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 24 | 1015.5 | 1012.7 | .. | 21.9 | 20.3 | 19.4 | 22.5 | 86 | .. | 2.2 | .. | 8.0 | 0 | 2 | 24 | 02 | 0 | 23 | 1 | 0 | 0 | 0 | 0 | 5 | 0 |
| isulipatam | 0830 | 3 | 1016.5 | 1016.1 | +0.3 | 22.4 | 20.6 | 19.6 | 22.8 | 85 | + 4 | 4.9 | +2.8 | 4.6 | 0 | 0 | 30 | 06 | 9 | 11 | 1 | 0 | 0 | 1 | 2 | 1 | 0 |
| | 1730 | 3 | 1013.2 | 1012.8 | +0.3 | 25.6 | 22.1 | 20.1 | 23.8 | 72 | + 3 | 5.2 | +3.7 | 5.5 | 0 | 0 | 31 | 00 | 1 | 21 | 7 | 1 | 1 | 0 | 0 | 0 | 0 |
| ngole | 0830 | 12 | 1016.4 | 1015.1 | +0.5 | 24.9 | 22.4 | 21.0 | 25.0 | 79 | - 2 | 4.2 | +2.1 | 3.5 | 0 | 0 | 31 | 02 | 21 | 5 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 12 | 1012.7 | 1011.5 | +0.4 | 26.4 | 22.9 | 21.0 | 25.0 | 73 | + 3 | 3.1 | +1.6 | 3.7 | 0 | 0 | 31 | 00 | 2 | 26 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| llore | 0530 | 20 | 1013.8 | 1011.5 | .. | 21.8 | 21.3 | 21.0 | 25.0 | 95 | .. | 5.1 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 0830 | 20 | 1015.8 | 1013.5 | -0.1 | 23.6 | 22.3 | 21.7 | 25.9 | 89 | + 5 | 6.1 | +3.0 | 3.9 | 0 | 0 | 25 | 03 | 4 | 2 | 3 | 0 | 2 | 0 | 11 | 6 | 0 |
| | 1130 | 20 | 1015.7 | 1013.4 | .. | 27.7 | 23.3 | 21.2 | 25.0 | 68 | .. | 5.9 | .. | 5.6 | 0 | 1 | 30 | 02 | 17 | 4 | 2 | 1 | 0 | 0 | 5 | 0 | 0 |
| | 1730 | 20 | 1012.8 | 1010.5 | +0.5 | 26.7 | 23.2 | 21.5 | 25.6 | 73 | + 9 | 6.1 | +3.2 | 7.5 | 0 | 0 | 31 | 00 | 27 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 2330 | 20 | 1015.1 | 1012.8 | .. | 23.3 | 22.1 | 21.5 | 25.6 | 89 | .. | 5.1 | .. | 0.8 | 0 | 0 | 7 | 00 | 3 | 1 | 1 | 0 | 0 | 0 | 2 | 24 | 0 |
| NGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ngundam | 0830 | 156 | 1016.5 | 998.6 | +0.5 | 19.5 | 17.1 | 15.3 | 17.5 | 79 | +15 | 4.5 | +2.4 | 2.6 | 0 | 0 | 19 | 11 | 2 | 1 | 2 | 3 | 0 | 0 | 0 | 12 | 0 |
| zamabad | 1730 | 156 | 1012.4 | 995.1 | +1.1 | 27.6 | 19.9 | 14.2 | 16.7 | 47 | +12 | 3.6 | +1.6 | 2.6 | 0 | 0 | 29 | 08 | 16 | 0 | 3 | 1 | 0 | 1 | 0 | 2 | 0 |
| | 0830 | 381 | 1016.4 | 973.2 | +1.1 | 19.6 | 16.1 | 13.2 | 15.5 | 68 | + 4 | 3.5 | +1.9 | 0.3 | 0 | 0 | 4 | 00 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 27 | 0 |
| | 1730 | 381 | 1011.8 | 969.5 | +1.2 | 26.9 | 18.3 | 12.2 | 14.0 | 43 | +11 | 2.0 | +0.0 | 3.8 | 0 | 0 | 23 | 06 | 5 | 8 | 1 | 1 | 0 | 1 | 1 | 8 | 0 |
| namkonda | 0830 | 269 | 1016.9 | 986.1 | +0.7 | 20.9 | 18.3 | 16.3 | 18.9 | 77 | + 2 | 3.8 | +1.7 | 2.1 | 0 | 0 | 30 | 06 | 0 | 0 | 1 | 21 | 0 | 1 | 1 | 1 | 0 |
| | 1730 | 269 | 1013.6 | 983.5 | +1.7 | 26.9 | 19.3 | 14.1 | 16.2 | 44 | + 8 | 1.7 | +0.1 | 2.0 | 0 | 0 | 31 | 17 | 2 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 |
| kimpet Aerodrome | 0530 | 613 | 1014.3 | 944.9 | .. | 17.8 | 16.0 | 14.5 | 16.8 | 83 | .. | 3.9 | .. | 12.1 | 0 | 2 | 28 | 00 | 4 | 7 | 17 | 1 | 0 | 0 | 1 | 1 | 0 |
| | 0830 | 613 | 1015.9 | 946.9 | .. | 19.7 | 17.5 | 15.7 | 18.3 | 81 | .. | 6.0 | .. | 13.7 | 0 | 3 | 26 | 00 | 2 | 4 | 20 | 1 | 0 | 1 | 1 | 2 | 0 |
| | 1130 | 613 | 1014.8 | 946.9 | .. | 24.3 | 18.7 | 15.1 | 17.1 | 59 | .. | 4.7 | .. | 17.8 | 0 | 10 | 21 | 01 | 3 | 6 | 13 | 6 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 613 | 1011.6 | 944.0 | .. | 25.3 | 18.4 | 13.7 | 16.1 | 51 | .. | 4.6 | .. | 13.9 | 0 | 2 | 29 | 03 | 2 | 12 | 11 | 1 | 1 | 0 | 1 | 0 | 0 |
| | 2330 | 613 | 1014.8 | 945.9 | .. | 20.0 | 16.6 | 14.1 | 16.4 | 71 | .. | 2.5 | .. | 12.9 | 0 | 1 | 30 | 02 | 5 | 12 | 11 | 0 | 0 | 1 | 0 | 0 | 0 |
| adrachalam | 0830 | 111 | 1016.2 | 1003.4 | -0.4 | 21.5 | 19.1 | 17.5 | 19.9 | 80 | + 3 | 3.1 | +0.8 | 1.3 | 0 | 0 | 19 | 00 | 15 | 0 | 2 | 0 | 1 | 0 | 1 | 12 | 0 |
| | 1730 | 111 | 1012.0 | 999.6 | +0.3 | 28.4 | 20.9 | 16.2 | 18.8 | 49 | + 8 | 3.6 | +1.3 | 2.2 | 0 | 0 | 31 | 03 | 25 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| derabad (Begampet) | 0230 | 545 | 1014.3 | 952.5 | .. | 18.4 | 15.3 | 12.9 | 15.1 | 71 | .. | 2.6 | .. | 6.2 | 0 | 1 | 22 | 02 | 2 | 6 | 11 | 1 | 0 | 0 | 1 | 8 | 0 |
| | 0530 | 545 | 1014.6 | 952.6 | .. | 17.5 | 15.2 | 13.5 | 15.7 | 78 | .. | 3.3 | .. | 4.8 | 0 | 0 | 19 | 00 | 2 | 6 | 8 | 1 | 1 | 0 | 1 | 12 | 0 |
| | 0830 | 545 | 1016.6 | 954.9 | +0.6 | 19.4 | 16.7 | 14.7 | 17.0 | 76 | - 3 | 5.9 | +3.5 | 11.9 | 0 | 2 | 25 | 01 | 1 | 7 | 15 | 1 | 0 | 1 | 1 | 4 | 0 |
| | 1130 | 545 | 1015.2 | 954.7 | .. | 25.0 | 18.1 | 13.4 | 15.8 | 51 | .. | 4.3 | .. | 11.5 | 0 | 2 | 28 | 00 | 4 | 3 | 19 | 2 | 1 | 1 | 0 | 1 | 0 |
| | 1730 | 545 | 1011.3 | 951.3 | +0.7 | 26.2 | 18.1 | 12.4 | 14.9 | 43 | + 7 | 4.8 | +2.7 | 9.4 | 0 | 0 | 31 | 02 | 4 | 12 | 12 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 2330 | 545 | 1015.1 | 953.7 | .. | 20.1 | 16.2 | 13.3 | 15.6 | 66 | .. | 1.9 | .. | 7.0 | 0 | 0 | 30 | 01 | 9 | 12 | 7 | 0 | 0 | 0 | 1 | 1 | 0 |
| amam | 0830 | 112 | 1016.7 | 1003.8 | +0.7 | 22.9 | 19.8 | 18.6 | 20.6 | 79 | - 1 | 4.7 | +2.7 | 4.3 | 0 | 0 | 22 | 01 | 0 | 13 | 7 | 1 | 0 | 0 | 0 | 9 | 0 |
| | 1730 | 112 | 1012.4 | 999.8 | +0.7 | 28.8 | 21.4 | 15.7 | 19.6 | 48 | + 8 | 5.0 | +2.8 | 2.5 | 0 | 0 | 26 | 01 | 1 | 11 | 8 | 4 | 1 | 0 | 0 | 5 | 0 |
| hbubnagar | 0830 | 505 | 1015.7 | 958.8 | +0.5 | 21.7 | 17.7 | 15.5 | 17.4 | 72 | + 3 | 4.6 | +2.8 | 8.0 | 0 | 0 | 29 | 00 | 6 | 18 | 5 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 505 | 1010.7 | 955.1 | +0.4 | 27.1 | 18.3 | 12.8 | 14.6 | 40 | + 2 | 4.3 | +2.2 | 6.9 | 0 | 0 | 30 | 00 | 2 | 18 | 3 | 4 | 2 | 1 | 0 | 1 | 0 |
| LASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| rnool | 0830 | 281 | 1016.2 | 984.0 | +0.7 | 21.8 | 18.2 | 15.7 | 17.9 | 69 | - 1 | 3.6 | +1.9 | 3.3 | 0 | 0 | 31 | 01 | 3 | 0 | 9 | 1 | 14 | 0 | 3 | 0 | 0 |
| ndyal | 1730 | 281 | 1010.6 | 979.4 | +0.2 | 29.7 | 20.0 | 13.2 | 15.5 | 38 | + 6 | 3.8 | +1.5 | 4.5 | 0 | 0 | 28 | 02 | 2 | 3 | 6 | 3 | 3 | 3 | 3 | 3 | 3 |
| | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAYALASEEMA (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1013.2 | 973.3 | .. | 20.5 | 18.0 | 16.3 | 18.5 | 77 | .. | 3.1 | .. | 5.0 | 0 | 2 | 11 | 00 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 18 | |
| | 0830 | 350 | 1015.4 | 975.7 | +0.5 | 22.5 | 19.0 | 16.7 | 19.1 | 70 | + 1 | 3.8 | +2.2 | 6.6 | 0 | 0 | 22 | 00 | 3 | 12 | 5 | 1 | 0 | 1 | 0 | 9 | |
| | 1130 | 350 | 1014.4 | 975.3 | .. | 27.1 | 19.8 | 15.0 | 17.1 | 47 | .. | 4.2 | .. | 11.3 | 0 | 2 | 28 | 00 | 1 | 26 | 1 | 1 | 0 | 0 | 1 | 1 | |
| | 1430 | 350 | 1010.5 | 971.9 | .. | 29.7 | 20.3 | 14.0 | 16.1 | 39 | .. | 4.3 | .. | 12.4 | 0 | 3 | 26 | 00 | 2 | 26 | 0 | 0 | 0 | 1 | 0 | 2 | |
| | 1730 | 350 | 1010.0 | 971.4 | +0.4 | 29.2 | 20.3 | 14.3 | 16.5 | 41 | + 5 | 4.4 | +2.3 | 11.3 | 0 | 3 | 24 | 00 | 4 | 23 | 0 | 0 | 0 | 0 | 0 | 4 | |
| | 2030 | 350 | 1012.7 | 973.5 | .. | 25.8 | 19.5 | 15.5 | 17.6 | 53 | .. | 2.2 | .. | 15.6 | 0 | 11 | 14 | 00 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 6 | |
| | 2330 | 350 | 1013.8 | 974.2 | .. | 23.6 | 19.1 | 16.4 | 18.4 | 64 | .. | 1.8 | .. | 15.0 | 0 | 8 | 20 | 00 | 0 | 27 | 1 | 0 | 0 | 0 | 0 | 3 | |
| Cuddapah | 0830 | 130 | 1015.9 | 1001.0 | +0.1 | 23.8 | 20.9 | 19.3 | 22.4 | 76 | + 8 | 3.5 | +1.3 | 2.0 | 0 | 0 | 14 | 00 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 17 | |
| | 1730 | 130 | 1011.5 | 996.8 | +0.1 | 29.0 | 21.9 | 17.7 | 20.5 | 51 | - 3 | 3.1 | +0.5 | 5.5 | 0 | 0 | 29 | 00 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Arogyavaram | 0830 | 701 | 1015.9 | 937.9 | +0.8 | 20.0 | 18.0 | 16.9 | 19.1 | 81 | + 2 | 4.5 | +1.3 | 5.4 | 0 | 0 | 28 | 00 | 5 | 2 | 14 | 4 | 2 | 0 | 1 | 3 | |
| | 1730 | 701 | 1010.3 | 933.9 | +0.1 | 25.9 | 18.8 | 14.5 | 16.5 | 50 | + 3 | 4.2 | +0.6 | 10.0 | 0 | 0 | 30 | 01 | 7 | 17 | 4 | 0 | 1 | 0 | 0 | 1 | |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1015.2 | 1014.5 | +0.3 | 24.7 | 22.9 | 21.7 | 25.9 | 85 | + 7 | 5.0 | +1.2 | 6.0 | 0 | 1 | 23 | 01 | 13 | 1 | 3 | 0 | 0 | 2 | 4 | 7 | |
| | 1730 | 6 | 1012.4 | 1011.7 | .. | 25.9 | 23.1 | 21.7 | 25.9 | 78 | .. | 4.5 | .. | 6.4 | 0 | 0 | 25 | 03 | 8 | 10 | 3 | 0 | 0 | 0 | 1 | 6 | |
| Madras (Minambakkam) | 0230 | 16 | 1013.2 | 1011.4 | .. | 22.9 | 21.9 | 21.3 | 25.5 | 91 | .. | 3.2 | .. | 4.1 | 0 | 1 | 21 | 05 | 5 | 1 | 1 | 0 | 2 | 1 | 7 | 9 | |
| | 0530 | 16 | 1013.3 | 1011.5 | .. | 22.8 | 21.6 | 21.1 | 24.9 | 92 | .. | 3.6 | .. | 4.8 | 0 | 1 | 21 | 07 | 3 | 0 | 0 | 0 | 1 | 5 | 6 | 9 | |
| | 0830 | 16 | 1015.5 | 1013.7 | +0.1 | 24.2 | 22.6 | 21.8 | 26.1 | 87 | + 4 | 5.0 | +1.4 | 6.1 | 0 | 2 | 23 | 07 | 4 | 3 | 0 | 0 | 1 | 2 | 8 | 6 | |
| | 1130 | 16 | 1015.1 | 1013.3 | .. | 27.6 | 23.2 | 21.0 | 24.9 | 68 | .. | 5.3 | .. | 11.1 | 0 | 3 | 27 | 02 | 14 | 11 | 0 | 2 | 0 | 0 | 1 | 1 | |
| | 1430 | 16 | 1012.4 | 1010.6 | .. | 27.7 | 23.4 | 21.1 | 25.0 | 68 | .. | 5.0 | .. | 12.4 | 0 | 2 | 29 | 04 | 12 | 11 | 2 | 1 | 0 | 0 | 1 | 0 | |
| | 1730 | 16 | 1012.5 | 1010.7 | +0.2 | 26.1 | 22.8 | 21.1 | 25.0 | 74 | + 7 | 4.6 | +1.2 | 10.8 | 0 | 0 | 31 | 03 | 16 | 9 | 1 | 1 | 0 | 0 | 1 | 0 | |
| | 2030 | 16 | 1014.6 | 1012.8 | .. | 24.7 | 22.6 | 21.4 | 25.5 | 82 | .. | 3.1 | .. | 7.5 | 0 | 1 | 26 | 07 | 7 | 10 | 2 | 0 | 0 | 0 | 1 | 4 | |
| | 2330 | 16 | 1014.8 | 1013.0 | .. | 23.7 | 22.3 | 21.6 | 25.8 | 88 | .. | 3.0 | .. | 3.9 | 0 | 1 | 16 | 03 | 6 | 4 | 1 | 0 | 0 | 0 | 3 | 14 | |
| Vellore | 0530 | 214 | 1013.8 | 989.2 | .. | 21.0 | 19.9 | 19.3 | 22.4 | 90 | .. | 4.7 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 29 | |
| | 0830 | 214 | 1015.7 | 991.1 | +0.1 | 22.3 | 20.8 | 19.9 | 23.2 | 87 | + 2 | 5.3 | +1.7 | 1.7 | 0 | 0 | 11 | 00 | 5 | 2 | 1 | 0 | 0 | 1 | 2 | 20 | |
| | 1130 | 214 | 1015.1 | 990.9 | .. | 26.9 | 21.9 | 19.1 | 22.0 | 63 | .. | 5.4 | .. | 8.6 | 0 | 4 | 26 | 05 | 12 | 6 | 0 | 3 | 1 | 3 | 0 | 1 | |
| | 1730 | 214 | 1011.5 | 987.5 | +0.4 | 27.8 | 22.1 | 19.2 | 22.0 | 59 | + 7 | 5.3 | +2.1 | 10.2 | 0 | 2 | 29 | 02 | 11 | 10 | 4 | 3 | 1 | 0 | 0 | 0 | |
| | 2330 | 214 | 1015.1 | 990.7 | .. | 23.4 | 21.1 | 19.9 | 23.2 | 81 | .. | 3.3 | .. | 4.8 | 0 | 0 | 18 | 01 | 8 | 5 | 0 | 4 | 0 | 0 | 0 | 13 | |
| Tambaram (Aerodrome) | 0830 | 29 | 1015.1 | 1011.8 | .. | 24.5 | 23.1 | 22.5 | 27.3 | 85 | .. | 5.3 | .. | 9.1 | 0 | 2 | 24 | 10 | 4 | 2 | 1 | 0 | 3 | 0 | 6 | 5 | |
| | 1730 | 29 | 1012.2 | 1008.9 | .. | 26.2 | 22.9 | 21.2 | 25.2 | 74 | .. | 4.6 | .. | 14.8 | 0 | 5 | 26 | 01 | 17 | 8 | 3 | 1 | 0 | 0 | 1 | 0 | |
| Tiruppattur | 0830 | 390 | 1015.2 | 970.7 | -0.2 | 20.3 | 18.9 | 18.2 | 20.8 | 90 | + 2 | 6.6 | +1.5 | 2.1 | 0 | 0 | 28 | 24 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 3 | |
| | 1730 | 390 | 1010.4 | 966.8 | -0.2 | 26.7 | 21.1 | 17.8 | 20.5 | 59 | + 5 | 5.4 | +0.5 | 6.9 | 0 | 0 | 31 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 24.0 | 23.0 | 22.4 | 27.1 | 91 | .. | 3.1 | .. | .. | . | .. | .. | 00 | 13 | 0 | 5 | 0 | 3 | 0 | 10 | 0 | |
| | 1730 | | .. | .. | .. | 26.6 | 24.3 | 23.1 | 28.2 | 81 | .. | 3.1 | .. | .. | . | .. | .. | 00 | 15 | 0 | 6 | 0 | 1 | 0 | 9 | 0 | |
| Cuddalore | 0530 | 12 | 1012.8 | 1011.4 | .. | 22.7 | 22.0 | 21.6 | 25.9 | 93 | .. | 4.4 | .. | 0.5 | 0 | 0 | 3 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 28 | |
| | 0830 | 12 | 1015.2 | 1013.8 | +0.1 | 24.3 | 22.8 | 22.1 | 26.9 | 87 | + 4 | 5.5 | +1.4 | 4.6 | 0 | 0 | 29 | 03 | 16 | 0 | 0 | 0 | 2 | 1 | 7 | 2 | |
| | 1130 | 12 | 1014.9 | 1013.5 | .. | 27.6 | 23.9 | 22.2 | 26.6 | 73 | .. | 4.8 | .. | 8.8 | 0 | 2 | 28 | 00 | 26 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | |
| | 1730 | 12 | 1012.0 | 1010.7 | +0.1 | 26.3 | 23.5 | 22.2 | 26.6 | 78 | + 7 | 4.4 | +0.7 | 12.5 | 0 | 0 | 31 | 00 | 25 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | |
| | 2330 | 12 | 1014.5 | 1013.1 | .. | 24.8 | 23.1 | 22.2 | 26.9 | 86 | .. | 3.9 | .. | 2.3 | 0 | 0 | 14 | 01 | 12 | 0 | 0 | 0 | 0 | 0 | 1 | 17 | |
| Kallakkurichchi | 0830 | 127 | 1015.2 | 1000.8 | +0.2 | 23.8 | 21.8 | 20.8 | 24.6 | 84 | + 7 | 4.4 | +1.0 | 7.0 | 0 | 0 | 27 | 22 | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 4 | |
| | 1730 | 127 | 1011.2 | 996.8 | +0.3 | 28.4 | 22.6 | 19.8 | 23.4 | 62 | + 9 | 4.0 | +0.3 | 9.4 | 0 | 0 | 30 | 02 | 18 | 8 | 1 | 0 | 0 | 0 | 1 | 1 | |
| Salem | 0530 | 278 | 1012.9 | 981.2 | .. | 21.7 | 19.3 | 17.8 | 20.5 | 79 | .. | 3.2 | .. | 1.9 | 0 | 0 | 10 | 00 | 3 | 6 | 1 | 0 | 0 | 0 | 0 | 21 | |
| | 0830 | 278 | 1015.0 | 983.4 | +0.2 | 23.6 | 19.8 | 17.5 | 20.0 | 69 | - 4 | 4.1 | +1.6 | 2.0 | 0 | 0 | 11 | 00 | 1 | 5 | 3 | 0 | 0 | 1 | 0 | 20 | |
| | 1130 | 278 | 1013.9 | 982.9 | .. | 29.0 | 20.7 | 15.4 | 17.6 | 44 | .. | 3.9 | .. | 7.5 | 0 | 0 | 30 | 01 | 6 | 18 | 2 | 2 | 0 | 0 | 0 | 1 | |
| | 1730 | 278 | 1009.9 | 979.1 | +0.3 | 29.6 | 21.0 | 15.5 | 17.8 | 43 | + 0 | 4.6 | +1.6 | 8.9 | 0 | 3 | 24 | 00 | 4 | 19 | 3 | 0 | 0 | 0 | 0 | 4 | |
| | 2330 | 278 | 1013.8 | 982.3 | .. | 24.3 | 20.3 | 17.8 | 20.5 | 67 | .. | 2.9 | .. | 11.0 | 0 | 0 | 27 | 00 | 2 | 22 | 3 | 0 | 0 | 0 | 0 | 4 | |
| Coimbatore (Pilamedu) | 0530 | 399 | 1013.5 | 968.0 | .. | 19.8 | 19.0 | 18.6 | 21.3 | 93 | .. | 2.2 | .. | 2.7 | 0 | 0 | 15 | 05 | 6 | 4 | 0 | 0 | 0 | 0 | 0 | 16 | |
| | 0830 | 399 | 1015.3 | 970.2 | +0.5 | 22.0 | 20.3 | 18.9 | 22.4 | 84 | + 8 | 4.2 | +0.5 | 8.5 | 0 | 0 | 21 | 05 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | 10 | |
| | 1130 | 399 | 1014.0 | 969.6 | .. | 26.6 | 21.9 | 19.3 | 22.4 | 65 | .. | 4.0 | .. | 13.5 | 0 | 2 | 27 | 03 | 19 | 5 | 1 | 1 | 0 | 0 | 0 | 2 | |
| | 1730 | 399 | 1009.8 | 965.9 | +0.6 | 28.9 | 21.9 | 17.8 | 20.5 | 52 | +12 | 4.0 | +1.0 | 10.4 | 0 | 3 | 26 | 01 | 15 | 9 | 0 | 3 | 0 | 0 | 0 | 2 | |
| | 2330 | 399 | 1014.0 | 969.1 | .. | 22.9 | 20.8 | 19.7 | 22.9 | 82 | .. | 2.4 | .. | 12.6 | 0 | 5 | 19 | 00 | 6 | 15 | 1 | 1 | 1 | 0 | 0 | 7 | |
| Coimbatore | 0830 | 409 | 1014.8 | 968.7 | +0.2 | 22.7 | 19.8 | 18.0 | 20.6 | 75 | + 0 | 5.2 | +1.3 | 6.0 | 0 | 0 | 31 | 00 | 13 | 14 | 0 | 1 | 0 | 1 | 2 | 0 | |
| Nagapattinam | 0830 | 9 | 1014.9 | 1013.8 | +0.3 | 25.9 | 23.2 | 21.7 | 26.3 | 78 | + 0 | 4.3 | -0.1 | 14.3 | 0 | 11 | 17 | 04 | 17 | 1 | 0 | 0 | 0 | 1 | 5 | 3 | |
| | 1730 | 9 | 1011.6 | 1010.5 | +0.0 | 26.8 | 23.6 | 21.9 | 26.4 | 75 | + 1 | 4.5 | +0.5 | 20.2 | 0 | 15 | 16 | 02 | 25 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | |
| Tiruchchirappalli | 0230 | 88 | 1012.8 | 1002.7 | .. | 22.4 | 21.3 | 20.7 | 24.4 | 90 | .. | 3.8 | .. | 8.1 | 0 | 1 | 22 | 03 | 18 | 0 | 0 | 0 | 2 | 0 | 0 | 8 | |
| | 0530 | 88 | 1012.7 | 1002.5 | .. | 22.0 | 21.0 | 20.5 | 24.1 | 91 | .. | 3.6 | .. | 6.8 | 0 | 0 | 18 | 04 | 9 | 2 | 0 | 0 | 0 | 1 | 2 | 13 | |
| | 0830 | 88 | 1014.8 | 1004.7 | +0.0 | 24.0 | 21.8 | 20.7 | 24.3 | 82 | + 3 | 4.6 | +1.2 | 11.8 | 0 | 9 | 15 | 06 | 12 | 1 | 0 | 1 | 0 | 1 | 3 | 7 | |
| | 1130 | 88 | 1014.3 | 1004.3 | .. | 27.8 | 22.4 | 19.4 | 22.7 | 61 | .. | 4.9 | .. | 14.5 | 0 | 9 | 18 | 02 | 17 | 5 | 0 | 1 | 0 | 1 | 1 | 4 | |
| | 1430 | 88 | 1011.0 | 1001.1 | .. | 29.7 | 22.6 | 18.6 | 21.6 | 52 | .. | 4.8 | .. | 16.7 | 0 | 8 | 22 | 00 | 19 | 7 | 0 | 2 | 0 | 0 | 2 | 1 | |
| | 1730 | 88 | 1010.7 | 1000.8 | +0.1 | 28.6 | 22.3 | 19.0 | 21.8 | 57 | + 3 | 4.4 | +0.7 | 13.7 | 0 | 5 | 24 | 00 | 14 | 11 | 3 | 0 | 0 | 0 | 1 | 2 | |
| | 2030 | 88 | 1013.4 | 1003.4 | .. | 24.9 | 22.1 | 20.7 | 24.3 | 78 | .. | 2.3 | .. | 12.2 | 0 | 1 | 29 | 00 | 14 | 10 | 5 | 0 | 0 | 0 | 1 | 1 | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tiruchchirappalli (Contd.) | 2330 | 88 | 1014.5 | 1004.1 | .. | 23.3 | 21.8 | 21.0 | 25.0 | 87 | .. | 2.2 | .. | 8.6 | 0 | 0 | 26 | 00 | 18 | 6 | 0 | 2 | 0 | 0 | 0 | 5 | 0 |
| Vedaranniyam | 0830 | 4 | 1013.9 | 1014.4 | .. | 26.4 | 23.8 | 22.4 | 27.1 | 79 | .. | 2.0 | .. | 2.6 | 0 | 0 | 29 | 02 | 21 | 0 | 0 | 0 | 4 | 0 | 2 | 2 | 0 |
| | 1730 | 4 | 1010.8 | 1011.3 | .. | 26.6 | 23.4 | 22.4 | 27.1 | 78 | .. | 2.7 | .. | 2.4 | 0 | 0 | 30 | 01 | 23 | 0 | 0 | 1 | 4 | 0 | 1 | 1 | 0 |
| Atirampattinam | 0830 | 6 | 1014.5 | 1013.8 | .. | 24.1 | 22.7 | 22.1 | 26.4 | 89 | .. | 4.0 | .. | 7.5 | 0 | 0 | 30 | 15 | 4 | 0 | 0 | 0 | 3 | 1 | 7 | 1 | 0 |
| | 1730 | 6 | 1011.3 | 1010.6 | .. | 27.7 | 23.5 | 21.3 | 25.5 | 69 | .. | 3.6 | .. | 10.6 | 0 | 2 | 29 | 03 | 16 | 5 | 2 | 4 | 0 | 0 | 1 | 0 | 0 |
| Madurai | 0830 | 133 | 1013.7 | 998.5 | -0.7 | 24.3 | 21.7 | 20.3 | 24.0 | 79 | + 4 | 2.9 | -1.0 | 5.2 | 0 | 0 | 26 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1012.7 | 997.6 | .. | 21.8 | 20.9 | 20.4 | 24.1 | 91 | .. | 2.7 | .. | 6.4 | 0 | 0 | 23 | 08 | 12 | 1 | 1 | 0 | 0 | 0 | 1 | 8 | 0 |
| | 0830 | 131 | 1014.8 | 999.8 | +0.7 | 24.4 | 21.9 | 20.5 | 24.1 | 79 | + 2 | 3.6 | -0.1 | 8.3 | 0 | 0 | 28 | 13 | 12 | 1 | 0 | 0 | 0 | 0 | 2 | 3 | 0 |
| | 1130 | 131 | 1014.3 | 999.2 | .. | 27.9 | 22.6 | 19.5 | 23.1 | 60 | .. | 3.8 | .. | 14.5 | 0 | 8 | 23 | 08 | 19 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 131 | 1010.5 | 995.7 | +0.6 | 28.7 | 22.5 | 19.0 | 22.1 | 56 | + 2 | 3.5 | -0.6 | 14.6 | 0 | 5 | 26 | 01 | 15 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 0830 | 5 | 1014.8 | 1014.2 | +1.0 | 24.5 | 22.7 | 21.7 | 26.1 | 84 | + 3 | 3.8 | -1.1 | 8.6 | 0 | 0 | 29 | 21 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 2 | 0 |
| | 1730 | 5 | 1011.4 | 1010.8 | +0.9 | 27.4 | 24.0 | 22.3 | 27.1 | 74 | - 1 | 3.6 | -1.3 | 20.8 | 0 | 19 | 12 | 01 | 20 | 6 | 1 | 2 | 0 | 0 | 1 | 0 | 0 |
| Pamban | 0830 | 11 | 1014.1 | 1012.8 | +0.1 | 26.0 | 24.0 | 23.4 | 28.8 | 85 | + 4 | 5.7 | +1.5 | 10.1 | 0 | 0 | 31 | 07 | 15 | 4 | 0 | 3 | 1 | 0 | 1 | 0 | 0 |
| | 1730 | 11 | 1011.0 | 1009.7 | +0.1 | 26.6 | 24.1 | 22.9 | 27.9 | 80 | - 1 | 5.0 | +1.7 | 12.1 | 0 | 0 | 31 | 03 | 23 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1014.6 | 1014.2 | -0.1 | 25.2 | 22.8 | 21.6 | 25.8 | 81 | + 4 | 3.4 | +0.5 | 12.7 | 0 | 9 | 21 | 23 | 5 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| | 1730 | 4 | 1010.8 | 1010.4 | +0.1 | 27.5 | 24.4 | 22.6 | 27.4 | 76 | + 2 | 2.9 | +0.8 | 28.1 | 0 | 24 | 7 | 01 | 13 | 12 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1014.6 | 1008.8 | +0.3 | 25.1 | 22.4 | 21.0 | 24.9 | 79 | + 3 | 5.4 | +0.8 | 12.7 | 0 | 5 | 26 | 22 | 0 | 0 | 1 | 1 | 0 | 1 | 6 | 0 | 0 |
| | 1730 | 51 | 1010.4 | 1004.7 | +0.4 | 29.2 | 23.5 | 20.6 | 24.3 | 60 | + 1 | 4.0 | -0.2 | 11.6 | 0 | 1 | 30 | 06 | 4 | 15 | 4 | 1 | 0 | 1 | 0 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1013.5 | 1009.3 | .. | 25.8 | 22.3 | 20.4 | 24.1 | 72 | .. | 3.7 | .. | 12.4 | 0 | 17 | 14 | 02 | 14 | 10 | 1 | 1 | 1 | 2 | 0 | 0 | 0 |
| | 1730 | 37 | 1009.9 | 1005.8 | .. | 28.1 | 23.5 | 21.1 | 25.2 | 67 | .. | 3.6 | .. | 20.4 | 0 | 19 | 12 | 13 | 13 | 2 | 0 | 0 | 0 | 2 | 1 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1014.5 | 1014.0 | +0.8 | 22.2 | 19.3 | 17.4 | 19.9 | 75 | - 1 | 2.9 | +1.2 | 4.0 | 0 | 0 | 31 | 03 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 1730 | 4 | 1010.8 | 1010.3 | +0.6 | 28.0 | 22.7 | 19.6 | 22.8 | 59 | - 1 | 3.0 | +1.4 | 9.0 | 0 | 0 | 31 | 01 | 0 | 0 | 3 | 1 | 0 | 5 | 18 | 0 | 3 |
| Honavar | 0830 | 26 | 1014.4 | 1011.3 | +0.3 | 22.2 | 19.0 | 17.0 | 19.4 | 73 | + 5 | 3.3 | +0.7 | 2.8 | 0 | 0 | 26 | 00 | 11 | 15 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 1730 | 26 | 1010.4 | 1007.5 | +0.1 | 28.8 | 22.8 | 19.7 | 22.8 | 58 | - 1 | 2.9 | +0.5 | 5.7 | 0 | 0 | 31 | 12 | 0 | 5 | 0 | 0 | 0 | 12 | 2 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1011.9 | 1000.3 | .. | 22.9 | 20.6 | 19.3 | 22.4 | 80 | .. | 1.7 | .. | 4.5 | 0 | 0 | 17 | 02 | 2 | 10 | 2 | 0 | 0 | 0 | 0 | 14 | 1 |
| | 0530 | 102 | 1011.8 | 1000.1 | .. | 21.9 | 19.9 | 18.6 | 21.6 | 83 | .. | 2.3 | .. | 4.9 | 0 | 0 | 19 | 00 | 5 | 13 | 1 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 0830 | 102 | 1013.9 | 1002.3 | +0.6 | 23.8 | 20.8 | 18.9 | 22.1 | 75 | + 5 | 3.7 | +1.4 | 7.2 | 0 | 0 | 28 | 01 | 2 | 23 | 2 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1130 | 102 | 1013.5 | 1002.0 | .. | 29.3 | 21.9 | 17.6 | 20.2 | 50 | .. | 3.2 | .. | 8.3 | 0 | 0 | 29 | 01 | 1 | 12 | 2 | 0 | 0 | 4 | 4 | 2 | 5 |
| | 1430 | 102 | 1010.5 | 999.1 | .. | 30.9 | 22.7 | 18.1 | 20.9 | 47 | .. | 3.3 | .. | 13.1 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 3 | 16 | 7 | 0 | 4 |
| | 1730 | 102 | 1010.0 | 998.6 | +0.5 | 28.5 | 22.3 | 18.9 | 21.8 | 57 | + 0 | 3.0 | +0.8 | 12.8 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 |
| | 2030 | 102 | 1012.3 | 1000.8 | .. | 25.5 | 22.1 | 20.2 | 23.8 | 73 | .. | 1.9 | .. | 4.8 | 0 | 0 | 19 | 02 | 1 | 0 | 0 | 0 | 0 | 1 | 15 | 12 | 0 |
| | 2330 | 102 | 1013.1 | 1001.5 | .. | 24.5 | 21.8 | 20.1 | 23.8 | 77 | .. | 2.2 | .. | 4.6 | 0 | 0 | 18 | 10 | 2 | 2 | 0 | 2 | 0 | 0 | 2 | 13 | 0 |
| Mangalore | 0830 | 22 | 1013.9 | 1011.4 | +0.5 | 24.1 | 21.0 | 19.2 | 22.4 | 74 | + 3 | 2.9 | +0.6 | 6.6 | 0 | 0 | 31 | 00 | 6 | 12 | 12 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 22 | 1010.2 | 1007.7 | +0.4 | 28.8 | 23.9 | 21.5 | 25.6 | 65 | + 4 | 2.0 | -0.1 | 11.9 | 0 | 1 | 30 | 01 | 0 | 0 | 0 | 0 | 1 | 2 | 22 | 0 | 5 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1016.5 | 941.7 | +0.9 | 18.9 | 15.1 | 11.6 | 14.4 | 65 | + 3 | 4.1 | +2.2 | 9.1 | 0 | 2 | 29 | 03 | 5 | 10 | 8 | 3 | 1 | 0 | 1 | 0 | 0 |
| | 1730 | 664 | 1010.9 | 938.0 | +0.5 | 25.3 | 16.5 | 9.4 | 12.3 | 39 | + 4 | 5.2 | +2.3 | 12.6 | 0 | 2 | 29 | 02 | 10 | 10 | 0 | 5 | 1 | 1 | 1 | 0 | 1 |
| Gulbarga | 0830 | 458 | 1016.2 | 964.1 | +0.4 | 20.3 | 15.6 | 11.8 | 14.3 | 60 | + 6 | 4.1 | +2.7 | 5.5 | 0 | 0 | 19 | 00 | 7 | 10 | 1 | 1 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 458 | 1010.2 | 959.9 | +0.2 | 29.0 | 18.1 | 10.0 | 12.9 | 33 | + 6 | 5.3 | +3.2 | 8.2 | 0 | 0 | 29 | 00 | 5 | 14 | 6 | 1 | 1 | 2 | 0 | 2 | 0 |
| Bijapur | 0830 | 594 | 1016.1 | 948.7 | +0.5 | 18.6 | 14.6 | 11.2 | 13.7 | 64 | + 8 | 4.3 | +2.7 | 4.5 | 0 | 0 | 31 | 05 | 0 | 2 | 11 | 4 | 2 | 3 | 4 | 0 | 0 |
| | 1730 | 594 | 1008.2 | 943.3 | -1.3 | 28.9 | 18.4 | 11.6 | 13.5 | 36 | + 5 | 3.5 | +1.1 | 2.1 | 0 | 0 | 24 | 01 | 3 | 4 | 8 | 1 | 1 | 5 | 1 | 7 | 0 |
| Raichur | 0830 | 400 | 1015.7 | 970.4 | +0.0 | 21.9 | 18.2 | 15.4 | 17.8 | 68 | + 4 | 3.8 | +2.2 | 5.4 | 0 | 0 | 27 | 00 | 6 | 0 | 17 | 0 | 1 | 0 | 3 | 4 | 0 |
| | 1730 | 400 | 1010.8 | 966.7 | +0.6 | 28.8 | 20.0 | 13.9 | 16.2 | 41 | + 9 | 4.3 | +2.1 | 5.3 | 0 | 0 | 30 | 00 | 14 | 0 | 15 | 0 | 0 | 0 | 1 | 1 | 0 |
| Belgaum | 0830 | 753 | 1015.6 | 931.3 | +0.4 | 18.1 | 15.3 | 13.4 | 15.4 | 75 | + 9 | 2.3 | +1.4 | 1.7 | 0 | 0 | 11 | 00 | 0 | 10 | 0 | 0 | 0 | 0 | 1 | 20 | 0 |
| | 1730 | 753 | 1008.9 | 927.8 | +0.0 | 27.2 | 18.3 | 12.4 | 14.4 | 41 | +11 | 3.2 | +1.7 | 5.9 | 0 | 0 | 25 | 00 | 1 | 9 | 1 | 3 | 0 | 10 | 1 | 6 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1013.9 | 929.7 | .. | 16.3 | 13.4 | 11.1 | 13.3 | 73 | .. | 2.9 | .. | 2.8 | 0 | 0 | 14 | 01 | 5 | 2 | 4 | 1 | 1 | 0 | 0 | 17 | 0 |
| | 0830 | 747 | 1015.3 | 931.7 | +0.5 | 18.9 | 15.0 | 11.4 | 14.2 | 65 | + 4 | 4.6 | +2.9 | 5.3 | 0 | 1 | 19 | 00 | 7 | 5 | 7 | 0 | 1 | 0 | 0 | 11 | 0 |
| | 1130 | 747 | 1013.7 | 931.9 | .. | 25.2 | 17.1 | 11.4 | 13.6 | 43 | .. | 4.3 | .. | 9.7 | 0 | 3 | 26 | 00 | 6 | 3 | 14 | 2 | 1 | 2 | 1 | 2 | 0 |
| | 1430 | 747 | 1009.7 | 928.9 | .. | 27.9 | 17.5 | 9.8 | 12.3 | 34 | .. | 5.0 | .. | 11.3 | 0 | 4 | 27 | 00 | 4 | 4 | 8 | 3 | 7 | 4 | 1 | 0 | 0 |
| | 1730 | 747 | 1009.4 | 928.5 | +0.4 | 27.2 | 17.4 | 10.0 | 12.7 | 35 | - 1 | 4.6 | +2.6 | 11.3 | 0 | 7 | 24 | 00 | 7 | 4 | 5 | 1 | 6 | 7 | 1 | 0 | 0 |
| | 2030 | 747 | 1013.1 | 930.5 | .. | 22.1 | 16.1 | 11.5 | 13.9 | 53 | .. | 2.7 | .. | 5.6 | 0 | 0 | 27 | 00 | 3 | 5 | 2 | 0 | 4 | 13 | 0 | 4 | 0 |
| Gadag | 0530 | 650 | 1013.8 | 940.5 | .. | 18.0 | 15.3 | 13.3 | 15.5 | 74 | .. | 1.5 | .. | 4.4 | 0 | 0 | 20 | 00 | 1 | 10 | 3 | 1 | 0 | 4 | 0 | 11 | 1 |
| | 0830 | 650 | 1015.3 | 942.2 | +0.0 | 18.9 | 15.8 | 13.9 | 15.9 | 70 | + 9 | 3.3 | +1.0 | 3.4 | 0 | 0 | 23 | 00 | 7 | 10 | 3 | 0 | 0 | 2 | 1 | 3 | 0 |
| | 1130 | 650 | 1013.7 | 942.4 | .. | 26.6 | 18.6 | 13.4 | 15.6 | 45 | .. | 3.2 | .. | 8.7 | 0 | 0 | 27 | 02 | 5 | 13 | 3 | 0 | 0 | 1 | 0 | 4 | 3 |
| | 1430 | 650 | 1009.8 | 939.5 | .. | 29.1 | 19.3 | 12.8 | 15.3 | 37 | .. | 4.2 | .. | 8.4 | 0 | 0 | 29 | 00 | 6 | 9 | 2 | 1 | 1 | 3 | 2 | 2 | 5 |
| | 1730 | 650 | 1009.5 | 939.0 | +0.5 | 28.5 | 18.9 | 12.5 | 14.8 | 38 | + 3 | 4.7 | +1.9 | 5.1 | 0 | 0 | 30 | 03 | 11 | 6 | 2 | 1 | 2 | 4 | 1 | 1 | 0 |
| | 2030 | 650 | 1012.6 | 940.9 | .. | 24.0 | 17.3 | 12.6 | 14.9 | 50 | .. | 1.6 | .. | 5.3 | 0 | 0 | 24 | 00 | 5 | 8 | 0 | 0 | 1 | 7 | 0 | 7 | 3 |
| | 2330 | 650 | 1014.2 | 941.6 | .. | 21.0 | 16.4 | 13.2 | 15.3 | 61 | .. | 0.8 | .. | 5.7 | 0 | 0 | 22 | 00 | 2 | 10 | 0 | 0 | 1 | 8 | 0 | 9 | 1 |

**TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)**

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Bellary** | 0830 | 449 | 1015.4 | 964.6 | +0.3 | 20.2 | 17.8 | 15.8 | 18.4 | 78 | +13 | 3.1 | +0.9 | 4.3 | 0 | 0 | 22 | 00 | 3 | 2 | 14 | 0 | 0 | 3 | 0 | 9 | 0 |
| | 1730 | 449 | 1009.8 | 960.5 | +0.3 | 29.4 | 21.3 | 16.1 | 18.8 | 45 | +14 | 4.5 | +1.8 | 6.7 | 0 | 0 | 28 | 00 | 5 | 6 | 17 | 0 | 0 | 0 | 0 | 3 | 0 |
| **Chitradurga** | 0830 | 733 | 1014.9 | 933.0 | +0.2 | 19.7 | 16.6 | 14.6 | 16.6 | 72 | + 7 | 3.3 | +0.9 | 4.5 | 0 | 0 | 20 | 00 | 0 | 13 | 3 | 1 | 3 | 0 | 0 | 11 | 0 |
| | 1730 | 733 | 1008.6 | 929.5 | +0.0 | 28.3 | 18.3 | 11.5 | 13.7 | 36 | + 3 | 3.4 | +1.0 | 7.2 | 0 | 0 | 30 | 00 | 4 | 13 | 4 | 1 | 2 | 3 | 3 | 1 | 0 |
| **Shimoga** | 0830 | 571 | 1014.7 | 950.2 | -0.2 | 19.2 | 16.5 | 14.6 | 16.8 | 75 | - 1 | 5.0 | +2.6 | 2.5 | 0 | 0 | 29 | 01 | 5 | 7 | 5 | 6 | 4 | 1 | 0 | 2 | 0 |
| | 1730 | 571 | 1008.1 | 946.0 | +0.1 | 29.3 | 18.9 | 11.9 | 14.2 | 35 | + 2 | 4.3 | +2.0 | 5.5 | 0 | 0 | 24 | 00 | 4 | 8 | 1 | 1 | 5 | 4 | 1 | 7 | 0 |
| **Agumbe** | 0830 | | .. | .. | .. | 18.1 | 16.6 | 15.6 | 17.8 | 86 | .. | . | .. | 7.6 | 0 | 0 | 31 | 00 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **Balehonnur** | 0830 | 890 | .. | .. | .. | 19.4 | 16.9 | 15.2 | 17.4 | 76 | - 2 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Hassan** | 0830 | 960 | 1533.7 | 909.3 | +0.5 | 17.7 | 15.8 | 14.6 | 16.5 | 82 | + 8 | 4.2 | +1.8 | 2.8 | 0 | 0 | 31 | 01 | 1 | 11 | 7 | 0 | 2 | 6 | 3 | 0 | 0 |
| | 1730 | 960 | 1514.1 | 905.4 | +0.0 | 27.2 | 17.8 | 11.5 | 13.5 | 38 | + 1 | 5.4 | +2.9 | 3.5 | 0 | 0 | 31 | 00 | 4 | 10 | 6 | 2 | 4 | 5 | 0 | 0 | 0 |
| **Bangalore** | 0230 | 921 | 1518.2 | 911.8 | .. | 18.1 | 16.6 | 15.7 | 17.8 | 87 | .. | 3.1 | .. | 7.8 | 0 | 0 | 28 | 00 | 2 | 16 | 10 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 0830 | 921 | 1535.2 | 913.5 | +0.4 | 18.7 | 16.8 | 15.6 | 17.8 | 82 | + 5 | 4.5 | +0.8 | 7.5 | 0 | 0 | 27 | 01 | 3 | 17 | 5 | 1 | 0 | 0 | 0 | 4 | 0 |
| | 1130 | 921 | 1545.5 | 913.4 | .. | 24.1 | 18.0 | 14.4 | 16.2 | 54 | .. | 4.9 | .. | 9.3 | 0 | 2 | 22 | 01 | 4 | 10 | 7 | 2 | 0 | 0 | 0 | 7 | 0 |
| | 1430 | 921 | 1527.4 | 910.9 | .. | 26.4 | 18.3 | 13.0 | 15.1 | 44 | .. | 5.3 | .. | 9.4 | 0 | 1 | 27 | 01 | 5 | 16 | 5 | 1 | 0 | 0 | 0 | 3 | 0 |
| | 1730 | 921 | 1522.3 | 910.6 | +0.7 | 25.6 | 17.8 | 12.6 | 14.7 | 45 | + 5 | 5.0 | +2.1 | 6.8 | 0 | 1 | 23 | 02 | 3 | 16 | 2 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 2030 | 921 | 1530.1 | 912.3 | .. | 21.9 | 17.2 | 14.3 | 16.2 | 63 | .. | 1.7 | .. | 9.3 | 0 | 1 | 27 | 01 | 2 | 18 | 7 | 0 | 0 | 0 | 0 | 3 | 0 |
| **Bangalore Aerodrome** | 0530 | 897 | 1514.7 | 914.2 | .. | 17.5 | 16.3 | 15.6 | 17.6 | 89 | .. | 3.9 | .. | 9.0 | 0 | 1 | 28 | 02 | 2 | 18 | 5 | 1 | 0 | 1 | 0 | 2 | 0 |
| | 0830 | 897 | 1536.6 | 916.2 | +0.4 | 19.0 | 17.0 | 15.8 | 18.1 | 82 | + 4 | 4.9 | +1.2 | 10.4 | 0 | 0 | 29 | 00 | 2 | 15 | 7 | 1 | 1 | 1 | 2 | 2 | 0 |
| | 1130 | 897 | 1543.9 | 915.8 | .. | 24.0 | 18.0 | 14.2 | 16.3 | 55 | .. | 4.5 | .. | 14.5 | 0 | 7 | 22 | 01 | 1 | 13 | 9 | 1 | 2 | 0 | 1 | 2 | 1 |
| | 1730 | 897 | 1519.0 | 912.7 | +0.2 | 25.7 | 18.1 | 13.0 | 15.3 | 46 | + 1 | 4.6 | +1.7 | 11.1 | 0 | 2 | 26 | 02 | 0 | 16 | 9 | 0 | 0 | 1 | 0 | 3 | 0 |
| | 2330 | 897 | 1531.4 | 915.5 | .. | 19.6 | 17.4 | 16.1 | 18.3 | 86 | .. | 1.4 | .. | 12.5 | 0 | 3 | 27 | 01 | 1 | 24 | 3 | 1 | 0 | 0 | 0 | 1 | 0 |
| **Mysore** | 0830 | 767 | 1014.8 | 929.5 | +0.3 | 20.5 | 17.5 | 15.7 | 17.8 | 74 | - 1 | 2.8 | -0.2 | 4.8 | 0 | 0 | 31 | 03 | 4 | 0 | 2 | 11 | 8 | 1 | 2 | 0 | 0 |
| | 1730 | 767 | 1008.4 | 925.7 | -0.1 | 27.2 | 18.2 | 11.5 | 14.3 | 37 | + 7 | 3.1 | +0.2 | 6.8 | 0 | 0 | 31 | 02 | 8 | 4 | 8 | 2 | 4 | 0 | 3 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Calicut** | 0530 | 5 | 1011.8 | 1011.2 | .. | 23.8 | 22.3 | 21.6 | 25.6 | 87 | .. | 0.8 | .. | 5.1 | 0 | 0 | 26 | 00 | 3 | 21 | 2 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 0830 | 5 | 1013.6 | 1013.0 | +0.3 | 25.3 | 22.1 | 20.3 | 24.0 | 74 | + 0 | 1.8 | -1.0 | 5.0 | 0 | 0 | 28 | 00 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1130 | 5 | 1013.4 | 1012.8 | .. | 30.0 | 23.7 | 20.4 | 24.1 | 57 | .. | 1.9 | .. | 4.1 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 3 | 6 | 11 | 1 | 10 | 0 |
| | 1730 | 5 | 1010.1 | 1009.5 | +0.6 | 29.3 | 24.3 | 21.8 | 26.3 | 64 | + 0 | 3.0 | +0.5 | 7.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 1 | 8 | 22 | 0 | 0 |
| | 2330 | 5 | 1012.8 | 1012.2 | .. | 25.8 | 23.4 | 22.4 | 26.7 | 81 | .. | 0.9 | .. | 4.4 | 0 | 0 | 20 | 04 | 4 | 5 | 0 | 0 | 1 | 0 | 6 | 11 | 0 |
| **Palghat** | 0830 | 97 | 1014.0 | 1002.9 | +0.2 | 25.9 | 21.5 | 19.0 | 21.8 | 64 | - 3 | 1.9 | -0.4 | 10.1 | 0 | 1 | 28 | 00 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 97 | 1009.4 | 998.8 | +0.4 | 31.7 | 22.5 | 17.3 | 19.7 | 43 | + 2 | 3.0 | +0.4 | 8.4 | 0 | 0 | 30 | 00 | 0 | 24 | 0 | 0 | 2 | 4 | 0 | 1 | 0 |
| **Fort Cochin** | 0830 | 3 | 1013.6 | 1013.3 | +0.4 | 26.9 | 23.6 | 22.0 | 26.3 | 75 | + 7 | 5.3 | +1.9 | 5.1 | 0 | 0 | 31 | 00 | 17 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 3 | 1009.8 | 1009.5 | +0.6 | 28.7 | 25.5 | 24.1 | 29.8 | 76 | +12 | 5.3 | +2.1 | 9.0 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 0 | 1 | 16 | 13 | 0 | 0 |
| **Cochin (Naval Air Station)** | 0230 | 3 | 1011.9 | 1011.6 | .. | 24.6 | 23.1 | 22.4 | 26.9 | 87 | .. | 2.8 | .. | 1.1 | 0 | 0 | 7 | 00 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 3 | 1011.7 | 1011.4 | .. | 23.5 | 22.2 | 21.5 | 25.6 | 89 | .. | 2.5 | .. | 2.8 | 0 | 0 | 14 | 00 | 6 | 7 | 1 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 3 | 1013.6 | 1013.3 | .. | 25.6 | 22.6 | 21.0 | 25.0 | 76 | .. | 3.3 | .. | 4.3 | 0 | 0 | 22 | 03 | 11 | 8 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1130 | 3 | 1013.5 | 1013.2 | .. | 29.7 | 23.4 | 20.1 | 23.5 | 57 | .. | 3.0 | .. | 6.1 | 0 | 0 | 26 | 00 | 4 | 4 | 1 | 1 | 4 | 5 | 7 | 5 | 0 |
| | 1730 | 3 | 1009.8 | 1009.5 | .. | 29.3 | 24.2 | 21.7 | 25.9 | 62 | .. | 3.9 | .. | 13.9 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 0 | 5 | 20 | 5 | 0 | 0 |
| | 2330 | 3 | 1013.2 | 1012.9 | .. | 25.7 | 23.9 | 22.9 | 27.9 | 85 | .. | 3.9 | .. | 2.7 | 0 | 0 | 13 | 01 | 4 | 4 | 2 | 0 | 1 | 0 | 1 | 18 | 0 |
| **Alleppey** | 0830 | 4 | 1013.6 | 1013.2 | +0.9 | 26.1 | 23.2 | 21.7 | 26.1 | 77 | + 3 | 3.2 | -0.7 | 6.6 | 0 | 0 | 31 | 00 | 6 | 12 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 4 | 1009.7 | 1009.3 | +0.7 | 29.7 | 24.7 | 22.4 | 26.9 | 65 | - 3 | 3.1 | -0.4 | 18.7 | 0 | 15 | 16 | 01 | 0 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 0 |
| **Punalur** | 0830 | 34 | 1013.6 | 1009.7 | +0.8 | 23.7 | 21.6 | 20.4 | 24.1 | 82 | + 5 | 3.2 | -0.1 | 0.8 | 0 | 0 | 7 | 00 | 1 | 4 | 2 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 1730 | 34 | 1009.5 | 1005.7 | +0.8 | 31.9 | 23.5 | 19.1 | 22.1 | 47 | - 2 | 5.1 | +1.1 | 4.5 | 0 | 0 | 31 | 00 | 2 | 5 | 4 | 0 | 1 | 9 | 10 | 0 | 0 |
| **Trivandrum** | 0230 | 64 | 1011.4 | 1004.1 | .. | 24.3 | 22.6 | 21.7 | 25.9 | 86 | .. | 2.5 | .. | 2.4 | 0 | 0 | 15 | 00 | 12 | 1 | 0 | 1 | 0 | 1 | 0 | 16 | 0 |
| | 0530 | 64 | 1011.3 | 1003.9 | .. | 23.6 | 22.0 | 21.1 | 25.2 | 87 | .. | 2.0 | .. | 5.9 | 0 | 0 | 29 | 01 | 21 | 1 | 0 | 0 | 1 | 2 | 3 | 2 | 0 |
| | 0830 | 64 | 1013.3 | 1006.0 | +0.6 | 25.5 | 22.7 | 21.2 | 25.3 | 78 | + 1 | 3.0 | +0.4 | 3.9 | 0 | 0 | 26 | 01 | 12 | 8 | 2 | 1 | 0 | 0 | 2 | 5 | 0 |
| | 1130 | 64 | 1012.7 | 1005.5 | .. | 30.2 | 23.6 | 20.1 | 23.7 | 56 | .. | 3.8 | .. | 6.5 | 0 | 1 | 27 | 01 | 7 | 2 | 0 | 1 | 3 | 7 | 5 | 3 | 2 |
| | 1430 | 64 | 1009.9 | 1002.7 | .. | 30.4 | 24.1 | 20.9 | 24.9 | 57 | .. | 3.4 | .. | 10.1 | 0 | 1 | 30 | 00 | 2 | 0 | 1 | 0 | 10 | 9 | 7 | 0 | 2 |
| | 1730 | 64 | 1009.9 | 1002.7 | +0.5 | 28.9 | 24.1 | 21.8 | 26.3 | 66 | + 3 | 4.0 | +0.5 | 7.9 | 0 | 1 | 30 | 00 | 0 | 0 | 1 | 0 | 13 | 14 | 2 | 0 | 1 |
| | 2030 | 64 | 1012.3 | 1005.0 | .. | 26.7 | 23.7 | 22.2 | 26.9 | 77 | .. | 2.4 | .. | 4.1 | 0 | 0 | 25 | 05 | 1 | 0 | 0 | 0 | 3 | 6 | 10 | 6 | 0 |
| | 2330 | 64 | 1013.0 | 1005.6 | .. | 25.5 | 23.3 | 22.[illegible] | 26.7 | 82 | .. | 2.7 | .. | 4.1 | 0 | 0 | 23 | 07 | 7 | 2 | 1 | 0 | 0 | 1 | 5 | 9 | 0 |
| **Trivandrum Aerodrome** | 0830 | 8 | 1013.5 | 1012.7 | +1.1 | 26.3 | 22.8 | 20.9 | 25.0 | 73 | + 0 | 3.5 | -0.5 | 4.3 | 0 | 0 | 16 | 03 | 6 | 5 | 2 | 0 | 0 | 0 | 0 | 15 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Amini** | 0530 | 4 | 1011.0 | 1010.5 | .. | 25.0 | 22.7 | 21.4 | 25.6 | 81 | .. | 2.7 | .. | 6.6 | 0 | 3 | 21 | 12 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 0 |
| | 0830 | 4 | 1013.0 | 1012.5 | -0.1 | 26.2 | 23.3 | 21.9 | 26.3 | 78 | + 4 | 4.1 | +1.2 | 5.9 | 0 | 0 | 23 | 06 | 13 | 1 | 1 | 0 | 0 | 0 | 2 | 8 | 0 |
| | 1130 | 4 | 1013.3 | 1012.9 | .. | 29.6 | 24.3 | 21.8 | 25.9 | 63 | .. | 4.1 | .. | 9.1 | 0 | 1 | 30 | 11 | 10 | 7 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 1730 | 4 | 1010.1 | 1009.7 | .. | 28.6 | 24.0 | 21.8 | 26.1 | 67 | .. | 4.8 | .. | 6.9 | 0 | 1 | 26 | 11 | 9 | 5 | 0 | 0 | 0 | 0 | 2 | 4 | 0 |
| | 2330 | 4 | 1012.6 | 1012.1 | .. | 25.7 | 22.9 | 21.5 | 25.6 | 78 | .. | 2.6 | .. | 6.1 | 0 | 2 | 20 | 11 | 7 | 2 | 0 | 0 | 0 | 0 | 2 | 9 | [illegible] |
| **Agatti** | 0830 | 4 | 1013.0 | 1012.5 | .. | 27.4 | 23.8 | 22.0 | 26.6 | 73 | .. | 4.5 | .. | 4.6 | 0 | 0 | 29 | 16 | 8 | 3 | 1 | 0 | 0 | 0 | 1 | 2 | 0 |
| | 1730 | 4 | 1010.5 | 1010.1 | .. | 28.5 | 23.9 | 21.8 | 25.8 | 67 | .. | 5.1 | .. | [illegible] | 0 | 0 | 31 | 19 | 5 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ARABIAN SEA ISLANDS (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Androth | 0830 | 5 | 1012.7 | 1012.2 | .. | 27.8 | 24.3 | 22.8 | 27.6 | 73 | .. | 5.2 | .. | 5.7 | 0 | 0 | 30 | 07 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 7 |
| | 1730 | 5 | 1009.8 | 1009.3 | .. | 28.1 | 24.3 | 22.5 | 27.3 | 72 | .. | 5.4 | .. | 5.8 | 0 | 0 | 30 | 09 | 11 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 9 |
| Minicoy | 0530 | 2 | 1011.4 | 1011.2 | .. | 24.5 | 22.7 | 21.8 | 26.1 | 85 | .. | 2.7 | .. | 3.5 | 0 | 0 | 14 | 02 | 4 | 6 | 2 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 2 | 1013.4 | 1013.2 | +0.7 | 27.0 | 24.0 | 22.5 | 27.4 | 77 | - 2 | 3.2 | -0. | 4.5 | 0 | 0 | 20 | 07 | 6 | 5 | 1 | 0 | 0 | 0 | 1 | 11 | 0 |
| | 1130 | 2 | 1013.6 | 1013.4 | .. | 29.8 | 24.8 | 22.4 | 27.3 | 65 | .. | 3.7 | .. | 7.9 | 0 | 0 | 30 | 08 | 6 | 10 | 2 | 2 | 0 | 1 | 1 | 1 | 0 |
| | 1430 | 2 | 1011.1 | 1010.9 | .. | 29.8 | 24.8 | 22.4 | 27.3 | 65 | .. | 4.2 | .. | 7.9 | 0 | 0 | 29 | 08 | 8 | 7 | 1 | 0 | 0 | 1 | 4 | 2 | 0 |
| | 1730 | 2 | 1010.6 | 1010.4 | +0.7 | 28.6 | 24.3 | 22.2 | 26.9 | 68 | - 4 | 4.3 | +0.3 | 6.7 | 0 | 0 | 24 | 08 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 2030 | 2 | 1012.5 | 1012.3 | .. | 26.7 | 23.6 | 22.1 | 26.6 | 76 | .. | 3.2 | .. | 5.3 | 0 | 0 | 20 | 07 | 6 | 6 | 0 | 0 | 0 | 0 | 1 | 11 | 0 |
| | 2330 | 2 | 1013.2 | 1013.0 | .. | 25.7 | 23.2 | 21.9 | 26.3 | 80 | .. | 3.1 | .. | 4.1 | 0 | 0 | 16 | 05 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1475.1 | 802.2 | +2.7 | 7.8 | 4.5 | - 0.1 | 6.1 | 61 | - 6 | 0.9 | -2.3 | .. | . | .. | .. | 00 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 1959 | 1464.7 | 801.5 | +2.5 | 8.5 | 6.2 | 3.5 | 7.9 | 73 | - 1 | 0.6 | -3.2 | .. | . | .. | .. | 01 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 28 | 0 |
| Dharmsala | 0830 | 1211 | 1562.7 | 887.1 | +1.1 | 10.6 | 5.5 | - 2.0 | 5.2 | 42 | -20 | 2.9 | -0.7 | 1.0 | 0 | 0 | 16 | 03 | 6 | 0 | 0 | 0 | 0 | 1 | 6 | 16 | 0 |
| | 1730 | 1211 | 1562.1 | 886.4 | +1.2 | 14.8 | 8.5 | 0.5 | 6.3 | 38 | -25 | 3.2 | -1.1 | 2.1 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 26 | 3 | 0 | 1 | 0 |
| Bhuntar | 0830 | 1067 | 1531.2 | 897.5 | .. | 0.6 | - 0.2 | - 1.4 | 5.9 | 86 | .. | 2.2 | .. | 1.9 | 0 | 0 | 15 | 05 | 0 | 0 | 0 | 1 | 1 | 1 | 7 | 16 | 0 |
| | 1730 | 1067 | 1505.6 | 892.4 | .. | 14.3 | 7.3 | - 2.4 | 4.6 | 32 | .. | 2.5 | .. | 1.4 | 0 | 7 | 24 | 03 | 0 | 1 | 12 | 7 | 1 | 2 | 5 | 0 | 0 |
| Simla | 0830 | 2202 | 1525.5 | 783.6 | +1.9 | 6.7 | 1.4 | - 8.5 | 3.2 | 35 | -13 | 1.4 | -2.3 | 0.5 | 0 | 0 | 8 | 1 | 3 | 0 | 1 | 2 | 1 | 0 | 0 | 23 | 0 |
| | 1730 | 2202 | 1517.8 | 783.0 | +1.9 | 7.1 | 3.5 | - 2.1 | 5.5 | 53 | - 9 | 1.9 | -2.7 | 0.4 | 0 | 0 | 6 | 01 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 25 | 0 |
| Lokpal | 0830 | | .. | .. | .. | - 9.2 | -12.9 | -29.9 | 0.4 | 15 | -54 | 0.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | .. | .. | 4.9 | 0.3 | - 8.1 | 3.1 | 40 | - 7 | 0.7 | -2.1 | 5.6 | 0 | 0 | 31 | 00 | 2 | 18 | 8 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 11.6 | 4.9 | - 4.5 | 4.2 | 33 | -14 | 2.1 | -1.3 | 4.1 | 0 | 0 | 31 | 02 | 0 | 6 | 2 | 4 | 4 | 10 | 3 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1515.9 | 798.2 | +0.0 | 7.2 | 2.8 | - 3.8 | 4.5 | 49 | - 9 | 1.0 | -2.9 | 1.1 | 0 | 0 | 9 | 03 | 0 | 0 | 1 | 1 | 1 | 0 | 3 | 22 | 0 |
| | 1730 | 2042 | 1505.7 | 797.2 | +0.0 | 7.9 | 4.7 | 1.2 | 6.7 | 63 | - 9 | 1.8 | -2.8 | 3.4 | 0 | 0 | 28 | 06 | 5 | 0 | 5 | 9 | 3 | 0 | 0 | 3 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3129.2 | 774.3 | +1.8 | 5.9 | 1.1 | - 8.5 | 3.3 | 42 | - 8 | 1.3 | -1.6 | 8.9 | 0 | 2 | 23 | 00 | 5 | 7 | 1 | 1 | 2 | 5 | 4 | 6 | 0 |
| | 1730 | 2311 | 3118.3 | 773.3 | +1.9 | 6.9 | 3.4 | - 2.0 | 5.5 | 58 | - 4 | 1.6 | -3.4 | 7.9 | 0 | 0 | 27 | 01 | 2 | 0 | 0 | 1 | 7 | 11 | 5 | 4 | 0 |
| Nainital | 0830 | 1953 | 1525.7 | 807.2 | +1.6 | 4.8 | 0.9 | - 6.4 | 9.0 | 49 | -17 | 1.2 | -2.0 | 2.1 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 0 | 0 | 8 | 6 | 17 | 0 |
| | 1730 | 1953 | 1504.5 | 805.3 | +1.1 | 6.8 | 4.0 | 0.6 | 6.4 | 69 | - 4 | 2.3 | -1.2 | 2.8 | 0 | 0 | 31 | 01 | 0 | 0 | 1 | 5 | 3 | 19 | 2 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1526.6 | 883.1 | +1.7 | 11.9 | 9.5 | 7.2 | 10.1 | 73 | - 5 | 0.4 | -2.7 | 6.6 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 3 | 0 | 27 | 0 | 0 |
| | 1730 | 1209 | 1490.8 | 879.0 | +0.0 | 12.3 | 9.8 | 7.4 | 10.3 | 72 | - 7 | 0.6 | -2.7 | 5.5 | 0 | 0 | 31 | 00 | 0 | 0 | 24 | 0 | 6 | 0 | 1 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1562.0 | 794.3 | +2.3 | 7.4 | 5.6 | 3.7 | 8.0 | 78 | + 9 | 3.7 | +0.0 | 1.0 | 0 | 0 | 10 | 06 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 21 | 0 |
| | 1730 | 2128 | 1532.5 | 791.4 | +1.5 | 6.8 | 5.9 | 5.0 | 8.7 | 88 | + 6 | 5.0 | +0.0 | 0.5 | 0 | 0 | 4 | 01 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 27 | 0 |
| Kohima | 0830 | 1405 | 1582.0 | 868.2 | +3.4 | 11.6 | 10.5 | 9.5 | 11.9 | 87 | +20 | 1.8 | -0.8 | 2.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| | 1630 | 1405 | 1541.7 | 864.0 | +0.9 | 11.0 | 11.0 | 10.3 | 12.5 | 91 | + 8 | 3.6 | +0.5 | 2.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| Shillong | 0830 | 1500 | 1550.2 | 855.3 | +2.8 | 13.2 | 9.3 | 5.3 | 8.9 | 62 | - 3 | 2.9 | +1.3 | 3.1 | 0 | 0 | 9 | 01 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 22 | 0 |
| | 1730 | 1500 | 1513.1 | 851.6 | +1.4 | 12.5 | 10.9 | 9.5 | 11.9 | 83 | + 0 | 7.1 | +1.3 | 0.9 | 0 | 0 | 5 | 03 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 26 | 0 |
| Cherrapunji | 0830 | 1313 | 1535.9 | 872.7 | +1.0 | 13.2 | 10.0 | 6.9 | 9.9 | 66 | + 3 | 2.1 | +0.3 | 3.4 | 0 | 0 | 28 | 00 | 14 | 1 | 4 | 0 | 4 | 0 | 5 | 3 | 0 |
| | 1730 | 1313 | 1513.0 | 870.5 | +1.2 | 12.1 | 10.5 | 9.1 | 11.5 | 82 | + 2 | 3.0 | -0.1 | 2.1 | 0 | 0 | 19 | 00 | 3 | 0 | 1 | 0 | 14 | 0 | 1 | 12 | 0 |
| Abu | 0830 | 1195 | 1512.4 | 883.1 | -0.7 | 11.7 | 7.4 | 2.4 | 7.2 | 52 | + 4 | 1.0 | -0.5 | 0.0 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 1730 | 1195 | 1511.6 | 882.2 | -0.2 | 18.0 | 10.6 | 2.6 | 7.4 | 36 | - 4 | 1.0 | -0.5 | 1.0 | 0 | 0 | 10 | 04 | 2 | 0 | 0 | 2 | 0 | 0 | 2 | 21 | 0 |
| Aijal | 0830 | | .. | .. | .. | 17.8 | 13.4 | 9.9 | 12.2 | 58 | - 9 | 2.3 | +1.0 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.7 | 13.6 | 9.5 | 11.9 | 53 | -19 | 2.2 | +0.8 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pachmarhi | 0830 | 1075 | 1540.0 | 898.5 | +0.7 | 13.3 | 9.6 | 5.7 | 9.3 | 62 | - 3 | 2.2 | -0.5 | 0.9 | 0 | 0 | 9 | 00 | 1 | 3 | 1 | 2 | 1 | 1 | 0 | 22 | 0 |
| | 1730 | 1075 | 1526.5 | 896.1 | +0.6 | 19.4 | 12.1 | 4.5 | 8.8 | 40 | - 9 | 2.7 | +0.0 | 2.4 | 0 | 0 | 28 | 05 | 10 | 1 | 1 | 0 | 0 | 1 | 10 | 3 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1533.0 | 865.5 | +0.1 | 14.6 | 10.3 | 5.2 | 9.4 | 57 | + 3 | 1.4 | +0.1 | 9.7 | 0 | 0 | 31 | 00 | 11 | 0 | 11 | 1 | 6 | 0 | 2 | 0 | 0 |
| | 1730 | 1382 | 1519.0 | 863.8 | +0.4 | 21.7 | 14.3 | 7.9 | 10.8 | 42 | - 7 | 1.5 | +0.0 | 9.4 | 0 | 0 | 31 | 00 | 11 | 0 | 9 | 0 | 4 | 1 | 6 | 0 | 0 |
| Mercara | 0830 | 1152 | 1527.8 | 888.2 | +0.4 | 17.0 | 15.5 | 14.4 | 16.5 | 85 | - 6 | 2.1 | -0.6 | 10.6 | 0 | 1 | 30 | 20 | 4 | 5 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 1152 | 1512.2 | 886.0 | +0.5 | 23.6 | 18.2 | 14.6 | 16.9 | 59 | + 4 | 3.1 | +0.4 | 7.2 | 0 | 0 | 30 | 05 | 6 | 7 | 0 | 0 | 0 | 5 | 7 | 1 | 0 |
| Ootacamund | 0830 | 2249 | 1542.3 | 782.1 | +1.3 | 12.3 | 8.8 | 6.3 | 9.1 | 74 | + 7 | 1.8 | +0.0 | 0.4 | 0 | 0 | 5 | 00 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1730 | 2249 | 1502.1 | 779.4 | +0.1 | 15.1 | 12.7 | 10.5 | 13.2 | 75 | + 9 | 4.3 | +1.1 | 2.0 | 0 | 0 | 23 | 00 | 6 | 13 | 4 | 0 | 0 | 0 | 0 | 8 | 0 |
| Coonoor | 0830 | 1747 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Kodaikanal | 0830 | 2343 | 3167.0 | 773.2 | +0.7 | 12.6 | 9.4 | 5.3 | 9.7 | 69 | +10 | 4.0 | +1.1 | 11.3 | 0 | 3 | 27 | 04 | 5 | 10 | 7 | 1 | 0 | 1 | 2 | 1 | 0 |
| | 1130 | 2343 | 3176.1 | 773.3 | .. | 15.3 | 11.5 | 7.7 | 11.1 | 66 | .. | 4.5 | .. | 12.4 | 0 | 5 | 26 | 02 | 9 | 7 | 10 | 1 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 2343 | 3149.7 | 771.5 | +0.5 | 12.9 | 11.4 | 10.2 | 12.5 | 85 | + 6 | 5.8 | +0.8 | 8.3 | 0 | 2 | 25 | 04 | 6 | 3 | 6 | 1 | 0 | 2 | 5 | 4 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1536.5 | 872.5 | +0.2 | 5.1 | 4.7 | 4.2 | 8.3 | 94 | + 6 | 6.4 | +1.0 | 0.9 | 0 | 0 | 9 | 02 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 22 | 0 |
| | 1130 | 1324 | 1534.3 | 871.7 | .. | 13.3 | 9.7 | 6.1 | 9.4 | 62 | .. | 2.6 | .. | 1.5 | 0 | 0 | 16 | 00 | 6 | 4 | 1 | 1 | 1 | 0 | 3 | 15 | 0 |
| | 1730 | 1324 | 1512.6 | 869.4 | +0.1 | 12.5 | 9.5 | 6.6 | 9.7 | 67 | + 0 | 2.9 | +0.0 | 0.9 | 0 | 0 | 7 | 05 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 2.7 | 1.1 | -2.3 | 5.1 | 76 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 15.7 | 12.5 | 9.3 | 11.7 | 68 | .. | 2.0 | .. | 4.8 | 0 | 0 | 19 | 01 | 0 | 2 | 2 | 0 | 4 | 4 | 6 | 12 | 0 |
| | 1730 | | .. | .. | .. | 18.7 | 13.1 | 7.3 | 10.2 | 51 | .. | 1.9 | .. | 2.6 | 0 | 0 | 18 | 01 | 1 | 2 | 1 | 0 | 0 | 2 | 11 | 13 | 0 |
| Hazaribagh | 0830 | 615 | 1018.4 | 947.7 | .. | 14.9 | 11.9 | 9.2 | 11.6 | 70 | .. | 2.5 | .. | 2.8 | 0 | 0 | 15 | 00 | 0 | 1 | 1 | 1 | 0 | 4 | 8 | 16 | 0 |
| | 1730 | 615 | 1015.2 | 945.0 | .. | 16.3 | 12.7 | 9.6 | 11.9 | 66 | .. | 2.5 | .. | 2.8 | 0 | 0 | 17 | 02 | 1 | 0 | 0 | 0 | 0 | 6 | 8 | 14 | 0 |
| Konar | 0830 | | .. | .. | .. | 18.3 | 14.1 | 10.5 | 12.7 | 61 | .. | 0.4 | .. | 3.5 | 0 | 0 | 31 | 00 | 2 | 8 | 6 | 0 | 0 | 5 | 10 | 0 | 0 |
| | 1730 | | .. | .. | .. | 21.0 | 16.5 | 12.8 | 14.8 | 60 | .. | 0.1 | .. | 4.6 | 0 | 0 | 31 | 00 | 2 | 8 | 7 | 0 | 0 | 4 | 10 | 0 | 0 |
| Bokaro | 0830 | 242 | 1018.5 | 990.0 | .. | 14.6 | 12.2 | 9.9 | 12.2 | 74 | .. | 1.5 | .. | 3.6 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 1 | 7 | 10 | 6 | 5 | 0 |
| | 1730 | 242 | 1014.5 | 986.4 | .. | 18.5 | 15.0 | 12.2 | 14.2 | 67 | .. | 1.5 | .. | 3.4 | 0 | 0 | 27 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 5 | 4 | 0 |
| Maithon | 0830 | | .. | .. | .. | 20.9 | 15.0 | 10.0 | 12.3 | 51 | .. | 2.3 | .. | .. | . | .. | .. | 04 | 3 | 1 | 3 | 1 | 1 | 1 | 17 | 0 | 0 |
| | 1730 | | .. | .. | .. | 22.7 | 15.7 | 9.9 | 12.2 | 46 | .. | 2.5 | .. | .. | . | .. | .. | 02 | 10 | 0 | 0 | 0 | 0 | 1 | 18 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 13.2 | 11.4 | 9.7 | 12.0 | 81 | .. | 1.8 | .. | 6.1 | 0 | 0 | 29 | 05 | 0 | 1 | 0 | 2 | 3 | 17 | 1 | 2 | 0 |
| | 1730 | | .. | .. | .. | 20.1 | 14.8 | 10.0 | 12.5 | 55 | .. | 1.8 | .. | 4.1 | 0 | 0 | 23 | 05 | 0 | 4 | 1 | 2 | 0 | 6 | 5 | 8 | 0 |
| Panchet Hills | 0830 | | .. | .. | .. | 15.7 | 13.5 | 11.7 | 13.7 | 78 | .. | 2.1 | .. | 2.8 | 0 | 0 | 16 | 00 | 1 | 0 | 0 | 0 | 9 | 0 | 6 | 15 | 0 |
| | 1730 | | .. | .. | .. | 21.0 | 15.1 | 9.8 | 12.3 | 51 | .. | 2.2 | .. | 0.8 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 6 | 24 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 16.6 | 13.9 | 11.6 | 13.7 | 73 | .. | 3.1 | .. | 4.7 | 0 | 0 | 26 | 05 | 1 | 0 | 0 | 1 | 0 | 0 | 19 | 5 | 0 |
| | 1730 | | .. | .. | .. | 21.8 | 15.2 | 9.6 | 11.5 | 47 | .. | 2.5 | .. | 3.8 | 0 | 0 | 25 | 05 | 2 | 0 | 1 | 1 | 0 | 0 | 16 | 6 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 13.8 | 11.2 | 8.6 | 11.4 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1018.4 | 999.8 | .. | 18.4 | 15.3 | 12.8 | 14.8 | 70 | .. | 3.3 | .. | 2.9 | 0 | 0 | 25 | 09 | 6 | 5 | 0 | 0 | 0 | 0 | 3 | 6 | 2 |
| | 1130 | 159 | 1017.4 | 999.2 | .. | 23.3 | 17.1 | 12.5 | 14.5 | 52 | .. | 2.7 | .. | 2.6 | 0 | 0 | 27 | 07 | 8 | 3 | 0 | 0 | 1 | 1 | 7 | 4 | 0 |
| | 1730 | 159 | 1014.3 | 996.1 | .. | 23.1 | 17.1 | 12.5 | 14.5 | 53 | .. | 3.4 | .. | 0.6 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 15.6 | 13.8 | 12.3 | 14.3 | 81 | .. | 3.1 | .. | 1.0 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 0 |
| | 1730 | | .. | .. | .. | 21.7 | 16.4 | 12.4 | 14.4 | 53 | .. | 3.5 | .. | 0.1 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 19.7 | 18.5 | 17.7 | 20.2 | 87 | .. | . | .. | 1.4 | 0 | 0 | 14 | 01 | 0 | 7 | 0 | 2 | 0 | 4 | 0 | 17 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 17.5 | 13.8 | 10.3 | 12.8 | 63 | .. | 6.1 | .. | 3.9 | 0 | 0 | 27 | 03 | 2 | 1 | 15 | 3 | 0 | 2 | 1 | 4 | 0 |
| | 1730 | | .. | .. | .. | 23.9 | 15.7 | 7.9 | 11.2 | 40 | .. | 6.5 | .. | 6.5 | 0 | 0 | 31 | 05 | 7 | 1 | 2 | 2 | 4 | 1 | 9 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 14.8 | 10.6 | 5.9 | 9.4 | 56 | .. | 1.6[a] | .. | 10.1[a] | 0 | 1 | 26 | 01 | 16 | 2 | 0 | 1 | 4 | 3 | 0 | 3 | 0 |
| | 1730 | | .. | .. | .. | 24.0 | 15.4 | 7.1 | 10.6 | 37 | .. | 2.2[a] | .. | 8.0[a] | 0 | 0 | 27 | 00 | 18 | 5 | 0 | 0 | 2 | 0 | 2 | 3 | 0 |
| Punasa | 0830 | | .. | .. | .. | 20.3 | 12.2 | 2.6 | 7.7 | 33 | .. | 2.6 | .. | 8.0 | 0 | 0 | 31 | 02 | 14 | 8 | 0 | 1 | 1 | 5 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 29.1 | 15.2 | 0.7 | 5.6 | 17 | .. | 2.6 | .. | 8.6 | 0 | 0 | 31 | 05 | 10 | 10 | 1 | 4 | 0 | 1 | 0 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 19.2 | 13.1 | 7.0 | 10.2 | 47 | .. | 0.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 15.1 | 12.0 | 9.0 | 11.5 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 26.9 | 16.8 | 8.0 | 10.9 | 31 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | - 0.4 | - | - | - | - | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 5.2 | 2.4[a] | - 1.3[a] | 5.5[a] | 65[a] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 11.1 | 8.5 | 5.7 | 9.3 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.9 | 12.6 | 9.9 | 12.2 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tisure | 0830 | | .. | .. | .. | 6.4 | 1.8 | - 6.5 | 3.9 | 44 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 10.6 | 6.7 | 2.6 | 7.4 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 11.7 | 9.5 | 7.3 | 10.3 | 75 | .. | 2.5 | .. | 1.7 | 0 | 0 | 17 | 09 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 14 | 0 |
| | 1130 | | .. | .. | .. | 17.0 | 12.1 | 7.7 | 10.5 | 55 | .. | 2.5 | .. | 3.0 | 0 | 0 | 22 | 00 | 0 | 0 | 10 | 6 | 5 | 0 | 0 | 9 | 1 |
| | 1730 | | .. | .. | .. | 16.3 | 12.3 | 8.9 | 11.4 | 62 | .. | 2.3 | .. | 0.8 | 0 | 0 | 11 | 00 | 0 | 2 | 9 | 0 | 0 | 0 | 0 | 20 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 12.3 | 9.9 | 7.6 | 10.5 | 74 | .. | 2.3 | .. | .. | . | .. | .. | 03 | 3 | 2 | 0 | 0 | 7 | 2 | 0 | 14 | 0 |
| | 1130 | | .. | .. | .. | 15.5 | 12.3 | 9.5 | 11.9 | 68 | .. | 2.5 | .. | .. | . | .. | .. | 00 | 1 | 0 | 3 | 1 | 21 | 4 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 13.8 | 10.7 | 7.9 | 10.7 | 68 | .. | 1.7 | .. | .. | . | .. | .. | 00 | 0 | 1 | 1 | 2 | 6 | 5 | 4 | 12 | 0 |
| Nawakot | 0830 | | .. | .. | .. | 11.8 | 10.0 | 8.4 | 11.0 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.5 | 12.5 | 10.1 | 12.5 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 10.2 | 7.3 | 4.0 | 8.3 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 11.9 | 8.6 | 5.1 | 8.9 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | .. | .. | .. | 8.5 | 3.9 | - 2.6 | 5.1 | 48 | .. | 1.1 | .. | 5.4 | 0 | 0 | 28 | 00 | 0 | 4 | 16 | 5 | 1 | 2 | 0 | 3 | 0 |
| | 1130 | | .. | .. | .. | 11.1 | 5.8 | - 0.7 | 5.9 | 46 | .. | 1.6 | .. | 5.0 | 0 | 0 | 28 | 08 | 6 | 1 | 1 | 1 | 0 | 2 | 9 | 3 | 0 |
| | 1730 | | .. | .. | .. | 8.8 | 5.2 | 0.7 | 6.5 | 59 | .. | 1.7 | .. | 4.2 | 0 | 0 | 28 | 01 | 0 | 0 | 1 | 3 | 5 | 1 | 17 | | |
| Sallyana | 0830 | | .. | .. | .. | 9.9 | 6.6 | 2.4 | 7.3 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.1 | 9.1 | 4.8 | 8.7 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JANUARY 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GHAGHARA CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Butwal | 0830 | | .. | .. | .. | 16.7 | 12.8 | 9.3 | 11.8 | 62 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.8 | 15.3 | 12.5 | 14.6 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **RAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | See | under | Nepal | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | .. | .. | .. | 9.7 | 6.9 | 4.2 | 8.2 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.6 | 10.0 | 7.2 | 10.3 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830 | | .. | .. | .. | 1.6 | .. | .. | | .. | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 0.8 | .. | .. | .. | .. | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 11.0 | 7.4 | 3.1 | 7.8 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.2 | 9.2 | 5.1 | 8.8 | 58 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 12.5 | 9.1 | 6.0 | 9.3 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 9.9 | 8.5 | 7.3 | 10.2 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 6.7 | 5.1 | 3.3 | 7.8 | 80 | .. | 3.1 | .. | 1.2 | . | .. | .. | 01 | 0 | 0 | 1 | 5 | 1 | 1 | 0 | 22 | 0 |
| | 1130 | | .. | .. | .. | 12.4 | 8.8 | 5.4 | 9.0 | 63 | .. | 3.4 | .. | .. | . | .. | .. | 04 | 3 | 0 | 0 | 9 | 2 | 5 | 3 | 5 | 0 |
| | 1730 | | .. | .. | .. | 10.5 | 7.5 | 4.3 | 8.4 | 66 | .. | 4.3 | .. | 4.2 | . | .. | .. | 02 | 1 | 0 | 1 | 13 | 2 | 0 | 1 | 11 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 9.1 | 6.7 | 4.2 | 8.3 | 73 | .. | 2.3 | .. | 1.3 | 0 | 0 | 11 | 01 | 0 | 0 | 1 | 1 | 4 | 1 | 2 | 20 | 1 |
| | 1130 | | .. | .. | .. | 12.6 | 8.5 | 4.5 | 8.5 | 59 | .. | 2.7 | .. | 2.0 | 0 | 0 | 18 | 00 | 0 | 0 | 1 | 3 | 5 | 5 | 2 | 13 | 2 |
| | 1730 | | .. | .. | .. | 9.2 | 7.6 | 6.0 | 9.4 | 81 | .. | 3.5 | .. | 1.8 | 0 | 0 | 17 | 00 | 0 | 0 | 1 | 0 | 1 | 13 | 2 | 14 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 11.7 | 9.0 | 6.3 | 9.6 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.2 | 10.2 | 7.4 | 10.3 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | | .. | .. | .. | 15.1 | 10.9 | 6.8 | 10.0 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.3 | 10.8 | 6.2 | 9.8 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1019.4 | 1002.1 | .. | 14.5 | 12.7 | 11.1 | 13.0 | 80 | .. | 2.2 | .. | 3.4 | 0 | 0 | 26 | 00 | 2 | 8 | 8 | 1 | 6 | 0 | 1 | 5 | 0 |
| | 1130 | 146 | 1017.6 | 1000.7 | .. | 20.7 | 15.9 | 12.1 | 14.2 | 59 | .. | 3.0 | .. | 2.3 | 0 | 0 | 20 | 00 | 0 | 1 | 0 | 3 | 12 | 2 | 1 | 11 | 1 |
| | 1730 | 146 | 1015.2 | 998.1 | .. | 17.6 | 15.3 | 13.7 | 15.7 | 78 | .. | 2.7 | .. | 2.9 | 0 | 0 | 27 | 00 | 0 | 14 | 9 | 1 | 1 | 0 | 0 | 4 | 2 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1536.4 | 822.4 | .. | 7.3 | 5.4 | 3.0 | 7.7 | 75 | .. | 2.7 | .. | 0.6 | 0 | 0 | 5 | 01 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1130 | 1812 | 1526.3 | 821.9 | .. | 12.5 | 8.9 | 5.6 | 9.1 | 64 | .. | 3.6 | .. | 2.6 | 0 | 0 | 23 | 01 | 0 | 0 | 1 | 2 | 15 | 3 | 0 | 8 | 1 |
| | 1730 | 1812 | 1507.7 | 820.0 | .. | 10.3 | 8.0 | 5.7 | 9.2 | 74 | .. | 4.7 | .. | 0.9 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 6 | 2 | 0 | 0 | 22 | 0 |
| Gezing | 0830 | | .. | .. | .. | 10.4 | 8.1 | 5.9 | 9.3 | 74 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 10.9 | 9.1 | 7.5 | 10.4 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 54 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 14 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. above mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0 and 36.0 km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30.0 km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS

| S. No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of opening ** | Approximate times of flight (I. S. T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | | 15th May. 1968 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 03 | 88 16 | 2115 | 1st Jun. 1963 | 0830 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 38. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 39. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 40. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 41. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 42. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | |
| 43. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 44. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 45. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 46. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 47. | Srinagar | 34 06 | 74 48 | 1588 | 1st Aug. 1962 | 0530* | | 1730* | |
| 48. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 49. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 50. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 51. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 52. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 53. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 54. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radiowind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

SG/

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### JANUARY, 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMEDABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.5 | 00.3 | 343 | 31 | 01.4 | 00.9 | 304 | 31 | 00.8 | 00.6 | 323 | 31 | 02.3 | 01.9 | 053 | 31 | 03.4 | 03.0 | 057 | 31 | 02.4 | 01.4 | 027 |
| .15 A.G.L. | 26 | 03.4 | 02.5 | 008 | 30 | 03.3 | 02.3 | 319 | 31 | 04.4 | 03.2 | 328 | 31 | 08.6 | 07.2 | 053 | 31 | 04.5 | 03.7 | 077 | 31 | 03.6 | 02.3 | 026 |
| .3A.M.S.L. | 26 | 03.6 | 02.8 | 003 | 30 | 03.3 | 02.3 | 332 | 31 | 04.1 | 03.2 | 327 | 31 | 08.5 | 06.9 | 055 | 31 | 04.7 | 03.8 | 084 | 31 | 03.6 | 02.2 | 029 |
| .6 ,, | 26 | 03.5 | 02.3 | 017 | 30 | 02.9 | 01.9 | 327 | 31 | 03.5 | 02.6 | 325 | 31 | 07.9 | 05.5 | 064 | 31 | 04.9 | 03.5 | 087 | 31 | 03.9 | 02.3 | 032 |
| .9 ,, | 26 | 03.3 | 01.7 | 014 | 30 | 02.7 | 01.2 | 346 | 30 | 03.0 | 01.4 | 333 | 31 | 06.2 | 03.8 | 055 | 31 | 04.5 | 02.3 | 074 | 31 | 03.9 | 02.2 | 033 |
| 1.5 ,, | 26 | 04.3 | 01.5 | 286 | 30 | 03.7 | 01.5 | 286 | 30 | 04.0 | 01.3 | 290 | 31 | 04.5 | 00.5 | 301 | 31 | 03.5 | 00.5 | 075 | 31 | 04.0 | 01.2 | 046 |
| 2.1 ,, | 25 | 05.9 | 04.9 | 283 | 29 | 05.8 | 04.8 | 279 | 28 | 05.3 | 03.8 | 287 | 31 | 04.5 | 01.5 | 244 | 31 | 04.3 | 01.0 | 222 | 31 | 04.5 | 01.2 | 014 |
| 3.0 ,, | 22 | 10.2 | 09.5 | 271 | 27 | 09.2 | 08.8 | 280 | 28 | 09.9 | 08.1 | 283 | 31 | 06.6 | 04.0 | 247 | 30 | 06.9 | 03.1 | 275 | 31 | 05.5 | 02.5 | 292 |
| 3.6 ,, | 14 | 11.7 | 10.8 | 275 | 24 | 12.0 | 11.4 | 276 | 06 | 12.0 | 12.0 | 283 | 31 | 08.4 | 06.0 | 258 | 30 | 08.6 | 05.5 | 268 | 31 | 08.3 | 05.0 | 267 |
| 4.5 ,, | 09 | 14.8 | 13.5 | 274 | 22 | 16.2 | 15.7 | 268 | 03 | 20.0 | 19.6 | 269 | 31 | 10.7 | 09.3 | 262 | 30 | 11.8 | 09.5 | 268 | 31 | 11.2 | 08.8 | 268 |
| 5.4 ,, | 05 | 21.4 | 21.1 | 275 | 19 | 21.0 | 20.5 | 267 | 01 | 26.0 | 26.0 | 255 | 31 | 14.8 | 13.5 | 265 | 29 | 15.1 | 13.4 | 268 | 31 | 14.8 | 13.2 | 270 |
| 6.0 ,, | 03 | 24.0 | 23.9 | 269 | 17 | 24.1 | 23.6 | 264 | | | | | 31 | 17.0 | 15.7 | 265 | 28 | 18.6 | 17.0 | 268 | 31 | 17.7 | 15.6 | 268 |
| 7.2 ,, | 01 | 33.0 | 33.0 | 255 | 08 | 28.5 | 28.1 | 262 | | | | | 31 | 23.2 | 21.5 | 261 | 26 | 24.4 | 23.2 | 267 | 31 | 23.0 | 21.3 | 268 |
| 9.0 ,, | 01 | 59.0 | 59.0 | 225 | 02 | 38.5 | 35.3 | 245 | | | | | 30 | 30.7 | 29.7 | 260 | 15 | 30.9 | 29.7 | 267 | 29 | 29.0 | 27.5 | 261 |

| STATION | AHMEDABAD | | | | ALLAHABAD/BAMRAULI | | | | | | | | | | | | | | | | AMBALA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 01.0 | 027 | 31 | 00.2 | 00.1 | 355 | 31 | 00.5 | 00.1 | 122 | 31 | 01.1 | 00.6 | 303 | 31 | 00.2 | 00.1 | 045 | 31 | 01.0 | 00.2 | 322 |
| .15 A.G.L. | 31 | 07.0 | 05.3 | 027 | 31 | 05.0 | 01.5 | 355 | 31 | 02.9 | 00.8 | 265 | 31 | 04.1 | 02.4 | 315 | 31 | 04.8 | 02.0 | 354 | 28 | 06.6 | 03.9 | 339 |
| .3A.M.S.L. | 31 | 06.8 | 05.1 | 030 | 31 | 05.0 | 01.5 | 355 | 31 | 03.4 | 00.4 | 230 | 31 | 04.1 | 02.4 | 315 | 31 | 04.9 | 02.1 | 352 | 28 | 02.6 | 00.9 | 349 |
| .6 ,, | 31 | 05.8 | 04.3 | 033 | 31 | 04.7 | 01.9 | 350 | 31 | 04.2 | 01.8 | 287 | 31 | 03.5 | 02.6 | 309 | 31 | 04.6 | 02.1 | 326 | 28 | 06.7 | 04.3 | 333 |
| .9 ,, | 31 | 05.1 | 03.4 | 041 | 31 | 05.0 | 02.4 | 340 | 31 | 04.5 | 02.2 | 304 | 31 | 03.6 | 01.7 | 324 | 31 | 04.9 | 02.4 | 300 | 28 | 06.3 | 04.1 | 330 |
| 1.5 ,, | 31 | 04.4 | 01.8 | 094 | 31 | 05.8 | 03.9 | 300 | 29 | 05.9 | 04.1 | 310 | 31 | 04.9 | 03.3 | 306 | 30 | 06.2 | 04.8 | 291 | 28 | 05.5 | 03.8 | 318 |
| 2.1 ,, | 31 | 05.1 | 01.0 | 150 | 31 | 06.6 | 05.3 | 295 | 28 | 06.8 | 05.6 | 301 | 31 | 06.3 | 03.5 | 304 | 30 | 06.7 | 05.8 | 295 | 28 | 05.7 | 03.3 | 315 |
| 3.0 ,, | 31 | 05.9 | 01.4 | 226 | 31 | 08.4 | 07.5 | 290 | 28 | 09.0 | 08.1 | 290 | 31 | 08.6 | 06.8 | 304 | 24 | 08.1 | 07.0 | 284 | 27 | 05.6 | 02.8 | 309 |
| 3.6 ,, | 13 | 07.6 | 04.4 | 248 | 31 | 10.6 | 09.5 | 280 | 28 | 10.6 | 09.5 | 285 | 31 | 10.6 | 09.2 | 276 | 10 | 08.7 | 07.1 | 275 | 27 | 06.6 | 03.0 | 297 |
| 4.5 ,, | 02 | 12.0 | 11.1 | 264 | 31 | 13.6 | 11.9 | 270 | 26 | 14.1 | 12.9 | 285 | 31 | 12.3 | 10.6 | 270 | | | | | 26 | 08.3 | 06.1 | 296 |
| 5.4 ,, | | | | | 31 | 16.5 | 15.2 | 270 | 25 | 18.6 | 17.4 | 279 | 31 | 16.1 | 13.2 | 266 | | | | | 25 | 11.2 | 09.5 | 291 |
| 6.0 ,, | | | | | 31 | 19.8 | 18.1 | 270 | 25 | 21.1 | 19.9 | 276 | 31 | 19.5 | 16.1 | 264 | | | | | 24 | 13.3 | 12.5 | 291 |
| 7.2 ,, | | | | | 31 | 24.9 | 23.2 | 265 | 18 | 27.8 | 26.0 | 272 | 31 | 25.2 | 22.9 | 264 | | | | | 20 | 17.0 | 15.2 | 292 |
| 9.0 ,, | | | | | 31 | 33.0 | 31.8 | 260 | 05 | 37.6 | 36.5 | 266 | 31 | 34.8 | 31.9 | 262 | | | | | 08 | 24.0 | 19.6 | 283 |

| STATION | AMBALA | | | | | | | | | | | | AMINI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.5 | 330 | 31 | 02.1 | 01.7 | 308 | 31 | 01.9 | 01.2 | 333 | 31 | 02.0 | 01.6 | 004 | 31 | 02.4 | 02.0 | 004 | 31 | 02.2 | 01.8 | 006 |
| .15 A.G.L. | 29 | 03.9 | 02.5 | 326 | 29 | 04.8 | 03.9 | 301 | 28 | 07.4 | 05.4 | 348 | 31 | 04.5 | 03.9 | 007 | 31 | 04.5 | 03.8 | 015 | 31 | 04.6 | 04.1 | 015 |
| .3A.M.S.L. | 29 | 01.9 | 01.0 | 337 | 29 | 03.0 | 02.3 | 301 | 28 | 03.6 | 02.8 | 333 | 31 | 04.5 | 03.8 | 011 | 31 | 04.8 | 04.1 | 019 | 31 | 04.3 | 03.7 | 017 |
| .6 ,, | 29 | 04.9 | 03.0 | 324 | 29 | 05.4 | 04.1 | 302 | 28 | 06.4 | 05.7 | 328 | 31 | 04.5 | 03.3 | 024 | 31 | 04.3 | 03.5 | 025 | 31 | 04.2 | 03.5 | 023 |
| .9 ,, | 29 | 05.2 | 03.6 | 318 | 29 | 05.3 | 04.2 | 310 | 28 | 05.3 | 04.5 | 327 | 31 | 04.3 | 02.7 | 051 | 31 | 03.5 | 02.4 | 047 | 31 | 04.1 | 02.8 | 040 |
| 1.5 ,, | 29 | 05.2 | 03.5 | 315 | 29 | 05.8 | 04.0 | 318 | 28 | 05.2 | 03.6 | 320 | 30 | 05.1 | 04.1 | 106 | 24 | 04.5 | 03.0 | 083 | 31 | 05.3 | 03.1 | 089 |
| 2.1 ,, | 29 | 05.5 | 03.2 | 315 | 29 | 05.9 | 04.0 | 319 | 28 | 05.3 | 03.4 | 312 | 28 | 05.3 | 03.5 | 106 | 20 | 04.7 | 02.5 | 084 | 28 | 05.1 | 03.0 | 095 |
| 3.0 ,, | 29 | 05.8 | 02.6 | 300 | 27 | 06.2 | 04.0 | 319 | 27 | 04.9 | 02.8 | 315 | 25 | 04.2 | 01.5 | 130 | 13 | 04.1 | 02.2 | 088 | 26 | 05.0 | 01.5 | 085 |
| 3.6 ,, | 29 | 06.6 | 03.1 | 297 | 27 | 06.8 | 03.9 | 329 | 16 | 05.1 | 01.2 | 291 | 22 | 04.4 | 00.5 | 076 | 11 | 04.1 | 00.2 | 126 | 21 | 04.3 | 01.8 | 106 |
| 4.5 ,, | 29 | 07.9 | 05.2 | 294 | 26 | 07.8 | 06.0 | 306 | 04 | 08.8 | 04.7 | 280 | 18 | 04.4 | 01.1 | 063 | 06 | 03.5 | 01.3 | 254 | 15 | 03.7 | 01.1 | 277 |
| 5.4 ,, | 27 | 11.1 | 07.8 | 293 | 25 | 10.3 | 08.7 | 292 | 02 | 15.5 | 13.1 | 308 | 12 | 05.3 | 02.2 | 283 | 06 | 04.5 | 02.4 | 243 | 07 | 06.9 | 06.5 | 244 |
| 6.0 ,, | 27 | 12.0 | 08.8 | 291 | 25 | 12.9 | 11.2 | 288 | | | | | 08 | 04.1 | 01.6 | 243 | 06 | 06.3 | 03.6 | 257 | 06 | 08.0 | 07.7 | 254 |
| 7.2 ,, | 17 | 15.3 | 12.8 | 284 | 14 | 17.3 | 14.3 | 284 | | | | | | | | | 03 | 07.3 | 06.0 | 268 | 01 | 08.0 | 08.0 | 290 |
| 9.0 ,, | 11 | 23.1 | 17.6 | 285 | 06 | 24.7 | 22.0 | 302 | | | | | | | | | 01 | 17.0 | 17.0 | 255 | | | | |

| STATION | ANANTAPUR | | | | | | | | | | | | ASANSOL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 01.6 | 095 | 31 | 03.0 | 02.8 | 079 | 31 | 04.7 | 04.6 | 090 | 31 | 00.7 | 00.5 | 298 | 31 | 01.6 | 01.3 | 332 | 31 | 00.5 | 00.3 | 295 |
| .15 A.G.L. | 31 | 05.0 | 04.0 | 105 | 31 | 04.8 | 04.0 | 085 | 30 | 08.3 | 08.0 | 098 | 29 | 04.8 | 03.6 | 344 | 30 | 03.8 | 02.9 | 329 | 30 | 04.9 | 03.3 | 357 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 05.0 | 03.6 | 353 | 30 | 04.1 | 03.2 | 329 | 30 | 05.2 | 03.5 | 355 |
| .6 ,, | 31 | 05.2 | 04.1 | 116 | 31 | 04.5 | 03.6 | 089 | 30 | 08.3 | 08.1 | 100 | 29 | 05.5 | 03.6 | 349 | 30 | 04.3 | 03.5 | 333 | 30 | 05.2 | 03.4 | 341 |
| .9 ,, | 31 | 06.2 | 04.3 | 122 | 31 | 04.4 | 03.4 | 095 | 30 | 07.1 | 06.7 | 103 | 29 | 05.5 | 03.5 | 335 | 30 | 04.3 | 03.5 | 329 | 30 | 04.7 | 03.2 | 312 |
| 1.5 ,, | 31 | 05.6 | 03.3 | 128 | 31 | 04.4 | 03.5 | 099 | 30 | 04.9 | 03.4 | 095 | 27 | 05.6 | 04.4 | 310 | 29 | 04.9 | 04.3 | 310 | 30 | 06.3 | 05.0 | 290 |
| 2.1 ,, | 30 | 04.4 | 02.2 | 161 | 31 | 04.1 | 01.9 | 130 | 28 | 04.5 | 00.9 | 127 | 26 | 07.0 | 06.5 | 299 | 29 | 07.1 | 06.7 | 297 | 30 | 07.1 | 06.4 | 298 |
| 3.0 ,, | 24 | 04.1 | 01.4 | 214 | 25 | 04.6 | 02.4 | 140 | 26 | 05.4 | 01.8 | 289 | 26 | 08.9 | 08.3 | 288 | 29 | 10.3 | 09.7 | 291 | 24 | 08.7 | 07.6 | 290 |
| 3.6 ,, | 22 | 05.0 | 01.2 | 233 | 19 | 05.6 | 03.2 | 266 | 17 | 05.5 | 02.0 | 271 | 26 | 11.2 | 10.8 | 285 | 27 | 12.3 | 11.2 | 286 | 12 | 09.7 | 08.8 | 270 |
| 4.5 ,, | 19 | 06.1 | 01.5 | 267 | 11 | 05.5 | 02.7 | 285 | 01 | 02.0 | 02.0 | 035 | 22 | 14.3 | 13.6 | 277 | 26 | 14.9 | 14.1 | 279 | 03 | 12.0 | 11.6 | 247 |
| 5.4 ,, | 18 | 06.3 | 04.4 | 264 | 08 | 06.0 | 01.8 | 315 | | | | | 12 | 19.3 | 18.9 | 271 | 22 | 19.0 | 18.2 | 277 | | | | |
| 6.0 ,, | 18 | 07.1 | 05.9 | 262 | 06 | 05.3 | 02.0 | 326 | | | | | 09 | 23.4 | 22.9 | 265 | 19 | 22.3 | 21.5 | 271 | | | | |
| 7.2 ,, | 17 | 09.8 | 09.2 | 263 | 03 | 08.0 | 05.0 | 269 | | | | | 03 | 27.8 | 27.8 | 273 | 12 | 22.3 | 21.7 | 268 | | | | |
| 9.0 ,, | 05 | 17.8 | 17.0 | 246 | | | | | | | | | | | | | 04 | 33.5 | 31.7 | 264 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | AURANGABAD/CHIKALTHANA | | | | | | | | | | | | BAHRAICH | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.7 | 00.5 | 081 | 31 | 01.8 | 00.4 | 072 | 31 | 01.8 | 00.8 | 050 | 31 | 01.2 | 00.4 | 295 | 31 | 00.8 | 00.4 | 291 | 31 | 00.9 | 00.8 | 271 |
| .15 A.G.L. | 31 | 05.9 | 04.3 | 095 | 31 | 02.9 | 00.5 | 090 | 30 | 05.4 | 03.7 | 074 | 29 | 04.5 | 02.3 | 312 | 30 | 02.2 | 01.3 | 290 | 31 | 03.8 | 02.3 | 289 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 04.5 | 01.6 | 317 | 30 | 02.2 | 01.4 | 292 | 31 | 03.7 | 02.3 | 290 |
| .6 ,, | | | | | | | | | | | | | 29 | 04.8 | 02.2 | 301 | 30 | 03.9 | 01.6 | 283 | 31 | 04.2 | 02.1 | 288 |
| .9 ,, | 31 | 06.8 | 04.8 | 107 | 31 | 02.5 | 00.5 | 080 | 30 | 05.6 | 04.1 | 080 | 29 | 05.0 | 01.7 | 302 | 30 | 04.6 | 01.7 | 293 | 30 | 04.6 | 02.1 | 294 |
| 1.5 ,, | 29 | 04.6 | 02.3 | 140 | 31 | 02.8 | 00.5 | 186 | 30 | 04.0 | 02.3 | 102 | 27 | 05.9 | 01.7 | 310 | 29 | 05.5 | 02.3 | 302 | 28 | 06.4 | 02.8 | 312 |
| 2.1 ,, | 29 | 04.6 | 03.1 | 217 | 30 | 03.7 | 01.4 | 226 | 30 | 04.5 | 02.2 | 207 | 24 | 06.6 | 04.8 | 297 | 28 | 06.0 | 04.0 | 300 | 28 | 06.3 | 04.7 | 301 |
| 3.0 ,, | 26 | 06.7 | 05.4 | 253 | 25 | 06.3 | 03.8 | 253 | 24 | 05.3 | 03.3 | 227 | 16 | 07.8 | 06.4 | 292 | 28 | 07.2 | 05.5 | 300 | 28 | 07.6 | 06.0 | 300 |
| 3.6 ,, | 18 | 08.5 | 07.8 | 267 | 21 | 08.9 | 07.0 | 262 | 12 | 06.3 | 01.9 | 227 | 14 | 09.1 | 06.7 | 289 | 27 | 08.1 | 07.0 | 290 | 27 | 08.8 | 07.4 | 294 |
| 4.5 ,, | 03 | 12.3 | 12.2 | 265 | 18 | 11.6 | 09.9 | 271 | 03 | 10.7 | 10.2 | 273 | 09 | 10.1 | 08.7 | 287 | 23 | 10.0 | 08.5 | 283 | 23 | 13.0 | 10.9 | 285 |
| 5.4 ,, | | | | | 15 | 14.1 | 12.4 | 269 | | | | | 07 | 11.0 | 10.5 | 272 | 20 | 14.3 | 12.3 | 280 | 21 | 14.7 | 14.3 | 281 |
| 6.0 ,, | | | | | 13 | 19.1 | 17.9 | 268 | | | | | 06 | 13.3 | 12.6 | 271 | 18 | 15.3 | 14.7 | 279 | 20 | 18.1 | 17.6 | 275 |
| 7.2 ,, | | | | | 04 | 20.3 | 20.3 | 264 | | | | | 02 | 13.5 | 12.9 | 293 | 10 | 19.7 | 16.2 | 266 | 09 | 23.2 | 21.1 | 268 |
| 9.0 ,, | | | | | 01 | 37.0 | 37.0 | 258 | | | | | 01 | 12.0 | 12.0 | 270 | 04 | 20.5 | 19.9 | 275 | 04 | 26.0 | 24.8 | 263 |

| STATION | BANGALORE | | | | | | | | | | | | | | | | BAREILLY | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530● | | | | 1130 | | | | 1730● | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.6 | 02.9 | 095 | 31 | 03.4 | 02.8 | 100 | 31 | 03.1 | 02.6 | 095 | 31 | 03.7 | 03.5 | 102 | 31 | 00.8 | 00.3 | 319 | 31 | 01.2 | 00.7 | 285 |
| .15 A.G.L. | 31 | 06.6 | 05.0 | 105 | 31 | 05.1 | 03.6 | 108 | 31 | 05.0 | 04.1 | 095 | 31 | 09.2 | 08.3 | 105 | 30 | 05.4 | 03.4 | 316 | 31 | 03.9 | 02.6 | 291 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 30 | 04.7 | 02.9 | 316 | 31 | 03.6 | 02.5 | 293 |
| .6 ,, | | | | | | | | | | | | | | | | | 30 | 05.6 | 04.0 | 307 | 31 | 04.7 | 03.4 | 288 |
| .9 ,, | | | | | | | | | | | | | | | | | 30 | 06.1 | 04.3 | 307 | 31 | 05.2 | 02.5 | 272 |
| 1.5 ,, | 31 | 06.6 | 04.7 | 105 | 31 | 05.2 | 04.0 | 105 | 31 | 04.9 | 04.1 | 095 | 31 | 08.6 | 06.9 | 110 | 30 | 07.3 | 04.9 | 307 | 30 | 06.2 | 04.2 | 300 |
| 2.1 ,, | 27 | 04.3 | 02.7 | 093 | 28 | 04.2 | 03.1 | 092 | 31 | 03.8 | 03.0 | 095 | 31 | 04.2 | 01.3 | 126 | 29 | 07.2 | 04.9 | 306 | 30 | 06.4 | 04.7 | 302 |
| 3.0 ,, | 25 | 04.4 | 01.2 | 120 | 21 | 04.0 | 01.6 | 131 | 27 | 03.7 | 00.2 | 037 | 29 | 02.5 | 00.1 | 141 | 26 | 07.0 | 05.4 | 298 | 28 | 06.8 | 05.0 | 302 |
| 3.6 ,, | 25 | 05.0 | 00.8 | 148 | 18 | 04.6 | 01.1 | 156 | 22 | 04.2 | 01.3 | 265 | 28 | 04.5 | 00.8 | 185 | 23 | 07.2 | 05.6 | 296 | 26 | 07.8 | 06.1 | 294 |
| 4.5 ,, | 23 | 05.6 | 00.6 | 050 | 15 | 05.1 | 00.7 | 353 | 22 | 05.5 | 02.8 | 279 | 19 | 05.6 | 00.8 | 203 | 21 | 07.7 | 05.9 | 288 | 23 | 07.6 | 06.0 | 294 |
| 5.4 ,, | 22 | 06.7 | 03.7 | 270 | 12 | 05.4 | 01.1 | 299 | 21 | 07.4 | 04.9 | 258 | 06 | 06.2 | 05.4 | 254 | 16 | 09.7 | 08.0 | 278 | 22 | 11.1 | 09.8 | 284 |
| 6.0 ,, | 22 | 06.9 | 02.8 | 255 | 11 | 06.6 | 03.7 | 275 | 17 | 07.8 | 06.0 | 256 | 02 | 03.0 | 02.9 | 247 | 15 | 11.7 | 10.1 | 284 | 21 | 14.6 | 12.3 | 282 |
| 7.2 ,, | 20 | 08.5 | 06.4 | 260 | 10 | 09.9 | 07.1 | 261 | 17 | 10.2 | 08.3 | 260 | 01 | 02.0 | 02.0 | 235 | 11 | 16.0 | 14.8 | 270 | 14 | 17.4 | 15.8 | 273 |
| 9.0 ,, | 14 | 13.0 | 11.1 | 245 | 08 | 14.6 | 11.3 | 245 | 15 | 17.1 | 14.9 | 246 | | | | | 07 | 27.0 | 23.3 | 268 | 07 | 19.0 | 18.5 | 267 |

| STATION | BEGUMPET | | | | | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.4 | 02.0 | 106 | 31 | 02.4 | 01.7 | 114 | 31 | 02.9 | 02.0 | 087 | 31 | 01.1 | 00.4 | 247 | 31 | 01.6 | 01.2 | 293 | 31 | 01.9 | 00.6 | 092 |
| .15 A.G.L. | 25 | 05.5 | 04.2 | 115 | 31 | 03.9 | 02.9 | 102 | 31 | 06.0 | 04.4 | 093 | 29 | 04.5 | 02.5 | 291 | 29 | 03.8 | 02.8 | 293 | 30 | 06.7 | 05.3 | 100 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 04.4 | 02.7 | 317 | 29 | 04.4 | 03.4 | 292 | | | | |
| .6 ,, | 25 | 04.0 | 03.2 | 115 | 31 | 03.6 | 02.5 | 107 | 31 | 04.6 | 03.4 | 088 | 29 | 05.0 | 02.8 | 319 | 29 | 04.5 | 03.7 | 293 | 30 | 06.0 | 04.6 | 099 |
| .9 ,, | 25 | 06.4 | 05.0 | 118 | 31 | 03.7 | 02.8 | 105 | 31 | 06.5 | 04.8 | 107 | 28 | 04.8 | 02.6 | 313 | 29 | 04.8 | 04.0 | 287 | 30 | 06.7 | 04.2 | 095 |
| 1.5 ,, | 20 | 06.7 | 03.4 | 114 | 30 | 04.0 | 02.3 | 116 | 30 | 05.7 | 03.2 | 115 | 28 | 05.0 | 02.7 | 298 | 29 | 05.0 | 03.5 | 290 | 30 | 04.1 | 00.5 | 344 |
| 2.1 ,, | 17 | 06.9 | 00.9 | 033 | 30 | 04.6 | 00.7 | 188 | 29 | 04.9 | 00.3 | 245 | 27 | 06.5 | 05.3 | 300 | 29 | 06.9 | 06.0 | 298 | 30 | 04.7 | 02.5 | 285 |
| 3.0 ,, | 16 | 05.7 | 02.5 | 275 | 28 | 05.9 | 03.9 | 256 | 29 | 05.4 | 02.6 | 260 | 19 | 08.0 | 07.3 | 288 | 25 | 09.6 | 09.0 | 293 | 29 | 07.2 | 05.3 | 265 |
| 3.6 ,, | 15 | 06.2 | 03.4 | 260 | 25 | 06.4 | 04.7 | 267 | 04 | 04.5 | 03.3 | 278 | 15 | 09.0 | 08.5 | 285 | 21 | 10.8 | 10.2 | 292 | 27 | 08.7 | 06.7 | 267 |
| 4.5 ,, | 13 | 07.3 | 04.1 | 257 | 23 | 07.8 | 06.5 | 277 | | | | | 07 | 14.3 | 13.7 | 281 | 11 | 14.0 | 11.7 | 287 | 23 | 12.5 | 10.1 | 266 |
| 5.4 ,, | 12 | 08.7 | 05.2 | 270 | 20 | 09.3 | 08.3 | 274 | | | | | 02 | 20.0 | 19.7 | 280 | 01 | 15.0 | 15.0 | 290 | 19 | 14.8 | 12.8 | 272 |
| 6.0 ,, | 09 | 08.0 | 05.3 | 270 | 17 | 10.3 | 09.7 | 274 | | | | | 01 | 25.0 | 25.0 | 270 | 01 | 18.0 | 18.0 | 285 | 18 | 18.5 | 15.9 | 271 |
| 7.2 ,, | 07 | 11.1 | 10.0 | 263 | 10 | 12.3 | 11.7 | 260 | | | | | | | | | | | | | 12 | 25.6 | 23.4 | 267 |
| 9.0 ,, | 04 | 11.5 | 10.4 | 256 | 02 | 12.5 | 11.1 | 280 | | | | | | | | | | | | | 09 | 31.6 | 30.3 | 261 |

| STATION | BHOPAL/BAIRAGARH | | | | | | | | BHUBANESHWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 01.0 | 051 | 31 | 01.6 | 00.9 | 049 | 31 | 01.9 | 01.4 | 019 | 31 | 02.3 | 01.2 | 064 | 31 | 02.2 | 00.8 | 069 | 31 | 00.2 | 00.1 | 017 |
| .15 A.G.L. | 31 | 03.3 | 01.7 | 054 | 31 | 07.1 | 05.0 | 062 | 29 | 03.7 | 02.3 | 033 | 30 | 03.1 | 01.8 | 047 | 29 | 04.7 | 02.6 | 123 | 31 | 05.6 | 05.1 | 022 |
| .3A.M.S.L. | | | | | | | | | 29 | 04.1 | 02.1 | 040 | 30 | 03.1 | 01.9 | 040 | 29 | 04.5 | 01.7 | 119 | 31 | 07.0 | 06.5 | 032 |
| .6 ,, | 31 | 03.1 | 01.7 | 038 | 31 | 06.0 | 04.6 | 065 | 29 | 04.6 | 01.9 | 035 | 30 | 03.1 | 01.6 | 023 | 29 | 04.0 | 00.5 | 328 | 31 | 07.7 | 07.1 | 046 |
| .9 ,, | 31 | 02.9 | 01.4 | 035 | 31 | 05.6 | 03.5 | 060 | 29 | 04.0 | 02.3 | 357 | 30 | 03.6 | 02.0 | 355 | 28 | 04.2 | 02.0 | 335 | 31 | 06.3 | 04.9 | 047 |
| 1.5 ,, | 31 | 03.4 | 01.2 | 315 | 31 | 03.6 | 00.7 | 285 | 29 | 05.2 | 03.3 | 320 | 30 | 05.5 | 04.1 | 312 | 28 | 05.6 | 04.0 | 315 | 31 | 05.1 | 02.5 | 054 |
| 2.1 ,, | 31 | 04.5 | 03.0 | 279 | 30 | 04.9 | 02.3 | 250 | 28 | 06.3 | 04.6 | 297 | 30 | 07.0 | 05.3 | 306 | 27 | 05.9 | 03.9 | 296 | 31 | 05.2 | 01.1 | 325 |
| 3.0 ,, | 27 | 07.3 | 05.3 | 277 | 29 | 06.5 | 03.5 | 247 | 27 | 08.2 | 06.5 | 273 | 26 | 08.3 | 06.9 | 284 | 24 | 07.7 | 06.4 | 274 | 31 | 06.5 | 02.9 | 283 |
| 3.6 ,, | 26 | 10.8 | 08.5 | 272 | 22 | 08.3 | 05.0 | 266 | 24 | 09.0 | 07.5 | 271 | 23 | 09.6 | 08.5 | 281 | 05 | 08.4 | 06.9 | 270 | | | | |
| 4.5 ,, | 24 | 12.7 | 10.8 | 270 | 03 | 10.0 | 08.6 | 287 | 18 | 11.5 | 10.2 | 268 | 20 | 13.0 | 12.1 | 268 | | | | | | | | |
| 5.4 ,, | 23 | 16.0 | 14.9 | 271 | | | | | 14 | 16.0 | 14.9 | 258 | 17 | 13.1 | 12.1 | 270 | | | | | | | | |
| 6.0 ,, | 23 | 18.6 | 17.2 | 274 | | | | | 08 | 13.7 | 12.6 | 260 | 10 | 15.5 | 14.9 | 268 | | | | | | | | |
| 7.2 ,, | 17 | 21.5 | 20.8 | 274 | | | | | 02 | 20.5 | 20.0 | 255 | 02 | 21.0 | 16.3 | 245 | | | | | | | | |
| 9.0 ,, | 07 | 24.0 | 23.4 | 264 | | | | | | | | | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | BHUJ/RUDRAMATA | | | | | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.7 | 02.4 | 020 | 31 | 01.0 | 00.9 | 359 | 31 | 00.5 | 00.1 | 045 | 31 | 00.7 | 00.4 | 011 | 31 | 00.6 | 00.5 | 033 | 31 | 00.7 | 00.6 | 070 |
| .15 A.G.L. | 31 | 04.5 | 03.9 | 015 | 31 | 06.7 | 05.9 | 009 | 31 | 06.8 | 04.3 | 093 | 31 | 03.6 | 02.0 | 011 | 31 | 06.0 | 05.4 | 038 | 31 | 04.3 | 03.1 | 034 |
| .3A.M.S.L. | 31 | 04.6 | 04.1 | 017 | 31 | 07.8 | 07.0 | 013 | 31 | 05.5 | 03.7 | 097 | 31 | 03.4 | 01.8 | 015 | 31 | 05.8 | 05.2 | 042 | 31 | 04.4 | 03.1 | 041 |
| .6 ,, | 31 | 04.5 | 03.8 | 022 | 31 | 07.1 | 06.5 | 020 | 31 | 05.5 | 03.3 | 082 | 31 | 03.7 | 01.7 | 015 | 31 | 05.4 | 04.2 | 041 | 31 | 05.0 | 02.9 | 070 |
| .9 ,, | 31 | 04.5 | 03.6 | 026 | 31 | 06.2 | 05.3 | 031 | 31 | 04.6 | 01.9 | 071 | 31 | 03.7 | 01.9 | 016 | 31 | 04.3 | 02.5 | 053 | 31 | 04.7 | 02.2 | 083 |
| 1.5 ,, | 31 | 04.8 | 02.3 | 047 | 31 | 06.2 | 03.0 | 069 | 31 | 04.1 | 02.1 | 329 | 31 | 03.4 | 00.8 | 013 | 31 | 03.8 | 00.9 | 261 | 31 | 04.6 | 02.1 | 153 |
| 2.1 ,, | 31 | 05.5 | 01.1 | 038 | 31 | 05.4 | 01.4 | 111 | 31 | 04.8 | 02.5 | 308 | 31 | 03.8 | 01.1 | 310 | 31 | 04.2 | 02.2 | 262 | 31 | 05.2 | 03.5 | 200 |
| 3.0 ,, | 31 | 06.0 | 02.0 | 310 | 31 | 05.0 | 02.0 | 270 | 31 | 06.1 | 03.5 | 301 | 31 | 06.2 | 04.4 | 299 | 31 | 05.7 | 03.8 | 285 | 31 | 06.7 | 04.7 | 256 |
| 3.6 ,, | 31 | 07.5 | 03.7 | 286 | | | | | 31 | 07.7 | 04.7 | 292 | 30 | 07.5 | 06.8 | 286 | 23 | 07.2 | 05.1 | 291 | 30 | 08.1 | 06.4 | 266 |
| 4.5 ,, | 31 | 10.2 | 06.5 | 282 | | | | | 31 | 09.9 | 07.3 | 291 | 29 | 08.9 | 07.3 | 290 | 02 | 10.0 | 08.9 | 308 | 30 | 10.2 | 09.4 | 275 |
| 5.4 ,, | 29 | 12.8 | 10.7 | 274 | | | | | 31 | 12.4 | 09.5 | 286 | 29 | 10.8 | 09.9 | 288 | 01 | 15.0 | 15.0 | 335 | 30 | 13.9 | 13.3 | 270 |
| 6.0 ,, | 29 | 14.7 | 13.0 | 274 | | | | | 31 | 14.5 | 12.8 | 282 | 28 | 12.7 | 11.0 | 282 | | | | | 30 | 16.3 | 15.4 | 270 |
| 7.2 ,, | 04 | 17.0 | 15.9 | 265 | | | | | 26 | 19.1 | 15.8 | 269 | 24 | 18.0 | 15.4 | 280 | | | | | 30 | 20.3 | 19.1 | 264 |
| 9.0 ,, | | | | | | | | | 08 | 24.9 | 21.9 | 256 | 09 | 27.0 | 24.9 | 270 | | | | | 30 | 28.9 | 27.9 | 261 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.2 | 044 | 31 | 03.8 | 03.2 | 325 | 31 | 00.8 | 00.6 | 027 | 31 | 00.3 | 00.1 | 338 | 31 | 01.4 | 01.2 | 339 | 31 | 00.6 | 00.3 | 038 |
| .15 A.G.L. | 31 | 03.9 | 02.8 | 079 | 31 | 06.0 | 05.4 | 317 | 31 | 04.8 | 03.7 | 002 | 31 | 04.8 | 03.7 | 359 | 29 | 03.2 | 02.6 | 336 | 31 | 04.0 | 03.1 | 243 |
| .3A.M.S.L. | 31 | 03.9 | 02.5 | 085 | 31 | 05.4 | 04.5 | 317 | 31 | 05.8 | 04.8 | 360 | 31 | 04.8 | 03.8 | 357 | 29 | 03.5 | 02.9 | 342 | 31 | 04.4 | 03.3 | 344 |
| .6 ,, | 31 | 04.0 | 02.5 | 094 | 31 | 04.0 | 02.5 | 331 | 31 | 05.8 | 04.6 | 004 | 31 | 05.2 | 03.9 | 348 | 29 | 03.7 | 03.4 | 336 | 31 | 04.4 | 03.1 | 343 |
| .9 ,, | 30 | 04.1 | 02.3 | 099 | 31 | 03.4 | 00.5 | 355 | 31 | 04.7 | 03.0 | 012 | 31 | 05.1 | 03.7 | 341 | 28 | 04.4 | 03.7 | 334 | 31 | 04.7 | 03.1 | 335 |
| 1.5 ,, | 30 | 03.9 | 01.1 | 167 | 31 | 04.7 | 02.1 | 130 | 31 | 03.7 | 01.3 | 083 | 31 | 05.8 | 04.8 | 313 | 28 | 06.5 | 05.6 | 313 | 31 | 06.0 | 05.0 | 316 |
| 2.1 ,, | 30 | 04.8 | 02.6 | 216 | 31 | 05.3 | 01.6 | 165 | 31 | 05.8 | 03.2 | 151 | 31 | 07.1 | 06.1 | 292 | 25 | 07.6 | 06.8 | 297 | 31 | 07.5 | 06.6 | 299 |
| 3.0 ,, | 30 | 06.0 | 04.2 | 270 | 31 | 05.8 | 02.4 | 244 | 31 | 05.6 | 02.8 | 214 | 31 | 08.6 | 07.4 | 281 | 24 | 10.4 | 10.2 | 287 | 31 | 10.5 | 09.3 | 285 |
| 3.6 ,, | 30 | 07.1 | 05.5 | 270 | 31 | 06.4 | 03.6 | 257 | 26 | 06.7 | 05.3 | 248 | 31 | 11.1 | 10.0 | 275 | 16 | 13.6 | 12.4 | 276 | 31 | 10.9 | 10.0 | 282 |
| 4.5 ,, | 29 | 10.3 | 09.2 | 268 | 31 | 09.9 | 09.0 | 266 | 18 | 09.2 | 08.3 | 267 | 31 | 13.3 | 12.1 | 269 | 12 | 16.0 | 14.9 | 280 | 31 | 14.4 | 13.2 | 273 |
| 5.4 ,, | 28 | 14.0 | 13.1 | 271 | 31 | 12.8 | 11.6 | 268 | 07 | 11.3 | 10.7 | 260 | 31 | 16.2 | 15.3 | 265 | 10 | 19.2 | 18.2 | 271 | 31 | 17.6 | 16.9 | 270 |
| 6.0 ,, | 28 | 15.8 | 15.0 | 270 | 31 | 15.6 | 14.2 | 269 | 04 | 14.3 | 13.9 | 255 | 31 | 19.1 | 18.5 | 264 | 10 | 22.0 | 21.1 | 269 | 31 | 19.5 | 18.7 | 267 |
| 7.2 ,, | 27 | 20.4 | 19.9 | 267 | 31 | 20.0 | 19.2 | 263 | | | | | 31 | 21.8 | 20.9 | 263 | 08 | 25.1 | 24.6 | 263 | 31 | 23.7 | 22.7 | 267 |
| 9.0 ,, | 23 | 27.6 | 26.7 | 260 | 30 | 30.0 | 28.9 | 260 | | | | | 31 | 27.1 | 26.7 | 263 | | | | | 31 | 31.3 | 30.8 | 265 |

| STATION | CALCUTTA/DUM DUM | | | | COCHIN/WILLINGDON + | | | | | | | | | | | | DEHRA DUN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.3 | 00.3 | 010 | 31 | 00.6 | 00.6 | 085 | 31 | 03.1 | 02.9 | 274 | 31 | 00.7 | 00.4 | 054 | 31 | 00.1 | 00.1 | 346 | 31 | 00.7 | 00.6 | 270 |
| .15 A.G.L. | 30 | 04.2 | 02.6 | 013 | 31 | 03.6 | 02.7 | 068 | 31 | 04.9 | 04.5 | 280 | 30 | 02.9 | 01.5 | 009 | 31 | 01.4 | 00.9 | 047 | 31 | 02.2 | 01.8 | 270 |
| .3A.M.S.L. | 30 | 04.1 | 02.7 | 007 | 31 | 03.3 | 02.2 | 050 | 31 | 04.0 | 03.3 | 294 | 30 | 03.1 | 01.3 | 006 | | | | | | | | |
| .6 ,, | 30 | 04.5 | 03.3 | 354 | 31 | 03.2 | 01.5 | 041 | 31 | 03.1 | 02.2 | 329 | 30 | 03.3 | 01.3 | 031 | | | | | | | | |
| .9 ,, | 30 | 04.7 | 03.7 | 336 | 31 | 03.2 | 01.6 | 074 | 31 | 03.4 | 02.4 | 036 | 30 | 03.5 | 02.0 | 081 | 31 | 01.4 | 00.7 | 078 | 31 | 02.0 | 01.6 | 270 |
| 1.5 ,, | 30 | 06.3 | 05.6 | 308 | 31 | 03.5 | 02.3 | 084 | 31 | 05.0 | 04.4 | 080 | 30 | 04.1 | 03.2 | 093 | 31 | 01.5 | 00.1 | 119 | 31 | 01.6 | 00.9 | 257 |
| 2.1 ,, | 30 | 07.6 | 07.0 | 296 | 31 | 04.5 | 03.2 | 089 | 31 | 06.1 | 04.6 | 078 | 29 | 04.2 | 03.4 | 082 | 31 | 02.8 | 00.3 | 247 | 30 | 02.5 | 00.8 | 283 |
| 3.0 ,, | 20 | 09.3 | 08.5 | 285 | 29 | 04.4 | 02.0 | 087 | 31 | 05.3 | 02.3 | 057 | 25 | 04.7 | 02.7 | 072 | 31 | 04.5 | 01.1 | 308 | 30 | 05.0 | 01.5 | 322 |
| 3.6 ,, | 03 | 11.0 | 10.8 | 269 | 23 | 04.0 | 02.0 | 082 | 30 | 04.0 | 01.2 | 027 | 15 | 03.9 | 02.1 | 088 | 30 | 05.6 | 02.5 | 289 | 30 | 05.7 | 01.9 | 300 |
| 4.5 ,, | 01 | 15.0 | 15.0 | 260 | 09 | 03.1 | 01.5 | 127 | 26 | 04.2 | 00.8 | 353 | 04 | 04.0 | 03.5 | 100 | 30 | 08.8 | 04.7 | 288 | 28 | 07.7 | 04.0 | 294 |
| 5.4 ,, | 01 | 12.0 | 12.0 | 220 | 02 | 02.0 | 01.7 | 257 | 17 | 04.7 | 01.7 | 265 | | | | | 27 | 10.5 | 07.3 | 278 | 25 | 10.6 | 07.2 | 277 |
| 6.0 ,, | 01 | 35.0 | 35.0 | 205 | 02 | 04.0 | 03.7 | 203 | 08 | 03.6 | 01.4 | 285 | | | | | 26 | 13.1 | 10.7 | 274 | 22 | 13.1 | 10.8 | 286 |
| 7.2 ,, | | | | | | | | | 03 | 03.7 | 01.6 | 164 | | | | | 20 | 17.6 | 15.5 | 271 | 15 | 16.0 | 11.6 | 273 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 01 | 28.0 | 28.0 | 270 | 01 | 24.0 | 24.0 | 285 |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | | | | | GADAG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.9 | 00.8 | 045 | 31 | 00.6 | 00.4 | 042 | 31 | 00.3 | 00.1 | 059 | 31 | 00.2 | 00.2 | 044 | 31 | 03.6 | 02.4 | 115 | 31 | 03.1 | 01.3 | 112 |
| .15 A.G.L. | 26 | 04.4 | 04.1 | 046 | 31 | 02.5 | 01.8 | 042 | 31 | 01.9 | 00.8 | 354 | 30 | 02.2 | 02.1 | 034 | 31 | 06.4 | 04.0 | 100 | 31 | 04.3 | 01.7 | 111 |
| .3A.M.S.L. | 26 | 04.4 | 04.2 | 047 | 31 | 02.4 | 01.8 | 040 | 31 | 01.9 | 00.7 | 352 | 30 | 02.1 | 01.7 | 040 | | | | | | | | |
| .6 ,, | 26 | 03.4 | 03.1 | 038 | 31 | 02.6 | 01.9 | 040 | 31 | 01.7 | 00.2 | 071 | 30 | 01.7 | 01.4 | 043 | | | | | | | | |
| .9 ,, | 26 | 02.5 | 02.5 | 047 | 31 | 02.4 | 01.7 | 048 | 31 | 01.7 | 00.5 | 095 | 30 | 01.7 | 01.1 | 060 | 31 | 06.9 | 04.5 | 099 | 31 | 04.5 | 02.1 | 104 |
| 1.5 ,, | 26 | 01.7 | 01.1 | 067 | 31 | 02.1 | 00.8 | 079 | 31 | 02.1 | 01.0 | 155 | 30 | 01.9 | 00.6 | 150 | 31 | 06.2 | 04.1 | 105 | 31 | 04.3 | 01.7 | 106 |
| 2.1 ,, | 26 | 02.0 | 01.2 | 103 | 31 | 03.0 | 01.7 | 160 | 31 | 03.5 | 02.8 | 188 | 29 | 03.1 | 01.8 | 146 | 31 | 04.5 | 01.9 | 137 | 31 | 04.1 | 00.9 | 134 |
| 3.0 ,, | 26 | 04.0 | 00.4 | 228 | 29 | 03.6 | 01.5 | 184 | 29 | 04.7 | 02.0 | 227 | 28 | 04.1 | 02.5 | 230 | 29 | 05.1 | 02.7 | 213 | 31 | 04.5 | 01.7 | 247 |
| 3.6 ,, | 25 | 06.4 | 03.8 | 262 | 28 | 05.7 | 03.2 | 256 | 27 | 05.6 | 03.1 | 251 | 21 | 06.2 | 03.5 | 263 | 28 | 06.3 | 02.7 | 238 | 28 | 05.6 | 02.0 | 266 |
| 4.5 ,, | 24 | 13.0 | 10.9 | 262 | 26 | 10.4 | 07.9 | 268 | 23 | 10.3 | 08.8 | 260 | 01 | 03.0 | 03.0 | 282 | 27 | 07.3 | 04.3 | 276 | 26 | 07.4 | 04.5 | 281 |
| 5.4 ,, | 19 | 17.1 | 14.0 | 276 | 23 | 12.9 | 11.5 | 263 | 21 | 17.9 | 16.7 | 265 | | | | | 26 | 07.6 | 05.6 | 273 | 25 | 08.5 | 07.2 | 270 |
| 6.0 ,, | 19 | 20.0 | 18.6 | 270 | 23 | 17.3 | 15.9 | 263 | 19 | 21.2 | 19.9 | 271 | | | | | 24 | 08.3 | 07.1 | 263 | 23 | 08.3 | 06.9 | 264 |
| 7.2 ,, | 15 | 28.0 | 27.9 | 265 | 19 | 23.8 | 23.4 | 266 | 11 | 25.8 | 25.5 | 266 | | | | | 21 | 10.6 | 09.6 | 263 | 19 | 10.8 | 10.0 | 260 |
| 9.0 ,, | 11 | 40.0 | 39.9 | 266 | 14 | 34.8 | 32.5 | 267 | | | | | | | | | 21 | 17.7 | 16.6 | 254 | 15 | 17.9 | 15.9 | 243 |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | GADAG | | | | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0830 | | | | 1730 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.9 | 01.1 | 091 | 31 | 00.4 | 00.4 | 035 | 31 | 01.6 | 01.4 | 180 | 31 | 00.2 | 00.2 | 045 | 31 | 01.5 | 01.1 | 034 | 31 | 00.4 | 00.4 | 038 |
| .15 A.G.L. | 31 | 07.6 | 02.2 | 069 | 30 | 01.5 | 00.7 | 028 | 28 | 02.7 | 02.7 | 178 | 31 | 02.4 | 01.4 | 056 | 31 | 02.3 | 01.8 | 045 | 31 | 02.5 | 01.7 | 035 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 02.7 | 01.8 | 060 | 31 | 02.5 | 02.2 | 064 | 31 | 02.4 | 01.4 | 033 |
| .6 ,, | | | | | | | | | | | | | 31 | 03.6 | 02.9 | 078 | 30 | 03.1 | 02.9 | 079 | 31 | 02.1 | 00.9 | 301 |
| .9 ,, | 31 | 07.8 | 02.7 | 077 | | | | | | | | | 31 | 03.9 | 03.5 | 078 | 30 | 03.0 | 02.7 | 095 | 31 | 01.8 | 00.6 | 260 |
| 1.5 ,, | 31 | 05.3 | 04.3 | 097 | | | | | | | | | 31 | 03.7 | 02.3 | 079 | 30 | 03.1 | 01.8 | 110 | 31 | 02.7 | 01.7 | 215 |
| 2.1 ,, | 31 | 04.4 | 02.9 | 110 | 30 | 01.3 | 00.3 | 132 | 28 | 02.3 | 02.2 | 176 | 31 | 04.4 | 01.5 | 077 | 30 | 03.9 | 00.8 | 269 | 31 | 04.4 | 03.1 | 229 |
| 3.0 ,, | 30 | 04.3 | 01.5 | 196 | 30 | 02.3 | 01.2 | 145 | 20 | 01.7 | 00.2 | 126 | 31 | 08.0 | 04.7 | 273 | 29 | 06.7 | 05.7 | 275 | 31 | 07.0 | 05.3 | 260 |
| 3.6 ,, | 30 | 05.4 | 02.5 | 238 | 28 | 03.3 | 00.8 | 245 | 17 | 02.7 | 02.0 | 235 | 31 | 12.8 | 11.3 | 258 | 27 | 11.1 | 10.5 | 275 | 31 | 10.2 | 08.9 | 265 |
| 4.5 ,, | 23 | 07.2 | 04.9 | 268 | 27 | 08.6 | 07.5 | 258 | 15 | 07.0 | 05.7 | 276 | 31 | 15.4 | 14.7 | 265 | 26 | 17.2 | 16.7 | 271 | 31 | 14.7 | 13.8 | 268 |
| 5.4 ,, | 20 | 07.8 | 05.7 | 250 | 23 | 14.5 | 13.6 | 260 | 12 | 12.3 | 10.7 | 275 | 31 | 22.4 | 21.5 | 266 | 23 | 22.8 | 22.6 | 267 | 31 | 20.0 | 19.3 | 267 |
| 6.0 ,, | 11 | 08.3 | 07.4 | 262 | 22 | 17.2 | 15.7 | 261 | 10 | 14.5 | 14.2 | 266 | 31 | 26.2 | 25.6 | 263 | 22 | 25.2 | 24.9 | 266 | 31 | 23.5 | 22.9 | 267 |
| 7.2 ,, | 05 | 08.6 | 07.2 | 264 | 12 | 20.7 | 18.9 | 274 | 07 | 21.3 | 21.1 | 268 | 31 | 30.4 | 29.7 | 264 | 19 | 32.0 | 31.4 | 263 | 31 | 29.8 | 29.4 | 265 |
| 9.0 ,, | 01 | 03.0 | 03.0 | 190 | 01 | 16.0 | 16.0 | 260 | 03 | 25.3 | 24.8 | 273 | 27 | 41.3 | 40.7 | 259 | 06 | 42.9 | 42.7 | 256 | 28 | 40.3 | 39.8 | 262 |

| STATION | GAUHATI | | | | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.8 | 00.2 | 185 | 31 | 01.0 | 00.5 | 178 | 31 | 01.9 | 01.3 | 312 | 31 | 00.9 | 00.3 | 139 | 29 | 03.5 | 03.3 | 065 | 30 | 06.0 | 04.2 | 310 |
| .15 A.G.L. | 31 | 02.3 | 01.3 | 242 | 31 | 03.7 | 01.3 | 254 | 30 | 03.5 | 02.6 | 320 | 30 | 04.2 | 01.7 | 350 | | | | | | | | |
| .3A.M.S.L. | 31 | 02.3 | 01.3 | 096 | 31 | 03.7 | 01.1 | 287 | 30 | 03.6 | 02.6 | 320 | 30 | 04.4 | 02.0 | 336 | 29 | 05.5 | 03.6 | 039 | 30 | 04.3 | 03.5 | 294 |
| .6 ,, | 31 | 02.8 | 02.1 | 083 | 31 | 04.5 | 01.7 | 320 | 30 | 03.7 | 02.5 | 304 | 30 | 04.5 | 02.4 | 316 | 29 | 05.8 | 02.0 | 025 | 30 | 03.2 | 01.2 | 300 |
| .9 ,, | 31 | 02.5 | 01.4 | 082 | 30 | 04.6 | 02.8 | 312 | 30 | 04.3 | 03.2 | 292 | 30 | 05.3 | 03.5 | 286 | 29 | 05.2 | 01.5 | 093 | 30 | 03.3 | 01.0 | 053 |
| 1.5 ,, | 31 | 02.5 | 00.4 | 295 | 30 | 05.9 | 04.8 | 299 | 29 | 06.4 | 04.7 | 287 | 29 | 06.1 | 05.4 | 284 | 29 | 06.2 | 02.7 | 138 | 29 | 05.2 | 01.9 | 099 |
| 2.1 ,, | 30 | 02.7 | 00.7 | 264 | 30 | 06.9 | 05.7 | 297 | 29 | 07.5 | 06.5 | 290 | 29 | 07.7 | 06.6 | 290 | 27 | 05.5 | 02.5 | 201 | 28 | 05.9 | 01.9 | 125 |
| 3.0 ,, | 27 | 06.0 | 04.3 | 263 | 29 | 09.0 | 08.0 | 292 | 29 | 10.5 | 09.7 | 290 | 24 | 08.4 | 07.4 | 285 | 01 | 05.5 | 05.5 | 260 | 18 | 05.5 | 02.6 | 245 |
| 3.6 ,, | 10 | 11.1 | 09.6 | 267 | 27 | 10.9 | 10.0 | 281 | 28 | 12.3 | 11.4 | 290 | 13 | 08.4 | 07.9 | 289 | | | | | 07 | 05.5 | 03.0 | 260 |
| 4.5 ,, | 01 | 05.0 | 05.0 | 265 | 24 | 14.7 | 13.6 | 280 | 25 | 15.4 | 14.8 | 287 | 01 | 18.0 | 18.0 | 265 | | | | | 06 | 10.1 | 08.4 | 273 |
| 5.4 ,, | | | | | 20 | 17.6 | 16.9 | 278 | 22 | 18.4 | 17.7 | 276 | | | | | | | | | 03 | 07.5 | 06.8 | 300 |
| 6.0 ,, | | | | | 17 | 19.4 | 18.8 | 273 | 19 | 20.6 | 20.0 | 270 | | | | | | | | | 02 | 08.8 | 08.3 | 317 |
| 7.2 ,, | | | | | 06 | 26.6 | 25.6 | 269 | 08 | 23.9 | 22.3 | 268 | | | | | | | | | 02 | 09.0 | 07.7 | 177 |
| 9.0 ,, | | | | | 01 | 28.0 | 28.0 | 275 | 03 | 29.7 | 29.7 | 264 | | | | | | | | | | | | |

| STATION | GOA/DABOLIM | | | | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 29 | 03.7 | 03.2 | 034 | 31 | 02.2 | 02.1 | 332 | 31 | 03.1 | 02.3 | 101 | 31 | 01.1 | 00.3 | 347 | 31 | 00.6 | 00.3 | 297 | 31 | 00.8 | 00.5 | 252 |
| .15 A.G.L. | | | | | 29 | 04.9 | 03.7 | 350 | 30 | 04.9 | 04.3 | 091 | 29 | 03.3 | 01.6 | 091 | 26 | 04.4 | 02.8 | 304 | 30 | 02.7 | 01.6 | 265 |
| .3A.M.S.L. | 29 | 05.1 | 04.7 | 350 | 29 | 04.0 | 02.2 | 028 | 30 | 04.5 | 03.7 | 087 | 29 | 03.2 | 01.9 | 092 | 27 | 04.7 | 02.7 | 303 | 30 | 03.0 | 01.8 | 267 |
| .6 ,, | 29 | 05.1 | 03.7 | 350 | 29 | 04.0 | 02.2 | 063 | 30 | 03.8 | 02.2 | 052 | 29 | 03.7 | 01.8 | 066 | 27 | 05.2 | 02.7 | 296 | 30 | 03.7 | 02.4 | 277 |
| .9 ,, | 29 | 04.9 | 02.0 | 025 | 29 | 04.1 | 01.9 | 038 | 29 | 03.3 | 02.1 | 349 | 29 | 03.8 | 02.0 | 007 | 27 | 05.0 | 02.7 | 295 | 30 | 04.3 | 01.9 | 290 |
| 1.5 ,, | 28 | 06.5 | 03.0 | 117 | 27 | 05.1 | 01.7 | 335 | 28 | 06.0 | 03.7 | 309 | 26 | 05.3 | 03.8 | 332 | 27 | 05.9 | 03.8 | 286 | 30 | 06.1 | 02.9 | 300 |
| 2.1 ,, | 26 | 06.3 | 02.9 | 130 | 24 | 06.3 | 03.6 | 293 | 28 | 06.8 | 04.5 | 305 | 23 | 05.1 | 03.1 | 320 | 27 | 06.6 | 05.4 | 287 | 30 | 07.2 | 05.0 | 300 |
| 3.0 ,, | 05 | 03.7 | 01.7 | 092 | 21 | 07.0 | 04.5 | 281 | 28 | 08.4 | 06.5 | 284 | 17 | 05.8 | 03.6 | 295 | 27 | 09.5 | 07.6 | 282 | 30 | 08.7 | 07.0 | 291 |
| 3.6 ,, | 01 | 01.0 | 01.0 | 016 | 20 | 07.9 | 06.5 | 273 | 26 | 09.3 | 07.6 | 275 | 02 | 10.0 | 05.5 | 255 | 27 | 11.0 | 09.5 | 285 | 28 | 10.7 | 09.5 | 293 |
| 4.5 ,, | 01 | 06.0 | 06.0 | 360 | 14 | 10.1 | 09.6 | 272 | 24 | 12.2 | 11.0 | 268 | | | | | 22 | 12.4 | 11.6 | 282 | 27 | 13.6 | 12.1 | 283 |
| 5.4 ,, | | | | | 10 | 11.7 | 10.9 | 260 | 22 | 14.2 | 13.3 | 263 | | | | | 15 | 16.3 | 15.5 | 282 | 23 | 17.0 | 15.9 | 275 |
| 6.0 ,, | | | | | 10 | 14.6 | 13.8 | 264 | 19 | 15.0 | 12.9 | 261 | | | | | 13 | 19.4 | 18.7 | 276 | 21 | 21.1 | 19.7 | 271 |
| 7.2 ,, | | | | | | | | | 05 | 16.8 | 16.3 | 249 | | | | | 01 | 13.0 | 13.0 | 270 | 07 | 28.6 | 27.3 | 255 |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | 02 | 37.0 | 36.5 | 265 |

| STATION | GWALIOR | | | | | | | | | | | | | | | | DAPHAL/TULIHAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.3 | 00.1 | 239 | 31 | 01.4 | 00.5 | 080 | 31 | 01.4 | 00.9 | 022 | 31 | 00.2 | 00.1 | 128 | 31 | 00.0 | 00.0 | 000 | 31 | 00.1 | 00.1 | 199 |
| .15 A.G.L. | 31 | 03.6 | 01.8 | 076 | 31 | 02.3 | 00.9 | 088 | 31 | 02.9 | 02.0 | 024 | 31 | 04.4 | 02.9 | 076 | 25 | 01.7 | 01.4 | 056 | 30 | 01.2 | 00.7 | 185 |
| .3A.M.S.L. | 31 | 03.0 | 00.9 | 088 | 31 | 02.3 | 01.2 | 086 | 31 | 02.6 | 01.9 | 024 | 31 | 03.6 | 02.4 | 075 | | | | | | | | |
| .6 ,, | 31 | 04.3 | 02.1 | 052 | 31 | 02.9 | 00.7 | 091 | 31 | 03.1 | 01.7 | 010 | 31 | 04.2 | 01.7 | 083 | | | | | | | | |
| .9 ,, | 31 | 03.0 | 01.9 | 010 | 31 | 03.3 | 00.8 | 035 | 31 | 02.9 | 01.4 | 357 | 31 | [illegible] | 00.4 | 319 | 25 | 01.7 | 01.3 | 054 | 30 | 01.3 | 00.9 | 200 |
| 1.5 ,, | 31 | 05.2 | 03.4 | 327 | 31 | 04.2 | 02.4 | 333 | 31 | 03.9 | 02.6 | 319 | 31 | [illegible] | 03.1 | 298 | 25 | 02.0 | 01.4 | 048 | 30 | 01.4 | 01.2 | 181 |
| 2.1 ,, | 31 | 06.0 | 04.2 | 302 | 31 | 05.5 | 03.8 | 303 | 30 | 05.3 | 04.2 | 308 | 31 | [illegible] | [illegible] | [illegible] | 27 | 04.5 | 01.9 | 220 | 30 | 05.3 | 03.9 | 241 |
| 3.0 ,, | 31 | 06.7 | 05.2 | 285 | 30 | 06.8 | 05.3 | 286 | 30 | 07.9 | 06.4 | 292 | 31 | [illegible] | [illegible] | [illegible] | 23 | 06.2 | 08.5 | 266 | 30 | 10.2 | 09.4 | 266 |
| 3.6 ,, | 30 | 08.2 | 07.3 | 283 | 30 | 08.6 | 07.0 | 281 | 30 | 09.8 | 08.1 | 285 | 16 | [illegible] | 06.5 | [illegible] | 23 | [illegible] | 13.0 | 267 | 29 | 14.[illegible] | 13.6 | 270 |
| 4.5 ,, | 29 | 12.3 | 10.0 | 276 | 28 | 12.2 | 09.8 | 274 | 28 | 12.2 | 10.4 | 283 | 11 | [illegible] | 07.5 | 267 | 19 | 19.0 | 18.0 | 267 | 27 | 19.7 | 19.1 | 270 |
| 5.4 ,, | 28 | 14.6 | 12.0 | 276 | 28 | 14.7 | 12.4 | 271 | 27 | 15.3 | 13.4 | 275 | 07 | [illegible] | [illegible] | [illegible] | 11 | 22.[illegible] | 23.3 | 267 | 24 | 23.9 | 23.3 | 264 |
| 6.0 ,, | 28 | 17.5 | 14.7 | 273 | 27 | 17.4 | 15.1 | 269 | 27 | 18.2 | 16.0 | 273 | 03 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 21 | 27.4 | 27.3 | 262 |
| 7.2 ,, | 23 | 23.2 | 20.2 | 266 | 26 | 22.0 | 18.9 | 269 | 23 | 21.4 | 19.6 | 267 | 01 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 9.0 ,, | 17 | 29.1 | 26.8 | 269 | 17 | 28.5 | 27.8 | 267 | 15 | 28.9 | 27.3 | 264 | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | DHEMAL/TULIHAL | | | | | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.3 | 00.1 | 270 | 31 | 00.3 | 00.3 | 050 | 31 | 00.3 | 00.2 | 132 | 31 | 01.0 | 00.7 | 015 | 31 | 00.3 | 00.3 | 074 | 31 | 00.2 | 00.1 | 009 |
| .15 A.G.L. | 30 | 01.8 | 00.9 | 227 | 30 | 01.8 | 01.1 | 016 | 31 | 04.3 | 03.2 | 096 | 31 | 03.7 | 02.6 | 344 | 31 | 05.7 | 04.5 | 062 | 29 | 03.2 | 02.2 | 062 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | | | | | 31 | 04.7 | 03.4 | 094 | 31 | 03.7 | 02.4 | 337 | 31 | 06.0 | 04.5 | 064 | 29 | 01.8 | 01.0 | 062 |
| .9 ,, | 30 | 01.8 | 00.9 | 225 | 30 | 02.0 | 01.3 | 028 | 31 | 04.4 | 02.8 | 068 | 31 | 03.4 | 02.2 | 010 | 31 | 05.0 | 03.1 | 060 | 29 | 03.9 | 02.7 | 077 |
| 1.5 ,, | 30 | 03.0 | 01.5 | 242 | 30 | 02.2 | 01.7 | 237 | 31 | 04.3 | 02.5 | 326 | 31 | 04.1 | 02.2 | 337 | 30 | 04.1 | 01.4 | 300 | 29 | 04.2 | 00.6 | 014 |
| 2.1 ,, | 30 | 05.1 | 04.2 | 249 | 29 | 05.1 | 03.3 | 244 | 31 | 05.5 | 04.2 | 286 | 31 | 05.3 | 03.8 | 286 | 29 | 06.4 | 04.5 | 271 | 27 | 05.5 | 01.5 | 313 |
| 3.0 ,, | 30 | 10.6 | 09.4 | 268 | 28 | 11.1 | 08.3 | 262 | 27 | 08.1 | 06.4 | 273 | 30 | 08.1 | 06.5 | 276 | 27 | 08.2 | 07.0 | 279 | 25 | 06.3 | 03.0 | 299 |
| 3.6 ,, | 29 | 14.4 | 14.0 | 270 | 25 | 15.0 | 12.9 | 274 | 25 | 09.0 | 07.8 | 283 | 28 | 10.0 | 08.2 | 273 | 21 | 09.3 | 08.2 | 276 | 21 | 05.7 | 03.5 | 301 |
| 4.5 ,, | 27 | 19.2 | 18.8 | 273 | 06 | 14.1 | 12.8 | 267 | 24 | 12.7 | 11.3 | 274 | 28 | 13.9 | 11.9 | 268 | 09 | 11.0 | 09.1 | 263 | 18 | 09.0 | 07.2 | 282 |
| 5.4 ,, | 21 | 25.1 | 24.4 | 272 | 01 | 22.0 | 22.0 | 290 | 20 | 16.8 | 15.6 | 277 | 26 | 18.6 | 16.0 | 265 | 02 | 11.5 | 06.1 | 269 | 15 | 12.6 | 11.6 | 267 |
| 6.0 ,, | 19 | 30.7 | 30.3 | 270 | | | | | 16 | 20.3 | 18.6 | 276 | 24 | 20.3 | 18.9 | 268 | 01 | 06.0 | 06.0 | 360 | 15 | 14.1 | 13.3 | 264 |
| 7.2 ,, | 15 | 35.2 | 34.5 | 261 | | | | | 10 | 23.7 | 23.0 | 271 | 19 | 24.6 | 23.6 | 272 | | | | | 10 | 18.1 | 17.1 | 261 |
| 9.0 ,, | 08 | 44.1 | 43.1 | 266 | | | | | | | | | 03 | 20.3 | 20.3 | 273 | | | | | 08 | 19.9 | 19.2 | 255 |

| STATION | JAGDALPUR | | | | | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.9 | 00.5 | 032 | 31 | 00.7 | 00.3 | 023 | 31 | 00.7 | 00.7 | 078 | 31 | 00.9 | 00.1 | 060 | 31 | 01.2 | 00.8 | 068 | 31 | 00.5 | 00.4 | 305 |
| .15 A.G.L. | 30 | 02.5 | 01.3 | 038 | 30 | 04.8 | 03.3 | 065 | 30 | 04.4 | 03.4 | 087 | 31 | 02.5 | 00.5 | 343 | 31 | 05.1 | 03.5 | 082 | 30 | 02.5 | 02.2 | 306 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | 30 | 02.7 | 02.1 | 325 |
| .6 ,, | 30 | 02.0 | 00.9 | 038 | 30 | 03.6 | 02.4 | 066 | 30 | 04.6 | 03.3 | 093 | 31 | 02.8 | 00.7 | 350 | 31 | 04.9 | 02.8 | 081 | 30 | 03.4 | 02.1 | 351 |
| .9 ,, | 30 | 02.7 | 01.2 | 030 | 30 | 04.8 | 03.2 | 064 | 30 | 03.8 | 01.5 | 082 | 31 | 03.0 | 01.2 | 356 | 31 | 03.9 | 02.2 | 087 | 29 | 04.2 | 02.6 | 346 |
| 1.5 ,, | 29 | 03.2 | 00.9 | 325 | 30 | 03.1 | 01.0 | 013 | 30 | 04.2 | 02.5 | 048 | 31 | 03.7 | 02.1 | 342 | 31 | 03.4 | 00.9 | 311 | 29 | 05.1 | 04.2 | 300 |
| 2.1 ,, | 26 | 04.4 | 01.8 | 307 | 27 | 04.7 | 00.9 | 281 | 30 | 04.9 | 03.2 | 300 | 31 | 04.6 | 02.7 | 303 | 29 | 04.0 | 02.6 | 307 | 29 | 07.1 | 06.2 | 290 |
| 3.0 ,, | 22 | 06.2 | 03.8 | 282 | 25 | 06.1 | 03.5 | 282 | 29 | 06.4 | 04.8 | 292 | 30 | 06.9 | 05.1 | 299 | 29 | 05.9 | 04.2 | 294 | 27 | 09.7 | 08.6 | 285 |
| 3.6 ,, | 21 | 07.2 | 05.6 | 282 | 15 | 07.8 | 06.1 | 282 | 29 | 08.0 | 05.9 | 284 | 29 | 08.7 | 07.0 | 297 | 15 | 07.8 | 06.5 | 275 | 24 | 11.8 | 10.4 | 280 |
| 4.5 ,, | 19 | 10.0 | 08.5 | 280 | 08 | 07.5 | 06.6 | 282 | 29 | 10.6 | 08.4 | 283 | 28 | 11.2 | 09.4 | 291 | 01 | 02.0 | 02.0 | 195 | 21 | 14.3 | 13.1 | 277 |
| 5.4 ,, | 18 | 12.8 | 11.4 | 272 | 06 | 09.5 | 08.8 | 280 | 27 | 14.1 | 12.1 | 277 | 26 | 13.7 | 11.7 | 282 | | | | | 13 | 17.3 | 16.2 | 280 |
| 6.0 ,, | 18 | 14.8 | 13.3 | 267 | 01 | 07.0 | 07.0 | 215 | 22 | 16.2 | 14.6 | 282 | 26 | 16.5 | 14.6 | 278 | | | | | 10 | 19.3 | 17.5 | 271 |
| 7.2 ,, | 14 | 17.7 | 17.0 | 262 | | | | | 05 | 12.5 | 10.2 | 278 | 15 | 20.2 | 19.0 | 272 | | | | | 02 | 25.0 | 21.7 | 264 |
| 9.0 ,, | 11 | 23.0 | 21.3 | 250 | | | | | | | | | 03 | 17.0 | 16.9 | 265 | | | | | | | | |

| STATION | JAMSHEDPUR | | | | JHARSUGUDA | | | | | | | | | | | | LUCKNOW/AMAUSI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.0 | 00.6 | 347 | 31 | 01.9 | 01.7 | 034 | 31 | 00.8 | 00.5 | 018 | 31 | 00.9 | 00.7 | 030 | 31 | 01.4 | 00.3 | 343 | 31 | 02.4 | 01.3 | 314 |
| .15 A.G.L. | 30 | 02.1 | 01.5 | 332 | 29 | 04.2 | 03.8 | 047 | 29 | 02.1 | 01.1 | 015 | 30 | 03.0 | 01.2 | 059 | 29 | 04.8 | 02.2 | 326 | 31 | 03.8 | 02.1 | 301 |
| .3A.M.S.L. | 30 | 02.1 | 01.5 | 330 | 29 | 03.7 | 03.3 | 044 | 29 | 01.8 | 00.9 | 015 | 30 | 02.5 | 01.3 | 044 | 29 | 04.8 | 02.3 | 334 | 31 | 03.9 | 02.3 | 301 |
| .6 ,, | 30 | 02.6 | 01.9 | 330 | 29 | 04.0 | 03.0 | 060 | 29 | 02.3 | 00.9 | 002 | 30 | 03.1 | 00.9 | 045 | 29 | 06.0 | 02.7 | 319 | 31 | 04.4 | 02.5 | 312 |
| .9 ,, | [illegible] | 03.0 | 02.7 | 320 | 29 | 03.4 | 01.5 | 044 | 29 | 02.4 | 01.2 | 355 | 30 | 02.6 | 00.7 | 001 | 29 | 07.0 | 03.1 | 327 | 30 | 04.8 | 03.0 | 310 |
| 1.5 ,, | 29 | 06.5 | 04.9 | 293 | 29 | 04.5 | 03.1 | 317 | 29 | 04.7 | 03.4 | 311 | 30 | 03.5 | 02.2 | 312 | 29 | 07.0 | 04.6 | 307 | 30 | 06.4 | 04.0 | 309 |
| 2.1 ,, | [illegible] | [illegible] | 07.0 | 288 | 28 | 06.1 | 04.3 | 336 | 28 | 07.2 | 05.7 | 302 | 30 | 06.1 | 04.2 | 293 | 29 | 07.6 | 05.9 | 296 | 30 | 06.8 | 05.1 | 303 |
| 3.0 ,, | [illegible] | 10.2 | 09.6 | 282 | 28 | 08.8 | 07.0 | 342 | 27 | 09.4 | 08.0 | 284 | 28 | 08.6 | 06.7 | 283 | 28 | 09.3 | 07.9 | 293 | 30 | 08.4 | 06.9 | 295 |
| 3.6 ,, | [illegible] | 11.8 | 11.2 | 278 | 27 | 11.1 | 09.9 | 347 | 26 | 10.8 | 09.4 | 284 | 03 | 11.7 | 11.3 | 303 | 26 | 10.9 | 09.2 | 290 | 28 | 09.8 | 08.5 | 291 |
| 4.5 ,, | [illegible] | 16.1 | 15.2 | 274 | 25 | 13.0 | 11.7 | 352 | 26 | 13.8 | 12.6 | 275 | | | | | 25 | 13.0 | 11.4 | 285 | 27 | 12.4 | 11.1 | 282 |
| 5.4 ,, | [illegible] | 19.8 | 18.9 | 266 | 18 | 15.3 | 14.0 | 353 | 22 | 17.1 | 16.1 | 279 | | | | | 18 | 14.5 | 12.8 | 281 | 26 | 15.0 | 13.7 | 277 |
| 6.0 ,, | 17 | 21.5 | 20.9 | 266 | 10 | 17.4 | 16.4 | 359 | 22 | 19.6 | 18.3 | 273 | | | | | 17 | 16.0 | 14.8 | 276 | 23 | 17.2 | 15.8 | 276 |
| 7.2 ,, | [illegible] | [illegible] | 25.5 | 263 | 10 | 22.0 | 20.5 | 269 | 14 | 23.6 | 22.9 | 274 | | | | | 11 | 22.3 | 20.2 | 273 | 19 | 23.4 | 22.1 | 261 |
| 9.0 ,, | | | | | 04 | 30.0 | 29.7 | 242 | 06 | 33.8 | 33.5 | 260 | | | | | 01 | 27.0 | 27.0 | 275 | 06 | 23.7 | 23.3 | 267 |

| STATION | LUCKNOW/AMAUSI | | | | MADRAS/MINAMBAKKAM | | | | | | | | | | | | | | | | MANGALORE/BAJPE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.5 | 00.4 | 274 | 31 | 03.9 | 03.1 | 040 | 31 | 03.5 | 02.6 | 047 | 31 | 04.6 | 03.7 | 050 | 31 | 02.2 | 01.7 | 046 | 31 | 01.5 | 01.3 | 075 |
| .15 A.G.L. | 31 | 05.9 | 02.3 | 304 | 31 | 05.4 | 04.4 | 040 | 31 | 05.8 | 04.3 | 058 | 31 | 06.5 | 05.5 | 050 | 31 | 06.2 | 04.9 | 055 | 31 | 05.2 | 03.7 | 060 |
| .3A.M.S.L. | 31 | 05.8 | 02.3 | 300 | 31 | 05.6 | 04.4 | 045 | 31 | 06.2 | 04.5 | 056 | 31 | 06.5 | 05.3 | 050 | 31 | 06.9 | 05.4 | 059 | 31 | 05.5 | 03.5 | 051 |
| .6 ,, | 31 | 05.4 | 02.2 | 320 | 31 | 06.0 | 04.6 | 054 | 30 | 06.2 | 04.3 | 051 | 31 | 05.5 | 04.6 | 050 | 31 | 07.3 | 05.8 | 063 | 31 | 05.4 | 03.3 | 050 |
| .9 ,, | 31 | 05.1 | 02.4 | 313 | 31 | 06.4 | 04.6 | 060 | 27 | 06.2 | 04.2 | 052 | 31 | 05.5 | 04.3 | 047 | 30 | 07.0 | 05.9 | 067 | 31 | 04.7 | 02.1 | 055 |
| 1.5 ,, | 30 | 06.0 | 03.4 | 297 | 31 | 06.0 | 04.0 | 061 | 20 | 07.1 | 05.2 | 059 | 31 | 05.0 | 04.5 | 053 | 30 | 06.3 | 04.9 | 066 | 30 | 03.9 | 02.0 | 125 |
| 2.1 ,, | 29 | 06.7 | 05.3 | 296 | 31 | 05.0 | 02.9 | 055 | 11 | 05.3 | 02.7 | 065 | 31 | 04.3 | 02.2 | 060 | 29 | 05.3 | 03.1 | 063 | 30 | 04.2 | 02.6 | 130 |
| 3.0 ,, | 24 | 07.9 | 06.3 | 289 | 31 | 04.0 | 00.6 | 078 | 07 | 04.6 | 00.4 | 234 | 31 | 04.7 | 00.4 | 083 | 27 | 04.6 | 00.8 | 058 | 27 | 04.7 | 00.7 | 116 |
| 3.6 ,, | 06 | 05.3 | 02.6 | 283 | 31 | 03.8 | 00.5 | 248 | 05 | 06.0 | 04.7 | 251 | 31 | 04.6 | 01.0 | 208 | 15 | 05.1 | 00.1 | 107 | 27 | 05.1 | 00.6 | 276 |
| 4.5 ,, | | | | | 31 | 05.0 | 01.1 | 255 | 02 | 08.0 | 07.9 | 244 | 31 | 04.5 | 01.7 | 266 | 08 | 04.9 | 00.5 | 245 | 25 | 05.5 | 01.7 | 295 |
| 5.4 ,, | | | | | 31 | 05.5 | 02.4 | 256 | 01 | 11.0 | 11.0 | 245 | 31 | 05.5 | 02.5 | 253 | 02 | 06.0 | 04.7 | 268 | 22 | 05.5 | 01.7 | 266 |
| 6.0 ,, | | | | | 31 | 06.0 | 03.0 | 251 | 01 | 10.0 | 10.0 | 250 | 31 | 06.2 | 03.9 | 248 | 02 | 07.5 | 04.8 | 269 | 21 | 05.6 | 01.8 | 249 |
| 7.2 ,, | | | | | 31 | 08.9 | 07.0 | 258 | 01 | 17.0 | 17.0 | 285 | 31 | 08.6 | 07.3 | 264 | 01 | 07.0 | 07.0 | 020 | 13 | 05.9 | 02.9 | 259 |
| 9.0 ,, | | | | | 31 | 12.1 | 11.0 | 238 | | | | | 31 | 13.5 | 12.5 | 240 | 01 | 02.0 | 02.0 | 070 | 08 | 12.1 | 10.8 | 244 |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | MANGALORE/DAJPK | | | | | | | | MINICOY | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.8 | 03.5 | 288 | 31 | 01.4 | 01.0 | 353 | 31 | 01.6 | 01.0 | 036 | 31 | 02.0 | 01.4 | 039 | 31 | 02.6 | 02.0 | 029 | 31 | 01.8 | 01.4 | 048 |
| .15 A.G.L. | 31 | 04.9 | 04.7 | 296 | 31 | 05.5 | 04.7 | 338 | 30 | 03.7 | 02.9 | 038 | 31 | 03.7 | 03.0 | 041 | 31 | 03.8 | 03.1 | 036 | 30 | 04.0 | 03.4 | 040 |
| .3A.M.S.L. | 31 | 05.0 | 04.7 | 299 | 31 | 05.8 | 04.9 | 337 | 30 | 03.9 | 03.0 | 037 | 31 | 04.1 | 03.4 | 042 | 31 | 04.1 | 03.4 | 037 | 30 | 04.0 | 03.4 | 038 |
| .6 ,, | 31 | 03.4 | 02.1 | 320 | 31 | 05.1 | 04.0 | 335 | 30 | 04.1 | 03.2 | 052 | 31 | 04.5 | 03.8 | 054 | 31 | 04.3 | 03.7 | 041 | 30 | 03.7 | 03.1 | 047 |
| .9 ,, | 31 | 02.7 | 01.2 | 029 | 31 | 04.1 | 01.8 | 342 | 30 | 04.5 | 03.4 | 066 | 29 | 04.8 | 03.8 | 066 | 31 | 04.4 | 03.6 | 047 | 30 | 03.9 | 03.0 | 066 |
| 1.5 ,, | 31 | 04.5 | 03.6 | 093 | 31 | 04.2 | 02.7 | 092 | 30 | 05.3 | 04.1 | 080 | 28 | 05.4 | 03.4 | 082 | 31 | 04.2 | 02.3 | 079 | 30 | 04.5 | 03.2 | 086 |
| 2.1 ,, | 31 | 05.4 | 04.0 | 079 | 30 | 05.4 | 04.5 | 098 | 28 | 04.6 | 03.1 | 089 | 24 | 04.4 | 02.5 | 100 | 31 | 03.8 | 02.0 | 074 | 26 | 04.5 | 03.4 | 084 |
| 3.0 ,, | 31 | 05.0 | 00.8 | 056 | 28 | 03.9 | 02.2 | 076 | 24 | 04.2 | 02.4 | 078 | 21 | 05.1 | 03.2 | 090 | 31 | 04.2 | 01.4 | 048 | 22 | 04.1 | 02.3 | 060 |
| 3.6 ,, | 31 | 04.7 | 00.9 | 326 | 17 | 04.4 | 00.9 | 270 | 24 | 04.0 | 01.7 | 076 | 19 | 05.0 | 01.3 | 060 | 31 | 04.5 | 01.2 | 048 | 16 | 03.4 | 01.8 | 069 |
| 4.5 ,, | 31 | 05.6 | 02.1 | 279 | 15 | 07.1 | 04.3 | 269 | 23 | 03.7 | 01.4 | 084 | 19 | 04.7 | 02.1 | 064 | 31 | 04.3 | 01.4 | 083 | 11 | 03.7 | 01.7 | 094 |
| 5.4 ,, | 31 | 06.6 | 03.7 | 271 | 08 | 06.6 | 05.6 | 269 | 21 | 05.4 | 02.8 | 102 | 18 | 04.7 | 02.3 | 062 | 31 | 04.5 | 02.1 | 086 | 05 | 04.4 | 02.8 | 151 |
| 6.0 ,, | 31 | 07.0 | 03.9 | 262 | 04 | 06.5 | 03.7 | 274 | 20 | 05.0 | 01.6 | 094 | 16 | 05.3 | 03.2 | 083 | 31 | 04.1 | 01.5 | 104 | 03 | 04.0 | 03.3 | 163 |
| 7.2 ,, | 27 | 09.0 | 07.4 | 267 | 01 | 15.0 | 15.0 | 225 | 17 | 06.7 | 02.1 | 127 | 11 | 06.5 | 02.0 | 150 | 31 | 06.0 | 00.3 | 128 | | | | |
| 9.0 ,, | 17 | 14.9 | 13.3 | 246 | | | | | 13 | 08.5 | 06.7 | 192 | 06 | 08.3 | 07.7 | 213 | 30 | 07.9 | 05.1 | 209 | | | | |

| STATION | NAGPUR/SONEGAON | | | | | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.5 | 01.4 | 041 | 31 | 01.8 | 01.2 | 052 | 31 | 01.1 | 00.5 | 050 | 31 | 01.4 | 00.8 | 073 | 31 | 01.2 | 00.7 | 321 | 31 | 01.5 | 01.0 | 217 |
| .15 A.G.L. | 30 | 04.8 | 04.2 | 059 | 31 | 02.8 | 02.2 | 055 | 30 | 02.4 | 01.4 | 056 | 31 | 05.8 | 04.4 | 086 | 31 | 04.7 | 02.1 | 322 | 31 | 03.7 | 01.0 | 262 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 31 | 04.0 | 02.0 | 314 | 31 | 03.7 | 02.1 | 205 |
| .6 ,, | 30 | 04.6 | 03.9 | 069 | 31 | 03.1 | 02.1 | 080 | 30 | 02.3 | 01.4 | 057 | 31 | 05.6 | 04.1 | 098 | 31 | 05.6 | 03.0 | 320 | 31 | 04.8 | 01.2 | 305 |
| .9 ,, | 30 | 04.0 | 02.8 | 091 | 30 | 03.5 | 01.7 | 108 | 30 | 02.4 | 01.3 | 053 | 31 | 04.4 | 02.7 | 099 | 31 | 06.0 | 03.0 | 322 | 31 | 05.4 | 02.4 | 304 |
| 1.5 ,, | 30 | 03.7 | 00.2 | 212 | 30 | 03.7 | 00.8 | 220 | 30 | 02.9 | 01.0 | 355 | 31 | 03.3 | 00.6 | 065 | 31 | 06.7 | 04.9 | 305 | 31 | 05.5 | 03.5 | 302 |
| 2.1 ,, | 30 | 05.0 | 02.7 | 273 | 29 | 04.7 | 02.6 | 283 | 30 | 04.3 | 02.7 | 291 | 31 | 04.2 | 02.0 | 267 | 31 | 07.5 | 05.4 | 292 | 31 | 06.0 | 04.0 | 300 |
| 3.0 ,, | 30 | 07.3 | 04.2 | 277 | 28 | 08.1 | 05.6 | 275 | 30 | 07.7 | 05.9 | 270 | 30 | 07.4 | 05.3 | 265 | 31 | 07.2 | 06.0 | 299 | 30 | 06.7 | 04.7 | 290 |
| 3.6 ,, | 30 | 08.9 | 06.9 | 265 | 27 | 09.4 | 07.6 | 269 | 29 | 09.7 | 07.6 | 261 | 14 | 07.6 | 06.4 | 281 | 31 | 08.0 | 06.5 | 285 | 30 | 07.8 | 05.8 | 286 |
| 4.5 ,, | 30 | 10.6 | 09.3 | 269 | 25 | 10.9 | 09.7 | 271 | 29 | 10.8 | 09.0 | 267 | 03 | 13.3 | 13.3 | 285 | 31 | 10.6 | 08.3 | 265 | 29 | 10.5 | 08.2 | 283 |
| 5.4 ,, | 30 | 13.9 | 12.5 | 269 | 23 | 14.0 | 13.0 | 271 | 28 | 13.5 | 11.9 | 269 | | | | | 31 | 14.0 | 10.7 | 275 | 29 | 13.6 | 11.2 | 277 |
| 6.0 ,, | 30 | 15.6 | 14.5 | 263 | 22 | 16.4 | 15.9 | 268 | 28 | 15.9 | 14.6 | 269 | | | | | 31 | 16.1 | 12.3 | 271 | 29 | 16.3 | 13.3 | 273 |
| 7.2 ,, | 30 | 19.6 | 18.8 | 263 | 20 | 22.0 | 21.4 | 268 | 28 | 19.6 | 18.9 | 265 | | | | | 31 | 20.8 | 17.3 | 270 | 26 | 21.7 | 19.3 | 273 |
| 9.0 ,, | 30 | 25.0 | 24.3 | 260 | 13 | 31.8 | 31.2 | 262 | 28 | 25.2 | 24.5 | 262 | | | | | 31 | 32.4 | 30.8 | 270 | 06 | 17.0 | 16.5 | 274 |

| STATION | NEW DELHI/SAFDARJUNG | | | | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.3 | 00.8 | 314 | 31 | 00.0 | 00.0 | 000 | 31 | 01.2 | 00.4 | 255 | 31 | 00.1 | 00.1 | 315 | 31 | 03.8 | 03.2 | 055 | 31 | 04.0 | 03.4 | 061 |
| .15 A.G.L. | 31 | 03.9 | 01.9 | 310 | 31 | 03.3 | 01.5 | 093 | 31 | 03.8 | 00.1 | 215 | 31 | 03.9 | 01.3 | 287 | 31 | 05.8 | 05.1 | 054 | 31 | 06.0 | 05.3 | 059 |
| .3A.M.S.L. | 31 | 03.3 | 01.5 | 314 | | | | | | | | | | | | | 31 | 05.8 | 05.2 | 056 | 31 | 06.7 | 05.9 | 063 |
| .6 ,, | 31 | 03.8 | 02.3 | 318 | 31 | 01.6 | 00.6 | 183 | 31 | 02.9 | 00.0 | 070 | 31 | 01.7 | 00.6 | 228 | 31 | 06.2 | 05.7 | 068 | 29 | 07.0 | 06.2 | 072 |
| .9 ,, | 31 | 04.4 | 02.8 | 307 | 31 | 04.7 | 02.7 | 096 | 31 | 04.0 | 00.3 | 085 | 31 | 04.7 | 01.5 | 336 | 31 | 07.0 | 06.2 | 082 | 29 | 07.3 | 06.3 | 085 |
| 1.5 ,, | 31 | 06.1 | 04.7 | 311 | 31 | 06.5 | 04.0 | 129 | 31 | 03.5 | 01.1 | 192 | 31 | 05.3 | 02.1 | 089 | 31 | 07.6 | 06.8 | 100 | 24 | 08.0 | 06.4 | 102 |
| 2.1 ,, | 31 | 06.5 | 06.2 | 312 | 30 | 05.9 | 04.0 | 172 | 31 | 04.3 | 02.4 | 200 | 31 | 05.5 | 02.9 | 138 | 31 | 06.7 | 05.8 | 100 | 18 | 07.8 | 06.3 | 096 |
| 3.0 ,, | 31 | 07.5 | 05.9 | 307 | 29 | 06.0 | 04.3 | 227 | 28 | 04.8 | 02.2 | 245 | 30 | 06.0 | 02.9 | 188 | 31 | 05.5 | 04.3 | 092 | 16 | 12.0 | 04.0 | 105 |
| 3.6 ,, | 31 | 08.3 | 06.5 | 299 | 25 | 07.3 | 06.1 | 261 | 27 | 06.4 | 04.5 | 269 | 27 | 06.6 | 03.9 | 235 | 31 | 04.9 | 03.4 | 101 | 13 | 05.2 | 03.8 | 105 |
| 4.5 ,, | 31 | 09.6 | 07.6 | 292 | 09 | 09.1 | 08.3 | 267 | 24 | 09.4 | 08.2 | 271 | 06 | 09.2 | 08.7 | 269 | 31 | 04.4 | 02.9 | 114 | 10 | 04.8 | 03.9 | 093 |
| 5.4 ,, | 31 | 12.5 | 10.3 | 284 | 01 | 09.0 | 09.0 | 270 | 24 | 13.1 | 11.9 | 267 | 03 | 12.3 | 11.9 | 254 | 31 | 04.5 | 02.5 | 108 | 09 | 05.0 | 03.9 | 094 |
| 6.0 ,, | 31 | 14.7 | 12.7 | 282 | 01 | 10.0 | 10.0 | 265 | 24 | 14.7 | 13.6 | 271 | 01 | 14.0 | 14.0 | 235 | 31 | 04.9 | 02.4 | 124 | 08 | 05.0 | 04.5 | 094 |
| 7.2 ,, | 31 | 21.0 | 18.2 | 271 | | | | | 16 | 17.1 | 16.5 | 263 | | | | | 31 | 05.8 | 02.2 | 117 | 09 | 04.7 | 02.8 | 103 |
| 9.0 ,, | 30 | 28.2 | 24.7 | 270 | | | | | 10 | 27.4 | 26.4 | 260 | | | | | 27 | 07.8 | 04.2 | 184 | 09 | 07.1 | 05.6 | 182 |

| STATION | PORT BLAIR | | | | | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.5 | 03.9 | 048 | 31 | 03.6 | 03.3 | 050 | 31 | 00.7 | 00.6 | 034 | 31 | 01.3 | 00.7 | 011 | 31 | 01.2 | 00.7 | 069 | 31 | 00.6 | 00.2 | 013 |
| .15 A.G.L. | 31 | 06.2 | 05.6 | 049 | 30 | 05.8 | 04.8 | 065 | 28 | 04.4 | 03.9 | 060 | 31 | 03.3 | 02.6 | 025 | 31 | 04.8 | 03.8 | 079 | 20 | 03.1 | 01.2 | 305 |
| .3A.M.S.L. | 31 | 06.0 | 05.4 | 050 | 30 | 05.9 | 05.4 | 055 | | | | | | | | | | | | | 20 | 02.9 | 01.2 | 302 |
| .6 ,, | 31 | 06.7 | 06.2 | 057 | 30 | 06.6 | 06.0 | 064 | 28 | 04.6 | 03.8 | 075 | 31 | 03.4 | 02.2 | 026 | 31 | 04.6 | 03.5 | 073 | 20 | 02.9 | 00.9 | 255 |
| .9 ,, | 31 | 06.6 | 05.7 | 073 | 26 | 06.4 | 05.4 | 075 | 28 | 04.2 | 02.7 | 074 | 31 | 03.3 | 01.6 | 036 | 31 | 03.5 | 02.0 | 055 | 20 | 02.7 | 00.3 | 250 |
| 1.5 ,, | 31 | 07.1 | 05.7 | 089 | 23 | 06.0 | 04.9 | 093 | 28 | 03.6 | 00.9 | 298 | 31 | 03.0 | 01.0 | 312 | 30 | 03.5 | 00.9 | 320 | 20 | 03.5 | 00.4 | 340 |
| 2.1 ,, | 31 | 06.1 | 05.0 | 095 | 20 | 05.7 | 04.5 | 100 | 28 | 06.0 | 03.5 | 252 | 29 | 05.1 | 03.5 | 294 | 29 | 04.8 | 03.0 | 277 | 19 | 03.9 | 02.5 | 282 |
| 3.0 ,, | 31 | 05.1 | 03.8 | 083 | 16 | 05.6 | 03.4 | 102 | 27 | 08.1 | 05.9 | 288 | 27 | 08.2 | 06.2 | 278 | 27 | 07.6 | 05.5 | 275 | 12 | 10.0 | 07.7 | 289 |
| 3.6 ,, | 31 | 04.6 | 03.0 | 083 | 10 | 03.8 | 02.8 | 080 | 27 | 09.9 | 07.9 | 278 | 26 | 09.4 | 07.6 | 275 | 21 | 08.9 | 07.1 | 278 | 06 | 10.0 | 09.9 | 274 |
| 4.5 ,, | 30 | 04.5 | 02.7 | 091 | 06 | 04.0 | 03.1 | 097 | 23 | 10.4 | 09.1 | 284 | 25 | 12.2 | 11.2 | 274 | 11 | 11.3 | 10.3 | 279 | 02 | 07.0 | 06.9 | 262 |
| 5.4 ,, | 29 | 05.8 | 04.3 | 122 | 05 | 05.6 | 02.6 | 199 | 21 | 13.9 | 12.8 | 271 | 21 | 15.1 | 13.9 | 275 | 03 | 15.7 | 13.3 | 268 | | | | |
| 6.0 ,, | 29 | 06.0 | 03.9 | 118 | 04 | 06.3 | 05.3 | 141 | 20 | 16.7 | 15.5 | 271 | 21 | 17.4 | 16.3 | 272 | | | | | | | | |
| 7.2 ,, | 28 | 06.2 | 03.7 | 132 | | | | | 16 | 19.5 | 18.8 | 264 | 16 | 20.4 | 19.6 | 267 | | | | | | | | |
| 9.0 ,, | 28 | 07.1 | 03.8 | 207 | | | | | 08 | 27.8 | 27.3 | 263 | 09 | 25.5 | 25.1 | 263 | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | RAXAUL | SRINAGAR | | | TIRUCHIRAPPALLI | | |
|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | 0530 * | 1730 * | | 0530 | 1730 | 2330 |
| HT IN KM. | N S V D | N S V D | N S V D | | N S V D | N S V D | N S V D |
| SURFACE | 31 01.1 00.7 245 | 20 00.1 00.1 180 | 27 00.4 00.1 159 | | 31 02.9 02.1 007 | 31 03.6 02.9 060 | 31 03.5 02.8 065 |
| .15 A.G.L. | 29 03.1 02.2 250 | 19 01.6 01.4 153 | 26 01.5 00.5 178 | | 29 06.6 04.9 023 | 31 05.2 04.5 066 | 31 07.2 06.0 068 |
| .3A.M.S.L. | 29 03.3 02.4 253 | | | | 29 07.0 05.1 031 | 31 05.4 04.6 065 | 31 07.9 06.6 068 |
| .6 ,, | 29 03.3 02.1 262 | | | | 28 08.0 06.1 052 | 31 06.3 05.3 063 | 31 08.1 07.2 066 |
| .9 ,, | 29 03.3 01.1 241 | | | | 28 07.3 05.7 060 | 31 06.4 05.5 059 | 31 07.4 06.8 058 |
| 1.5 ,, | 29 03.5 00.6 011 | | | | 25 07.4 05.8 063 | 31 06.1 05.1 052 | 31 06.1 05.1 057 |
| 2.1 ,, | 29 05.0 03.1 299 | 19 01.3 00.7 143 | 26 01.7 00.5 172 | | 22 06.7 04.6 073 | 27 05.9 03.8 048 | 29 05.6 03.8 065 |
| 3.0 ,, | 29 07.7 06.3 287 | 19 01.9 00.6 047 | 26 02.7 00.2 173 | | 21 04.9 02.4 080 | 25 04.9 01.4 035 | 28 04.4 01.8 070 |
| 3.6 ,, | 26 08.8 08.0 288 | 19 03.4 02.0 143 | 26 03.1 01.8 155 | | 20 03.9 00.7 065 | 24 04.7 00.5 008 | 23 03.3 01.3 109 |
| 4.5 ,, | 14 10.4 09.6 283 | 19 05.9 01.1 175 | 26 04.4 01.8 182 | | 14 04.4 01.1 018 | 21 04.0 01.1 332 | 18 03.3 00.2 118 |
| 5.4 ,, | 09 14.1 13.6 277 | 19 09.6 04.8 285 | 26 07.2 03.4 243 | | 13 04.7 00.3 055 | 16 04.6 01.5 308 | 10 05.9 04.0 245 |
| 6.0 ,, | 04 15.7 15.4 268 | 19 11.6 07.5 287 | 26 09.6 06.5 285 | | 13 04.7 01.0 180 | 15 04.3 01.5 279 | 05 06.8 05.8 270 |
| 7.2 ,, | 04 22.0 21.9 266 | 18 17.0 12.4 299 | 26 15.6 08.6 296 | | 11 06.0 02.6 245 | 10 06.3 04.7 281 | |
| 9.0 ,, | | 18 23.3 19.1 304 | 26 19.8 16.3 278 | | 04 12.5 10.9 270 | 02 06.0 05.9 203 | |

| STATION | TRIVANDRUM | | | | UDAIPUR | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 * | 1130 | 1730 * | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 31 01.9 01.4 021 | 31 01.4 00.4 340 | 31 03.4 02.7 255 | 31 01.5 00.9 330 | 31 00.1 00.1 333 | 31 00.4 00.5 114 |
| .15 A.G.L. | 31 02.4 01.4 015 | 31 02.0 00.6 308 | 31 03.3 02.7 259 | 31 02.8 01.6 308 | 31 02.4 01.7 040 | 30 02.7 01.4 094 |
| .3A.M.S.L. | 31 02.5 01.4 015 | 31 02.1 00.5 313 | 31 03.3 02.7 262 | 31 02.8 01.6 311 | | |
| .6 ,, | 31 02.3 00.9 027 | 31 02.1 00.8 024 | 31 02.8 01.2 320 | 31 02.9 01.4 335 | | |
| .9 ,, | 31 03.0 01.4 061 | 29 03.0 01.6 049 | 31 03.3 02.4 031 | 31 03.1 02.0 038 | 31 03.6 02.6 080 | 30 02.9 01.8 084 |
| 1.5 ,, | 31 03.5 01.8 074 | 25 04.0 02.1 062 | 31 04.0 03.3 046 | 29 04.9 03.2 061 | 31 04.6 01.4 115 | 30 02.8 00.4 046 |
| 2.1 ,, | 31 03.6 01.9 083 | 21 03.7 01.3 027 | 31 05.1 03.4 051 | 26 04.9 02.9 067 | 31 04.8 00.9 260 | 30 03.6 01.1 313 |
| 3.0 ,, | 31 03.6 01.5 091 | 19 04.6 01.5 102 | 31 04.9 02.0 068 | 22 04.3 01.3 065 | 31 06.2 03.7 276 | 30 05.3 03.0 284 |
| 3.6 ,, | 31 03.8 01.0 098 | 13 05.8 02.9 089 | 31 04.2 01.6 055 | 16 03.3 01.6 098 | 31 07.6 05.4 280 | 30 07.8 04.9 279 |
| 4.5 ,, | 31 04.0 01.1 112 | 09 05.8 02.6 143 | 31 03.6 01.3 087 | 09 02.2 00.8 187 | 31 11.0 08.8 273 | 29 11.5 08.7 273 |
| 5.4 ,, | 31 04.6 02.0 109 | 06 05.7 03.2 143 | 31 04.6 01.0 074 | 03 03.0 02.0 167 | 29 14.5 10.5 273 | 29 15.0 12.7 273 |
| 6.0 ,, | 31 05.2 01.3 100 | 05 06.6 03.8 109 | 31 05.1 01.0 092 | 03 03.3 01.2 162 | 27 17.6 15.8 272 | 29 16.4 14.4 273 |
| 7.2 ,, | 31 05.3 00.4 080 | 05 07.2 04.2 071 | 31 05.7 01.1 178 | 01 03.0 03.0 270 | 20 19.5 18.0 265 | 27 20.2 19.3 274 |
| 9.0 ,, | 31 06.5 04.3 213 | 05 08.0 06.5 162 | 31 07.1 03.9 211 | | 14 25.6 24.1 271 | 12 23.6 22.2 275 |

| STATION | UDAIPUR | VENGURLA | | | VERAVAL | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 31 00.3 00.3 049 | 31 00.8 00.8 005 | 31 02.0 01.8 264 | 31 00.7 00.7 359 | 31 03.9 03.6 027 | 31 05.6 02.6 235 |
| .15 A.G.L. | 31 03.6 02.1 050 | 31 04.8 03.7 027 | 31 03.6 03.2 278 | 31 04.5 03.9 001 | 31 09.9 08.5 031 | 31 05.4 02.2 225 |
| .3A.M.S.L. | | 31 05.0 03.0 026 | 31 03.6 02.7 278 | 31 04.6 03.9 353 | 31 08.8 07.3 032 | 31 05.2 01.1 237 |
| .6 ,, | | 31 04.9 01.3 039 | 31 03.3 00.3 352 | 31 04.3 02.1 360 | 31 06.2 04.7 032 | 31 04.5 01.0 003 |
| .9 ,, | 31 04.8 02.8 063 | 31 04.9 01.2 127 | 31 03.6 00.8 066 | 31 04.2 01.0 051 | 31 04.9 02.8 043 | 31 04.2 02.2 025 |
| 1.5 ,, | 31 05.0 02.0 095 | 31 05.7 02.8 157 | 31 05.6 02.3 119 | 31 05.2 02.8 125 | 30 04.7 01.6 136 | 31 04.9 03.4 036 |
| 2.1 ,, | 31 04.0 01.1 132 | 31 05.5 02.8 183 | 31 05.8 01.8 159 | 30 05.5 02.1 137 | 30 06.0 01.0 202 | 31 05.1 01.8 028 |
| 3.0 ,, | 31 05.5 02.3 251 | 29 05.3 03.5 234 | 31 05.3 02.4 238 | 29 04.5 01.7 222 | 29 06.6 03.7 267 | 31 06.5 02.8 299 |
| 3.6 ,, | 29 07.6 05.8 255 | 05 05.6 04.2 301 | 30 06.4 03.2 266 | 15 05.1 02.0 266 | 10 07.9 03.8 276 | 31 07.8 04.8 297 |
| 4.5 ,, | 16 09.3 08.2 275 | | 28 07.5 05.7 270 | | 05 09.6 06.6 269 | 31 11.1 09.4 281 |
| 5.4 ,, | | | 26 08.8 07.9 269 | | | 30 14.5 13.5 278 |
| 6.0 ,, | | | 26 10.7 10.0 267 | | | 30 16.1 15.3 272 |
| 7.2 ,, | | | 21 14.7 13.7 263 | | | 29 21.8 20.6 265 |
| 9.0 ,, | | | 08 21.0 19.7 253 | | | 17 27.7 26.4 260 |

| STATION | VERAVA L | VIJAYVADA/GANNAVARAM | | | VISAKHAPATNAM | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 * | 1130 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 31 02.2 01.5 012 | 31 03.0 02.6 066 | 31 03.1 02.8 122 | 31 01.9 01.6 090 | 31 04.5 04.2 028 | 31 03.1 02.5 064 |
| .15 A.G.L. | 31 05.5 03.5 357 | 30 06.0 05.3 085 | 31 04.7 04.1 122 | 31 07.0 06.1 107 | 28 08.4 08.1 030 | 31 06.0 04.8 062 |
| .3A.M.S.L. | 31 06.0 03.6 005 | 30 06.9 06.0 096 | 31 04.9 04.3 120 | 31 07.5 06.4 111 | 28 07.9 07.1 033 | 31 06.1 04.8 057 |
| .6 ,, | 31 06.1 03.4 027 | 30 07.0 05.3 106 | 31 04.8 04.0 106 | 31 06.6 05.6 103 | 28 05.5 04.5 057 | 31 05.6 04.1 053 |
| .9 ,, | 31 05.7 03.4 042 | 29 05.9 04.8 110 | 31 04.5 03.4 092 | 31 05.3 04.1 093 | 28 05.1 04.0 063 | 31 04.9 02.9 059 |
| 1.5 ,, | 31 04.9 03.2 069 | 27 05.1 03.1 114 | 31 04.1 01.6 051 | 30 05.0 01.7 081 | 28 05.3 01.1 070 | 31 05.4 00.6 071 |
| 2.1 ,, | 31 05.4 01.8 082 | 25 04.8 01.6 138 | 31 05.0 01.3 353 | 30 04.8 00.4 331 | 28 06.6 01.8 218 | 27 05.7 01.1 322 |
| 3.0 ,, | 30 06.4 01.6 274 | 23 05.4 02.2 284 | 30 05.3 02.5 276 | 30 05.6 03.4 258 | 28 08.7 04.8 255 | 27 06.1 03.6 281 |
| 3.6 ,, | 17 06.9 05.1 284 | 21 05.7 04.2 268 | 27 06.6 05.1 263 | 24 06.7 05.8 263 | 28 09.3 06.4 260 | 25 07.0 05.1 276 |
| 4.5 ,, | 13 09.2 08.0 283 | 21 07.8 06.4 264 | 26 08.7 07.6 263 | 16 08.3 07.7 267 | 28 11.3 09.2 266 | 23 09.0 07.7 267 |
| 5.4 ,, | 07 12.4 11.0 278 | 20 10.3 08.9 261 | 23 10.1 09.7 262 | 09 10.8 10.0 266 | 27 12.3 10.4 262 | 20 11.5 10.4 266 |
| 6.0 ,, | 06 14.5 12.7 274 | 20 11.7 10.8 262 | 22 11.9 11.3 257 | 05 12.0 12.0 250 | 27 13.9 11.8 258 | 20 12.9 11.9 264 |
| 7.2 ,, | 01 07.0 07.0 225 | 19 15.3 14.2 260 | 18 15.0 14.6 262 | | 27 17.8 16.0 258 | 17 16.4 15.7 255 |
| 9.0 ,, | | 13 22.4 22.3 250 | 07 22.1 21.9 252 | | 27 23.2 20.8 262 | 14 22.8 22.3 247 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STATION | VISAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.0 | 03.5 | 041 | 31 | 02.2 | 01.6 | 045 | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 31 | 07.2 | 06.5 | 046 | 30 | 04.7 | 03.5 | 118 | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 07.0 | 06.0 | 049 | 30 | 04.8 | 03.5 | 068 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 05.4 | 03.8 | 072 | 30 | 05.0 | 03.8 | 075 | | | | | | | | | | | | | | | | |
| .9 ,, | 31 | 04.7 | 02.7 | 050 | 29 | 03.4 | 02.0 | 066 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 31 | 06.0 | 02.5 | 352 | 25 | 04.3 | 01.6 | 347 | | | | | | | | | | | | | | | | |
| 2.1 ,, | 31 | 06.7 | 03.0 | 327 | 22 | 04.2 | 01.0 | 339 | | | | | | | | | | | | | | | | |
| 3.0 ,, | 31 | 07.4 | 03.3 | 278 | 19 | 04.6 | 03.3 | 274 | | | | | | | | | | | | | | | | |
| 3.6 ,, | 31 | 08.5 | 05.5 | 268 | 10 | 06.0 | 05.1 | 282 | | | | | | | | | | | | | | | | |
| 4.5 ,, | 30 | 10.8 | 08.4 | 274 | 03 | 07.7 | 07.1 | 277 | | | | | | | | | | | | | | | | |
| 5.4 ,, | 30 | 13.9 | 10.5 | 266 | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | 30 | 14.9 | 12.0 | 262 | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | 27 | 18.1 | 17.6 | 258 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 27 | 29.0 | 28.5 | 259 | | | | | | | | | | | | | | | | | | | | |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

January 1966 (Pausa 11 - Magha 11, 1887 Saka)

Winds above 9 Km. above sea level.

| Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | AHMADABAD | | | 16.2 | 7 | 30.7 | 30.0 | 259 | | | 1730 hr. | | | | | BAREILLY | | | 18.0 | 1 | 36.0 | 36.0 | 275 |
| | | 0530 hr.* | | | 18.0 | 1 | 17.0 | 17.0 | 280 | 10.5 | 1 | 39.0 | 39.0 | 259 | | | 0530 hr. | | | | | | | |
| 10.5 | 25 | 36.2 | 35.2 | 260 | | | | | | | | | | | 10.5 | 1 | 12.0 | 12.0 | 265 | | | | | |
| 12.0 | 20 | 35.9 | 34.5 | 260 | | | | | | | | BANGALORE | | | 12.0 | 1 | 30.0 | 30.0 | 275 | | | | | |
| 14.1 | 11 | 34.2 | 33.5 | 257 | | | | | | | | 0530 hr.* | | | | | | | | | | | | |
| 16.2 | 2 | 21.5 | 21.5 | 265 | | | AMBALA | | | 10.5 | 15 | 14.5 | 12.5 | 228 | | | REGAMPET | | | | | 1130 hr. | | |
| | | 1130 hr. | | | | | 0530 hr. | | | 12.0 | 10 | 15.0 | 14.0 | 235 | | | 0530 hr. | | | 10.5 | 19 | 32.2 | 30.4 | 254 |
| 10.5 | 6 | 34.2 | 33.0 | 274 | 10.5 | 1 | 13.0 | 13.0 | 246 | 14.1 | 8 | 13.5 | 13.4 | 245 | 10.5 | 1 | 11.0 | 11.0 | 255 | 12.0 | 13 | 35.7 | 33.7 | 253 |
| 12.0 | 3 | 44.7 | 43.5 | 276 | 12.0 | 1 | 22.0 | 22.0 | 266 | 16.2 | 4 | 16.3 | 13.7 | 245 | | | | | | 14.1 | 7 | 36.7 | 34.5 | 252 |
| 14.1 | 1 | 14.0 | 14.0 | 270 | | | 1130 hr. | | | 18.0 | 1 | 19.0 | 19.0 | 260 | | | BHOPAL/ | | | 16.2 | 1 | 18.0 | 18.0 | 235 |
| | | 1730 hr.* | | | 10.5 | 4 | 24.7 | 22.7 | 267 | 21.0 | 1 | 6.0 | 6.0 | 150 | | | RAJGARH | | | 18.0 | 1 | 5.0 | 5.0 | 155 |
| 10.5 | 25 | 36.0 | 33.7 | 259 | 12.0 | 3 | 21.7 | 21.5 | 284 | | | | | | | | 0530 hr. | | | 21.0 | 1 | 5.0 | 5.0 | 070 |
| 12.0 | 19 | 31.5 | 30.3 | 261 | 14.1 | 3 | 24.3 | 24.1 | 288 | | | 1130 hr. | | | 10.5 | 7 | 35.3 | 34.7 | 266 | | | 1730 hr.* | | |
| 14.1 | 6 | 25.0 | 23.0 | 265 | 16.2 | 2 | 33.5 | 33.4 | 277 | 10.5 | 6 | 16.3 | 14.7 | 233 | 12.0 | 6 | 37.0 | 36.8 | 265 | 10.5 | 28 | 34.7 | 32.0 | 259 |
| 16.2 | 6 | 24.5 | 23.3 | 266 | | | 1730 hr. | | | 12.0 | 6 | 15.8 | 14.8 | 244 | 14.1 | 2 | 34.5 | 34.5 | 260 | 12.0 | 24 | 38.1 | 38.1 | 252 |
| 18.0 | 3 | 15.3 | 13.2 | 270 | 10.5 | 1 | 24.0 | 24.0 | 293 | 14.1 | 5 | 18.0 | 17.2 | 250 | | | 1730 hr. | | | 14.1 | 15 | 33.8 | 33.1 | 256 |
| 21.0 | 2 | 6.0 | 4.7 | 039 | | | | | | 16.2 | 4 | 12.0 | 9.3 | 240 | 10.5 | 6 | 30.0 | 29.5 | 257 | 16.2 | 5 | 16.4 | 15.5 | 265 |
| | | | | | | | ANANTAPUR | | | 18.0 | 2 | 14.5 | 14.0 | 230 | 12.0 | 1 | 30.0 | 30.0 | 245 | 18.0 | 4 | 8.3 | 4.9 | 284 |
| | | ALLAHABAD/ | | | | | 0530 hr. | | | 21.0 | 1 | 9.0 | 9.0 | 090 | | | BIKANER | | | | | | | |
| | | BAMRAULI | | | 10.5 | 3 | 23.7 | 22.2 | 287 | 24.0 | 1 | 19.0 | 19.0 | 080 | 10.5 | 2 | 0530 hr. 24.0 | 23.9 | 271 | | | | | |
| | | 0530 hr.* | | | 12.0 | 1 | 19.0 | 19.0 | 250 | 27.0 | 1 | 19.0 | 19.0 | 105 | 12.0 | 1 | 20.0 | 20.0 | 280 | | | | | |
| 10.5 | 30 | 41.2 | 40.2 | 255 | | | | | | | | 1730 hr.* | | | | | 1730 hr. | | | | | | | |
| 12.0 | 27 | 42.4 | 40.3 | 258 | | | BAHRAICH | | | 10.5 | 14 | 17.9 | 15.9 | 243 | 10.5 | 1 | 41.0 | 41.0 | 260 | | | DUM DUM/ | | |
| 14.1 | 18 | 36.9 | 36.0 | 265 | | | 0530 hr. | | | 12.0 | 11 | 23.8 | 21.5 | 230 | | | BOMBAY/ | | | | | CALCUTTA | | |
| 16.2 | 5 | 31.8 | 31.4 | 270 | 10.5 | 1 | 27.0 | 27.0 | 260 | 14.1 | 7 | 22.3 | 21.1 | 229 | | | SANTACRUZ | | | | | 0530 hr.* | | |
| 18.0 | 1 | 21.0 | 20.0 | 270 | 12.0 | 1 | 33.0 | 33.0 | 265 | 16.2 | 5 | 16.4 | 16.0 | 241 | | | 0530 hr.* | | | 10.5 | 31 | 36.0 | 35.2 | 259 |
| | | 1730 hr.* | | | | | 1130 hr. | | | 18.0 | 3 | 14.3 | 13.3 | 248 | 10.5 | 20 | 33.8 | 32.1 | 261 | 12.0 | 30 | 37.5 | 36.9 | 255 |
| 10.5 | 31 | 37.2 | 35.8 | 257 | 10.5 | 3 | 33.3 | 33.0 | 266 | 21.0 | 2 | 6.0 | 5.5 | 233 | 12.0 | 24 | 33.7 | 31.6 | 254 | 14.1 | 26 | 31.7 | 30.8 | 250 |
| 12.0 | 25 | 45.8 | 42.4 | 227 | 12.0 | 1 | 30.0 | 30.0 | 267 | | | | | | 14.1 | 10 | 34.1 | 32.5 | 261 | 16.2 | 24 | 25.5 | 25.1 | 262 |
| 14.1 | 18 | 37.4 | 35.1 | 259 | 14.1 | 1 | 32.0 | 32.0 | 265 | | | | | | 16.2 | 1 | 28.0 | 28.0 | 265 | 18.0 | 12 | 17.3 | 15.5 | 262 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

January 1966 (Pausa 11 - Magha 11, 1887 Saka)

Winds above 9 km. above sea level.

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | CALCUTTA/ | | |
| | | DUM DUM - | | |
| | | ( Contd. ) | | |
| | | 1730 hr.* | | |
| 10.5 | 31 | 36.0 | 35.5 | 256 |
| 12.0 | 29 | 38.2 | 37.6 | 254 |
| 14.1 | 26 | 32.3 | 32.0 | 258 |
| 16.2 | 24 | 25.3 | 24.7 | 262 |
| 18.0 | 9 | 19.4 | 18.2 | 267 |
| 21.0 | 2 | 13.0 | 12.5 | 261 |
| 24.0 | 1 | 8.0 | 6.0 | 280 |
| | | DIBRUGARH/ | | |
| | | MOHANBARI | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 47.0 | 46.8 | 287 |
| 12.0 | 2 | 47.0 | 31.5 | 256 |
| | | 1130 hr. | | |
| 10.5 | 8 | 32.7 | 31.1 | 274 |
| 12.0 | 1 | 35.0 | 35.0 | 280 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | GADAG | | |
| | | 0530 hr. | | |
| 10.5 | 18 | 22.1 | 20.6 | 247 |
| 12.0 | 16 | 22.3 | 20.7 | 246 |
| 14.1 | 12 | 20.2 | 18.1 | 240 |
| 10.5 | 10 | 15.3 | 13.2 | 255 |
| 18.0 | 8 | 6.6 | 3.7 | 218 |
| 21.0 | 7 | 10.6 | 7.9 | 093 |
| 24.0 | 1 | 4.0 | 4.0 | 170 |
| 27.0 | 1 | 13.0 | 13.0 | 100 |
| | | 1730 hr. | | |
| 10.5 | 11 | 20.5 | 18.5 | 240 |
| 12.0 | 9 | 22.0 | 18.8 | 246 |
| 14.1 | 6 | 18.3 | 15.5 | 245 |
| 16.2 | 6 | 14.8 | 14.0 | 267 |
| 18.0 | 5 | 6.4 | 2.5 | 236 |
| 21.0 | 3 | 3.7 | 2.8 | 287 |
| | | GANGTOK | | |
| | | 0830 hr. | | |
| 10.5 | 1 | 31.0 | 31.0 | 255 |
| 12.0 | 1 | 48.0 | 48.0 | 255 |
| | | 1730 hr. | | |
| 10.5 | 2 | 34.0 | 33.1 | 268 |
| | | GAUHATI | | |
| | | 0530 hr.* | | |
| 10.5 | 21 | 48.9 | 48.6 | 259 |
| 12.0 | 16 | 35.1 | 34.4 | 258 |
| 14.1 | 3 | 27.0 | 27.0 | 271 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 16.2 | 1 | 27.0 | 27.0 | 270 |
| | | 1130 hr. | | |
| 10.5 | 1 | 41.0 | 41.0 | 260 |
| | | 1730 hr.* | | |
| 10.5 | 22 | 50.5 | 50.0 | 257 |
| 12.0 | 17 | 58.5 | 57.5 | 256 |
| 14.1 | 5 | 38.2 | 37.8 | 262 |
| 16.2 | 2 | 16.0 | 15.7 | 290 |
| 18.0 | 1 | 4.0 | 4.0 | 070 |
| | | GAYA | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 36.0 | 36.0 | 260 |
| | | GWALIOR | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 31.7 | 29.8 | 278 |
| 12.0 | 4 | 38.0 | 37.8 | 265 |
| 14.1 | 3 | 34.0 | 33.6 | 268 |
| | | 1130 hr. | | |
| 10.5 | 11 | 31.2 | 30.7 | 257 |
| 12.0 | 4 | 34.0 | 33.5 | 263 |
| 14.1 | 3 | 37.7 | 37.7 | 262 |
| 16.2 | 1 | 36.0 | 36.0 | 270 |
| 18.0 | 1 | 35.0 | 35.0 | 275 |
| | | 1730 hr. | | |
| 10.5 | 8 | 32.0 | 30.3 | 266 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 12.0 | 5 | 33.6 | 31.7 | 253 |
| 14.1 | 3 | 35.0 | 32.2 | 243 |
| 16.2 | 1 | 40.0 | 40.0 | 205 |
| 18.0 | 1 | 35.0 | 35.0 | 205 |
| | | IMPHAL/ | | |
| | | TULIHAL | | |
| | | 1130 hr. | | |
| 10.5 | 16 | 59.7 | 57.8 | 258 |
| 12.0 | 14 | 61.5 | 60.6 | 261 |
| 14.1 | 5 | 51.4 | 50.2 | 268 |
| 16.2 | 1 | 14.0 | 14.0 | 265 |
| 18.0 | 1 | 8.0 | 8.0 | 240 |
| 21.0 | 1 | 2.0 | 2.0 | 232 |
| 24.0 | 1 | 9.0 | 9.0 | 240 |
| 27.0 | 1 | 9.0 | 9.0 | 205 |
| 30.0 | 1 | 5.0 | 5.0 | 190 |
| | | 1730 hr. | | |
| 10.5 | 2 | 62.5 | 62.2 | 270 |
| 12.0 | 1 | 51.0 | 51.0 | 270 |
| | | JABALPUR | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 43.0 | 43.0 | 265 |
| | | JAGDALPUR | | |
| | | 0530 hr. | | |
| 10.5 | 4 | 23.7 | 23.7 | 259 |
| 12.0 | 2 | 22.0 | 22.0 | 278 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1730 hr. | | |
| 10.5 | 5 | 25.4 | 24.9 | 256 |
| 12.0 | 3 | 31.6 | 30.3 | 256 |
| 14.1 | 1 | 28.0 | 28.0 | 285 |
| | | LUCKNOW/AMAUSI | | |
| | | 1730 hrs. | | |
| 10.5 | 3 | 28.7 | 28.1 | 263 |
| | | MADRAS/MINAMBAKKAM | | |
| | | 0830 hr.* | | |
| 10.5 | 31 | 14.4 | 13.2 | 230 |
| 12.0 | 31 | 16.7 | 14.7 | 230 |
| 14.1 | 30 | 18.0 | 17.6 | 243 |
| 16.2 | 22 | 13.3 | 12.1 | 230 |
| 18.0 | 15 | 8.2 | 4.0 | 128 |
| 21.0 | 4 | 12.3 | 9.6 | 068 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 15.6 | 14.3 | 225 |
| 12.0 | 30 | 17.0 | 14.6 | 220 |
| 14.1 | 28 | 16.8 | 15.9 | 236 |
| 16.2 | 15 | 12.0 | 10.3 | 240 |
| 18.0 | 6 | 4.3 | 1.4 | 243 |
| 21.0 | 3 | 6.0 | 3.2 | 108 |
| | | 2330 hr. | | |
| 10.5 | 1 | 7.0 | 7.0 | 070 |
| 12.0 | 1 | 14.0 | 14.0 | 085 |
| 14.1 | 1 | 7.0 | 7.0 | 180 |
| 16.2 | 1 | 7.0 | 7.0 | 280 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

January 1966 (Pausa 11 - Magha 11, 1887 Saka)

Winds above 9 Km. above sea level.

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **MANGALORE/** | | |
| | | **BAJPE** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 11.3 | 10.0 | 209 |
| 12.0 | 1 | 17.0 | 17.0 | 230 |
| 14.1 | 1 | 15.0 | 15.0 | 220 |
| 16.2 | 1 | 20.0 | 20.0 | 230 |
| 18.0 | 1 | 15.0 | 15.0 | 215 |
| 21.0 | 1 | 8.0 | 8.0 | 080 |
| | | 1730 hr. | | |
| 10.5 | 12 | 18.5 | 17.2 | 230 |
| 12.0 | 8 | 18.7 | 14.8 | 225 |
| 14.1 | 5 | 17.6 | 13.1 | 229 |
| 16.2 | 3 | 18.3 | 16.3 | 242 |
| 18.0 | 3 | 9.0 | 9.0 | 239 |
| 21.0 | 2 | 5.5 | 6.1 | 092 |
| 24.0 | 1 | 14.0 | 14.0 | 200 |
| 27.0 | 1 | 34.0 | 34.0 | 220 |
| | | **MINICOY** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 12.4 | 8.4 | 228 |
| 12.0 | 6 | 13.5 | 10.0 | 220 |
| 14.1 | 6 | 15.5 | 14.4 | 251 |
| 16.2 | 1 | 2.0 | 2.0 | 213 |
| | | 1130 hr. | | |
| 10.5 | 4 | 12.0 | 10.5 | 181 |
| 12.0 | 4 | 8.3 | 6.3 | 230 |
| 14.1 | 3 | 11.3 | 11.1 | 258 |
| 16.2 | 1 | 4.0 | 4.0 | 290 |

| Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1730 hr.* | | |
| 10.5 | 29 | 10.8 | 7.9 | 209 |
| 12.0 | 26 | 12.5 | 8.8 | 227 |
| 14.1 | 21 | 13.5 | 10.4 | 245 |
| 16.2 | 19 | 12.4 | 9.4 | 240 |
| 18.0 | 11 | 7.5 | 2.6 | 152 |
| 21.0 | 5 | 14.8 | 14.5 | 098 |
| 24.0 | 1 | 33.0 | 33.0 | 084 |
| | | **NAGPUR/** | | |
| | | **SONEGAON** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 29.9 | 29.3 | 257 |
| 12.0 | 30 | 29.2 | 29.0 | 254 |
| 14.1 | 18 | 25.3 | 24.5 | 260 |
| 16.2 | 7 | 16.3 | 16.1 | 262 |
| 18.0 | 4 | 10.5 | 9.8 | 261 |
| | | 1130 hr. | | |
| 10.5 | 9 | 34.2 | 33.9 | 254 |
| 12.0 | 3 | 34.0 | 33.0 | 255 |
| 14.1 | 1 | 29.0 | 29.0 | 255 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 29.3 | 28.3 | 253 |
| 12.0 | 25 | 30.0 | 29.2 | 252 |
| 14.1 | 13 | 27.1 | 26.3 | 251 |

| Km. | n | V | v | D |
|---|---|---|---|---|
| 16.2 | 5 | 13.6 | 12.6 | 271 |
| 18.0 | 4 | 12.5 | 8.6 | 262 |
| | | **NEW DELHI/** | | |
| | | **SARDARJUNG** | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 37.7 | 35.0 | 268 |
| 12.0 | 31 | 42.6 | 40.5 | 267 |
| 14.1 | 26 | 35.7 | 34.7 | 270 |
| 16.2 | 19 | 24.9 | 24.5 | 270 |
| 18.0 | 13 | 18.4 | 18.1 | 276 |
| 21.0 | 10 | 11.6 | 11.5 | 275 |
| 24.0 | 5 | 16.6 | 16.5 | 268 |
| 27.0 | 1 | 16.0 | 16.0 | 090 |
| | | 1130 hr. | | |
| 10.5 | 1 | 12.0 | 12.0 | 270 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 36.7 | 33.8 | 268 |
| 12.0 | 29 | 39.1 | 37.8 | 264 |
| 14.1 | 20 | 34.2 | 34.0 | 265 |
| 16.2 | 15 | 25.0 | 24.6 | 266 |
| 18.0 | 11 | 18.8 | 18.4 | 278 |
| 21.0 | 7 | 14.4 | 13.8 | 280 |

| Km. | n | V | v | D |
|---|---|---|---|---|
| 24.0 | 1 | 19.0 | 19.0 | 285 |
| | | **POONA** | | |
| | | 1730 hr. | | |
| 10.5 | 8 | 31.1 | 29.3 | 256 |
| 12.0 | 3 | 30.0 | 29.7 | 250 |
| 14.1 | 2 | 24.0 | 24.0 | 252 |
| | | **PORT BLAIR** | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 10.5 | 8.8 | 206 |
| 12.0 | 26 | 12.8 | 9.7 | 215 |
| 14.1 | 18 | 17.0 | 15.9 | 246 |
| 16.2 | 12 | 6.6 | 4.1 | 227 |
| 18.0 | 9 | 8.2 | 1.1 | 098 |
| 21.0 | 3 | 20.0 | 17.7 | 099 |
| 24.0 | 1 | 19.0 | 19.0 | 120 |
| | | 1130 hr. | | |
| 10.5 | 8 | 7.6 | 6.2 | 219 |
| 12.0 | 8 | 11.0 | 7.9 | 190 |
| 14.1 | 7 | 5.5 | 5.1 | 205 |
| 16.2 | 5 | 6.8 | 1.7 | 194 |
| 18.0 | 5 | 8.2 | 8.0 | 092 |
| 21.0 | 3 | 13.3 | 13.1 | 086 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 10.3 | 7.5 | 204 |

| Km. | n | V | v | D |
|---|---|---|---|---|
| 12.0 | 26 | 13.2 | 9.4 | 215 |
| 14.1 | 18 | 16.6 | 14.9 | 246 |
| 16.2 | 14 | 13.0 | 10.5 | 249 |
| 18.0 | 6 | 11.3 | 1.3 | 136 |
| | | **RAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 270 |
| 12.0 | 1 | 32.0 | 32.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 3 | 29.3 | 29.2 | 253 |
| | | **SRINAGAR** | | |
| | | 0530 hr.* | | |
| 10.5 | 15 | 27.0 | 22.4 | 298 |
| 12.0 | 14 | 28.0 | 26.5 | 290 |
| 14.1 | 8 | 30.9 | 30.6 | 285 |
| 16.2 | 1 | 36.0 | 36.0 | 300 |
| | | 1730 hr.* | | |
| 10.5 | 23 | 24.4 | 23.0 | 286 |
| 12.0 | 22 | 28.4 | 26.8 | 290 |
| 14.1 | 9 | 33.2 | 31.7 | 278 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

January 1966 (Pausa 11 - Magha 11, 1887 Saka)

Winds above 9 Km. above sea level.

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | TIRUCHCHIRAPPALLI | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 11.0 | 8.7 | 237 |
| | | 1730 hr. | | |
| 10.5 | 1 | 10.0 | 10.0 | 255 |
| 12.0 | 1 | 9.0 | 9.0 | 225 |
| | | TRIVANDRUM | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 10.0 | 7.5 | 193 |
| 12.0 | 31 | 11.7 | 8.8 | 216 |
| 14.1 | 30 | 12.9 | 11.0 | 240 |
| 16.2 | 26 | 10.2 | 8.1 | 258 |
| 18.0 | 17 | 8.1 | 3.2 | 169 |
| 21.0 | 8 | 14.3 | 11.6 | 080 |
| 24.0 | 3 | 13.7 | 13.3 | 078 |
| | | 1130 hr. | | |
| 10.5 | 5 | 10.6 | 9.2 | 195 |
| 12.0 | 3 | 9.7 | 9.6 | 240 |
| 14.1 | 3 | 12.7 | 11.2 | 247 |
| 16.2 | 3 | 7.0 | 1.0 | 325 |
| 18.0 | 1 | 8.0 | 8.0 | 070 |
| 21.0 | 1 | 6.0 | 6.0 | 120 |
| | | 1730 hr.* | | |
| 10.5 | 31 | 9.7 | 6.9 | 199 |
| 12.0 | 31 | 12.1 | 9.9 | 209 |
| 14.1 | 28 | 13.3 | 10.9 | 233 |
| 16.2 | 26 | 10.2 | 8.3 | 236 |
| 18.0 | 17 | 6.5 | 2.1 | 147 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 21.0 | 6 | 14.0 | 12.7 | 086 |
| 24.0 | 1 | 17.0 | 17.0 | 095 |
| | | UDAIPUR | | |
| | | 0530 hr. | | |
| 10.5 | 8 | 24.5 | 24.0 | 275 |
| 12.0 | 2 | 38.0 | 37.9 | 270 |
| | | 1730 hr. | | |
| 10.5 | 3 | 30.3 | 29.7 | 262 |
| | | VENGURLA | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 31.0 | 31.0 | 310 |
| | | VERAVAL | | |
| | | 1730 hr. | | |
| 10.5 | 7 | 26.3 | 23.1 | 255 |
| 12.0 | 6 | 29.3 | 29.0 | 262 |
| 14.1 | 1 | 18.0 | 18.0 | 265 |
| | | VIJAYWADA/ GANNAVARAM | | |
| | | 0530 hr. | | |
| 10.5 | 12 | 27.7 | 26.9 | 248 |
| 12.0 | 4 | 24.3 | 24.2 | 259 |
| 14.1 | 4 | 26.7 | 26.2 | 255 |
| 16.2 | 1 | 9.0 | 9.0 | 220 |
| 18.0 | 1 | 9.0 | 9.0 | 350 |
| 21.0 | 1 | 5.0 | 5.0 | 360 |
| | | 1730 hr. | | |
| 10.5 | 5 | 29.2 | 29.0 | 247 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | VISAKHAPATNAM | | |
| | | 0530 hr.* | | |
| 10.5 | 26 | 27.1 | 24.7 | 254 |
| 12.0 | 24 | 27.0 | 24.1 | 248 |
| 14.1 | 7 | 29.4 | 23.4 | 235 |
| | | 1130 hr. | | |
| 10.5 | 12 | 25.9 | 25.2 | 248 |
| 12.0 | 11 | 28.5 | 28.2 | 248 |
| 14.1 | 8 | 28.9 | 28.6 | 256 |
| 16.2 | 7 | 19.6 | 18.4 | 255 |
| 18.0 | 6 | 12.3 | 10.0 | 241 |
| 21.0 | 6 | 8.5 | 1.7 | 257 |
| 24.0 | 2 | 7.0 | 5.7 | 346 |
| | | 1730 hr.* | | |
| 10.5 | 27 | 33.2 | 31.7 | 257 |
| 12.0 | 25 | 33.5 | 28.3 | 247 |
| 14.1 | 7 | 21.1 | 11.5 | 234 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure, and humidity were made at 14 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I. M. D. Scientific Notes Nos. : 112 and 113 ( Volume IX ).

### List of Radiosonde Stations in India

| S.No. | Name of Station | Type of instrument used | Date of Starting | Hours of routine observations in G.M.T. during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Allahabad/Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947. |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 8. | Minicoy | Fan type | 12th May. 1963 | 12 | |
| 9. | Nagpur / Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 10. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 11. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 12. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 13. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 14. | Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMHRAULI ( 1005 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 912 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 288.1 | 294 | 284 | 281.1 | 31 | 00098 | 283.9 | 290 | 280 | 280.8 | 31 | 00921 | 290.5 | 293 | 287 | 288.7 |
| 1000 | 31 | 00125 | 288.1 | 294 | 285 | 280.3 | 31 | 00141 | 283.5 | 290 | 281 | 280.2 | 31 | 00134 | | | | |
| 900 | 31 | 01034 | 291.2 | 295 | 286 | 278.1 | 31 | 01030 | 285.4 | 290 | 283 | 274.9 | 31 | 01038 | 290.3 | 293 | 287 | 286.2 |
| 850 | 31 | 01522 | 287.9 | 292 | 282 | 275.2 | 31 | 01508 | 283.2 | 288 | 280 | 269.8 | 31 | 01527 | 289.6 | 293 | 287 | 284.6 |
| 800 | 31 | 02032 | 284.2 | 290 | 277 | 272.4 | 31 | 02011 | 281.5 | 285 | 277 | 266.7 | 31 | 02044 | 287.5 | 291 | 285 | 281.0 |
| 700 | 31 | 03135 | 278.5 | 284 | 271 | 265.7 | 31 | 03108 | 276.2 | 282 | 269 | 259.5 | 31 | 03159 | 282.4 | 285 | 279 | 273.6 |
| 600 | 31 | 04377 | 271.5 | 277 | 264 | 257.7 | 31 | 04343 | 269.2 | 275 | 264 | | 30 | 04425 | 276.2 | 281 | 273 | 265.9 |
| 500 | 31 | 05810 | 262.7 | 268 | 255 | | 31 | 05755 | 259.8 | 267 | 255 | | 29 | 05883 | 268.5 | 272 | 265 | |
| 400 | 31 | 07495 | 251.6 | 256 | 246 | | 31 | 07455 | 249.5 | 257 | 244 | | 29 | 07605 | 257.2 | 261 | 253 | |
| 300 | 31 | 09562 | 238.0 | 244 | 233 | | 31 | 09472 | 236.1 | 247 | 231 | | 28 | 09715 | 242.4 | 245 | 236 | |
| 250 | 31 | 10829 | 230.2 | 235 | 225 | | 31 | 10729 | 229.2 | 238 | 223 | | 27 | 10992 | 233.6 | 237 | 229 | |
| 200 | 31 | 12293 | 222.0 | 226 | 217 | | 30 | 12195 | 222.2 | 229 | 212 | | 27 | 12486 | 222.7 | 228 | 218 | |
| 175 | 28 | 13142 | 218.0 | 225 | 213 | | 30 | 13066 | 218.8 | 224 | 209 | | 26 | 13339 | 216.6 | 223 | 212 | |
| 150 | 24 | 14135 | 214.2 | 221 | 206 | | 29 | 14042 | 215.7 | 221 | 206 | | 25 | 14320 | 210.4 | 218 | 204 | |
| 125 | 21 | 15241 | 209.3 | 217 | 198 | | 27 | 15187 | 211.2 | 219 | 199 | | 21 | 15404 | 204.9 | 213 | 199 | |
| 100 | 16 | 16662 | 204.1 | 211 | 196 | | 20 | 16541 | 207.5 | 217 | 200 | | 19 | 16658 | 200.1 | 209 | 196 | |
| 80 | 11 | 17941 | 202.5 | 211 | 194 | | 09 | 17946 | 205.4 | 215 | 198 | | 16 | 18081 | 202.0 | 207 | 199 | |
| 70 | 10 | 18739 | 204.4 | 213 | 195 | | 06 | 18714 | 203.5 | 209 | 198 | | 15 | 18878 | 204.2 | 208 | 201 | |
| 60 | 07 | 19676 | 206.3 | 215 | 197 | | | | | | | | 15 | 19801 | 206.9 | 211 | 203 | |
| 50 | | | | | | | | | | | | | 14 | 20869 | 210.0 | 214 | 203 | |
| 40 | | | | | | | | | | | | | 09 | 22224 | 211.5 | 218 | 207 | |
| 30 | | | | | | | | | | | | | 05 | 23950 | 213.2 | 217 | 210 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1011 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUMDUM ( 1015 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1011 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 291.9 | 296 | 288 | 287.3 | 31 | 00006 | 287.1 | 292 | 283 | 285.3 | 31 | 00049 | 284.7 | 289 | 282 | 283.9 |
| 1000 | 30 | 00110 | 293.2 | 297 | 291 | 286.9 | 31 | 00134 | 288.1 | 292 | 283 | 284.0 | 31 | 00145 | 286.0 | 289 | 283 | 283.3 |
| 900 | 30 | 01026 | 292.8 | 297 | 288 | 280.1 | 31 | 01029 | 286.6 | 292 | 282 | 278.4 | 31 | 01035 | 286.5 | 289 | 283 | 279.5 |
| 850 | 30 | 01516 | 289.3 | 293 | 284 | 276.9 | 31 | 01508 | 284.6 | 291 | 280 | 271.1 | 31 | 01518 | 283.7 | 286 | 281 | 275.2 |
| 800 | 30 | 02035 | 286.0 | 290 | 280 | 274.7 | 31 | 02015 | 283.2 | 288 | 279 | 267.7 | 31 | 02023 | 281.1 | 283 | 279 | 270.9 |
| 700 | 30 | 03142 | 280.4 | 285 | 275 | 266.4 | 31 | 03117 | 278.6 | 284 | 273 | 262.8 | 31 | 03115 | 276.1 | 281 | 272 | 258.2 |
| 600 | 30 | 04398 | 274.3 | 278 | 270 | 259.8 | 31 | 04359 | 272.0 | 277 | 268 | 254.3 | 31 | 04352 | 270.3 | 276 | 267 | 249.7 |
| 500 | 30 | 05843 | 265.5 | 271 | 261 | | 31 | 05790 | 263.8 | 269 | 259 | | 31 | 05777 | 262.5 | 267 | 258 | |
| 400 | 30 | 07543 | 253.9 | 262 | 249 | | 31 | 07486 | 252.8 | 258 | 249 | | 30 | 07459 | 251.0 | 257 | 245 | |
| 300 | 30 | 09625 | 239.4 | 247 | 235 | | 31 | 09562 | 239.6 | 245 | 230 | | 30 | 09522 | 238.4 | 247 | 233 | |
| 250 | 29 | 10881 | 230.7 | 236 | 227 | | 31 | 10825 | 232.1 | 238 | 229 | | 29 | 10781 | 231.4 | 243 | 227 | |
| 200 | 29 | 12358 | 220.6 | 226 | 217 | | 28 | 12321 | 222.3 | 230 | 214 | | 29 | 12266 | 223.5 | 230 | 218 | |
| 175 | 21 | 13200 | 215.2 | 220 | 213 | | 26 | 13444 | 217.8 | 227 | 212 | | 28 | 13177 | 219.1 | 227 | 213 | |
| 150 | 19 | 14165 | 211.1 | 215 | 207 | | 25 | 14132 | 213.0 | 220 | 207 | | 25 | 14109 | 215.4 | 223 | 207 | |
| 125 | 15 | 14952 | 208.8 | 212 | 201 | | 25 | 15255 | 209.4 | 217 | 201 | | 22 | 15242 | 211.6 | 221 | 199 | |
| 100 | 14 | 16629 | 202.4 | 206 | 198 | | 25 | 16660 | 205.6 | 223 | 193 | | 10 | 16668 | 208.4 | 213 | 202 | |
| 80 | 09 | 17964 | 203.0 | 207 | 198 | | 16 | 17919 | 201.1 | 207 | 190 | | 05 | 18028 | 207.2 | 209 | 205 | |
| 70 | 07 | 18744 | 206.1 | 212 | 201 | | 13 | 18701 | 201.8 | 206 | 197 | | | | | | | |
| 60 | 07 | 19723 | 210.1 | 213 | 207 | | 11 | 19597 | 204.0 | 207 | 201 | | | | | | | |
| 50 | 07 | 20854 | 212.0 | 217 | 210 | | 09 | 20690 | 209.0 | 216 | 205 | | | | | | | |
| 40 | 05 | 22261 | 216.4 | 220 | 215 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1012 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 980 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 992 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00015 | 295.5 | 298 | 292 | 294.2 | 31 | 00311 | 286.7 | 290 | 283 | 280.9 | 31 | 00209 | 281.8 | 289 | 279 | 277.1 |
| 1000 | 31 | 00117 | 295.5 | 299 | 292 | 293.9 | 31 | 00137 | | | | | 31 | 00146 | | | | |
| 900 | 31 | 01030 | 291.6 | 295 | 288 | 286.7 | 31 | 01036 | 290.1 | 294 | 286 | 280.5 | 31 | 01036 | 286.6 | 291 | 283 | 280.0 |
| 850 | 31 | 01520 | 289.5 | 293 | 284 | 282.2 | 31 | 01521 | 287.2 | 291 | 285 | 276.9 | 31 | 01512 | 284.2 | 289 | 280 | 265.6 |
| 800 | 31 | 02036 | 287.1 | 291 | 281 | 279.2 | 31 | 02031 | 284.1 | 289 | 279 | 273.6 | 31 | 02016 | 281.5 | 287 | 276 | 262.4 |
| 700 | 31 | 03153 | 282.5 | 285 | 279 | 271.2 | 31 | 03135 | 278.3 | 283 | 274 | 266.8 | 31 | 03107 | 275.0 | 281 | 268 | 252.9 |
| 600 | 31 | 04415 | 275.3 | 279 | 269 | 267.5 | 31 | 04380 | 272.4 | 277 | 268 | 259.7 | 31 | 04334 | 267.4 | 271 | 261 | |
| 500 | 31 | 05874 | 268.1 | 272 | 263 | | 31 | 05818 | 263.9 | 268 | 258 | | 31 | 05737 | 258.2 | 263 | 254 | |
| 400 | 31 | 07592 | 256.7 | 261 | 253 | | 31 | 07504 | 251.9 | 256 | 246 | | 31 | 07386 | 246.4 | 251 | 243 | |
| 300 | 31 | 09707 | 242.1 | 246 | 235 | | 31 | 09572 | 238.1 | 243 | 233 | | 31 | 09409 | 233.5 | 241 | 226 | |
| 250 | 31 | 10972 | 232.9 | 239 | 228 | | 31 | 10820 | 228.9 | 233 | 223 | | 31 | 10638 | 226.7 | 234 | 220 | |
| 200 | 31 | 12462 | 221.8 | 229 | 216 | | 31 | 12287 | 220.2 | 226 | 213 | | 31 | 12001 | 221.5 | 231 | 213 | |
| 175 | 30 | 13304 | 216.0 | 222 | 210 | | 28 | 13126 | 215.4 | 221 | 209 | | 31 | 12963 | 219.7 | 228 | 210 | |
| 150 | 29 | 14280 | 209.8 | 217 | 203 | | 27 | 14107 | 210.6 | 217 | 203 | | 29 | 13917 | 217.8 | 225 | 209 | |
| 125 | 25 | 15389 | 205.4 | 211 | 198 | | 23 | 15218 | 207.4 | 213 | 201 | | 27 | 15102 | 214.3 | 220 | 206 | |
| 100 | 21 | 16741 | 200.2 | 205 | 193 | | 22 | 16579 | 203.5 | 209 | 199 | | 27 | 16490 | 210.0 | 215 | 203 | |
| 80 | 18 | 18061 | 199.6 | 205 | 195 | | 17 | 17932 | 201.5 | 207 | 195 | | 24 | 17878 | 208.[illegible] | 214 | 200 | |
| 70 | 13 | 18854 | 200.8 | 206 | 195 | | 12 | 18743 | 204.0 | 209 | 201 | | 23 | 18703 | 209.[illegible] | 216 | 201 | |
| 60 | 08 | 19775 | 205.6 | 211 | 202 | | 09 | 19784 | 207.7 | 214 | 205 | | 22 | 19645 | 211.1 | 216 | 205 | |
| 50 | | | | | | | 07 | 20735 | 211.9 | 215 | 208 | | 18 | 20785 | 213.4 | 221 | 208 | |
| 40 | | | | | | | | | | | | | 12 | 22250 | 215.5 | 223 | 211 | |
| 30 | | | | | | | | | | | | | 07 | 24071 | 222.[illegible] | 224 | 217 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STANDARD PRESSURE SURFACE | PORT BLAIR SURFACE PR ( 1003 MB) | | | | | | SRINAGAR ( 848 MB) | | | | | | TRIVANDRUM ( 1004 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00079 | 297.4 | 299 | 292 | 295.2 | 21 | 01588 | 270.8 | 273 | 267 | 270.8 | 31 | 00064 | 297.8 | 300 | 295 | 294.1 |
| 1000 | 31 | 00105 | 297.3 | 299 | 293 | 295.1 | 20 | 00256 | | | | | 31 | 00097 | 297.7 | 300 | 295 | 293.9 |
| 900 | 31 | 01025 | 292.5 | 295 | 291 | 288.3 | 20 | 01112 | | | | | 31 | 01019 | 293.4 | 297 | 291 | 286.9 |
| 850 | 31 | 01516 | 290.1 | 292 | 288 | 284.3 | 20 | 01568 | | | | | 31 | 01511 | 291.0 | 294 | 288 | 283.1 |
| 800 | 31 | 02032 | 287.3 | 290 | 284 | 280.0 | 20 | 02049 | 269.0 | 275 | 264 | | 31 | 02029 | 288.6 | 291 | 285 | 278.8 |
| 700 | 31 | 03150 | 282.4 | 285 | 278 | 273.7 | 20 | 03105 | 269.7 | 273 | 264 | | 31 | 03152 | 283.1 | 287 | 281 | 272.4 |
| 600 | 31 | 04411 | 275.4 | 282 | 273 | 260.6 | 20 | 04310 | 262.8 | 268 | 254 | | 31 | 04417 | 276.2 | 281 | 272 | 264.6 |
| 500 | 31 | 05879 | 267.6 | 272 | 264 | | 20 | 05694 | 253.9 | 259 | 247 | | 31 | 05872 | 268.1 | 273 | 265 | |
| 400 | 29 | 07585 | 260.1 | 264 | 254 | | 18 | 07328 | 243.4 | 248 | 237 | | 31 | 07593 | 257.3 | 263 | 255 | |
| 300 | 27 | 09717 | 242.7 | 248 | 236 | | 18 | 09323 | 229.5 | 235 | 225 | | 31 | 09703 | 242.2 | 248 | 236 | |
| 250 | 26 | 10967 | 233.1 | 240 | 227 | | 17 | 10530 | 221.9 | 228 | 217 | | 31 | 10974 | 232.6 | 241 | 227 | |
| 200 | 26 | 12453 | 220.9 | 226 | 212 | | 16 | 11952 | 217.7 | 224 | 212 | | 31 | 12459 | 220.8 | 231 | 214 | |
| 175 | 22 | 13297 | 214.5 | 222 | 207 | | 13 | 12782 | 216.1 | 223 | 209 | | 30 | 13297 | 214.8 | 223 | 210 | |
| 150 | 19 | 14270 | 208.0 | 216 | 199 | | 12 | 13756 | 215.6 | 220 | 208 | | 30 | 14262 | 208.5 | 216 | 203 | |
| 125 | 17 | 15376 | 202.4 | 208 | 195 | | 11 | 14894 | 214.6 | 219 | 207 | | 29 | 15348 | 203.2 | 208 | 197 | |
| 100 | 14 | 16673 | 197.7 | 203 | 191 | | 08 | 16284 | 212.9 | 218 | 208 | | 28 | 16682 | 198.5 | 205 | 194 | |
| 80 | 10 | 18008 | 199.2 | 207 | 196 | | 07 | 17675 | 213.9 | 220 | 206 | | 22 | 17963 | 198.5 | 211 | 194 | |
| 70 | 09 | 18781 | 201.2 | 210 | 196 | | 07 | 18523 | 214.4 | 221 | 207 | | 13 | 18760 | 200.3 | 207 | 195 | |
| 60 | 07 | 19632 | 203.1 | 211 | 198 | | 07 | 19488 | 216.6 | 223 | 213 | | 11 | 19682 | 204.5 | 211 | 197 | |
| 50 | 05 | 20803 | 204.6 | 208 | 198 | | | | | | | | 11 | 20785 | 208.8 | 214 | 201 | |
| 40 | | | | | | | | | | | | | 09 | 22175 | 211.8 | 219 | 205 | |
| 30 | | | | | | | | | | | | | 06 | 24005 | 215.7 | 222 | 211 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | VISHAKHAPATNAM SURFACE PR ( 1010 MB) | | | | | | ( 0 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00041 | 294.4 | 297 | 291 | 290.7 | | | | | | | | | | | | |
| 1000 | 28 | 00132 | 295.3 | 296 | 292 | 290.4 | | | | | | | | | | | | |
| 900 | 28 | 01041 | 290.1 | 292 | 287 | 284.7 | | | | | | | | | | | | |
| 850 | 28 | 01529 | 287.9 | 291 | 284 | 282.3 | | | | | | | | | | | | |
| 800 | 28 | 02041 | 285.4 | 289 | 283 | 277.0 | | | | | | | | | | | | |
| 700 | 28 | 03153 | 280.4 | 284 | 275 | 268.5 | | | | | | | | | | | | |
| 600 | 28 | 04411 | 274.6 | 279 | 270 | 262.9 | | | | | | | | | | | | |
| 500 | 28 | 05853 | 267.2 | 269 | 263 | | | | | | | | | | | | | |
| 400 | 28 | 07564 | 254.7 | 257 | 251 | | | | | | | | | | | | | |
| 300 | 28 | 09654 | 239.9 | 243 | 236 | | | | | | | | | | | | | |
| 250 | 28 | 10911 | 230.4 | 235 | 223 | | | | | | | | | | | | | |
| 200 | 28 | 12386 | 220.6 | 224 | 215 | | | | | | | | | | | | | |
| 175 | 25 | 13230 | 215.1 | 220 | 208 | | | | | | | | | | | | | |
| 150 | 23 | 14201 | 209.6 | 215 | 205 | | | | | | | | | | | | | |
| 125 | 17 | 15313 | 206.2 | 210 | 201 | | | | | | | | | | | | | |
| 100 | 17 | 16661 | 201.2 | 207 | 196 | | | | | | | | | | | | | |
| 80 | 15 | 18018 | 203.3 | 206 | 198 | | | | | | | | | | | | | |
| 70 | 13 | 18808 | 205.8 | 211 | 199 | | | | | | | | | | | | | |
| 60 | 13 | 19738 | 209.0 | 213 | 204 | | | | | | | | | | | | | |
| 50 | 12 | 20817 | 212.3 | 217 | 206 | | | | | | | | | | | | | |
| 40 | 07 | 22196 | 215.1 | 219 | 209 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
JANUARY, 1966 (PAUSA 11 - MAGHA 11, 1887 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMHRAULI ( 1004 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 911 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 302.7 | 305 | 298 | 286.6 | 31 | 00098 | 296.4 | 299 | 290 | 284.5 | 31 | 00921 | 299.1 | 303 | 295 | 287.2 |
| 1000 | 31 | 00116 | 302.2 | 305 | 298 | 285.5 | 31 | 00133 | 296.2 | 298 | 290 | 284.1 | 31 | 00090 | | | | |
| 900 | 31 | 01039 | 293.6 | 298 | 289 | 277.5 | 31 | 01039 | 289.0 | 295 | 283 | 272.7 | 31 | 01025 | 297.8 | 301 | 295 | 286.1 |
| 850 | 31 | 01529 | 289.6 | 294 | 285 | 274.2 | 31 | 01522 | 285.7 | 292 | 281 | 266.2 | 31 | 01523 | 294.1 | 297 | 291 | 284.4 |
| 800 | 31 | 02042 | 285.5 | 291 | 279 | 271.3 | 31 | 02036 | 283.9 | 291 | 278 | 263.3 | 31 | 02045 | 289.8 | 293 | 285 | 281.6 |
| 700 | 31 | 03149 | 279.3 | 284 | 274 | 261.1 | 31 | 03132 | 278.4 | 282 | 272 | 251.3 | 31 | 03167 | 282.7 | 287 | 280 | 275.0 |
| 600 | 31 | 04397 | 272.4 | 278 | 266 | 252.5 | 31 | 04330 | 270.8 | 275 | 265 | 250.0 | 31 | 04433 | 276.0 | 279 | 273 | 263.5 |
| 500 | 31 | 05834 | 264.0 | 270 | 257 | | 31 | 05802 | 262.6 | 267 | 256 | | 30 | 05889 | 268.3 | 273 | 264 | |
| 400 | 31 | 07526 | 252.8 | 259 | 247 | | 31 | 07516 | 251.5 | 256 | 244 | | 30 | 07613 | 257.4 | 262 | 252 | |
| 300 | 31 | 09599 | 238.3 | 244 | 231 | | 31 | 09551 | 237.9 | 244 | 230 | | 30 | 09721 | 242.0 | 247 | 237 | |
| 250 | 29 | 10860 | 231.0 | 235 | 226 | | 30 | 10804 | 235.7 | 238 | 223 | | 30 | 10990 | 232.0 | 238 | 227 | |
| 200 | 29 | 12347 | 223.7 | 230 | 214 | | 29 | 12293 | 224.1 | 230 | 219 | | 30 | 12481 | 221.8 | 228 | 216 | |
| 175 | 24 | 13225 | 220.5 | 227 | 216 | | 29 | 13147 | 221.3 | 229 | 216 | | 27 | 13336 | 216.3 | 222 | 211 | |
| 150 | 23 | 14203 | 217.0 | 223 | 210 | | 29 | 14159 | 218.0 | 224 | 211 | | 27 | 14306 | 210.2 | 217 | 206 | |
| 125 | 21 | 15390 | 213.2 | 219 | 206 | | 28 | 15319 | 214.6 | 224 | 203 | | 26 | 15377 | 204.6 | 210 | 199 | |
| 100 | 17 | 16732 | 207.9 | 215 | 199 | | 26 | 16678 | 210.2 | 219 | 201 | | 25 | 16735 | 198.8 | 206 | 192 | |
| 80 | 15 | 18075 | 205.9 | 216 | 194 | | 17 | 18086 | 207.8 | 215 | 198 | | 21 | 18089 | 200.3 | 206 | 196 | |
| 70 | 12 | 18864 | 205.4 | 215 | 200 | | 14 | 18901 | 208.3 | 217 | 202 | | 19 | 18894 | 202.8 | 208 | 198 | |
| 60 | 10 | 19826 | 209.2 | 219 | 203 | | 08 | 19911 | 212.1 | 221 | 207 | | 19 | 19982 | 204.9 | 211 | 201 | |
| 50 | 07 | 20948 | 213.0 | 221 | 208 | | | | | | | | 18 | 20891 | 206.4 | 215 | 204 | |
| 40 | | | | | | | | | | | | | 12 | 22268 | 211.8 | 216 | 205 | |
| 30 | | | | | | | | | | | | | 08 | 24094 | 214.5 | 219 | 207 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1010 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUMDUM ( 1014 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1009 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 300.9 | 304 | 297 | 289.4 | 31 | 00006 | 296.3 | 298 | 291 | 287.4 | 31 | 00049 | 292.7 | 295 | 289 | 287.4 |
| 1000 | 31 | 00102 | 300.1 | 303 | 297 | 288.4 | 31 | 00126 | 295.6 | 298 | 291 | 285.7 | 31 | 00127 | 292.8 | 294 | 289 | 286.8 |
| 900 | 31 | 01026 | 294.5 | 299 | 289 | 281.5 | 31 | 01036 | 290.5 | 293 | 287 | 279.6 | 31 | 01032 | 288.7 | 292 | 285 | 279.2 |
| 850 | 31 | 01520 | 290.9 | 297 | 286 | 278.2 | 31 | 01521 | 287.8 | 291 | 285 | 273.5 | 31 | 01512 | 285.1 | 288 | 281 | 275.1 |
| 800 | 31 | 02037 | 287.5 | 291 | 281 | 274.4 | 31 | 02032 | 285.7 | 290 | 283 | 268.5 | 31 | 02022 | 282.1 | 285 | 278 | 271.0 |
| 700 | 31 | 03154 | 281.0 | 285 | 275 | 267.1 | 31 | 03144 | 280.7 | 286 | 275 | | 31 | 03110 | 276.2 | 280 | 273 | 257.4 |
| 600 | 31 | 04413 | 275.2 | 280 | 269 | 260.5 | 31 | 04401 | 274.6 | 278 | 270 | | 31 | 04355 | 270.6 | 275 | 267 | |
| 500 | 31 | 05862 | 266.4 | 271 | 261 | | 31 | 05846 | 266.0 | 272 | 261 | | 31 | 05780 | 262.2 | 268 | 257 | |
| 400 | 31 | 07570 | 255.2 | 262 | 251 | | 31 | 07551 | 255.9 | 261 | 249 | | 31 | 07462 | 251.6 | 259 | 244 | |
| 300 | 30 | 09667 | 241.0 | 247 | 234 | | 31 | 09649 | 242.2 | 251 | 234 | | 30 | 09528 | 238.2 | 245 | 232 | |
| 250 | 30 | 10934 | 232.8 | 239 | 225 | | 31 | 10934 | 234.7 | 244 | 228 | | 30 | 10783 | 231.6 | 239 | 227 | |
| 200 | 30 | 12421 | 222.8 | 228 | 213 | | 29 | 12424 | 224.8 | 229 | 221 | | 30 | 12272 | 223.6 | 230 | 217 | |
| 175 | 22 | 13282 | 217.4 | 223 | 209 | | 29 | 13297 | 219.5 | 225 | 212 | | 26 | 13126 | 219.4 | 226 | 211 | |
| 150 | 20 | 14244 | 212.4 | 219 | 204 | | 28 | 14285 | 215.5 | 221 | 210 | | 21 | 14108 | 214.9 | 221 | 205 | |
| 125 | 17 | 15369 | 207.1 | 215 | 199 | | 28 | 15438 | 211.3 | 219 | 205 | | 18 | 15232 | 210.9 | 218 | 201 | |
| 100 | 16 | 16686 | 202.4 | 210 | 195 | | 27 | 16799 | 206.8 | 215 | 201 | | 10 | 16582 | 206.7 | 213 | 200 | |
| 80 | 13 | 18006 | 204.2 | 212 | 199 | | 14 | 18172 | 205.5 | 212 | 200 | | | | | | | |
| 70 | 12 | 18829 | 206.3 | 216 | 197 | | 13 | 18973 | 206.6 | 213 | 200 | | | | | | | |
| 60 | 09 | 19747 | 206.9 | 211 | 199 | | 12 | 19912 | 208.6 | 217 | 201 | | | | | | | |
| 50 | 08 | 20858 | 210.7 | 215 | 203 | | 10 | 21060 | 212.1 | 221 | 205 | | | | | | | |
| 40 | 06 | 22251 | 213.5 | 217 | 205 | | 06 | 22519 | 216.7 | 224 | 213 | | | | | | | |
| 30 | 05 | 24077 | 217.2 | 223 | 209 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1011 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | MINICOY ( 1010 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGADN ( 978 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00015 | 299.3 | 301 | 297 | 294.5 | 31 | 00002 | 301.1 | 302 | 299 | 295.6 | 31 | 00311 | 297.9 | 303 | 293 | 283.0 |
| 1000 | 31 | 00109 | 298.9 | 300 | 297 | 293.8 | 31 | 00090 | 300.4 | 301 | 299 | 294.9 | 30 | 00114 | | | | |
| 900 | 31 | 01026 | 292.2 | 295 | 289 | 287.8 | 31 | 01017 | 292.9 | 295 | 291 | 289.0 | 30 | 01032 | 292.6 | 296 | 288 | 280.5 |
| 850 | 31 | 01517 | 290.0 | 294 | 287 | 283.8 | 31 | 01508 | 290.7 | 293 | 287 | 284.7 | 30 | 01523 | 288.3 | 292 | 285 | 278.3 |
| 800 | 31 | 02033 | 287.6 | 291 | 285 | 279.5 | 31 | 02025 | 288.2 | 291 | 285 | 280.3 | 30 | 02034 | 285.0 | 289 | 281 | 275.3 |
| 700 | 31 | 03153 | 282.6 | 285 | 281 | 271.7 | 31 | 03147 | 282.9 | 287 | 278 | 272.1 | 30 | 03142 | 278.9 | 284 | 273 | 266.1 |
| 600 | 31 | 04416 | 276.1 | 280 | 272 | 264.6 | 31 | 04412 | 275.9 | 280 | 272 | 265.6 | 30 | 04388 | 272.6 | 277 | 268 | 260.5 |
| 500 | 31 | 05875 | 268.3 | 271 | 264 | | 31 | 05867 | 268.0 | 273 | 263 | | 28 | 05830 | 264.2 | 269 | 257 | |
| 400 | 31 | 07595 | 256.8 | 261 | 250 | | 31 | 07583 | 257.0 | 263 | 253 | | 29 | 07521 | 252.0 | 257 | 247 | |
| 300 | 31 | 09699 | 241.8 | 247 | 236 | | 31 | 09685 | 241.7 | 248 | 237 | | 29 | 09582 | 237.7 | 243 | 230 | |
| 250 | 30 | 11068 | 233.2 | 238 | 226 | | 31 | 10950 | 232.1 | 241 | 226 | | 29 | 10829 | 229.0 | 235 | 220 | |
| 200 | 30 | 12458 | 221.9 | 231 | 214 | | 31 | 12429 | 220.6 | 228 | 214 | | 29 | 12297 | 220.0 | 227 | 213 | |
| 175 | 28 | 13337 | 216.6 | 228 | 210 | | 30 | 13277 | 214.4 | 224 | 209 | | 25 | 13153 | 215.7 | 225 | 211 | |
| 150 | 27 | 14286 | 210.0 | 222 | 201 | | 29 | 14242 | 208.9 | 218 | 203 | | 22 | 14138 | 210.7 | 219 | 206 | |
| 125 | 20 | 15336 | 204.6 | 213 | 200 | | 29 | 15322 | 202.8 | 212 | 195 | | 18 | 15254 | 206.2 | 214 | 201 | |
| 100 | 14 | 16728 | 200.1 | 204 | 196 | | 28 | 16643 | 197.8 | 209 | 191 | | 16 | 16627 | 203.1 | 207 | 198 | |
| 80 | 07 | 18077 | 200.0 | 204 | 194 | | 22 | 17960 | 199.5 | 209 | 193 | | 13 | 17948 | 204.0 | 207 | 201 | |
| 70 | 07 | 18730 | 203.3 | 207 | 197 | | 21 | 18750 | 201.6 | 212 | 195 | | 10 | 18776 | 207.0 | 212 | 203 | |
| 60 | | | | | | | 18 | 19679 | 204.9 | 216 | 196 | | 08 | 19743 | 208.8 | 213 | 205 | |
| 50 | | | | | | | 17 | 20793 | 208.8 | 221 | 204 | | 07 | 20870 | 212.0 | 217 | 208 | |
| 40 | | | | | | | 08 | 22108 | 210.4 | 221 | 202 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |

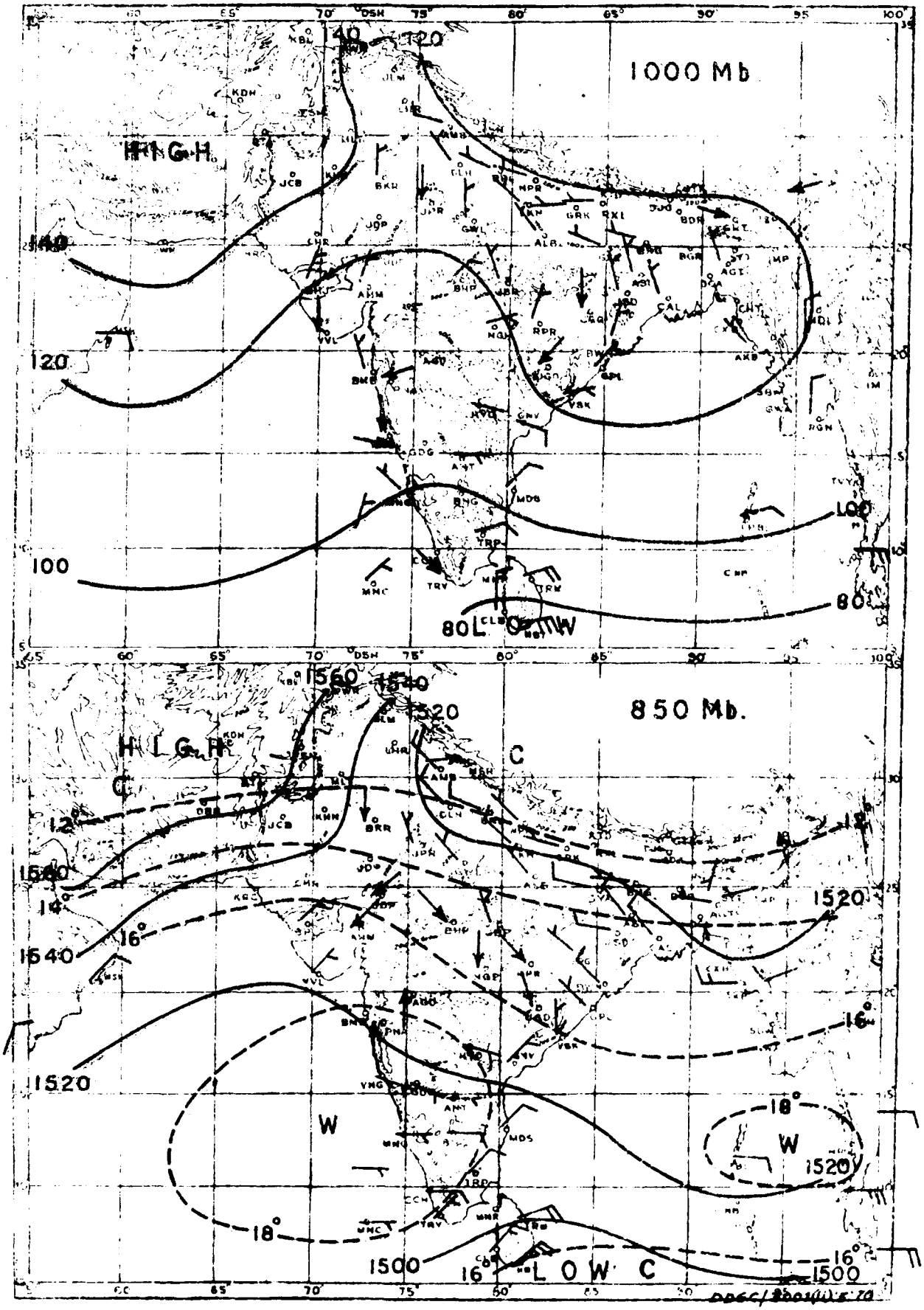
RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
JANUARY,1966(PAUSA 11 - MAGHA 11,1887 SAKA)

| STANDARD PRESSURE SURFACE | NEW DELHI/SAFDARJUNG SURFACE PR ( 995 MB) | | | | | | PORT BLAIR ( 1003 MB) | | | | | | SRINAGAR ( 847 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00209 | 294.3 | 297 | 291 | 280.4 | 31 | 00079 | 299.3 | 301 | 297 | 295.5 | 27 | 01588 | 275.6 | 287 | 271 | 274.0 |
| 1000 | 31 | 00133 | | | | | 31 | 00102 | 299.1 | 300 | 296 | 295.3 | 26 | 00226 | | | | |
| 900 | 31 | 01033 | 288.0 | 291 | 285 | 273.3 | 31 | 01021 | 293.1 | 295 | 291 | 288.5 | 26 | 01093 | | | | |
| 850 | 31 | 01514 | 285.0 | 289 | 282 | 266.6 | 31 | 01528 | 290.6 | 293 | 289 | 285.0 | 26 | 01559 | | | | |
| 800 | 31 | 02019 | 282.3 | 287 | 277 | 263.7 | 31 | 02029 | 287.7 | 290 | 285 | 280.1 | 26 | 02045 | 270.6 | 283 | 265 | 267.9 |
| 700 | 31 | 03111 | 276.1 | 282 | 272 | 258.1 | 31 | 03148 | 282.7 | 286 | 280 | 271.3 | 26 | 03102 | 270.8 | 279 | 264 | |
| 600 | 31 | 04341 | 267.8 | 273 | 261 | | 30 | 04413 | 276.1 | 279 | 274 | 264.2 | 26 | 04313 | 263.5 | 272 | 261 | |
| 500 | 31 | 05746 | 257.9 | 263 | 252 | | 29 | 05869 | 268.4 | 272 | 265 | | 26 | 05699 | 254.3 | 259 | 250 | |
| 400 | 31 | 07405 | 247.0 | 255 | 242 | | 28 | 07591 | 257.3 | 261 | 254 | | 26 | 07323 | 242.5 | 247 | 238 | |
| 300 | 31 | 09435 | 234.4 | 243 | 229 | | 28 | 09429 | 242.4 | 247 | 239 | | 24 | 09321 | 229.6 | 235 | 224 | |
| 250 | 31 | 10669 | 227.8 | 237 | 220 | | 27 | 10970 | 233.1 | 237 | 226 | | 24 | 10528 | 222.6 | 229 | 219 | |
| 200 | 31 | 12140 | 222.6 | 232 | 214 | | 26 | 12461 | 222.0 | 229 | 213 | | 22 | 11973 | 218.5 | 225 | 213 | |
| 175 | 30 | 13000 | 220.9 | 231 | 212 | | 21 | 13306 | 215.6 | 219 | 209 | | 21 | 12833 | 219.2 | 228 | 210 | |
| 150 | 29 | 13983 | 219.1 | 228 | 210 | | 19 | 14266 | 210.0 | 217 | 205 | | 18 | 13829 | 219.1 | 227 | 211 | |
| 125 | 28 | 15148 | 215.7 | 222 | 207 | | 15 | 15395 | 204.1 | 212 | 198 | | 15 | 14947 | 218.2 | 227 | 213 | |
| 100 | 28 | 16548 | 212.0 | 217 | 204 | | 12 | 16716 | 198.5 | 205 | 193 | | 12 | 16445 | 217.3 | 221 | 211 | |
| 80 | 21 | 17939 | 210.6 | 218 | 203 | | 06 | 18056 | 198.6 | 201 | 195 | | 11 | 18025 | 216.5 | 222 | 205 | |
| 70 | 20 | 18753 | 210.5 | 218 | 204 | | 05 | 18834 | 202.2 | 207 | 198 | | 08 | 18723 | 216.9 | 221 | 207 | |
| 60 | 18 | 19733 | 212.1 | 218 | 207 | | | | | | | | 06 | 19686 | 218.2 | 223 | 211 | |
| 50 | 14 | 20864 | 213.6 | 219 | 209 | | | | | | | | | | | | | |
| 40 | 09 | 22272 | 216.5 | 221 | 208 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | TRIVANDRUM SURFACE PR ( 1002 MB) | | | | | | VISHAKHAPATNAM ( 1009 MB) | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00064 | 302.7 | 304 | 301 | 295.4 | 31 | 00041 | 295.1 | 300 | 292 | 292.7 | | | | | | |
| 1000 | 31 | 00084 | 300.3 | 304 | 301 | 295.2 | 31 | 00122 | 296.9 | 298 | 292 | 291.5 | | | | | | |
| 900 | 31 | 01011 | 294.5 | 297 | 292 | 289.1 | 31 | 01035 | 291.2 | 294 | 287 | 284.1 | | | | | | |
| 850 | 31 | 01506 | 291.3 | 294 | 289 | 285.3 | 31 | 01524 | 288.6 | 291 | 285 | 281.3 | | | | | | |
| 800 | 31 | 02025 | 288.7 | 293 | 286 | 281.4 | 31 | 02037 | 286.0 | 289 | 281 | 278.9 | | | | | | |
| 700 | 31 | 03150 | 283.6 | 287 | 279 | 272.2 | 31 | 03150 | 280.4 | 283 | 275 | 269.8 | | | | | | |
| 600 | 31 | 04419 | 276.7 | 281 | 272 | 265.9 | 31 | 04411 | 274.5 | 279 | 270 | 262.3 | | | | | | |
| 500 | 31 | 05879 | 268.5 | 272 | 264 | | 31 | 05861 | 266.6 | 271 | 261 | | | | | | | |
| 400 | 31 | 07600 | 257.7 | 262 | 253 | | 29 | 07568 | 254.5 | 258 | 251 | | | | | | | |
| 300 | 31 | 09714 | 242.4 | 247 | 239 | | 29 | 09657 | 239.6 | 245 | 235 | | | | | | | |
| 250 | 31 | 10987 | 233.6 | 239 | 229 | | 28 | 10913 | 230.5 | 236 | 225 | | | | | | | |
| 200 | 31 | 12477 | 221.6 | 229 | 215 | | 28 | 12387 | 220.1 | 225 | 215 | | | | | | | |
| 175 | 28 | 13315 | 215.4 | 220 | 209 | | 27 | 13233 | 214.5 | 220 | 209 | | | | | | | |
| 150 | 28 | 14285 | 208.9 | 215 | 199 | | 27 | 14191 | 209.0 | 216 | 203 | | | | | | | |
| 125 | 28 | 15376 | 203.4 | 210 | 195 | | 24 | 15292 | 204.5 | 210 | 199 | | | | | | | |
| 100 | 25 | 16704 | 198.6 | 205 | 192 | | 24 | 16637 | 200.2 | 206 | 193 | | | | | | | |
| 80 | 23 | 17996 | 199.8 | 207 | 191 | | 17 | 17995 | 201.9 | 208 | 199 | | | | | | | |
| 70 | 20 | 18781 | 203.4 | 211 | 197 | | 17 | 18783 | 204.4 | 209 | 200 | | | | | | | |
| 60 | 18 | 19745 | 206.2 | 214 | 199 | | 15 | 19703 | 207.7 | 212 | 202 | | | | | | | |
| 50 | 14 | 20795 | 210.1 | 218 | 203 | | 14 | 20846 | 210.4 | 216 | 205 | | | | | | | |
| 40 | 10 | 22197 | 213.5 | 219 | 207 | | 08 | 22241 | 213.0 | 219 | 209 | | | | | | | |
| 30 | 07 | 24002 | 219.4 | 228 | 213 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

# MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I Met.D.* **JANUARY 1966** *Plate* **I**

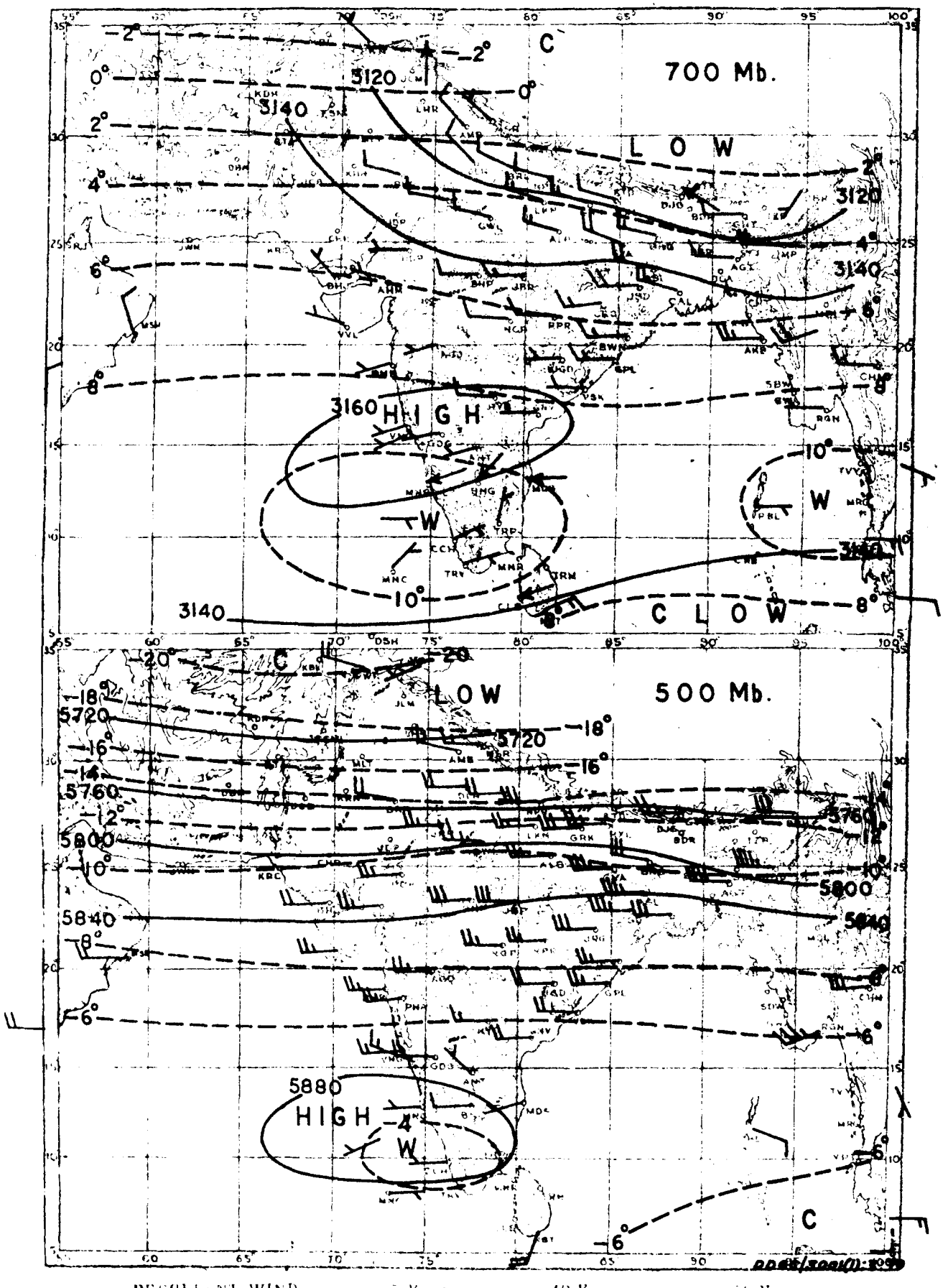



RESULTANT WIND — 5 Knots. 10 Knots. 20 Knots.

Isotherms in degrees centigrade. — — — Contours in geopotential metres

# JANUARY 1966






RESULTANT WIND — 5 Knots. — 10 Knots. — 50 Knots.

--- Isotherms in degrees centigrade. ——— Contours in geopotential metres

Feb. 1966

QC
990
.I39
152
1966

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## FEBRUARY

# MONTHLY WEATHER REPORT

# FOR

# FEBRUARY - 1966

## C O N T E N T S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* * * *

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| π | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ⊕ | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## FEBRUARY

Published by authority of the Government of India

Chief features :-

i) Movement of four western disturbances across north India causing spells of good precipitation.

and ii) Deficit rains in the Peninsula.

Mainly dry weather prevailed over the country during first five days of the month. A western disturbance which was lying over Afghanistan on 5th moved slowly eastwards and passed across Jammu and Kashmir by 10th. Under its influence there was good precipitation over the Western Himalayas in the early part of the second week. Banihal recorded 7 cm. of rain and Quazigund 5 cm. on 9th. This was followed by another western disturbance in its immediate wake. This disturbance lay over Baluchistan and adjoining Afghanistan on 10th. Moving eastwards, it persisted over Jammu and Kashmir and the Punjab till 14th and finally moved away eastwards across the Western Himalayas by 16th. An induced low formed over south Rajasthan on 12th. It also moved eastwards across north India, passing through Assam by 17th. In association with these developments, a prolonged spell of good precipitation was experienced over most parts of north India during the second week. Some of the noteworthy amounts of rainfall recorded were : Jammu 8 cm, Dalhousie 6 cm. and Banihal and Quazigund 5 cm. each on 12th, Dalhousie 7 cm. and Srinagar, Jammu, Najibabad and Joshimath 5 cm. each on 13th and Garbyang 6 cm. and Dalhousie 5 cm. on 14th.

Two more western disturbances affected north India during the last week. The former disturbance lying over Baluchistan on 20th moved into the Punjab on 21st and was fairly active. It moved away eastwards across the Western Himalayas by 22nd causing good precipitation there. Banihal recorded 5 cm of rain on 22nd. The last western disturbance of the month was lying over Baluchistan and adjoining parts of Afghanistan on 24th. Moving eastwards it lay as a trough of low pressure over Bihar State and Orissa on 28th. Under its influence, there was good precipitation over the Western Himalayas. Parts of northeast India also received thundershowers towards the end of the month.

The weather over the Peninsula remained mainly dry throughout the month except for a short spell of thundershowers in Kerala during 14-15th. Punalur recorded 7 cm. of rain on 15th.

Night temperatures were above normal over Gujarat State during the entire month, over northwest India during the first three weeks, over Uttar Pradesh during the second and fourth weeks and over northeast India, central Parts of the country and the Peninsula during the second week, being markedly so over northwest India from 4th to 12th and over Uttar Pradesh from 10th to 14th. They were below normal over the central parts of the country and the north Peninsula during the first week.

The rainfall for the month was in large excess in Punjab, Himachal Pradesh, Jammu and Kashmir and in Rajasthan; normal in west Uttar Pradesh and Kerala; in moderate defect in north Assam, Bihar Plains, east Uttar Pradesh and in large defect in the Bay Islands, south Assam, West Bengal, Orissa, Bihar Plateau, Madhya Pradesh, Konkan, Rayalaseema, Madras State, Interior Mysore and Arabian Sea Islands. There was no rain over the rest of the country.

The mean maximum temperature was normal in Marathwada, Andhra Pradesh, Madras and Mysore States, Kerala and the Arabian Sea Islands and above normal over the rest of the country.

The mean minimum temperature was above normal in the Bay Islands, Sub-Himalayan West Bengal, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Madhya Pradesh, Gujarat State and Kerala and normal over the rest of the country.

The mean relative humidity in the morning was above normal in Rayalaseema, below normal in Himachal Pradesh, Madhya Pradesh, Gujarat Region, Marathwada and Vidarbha and normal over the rest of the country. The mean relative humidity in the evening was above normal in Gangetic West Bengal Bihar Plains, Uttar Pradesh West, Punjab (including Delhi), Jammu and Kashmir and West Rajasthan, below normal in Bihar Plateau, Madhya Pradesh, Marathwada, Vidarbha, Telangana, Rayalaseema and South Interior Mysore and normal over the rest of the country.

The mean cloud amount in the morning was above normal in west Uttar Pradesh, Punjab and Rajasthan; below normal in south Assam, Gangetic West Bengal, Bihar Plateau, Himachal Pradesh, Madhya Pradesh, Gujarat Region, Maharashtra State, Telangana, Rayalaseema, Coastal and north Interior Mysore and normal over the rest of the country. The mean cloud amount in the evening was above normal in West Uttar

Pradesh, Punjab (including Delhi), Himachal Pradesh and Rajasthan, normal over Bay Islands, North Assam, Sub-Himalayan West Bengal, Bihar Plains, East Uttar Pradesh, Jammu and Kashmir, Saurashtra Cutch, South Interior Mysore, Kerala and the Arabian Sea Islands and below normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona-5;

the 12th April 1966.

R. ANANTHAKRISHNAN

for Director General of Observatories.

**TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)**

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| **DIVISION** | | | | | | | | |
| 1.ASSAM(INCLUDING | 14.8 | 44 | 27.3 | 13.0 | 76 | 61 | 2.3 | 2.2 |
| MANIPUR,TRIPURA) | - 18.7 | | +1.8 | +0.6 | + 1 | - 1 | -0.6 | -0.6 |
| 2.WEST BENGAL . . . | 2.4 | 11 | 29.9 | 15.8 | 67 | 52 | 1.1 | 1.4 |
| | - 18.5 | | +1.9 | +1.2 | + 0 | + 3 | -0.7 | -0.4 |
| 3.ORISSA . . . . . | 6.7 | 25 | 31.7 | 16.9 | 68 | 48 | 1.5 | 1.0 |
| | - 20.2 | | +1.6 | -0.1 | + 2 | + 1 | -0.3 | -0.9 |
| 4.BIHAR . . . . . | 8.6 | 38 | 28.8 | 13.0 | 64 | 45 | 1.0 | 1.0 |
| | - 14.2 | | +1.8 | +0.4 | - 0 | + 2 | -0.6 | -0.7 |
| 5.UTTAR PRADESH . . | 18.0 | 86 | 27.8 | 11.9 | 70 | 44 | 1.9 | 2.1 |
| | - 3.0 | | +2.5 | +1.5 | + 1 | + 2 | +0.2 | +0.2 |
| 6.PUNJAB(INCLUDING | 43.2 | 174 | 25.2 | 10.4 | 74 | 47 | 3.0 | 3.4 |
| H.P.AND DELHI) . | + 18.3 | | +1.6 | +1.9 | - 0 | + 6 | +0.4 | +1.0 |
| 7.JAMMU AND KASHMIR | 129.3 | 266 | 12.7 | 3.5 | 70 | 73 | 5.6 | 5.9 |
| | + 80.8 | | +2.8 | +2.7 | + 0 | + 4 | +0.8 | +0.8 |
| 8.RAJASTHAN . . | 10.0 | 248 | 29.5 | 12.5 | 57 | 32 | 2.1 | 2.3 |
| | + 6.0 | | +2.7 | +2.6 | + 0 | + 1 | +0.6 | +0.5 |
| **DIVISION-(CONTD.)** | | | | | | | | |
| 9.MADHYA PRADESH . | 2.0 | 14 | 31.6 | 13.8 | 49 | 25 | 0.8 | 1.1 |
| . | - 11.9 | | +2.6 | +1.4 | - 8 | - 3 | -0.7 | -0.7 |
| 10.GUJARAT STATE . . | 0.0 | 0 | 32.9 | 16.2 | 52 | 31 | 1.1 | 0.8 |
| . | - 1.8 | | +2.3 | +1.7 | - 4 | - 0 | -0.1 | -0.2 |
| 11.MAHARASHTRA STATE | 0.0 | 0 | 33.2 | 17.1 | 50 | 32 | 0.4 | 0.7 |
| . | - 4.5 | | +1.5 | +0.3 | - 4 | - 2 | -0.8 | -0.8 |
| 12.ANDHRA PRADESH . | 0.2 | 2 | 33.0 | 19.4 | 71 | 40 | 1.6 | 1.1 |
| . | - 7.5 | | +0.9 | -0.0 | + 2 | - 4 | -0.7 | -1.0 |
| 13.MADRAS STATE . . | 1.8 | 13 | 31.8 | 21.6 | 78 | 53 | 3.0 | 2.3 |
| . | - 11.7 | | +0.6 | +0.5 | + 2 | - 2 | -0.4 | -0.9 |
| 14.MYSORE . . . . . | 1.7 | 37 | 32.5 | 18.9 | 62 | 34 | 1.4 | 1.7 |
| . | - 2.9 | | +0.8 | +0.6 | - 0 | - 2 | -0.7 | -0.6 |
| 15.KERALA . . . . | 21.3 | 90 | 33.4 | 24.3 | 74 | 57 | 2.6 | 3.1 |
| . | - 2.5 | | +0.8 | +1.3 | + 0 | - 0 | -0.5 | -0.4 |
| **SUB-DIVISION** | | | | | | | | |
| 1.BAY ISLANDS . | 10.9 | 19 | 31.0 | 24.5 | 76 | 77 | 3.8 | 3.7 |
| | - 45.8 | | +1.2 | +1.2 | + 1 | - 1 | -0.1 | -0.5 |
| 2.NORTH ASSAM . | 20.3 | 63 | 27.1 | 13.1 | 78 | 63 | 2.8 | 2.6 |
| (INCLUDING NEFA) | - 11.7 | | +1.9 | +0.6 | + 1 | - 3 | -0.4 | -0.6 |
| 3.SOUTH ASSAM (INC | 2.2 | 6 | 27.6 | 12.8 | 73 | 57 | 1.4 | 1.6 |
| LUDING N.LANDETC) | - 34.7 | | +1.6 | +0.5 | + 1 | + 2 | -0.9 | -0.6 |
| 4.SUB-HIMALAYAN, | 2.7 | 17 | 28.1 | 13.9 | 73 | 52 | 1.8 | 1.9 |
| WEST BENGAL. | - 12.5 | | +1.8 | +1.7 | + 1 | - 1 | +0.1 | -0.2 |
| 5.GANGETIC,WEST- | 2.3 | 10 | 30.6 | 16.5 | 65 | 52 | 0.9 | 1.2 |
| BENGAL. | - 20.5 | | +1.9 | +1.0 | + 0 | + 4 | -0.9 | -0.6 |
| 6.ORISSA . | 6.7 | 25 | 31.7 | 16.9 | 68 | 48 | 1.5 | 1.0 |
| | - 20.2 | | +1.6 | -0.1 | + 2 | + 1 | -0.3 | -0.9 |
| 7.BIHAR PLATEAU. . | 5.2 | 16 | 29.8 | 13.3 | 56 | 34 | 0.4 | 0.6 |
| | - 27.1 | | +2.5 | +0.1 | - 4 | - 5 | -1.2 | -1.3 |
| 8.BIHAR PLAINS. . | 10.9 | 67 | 27.9 | 12.8 | 71 | 55 | 1.6 | 1.3 |
| | - 5.3 | | +1.2 | +0.7 | + 3 | + 7 | -0.0 | -0.3 |
| 9.UTTAR PRADESH, | 9.2 | 65 | 28.9 | 12.6 | 70 | 43 | 1.7 | 1.7 |
| (EAST). | - 5.0 | | +2.5 | +1.4 | + 0 | + 0 | +0.1 | +0.0 |
| 10.UTTAR PRADESH, | 29.7 | 99 | 26.1 | 10.9 | 70 | 46 | 2.3 | 2.8 |
| (WEST). | - 0.2 | | +2.4 | +1.7 | + 2 | + 5 | +0.4 | +0.6 |
| 11.PUNJAB(INCLUDING | 42.1 | 168 | 25.4 | 10.7 | 74 | 47 | 3.0 | 3.3 |
| DELHI). | + 17.0 | | +1.4 | +1.8 | + 3 | + 6 | +0.6 | +0.9 |
| 12.HIMACHAL PRADESH | 48.6 | 208 | 24.3 | 8.4 | 74 | 47 | 3.1 | 4.4 |
| | + 25.3 | | +2.8 | +2.5 | -16 | + 1 | -0.8 | +1.3 |
| 13.JAMMU AND KASH- | 129.3 | 266 | 12.7 | 3.5 | 70 | 73 | 5.6 | 5.9 |
| MIR. | + 80.8 | | +2.8 | +2.7 | + 0 | + 4 | +0.8 | +0.8 |
| 14.RAJASTHAN(WEST). | 14.4 | 336 | 29.5 | 12.1 | 56 | 35 | 2.3 | 2.5 |
| | + 10.1 | | +2.7 | +2.2 | + 1 | + 4 | +0.8 | +0.7 |
| 15.RAJASTHAN(EAST). | 6.4 | 167 | 29.4 | 12.9 | 57 | 30 | 1.9 | 2.2 |
| | + 2.6 | | +2.6 | +3.0 | - 0 | - 1 | +0.5 | +0.4 |
| 16.MADHYA PRADESH | 1.8 | 24 | 31.5 | 13.5 | 45 | 22 | 1.0 | 1.3 |
| (WEST). | - 5.6 | | +2.6 | +1.5 | - 6 | - 3 | -0.5 | -0.5 |
| **SUB-DIVISION (CONTD)** | | | | | | | | |
| 17.MADHYA PRADESH . | 2.2 | 10 | 31.7 | 14.2 | 53 | 29 | 0.5 | 0.9 |
| (EAST). . | - 20.2 | | +2.6 | +1.1 | -10 | - 4 | -1.0 | -0.9 |
| 18.GUJARAT REGION . | 0.0 | 0 | 34.1 | 16.1 | 45 | 23 | 0.8 | 0.7 |
| . | - 1.3 | | +2.1 | +1.8 | - 7 | - 1 | -0.3 | -0.3 |
| 19.SAURASHTRA KUTCH. | 0.0 | 0 | 32.0 | 16.3 | 57 | 36 | 1.3 | 0.9 |
| (INCLUDING DIU) . | - 2.2 | | +2.5 | +1.7 | - 2 | + 0 | +0.1 | -0.1 |
| 20.KONKAN (INCLUDING | 0.0 | 4 | 31.3 | 20.5 | 69 | 63 | 0.5 | 0.5 |
| GOA) . | - 0.5 | | +1.5 | +0.7 | + 1 | + 1 | -1.0 | -0.8 |
| 21.MADHYAMAHARASHTRA | 0.0 | 0 | 34.2 | 15.1 | 46 | 23 | 0.4 | 0.6 |
| . | - 1.6 | | +1.2 | +0.2 | - 1 | - 0 | -0.5 | -0.8 |
| 22.MARATHWADA. . | 0.0 | 0 | 33.1 | 15.0 | 33 | 16 | 0.4 | 0.8 |
| . | - 4.3 | | +0.7 | +0.1 | - 7 | - 8 | -0.6 | -0.8 |
| 23.VIDARBHA. . | 0.0 | 0 | 34.0 | 16.7 | 42 | 21 | 0.4 | 0.9 |
| . | - 12.1 | | +1.9 | +0.3 | -10 | - 5 | -1.0 | -0.7 |
| 24.COASTAL ANDHRA | 0.0 | 0 | 32.1 | 20.0 | 77 | 56 | 2.0 | 1.1 |
| PRADESH. . | - 9.8 | | +1.0 | -0.2 | + 1 | - 3 | -0.4 | -1.0 |
| 25.TELANGANA. . | 0.0 | 0 | 33.9 | 18.9 | 67 | 25 | 1.6 | 1.2 |
| . | - 5.9 | | +1.0 | +0.3 | + 3 | - 5 | -0.6 | -0.9 |
| 26.RAYALASEEMA. . | 0.8 | 14 | 33.6 | 18.8 | 64 | 28 | 0.6 | 1.1 |
| . | - 4.8 | | +0.6 | -0.1 | + 6 | - 4 | -1.4 | -1.2 |
| 27.MADRAS STATE. . | 1.8 | 13 | 31.8 | 21.6 | 78 | 53 | 3.0 | 2.3 |
| . | - 11.7 | | +0.6 | +0.5 | + 2 | - 2 | -0.4 | -0.9 |
| 28.COASTAL MYSORE . | 0.0 | 0 | 31.7 | 21.9 | 75 | 63 | 1.1 | 1.1 |
| . | - 0.9 | | +0.2 | +1.0 | - 1 | - 1 | -1.2 | -1.0 |
| 29.INTERIOR MYSORE. | 1.3 | 29 | 33.4 | 18.4 | 52 | 27 | 0.9 | 1.5 |
| (NORTH). . | - 3.2 | | +0.9 | +0.4 | + 1 | - 1 | -0.6 | -0.6 |
| 30.INTERIOR MYSORE. | 2.9 | 44 | 32.1 | 17.8 | 65 | 25 | 2.0 | 2.3 |
| (SOUTH). . | - 3.7 | | +0.9 | +0.5 | - 1 | - 3 | -0.4 | -0.5 |
| 31.KERALA. . | 21.3 | 90 | 33.4 | 24.3 | 74 | 57 | 2.6 | 3.1 |
| . | - 2.5 | | +0.8 | +1.3 | + 0 | - 0 | -0.5 | -0.4 |
| 32.ARABIANSEAISLANDS | 0.4 | 3 | 31.4 | 24.3 | 77 | 69 | 2.8 | 3.5 |
| . | - 11.8 | | +0.5 | +0.1 | + 2 | - 3 | -0.6 | -0.5 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 30.5 | +2.3 | 31.7 | 18 | 23.1 | +1.2 | 20.3 | 21 | 0.0 | 0.0 | - 11.6 | 0.0 | .. | 0 | - 1.0 | 11.4 | 6.6 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Long Island (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Port Blair | 31.7 | +1.9 | 33.0 | 27 | 22.7 | +0.9 | 19.3 | 21 | 0.0 | 0.0 | - 34.5 | 0.0 | .. | 0 | - 1.7 | 8.9 | 6.5 | -3.0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Car Nicobar | 30.5 | +0.2 | 31.3 | 27 | 25.2 | +1.8 | 19.0 | 21 | 0.0 | 13.0 | - 44.2 | 9.0 | 07 | 1 | - 1.5 | 9.0 | 6.3 | +0.2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 33.2 | +1.2 | 34.2 | 28 | 25.7 | +1.5 | 23.5 | 21 | 0.0 | 2.6 | - 70.0 | 1.2 | 07 | 0 | - 3.9 | 2.3 | 1.2 | +0.6 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 29.0 | +0.3 | 29.6 | 28 | 26.0 | +0.7 | 21.9 | 18 | 13.4 | 39.1 | - 68.8 | 22.3 | 18 | 3 | - 1.7 | .. | .. | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasighat | 24.6 | +2.5 | 29.6 | 27 | 13.2 | -0.6 | 8.9 | 03 | 10.5 | 46.4 | - 45.8 | 22.0 | 15 | 4 | - 2.1 | 8.6 | 12.4 | -0.5 | 2 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 25.5 | +1.8 | 29.7 | 27 | 12.4 | +0.1 | 6.9 | 01 | 2.6 | 36.3 | - 26.9 | 10.4 | 10 | 5 | - 1.0 | 7.1 | 4.0 | +0.8 | 0 | 9 | 0 | 0 | 5 | 2 | 0 | 0 | 0 | 0 |
| Digboi (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| North Lakhimpur | 25.4 | +2.0 | 29.1 | 27 | 12.3 | +0.6 | 6.8 | 02 | 3.3 | 27.2 | - 27.0 | 12.4 | 11 | 3 | - 3.2 | 5.8 | 3.4 | .. | 3 | 5 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Sibsagar | 26.1 | +2.2 | 30.2 | 27 | 14.0 | +1.2 | 9.1 | 03 | 5.9 | 45.0 | - 4.8 | 22.3 | 11 | 3 | - 2.1 | 5.1 | 3.7 | -0.3 | 0 | 7 | 0 | 0 | 2 | 15 | 0 | 0 | 0 | 0 |
| Gohpur | 25.7 | +1.8 | 29.1 | 27 | 11.2 | -0.3 | 5.8 | 02 | 6.2 | 58.5 | + 21.0 | 22.8 | 11 | 4 | + 1.3 | 3.2 | 3.8 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 27.1 | .. | 30.8 | 28 | .. | .. | .. | .. | 3.2 | 20.2 | + 1.3 | 12.0 | 11 | 3 | + 0.5 | 6.2 | 4.1 | +0.2 | 0 | 4 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 26.1 | .. | 29.6 | 27 | 13.5 | .. | 8.1 | 02 | 4.3 | 29.0 | .. | 23.1 | 11 | 1 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 2 | 9 | 0 | 0 | 0 | 0 |
| Tangla | 28.5 | +2.6 | 32.1 | 28 | 15.6 | +3.2 | 9.7 | 02 | 0.0 | 0.8 | - 20.3 | 0.8 | 11 | 0 | - 1.9 | 5.0 | 2.4 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 27.7 | +2.3 | 31.0 | 28 | 18.5 | +4.8 | 15.1 | 02 | 1.7 | 14.8 | - 11.1 | 11.8 | 11 | 1 | - 1.6 | 6.1 | 4.5 | +1.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 26.5 | +1.5 | 30.1 | 27 | 12.2 | -1.0 | 7.9 | 02 | 3.6 | 26.8 | + 3.2 | 17.8 | 11 | 2 | - 1.1 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Rahgia | 27.8 | +1.9 | 32.0 | 28 | 13.6 | +1.0 | 11.1 | 02 | 0.0 | 25.0 | - 2.0 | 25.0 | 11 | 1 | - 1.8 | 5.4[d] | 3.2 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 28.2 | +1.2 | 32.5 | 28 | 14.1 | +1.6 | 10.8 | 02 | 0.0 | 2.4 | - 9.3 | 2.4 | 11 | 0 | - 1.2 | 5.2 | 3.6 | .. | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Goalpara | 28.0 | +0.7 | 32.2 | 28 | 7.9 | -4.2 | 6.9 | 18 | 0.0 | 9.4 | - 4.8 | 9.4 | 11 | 1 | - 0.6 | 3.1 | 1.9 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 27.3 | +0.6 | 31.0 | 28 | 12.9 | +1.3 | 9.5 | 02 | 0.0 | 7.5 | - 0.5 | 7.5 | 11 | 1 | + 0.1 | 6.9 | 4.1[d] | .. | 0 | 1 | 0 | 0 | 1 | 4 | 1 | 0 | 1 | 0 |
| Dhubri (Rupsi) | 28.2 | +1.9 | 32.9 | 28 | 13.0 | +1.4 | 9.7 | 03 | 0.0 | 0.0 | - 10.5 | 0.0 | .. | 0 | - 1.0 | 8.6 | 6.7 | +2.8 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 |
| Dhubri | 28.5 | +3.0 | 33.2 | 28 | 14.1 | -0.1 | 11.4 | 02 | 0.0 | 0.1 | - 21.2 | 0.1 | 11 | 0 | - 1.7 | 9.6 | 7.5 | +2.4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 29.0 | +2.8 | 33.0 | 28 | 11.3 | +0.7 | 6.9 | 03 | 17.2 | 4.8 | - 28.7 | 2.6 | 15 | 1 | - 1.8 | 4.8 | 3.0 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 27.4 | +1.0 | 30.9 | 28 | 16.4 | +1.5 | 12.6 | 18 | 0.0 | 0.0 | - 13.7 | 0.0 | .. | 0 | - 1.0 | 6.2 | 6.0 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 21.5 | -1.1 | 24.0 | 28 | 12.4 | +0.1 | 9.7 | 02 | 0.0 | 1.8 | - 41.7 | 1.8 | 12 | 0 | - 3.3 | 10.6 | 4.6 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 29.0 | +2.1 | 31.5 | 15 | 15.4 | +1.9 | 11.7 | 02 | 0.0 | 11.9 | - 49.3 | 7.9 | 11 | 2 | - 1.4 | 6.1 | 8.5 | +0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 29.2 | +2.1 | 32.8 | 15 | 14.2 | +0.6 | 9.5 | 01 | 0.0 | 0.2 | - 48.6 | 0.2 | 17 | 0 | - 3.5 | 3.8 | 1.8 | +0.0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 25.1 | +2.3 | 28.0 | 28 | 4.7 | -1.8 | 1.1 | 02 | 0.4 | 1.4 | - 29.7 | 0.8 | 17 | 0 | - 2.7 | 9.5 | 4.9 | -1.8 | 1 | 2 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Kailashahar | 30.1 | +1.9 | 33.3 | 28 | 13.0 | +1.0 | 8.7 | 02 | 0.0 | 0.0 | - 31.5 | 0.0 | .. | 0 | - 2.3 | 5.1 | 2.5 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agartala | 31.0 | +2.7 | 34.3 | 15 | 13.2 | +0.0 | 8.1 | 01 | 0.0 | 0.0 | - 28.6 | 0.0 | .. | 0 | - 1.7 | 7.5 | 3.7 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 27.7 | +1.1 | 31.2 | 28 | 12.3 | +1.4 | 9.0 | 02 | 0.3 | 5.2 | + 2.9 | 5.2 | 14 | 1 | + 0.8 | 8.5 | 7.1 | +2.3 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 27.5 | +2.3 | 30.9 | 28 | 15.2 | +2.5 | 12.0 | 01 | 0.0 | 3.6 | - 13.4 | 3.0 | 14 | 1 | - 0.5 | 7.5 | 5.0 | +0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 27.6 | +0.8 | 31.5 | 28 | 13.3 | +1.0 | 9.7 | 03 | 0.0 | 1.8 | - 18.0 | 1.8 | 11 | 0 | - 1.6 | 6.8 | 4.0 | +0.8 | 0 | 1 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Balurghat | 29.7 | .. | 33.4 | 28 | 13.2 | .. | 8.8 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 3.1 | 2.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malda | 29.6 | +2.8 | 34.1 | 28 | 14.7 | +1.9 | 10.4 | 01 | 0.0 | 0.0 | - 21.6 | 0.0 | .. | 0 | - 1.7 | 3.0 | 1.6 | -3.3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 30.3 | +1.9 | 34.5 | 28 | 14.5 | +0.8 | 10.9 | 02 | 0.0 | 0.0 | - 20.6 | 0.0 | .. | 0 | - 1.7 | 3.6 | 1.7 | -0.2 | 0 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| Suri | 30.1 | +2.3 | 33.9 | 28 | 17.5 | +3.0 | 10.6 | 01 | .. | 0.0 | - 8.8 | 0.0 | .. | 0 | - 1.5 | . | 5.1 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 31.5 | +3.2 | 36.8 | 28 | 14.0 | -0.7 | 10.0 | 01 | 0.0 | 0.0 | - 29.0 | 0.0 | .. | 0 | - 2.4 | 7.5 | 4.5 | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 30.5 | .. | 34.6 | 28 | 15.2 | .. | 10.9 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.5 | 6.1 | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Krishnanagar | 32.1 | +2.5 | 36.0 | 28 | 13.8 | +0.1 | 9.2 | 02 | 0.0 | 0.0 | - 27.4 | 0.0 | .. | 0 | - 1.8 | 3.3 | 2.1 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 30.5 | +1.5 | 36.4 | 28 | 16.4 | +1.0 | 12.0 | 02 | 8.6 | 13.6 | + 0.5 | 13.6 | 16 | 1 | - 0.5 | 5.6 | 3.5 | -0.3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bankura | 31.9 | .. | 37.0 | 28 | 16.1 | .. | 11.4 | 01 | 0.0 | 1.0 | - 27.7 | 1.0 | 16 | 0 | - 2.1 | 2.3 | 1.9 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 30.8 | +2.2 | 34.2 | 27 | 16.9 | +2.0 | 12.1 | 02 | 0.0 | 0.0 | - 32.5 | 0.0 | .. | 0 | - 2.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 30.8 | .. | 34.4 | 28 | 16.1 | .. | 10.0 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 30.9 | +1.9 | 34.2 | 28 | 16.5 | +1.4 | 10.8 | 02 | 3.2 | 3.2 | - 12.9 | 3.2 | 23 | 1 | - 0.5 | 7.2 | 4.2 | -0.9 | 0 | 1 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| Calcutta | 31.3 | +1.8 | 34.2 | 27 | 18.1 | +1.6 | 12.4 | 02 | 0.0 | 0.8 | - 27.1 | 0.8 | 16 | 0 | - 1.8 | 7.2 | 4.6 | +0.9 | 0 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Midnapore | 31.5 | +1.9 | 35.9 | 28 | 15.4 | -0.5 | 9.9 | 02 | 0.0 | 9.2 | - 24.3 | 9.0 | 16 | 1 | - 1.2 | 5.6 | 3.7 | -0.1 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Contai | 30.3 | +0.9 | 33.7 | 13 | 17.6 | +0.0 | 12.2 | 02 | 0.0 | 0.0 | - 11.0 | 0.0 | .. | 0 | - 0.7 | 9.3 | 5.6 | -0.9 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Sagar Island | 27.5 | +0.7 | 30.7 | 25 | 20.8 | +2.0 | 14.6 | 05 | 0.0 | 0.0 | - 25.7 | 0.0 | .. | 0 | - 1.5 | 15.3 | 13.9 | +0.4 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Sandheads | 27.7 | .. | 32.0 | 18 | 22.8 | .. | 20.9 | 02 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 0.9 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 32.9 | +1.1 | 37.8 | 28 | 15.9 | +0.6 | 10.4 | 02 | 0.0 | 0.4 | - 39.5 | 0.4 | 17 | 0 | - 2.0 | 3.8 | 2.2 | +0.0 | 0 | 1 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 |
| Jharsuguda | 33.0 | +2.4 | 36.5 | 28 | 15.2 | +0.8 | 10.1 | 03 | 0.0 | 0.0 | - 23.4 | 0.0 | .. | 0 | - 1.5 | 6.7 | 5.7 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keonjhargarh | 30.1 | +2.1 | 35.4 | 28 | 14.7 | +0.0 | 10.3 | 02 | 7.3 | 7.4 | - 42.6 | 6.1 | 18 | 1 | - 1.0 | 6.5 | 4.0 | -0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 31.0 | +1.5 | 33.9 | 12 | 16.0 | -0.8 | 10.6 | 01 | 27.1 | 27.1 | - 11.5 | 19.2 | 22 | 2 | - 0.3 | 7.7 | 4.5 | -1.0 | 0 | 2 | 0 | 0 | 2 | 4 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 32.5 | +2.0 | 34.6 | 5 ds | 14.4 | -0.5 | 10.8 | 04 | 0.0 | 0.0 | - 26.9 | 0.0 | .. | 0 | - 2.3 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 32.6 | +2.1 | 37.4 | 28 | 14.7 | -1.6 | 9.9 | 02 | 2.0 | 2.0 | - 27.5 | 2.0 | 18 | 0 | - 2.0 | 5.0 | 4.6 | -1.6 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| Chandbali | 31.5 | +1.6 | 34.9 | 28 | 17.7 | +0.2 | 12.2 | 02 | 0.0 | 0.0 | - 23.4 | 0.0 | .. | 0 | - 1.4 | 9.1 | 6.4 | -0.9 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Bolangir | 33.9 | +2.6 | 36.6 | 22 | 17.2 | -0.7 | 10.2 | 02 | 0.0 | 0.0 | - 28.3 | 0.0 | .. | 0 | - 1.7 | 4.3 | 4.9 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 31.5 | .. | 36.0 | 28 | 11.2 | .. | 5.2 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.4 | 1.9 | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Cuttack | 33.4 | +1.9 | 37.1 | 28 | 18.5 | +0.3 | 12.4 | 04 | 0.0 | 25.0 | - 2.7 | 25.0 | 18 | 1 | - 0.7 | 4.4 | 3.4 | -0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 34.7 | +2.4 | 38.4 | 28 | 18.6 | +2.1 | 14.8 | 11 | 0.0 | 0.0 | - 10.8 | 0.0 | .. | 0 | - 0.9 | 4.1 | 2.9 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 32.1 | +0.1 | 35.4 | 28 | 17.9 | -0.6 | 12.2 | 04 | 19.8 | 31.8 | + 7.1 | 29.2 | 18 | 2 | + 0.7 | 12.6 | 8.9 | -2.1 | 0 | 2 | 0 | 0 | 2 | 12 | 0 | 0 | 1 | 0 |
| Puri | 28.6 | +0.3 | 33.3 | 25 | 21.1 | +0.3 | 14.4 | 04 | 0.0 | 0.0 | - 22.6 | 0.0 | .. | 0 | - 1.2 | 19.8 | 16.4 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 29.1 | +0.2 | 32.9 | 25 | 18.2 | -1.2 | 14.2 | 05 | 0.0 | 0.2 | - 28.0 | 0.2 | 21 | 0 | - 1.2 | 15.1 | 12.7 | -0.1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Koraput | 28.9 | +0.7 | 32.3 | 24 | .. | .. | .. | .. | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.3 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 30.6 | +2.6 | 34.7 | 28 | 14.3 | +1.1 | 10.4 | 03 | 1.3 | 1.3 | - 23.6 | 1.3 | 16 | 0 | - 2.0 | 6.7 | 3.6 | +0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 30.2 | +3.2 | 37.2 | 28 | 11.7 | +0.0 | 8.0 | 02 | 0.0 | 4.4 | - 29.4 | 4.4 | 15 | 1 | - 1.6 | 4.5 | 3.7 | +0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 27.3 | +2.2 | 33.5 | 28 | 11.7 | -0.3 | 6.3 | 01 | 0.0 | 0.2 | - 35.1 | 0.2 | 15 | 0 | - 2.7 | 11.3 | 8.6 | +0.9 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 30.2 | +2.8 | 33.5 | 28 | 16.1 | +1.6 | 11.5 | 01 | 0.0 | 0.0 | - 22.9 | 0.0 | .. | 0 | - 2.1 | 4.0 | 3.1 | -4.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 28.1 | +2.2 | 31.1 | 14 | 10.2 | -2.0 | 7.5 | 01 | 6.0 | 14.4 | - 29.5 | 14.4 | 16 | 1 | - 2.5 | 5.2 | 3.9 | -0.8 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 27.6 | +2.5 | 33.4 | 28 | 13.8 | +1.5 | 9.6 | 02 | 8.0 | 10.2 | - 21.8 | 10.2 | 16 | 1 | - 1.7 | 10.3 | 8.3 | -1.1 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Jamshedpur | 31.6 | +2.4 | 37.4 | 28 | 13.8 | -0.5 | 8.4 | 01 | 0.0 | 3.1 | - 32.1 | 3.1 | 16 | 1 | - 1.5 | 6.0 | 3.9 | -0.2 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 31.1 | +2.1 | 36.8 | 28 | 14.4 | +0.0 | 8.8 | 01 | 0.0 | 7.0 | - 20.5 | 7.0 | 16 | 1 | - 1.0 | 6.9 | 3.9 | -0.3 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Chaibasa | 31.6 | +2.4 | 37.3 | 28 | 14.1 | -0.3 | 8.4 | 01 | 0.0 | 5.8 | - 29.3 | 5.8 | 16 | 1 | - 1.6 | 3.6 | 2.2 | -0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 26.5 | +1.1 | 30.9 | 28 | 10.9 | +0.7 | 6.6 | 01 | 17.0 | 28.4 | + 13.4 | 20.4 | 14 | 3 | + 1.7 | 4.3 | 2.6 | +0.2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 27.0 | -0.2 | 33.0 | 28 | 12.9 | +1.9 | 8.2 | 01 | 1.0 | 8.0 | + 3.1 | 7.6 | 14 | 1 | + 0.3 | 4.0 | 2.3 | -2.7 | 0 | 2 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 |
| Darbhanga | 25.9 | +0.0 | 30.3 | 27 | 13.3 | +1.7 | 8.8 | 01 | 11.1 | 23.3 | + 7.3 | 19.0 | 14 | 2 | + 0.4 | 2.5 | 1.9 | -0.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10.1 | - 6.7 | 9.1 | 14 | 1 | - 0.7 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 28.5 | .. | 32.2 | 28 | 14.6 | .. | 11.0 | 02 | 4.8 | 23.4 | + 4.3 | 21.0 | 14 | 1 | - 0.8 | 3.1 | 2.2 | .. | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Purnea | 28.4 | +1.8 | 33.9 | 28 | 10.7 | -0.4 | 6.2 | 01 | 0.0 | 0.0 | - 17.3 | 0.0 | .. | 0 | - 1.5 | 4.3 | 2.3 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 28.3 | +2.0 | 32.9 | 28 | 13.5 | +0.1 | 9.2 | 01 | 0.5 | 15.9 | - 6.2 | 15.9 | 14 | 1 | - 0.9 | 6.6 | 6.0 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 27.9 | +1.3 | 31.5 | 28 | 12.9 | +1.0 | 8.3 | 01 | 0.4 | 11.0 | + 1.8 | 11.0 | 14 | 1 | + 0.1 | 8.9 | 6.7 | +1.9 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | - | 0.0 | - 27.3 | 0.0 | .. | 0 | - 1.8 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhagalpur | 28.6 | +1.2 | 33.2 | 28 | 15.4 | +1.1 | 11.3 | 01 | 0.0 | 0.0 | - 3.5 | 0.0 | .. | 0 | - 0.5 | 7.9 | 5.0 | -1.3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Sabaur | 27.8 | +1.4 | 33.0 | 28 | 11.2 | +0.5 | 7.2 | 01 | 0.0 | 0.0 | - 20.1 | 0.0 | .. | 0 | - 1.6 | 7.1 | 3.7 | -1.8 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Jamui | 29.9 | +1.6 | 35.4 | 28 | 12.6 | -0.7 | 8.8 | 01 | 0.0 | 0.0 | - 7.7 | 0.0 | .. | 0 | - 0.7 | 6.6 | 3.5 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 29.3 | +1.6 | 34.9 | 28 | 14.2 | +0.0 | 9.7 | 01 | 2.1 | 12.3 | - 12.3 | 12.3 | 15 | 1 | - 1.0 | 8.2 | 5.2 | -0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 28.9 | +1.9 | 34.8 | 28 | 12.5 | +0.3 | 7.5 | 02 | 3.4 | 9.3 | - 5.2 | 5.9 | 15 | 2 | + 0.4 | 8.5 | 4.6 | -2.5 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Bahraich | 28.2 | +2.6 | 32.2 | 28 | 12.8 | +1.9 | 8.6 | 01 | 0.6 | 3.4 | - 18.2 | 2.8 | 13 | 1 | - 1.0 | 7.2 | 4.7 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 27.8 | +2.2 | 31.6 | 28 | .. | .. | .. | .. | 11.2 | 14.0 | + 5.8 | 11.2 | 14 | 2 | + 1.1 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 28.4 | +2.3 | 32.8 | 26 | 11.2 | +0.5 | 7.8 | 02 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 1.1 | 9.7 | 6.9 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 28.0 | +2.3 | 32.2 | 27 | 12.7 | +2.2 | 7.6 | 02 | 2.6 | 2.6 | - 17.5 | 2.6 | 14 | 1 | - 0.8 | 5.8 | 4.6 | -0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 28.2 | +1.8 | 32.7 | 27 | 13.8 | +2.3 | 10.0 | 02 | 0.0 | 0.0 | - 20.6 | 0.0 | .. | 0 | - 1.9 | 4.8 | 3.5 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 28.8 | +2.8 | 32.7 | 28 | 10.9 | +1.2 | - | - | 0.4 | 1.0 | - 8.6 | 0.6 | 13 | 0 | - 0.9 | 11.8 | 7.2 | -0.1 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Faizabad | 28.5 | +2.5 | 32.4 | 27 | 12.2 | +1.8 | 8.0 | 02 | 0.7 | 0.7 | - 7.1 | 0.7 | 14 | 0 | - 1.4 | 5.1 | 2.6 | -1.0 | 0 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 |
| Gorakhpur | 28.2 | +2.3 | 32.5 | 27 | 14.1 | +1.8 | 9.7 | 01 | 6.3 | 9.3 | - 9.5 | 7.3 | 14 | 1 | - 1.0 | 4.5 | 3.0 | -0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 29.4 | +3.4 | 33.9 | 27 | 13.6 | +2.6 | 8.9 | 01 | 0.0 | 1.8 | - 16.5 | 1.8 | 13 | 0 | - 1.5 | 15.9 | 11.3 | +2.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 29.5 | .. | 33.7 | 26 | 13.0 | .. | 6.8 | 01 | 0.0 | 0.5 | .. | 0.5 | 13 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sultanpur | 29.4 | +3.0 | 34.4 | 27 | 11.8 | +0.2 | 8.9 | 03 | 8.4 | 14.4 | + 9.5 | 11.6 | 14 | 2 | + 1.4 | 6.0 | 4.2 | -0.5 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Azamgarh | 29.2 | +2.0 | 33.4 | 23 | 10.7 | -0.8 | 6.7 | 02 | .. | .. | .. | .. | .. | .. | .. | 6.3 | 3.1 | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 30.0 | +3.4 | 35.5 | 27 | 12.4 | +1.3 | 7.5 | 02 | 0.2 | 1.2 | - 16.7 | 1.0 | 13 | 0 | - 1.8 | 10.6 | 5.9 | +1.8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 28.2 | +1.6 | 32.5 | 28 | 13.2 | +2.1 | 10.2 | 07 | 7.2 | 17.8 | + 12.9 | 17.8 | 14 | 1 | + 0.0 | 5.6 | 2.4 | -2.0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Banda | 31.3 | +3.4 | 36.8 | 27 | 13.5 | +1.7 | 8.8 | 02 | 0.0 | 0.0 | - 13.3 | 0.0 | .. | 0 | - 1.0 | 2.9 | 1.7 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 30.2 | +3.5 | 35.3 | 28 | 13.6 | +2.0 | 8.4 | 01 | 1.7 | 8.7 | - 11.9 | 5.0 | 14 | 1 | - 1.0 | 6.8 | 3.9 | -1.6 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 28.9 | +1.7 | 34.4 | 28 | 11.9 | +0.4 | 7.4 | 02 | 4.6 | 33.1 | + 25.2 | 26.0 | 14 | 2 | + 1.2 | 11.1 | 8.7 | -0.6 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 29.0 | +2.4 | 34.5 | 28 | 13.1 | +1.1 | 8.4 | 01 | 2.4 | 39.2 | + 15.8 | 35.0 | 14 | 2 | + 0.0 | 6.4 | 3.7 | -4.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 15.7 | +2.4 | 21.5 | 26 | 6.6 | +2.3 | 1.3 | 13 | 22.8 | 86.8 | + 34.4 | 42.2 | 13 | 7 | + 3.3 | .. | .. | .. | 1 | 10 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 23.9 | +1.5 | 30.6 | 26 | 9.4 | +2.8 | 5.4 | 05 | 11.4 | 54.4 | + 7.7 | 32.3 | 13 | 5 | + 2.0 | 1.7 | 0.8 | .. | 2 | 8 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Dehra Dun | 23.9 | +2.5 | 29.3 | 26 | 9.3 | +1.1 | 5.4 | 02 | 21.0 | 61.2 | - 5.6 | 30.8 | 13 | 4 | + 0.2 | 4.3 | 3.3 | +0.2 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 12.6 | .. | 18.3 | 26 | 4.2 | .. | 0.6 | 22 | .. | 157.8 | .. | 51.0 | 13 | 7 | .. | .. | .. | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roorkee | 25.3 | +2.4 | 31.5 | 26 | 9.3 | +0.6 | 4.2 | 01 | 6.4 | 32.2 | - 13.3 | 22.2 | 13 | 2 | - 0.9 | 6.6 | 4.5 | -0.3 | 0 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 25.7 | +2.0 | 30.3 | 26 | .. | .. | .. | .. | 11.4 | 62.6 | + 36.4 | 49.4 | 13 | 2 | + 1.8 | 4.7 | 5.3 | +1.6 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 26.7 | +2.2 | 31.0 | 26 | 9.8 | +0.0 | 5.2 | 02 | .. | 25.3 | - 4.4 | 25.3 | 13 | 1 | - 1.5 | .. | 6.6 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 27.1 | +2.2 | 30.7 | 28 | 13.5 | +2.7 | 9.4 | 01 | 0.4 | .6 | - 20.1 | 7.4 | 13 | 1 | - 1.0 | 11.3 | 7.1 | +2.3 | 1 | 1 | 0 | 0 | 2 | 7 | 0 | 0 | 0 | 0 |
| Aligarh | 27.2 | +2.3 | 30.6 | 10 | 12.0 | +2.1 | 7.7 | 02 | 0.6 | 7.8 | - 11.0 | 3.0 | 15 | 2 | + 0.4 | 11.3 | 7.8 | +1.5 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mainpuri | 29.1 | +3.1 | 33.0 | 27 | 10.6 | +0.5 | 6.4 | 02 | 0.0 | 5.8 | - 7.1 | 5.8 | 13 | 1 | - 0.2 | 7.4 | 4.7 | +0.8 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Agra | 28.5 | +2.8 | 33.5 | 27 | 12.9 | +2.6 | 6.8 | 01 | 0.0 | 4.1 | - 9.4 | 4.1 | 13 | 1 | - 0.2 | 1.3 | 1.0 | -3.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 29.1 | .. | 33.6 | 27 | 11.3 | .. | 6.4 | 01 | 1.3 | 12.2 | .. | 10.9 | 13 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Orai | 29.1 | +2.0 | 36.0 | 27 | 13.3 | +2.3 | 8.0 | 01 | 0.0 | 2.0 | - 4.0 | 2.0 | 13 | 0 | - 0.6 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 30.9 | +3.4 | 34.2 | 10 | 13.5 | +1.8 | 8.9 | 01 | 0.0 | 6.4 | - 5.8 | 3.4 | 13 | 2 | + 0.9 | 5.1 | 4.8 | +0.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INDIA) (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 24.0 | +1.8 | 28.7 | 06 | 11.3 | +2.9 | 6.6 | 07 | 17.2 | 57.2 | + 15.3 | 34.9 | 13 | 3 | + 0.7 | .. | .. | .. | 0 | 8 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 24.3 | +1.7 | 29.1 | 06 | 9.6 | +3.1 | 4.1 | 01 | 21.2 | 46.9 | + 31.0 | 20.5 | 13 | 3 | + 1.4 | 9.0 | 7.9 | +0.3 | 0 | 5 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 25.8 | .. | 30.2 | 08 | 8.7 | .. | 2.8 | 01 | 2.5 | 32.0 | .. | 20.3 | 13 | 4 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| Ludhiana | 26.5 | +2.2 | 31.2 | 08 | 6.4 | -2.0 | 2.6 | 01 | 0.2 | 51.4 | + 14.8 | 23.6 | 27 | 3 | + 0.3 | 7.2 | 4.5 | +1.3 | 0 | 3 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 |
| Ferozepur | 24.5 | +1.1 | 29.0 | 06 | 10.6 | +3.0 | 6.1 | 01 | 0.7 | 22.7 | + 10.1 | 17.7 | 13 | 2 | + 1.0 | 5.0 | 4.0 | +1.4 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 25.0 | .. | 29.7 | 08 | 9.2 | .. | 3.6 | 01 | 22.6 | 68.5 | .. | 29.0 | 13 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 |
| Chandigarh | 24.5 | +1.1 | 30.6 | 26 | 11.3 | +2.4 | 7.7 | 02 | 6.2 | 54.2 | + 28.7 | 31.2 | 13 | 4 | + 2.4 | .. | .. | .. | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ambala (Aerodrome) | 25.9 | .. | 32.0 | 26 | 11.0 | .. | 5.0 | 02 | 4.1 | 57.8 | .. | 32.2 | 13 | 3 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Patiala | 26.2 | +2.0 | 30.9 | 26 | 12.2 | +2.9 | 7.1 | 02 | 1.3 | 24.9 | - 6.3 | 10.6 | 13 | 3 | + 0.9 | 11.3 | 9.3 | +0.0 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 25.7 | +1.7 | 30.4 | 09 | 10.5 | +3.5 | 4.9 | 02 | 10.2 | 80.6 | + 73.3 | 50.0 | 13 | 3 | + 2.3 | 5.7 | 4.[illegible] | -0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | 25.1 | +1.1 | 29.8 | 26 | .. | .. | .. | .. | 6.0 | 22.0 | - 10.7 | 21.0 | 13 | 1 | - 0.5 | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 26.7 | +1.7 | 31.9 | 09 | 12.0 | +3.9 | 8.4 | 01 | 7.8 | 35.3 | + 21.6 | 30.4 | 13 | 2 | + 0.7 | 7.2 | 6.3 | -0.1 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 26.2 | +2.6 | 30.6 | 09 | 12.0 | +1.9 | 7.8 | 02 | 2.5 | 25.4 | + 1.8 | 19.9 | 13 | 2 | + 0.3 | 16.3 | 11.0 | +0.9 | 0 | 5 | 0 | 0 | 4 | 5 | 0 | 0 | 0 | 0 |
| Palam (Aerodrome) | 25.9 | .. | 30.4 | 09 | 11.7 | .. | 5.6 | 01 | 1.4 | 23.6 | .. | 17.3 | 13 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 3 | 2 | 0 | 0 | 0 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 23.9 | +2.6 | 27.9 | 07 | .. | .. | .. | .. | 43.2 | 47.2 | + 17.1 | 23.4 | 27 | 3 | + 0.5 | 1.5 | 1.0 | -1.5 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 24.7 | +2.9 | 28.0 | 26 | 8.4 | +2.5 | 3.4 | 04 | 5.5 | 50.0 | + 33.4 | 21.0 | 27 | 4 | + 2.0 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sonamarg (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leh | 6.0 | +5.2 | 10.1 | 07 | - 8.0 | +3.8 | -12.4 | 26 | .. | 10.5 | + 2.9 | 4.4 | 10 | 2 | + 1.1 | 5.6 | 5.0 | +1.2 | 0 | 5 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 8.7 | +0.8 | 15.5 | 06 | 0.8 | +1.6 | - 2.3 | 01 | 72.3 | 211.6 | +137.9 | 51.1 | 13 | 9 | + 2.8 | 5.2 | 4.7 | +0.4 | 1 | 12 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 7.7 | .. | 14.5 | 06 | 0.7 | .. | - 1.9 | 23 | 78.1 | 211.8 | .. | 54.5 | 13 | 10 | .. | .. | .. | .. | 0 | 12 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gulmarg | Closed during winter months. | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Qazigund | 8.2 | .. | 15.4 | 05 | 0.0 | .. | - 3.1 | 23 | 168.2 | 395.0 | .. | 92.6 | 13 | 13 | .. | 1.0 | 1.4 | .. | 0 | 13 | 9 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Banihal | 11.2 | .. | 20.3 | 02 | 1.8 | .. | - 3.6 | 22 | 194.7 | 455.9 | .. | 107.6 | 13 | 12 | .. | .. | .. | .. | 0 | 12 | 5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 23.5 | +2.4 | 29.1 | 08 | .. | .. | .. | .. | 28.2 | 165.8 | +101.5 | 84.8 | 13 | 8 | + 4.3 | .. | .. | .. | 1 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 23.2 | .. | 27.6 | 08 | 11.4 | .. | 8.0 | 23 | 53.8 | 131.7 | .. | 45.7 | 13 | 7 | .. | .. | .. | .. | 0 | 9 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 26.6 | +2.5 | 32.0 | 05 | 9.5 | +2.0 | 4.6 | 01 | 23.3 | 28.7 | + 23.6 | 27.4 | 13 | 1 | + 0.5 | 2.1 | 1.0 | -4.0 | 1 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Anupgarh (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 28.3 | .. | 33.7 | 27 | 15.1 | .. | 0.0 | 00 | 0.0 | 37.0 | .. | 37.0 | 13 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 27.8 | +2.6 | 32.8 | 09 | 12.0 | +4.7 | 5.0 | 01 | 4.2 | 38.6 | + 35.7 | 30.8 | 13 | 2 | + 1.2 | 10.0 | 7.0 | +1.1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 28.4 | +2.3 | 35.0 | 26 | 11.6 | +3.4 | 5.1 | 01 | 32.7 | 40.1 | + 33.0 | 34.8 | 13 | 2 | + 1.4 | 8.3 | 5.9 | +0.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | 29.4 | +2.7 | 36.9 | 26 | 12.1 | +1.8 | 6.8 | 01 | 0.0 | 1.5 | - 2.1 | 1.2 | 12 | 0 | - 0.4 | 8.0 | 6.0 | +0.2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Phalodi | 28.9 | +2.6 | 35.8 | 26 | 11.6 | +1.7 | 7.5 | 14 | 2.0 | 12.0 | + 6.4 | 12.0 | 12 | 1 | + 0.4 | 12.3 | 9.6 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaisalmer | 29.5 | +1.3 | 35.0 | 26 | 9.8 | -0.8 | 4.5 | 27 | 0.0 | 6.6 | + 5.1 | 4.2 | 13 | 2 | + 1.8 | 7.7 | 8.3 | +0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 31.3 | +3.4 | 36.8 | 26 | 14.3 | +2.3 | 9.7 | 23 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.6 | 10.8 | 8.0 | -0.8 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Barmer | 31.9 | +3.3 | 36.6 | 26 | 16.7 | +2.4 | 10.7 | 02 | 0.0 | 2.2 | - 3.4 | 2.2 | 12 | 0 | - 0.6 | 7.2 | 5.5 | -2.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 32.1 | +3.7 | 34.1 | 26 | .. | .. | .. | .. | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.3 | 5.1 | 4.0 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 27.5 | +1.5 | 32.5 | 27 | 10.9 | +2.9 | 7.0 | 01 | 3.0 | 13.6 | + 10.6 | 7.4 | 12 | 2 | + 1.6 | 10.7 | 8.0 | -0.6 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sikar | 28.1 | +1.9 | 34.2 | 27 | 9.3 | +1.1 | 3.4 | 01 | 0.0 | 0.3 | - 2.7 | 0.3 | 12 | 0 | - 0.6 | 14.8 | 12.0 | +5.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 28.0 | +2.2 | 32.2 | 10 | 14.3 | +4.7 | 8.3 | 02 | 0.1 | 21.3 | + 20.8 | 16.7 | 13 | 2 | + 1.5 | 3.6 | 2.0 | - | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 28.4 | +3.0 | 33.3 | 27 | 13.5 | +2.8 | 7.0 | 01 | 1.0 | 12.9 | + 3.0 | 9.8 | 13 | 2 | + 1.0 | .. | .. | .. | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Bholpur | 29.9 | +3.6 | 36.8 | 27 | 12.1 | +2.2 | 6.2 | 02 | 0.0 | 3.0 | - 0.7 | 3.0 | 13 | 1 | + 0.3 | 8.0 | 5.0 | +1.2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ajmer | 28.7 | +3.4 | 33.1 | 26 | 12.4 | +2.5 | 7.1 | 01 | 1.2 | 8.8 | + 1.9 | 7.0 | 13 | 1 | + 0.2 | 5.9 | 5.2 | +0.8 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 28.6 | +1.7 | 33.4 | 26 | 13.8 | +4.4 | 6.8 | 01 | 0.0 | 8.2 | + 7.7 | 8.2 | 13 | 1 | + 1.0 | 7.9 | 6.4 | +1.4 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Bhilwara | 30.2 | .. | 35.5 | 26 | 12.4 | .. | 6.9 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.0 | 5.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 31.8 | +3.3 | - | - | 16.2 | +3.1 | - | - | 0.0 | 0.8 | - 4.3 | 0.8 | 13 | 0 | - 0.5 | . | 4.0 | +1.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 30.8 | .. | 34.9 | 10 | 15.3 | .. | 10.6 | 02 | 0.1 | 1.3 | .. | 1.0 | 13 | 0 | .. | 8.9 | 7.6 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 31.2 | +2.8 | 36.1 | 27 | 14.8 | +6.1 | 9.1 | 01 | 0.0 | 0.2 | - 0.7 | 0.2 | 13 | 0 | - 0.2 | .. | .. | .. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 29.8 | +2.2 | 34.4 | 26 | 11.9 | +2.2 | 6.5 | 01 | 0.0 | 1.0 | - 3.3 | 1.0 | 12 | 0 | - 0.5 | 4.4 | 2.0 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 31.6 | +3.2 | 36.0 | 27 | 12.2 | +0.8 | 6.3 | 03 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.6 | 6.0 | 5.0 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 33.0 | .. | 38.1 | 26 | 15.6 | .. | 11.6 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.0 | 5.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 29.6 | +3.0 | 37.2 | 27 | 12.9 | +2.9 | 6.2 | 02 | 3.0 | 10.0 | + 2.2 | 6.8 | 13 | 2 | + 1.2 | 11.0 | 5.9 | +1.5 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 30.7 | +2.3 | 36.2 | 27 | 13.1 | +3.2 | 7.7 | 01 | 2.0 | 8.0 | + 2.5 | 8.0 | 13 | 1 | + 0.4 | 9.3 | 6.9 | +1.8 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 29.3 | .. | 35.4 | 27 | 9.2 | .. | 3.2 | 01 | 4.6 | 4.6 | .. | 4.6 | 14 | 1 | .. | 9.1 | 5.3 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Newgong | 30.4 | +2.9 | 36.9 | 27 | 11.5 | +1.6 | 6.3 | 01 | 0.0 | 1.4 | - 14.3 | 1.4 | 13 | 0 | - 1.4 | 7.2 | 3.7 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guna | 31.0 | +3.2 | 36.4 | 27 | 12.1 | +1.9 | 5.5 | 01 | 0.0 | 0.7 | - 10.5 | 0.7 | 13 | 0 | - 1.0 | 11.2 | 6.9 | +1.8 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 30.2 | +2.6 | 35.9 | 27 | 14.3 | +2.4 | 8.6 | 01 | 0.0 | 3.8 | - 0.5 | 3.8 | 12 | 1 | + 0.6 | 8.8 | 6.8 | -0.2 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Rajgarh | 30.8 | +1.3 | 37.6 | 27 | 13.1 | +2.9 | 7.5 | 01 | 0.0 | 0.0 | - 0.4 | 0.0 | .. | 0 | + 0.0 | 8.9 | 6.5 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 31.0 | +3.6 | 33.4 | 28 | 14.5 | +0.6 | 10.5 | 14 | 0.0 | 2.4 | - 10.3 | 2.4 | 13 | 0 | - 1.3 | 7.5 | 6.8 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 32.4 | +2.6 | 37.3 | 26 | 14.4 | +1.1 | 11.3 | 20 | 0.0 | 0.0 | - 1.7 | 0.0 | .. | 0 | - 0.3 | 11.7 | 8.5 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 30.8 | +2.3 | 35.5 | 27 | 14.0 | +1.5 | 10.2 | 01 | 0.0 | 0.6 | - 4.7 | 0.6 | 13 | 0 | - 0.6 | 10.0 | 7.8 | +1.4 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Ujjain | 31.9 | .. | 35.8 | 26 | 10.6 | .. | 6.1 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.5 | 4.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 33.8 | .. | 36.4 | 28 | 10.7 | .. | 4.0 | 02 | 0.0 | 2.0 | .. | 2.0 | 13 | 0 | .. | 5.3 | 3.0 | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Hoshangabad | 32.8 | +3.0 | 37.4 | 28 | 14.4 | +0.1 | 10.2 | 08 | 0.0 | 1.4 | - 10.5 | 1.4 | 13 | 0 | - 1.1 | 5.7 | 4.5 | +0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 31.5 | +2.6 | 36.0 | 27 | 13.0 | +2.0 | 8.5 | 04 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.4 | 10.9 | 8.7 | -2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 32.7 | +1.9 | 37.2 | 26 | 13.5 | +1.6 | 9.6 | 03 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | - 0.1 | 9.6 | 4.2 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 31.5 | +2.5 | 34.6 | 27 | 12.9 | +0.1 | 7.5 | 02 | 0.0 | 0.0 | - 5.9 | 0.0 | .. | 0 | - 0.4 | 6.7 | 4.0 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 32.3 | +3.7 | 36.1 | 28 | 14.6 | +1.3 | 9.5 | 02 | 0.0 | 0.0 | - 24.9 | 0.0 | .. | 0 | - 2.5 | 8.7 | 5.8 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Betul | 31.8 | +2.0 | 35.2 | 27 | 12.6 | +0.1 | 8.1 | 05 | 0.0 | 0.0 | - 2.2 | 0.0 | .. | 0 | - 0.3 | 6.0 | 3.5 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 34.3 | +2.4 | 38.0 | 27 | 14.4 | +0.8 | 9.0 | 05 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.6 | 9.3 | 6.0 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 30.4 | +3.1 | 36.7 | 27 | 13.0 | +1.9 | 7.1 | 01 | 1.0 | 6.3 | - 17.6 | 3.0 | 13 | 1 | - 1.0 | 7.3 | 4.5 | +0.0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 30.1 | .. | 36.5 | 27 | 12.3 | .. | 6.5 | 01 | 1.6 | 14.0 | .. | 7.2 | 13 | 3 | .. | 6.0 | 3.4 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 30.8 | +3.2 | 36.0 | 28 | 12.2 | +1.9 | 6.5 | 01 | 0.0 | 17.8 | + 4.8 | 14.2 | 13 | 2 | + 0.8 | 6.4 | 3.6 | -0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 31.2 | +3.5 | 35.5 | 28 | 11.8 | +1.0 | 5.8 | 01 | 0.0 | 1.0 | - 32.2 | 0.8 | 13 | 0 | - 2.7 | 6.7 | 3.7 | +0.1 | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Jabalpur | 32.4 | +3.5 | 37.6 | 27 | 12.8 | +1.4 | 7.3 | 01 | 0.0 | 1.0 | - 23.4 | 1.0 | 13 | 0 | - 2.1 | 5.4 | 2.9 | -1.1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ambikapur | 29.0 | +1.9 | 33.6 | 28 | 11.9 | +1.5 | 7.0 | 01 | 0.0 | 0.6 | - 21.6 | 0.6 | 15 | 0 | - 1.9 | 10.5 | 7.3 | +0.4 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 27.9 | .. | 31.8 | 28 | 11.1 | .. | 5.0 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.9 | 5.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 29.6 | +3.1 | 34.8 | 28 | 14.8 | +2.3 | 9.7 | 01 | 0.0 | 0.0 | - 36.1 | 0.0 | .. | 0 | - 2.9 | 9.5 | 6.1 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 32.6 | +3.3 | 36.0 | 27 | .. | .. | .. | .. | 0.0 | 0.0 | - 15.3 | 0.0 | .. | 0 | - 1.7 | 5.7[d] | 2.8 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Champa | 33.0 | +1.9 | 37.0 | 27 | 15.4 | -0.8 | 10.5 | 01 | 0.0 | 0.0 | - 13.3 | 0.0 | .. | 0 | - 1.2 | 6.7 | 5.7 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 33.6 | +1.7 | 37.5 | 27 | 16.3 | +0.4 | 10.8 | 01 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.3 | 2.5[k] | 2.1[k] | -2.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 33.0 | +2.7 | 36.6 | 28 | 17.0 | +0.8 | 11.6 | 02 | 0.0 | 0.0 | - 26.9 | 0.0 | .. | 0 | - 2.1 | 6.0 | 4.9 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 32.6 | +2.4 | 36.5 | 28 | 15.6 | +1.0 | 9.4 | 03 | 0.0 | 0.0 | - 22.3 | 0.0 | .. | 0 | - 2.0 | 5.0 | 3.9 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 32.3 | +1.3 | 35.9 | 28 | 15.3 | +1.0 | 9.5 | 04 | 0.0 | 0.0 | - 22.6 | 0.0 | .. | 0 | - 1.4 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 33.0 | +0.9 | 38.0 | 26 | 14.2 | +2.0 | 8.7 | 02 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.3 | 9.3 | 7.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 33.1 | +2.2 | 37.9 | 26 | 14.6 | +1.9 | 9.1 | 01 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 7.3 | 5.6 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 32.5 | +2.0 | 37.9 | 26 | 18.7 | +2.4 | 12.4 | 13 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 8.8 | 7.0 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 33.9 | +2.9 | 38.2 | 26 | 15.8 | +1.3 | 12.6 | 02 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | 8.8 | 4.2 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 32.5 | +2.2 | 35.5 | 11 | 15.9 | +1.4 | 13.1 | 15 | 0.0 | 0.0 | - 1.7 | 0.0 | .. | 0 | - 0.2 | 10.0 | 8.0 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 34.4 | .. | 37.9 | 28 | 13.6 | .. | 9.3 | 20 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.8 | 5.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 34.7 | +2.0 | 39.8 | 26 | 15.5 | +1.3 | 12.7 | 20 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | 5.7 | 4.1 | -2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 35.9 | +3.5 | 40.8 | 26 | 16.1 | +3.4 | 13.1 | 20 | 0.0 | 0.0 | - 1.4 | 0.0 | .. | 0 | - 0.3 | 6.0 | 4.6 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 35.1 | +0.8 | 40.0 | 27 | 16.7 | +1.8 | 13.8 | 19 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | 5.9 | 4.0 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 35.8 | +2.7 | 40.2 | 25 | 17.0 | +0.6 | 15.3 | 20 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | 8.3 | 7.0 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 32.0 | +2.3 | 38.0 | 25 | 13.2 | +2.0 | 8.5 | 01 | 0.0 | 0.0 | - 4.6 | 0.0 | .. | 0 | - 0.2 | 14.9 | 11.1 | +2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 32.5 | +3.4 | 37.2 | 26 | 14.9 | +2.0 | 11.1 | 01 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.4 | 11.8 | 8.7 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 33.0 | .. | 37.4 | 25 | 16.6 | .. | 11.8 | 17 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 17.0 | 16.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 30.7 | +2.4 | 35.3 | 25 | 18.0 | +1.1 | 15.6 | 01 | 0.0 | 0.0 | - 6.0 | 0.0 | .. | 0 | - 0.4 | 11.9 | 12.7 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 28.1 | +1.8 | 34.5 | 25 | 17.1 | +2.3 | 14.0 | 03 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 17.2 | 15.1 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 33.9 | +2.5 | 39.0 | 26 | 17.6 | +2.8 | 14.7 | 20 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 9.1 | 8.2 | -2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 26.9 | .. | 30.6 | 25 | 21.1 | .. | 19.6 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.6 | 17.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 31.7 | +2.9 | 37.0 | 25 | 14.4 | +1.4 | 11.6 | 16 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Dwarka | 30.1 | +3.7 | 36.5 | 25 | 19.8 | +2.1 | 17.0 | 01 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.4 | 15.9 | 14.5 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 33.3 | +2.6 | 39.1 | 26 | 13.5 | +0.4 | 8.2 | 14 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 17.5 | 13.4 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhavnagar Aerodrome | 32.9 | +2.6 | 39.3 | 26 | 16.9 | +2.0 | 14.3 | 04 | 0.0 | 0.0 | - 0.2 | 0.0 | .. | 0 | + 0.0 | 17.0 | 14.0 | +5.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 32.9 | +2.8 | 38.2 | 25 | 17.4 | +0.6 | 13.5 | 20 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.1 | 15.4 | 12.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 34.4 | +1.2 | 39.5 | 25 | 15.6 | +1.9 | 13.8 | 13 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.2 | 17.1 | 14.0 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 33.3 | .. | 37.7 | 25 | 17.1 | .. | 14.1 | 12 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | - 0.1 | 6.7 | 7.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 31.1 | +1.9 | 35.8 | 19 | 17.3 | +1.9 | 14.7 | 13 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | 16.8 | 12.7 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 30.7 | +2.5 | 38.6 | 26 | 19.1 | +1.6 | 16.8 | 15 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | 13.9 | 10.8 | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 33.4 | +1.8 | 39.6 | 25 | 18.7 | +1.8 | 15.6 | 14 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.1 | 12.3 | 8.1 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 31.0 | +1.5 | 36.1 | 26 | 21.5 | +1.2 | 19.3 | 16 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.1 | 11.6 | 9.3 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 30.3 | +1.7 | 34.8 | 25 | 19.3 | +0.9 | 17.4 | 10 | .. | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | . | 8.0 | +0.4 | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Bhira | 37.8 | .. | 41.5 | 25 | 16.9 | .. | 13.7 | 20 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.1 | 2.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 30.0 | +1.9 | 37.3 | 24 | 23.4 | +0.8 | 20.1 | 12 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 17.1 | 14.4 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 32.1 | +1.4 | 36.6 | 24 | 18.9 | -0.9 | 13.4 | 16 | 0.0 | 0.0 | - 1.0 | 0.0 | .. | 0 | - 0.1 | 9.4 | 5.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 30.7 | +0.7 | 34.4 | 05 | 21.8 | +0.1 | 20.4 | 07 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 17.1 | 13.0 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 32.3 | +0.6 | 35.0 | 05 | 18.9 | -0.2 | 15.9 | 05 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | 11.4 | 6.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 32.3 | .. | 35.4 | 08 | 20.7 | .. | 18.7 | 07 | 0.0 | 1.0 | .. | 1.0 | 01 | 0 | .. | 11.9 | 9.6 | .. | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Mormugao | 30.8 | +1.8 | 34.4 | 07 | 22.5 | +0.6 | 20.5 | 07 | 0.0 | 0.2 | + 0.2 | 0.2 | 01 | 0 | + 0.0 | 14.4 | 12.0 | +0.4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 31.7 | .. | 34.7 | 07 | 21.9 | .. | 19.8 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 10.9 | 7.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 35.5 | +2.1 | 38.8 | 26 | 18.1 | +0.2 | 12.6 | 04 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 9.0 | 6.8 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 35.4 | +2.2 | 38.9 | 27 | 15.2 | +0.9 | 9.8 | 04 | 0.0 | 0.0 | - 2.7 | 0.0 | .. | 0 | - 0.4 | 11.8 | 10.1 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 33.9 | +1.3 | 37.4 | 27 | 13.0 | +0.2 | 9.1 | 05 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.3 | 7.5 | 5.8 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 32.6 | .. | 36.0 | 28 | 12.3 | .. | 8.4 | 05 | 0.0[h] | 0.0[h] | .. | .. | .. | .. | .. | 11.5[i] | 9.5[m] | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ahmadnagar | 33.9 | +1.9 | 37.0 | 27 | 14.6 | +0.5 | 9.3 | 04 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.2 | 10.1 | 6.3 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 1.9 | 0.0 | .. | 0 | - 0.1 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 33.9 | .. | 36.8 | 27 | 15.2 | .. | 11.4 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poona | 33.3 | +1.2 | 36.0 | 27 | 12.5 | +0.9 | 8.3 | 05 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.1 | 8.0 | 4.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 33.8 | +0.2 | 36.3 | 27 | 14.1 | -0.6 | 8.8 | 04 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.2 | 10.9 | 6.7 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baramati | .. | .. | .. | .. | 14.7 | +0.2 | 11.4 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 9.2 | 7.4 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 36.6 | +0.9 | 37.4 | 20 | 17.8 | +0.3 | 13.8 | 03 | 0.0 | 0.0 | - 3.8 | 0.0 | .. | 0 | - 0.3 | 8.7 | 7.4 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 33.5 | +0.4 | 36.0 | 28 | 14.9 | -0.5 | 11.1 | 09 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | - 0.1 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 33.8 | +0.7 | 36.3 | 27 | 15.7 | -0.5 | 12.0 | 07 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | - 0.1 | 11.8 | 8.8 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 33.2 | +1.4 | 36.0 | 28 | 16.7 | +0.6 | 12.8 | 04 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.5 | 9.1 | 8.3 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 32.9 | +0.9 | 35.6 | 28 | 12.5 | +0.0 | 7.0 | 04 | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.3 | 11.0 | 7.2 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 33.3 | -0.2 | 35.9 | 28 | 15.7 | -0.4 | 11.0 | 06 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.8 | 8.1 | 5.5 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nander | 34.5 | .. | 37.6 | 28 | 14.9 | .. | 11.2 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.3 | 4.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dir | 33.8 | .. | 37.4 | 27 | 14.1 | .. | 9.4 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.6 | 4.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 33.3 | +2.2 | 37.5 | 27 | 16.2 | +0.8 | 10.7 | 03 | 0.0 | 0.0 | - 14.7 | 0.0 | .. | 0 | - 1.1 | 3.9 | 2.5 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 34.4 | +1.9 | 38.2 | 28 | 14.5 | -0.6 | 9.6 | 04 | 0.0 | 0.0 | - 23.4 | 0.0 | .. | 0 | - 1.8 | 9.9 | 8.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Amraoti | 34.5 | +2.7 | 37.9 | 28 | 18.0 | +1.8 | 14.5 | 05 | 0.0 | 0.0 | - 16.0 | 0.0 | .. | 0 | - 1.1 | 10.0 | 9.0 | -0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 34.9 | .. | 38.4 | 27 | 13.7 | .. | 10.2 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 10.5 | 8.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola | 35.1 | +2.3 | 38.2 | 28 | 13.5 | -1.7 | 9.3 | 04 | 0.0 | 0.0 | - 10.4 | 0.0 | .. | 0 | - 0.8 | 6.4 | 4.6 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 34.1 | +2.4 | 37.2 | 27 | 15.4 | +0.4 | 9.8 | 04 | 0.0 | 0.0 | - 10.6 | 0.0 | .. | 0 | - 0.9 | 6.5 | 4.2 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 32.2 | +1.5 | 35.1 | 27 | 18.3 | +0.4 | 14.6 | 02 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | 10.7 | 8.8 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 33.8 | +1.4 | 37.5 | 27 | 19.7 | +0.7 | 13.0 | 03 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.3 | 10.7 | 8.7 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chanda | 32.8 | +2.5 | 37.7 | 27 | 18.7 | +0.8 | 9.8 | 03 | 0.0 | 0.0 | - 24.9 | 0.0 | .. | 0 | - 1.6 | 7.0 | 4.5 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 34.8 | .. | 37.4 | 28 | 12.4 | .. | 9.1 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.1 | 5.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sirsncha | 34.0 | +0.1 | 37.6 | 28 | 18.4 | +0.3 | 13.2 | 04 | 0.0 | 0.0 | - 4.7 | 0.0 | .. | 0 | - 0.6 | 6.1 | 3.5 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 30.8 | +1.2 | 35.0 | 25 | 19.0 | -0.8 | 14.3 | 07 | 0.0 | 0.0 | - 14.7 | 0.0 | .. | 0 | - 1.1 | 13.1 | 7.7 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| COASTAL ANDHRA PRADESH (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vishakhapatnam | 32.1 | +2.9 | 35.4 | 24 | 19.2 | -0.1 | 13.7 | 04 | 0.0 | 0.2 | - 21.4 | 0.2 | 20 | 0 | - 1.1 | 12.8 | 6.1 | -0.3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 30.2 | +0.6 | 35.1 | 25 | 20.3 | -0.4 | 17.1 | 05 | 0.0 | 0.0 | - 9.1 | 0.0 | .. | 0 | - 0.8 | 11.0 | 7.7 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 32.8 | +0.7 | 35.2 | 25 | 19.3 | +0.0 | 14.8 | 08 | 0.0 | 0.0 | - 3.6 | 0.0 | .. | 0 | - 1.0 | 6.3 | 4.3 | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 34.5 | +0.4 | 37.7 | 22 | 20.3 | +0.4 | 14.0 | 07 | 0.0 | 0.0 | - 7.9 | 0.0 | .. | 0 | - 0.6 | 4.6 | 4.6 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 33.4 | +0.5 | 36.1 | 26 | 19.7 | -0.3 | 15.4 | 07 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.5 | 12.3 | 8.6 | -0.7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Masulipatam | 30.3 | +0.7 | 33.6 | 26 | 19.8 | -1.0 | 16.5 | 06 | 0.0 | 0.0 | - 15.0 | 0.0 | .. | 0 | - 0.6 | 4.4 | 2.9 | -5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 32.5 | +1.9 | 35.7 | 26 | 21.3 | +0.4 | 17.5 | 07 | 0.0 | 0.0 | - 6.4 | 0.0 | .. | 0 | - 0.4 | 2.1 | 1.7 | -4.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 32.2 | +0.2 | 35.3 | 20 | 21.3 | +0.2 | 17.8 | 05 | 0.0 | 0.0 | - 6.9 | 0.0 | .. | 0 | - 0.4 | 8.8 | 6.6 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 34.3 | +0.2 | 37.6 | 28 | 19.2 | +0.4 | 13.6 | 05 | 0.0 | 0.0 | - 2.2 | 0.0 | .. | 0 | - 0.3 | 6.7 | 3.9 | -1.8 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Hanamkonda | 33.8 | +1.4 | 36.6 | 28 | 18.8 | -0.4 | 14.8 | 07 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 1.1 | 6.3 | 7.1 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 31.6 | .. | 34.8 | 21 | 18.9 | .. | 15.6 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 34.8 | +0.8 | 37.6 | 26 | 19.7 | +0.7 | 13.2 | 07 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.2 | 4.9 | 4.9 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 33.0 | +1.8 | 36.1 | 21 | 17.2 | +0.5 | 12.9 | 07 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.9 | 10.7 | 6.7 | -2.2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Khammam | 34.5 | +0.9 | 37.7 | 26 | 20.2 | +0.2 | 15.2 | 08 | 0.0 | 0.0 | - 7.7 | 0.0 | .. | 0 | - 0.4 | 3.9 | 2.9 | -4.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 32.9 | +0.6 | 35.8 | 21 | 18.1 | +0.2 | 13.8 | 07 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | - 0.4 | 9.5 | 6.9 | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RAYALASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 34.8 | +0.5 | 37.9 | 20 | 19.0 | -0.3 | 13.5 | 07 | 0.0 | 0.0 | - 8.1 | 0.0 | .. | 0 | - 0.5 | 6.0 | 5.1 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Anantapur | 33.6 | +0.2 | 37.0 | 20 | 19.6 | +1.0 | 14.1 | 06 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.4 | 9.6 | 9.3 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 35.1 | +0.8 | 38.2 | 19 | 21.1 | +0.1 | 15.5 | 06 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.2 | 9.6 | 9.9 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 30.8 | +0.7 | 34.0 | 20 | 15.4 | -1.3 | 11.6 | 07 | 0.0 | 3.0 | - 1.6 | 3.0 | 01 | 1 | + 0.7 | 9.1 | 7.6 | +0.5 | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| MADRAS STATE (INCLUDING PONDICHERRY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 29.9 | +0.2 | 32.0 | 21 | 21.4 | +0.6 | 17.7 | 05 | 0.0 | 0.0 | - 8.0 | 0.0 | .. | 0 | - 0.7 | 8.7 | 5.4 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 30.8 | +0.2 | 34.0 | 21 | 21.4 | +0.3 | 17.8 | 05 | 0.0 | 0.0 | - 12.5 | 0.0 | .. | 0 | - 0.8 | 10.9 | 7.5 | -1.7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Vellore | 32.3 | +0.7 | 36.2 | 20 | 19.3 | +0.1 | 13.2 | 05 | 0.0 | 0.0 | - 5.3 | 0.0 | .. | 0 | - 0.5 | 9.6 | 7.7 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 31.9 | .. | 35.3 | 20 | 21.1 | .. | 17.2 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Tiruppattur | 32.8 | +0.3 | 36.4 | 21 | 15.6 | -1.9 | 11.1 | 06 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 0.8 | 6.0 | 4.7 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 35.3 | .. | 37.2 | 23 | 21.3 | .. | 18.4 | 25 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.3 | 5.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 29.3 | +0.3 | 31.5 | 20 | 21.5 | +0.3 | 18.7 | 05 | 0.0 | 6.6 | - 16.3 | 6.6 | 01 | 1 | - 0.1 | 11.2 | 7.9 | -1.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 32.9 | +0.2 | 36.2 | 22 | 21.3 | +0.9 | 17.8 | 05 | 0.0 | 0.8 | - 11.2 | 0.8 | 01 | 0 | - 0.7 | 8.6 | 7.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Salem | 34.6 | +0.9 | 37.1 | 22 | 21.3 | +1.1 | 18.1 | 05 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.6 | 9.9 | 12.4 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 33.2 | +0.7 | 36.0 | 21 | 19.6 | +0.5 | 16.4 | 05 | 0.0 | 0.0 | - 8.5 | 0.0 | .. | 0 | - 0.7 | 14.9 | 12.4 | +1.7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Coimbatore | 33.2 | +1.0 | 35.8 | 21 | 22.6 | +2.4 | 19.2 | 05 | 0.0 | 0.0 | - 7.9 | 0.0 | .. | 0 | - 0.5 | . | 6.6 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 29.2 | +0.5 | 31.1 | 20 | 23.9 | +0.4 | 20.3 | 05 | 0.0 | 0.0 | - 24.9 | 0.0 | .. | 0 | - 1.2 | 16.4 | 16.8 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 33.3 | +0.6 | 35.6 | 20 | 21.7 | +0.4 | 18.3 | 05 | 0.0 | 6.8 | - 2.3 | 6.8 | 01 | 1 | + 0.3 | 11.6 | 10.7 | +3.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 31.4 | .. | 33.3 | 28 | 23.0 | .. | 17.1 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 2.9 | 2.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 31.9 | .. | 34.2 | 27 | 22.1 | .. | 19.4 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 13.2 | 9.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 32.6 | +0.2 | 35.4 | 21 | 22.4 | +0.8 | 20.5 | 12 | .. | 0.0 | - 14.7 | 0.0 | .. | 0 | - 0.8 | . | 6.1 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 33.1 | +1.0 | 36.0 | 21 | 21.4 | +0.3 | 18.8 | 05 | 0.0 | 0.2 | - 3.9 | 0.2 | 01 | 0 | - 0.8 | 13.3 | 10.0 | -1.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 30.1 | +0.3 | 31.5 | 28 | 23.4 | +0.7 | 20.9 | 05 | 0.0 | 16.0 | + 8.1 | 13.8 | 28 | 1 | + 0.0 | 17.6 | 16.7 | +0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 30.6 | +1.5 | 32.7 | 22 | 24.6 | +0.5 | 21.4 | 12 | 0.0 | 0.0 | - 21.6 | 0.0 | .. | 0 | - 1.4 | 17.9 | 14.6 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 28.6 | +0.4 | 30.5 | 28 | 22.6 | -0.4 | 20.0 | 03 | 0.0 | 0.0 | - 20.4 | 0.0 | .. | 0 | - 0.7 | 23.5 | 22.3 | +2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 34.2 | +1.5 | 36.4 | 22 | 23.4 | +0.7 | 21.5 | 05 | 0.0 | 0.0 | - 28.5 | 0.0 | .. | 0 | - 1.6 | 12.2 | 9.0 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 32.0 | .. | 33.3 | 26 | 24.4 | .. | 22.6 | 12 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 22.2 | 19.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 29.4 | -1.4 | 31.4 | 04 | 21.3 | +1.6 | 19.0 | 06 | 0.0 | 0.0 | - 0.7 | 0.0 | .. | 0 | - 0.1 | 9.7 | 6.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 32.4 | +1.1 | 35.6 | 05 | 20.9 | +0.4 | 18.2 | 22 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 33.2 | +0.4 | 35.8 | 27 | 22.2 | +0.4 | 19.6 | 22 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 11.0 | 6.9 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 31.8 | +0.7 | 34.4 | 07 | 23.2 | +0.4 | 20.8 | 07 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.2 | 11.4 | 8.6 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| INTERIOR MYSORE, NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 32.1 | +1.0 | 35.4 | 20 | 19.5 | +0.8 | 15.6 | 06 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.8 | 13.0 | 10.7 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 34.3 | +0.9 | 37.4 | 20 | 18.1 | -0.4 | 14.0 | 03 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.5 | 11.0 | 8.3 | -1.6 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| Bijapur | 34.2 | +1.3 | 37.0 | 19 | 18.8 | +0.7 | 14.2 | 07 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.2 | 4.4 | 5.5 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 34.0 | +0.8 | 38.4 | 20 | 20.3 | -0.2 | 16.2 | 07 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.5 | 10.6 | 9.7 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 33.5 | +1.3 | 36.7 | 19 | 16.1 | +1.0 | 13.9 | 06 | 0.0 | 7.0 | + 5.7 | 7.0 | 01 | 1 | + 0.9 | 8.1 | 4.8 | -1.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum (Samra) | 31.8 | +0.3 | 34.4 | 19 | 16.7 | +0.6 | 13.4 | 15 | 0.0 | 2.2 | + 0.2 | 2.2 | 01 | 0 | - 0.2 | 10.9 | 6.6 | -5.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 33.8 | +0.8 | 37.0 | 19 | 19.0 | +0.4 | 14.9 | 06 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 8.8 | 6.8 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 35.1 | +1.8 | 38.0 | 25 | 20.1 | +0.2 | 16.0 | 05 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.4 | 3.9 | 3.9 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 32.5 | +0.5 | 35.8 | 19 | 19.8 | +0.6 | 16.2 | 04 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.3 | 9.0 | 7.1 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 33.8 | +0.9 | 36.2 | 19 | 16.4 | +0.3 | 12.4 | 06 | 0.0 | 0.0 | - 0.2 | 0.0 | .. | 0 | + 0.0 | 5.2 | 3.1 | -1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 30.3 | .. | 33.2 | 25 | 14.9 | .. | 9.8 | 22 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 31.7 | +2.4 | 34.2 | 24 | 16.7 | +0.9 | 13.8 | 22 | .. | 23.0 | + 20.2 | 23.0 | 01 | 1 | + 0.8 | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 31.7 | +1.2 | 33.7 | 20 | 16.5 | +0.4 | 12.9 | 06 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.5 | 6.8 | 5.0 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 30.2 | +0.5 | 32.4 | 21 | 17.5 | +1.0 | 14.0 | 05 | 0.0 | 0.0 | - 8.9 | 0.0 | .. | 0 | - 0.5 | 10.4 | 9.9 | +0.2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 30.3 | -0.3 | 32.5 | 20 | 16.1 | -0.3 | 12.0 | 05 | 0.0 | 0.0 | - 15.0 | 0.0 | .. | 0 | - 0.7 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| Mysore | 31.5 | +0.3 | 33.0 | 5ds | 19.4 | +1.2 | 16.1 | 06 | 0.0 | 0.0 | - 6.6 | 0.0 | .. | 0 | - 0.4 | 17.1 | 12.2 | +3.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 32.5 | +0.6 | 33.4 | 18 | 24.0 | +0.9 | 22.7 | 05 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.3 | 11.9 | 11.9 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 36.3 | +0.6 | 38.4 | 23 | 23.1 | +0.1 | 21.4 | 06 | 0.0 | 0.0 | - 9.1 | 0.0 | .. | 0 | - 0.7 | 12.5 | 9.7 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Cochin | 32.0 | +1.3 | 34.3 | 27 | 24.4 | +0.1 | 22.4 | 04 | 0.0 | 2.4 | - 23.0 | 2.4 | 14 | 0 | - 1.4 | 13.3 | 9.7 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 32.4 | .. | 34.5 | 25 | 24.0 | .. | 22.5 | 06 | 0.0 | 7.1 | .. | 4.8 | 03 | 1 | .. | 13.0 | 9.0 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 32.5 | +0.6 | 33.9 | 10 | 24.4 | +0.8 | 23.0 | 06 | 0.0 | 13.6 | - 30.1 | 7.8 | 14 | 2 | - 0.5 | 17.1 | 11.7 | +1.0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 36.3 | +1.6 | 37.6 | 21 | 21.4 | +0.1 | 19.9 | 06 | 0.0 | 92.0 | + 67.6 | 66.6 | 15 | 2 | - 1.0 | 4.6 | 3.3 | -1.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 32.5 | +0.8 | 35.0 | 26 | 23.6 | +0.7 | 22.5 | 05 | 0.0 | 17.2 | - 3.6 | 16.9 | 23 | 1 | - 0.3 | 9.1 | 6.5 | +0.6 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 31.7 | +0.4 | 33.6 | 26 | 23.0 | +0.5 | 22.2 | 12 | .. | 23.6 | - 10.7 | 21.5 | 23 | 1 | - 0.9 | . | 3.5 | -3.4 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 31.6 | -0.4 | 32.2 | 27 | 24.8 | -0.1 | 22.9 | 15 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | 9.2 | 9.5 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 30.8 | .. | 31.5 | 27 | 27.6 | .. | 24.5 | 11 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.5 | 6.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Androth | 31.4 | .. | 32.9 | 26 | 25.7 | .. | 22.7 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 31.1 | +1.3 | 31.5 | 18 | 23.8 | +0.3 | 21.8 | 09 | 0.8 | 0.8 | - 21.5 | 0.8 | 17 | 0 | - 1.3 | 7.7 | 4.9 | -1.8 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 14.8 | +1.3 | 23.0 | 06 | 3.4 | -0.7 | - 2.0 | 22 | 110.2 | 390.8 | +223.2 | 164.1 | 13 | 11 | + 3.2 | 3.9 | 5.2 | +1.3 | 0 | 12 | 1 | 4 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 18.9 | +1.8 | 23.4 | 06 | 10.2 | +1.4 | 6.8 | 27 | 23.0 | 153.2 | + 60.9 | 53.6 | 27 | 8 | + 3.3 | 6.9 | 6.5 | +1.9 | 1 | 11 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 19.2 | .. | 23.8 | 03 | 5.1 | .. | 1.0 | 01 | 17.6 | 94.9 | .. | 20.9 | 27 | 10 | .. | 6.4 | 5.8 | .. | 0 | 13 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Simla | 12.6 | +2.3 | 16.9 | 06 | .. | .. | .. | .. | 6.5 | 61.8 | - 8.3 | 26.2 | 13 | 5 | - 0.6 | 6.0 | 4.2 | -0.1 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 84.6 | - 3.7 | 33.0 | 13 | 6 | + 1.4 | .. | .. | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| Lokpal | -2.9 | +1.7 | - 0.3 | 05 | - 9.6 | +0.3 | -10.2 | 03 | .. | 402.4 | +207.3 | 60.2 | 10 | 11 | + 5.9 | .. | .. | .. | 0 | 11 | 11 | 0 | 0 | 17 | 0 | 0 | 0 | 0 |
| Badrinath | Closed during winter months. | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 14.8 | +1.5 | 20.4 | 26 | 3.5 | +2.1 | 1.0 | 14 | 54.4 | 147.8 | + 53.0 | 47.0 | 13 | 10 | + 4.2 | 5.6 | 6.0 | -0.3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mussoorie | 14.9 | +3.0 | 21.1 | 06 | 4.5 | +0.8 | 0.5 | 28 | 16.8 | 69.0 | - 20.3 | 17.4 | 13 | 8 | + 2.5 | 10.0 | 9.1 | +1.7 | 0 | 9 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 14.2 | +2.8 | 19.8 | 25 | 4.6 | +1.5 | - 0.7 | 14 | 40.6 | 65.6 | + 3.6 | 28.0 | 13 | 5 | + 0.5 | 13.9 | 14.5 | +2.2 | 0 | 7 | 1 | 2 | 3 | 3 | 0 | 0 | 0 | 0 |
| Nainital | 14.4 | +1.3 | 20.0 | 25 | 6.0 | +1.9 | 1.5 | 15 | 38.2 | 57.2 | + 13.2 | 26.0 | 14 | 4 | + 1.6 | 9.8 | 7.9 | +0.0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 18.3 | +1.6 | 20.4 | 08 | 10.7 | +1.6 | 7.8 | 02 | 2.6 | 9.6 | - 14.0 | 4.6 | 10 | 2 | - 0.4 | 12.2 | 10.2 | +1.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 13.2 | +2.1 | 16.3 | 08 | 5.7 | +1.4 | 3.2 | 21 | 6.6 | 10.6 | - 21.1 | 7.8 | 14 | 1 | - 1.7 | 4.0 | 2.7 | +0.4 | 0 | 3 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 |
| Kohima | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Shillong | 19.7 | +2.6 | 22.8 | 09 | 6.0 | -0.4 | 1.0 | 18 | 0.0 | 0.0 | - 29.2 | 0.0 | .. | 0 | - 2.9 | 2.9 | 2.4 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cherrapunji | 19.8 | +2.9 | 23.7 | 15 | 9.5 | -1.0 | 6.4 | 01 | 0.0 | 0.0 | - 52.3 | 0.0 | .. | 0 | - 3.4 | 7.8 | 8.0 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Abu | 24.0 | +2.8 | 28.0 | 09 | 11.6 | +0.1 | 9.6 | 18 | 1.4 | 1.4 | - 5.5 | 1.4 | 13 | 0 | - 0.7 | 7.0 | 4.0 | -2.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Lachmarhi | 26.9 | +2.2 | 31.2 | 27 | 11.4 | +1.0 | 5.1 | 01 | 0.0 | 1.8 | - 22.8 | 1.8 | 13 | 0 | - 1.9 | 5.3 | 3.7 | -0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 27.8 | +1.7 | 30.4 | 12 | 15.7 | +0.8 | 12.2 | 15 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.2 | 10.7 | 10.1 | +2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panaji | 28.5 | +1.7 | 30.4 | 28 | 15.4 | +0.3 | 13.0 | 05 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.6 | 11.1 | 9.7 | +1.3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Dodamarg | 20.7 | +0.1 | 23.1 | 28 | 7.7 | +1.4 | 5.6 | 13 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 1.0 | 1.9 | 1.8 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coonoor (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Kodaikanal | 18.7 | +0.8 | 20.9 | 14 | 8.9 | +0.2 | 7.6 | 10 | 0.4 | 2.2 | - 37.2 | 1.5 | 10 | 0 | - 2.2 | 12.5 | 12.4 | +0.2 | 2 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kathmandu | 21.5 | +0.8 | 25.0 | 27 | 5.6 | +1.6 | 1.4 | 01 | 25.2 | 40.4 | + 27.5 | 30.8 | 14 | 2 | + 0.6 | 1.3 | 0.6 | -0.9 | 0 | 3 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 10.8 | +3.0 | 15.0 | 07 | .. | .. | .. | .. | .. | 46.9 | - 17.1 | 12.0 | 21 | 6 | - 1.4 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 28.1 | .. | 35.1 | 28 | 12.9 | .. | 8.0 | 02 | 0.5 | 3.0 | .. | 2.5 | 15 | 1 | .. | 10.1 | 5.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 27.1 | .. | 33.3 | 28 | 11.9 | .. | 7.0 | 02 | 0.0 | 0.1 | .. | 0.1 | 15 | 0 | .. | 9.8 | 4.6 | .. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kumar | 27.5 | .. | 28.9 | 18 | 12.8 | .. | 9.9 | 04 | 0.0 | 6.0 | .. | 6.0 | 16 | 1 | .. | 2.7 | 2.3 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 31.1 | .. | 37.2 | 28 | 8.8 | .. | 4.1 | 01 | 0.0 | 0.0 | .. | 0.0 | - | 0 | .. | 6.0 | 3.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maithon | 30.9 | .. | 36.1 | 28 | 11.4 | .. | 6.9 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangarh | 31.2 | .. | 36.9 | 14 | 11.2 | .. | 6.5 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.2 | 3.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 30.2 | .. | 35.7 | 28 | 15.6 | .. | 11.6 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 3.3 | 2.0 | .. | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durgapur | 29.6 | .. | 35.5 | 28 | 14.4 | .. | 11.0 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.2 | 5.2 | .. | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 31.2 | .. | 35.3 | 28 | 11.3 | .. | 6.6 | 04 | .. | 0.4 | .. | 0.4 | 16 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 32.5 | .. | 36.6 | 28 | 17.3 | .. | 11.8 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 3.2 | 1.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 31.1 | .. | 36.0 | 28 | 14.7 | .. | 9.1 | 02 | 18.3 | 18.3 | .. | 8.8 | 22 | 2 | .. | 4.7 | 2.0 | .. | 0 | 3 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 |
| Sonepur | 33.1 | .. | 36.5 | 28 | 16.9 | .. | 11.1 | 04 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | . | 3.7 | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 33.6 | .. | 37.6 | 28 | 15.2 | .. | 9.6 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.6 | 5.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 32.0 | .. | 37.0 | 27 | 10.8 | .. | 5.9 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.2 | 5.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 33.3 | .. | 36.9 | 26 | .. | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.8 | 7.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 35.8 | .. | 40.0 | 26 | 14.3 | .. | 10.2 | 04 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 32.1 | .. | 33.4 | 13 | 14.0 | .. | 12.0 | 14 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 15.0 | .. | 20.0 | 26 | 1.3 | .. | -2.7 | 16 | 3.6 | 18.7 | .. | 8.6 | 21 | 3 | .. | .. | .. | .. | 0 | 5 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 22.3 | .. | 25.1 | 28 | 11.4 | .. | 8.1 | 01 | 36.8 | 60.0 | .. | 24.4 | 14 | 4 | .. | .. | .. | .. | 0 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 18.6[d] | .. | 21.4 | 27 | 5.5[d] | .. | 2.0 | 19 | 15.6 | 37.0 | .. | 15.4 | 14 | 3 | .. | .. | .. | .. | 0 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 22.2 | .. | 25.3 | 28 | 11.5 | .. | 7.8 | 15 | 41.4 | 70.6 | .. | 28.4 | 14 | 4 | .. | 4.2 | 3.2 | .. | 0 | 6 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 21.0 | .. | 24.1 | 28 | 12.3 | .. | 10.2 | 15 | 15.6 | 22.4 | .. | 19.1 | 14 | 1 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | 24.0 | 82.7 | .. | 58.7 | 13 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 19.3 | .. | 22.9 | 28 | 8.4 | .. | 5.3 | 02 | 10.6 | 34.0 | .. | 11.8 | 14 | 4 | .. | .. | .. | .. | 1 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 16.2 | .. | 20.8 | 26 | 7.4 | .. | 2.9 | 14 | 29.4 | 53.5 | .. | 27.5 | 14 | 3 | .. | 5.9 | 4.7 | .. | 0 | 5 | 0 | 2 | 4 | 2 | 0 | 0 | 0 | 0 |
| Sallyana | 20.3 | .. | 24.9 | 27 | 9.9 | .. | 6.8 | 01 | 4.3 | 16.5 | .. | 9.1 | 13 | 2 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 26.7 | .. | 30.7 | 28 | 16.2 | .. | 13.4 | 19 | 13.5 | 21.5 | .. | 21.5 | 14 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 21.4 | .. | 25.1 | 18 | 9.1 | .. | 5.7 | 01 | 15.2 | 42.3 | .. | 22.2 | 14 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 8.2 | .. | 12.4 | 07 | .. | .. | .. | .. | 16.8 | 68.6 | .. | 54.7 | 14 | 4 | .. | .. | .. | .. | 0 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 21.7 | .. | 24.5 | 27 | 9.6 | .. | 5.5 | 01 | 9.2 | 38.0 | .. | 20.4 | 14 | 3 | .. | .. | .. | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 16.5 | .. | 22.3 | 28 | 9.9 | .. | 7.4 | 01 | 0.0 | 11.6 | .. | 11.6 | 11 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 16.5 | .. | 19.1 | 28 | 7.5 | .. | 4.4 | 01 | 10.4 | 22.6 | .. | 17.0 | 14 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Okhaldhunga | 16.7 | .. | 20.2 | 07 | 7.9 | .. | 5.8 | 21 | 5.8 | 11.9 | .. | 9.5 | 14 | 1 | .. | 4.8 | 3.7 | .. | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chainpur | 21.0 | .. | 23.5 | 28 | 10.6 | .. | 8.4 | 09 | 8.8 | 20.6 | .. | 10.6 | 09 | 3 | .. | .. | .. | .. | 1 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 22.7[d] | .. | 25.3 | 12 | .. | .. | .. | .. | 4.0 | 4.0 | .. | 4.0 | 16 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 26.8 | .. | 31.3 | 28 | 14.3 | .. | 11.8 | 01 | 4.5 | 8.5 | .. | 3.5 | 14 | 1 | .. | 6.7[d] | 4.1[d] | .. | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 16.8 | .. | 20.2 | 09 | 7.6 | .. | 4.9 | 01 | 20.5 | 38.5 | .. | 9.2 | 21 | 5 | .. | 2.5 | 1.7 | .. | 0 | 10 | 0 | 0 | 1 | 5 | 0 | 0 | 0 | 0 |
| Gezing | 19.3 | .. | 23.7 | 27 | 8.9 | .. | 5.4 | 01 | 0.0 | 4.6 | .. | 4.6 | 12 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mayar Bandar | 0830 | 28 | 1012.2 | 1009.1 | -2.0 | 26.6 | 24.1 | 22.9 | 27.9 | 81 | + 4 | 3.4 | +1.0 | 3.6 | 0 | 0 | 15 | 00 | 9 | 2 | 0 | 0 | 0 | 2 | 2 | 13 | 0 |
| | 1730 | 28 | 1009.3 | 1006.2 | -1.7 | 27.5 | 24.0 | 22.3 | 26.9 | 75 | - 1 | 3.3 | +0.0 | 10.9 | 0 | 3 | 22 | [illegible] | 19 | 4 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Long Island | 0830 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 0530 | 79 | 1011.2 | 1002.1 | .. | 23.8 | 22.7 | 22.1 | 26.6 | 91 | .. | 3.7 | .. | 3.1 | 0 | 0 | 15 | 01 | 3 | 7 | 2 | 0 | 0 | 1 | 1 | 13 | 0 |
| | 0830 | 79 | 1012.9 | 1004.1 | -0.4 | 29.0 | 24.9 | 23.1 | 28.3 | 70 | - 1 | 3.3 | -0.1 | 9.2 | 0 | 0 | 27 | 01 | 9 | 14 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1130 | 79 | 1011.5 | 1002.7 | .. | 30.8 | 25.5 | 23.1 | 28.3 | 64 | .. | 3.5 | .. | 11.1 | 0 | 1 | 27 | 01 | 11 | 13 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 79 | 1010.2 | 1001.3 | -0.2 | 27.4 | 23.9 | 22.3 | 26.9 | 74 | - 2 | 3.2 | -0.7 | 7.1 | 0 | 1 | 21 | 01 | 3 | 16 | 2 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 2330 | 79 | 1011.7 | 1002.7 | .. | 25.2 | 23.5 | 22.7 | 27.6 | 86 | .. | 3.3 | .. | 6.1 | 0 | 0 | 19 | 03 | 3 | 12 | 0 | 0 | 0 | 0 | 1 | 9 | 0 |
| Car Nicobar | 0830 | 10 | 1012.3 | 1011.1 | -0.4 | 29.2 | 25.1 | 23.3 | 28.6 | 71 | - 1 | 3.8 | +0.0 | 2.5 | 0 | 0 | 24 | 02 | 18 | 3 | 1 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 10 | 1009.3 | 1008.1 | -0.6 | 28.0 | 25.0 | 23.7 | 29.3 | 77 | - 1 | 3.5 | -0.6 | 1.3 | 0 | 0 | 16 | 01 | 12 | 2 | 1 | 0 | 0 | 0 | 0 | 12 | 0 |
| Nancowry | 0830 | 26 | 1011.7 | 1008.8 | -0.6 | 29.0 | 26.1 | 24.9 | 31.5 | 79 | + 2 | 4.2 | -0.7 | 0.9 | 0 | 0 | 9 | 00 | 4 | 4 | 0 | 0 | 1 | 0 | 0 | 19 | 0 |
| | 1730 | 26 | 1009.0 | 1006.1 | -0.4 | 28.7 | 25.7 | 24.4 | 30.5 | 77 | - 2 | 4.1 | -0.7 | 0.2 | 0 | 0 | 2 | 00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 28.0 | 25.5 | 24.5 | 30.7 | 81 | + 1 | 4.5 | -0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 8 | .. | .. | .. | 27.9 | 25.6 | 24.6 | 30.9 | 82 | - 1 | 4.6 | -0.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1016.1 | 997.7 | +0.5 | 17.9 | 15.0 | 12.6 | 14.6 | 72 | + 1 | 5.1 | -0.3 | 18.4 | 0 | 15 | 11 | 02 | 0 | 0 | 1 | 0 | 0 | 0 | 23 | 2 | 0 |
| | 1730 | 157 | 1011.8 | 993.7 | -0.2 | 19.7 | 16.5 | 14.2 | 16.2 | 70 | - 5 | 4.8 | -0.8 | 7.5 | 0 | 4 | 20 | 04 | 3 | 2 | 0 | 0 | 2 | 4 | 9 | 4 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1013.5 | 1000.4 | .. | 13.9 | 13.0 | 12.3 | 14.3 | 90 | .. | 3.7 | .. | 2.4 | 0 | 0 | 9 | 00 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 0530 | 111 | 1014.0 | 1000.9 | .. | 13.2 | 12.6 | 12.1 | 14.1 | 93 | .. | 4.9 | .. | 3.5 | 0 | 0 | 16 | 03 | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 0830 | 111 | 1016.1 | 1003.1 | +0.6 | 17.7 | 15.4 | 13.6 | 15.6 | 78 | - 1 | 4.8 | +0.2 | 6.5 | 0 | 1 | 25 | 06 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 111 | 1014.2 | 1001.4 | .. | 22.7 | 17.1 | 13.0 | 15.0 | 54 | .. | 4.1 | .. | 7.8 | 0 | 1 | 26 | 04 | 16 | 4 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| | 1430 | 111 | 1011.3 | 998.7 | .. | 24.6 | 17.5 | 12.3 | 14.3 | 49 | .. | 3.9 | .. | 7.3 | 0 | 1 | 26 | 02 | 14 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 0 |
| | 1730 | 111 | 1011.7 | 998.9 | +0.3 | 20.5 | 16.7 | 13.9 | 15.9 | 67 | - 5 | 4.1 | -0.6 | 3.8 | 0 | 0 | 13 | 00 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 2030 | 111 | 1013.4 | 1000.4 | .. | 16.9 | 15.1 | 13.7 | 15.7 | 82 | .. | 3.4 | .. | 2.4 | 0 | 0 | 10 | 01 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 2330 | 111 | 1013.7 | 1000.7 | .. | 15.5 | 14.2 | 13.2 | 15.2 | 86 | .. | 3.9 | .. | 3.7 | 0 | 1 | 14 | 01 | 12 | 1 | 0 | 0 | 0 | 0 | 1 | 13 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1015.9 | 1004.0 | +0.8 | 19.0 | 16.3 | 14.3 | 16.3 | 75 | - 4 | 4.1 | -0.1 | 4.6 | 0 | 0 | 22 | 03 | 11 | 5 | 1 | 1 | 0 | 0 | 1 | 6 | 0 |
| | 1130 | 102 | 1014.3 | 1002.6 | .. | 23.4 | 17.7 | 13.7 | 15.7 | 55 | .. | 4.0 | .. | 6.5 | 0 | 0 | 26 | 08 | 4 | 6 | 3 | 5 | 0 | 0 | 0 | 2 | 0 |
| | 1430 | 102 | 1011.4 | 999.7 | .. | 24.5 | 18.0 | 13.4 | 15.4 | 51 | .. | 4.4 | .. | 7.7 | 0 | 0 | 26 | 06 | 6 | 7 | 1 | 2 | 2 | 0 | 2 | 2 | 0 |
| | 1730 | 102 | 1011.9 | 1000.1 | +0.5 | 19.9 | 17.1 | 15.2 | 17.3 | 74 | - 6 | 4.5 | -0.2 | 4.1 | 0 | 0 | 22 | 08 | 5 | 4 | 0 | 2 | 0 | 1 | 2 | 6 | 0 |
| | 2030 | 102 | 1013.5 | 1001.5 | .. | 17.1 | 15.8 | 14.9 | 16.9 | 87 | .. | 3.5 | .. | 2.6 | 0 | 0 | 11 | 06 | 2 | 0 | 0 | 0 | 1 | 0 | 2 | 17 | 0 |
| Sibsagar | 0830 | 97 | 1015.9 | 1004.6 | +0.1 | 18.2 | 16.4 | 15.1 | 17.1 | 83 | - 2 | 3.8 | -1.7 | 2.1 | 0 | 0 | 21 | 13 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 7 | 0 |
| | 1730 | 97 | 1011.0 | 999.9 | -0.4 | 23.8 | 18.2 | 14.4 | 16.4 | 57 | -17 | 3.9 | -0.7 | 2.2 | 0 | 0 | 19 | 07 | 11 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 0 |
| Gohpur | 0830 | 83 | 1016.0 | 1006.2 | .. | 18.2 | 16.3 | 14.9 | 16.9 | 82 | - 1 | 3.6 | .. | 3.3 | 0 | 0 | 19 | 00 | 11 | 0 | 6 | 0 | 0 | 0 | 0 | 9 | 2 |
| | 1730 | 83 | 1011.1 | 1001.6 | .. | 21.1 | 17.4 | 14.9 | 16.9 | 69 | - 4 | 3.6 | .. | 2.9 | 0 | 0 | 22 | 00 | 15 | 0 | 5 | 0 | 1 | 0 | 1 | 6 | 0 |
| Majbat | 0830 | | .. | .. | .. | 19.0 | 16.3 | 14.3 | 16.3 | 74 | .. | 3.7 | +0.2 | 3.5 | 0 | 0 | 24 | 00 | 18 | 0 | 5 | 0 | 0 | 0 | 1 | 4 | 0 |
| | 1730 | | .. | .. | .. | 22.6 | 18.3 | 15.5 | 17.6 | 65 | .. | 4.5 | +1.2 | 2.1 | 0 | 0 | 17 | 01 | 10 | 1 | 0 | 0 | 3 | 0 | 2 | 11 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1013.0 | 1002.4 | .. | 13.6 | 13.5 | 13.3 | 15.3 | 98 | .. | 3.3 | .. | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 90 | 1015.2 | 1004.8 | .. | 18.4 | 16.5 | 15.2 | 17.3 | 83 | .. | 3.3 | .. | 0.9 | 0 | 0 | 8 | 01 | 4 | 2 | 0 | 0 | 1 | 0 | 0 | 20 | 0 |
| | 1130 | 90 | 1013.4 | 1003.2 | .. | 23.8 | 18.4 | 14.8 | 16.8 | 58 | .. | 2.8 | .. | 3.4 | 0 | 0 | 25 | 04 | 14 | 4 | 0 | 1 | 0 | 1 | 0 | 3 | 1 |
| | 1730 | 90 | 1010.7 | 1000.4 | .. | 21.2 | 17.3 | 14.6 | 16.6 | 66 | .. | 3.0 | .. | 1.3 | 0 | 0 | 11 | 00 | 9 | 1 | 0 | 0 | 1 | 0 | 0 | 17 | 0 |
| | 2330 | 90 | 1012.9 | 1002.4 | .. | 15.8 | 15.1 | 14.6 | 16.6 | 92 | .. | 2.2 | .. | 0.3 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Tangla | 0830 | 78 | 1014.7 | 1005.6 | -0.4 | 19.7 | 17.8 | 16.5 | 18.8 | 80 | + 8 | 1.0 | -1.1 | 0.5 | 0 | 0 | 7 | 00 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 21 | 0 |
| | 1730 | 78 | 1010.2 | 1001.2 | -1.0 | 23.6 | 22.2 | 21.5 | 25.6 | 87 | +20 | 1.0 | -1.1 | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 26 | 0 |
| Tezpur | 0830 | 79 | 1015.8 | 1006.6 | -0.2 | 18.2 | 15.8 | 14.0 | 16.0 | 77 | + 0 | 2.3 | -0.7 | 2.5 | 0 | 0 | 21 | 00 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 79 | 1011.2 | 1002.2 | -0.2 | 24.3 | 18.3 | 14.1 | 16.1 | 55 | - 8 | 2.0 | -0.6 | 1.4 | 0 | 0 | 10 | 00 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 18 | 0 |
| Golaghat | 0830 | 95 | 1015.3 | 1004.1 | +0.2 | 17.9 | 15.9 | 14.4 | 16.4 | 82 | + 2 | 3.0 | -0.7 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 95 | 1009.9 | 999.1 | -0.7 | 25.7 | 18.6 | 13.7 | 15.7 | 47 | -17 | 2.2[i] | -1.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rangia | 0830 | 60 | 1016.4 | 1009.4 | .. | 19.8 | 17.2 | 15.4 | 17.5 | 75 | + 0 | 1.4 | .. | 5.9 | 0 | 0 | 21 | 00 | 6 | 13 | 2 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 60 | 1011.9 | 1005.0 | .. | 23.5 | 19.6 | 17.2 | 19.6 | 68 | + 6 | 1.7[d] | .. | 0.8[d] | 0 | 0 | 7 | 00 | 2 | 3 | 0 | 0 | 0 | 2 | 0 | 20 | 0 |
| Chaparmukh | 0830 | 66 | 1016.4 | 1008.7 | +0.4 | 19.8 | 16.9 | 14.9 | 16.9 | 72 | + 1 | 1.5 | -0.7 | 4.6 | 0 | 0 | 27 | 00 | 1 | 9 | 16 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 66 | 1011.4 | 1003.9 | +0.3 | 24.1 | 18.8 | 15.3 | 17.4 | 59 | - 2 | 2.1 | -0.9 | 2.1 | 0 | 0 | 17 | 03 | 5 | 1 | 0 | 0 | 0 | 2 | 6 | 11 | 0 |
| Goalpara | 0830 | 38 | 1016.1 | 1011.7 | +2.2 | 18.4 | 16.5 | 15.2 | 17.3 | 80 | + 4 | 1.6 | -0.3 | 1.0 | 0 | 0 | 15 | 02 | 8 | 3 | 0 | 0 | 1 | 0 | 1 | 13 | 0 |
| | 1730 | 38 | 1011.2 | 1006.9 | +0.8 | 26.4 | 19.7 | 15.4 | 17.5 | 53 | + 0 | 1.0 | -0.4 | 1.1 | 0 | 0 | 15 | 00 | 3 | 1 | 2 | 0 | 2 | 4 | 3 | 13 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1012.3 | 1005.8 | .. | 14.9 | 14.2 | 13.7 | 15.7 | 92 | .. | 0.8 | .. | 2.3 | 0 | 0 | 11 | 01 | 5 | 0 | 0 | 4 | 1 | 0 | 0 | 17 | 0 |
| | 0530 | 54 | 1012.8 | 1006.4 | .. | 13.8 | 13.3 | 12.9 | 14.9 | 95 | .. | 1.9 | .. | 2.4 | 0 | 0 | 12 | 01 | 3 | 3 | 2 | 2 | 0 | 0 | 1 | 16 | 0 |
| | 0830 | 54 | 1015.0 | 1008.6 | -0.1 | 18.9 | 16.4 | 14.6 | 16.6 | 77 | + 4 | 2.0 | +0.2 | 3.1 | 0 | 0 | 17 | 02 | 6 | 2 | 1 | 3 | 0 | 2 | 1 | 11 | 0 |
| | 1130 | 54 | 1013.4 | 1007.2 | .. | 24.9 | 18.6 | 14.3 | 16.3 | 53 | .. | 2.5 | .. | 6.4 | 0 | 0 | 26 | 05 | 10 | 0 | 0 | 0 | 0 | 6 | 4 | 2 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| NORTH ASSAM(INCLUDING NEFA) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (Contd.) | 1430 | 54 | 1010.2 | 1004.0 | .. | 26.6 | 18.6 | 13.0 | 15.0 | 44 | .. | 2.1 | .. | 7.0 | 0 | 1 | 26 | 08 | 6 | 2 | 1 | 0 | 0 | 4 | 5 | 1 | 1 |
| | 1730 | 54 | 1010.4 | 1004.2 | -0.4 | 24.0 | 18.1 | 14.0 | 16.0 | 55 | - 3 | 2.2 | -0.6 | 3.4 | 0 | 0 | 19 | 03 | 5 | 0 | 0 | 0 | 1 | 5 | 5 | 9 | 0 |
| | 2030 | 54 | 1012.5 | 1006.2 | .. | 18.7 | 16.6 | 15.1 | 17.1 | 81 | .. | 1.6 | .. | 2.9 | 0 | 0 | 14 | 00 | 2 | 1 | 0 | 5 | 5 | 0 | 1 | 14 | 0 |
| | 2330 | 54 | 1012.8 | 1006.4 | .. | 16.7 | 15.5 | 14.6 | 16.6 | 87 | .. | 1.4 | .. | 1.8 | 0 | 0 | 8 | 00 | 1 | 2 | 0 | 1 | 3 | 0 | 1 | 20 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1012.6 | 1007.2 | .. | 13.6 | 13.0 | 12.5 | 14.5 | 94 | .. | 1.5 | .. | 5.6 | 0 | 1 | 19 | 00 | 14 | 4 | 0 | 0 | 0 | 1 | 1 | 8 | 0 |
| | 0830 | 45 | 1014.6 | 1009.4 | +0.4 | 19.5 | 16.6 | 14.5 | 16.5 | 73 | + 1 | 1.9 | +0.0 | 7.4 | 0 | 0 | 26 | 00 | 10 | 9 | 1 | 1 | 3 | 2 | 0 | 2 | 0 |
| | 1130 | 45 | 1013.5 | 1008.3 | .. | 25.8 | 18.6 | 13.6 | 15.6 | 48 | .. | 1.9 | .. | 9.2 | 0 | 0 | 27 | 00 | 3 | 16 | 0 | 2 | 2 | 4 | 0 | 1 | 0 |
| | 1730 | 45 | 1010.2 | 1005.1 | -0.1 | 24.2 | 19.1 | 15.8 | 17.9 | 61 | - 6 | 1.3 | -0.3 | 2.6 | 0 | 1 | 11 | 01 | 1 | 2 | 0 | 0 | 3 | 4 | 1 | 16 | 0 |
| Dhubri | 0830 | 35 | 1015.3 | 1011.2 | +0.1 | 19.1 | 16.9 | 15.4 | 17.5 | 79 | + 3 | 1.4 | -0.5 | 7.3 | 0 | 1 | 19 | 01 | 15 | 2 | 0 | 0 | 2 | 0 | 0 | 8 | 0 |
| | 1730 | 35 | 1011.3 | 1007.3 | +0.1 | 23.7 | 18.3 | 14.7 | 16.7 | 58 | + 3 | 0.3 | -1.6 | 0.6 | 0 | 0 | 8 | 00 | 4 | 1 | 0 | 0 | 2 | 0 | 1 | 20 | 0 |
| Lumding | 0830 | 149 | 1015.5 | 997.9 | .. | 15.9 | 13.8 | 12.1 | 14.1 | 80 | + 4 | 1.6 | .. | 1.1 | 0 | 0 | 13 | 01 | 3 | 7 | 1 | 0 | 1 | 0 | 0 | 15 | 0 |
| | 1730 | 149 | 1010.5 | 993.6 | .. | 24.7 | 18.4 | 14.1 | 16.1 | 53 | .. | 3.3 | .. | 1.0 | 0 | 0 | 14 | 00 | 0 | 2 | 3 | 0 | 3 | 2 | 4 | 14 | 0 |
| SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1015.3 | 972.8 | +0.0 | 18.7 | 18.5 | 18.4 | 21.1 | 97 | +27 | 4.8 | +2.8 | 3.6 | 0 | 0 | 24 | 00 | 1 | 13 | 7 | 2 | 0 | 0 | 1 | 4 | 0 |
| | 1730 | 370 | 1011.7 | 970.1 | +0.7 | 24.3 | 24.2 | 24.1 | 30.0 | 98 | +36 | 4.6 | +2.5 | 4.0 | 0 | 0 | 28 | 01 | 0 | 8 | 4 | 4 | 1 | 10 | 0 | 0 | 0 |
| Haflong | 0830 | 682 | 1016.5 | 939.8 | +2.7 | 19.0 | 14.3 | 10.7 | 12.9 | 60 | - 4 | 0.8 | -1.5 | 1.9 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 10 | 0 |
| | 1730 | 682 | 1010.8 | 934.9 | +1.1 | 20.9 | 15.2 | 11.0 | 13.1 | 55 | - 1 | 1.1 | -1.6 | 4.0 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 18 | 0 | 0 | 3 | 7 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1012.1 | 1000.7 | .. | 15.5 | 13.9 | 12.6 | 14.6 | 83 | .. | 1.1 | .. | 8.3 | 0 | 0 | 28 | 00 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 97 | 1014.0 | 1002.8 | -0.1 | 19.7 | 16.2 | 13.6 | 15.6 | 68 | - 5 | 0.9 | -1.6 | 9.1 | 0 | 0 | 28 | 00 | 0 | 27 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 97 | 1012.0 | 1001.0 | .. | 26.1 | 18.2 | 12.5 | 14.5 | 43 | .. | 0.5 | .. | 6.2 | 0 | 0 | 27 | 01 | 0 | 13 | 5 | 3 | 4 | 1 | 0 | 1 | 0 |
| | 1730 | 97 | 1009.4 | 998.4 | -0.5 | 25.8 | 18.5 | 13.4 | 15.4 | 47 | - 8 | 0.3 | -1.8 | 3.4 | 0 | 0 | 18 | 02 | 2 | 2 | 0 | 2 | 5 | 4 | 1 | 10 | 0 |
| Silchar | 0830 | 29 | 1016.0 | 1012.5 | +0.3 | 20.0 | 16.9 | 14.7 | 16.7 | 72 | - 5 | 1.0 | -1.3 | 1.3 | 0 | 0 | 18 | 00 | 3 | 7 | 5 | 2 | 0 | 1 | 0 | 10 | 0 |
| | 1730 | 29 | 1011.6 | 1008.3 | +0.2 | 25.9 | 19.2 | 14.8 | 16.8 | 50 | - 6 | 1.1 | -0.8 | 0.4 | 0 | 0 | 6 | 00 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 22 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1017.3 | 927.0 | .. | 8.2 | 7.8 | 7.4 | 10.3 | 94 | .. | 2.9 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 781 | 1017.2 | 928.7 | +0.4 | 15.1 | 12.3 | 10.0 | 12.3 | 72 | + 2 | 1.6 | -0.9 | 0.7 | 0 | 0 | 3 | 00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | 781 | 1013.0 | 926.7 | .. | 21.7 | 14.9 | 9.7 | 12.0 | 47 | .. | 2.0 | .. | 7.1 | 0 | 2 | 16 | 02 | 0 | 1 | 3 | 4 | 4 | 3 | 1 | 10 | 0 |
| | 1430 | 781 | 1009.3 | 924.0 | .. | 24.2 | 15.5 | 8.7 | 11.2 | 38 | .. | 2.5 | .. | 12.5 | 0 | 5 | 23 | 00 | 0 | 1 | 0 | 7 | 4 | 11 | 5 | 0 | 0 |
| | 1730 | 781 | 1011.5 | 924.6 | +1.8 | 19.5 | 13.8 | 9.2 | 11.6 | 51 | - 1 | 1.7 | -0.8 | 9.0 | 0 | 0 | 23 | 00 | 0 | 1 | 2 | 1 | 1 | 7 | 11 | 5 | 0 |
| | 2030 | 781 | 1014.4 | 926.2 | .. | 15.4 | 12.4 | 9.9 | 12.2 | 72 | .. | 1.0 | .. | 2.4 | 0 | 0 | 7 | 00 | 0 | 0 | 1 | 1 | 0 | 1 | 4 | 21 | 0 |
| | 2330 | 781 | 1015.9 | 926.5 | .. | 12.2 | 10.8 | 9.6 | 11.9 | 84 | .. | 1.2 | .. | 2.4 | 0 | 0 | 9 | 00 | 4 | 1 | 1 | 0 | 1 | 0 | 2 | 19 | 0 |
| Kailashahar | 0530 | 29 | 1013.6 | 1010.1 | .. | 13.8 | 13.4 | 13.1 | 15.1 | 95 | .. | 0.4 | .. | 0.6 | 0 | 0 | 8 | 00 | 1 | 3 | 1 | 3 | 0 | 0 | 0 | 20 | 0 |
| | 0830 | 29 | 1015.5 | 1012.1 | +0.0 | 19.9 | 17.1 | 15.2 | 17.3 | 75 | + 0 | 0.6 | -1.7 | 2.9 | 0 | 0 | 27 | 02 | 2 | 0 | 1 | 7 | 9 | 3 | 0 | 1 | 3 |
| | 1130 | 29 | 1013.9 | 1010.6 | .. | 27.6 | 19.8 | 14.7 | 16.7 | 46 | .. | 1.0 | .. | 5.6 | 0 | 0 | 28 | 02 | 4 | 2 | 2 | 2 | 8 | 2 | 3 | 0 | 3 |
| | 1730 | 29 | 1011.2 | 1007.9 | -0.4 | 25.6 | 19.5 | 15.6 | 17.7 | 54 | - 1 | 1.4 | -0.6 | 1.6 | 0 | 0 | 17 | 06 | 1 | 1 | 1 | 1 | 2 | 0 | 4 | 11 | 1 |
| Agartala | 0230 | 16 | 1011.5 | 1009.6 | .. | 16.2 | 14.6 | 13.4 | 15.4 | 84 | .. | 0.1 | .. | 1.1 | 0 | 0 | 5 | 00 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 23 | 0 |
| | 0530 | 16 | 1012.0 | 1010.1 | .. | 14.8 | 13.7 | 12.8 | 14.8 | 87 | .. | 0.5 | .. | 1.8 | 0 | 0 | 9 | 00 | 0 | 0 | 6 | 3 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 16 | 1014.2 | 1012.3 | +0.1 | 22.6 | 18.2 | 15.3 | 17.4 | 64 | - 6 | 0.1 | -2.2 | 4.6 | 0 | 0 | 20 | 02 | 0 | 0 | 4 | 12 | 0 | 2 | 0 | 8 | 0 |
| | 1130 | 16 | 1012.8 | 1011.0 | .. | 29.0 | 19.0 | 11.8 | 13.8 | 35 | .. | 0.8 | .. | 7.7 | 0 | 0 | 26 | 02 | 0 | 0 | 1 | 4 | 4 | 8 | 7 | 2 | 0 |
| | 1430 | 16 | 1010.0 | 1008.2 | .. | 30.4 | 19.1 | 10.7 | 12.9 | 30 | .. | 1.5 | .. | 9.3 | 0 | 0 | 26 | 02 | 1 | 0 | 0 | 0 | 4 | 8 | 11 | 2 | 0 |
| | 1730 | 16 | 1010.1 | 1008.3 | -0.3 | 26.5 | 18.7 | 13.3 | 15.3 | 45 | - 4 | 0.7 | -1.3 | 4.5 | 0 | 0 | 19 | 06 | 0 | 0 | 0 | 0 | 3 | 4 | 6 | 9 | 0 |
| | 2030 | 16 | 1011.7 | 1009.9 | .. | 20.9 | 16.9 | 14.0 | 16.0 | 65 | .. | 0.1 | .. | 1.9 | 0 | 0 | 8 | 00 | 1 | 0 | 2 | 4 | 0 | 0 | 1 | 20 | 0 |
| | 2330 | 16 | 1012.1 | 1010.3 | .. | 18.3 | 15.9 | 14.1 | 16.1 | 77 | .. | 0.3 | .. | 2.3 | 0 | 0 | 8 | 00 | 0 | 0 | 2 | 5 | 0 | 0 | 1 | 20 | 0 |
| SUB-HIMALAYAN WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1012.7 | 997.1 | .. | 14.7 | 13.7 | 12.9 | 14.9 | 90 | .. | 1.1 | .. | 1.1 | 0 | 0 | 5 | 03 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 23 | 0 |
| | 0530 | 131 | 1013.0 | 997.4 | .. | 13.5 | 12.7 | 12.0 | 14.0 | 90 | .. | 2.0 | .. | 3.1 | 0 | 0 | 11 | 08 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 131 | 1015.3 | 1000.0 | +1.1 | 19.3 | 16.2 | 13.9 | 15.9 | 72 | + 1 | 2.4 | +0.6 | 5.3 | 0 | 0 | 16 | 02 | 5 | 8 | 0 | 0 | 1 | 0 | 0 | 12 | 0 |
| | 1130 | 131 | 1014.1 | 999.2 | .. | 25.2 | 17.9 | 12.6 | 14.6 | 47 | .. | 2.5 | .. | 10.1 | 0 | 0 | 27 | 01 | 4 | 15 | 3 | 3 | 1 | 0 | 0 | 1 | 0 |
| | 1430 | 131 | 1010.8 | 996.0 | .. | 27.1 | 18.5 | 12.3 | 14.3 | 40 | .. | 3.0 | .. | 8.4 | 0 | 0 | 25 | 01 | 0 | 8 | 1 | 6 | 5 | 4 | 0 | 3 | 0 |
| | 1730 | 131 | 1010.9 | 995.9 | +0.6 | 23.9 | 18.1 | 14.1 | 16.1 | 55 | - 2 | 3.4 | +0.5 | 6.1 | 0 | 1 | 17 | 01 | 2 | 2 | 1 | 1 | 6 | 4 | 1 | 10 | 0 |
| | 2030 | 131 | 1012.8 | 997.5 | .. | 18.3 | 15.9 | 14.1 | 16.1 | 78 | .. | 2.0 | .. | 5.1 | 0 | 0 | 16 | 08 | 1 | 1 | 0 | 0 | 5 | 0 | 1 | 12 | 0 |
| | 2330 | 131 | 1013.2 | 997.8 | .. | 15.9 | 14.6 | 13.6 | 15.6 | 86 | .. | 1.6 | .. | 3.8 | 0 | 0 | 11 | 05 | 1 | 1 | 0 | 0 | 2 | 1 | 1 | 17 | 0 |
| Jalpaiguri | 0830 | 83 | 1014.8 | 1005.1 | -0.1 | 17.0 | 15.5 | 14.4 | 16.4 | 85 | + 3 | 1.7 | -0.2 | 4.0 | 0 | 0 | 25 | 07 | 7 | 3 | 2 | 0 | 0 | 2 | 4 | 3 | 0 |
| | 1730 | 83 | 1010.4 | 1001.0 | -0.4 | 25.4 | 18.8 | 14.3 | 16.3 | 51 | + 1 | 1.2 | -0.9 | 3.6 | 0 | 0 | 13 | 00 | 1 | 1 | 4 | 0 | 4 | 3 | 0 | 15 | 0 |
| Cooch Behar | 0830 | 43 | 1015.1 | 1010.2 | +1.0 | 19.5 | 16.5 | 14.3 | 16.3 | 73 | + 3 | 2.0 | +0.5 | 9.3 | 0 | 4 | 21 | 02 | 5 | 16 | 0 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 1130 | 43 | 1013.8 | 1008.9 | .. | 25.3 | 18.6 | 14.0 | 16.0 | 51 | .. | 1.8 | .. | 13.8 | 0 | 7 | 21 | 00 | 4 | 17 | 2 | 3 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 43 | 1010.9 | 1006.1 | +0.9 | 24.2 | 19.1 | 15.8 | 17.9 | 60 | + 3 | 1.7 | +0.3 | 2.1 | 0 | 0 | 8 | 00 | 2 | 0 | 0 | 1 | 1 | 3 | 1 | 20 | 0 |
| Balurghat | 0830 | 26 | 1014.0 | 1011.1 | .. | 21.2 | 17.3 | 14.6 | 16.6 | 64 | .. | 0.5 | .. | 1.1 | 0 | 0 | 9 | 03 | 1 | 0 | 1 | 0 | 3 | 0 | 1 | 19 | 0 |
| | 1730 | 26 | 1009.9 | 1007.0 | .. | 25.1 | 19.0 | 14.9 | 16.9 | 54 | .. | 1.0 | .. | 0.6 | 0 | 0 | 7 | 02 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 21 | 0 |
| Malda | 0830 | 31 | 1014.8 | 1011.1 | -0.2 | 20.7 | 16.3 | 13.0 | 15.0 | 62 | - 3 | 1.0 | -0.7 | 1.1 | 0 | 0 | 14 | 02 | 2 | 1 | 0 | 0 | 4 | 3 | 2 | 14 | 0 |
| | 1730 | 31 | 1010.9 | 1007.3 | -0.3 | 26.5 | 18.1 | 11.9 | 13.9 | 41 | - 4 | 1.1 | -0.5 | 1.2 | 0 | 0 | 13 | 01 | 1 | 0 | 0 | 0 | 1 | 5 | 5 | 15 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1014.7 | 1012.5 | -0.1 | 20.7 | 16.8 | 14.0 | 16.0 | 65 | - 2 | 0.2 | -1.7 | 1.5 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 8 | 2 | 4 | 0 | 13 | 0 |
| | 1730 | 19 | 1010.5 | 1008.4 | -0.3 | 26.6 | 19.9 | 15.7 | 17.8 | 49 | + 5 | 0.3 | -1.6 | 0.3 | 0 | 0 | 3 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 0 |
| Suri | 0830 | | .. | .. | .. | 22.4 | 16.3 | 11.5 | 13.6 | 51 | - 3 | 0.5 | -1.2 | 3.5 | 0 | 0 | 28 | 02 | 0 | 6 | 0 | 5 | 0 | 15 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1012.7 | 997.8 | .. | 15.9 | 13.5 | 11.5 | 13.6 | 75 | .. | 0.1 | .. | 1.3 | 0 | 0 | 9 | 00 | 2 | 0 | 1 | 1 | 1 | 3 | 1 | 19 | 0 |
| | 0530 | 126 | 1013.2 | 998.3 | .. | 14.8 | 12.9 | 11.3 | 13.4 | 79 | .. | 0.5 | .. | 1.8 | 0 | 0 | 11 | 02 | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 17 | 0 |
| | 0830 | 126 | 1015.0 | 1000.4 | +0.2 | 21.5 | 15.8 | 11.3 | 13.4 | 53 | - 9 | 0.5 | -1.3 | 4.0 | 0 | 0 | 23 | 00 | 3 | 0 | 1 | 0 | 1 | 9 | 9 | 5 | 0 |
| | 1130 | 126 | 1013.6 | 999.4 | .. | 28.7 | 18.1 | 9.9 | 12.2 | 31 | .. | 0.5 | .. | 6.3 | 0 | 0 | 26 | 03 | 2 | 0 | 3 | 2 | 5 | 4 | 7 | 2 | 0 |
| | 1430 | 126 | 1010.5 | 996.4 | .. | 30.7 | 18.6 | 9.2 | 11.6 | 27 | .. | 0.9 | .. | 7.9 | 0 | 0 | 28 | 03 | 3 | 2 | 0 | 0 | 2 | 5 | 13 | 0 | 0 |
| | 1730 | 126 | 1010.5 | 996.3 | +0.0 | 27.6 | 18.1 | 10.9 | 13.0 | 36 | - 3 | 0.7 | -1.2 | 3.2 | 0 | 0 | 18 | 00 | 2 | 2 | 1 | 0 | 0 | 6 | 7 | 10 | 0 |
| | 2030 | 126 | 1012.6 | 998.0 | .. | 20.7 | 15.5 | 11.3 | 13.4 | 57 | .. | 0.4 | .. | 2.0 | 0 | 0 | 12 | 03 | 3 | 0 | 0 | 0 | 0 | 1 | 5 | 16 | 0 |
| | 2330 | 126 | 1013.2 | 998.4 | .. | 17.8 | 14.3 | 11.4 | 13.5 | 67 | .. | 0.1 | .. | 1.1 | 0 | 0 | 6 | 00 | 1 | 0 | 0 | 1 | 0 | 1 | 3 | 22 | 0 |
| Shanti Niketan | 0830 | 59 | 1014.9 | 1008.1 | .. | 20.9 | 16.3 | 12.8 | 14.8 | 61 | .. | 1.0 | .. | 3.3 | 0 | 0 | 22 | 03 | 2 | 0 | 1 | 2 | 4 | 5 | 5 | 6 | 0 |
| | 1130 | 59 | 1013.9 | 1007.2 | .. | 28.2 | 18.5 | 11.3 | 13.4 | 35 | .. | 0.5 | .. | 3.7 | 0 | 0 | 23 | 03 | 5 | 1 | 0 | 3 | 0 | 7 | 4 | 5 | 0 |
| | 1730 | 59 | 1010.7 | 1004.0 | .. | 27.5 | 18.4 | 11.7 | 13.7 | 37 | .. | 0.5 | .. | 3.3 | 0 | 0 | 21 | 03 | 2 | 1 | 0 | 0 | 2 | 9 | 4 | 7 | 0 |
| Krishnanagar | 0830 | 15 | 1014.6 | 1012.9 | -0.3 | 22.3 | 17.9 | 14.9 | 16.9 | 64 | - 5 | 0.9 | -1.1 | 0.6 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 24 | 0 |
| | 1730 | 15 | 1012.4 | 1010.7 | +1.2 | 27.5 | 19.8 | 14.8 | 16.8 | 46 | - 3 | 0.3 | -1.5 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Purulia | 0830 | 255 | 1015.4 | 986.1 | +0.0 | 20.5 | 14.9 | 10.2 | 12.4 | 52 | + 4 | 0.4 | -0.8 | 3.1 | 0 | 0 | 25 | 03 | 0 | 1 | 0 | 4 | 4 | 5 | 8 | 3 | 0 |
| | 1730 | 255 | 1010.5 | 982.1 | +0.4 | 28.2 | 18.8 | 12.0 | 14.0 | 37 | + 2 | 1.0 | -0.7 | 2.7 | 0 | 0 | 21 | 04 | 6 | 0 | 2 | 2 | 1 | 0 | 6 | 7 | 0 |
| Bankura | 0830 | 100 | 1014.6 | 1003.1 | .. | 21.0 | 16.4 | 12.9 | 14.9 | 60 | .. | 0.3 | .. | 0.8 | 0 | 0 | 10 | 00 | 1 | 0 | 0 | 0 | 3 | 4 | 2 | 18 | 0 |
| | 1730 | 100 | 1010.4 | 999.2 | .. | 29.0 | 19.3 | 12.5 | 14.5 | 38 | .. | 0.3 | .. | 0.3 | 0 | 0 | 3 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 1 |
| Burdwan | 0830 | 32 | 1015.0 | 1011.2 | +0.0 | 23.1 | 20.3 | 18.7 | 21.6 | 77 | +12 | 0.0 | -1.9 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 32 | 1010.7 | 1007.1 | -0.4 | 27.9 | 24.2 | 22.5 | 27.3 | 73 | +29 | 0.2 | -1.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barrackpore Aerodrome | 0530 | 7 | 1012.7 | 1011.9 | .. | 16.9 | 16.0 | 15.3 | 17.4 | 90 | .. | 1.0 | .. | 1.4 | 0 | 0 | 5 | 00 | 1 | 0 | 0 | 2 | 1 | 0 | 1 | 23 | 0 |
| | 0830 | 7 | 1014.8 | 1014.0 | .. | 21.9 | 18.7 | 16.7 | 19.0 | 73 | .. | 1.0 | .. | 3.3 | 0 | 0 | 15 | 03 | 2 | 1 | 0 | 0 | 4 | 1 | 4 | 13 | 0 |
| | 1130 | 7 | 1013.7 | 1013.0 | .. | 28.1 | 19.9 | 14.5 | 16.5 | 45 | .. | 0.3 | .. | 6.5 | 0 | 0 | 25 | 05 | 2 | 0 | 1 | 2 | 5 | 6 | 4 | 3 | 0 |
| | 1730 | 7 | 1010.8 | 1010.1 | .. | 27.1 | 20.4 | 16.0 | 18.2 | 51 | .. | 0.8 | .. | 3.3 | 0 | 0 | 20 | 00 | 0 | 0 | 1 | 3 | 3 | 7 | 6 | 8 | 0 |
| | 2330 | 7 | 1012.8 | 1012.0 | .. | 19.3 | 17.6 | 16.5 | 18.8 | 84 | .. | 0.2 | .. | 2.4 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 6 | 3 | 0 | 2 | 17 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1011.8 | 1011.1 | .. | 18.3 | 17.5 | 17.0 | 19.4 | 92 | .. | 1.1 | .. | 1.9 | 0 | 0 | 13 | 02 | 1 | 0 | 1 | 5 | 2 | 0 | 2 | 15 | 0 |
| | 0530 | 6 | 1012.2 | 1011.5 | .. | 17.3 | 16.6 | 16.1 | 18.3 | 93 | .. | 2.2 | .. | 1.6 | 0 | 0 | 9 | 00 | 1 | 0 | 2 | 0 | 3 | 0 | 3 | 19 | 0 |
| | 0830 | 6 | 1014.5 | 1013.8 | -0.3 | 21.6 | 18.9 | 17.2 | 19.7 | 77 | + 5 | 2.4 | +0.1 | 4.3 | 0 | 0 | 26 | 04 | 2 | 2 | 2 | 6 | 4 | 1 | 5 | 2 | 0 |
| | 1130 | 6 | 1013.3 | 1012.6 | .. | 28.4 | 21.2 | 16.9 | 19.3 | 50 | .. | 0.6 | .. | 6.6 | 0 | 0 | 27 | 02 | 4 | 0 | 2 | 3 | 6 | 1 | 9 | 1 | 0 |
| | 1430 | 6 | 1010.4 | 1009.7 | .. | 30.3 | 21.9 | 17.1 | 19.5 | 45 | .. | 1.0 | .. | 6.3 | 0 | 0 | 27 | 00 | 1 | 1 | 2 | 2 | 7 | 2 | 12 | 1 | 0 |
| | 1730 | 6 | 1010.3 | 1009.6 | -0.9 | 27.9 | 21.8 | 18.3 | 21.0 | 56 | + 7 | 7.5 | +5.5 | 2.1 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 5 | 3 | 2 | 2 | 16 | 0 |
| | 2030 | 6 | 1012.1 | 1011.4 | .. | 22.0 | 19.7 | 18.3 | 21.0 | 79 | .. | 0.1 | .. | 3.9 | 0 | 0 | 17 | 00 | 2 | 0 | 0 | 7 | 7 | 1 | 0 | 11 | 0 |
| | 2330 | 6 | 1012.4 | 1011.7 | .. | 19.8 | 18.7 | 18.1 | 20.8 | 90 | .. | 0.3 | .. | 2.7 | 0 | 0 | 12 | 00 | 2 | 0 | 0 | 6 | 4 | 0 | 0 | 16 | 0 |
| Calcutta | 0830 | 6 | 1014.7 | 1013.9 | -0.2 | 22.7 | 19.0 | 16.7 | 19.0 | 70 | - 5 | 1.5 | -0.6 | 3.9 | 0 | 0 | 22 | 04 | 0 | 0 | 2 | 3 | 4 | 3 | 6 | 6 | 0 |
| | 1130 | 6 | 1013.4 | 1012.7 | .. | 29.0 | 20.1 | 14.3 | 16.3 | 41 | .. | 0.8 | .. | 7.3 | 0 | 0 | 27 | 04 | 3 | 2 | 1 | 3 | 7 | 1 | 6 | 1 | 0 |
| | 1730 | 6 | 1010.4 | 1009.7 | -0.6 | 28.0 | 19.6 | 14.0 | 16.0 | 42 | - 6 | 0.8 | -0.9 | 5.1 | 0 | 0 | 21 | 02 | 0 | 0 | 1 | 7 | 3 | 4 | 4 | 7 | 0 |
| Midnapore | 0830 | 45 | 1014.5 | 1009.2 | -0.5 | 22.2 | 17.3 | 13.8 | 15.8 | 59 | - 4 | 0.7 | -1.1 | 1.5 | 0 | 0 | 17 | 02 | 8 | 2 | 1 | 0 | 2 | 1 | 1 | 11 | 0 |
| | 1730 | 45 | 1010.3 | 1005.2 | -0.5 | 29.7 | 19.2 | 11.7 | 13.7 | 33 | - 8 | 0.1 | -1.7 | 1.3 | 0 | 0 | 15 | 02 | 5 | 0 | 3 | 3 | 1 | 0 | 1 | 13 | 0 |
| Contai | 0830 | 11 | 1014.6 | 1013.3 | +0.5 | 23.5 | 19.8 | 17.5 | 20.0 | 71 | + 3 | 0.8 | -0.5 | 6.3 | 0 | 2 | 23 | 11 | 0 | 0 | 0 | 10 | 2 | 2 | 0 | 3 | 0 |
| | 1730 | 11 | 1010.8 | 1009.6 | +0.2 | 25.2 | 21.3 | 19.1 | 22.1 | 70 | + 6 | 0.5 | -0.8 | 7.9 | 0 | 2 | 24 | 00 | 0 | 0 | 2 | 24 | 0 | 0 | 0 | 2 | 0 |
| Sagar Island | 0830 | 3 | 1014.1 | 1013.8 | -0.3 | 23.7 | 21.3 | 19.9 | 23.2 | 80 | + 7 | 1.9 | -0.3 | 11.5 | 0 | 3 | 22 | 05 | 1 | 0 | 0 | 7 | 6 | 2 | 4 | 3 | 0 |
| | 1730 | 3 | 1010.6 | 1010.3 | -0.6 | 25.1 | 22.0 | 20.3 | 23.8 | 76 | + 9 | 0.9 | -1.1 | 14.1 | 0 | 5 | 22 | 00 | 1 | 0 | 11 | 12 | 3 | 0 | 0 | 1 | 0 |
| Sandheads | 0530 | 10 | 1012.2 | 1011.1 | .. | 23.9 | 21.7 | 20.5 | 24.1 | 81 | .. | 0.9 | .. | 14.3 | 0 | 7 | 21 | 01 | 2 | 0 | 0 | 2 | 16 | 5 | 2 | 0 | 0 |
| | 0830 | 10 | 1014.5 | 1013.4 | -0.2 | 25.4 | 22.5 | 21.0 | 24.9 | 77 | + 5 | 1.5 | -0.3 | 12.5 | 0 | 1 | 25 | 06 | 0 | 0 | 0 | 2 | 9 | 4 | 5 | 2 | 0 |
| | 1130 | 10 | 1014.1 | 1013.0 | .. | 26.7 | 22.6 | 20.5 | 24.1 | 69 | .. | 0.8 | .. | 12.6 | 0 | 5 | 21 | 02 | 4 | 0 | 0 | 3 | 8 | 4 | 5 | 2 | 0 |
| | 1730 | 10 | 1011.4 | 1010.4 | -0.4 | 25.8 | 22.2 | 20.3 | 23.8 | 73 | + 4 | 0.8 | -0.7 | 9.6 | 0 | 2 | 21 | 01 | 0 | 0 | 2 | 3 | 12 | 2 | 3 | 5 | 0 |
| | 2330 | 10 | 1012.7 | 1011.6 | .. | 24.3 | 21.9 | 20.6 | 24.3 | 80 | .. | 0.3 | .. | 14.0 | 0 | 5 | 23 | 00 | 1 | 0 | 0 | 11 | 11 | 4 | 1 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1015.6 | 1009.3 | -0.1 | 21.5 | 17.2 | 14.1 | 16.1 | 63 | + 2 | 0.8 | -0.4 | 2.9 | 0 | 0 | 23 | 10 | 8 | 0 | 0 | 1 | 0 | 1 | 3 | 5 | 0 |
| | 1730 | 54 | 1011.1 | 1005.0 | -0.2 | 28.6 | 20.1 | 14.6 | 16.6 | 43 | + 1 | 0.6 | -0.7 | 2.1 | 0 | 0 | 13 | 00 | 1 | 0 | 5 | 5 | 2 | 0 | 0 | 15 | 0 |
| Jharsuguda | 0230 | 230 | 1011.9 | 985.3 | .. | 18.2 | 13.8 | 9.9 | 12.2 | 60 | .. | 0.2 | .. | 2.4 | 0 | 0 | 10 | 02 | 6 | 0 | 0 | 1 | 0 | 0 | | 18 | 0 |
| | 0530 | 230 | 1012.7 | 985.9 | .. | 16.3 | 12.8 | 9.6 | 11.9 | 66 | .. | 0.6 | .. | 3.4 | 0 | 0 | 13 | 05 | 6 | 1 | 0 | 0 | 0 | 0 | 1 | 15 | 0 |
| | 0830 | 230 | 1014.9 | 988.3 | +0.2 | 21.2 | 14.8 | 9.2 | 11.6 | 47 | - 8 | 0.9 | -0.2 | 6.4 | 0 | 0 | 23 | 04 | 15 | 2 | 0 | 1 | 0 | 0 | 1 | 5 | 0 |
| | 1130 | 230 | 1013.3 | 987.5 | .. | 28.7 | 17.4 | 8.0 | 10.7 | 27 | .. | 0.6 | .. | 6.4 | 0 | 0 | 23 | 02 | 6 | 6 | 2 | 3 | 1 | 3 | 0 | 5 | 0 |
| | 1430 | 230 | 1009.7 | 984.4 | .. | 32.1 | 18.1 | 6.1 | 9.4 | 20 | .. | 0.7 | .. | 7.5 | 0 | 1 | 22 | 00 | 0 | 0 | 0 | 3 | 6 | 8 | 6 | 5 | 0 |
| | 1730 | 230 | 1009.5 | 984.0 | -0.2 | 30.5 | 17.8 | 7.1 | 10.1 | 23 | - 9 | 0.8 | -0.6 | 5.3 | 0 | 0 | 16 | 00 | 0 | 0 | 1 | 4 | 4 | 6 | 1 | 12 | 0 |
| | 2030 | 230 | 1011.5 | 985.5 | .. | 24.6 | 16.0 | 8.7 | 11.2 | 37 | .. | 0.3 | .. | 4.0 | 0 | 0 | 19 | 01 | 2 | 1 | 3 | 7 | 3 | 1 | 1 | 9 | 0 |
| | 2330 | 230 | 1012.2 | 985.8 | .. | 21.3 | 15.0 | 9.6 | 11.9 | 48 | .. | 0.1 | .. | 3.6 | 0 | 0 | 15 | 01 | 3 | 5 | 4 | 0 | 0 | 1 | 1 | 13 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of lt. in gms. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ORISSA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Keonjhargarh | 0830 | 463 | 1014.3 | 962.2 | -0.8 | 20.7 | 15.8 | 12.4 | 14.4 | 59 | + 0 | 0.9 | -0.5 | 0.9 | 0 | 0 | 13 | 06 | 0 | 0 | 0 | 2 | 1 | 3 | 1 | 15 | 0 |
| | 1730 | 463 | 1010.3 | 959.4 | +0.0 | 27.9 | 17.4 | 9.9 | 11.8 | 34 | - 9 | 0.4 | -1.3 | 1.6 | 0 | 0 | 22 | 05 | 0 | 5 | 0 | 2 | 0 | 8 | 2 | 6 | 0 |
| Balasore | 0830 | 20 | 1014.5 | 1012.2 | -0.3 | 22.2 | 18.9 | 16.9 | 19.3 | 72 | + 7 | 2.2 | +0.0 | 3.1 | 0 | 0 | 20 | 08 | 2 | 0 | 0 | 5 | 4 | 0 | 1 | 8 | 0 |
| | 1730 | 20 | 1010.5 | 1008.2 | -0.5 | 25.7 | 21.4 | 19.0 | 22.0 | 67 | + 7 | 1.2 | -1.3 | 4.4 | 0 | 0 | 24 | 00 | 0 | 0 | 6 | 17 | 1 | 0 | 0 | 4 | 0 |
| Sambalpur | 0830 | 148 | 1015.7 | 998.6 | +0.8 | 23.4 | 17.3 | 12.8 | 14.8 | 54 | -12 | 0.1 | -1.6 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 148 | 1010.5 | 994.0 | +0.2 | 29.7 | 19.6 | 12.6 | 14.6 | 35 | - 3 | 0.1 | -1.7 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| Angul | 0830 | 139 | 1015.0 | 999.0 | +0.1 | 22.3 | 18.7 | 15.4 | 18.6 | 69 | + 1 | 2.3 | -0.1 | 3.3 | 0 | 0 | 21 | 02 | 5 | 1 | 0 | 1 | 1 | 6 | 5 | 7 | 0 |
| | 1730 | 139 | 1009.9 | 994.5 | -0.4 | 30.3 | 20.1 | 13.3 | 15.3 | 37 | + 3 | 1.4 | -0.7 | 3.4 | 0 | 0 | 22 | 03 | 1 | 9 | 3 | 3 | 0 | 2 | 1 | 6 | 0 |
| Chandbali | 0830 | 6 | 1015.4 | 1014.7 | +0.5 | 22.6 | 20.7 | 19.7 | 22.9 | 84 | + 8 | 2.0 | +0.1 | 2.7 | 0 | 0 | 21 | 00 | 0 | 2 | 2 | 1 | 8 | 0 | 8 | 7 | 0 |
| | 1730 | 6 | 1011.1 | 1010.4 | -0.4 | 26.2 | 21.4 | 18.7 | 21.6 | 64 | + 6 | 1.3 | -0.2 | 9.8 | 0 | 0 | 28 | 00 | 1 | 3 | 22 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 0830 | 190 | 1014.2 | 992.4 | -0.3 | 22.9 | 17.3 | 13.3 | 15.3 | 55 | - 9 | 0.7 | -1.6 | 2.7 | 0 | 0 | 21 | 05 | 2 | 4 | 2 | 4 | 3 | 0 | 1 | 7 | 0 |
| | 1730 | 190 | 1009.4 | 988.2 | -1.5 | 31.4 | 20.6 | 13.5 | 15.5 | 35 | - 9 | 1.1 | -1.6 | 2.5 | 0 | 0 | 20 | 04 | 4 | 7 | 1 | 3 | 1 | 0 | 0 | 8 | 0 |
| Phulbani | 0830 | 464 | 1013.4 | 960.7 | .. | 18.3 | 15.4 | 13.3 | 15.3 | 73 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 464 | 1007.6 | 956.8 | .. | 28.3 | 17.7 | 10.3 | 12.5 | 32 | .. | 0.4 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 26 | 0 |
| Cuttack | 0830 | 27 | 1014.6 | 1011.6 | -0.1 | 22.4 | 20.4 | 19.3 | 22.4 | 83 | + 7 | 2.0 | -0.2 | 1.4 | 0 | 0 | 10 | 01 | 4 | 1 | 0 | 1 | 3 | 0 | 0 | 18 | 0 |
| | 1730 | 27 | 1010.4 | 1007.4 | -0.3 | 30.3 | 22.5 | 18.3 | 21.0 | 47 | + 4 | 0.6 | -1.5 | 4.4 | 0 | 0 | 18 | 00 | 0 | 0 | 3 | 8 | 6 | 0 | 1 | 10 | 0 |
| Titilagarh | 0830 | 211 | 1015.7 | 991.9 | +1.8 | 25.4 | 19.5 | 15.7 | 17.8 | 53 | - 5 | 0.0 | -1.3 | 2.0 | 0 | 0 | 28 | 00 | 15 | 0 | 10 | 0 | 3 | 0 | 0 | 0 | 0 |
| | 1730 | 211 | 1010.8 | 987.4 | +1.5 | 32.1 | 20.6 | 12.9 | 14.9 | 32 | - 2 | 0.1 | -1.3 | 2.0 | 0 | 0 | 28 | 00 | 19 | 0 | 8 | 0 | 1 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1012.1 | 1006.8 | .. | 20.7 | 19.9 | 19.4 | 22.5 | 92 | .. | 0.6 | .. | 5.6 | 0 | 0 | 24 | 01 | 1 | 1 | 0 | 12 | 7 | 0 | 2 | 4 | 0 |
| | 0530 | 46 | 1012.5 | 1007.1 | .. | 19.4 | 18.8 | 18.4 | 21.1 | 95 | .. | 1.4 | .. | 4.4 | 0 | 0 | 21 | 03 | 0 | 1 | 0 | 7 | 8 | 0 | 2 | 7 | 0 |
| | 0830 | 46 | 1014.7 | 1009.5 | +0.5 | 23.4 | 20.9 | 19.5 | 22.7 | 80 | +12 | 2.7 | +0.6 | 6.9 | 0 | 0 | 26 | 05 | 2 | 4 | 1 | 3 | 7 | 2 | 2 | 2 | 0 |
| | 1130 | 46 | 1013.7 | 1008.6 | .. | 29.3 | 21.4 | 16.7 | 19.0 | 47 | .. | 1.5 | .. | 7.3 | 0 | 0 | 26 | 03 | 3 | 1 | 1 | 9 | 7 | 1 | 1 | 2 | 0 |
| | 1430 | 46 | 1010.7 | 1005.6 | .. | 31.8 | 20.6 | 13.2 | 15.2 | 33 | .. | 1.2 | .. | 8.6 | 0 | 2 | 25 | 03 | 2 | 1 | 1 | 12 | 4 | 1 | 3 | 1 | 0 |
| | 1730 | 46 | 1010.8 | 1005.6 | +0.2 | 27.6 | 20.9 | 16.9 | 19.3 | 52 | + 4 | 1.1 | -0.9 | 11.4 | 0 | 4 | 24 | 02 | 0 | 1 | 2 | 18 | 1 | 0 | 4 | 0 | 0 |
| | 2030 | 46 | 1012.8 | 1007.5 | .. | 23.3 | 20.9 | 19.6 | 22.8 | 80 | .. | 0.5 | .. | 8.9 | 0 | 0 | 28 | 00 | 0 | 0 | 3 | 21 | 3 | 0 | 1 | 0 | 0 |
| | 2330 | 46 | 1012.8 | 1007.5 | .. | 21.7 | 20.4 | 19.6 | 22.8 | 88 | .. | 0.5 | .. | 7.5 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 14 | 8 | 1 | 2 | 3 | 0 |
| Puri | 0830 | 6 | 1014.9 | 1014.2 | +0.2 | 25.7 | 22.3 | 20.5 | 24.1 | 73 | + 0 | 1.6 | -0.3 | 9.1 | 0 | 0 | 28 | 06 | 2 | 0 | 0 | 3 | 16 | 0 | 1 | 0 | 0 |
| | 1730 | 6 | 1011.2 | 1010.5 | -0.1 | 26.1 | 22.9 | 21.3 | 25.3 | 76 | + 4 | 1.4 | -0.7 | 13.4 | 0 | 2 | 26 | 00 | 0 | 1 | 1 | 23 | 2 | 0 | 1 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1012.3 | 1010.3 | .. | 20.3 | 18.9 | 17.9 | 20.6 | 86 | .. | 0.9 | .. | 5.9 | 0 | 2 | 18 | 07 | 0 | 0 | 0 | 0 | 3 | 2 | 8 | 8 | 0 |
| | 0830 | 17 | 1014.7 | 1012.7 | +0.1 | 23.2 | 20.3 | 18.7 | 21.6 | 75 | + 3 | 0.9 | -0.9 | 7.3 | 0 | 0 | 25 | 09 | 0 | 0 | 0 | 1 | 4 | 3 | 8 | 3 | 0 |
| | 1130 | 17 | 1014.1 | 1012.2 | .. | 28.0 | 22.6 | 19.7 | 22.9 | 61 | .. | 0.7 | .. | 13.6 | 0 | 7 | 21 | 00 | 3 | 0 | 5 | 15 | 5 | 0 | 0 | 0 | 0 |
| | 1730 | 17 | 1011.1 | 1009.2 | +0.0 | 26.4 | 22.7 | 20.8 | 24.6 | 72 | - 2 | 1.7 | -0.3 | 19.3 | 0 | 13 | 15 | 00 | 0 | 1 | 4 | 17 | 6 | 0 | 0 | 0 | 0 |
| | 2330 | 17 | 1013.0 | 1011.1 | .. | 23.4 | 21.5 | 20.5 | 24.1 | 83 | .. | 1.0 | .. | 12.0 | 0 | 6 | 18 | 00 | 0 | 0 | 0 | 5 | 16 | 3 | 0 | 4 | 0 |
| Koraput | 0830 | 913 | 1525.6 | 913.7 | +0.2 | 16.8 | 14.9 | 13.6 | 15.6 | 82 | +20 | 3.5 | +2.2 | 8.2 | 0 | 0 | 28 | 00 | 0 | 0 | 17 | 2 | 9 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1522.8 | 911.0 | +0.4 | 27.4 | 20.2 | 16.2 | 18.4 | 51 | +16 | 2.3 | +0.3 | 10.0 | 0 | 0 | 28 | 00 | 3 | 0 | 0 | 2 | 20 | 2 | 1 | 0 | 0 |
| BIHAR PLATEAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daltonganj | 0830 | 149 | 1014.8 | 997.5 | -0.2 | 19.8 | 15.6 | 12.3 | 14.3 | 63 | + 5 | 0.6 | -0.9 | 2.1 | 0 | 0 | 13 | 02 | 2 | 0 | 2 | 3 | 0 | 2 | 2 | 15 | 0 |
| | 1730 | 149 | 1010.7 | 993.8 | -0.2 | 26.8 | 18.6 | 12.8 | 14.8 | 43 | + 1 | 0.1 | -1.5 | 1.3 | 0 | 0 | 7 | 00 | 1 | 0 | 0 | 0 | 2 | 2 | 2 | 21 | 0 |
| Hazaribagh | 0830 | 221 | 1014.5 | 988.9 | -0.9 | 18.9 | 14.5 | 10.8 | 12.9 | 60 | -11 | 0.3 | -1.6 | 2.4 | 0 | 0 | 22 | 00 | 1 | 2 | 6 | 2 | 2 | 2 | 7 | 6 | 0 |
| | 1730 | 221 | 1010.3 | 985.5 | -0.3 | 27.6 | 17.6 | 9.7 | 12.0 | 33 | - 5 | 0.4 | -1.7 | 2.6 | 0 | 0 | 24 | 04 | 3 | 0 | 1 | 0 | 0 | 3 | 13 | 4 | 0 |
| Ranchi | 0830 | 611 | 1014.6 | 945.7 | +0.2 | 19.8 | 13.3 | 7.7 | 10.5 | 46 | - 9 | 0.5 | -1.2 | 6.9 | 0 | 1 | 20 | 00 | 0 | 1 | 2 | 2 | 7 | 2 | 7 | 7 | 0 |
| | 1730 | 611 | 1010.3 | 942.8 | +0.0 | 24.4 | 14.3 | 5.4 | 9.0 | 31 | - 9 | 0.7 | -1.2 | 8.9 | 0 | 0 | 28 | 06 | 1 | 3 | 1 | 0 | 0 | 0 | 17 | 0 | 0 |
| Dhanbad | 0830 | 257 | 1014.4 | 985.0 | -0.3 | 22.1 | 15.7 | 10.5 | 12.7 | 48 | - 6 | 0.3 | -0.9 | 2.7 | 0 | 0 | 18 | 00 | 2 | 0 | 0 | 0 | 1 | 14 | 0 | 10 | 1 |
| | 1730 | 257 | 1010.5 | 981.7 | .. | 27.4 | 17.8 | 10.4 | 12.6 | 33 | .. | 0.0 | .. | 0.6 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 24 | 1 |
| Jamshedpur | 0830 | 655 | 1015.6 | 941.2 | +0.6 | 16.9 | 12.0 | 7.7 | 10.7 | 54 | - 1 | 0.2 | -1.4 | 1.6 | 0 | 0 | 22 | 06 | 1 | 0 | 0 | 0 | 0 | 0 | 15 | 6 | 0 |
| | 1730 | 655 | 1010.2 | 938.1 | +0.2 | 24.5 | 15.4 | 8.2 | 10.9 | 36 | - 5 | 0.6 | -1.2 | 1.1 | 0 | 0 | 16 | 06 | 0 | 1 | 1 | 1 | 0 | 1 | 6 | 12 | 0 |
| Chaibasa Aerodrome | 0530 | 652 | 1013.5 | 939.4 | .. | 15.6 | 11.7 | 8.3 | 10.9 | 63 | .. | 0.3 | .. | 2.0 | 0 | 1 | 3 | 01 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 24 | 0 |
| | 0830 | 652 | 1014.2 | 941.0 | -0.2 | 19.6 | 13.6 | 8.7 | 11.2 | 50 | - 1 | 0.2 | -1.5 | 6.3 | 0 | 3 | 10 | 01 | 1 | 1 | 0 | 1 | 1 | 2 | 6 | 15 | 0 |
| | 1130 | 652 | 1012.6 | 940.7 | .. | 24.7 | 15.2 | 7.5 | 10.4 | 34 | .. | 0.5 | .. | 11.9 | 0 | 5 | 18 | 04 | 0 | 3 | 2 | 0 | 1 | 6 | 7 | 5 | 0 |
| | 1430 | 652 | 1009.3 | 938.0 | .. | 27.3 | 15.6 | 5.8 | 9.2 | 27 | .. | 1.3 | .. | 17.5 | 0 | 13 | 11 | 02 | 1 | 2 | 0 | 1 | 3 | 7 | 8 | 4 | 0 |
| | 1730 | 652 | 1009.3 | 937.9 | -0.3 | 26.0 | 15.2 | 6.1 | 9.4 | 29 | -10 | 1.0 | -0.9 | 12.1 | 0 | 2 | 21 | 02 | 1 | 2 | 0 | 1 | 1 | 7 | 9 | 5 | 0 |
| | 2030 | 652 | 1012.3 | 939.6 | .. | 21.0 | 13.9 | 8.0 | 10.7 | 44 | .. | 0.5 | .. | 5.6 | 0 | 1 | 13 | 01 | 2 | 0 | 1 | 1 | 1 | 2 | 6 | 14 | 0 |
| Jamshedpur | 0830 | 129 | 1014.2 | 999.2 | -1.0 | 19.0 | 15.3 | 12.4 | 14.4 | 66 | - 1 | 0.9 | -0.8 | 2.3 | 0 | 0 | 20 | 00 | 0 | 3 | 0 | 0 | 0 | 12 | 5 | 8 | 0 |
| | 1730 | 129 | 1009.6 | 995.2 | -0.4 | 29.6 | 18.8 | 10.8 | 12.9 | 32 | - 2 | 0.6 | -0.9 | 3.0 | 0 | 0 | 16 | 00 | 1 | 4 | 0 | 1 | 1 | 6 | 3 | 12 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1013.2 | 996.5 | .. | 15.5 | 13.5 | 11.8 | 13.8 | 79 | .. | 0.3 | .. | 1.5 | 0 | 0 | 7 | 00 | 1 | 0 | 0 | 1 | 0 | 2 | 3 | 21 | 0 |
| | 0830 | 142 | 1015.2 | 998.8 | +0.3 | 20.0 | 15.3 | 11.5 | 13.6 | 59 | - 3 | 0.4 | -1.0 | 2.8 | 0 | 0 | 15 | 00 | 1 | 1 | 0 | 1 | 2 | 5 | 5 | 12 | 0 |
| | 1130 | 142 | 1013.6 | 997.5 | .. | 27.4 | 18.0 | 10.9 | 13.0 | 36 | .. | 0.5 | .. | 5.3 | 0 | 0 | 20 | 01 | 3 | 1 | 0 | 5 | 1 | 3 | 6 | 8 | 0 |
| | 1430 | 142 | 1010.1 | 994.2 | .. | 30.5 | 18.5 | 9.1 | 11.5 | 27 | .. | 0.7 | .. | 6.1 | 0 | 0 | 27 | 00 | 2 | 0 | 1 | 0 | 7 | 5 | 12 | 1 | 0 |
| | 1730 | 142 | 1009.0 | 993.9 | -0.3 | 28.7 | 18.5 | 10.9 | 13.0 | 33 | - 4 | 0.7 | -1.3 | 2.6 | 0 | 0 | 13 | 01 | 3 | 0 | 1 | 1 | 0 | 1 | 6 | 15 | 0 |
| | 2030 | 142 | 1012.1 | 995.8 | .. | 22.2 | 17.1 | 13.4 | 15.4 | 57 | .. | 0.6 | .. | 3.1 | 0 | 0 | 11 | 00 | 5 | 3 | 0 | 0 | 0 | 1 | 2 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level (at in gpm. of nearest standard isobaric level) | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) (Contd.) | 2330 | 142 | 1012.8 | 996.4 | .. | 19.7 | 16.0 | 13.2 | 15.2 | 67 | .. | 0.5 | .. | 2.5 | 0 | 0 | 12 | 00 | 3 | 4 | 1 | 0 | 2 | 2 | 0 | 16 | 0 |
| Chaibasa | 0830 | 226 | 1014.9 | 988.8 | -0.1 | 20.0 | 15.5 | 11.9 | 13.9 | 60 | - 7 | 0.5 | -1.6 | 1.8 | 0 | 0 | 22 | 00 | 1 | 0 | 1 | 0 | 18 | 0 | 2 | 6 | 0 |
| | 1730 | 226 | 1010.2 | 984.9 | +0.0 | 28.9 | 18.4 | 10.4 | 12.6 | 33 | - 8 | 0.7 | -1.6 | 1.1 | 0 | 0 | 12 | 00 | 4 | 0 | 1 | 0 | 2 | 0 | 5 | 16 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1015.0 | 1007.1 | +0.5 | 17.6 | 15.9 | 14.7 | 16.7 | 83 | + 7 | 1.5 | -0.5 | 3.1 | 0 | 0 | 21 | 00 | 5 | 7 | 0 | 1 | 0 | 2 | 5 | 7 | 1 |
| | 1730 | 66 | 1011.6 | 1004.0 | +0.8 | 22.9 | 19.0 | 16.5 | 18.8 | 68 | +14 | 0.7 | -0.7 | 1.3 | 0 | 0 | 11 | 00 | 1 | 4 | 0 | 1 | 1 | 2 | 1 | 17 | 1 |
| Forbesganj | 0830 | 61 | 1015.0 | 1008.0 | +0.7 | 18.6 | 16.2 | 14.5 | 16.5 | 78 | + 1 | 1.6 | +0.2 | 1.8 | 0 | 0 | 19 | 00 | 0 | 12 | 1 | 0 | 0 | 6 | 0 | 9 | 0 |
| | 1730 | 61 | 1010.7 | 1003.8 | +0.2 | 24.5 | 19.0 | 15.4 | 17.5 | 57 | + 5 | 1.5 | +0.1 | 1.0 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 7 | 2 | 19 | 0 |
| Darbhanga | 0830 | 49 | 1015.9 | 1010.2 | +1.1 | 22.3 | 18.0 | 15.1 | 17.1 | 65 | -10 | 1.1 | -0.8 | 2.1 | 0 | 0 | 22 | 00 | 2 | 7 | 1 | 1 | 3 | 7 | 1 | 6 | 0 |
| | 1730 | 49 | 1012.8 | 1007.2 | +1.6 | 25.5 | 20.6 | 17.7 | 20.2 | 62 | +12 | 1.0 | -0.7 | 0.9 | 0 | 0 | 11 | 02 | 1 | 0 | 0 | 0 | 0 | 5 | 3 | 17 | 0 |
| Chapra | 0830 | 58 | 1014.7 | 1008.0 | .. | 19.2 | 15.4 | 12.4 | 14.4 | 66 | .. | 1.5 | .. | 3.1 | 0 | 0 | 26 | 00 | 4 | 1 | 0 | 2 | 15 | 4 | 0 | 2 | 0 |
| | 1730 | 58 | 1011.3 | 1004.8 | .. | 25.4 | 19.1 | 14.9 | 16.9 | 53 | .. | 0.8 | .. | 2.9 | 0 | 0 | 26 | 00 | 4 | 1 | 0 | 1 | 15 | 4 | 1 | 2 | 0 |
| Purnea | 0830 | 38 | 1014.8 | 1010.4 | +0.0 | 19.2 | 15.9 | 13.4 | 15.4 | 70 | - 2 | 1.3 | -0.4 | 1.2 | 0 | 0 | 15 | 00 | 3 | 4 | 0 | 0 | 1 | 7 | 0 | 13 | 0 |
| | 1730 | 38 | 1010.7 | 1006.3 | -0.3 | 25.0 | 18.9 | 14.8 | 16.8 | 53 | + 3 | 1.0 | -1.0 | 1.6 | 0 | 0 | 18 | 00 | 1 | 0 | 0 | 0 | 4 | 13 | 0 | 10 | 0 |
| Patna | 0830 | 53 | 1014.7 | 1008.5 | -0.2 | 18.2 | 15.0 | 12.5 | 14.5 | 70 | + 8 | 1.8 | -0.1 | 6.3 | 0 | 0 | 27 | 01 | 3 | 1 | 1 | 6 | 8 | 6 | 1 | 1 | 0 |
| | 1730 | 53 | 1011.1 | 1005.1 | -0.1 | 25.6 | 18.3 | 13.1 | 15.1 | 47 | + 4 | 1.5 | -0.2 | 5.1 | 0 | 0 | 24 | 02 | 2 | 1 | 0 | 3 | 1 | 14 | 1 | 4 | 0 |
| Patna Aerodrome | 0530 | 60 | 1012.3 | 1005.2 | .. | 14.2 | 12.9 | 11.8 | 13.8 | 89 | .. | 1.2 | .. | 2.4 | 0 | 0 | 15 | 03 | 1 | 1 | 0 | 2 | 1 | 6 | 1 | 13 | 0 |
| | 0830 | 60 | 1014.6 | 1007.7 | +0.6 | 18.5 | 15.3 | 12.8 | 14.8 | 69 | + 4 | 1.9 | +0.5 | 5.6 | 0 | 0 | 25 | 01 | 2 | 2 | 0 | 1 | 10 | 8 | 1 | 3 | 0 |
| | 1130 | 60 | 1014.1 | 1007.3 | .. | 25.5 | 18.0 | 12.6 | 14.6 | 46 | .. | 1.6 | .. | 7.6 | 0 | 1 | 27 | 02 | 1 | 2 | 2 | 3 | 6 | 9 | 3 | 0 | 0 |
| | 1430 | 60 | 1011.2 | 1004.5 | .. | 27.5 | 18.6 | 12.2 | 14.2 | 40 | .. | 1.3 | .. | 8.4 | 0 | 0 | 28 | 01 | 1 | 2 | 2 | 0 | 2 | 11 | 8 | 0 | 1 |
| | 1730 | 60 | 1010.9 | 1004.1 | +0.5 | 25.0 | 18.6 | 14.2 | 16.2 | 52 | + 9 | 1.6 | +0.2 | 2.7 | 0 | 0 | 21 | 01 | 0 | 2 | 1 | 0 | 2 | 12 | 3 | 7 | 0 |
| | 2030 | 60 | 1012.4 | 1005.5 | .. | 19.5 | 16.5 | 14.3 | 16.3 | 73 | .. | 1.0 | .. | 1.8 | 0 | 0 | 9 | 01 | 2 | 0 | 0 | 0 | 1 | 5 | 0 | 19 | 0 |
| | 2330 | 60 | 1012.7 | 1005.7 | .. | 17.5 | 15.2 | 13.5 | 15.5 | 77 | .. | 1.3 | .. | 1.8 | 0 | 0 | 10 | 02 | 1 | 0 | 0 | 0 | 0 | 6 | 1 | 18 | 0 |
| Bhagalpur | 0530 | 49 | 1012.7 | 1007.0 | .. | 16.0 | 13.9 | 12.1 | 14.3 | 78 | .. | 0.9 | .. | 2.5 | 0 | 0 | 18 | 00 | 0 | 1 | 2 | 11 | 4 | 0 | 0 | 10 | 0 |
| | 0830 | 49 | 1015.0 | 1009.2 | +0.3 | 19.3 | 15.8 | 13.1 | 15.1 | 68 | + 7 | 1.7 | +0.6 | 2.4 | 0 | 0 | 17 | 01 | 1 | 1 | 3 | 4 | 4 | 2 | 1 | 11 | 0 |
| | 1130 | 49 | 1014.2 | 1008.7 | .. | 25.5 | 18.1 | 12.8 | 14.8 | 47 | .. | 1.8 | .. | 6.0 | 0 | 2 | 24 | 03 | 2 | 3 | 2 | 1 | 7 | 5 | 3 | 2 | 0 |
| | 1730 | 49 | 1011.2 | 1005.7 | +0.6 | 23.9 | 18.0 | 13.9 | 15.9 | 53 | + 0 | 1.6 | +0.3 | 3.6 | 0 | 0 | 21 | 02 | 0 | 2 | 0 | 1 | 7 | 7 | 2 | 7 | 0 |
| | 2330 | 49 | 1013.1 | 1007.4 | .. | 18.9 | 15.7 | 13.3 | 15.3 | 71 | .. | 1.0 | .. | 3.1 | 0 | 0 | 18 | 00 | 0 | 1 | 4 | 4 | 7 | 1 | 1 | 10 | 0 |
| Sabaur | 0830 | 37 | 1014.9 | 1010.5 | +0.1 | 18.2 | 16.1 | 14.6 | 16.6 | 79 | + 5 | 1.8 | +0.0 | 2.8 | 0 | 0 | 22 | 03 | 0 | 1 | 2 | 1 | 11 | 3 | 1 | 6 | 0 |
| | 1730 | 37 | 1010.9 | 1006.6 | -0.1 | 24.9 | 20.7 | 18.3 | 21.0 | 67 | +13 | 1.2 | -0.7 | 2.1 | 0 | 0 | 15 | 02 | 0 | 0 | 0 | 0 | 3 | 5 | 5 | 13 | 0 |
| Jamui | 0830 | 82 | .. | .. | .. | 19.9 | 16.2 | 13.7 | 15.7 | 69 | + 4 | 0.3 | -1.0 | 2.0 | 0 | 0 | 24 | 01 | 2 | 11 | 2 | 1 | 0 | 4 | 3 | 4 | 0 |
| | 1730 | 82 | .. | .. | .. | 25.7 | 19.1 | 14.7 | 16.7 | 51 | + 5 | 0.1 | -1.2 | 2.0 | 0 | 0 | 26 | 01 | 4 | 6 | 0 | 0 | 0 | 3 | 12 | 2 | 0 |
| Dehri | 0830 | 107 | 1014.7 | 1002.3 | +0.0 | 20.0 | 15.7 | 12.4 | 14.4 | 63 | + 5 | 1.7 | +0.4 | 3.9 | 0 | 0 | 27 | 00 | 1 | 0 | 1 | 10 | 9 | 5 | 1 | 1 | 0 |
| | 1730 | 107 | 1011.3 | 999.1 | +0.8 | 27.1 | 18.3 | 11.9 | 13.9 | 39 | + 4 | 1.6 | +0.3 | 4.5 | 0 | 0 | 27 | 05 | 4 | 0 | 0 | 0 | 0 | 15 | 3 | 1 | 0 |
| Gaya | 0230 | 116 | 1012.2 | 999.5 | .. | 14.9 | 13.3 | 12.0 | 14.0 | 83 | .. | 0.4 | .. | 2.6 | 0 | 0 | 24 | 00 | 0 | 2 | 7 | 8 | 5 | 1 | 1 | 4 | 0 |
| | 0530 | 116 | 1013.3 | 999.5 | .. | 13.5 | 12.3 | 11.3 | 13.4 | 86 | .. | 0.6 | .. | 2.8 | 0 | 0 | 24 | 00 | 0 | 2 | 13 | 5 | 2 | 2 | 0 | 4 | 0 |
| | 0830 | 116 | 1015.2 | 1001.6 | +0.1 | 18.7 | 15.2 | 12.5 | 14.5 | 68 | + 6 | 1.3 | -0.2 | 4.3 | 0 | 0 | 25 | 02 | 0 | 1 | 1 | 13 | 6 | 2 | 0 | 3 | 0 |
| | 1130 | 116 | 1014.5 | 1001.3 | .. | 26.6 | 18.8 | 13.4 | 15.4 | 45 | .. | 1.3 | .. | 9.6 | 0 | 2 | 26 | 01 | 5 | 3 | 0 | 1 | 4 | 10 | 4 | 0 | 0 |
| | 1430 | 116 | 1011.6 | 998.5 | .. | 28.8 | 19.5 | 12.6 | 15.1 | 39 | .. | 1.1 | .. | 13.3 | 0 | 6 | 22 | 04 | 2 | 1 | 0 | 0 | 2 | 13 | 6 | 0 | 0 |
| | 1730 | 116 | 1011.2 | 998.0 | +0.0 | 26.4 | 18.9 | 13.8 | 15.8 | 47 | +10 | 1.1 | -0.7 | 7.3 | 0 | 1 | 26 | 06 | 5 | 0 | 0 | 0 | 0 | 4 | 12 | 1 | 0 |
| | 2030 | 116 | 1012.9 | 999.5 | .. | 20.3 | 16.5 | 13.7 | 15.7 | 66 | .. | 0.6 | .. | 3.4 | 0 | 0 | 21 | 00 | 4 | 1 | 3 | 2 | 5 | 4 | 2 | 7 | 0 |
| | 2330 | 116 | 1013.5 | 999.9 | .. | 17.0 | 14.4 | 12.3 | 14.3 | 75 | .. | 0.7 | .. | 2.9 | 0 | 0 | 25 | 00 | 1 | 2 | 6 | 9 | 6 | 0 | 1 | 3 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1014.2 | 999.6 | -0.2 | 16.1 | 13.8 | 11.9 | 13.8 | 77 | + 3 | 2.7 | +0.8 | 4.4 | 0 | 0 | 18 | 00 | 0 | 2 | 5 | 0 | 2 | 3 | 6 | 10 | 0 |
| | 1730 | 124 | 1010.4 | 996.8 | -0.3 | 24.9 | 17.9 | 12.9 | 14.9 | 50 | + 3 | 3.0 | +0.7 | 3.5 | 0 | 0 | 16 | 00 | 2 | 1 | 0 | 0 | 3 | 5 | 5 | 12 | 0 |
| Nautanwa | 0830 | 99 | 1013.5 | 1001.9 | -0.5 | 16.5 | 14.9 | 13.7 | 15.7 | 84 | + 6 | 1.4 | +0.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 1010.4 | 999.1 | -0.2 | 24.7 | 18.4 | 14.0 | 16.0 | 53 | + 5 | 1.3 | +0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 1015.3 | 998.5 | +1.2 | 17.3 | 14.1 | 11.5 | 13.6 | 70 | - 2 | 1.4 | -0.1 | 3.6 | 0 | 0 | 25 | 04 | 0 | 1 | 1 | 1 | 1 | 15 | 2 | 3 | 0 |
| | 1730 | 142 | 1011.9 | 995.8 | +1.3 | 25.9 | 17.7 | 11.5 | 13.6 | 42 | + 1 | 1.9 | +0.4 | 3.6 | 0 | 0 | 25 | 02 | 0 | 3 | 0 | 0 | 0 | 13 | 7 | 3 | 0 |
| Gonda | 0830 | 110 | 1014.6 | 1001.9 | +0.0 | 18.0 | 14.7 | 11.8 | 13.8 | 69 | - 4 | 1.5 | -0.3 | 3.2 | 0 | 0 | 20 | 01 | 0 | 5 | 0 | 0 | 0 | 7 | 7 | 8 | 0 |
| | 1730 | 110 | 1010.8 | 998.3 | -0.6 | 25.0 | 18.1 | 13.0 | 15.0 | 49 | + 4 | 1.1 | -0.9 | 1.3 | 0 | 0 | 10 | 00 | 0 | 3 | 0 | 0 | 0 | 0 | 7 | 18 | 0 |
| Lucknow | 0830 | 111 | 1013.4 | 1000.4 | -1.5 | 16.1 | 13.8 | 11.7 | 13.7 | 76 | + 6 | 1.7 | +0.0 | 1.1 | 0 | 0 | 11 | 00 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 17 | 0 |
| | 1730 | 111 | 1011.0 | 998.4 | -0.7 | 26.4 | 18.2 | 11.4 | 13.5 | 39 | - 4 | 2.0 | +0.0 | 1.4 | 0 | 0 | 14 | 00 | 0 | 1 | 0 | 0 | 0 | 13 | 0 | 14 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 1012.7 | 997.6 | .. | 14.2 | 11.9 | 9.7 | 12.0 | 75 | .. | 1.7 | .. | 5.2 | 0 | 0 | 23 | 02 | 4 | 2 | 1 | 0 | 1 | 6 | 7 | 5 | 0 |
| | 0530 | 128 | 1012.4 | 997.2 | .. | 12.9 | 11.0 | 9.2 | 11.6 | 79 | .. | 1.9 | .. | 4.9 | 0 | 1 | 22 | 02 | 1 | 3 | 2 | 1 | 1 | 9 | 4 | 5 | 0 |
| | 0830 | 128 | 1014.3 | 999.3 | -0.2 | 16.4 | 13.1 | 10.1 | 12.3 | 67 | + 0 | 2.1 | +0.5 | 7.1 | 0 | 2 | 19 | 02 | 1 | 3 | 2 | 0 | 0 | 9 | 4 | 7 | 0 |
| | 1130 | 128 | 1014.1 | 999.4 | .. | 25.2 | 16.3 | 8.3 | 10.9 | 36 | .. | 2.2 | .. | 12.7 | 0 | 6 | 19 | 04 | 0 | 2 | 3 | 3 | 2 | 5 | 6 | 3 | 0 |
| | 1430 | 128 | 1011.1 | 996.7 | .. | 27.9 | 16.6 | 6.0 | 9.3 | 26 | .. | 2.4 | .. | 13.0 | 0 | 6 | 21 | 01 | 2 | 2 | 1 | 1 | 2 | 7 | 11 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TTAR PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.) | 1730 | 128 | 1010.9 | 996.4 | -0.3 | 26.2 | 16.6 | 8.0 | 10.7 | 33 | - 7 | 2.5 | +0.4 | 7.1 | 0 | 1 | 25 | 02 | 1 | 1 | 2 | 0 | 1 | 9 | 10 | 2 | 0 |
| | 2030 | 128 | 1012.7 | 997.8 | .. | 18.8 | 14.4 | 10.5 | 12.7 | 60 | .. | 1.7 | .. | 5.7 | 0 | 0 | 25 | 01 | 5 | 2 | 0 | 0 | 1 | 12 | 4 | 3 | 0 |
| | 2330 | 128 | 1013.2 | 998.1 | .. | 16.4 | 13.0 | 10.0 | 12.3 | 67 | .. | 1.1 | .. | 5.7 | 0 | 1 | 21 | 01 | 5 | 2 | 0 | 0 | 0 | 10 | 4 | 6 | 0 |
| Faizabad | 0830 | 102 | 1013.9 | 1001.9 | -1.4 | 16.6 | 14.0 | 11.7 | 13.7 | 74 | + 2 | 1.9 | +0.4 | 3.1 | 0 | 0 | 20 | 00 | 1 | 1 | 1 | 1 | 5 | 9 | 2 | 8 | 0 |
| | 1730 | 102 | 1010.8 | 999.7 | -0.4 | 24.7 | 17.9 | 12.9 | 14.9 | 50 | - 1 | 2.3 | +0.6 | 1.6 | 0 | 0 | 13 | 00 | 1 | 1 | 1 | 0 | 2 | 8 | 0 | 15 | 0 |
| Gorakhpur | 0830 | 77 | 1014.8 | 1005.6 | +0.4 | 18.6 | 15.5 | 13.0 | 15.0 | 71 | + 1 | 1.9 | +0.2 | 1.4 | 0 | 0 | 19 | 02 | 0 | 4 | 0 | 2 | 0 | 10 | 1 | 9 | 0 |
| | 1730 | 77 | 1011.4 | 1002.4 | +0.3 | 26.4 | 18.5 | 12.8 | 14.9 | 44 | + 0 | 1.4 | -0.4 | 1.7 | 0 | 0 | 20 | 01 | 0 | 2 | 0 | 2 | 4 | 11 | 0 | 8 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1011.9 | 1002.9 | .. | 17.6 | 14.9 | 13.2 | 15.2 | 76 | .. | 1.2 | .. | 4.1 | 0 | 0 | 17 | 03 | 1 | 0 | 0 | 0 | 4 | 6 | 3 | 11 | 0 |
| | 0530 | 78 | 1012.3 | 1003.7 | .. | 16.5 | 14.2 | 12.6 | 14.6 | 79 | .. | 1.5 | .. | 3.3 | 0 | 0 | 14 | 01 | 0 | 0 | 2 | 0 | 2 | 6 | 3 | 14 | 0 |
| | 1130 | 78 | 1014.1 | 1005.1 | .. | 23.1 | 17.6 | 14.1 | 16.1 | 59 | .. | 1.6 | .. | 7.1 | 0 | 0 | 28 | 02 | 1 | 1 | 5 | 4 | 10 | 5 | 0 | 0 | 0 |
| | 1430 | 78 | 1011.4 | 1002.5 | .. | 25.5 | 17.0 | 13.3 | 15.3 | 48 | .. | 2.0 | .. | 7.2 | 0 | 0 | 28 | 01 | 1 | 1 | 4 | 5 | 8 | 6 | 2 | 0 | 0 |
| | 2030 | 78 | 1012.4 | 1003.3 | .. | 20.9 | 17.0 | 14.4 | 16.4 | 70 | .. | 1.1 | .. | 4.0 | 0 | 0 | 23 | 05 | 4 | 0 | 1 | 2 | 5 | 4 | 2 | 5 | 0 |
| | 2330 | 78 | 1012.5 | 1003.4 | .. | 19.1 | 16.0 | 13.9 | 15.9 | 74 | .. | 1.1 | .. | 3.9 | 0 | 0 | 21 | 04 | 1 | 0 | 0 | 2 | 5 | 5 | 4 | 7 | 0 |
| Kanpur | 0830 | 126 | 1014.3 | 999.4 | -0.9 | 15.7 | 13.2 | 11.0 | 13.0 | 75 | + 6 | 1.6 | +0.0 | 6.1 | 0 | 0 | 23 | 04 | 0 | 5 | 0 | 1 | 3 | 10 | 0 | 5 | 0 |
| Kanpur (Aerodrome) | 1730 | 126 | 1011.4 | 997.1 | -0.5 | 28.0 | 19.0 | 12.3 | 14.7 | 39 | + 2 | 1.8 | -0.1 | 10.4 | 0 | 3 | 25 | 02 | 3 | 2 | 0 | 1 | 1 | 18 | 1 | 0 | 0 |
| | 0530 | 126 | 1012.8 | 997.9 | .. | 14.2 | 11.7 | 9.3 | 11.7 | 74 | .. | 1.5 | .. | 5.3 | 0 | 0 | 19 | 03 | 1 | 2 | 1 | 0 | 1 | 8 | 3 | 9 | 0 |
| | 0830 | 126 | 1014.6 | 999.9 | .. | 17.4 | 13.4 | 9.8 | 12.1 | 62 | .. | 1.7 | .. | 9.1 | 0 | 0 | 27 | 04 | 2 | 2 | 3 | 1 | 4 | 9 | 2 | 1 | 0 |
| | 1130 | 126 | 1014.4 | 1000.1 | .. | 25.8 | 16.6 | 8.6 | 11.2 | 36 | .. | 2.2 | .. | 15.4 | 0 | 3 | 25 | 01 | 2 | 2 | 1 | 6 | 2 | 8 | 6 | 0 | 0 |
| | 1730 | 126 | 1011.1 | 996.9 | .. | 27.0 | 16.9 | 8.0 | 10.7 | 31 | .. | 2.3 | .. | 10.5 | 0 | 1 | 26 | 02 | 2 | 2 | 0 | 0 | 0 | 14 | 7 | 1 | 0 |
| | 2330 | 126 | 1013.2 | 998.5 | .. | 17.9 | 13.6 | 9.6 | 11.9 | 60 | .. | 1.1 | .. | 7.9 | 0 | 0 | 21 | 01 | 4 | 3 | 1 | 0 | 0 | 7 | 5 | 7 | 0 |
| Sultanpur | 0830 | 97 | 1015.7 | 1004.4 | -0.1 | 18.0 | 13.9 | 10.4 | 12.6 | 61 | - 4 | 1.3 | +0.0 | 3.3 | 0 | 0 | 23 | 01 | 2 | 4 | 0 | 0 | 6 | 7 | 3 | 5 | 0 |
| | 1730 | 97 | 1011.1 | 1000.1 | -1.0 | 27.8 | 18.0 | 10.2 | 12.4 | 36 | - 5 | 1.6 | +0.3 | 2.3 | 0 | 0 | 17 | 01 | 0 | 1 | 1 | 0 | 2 | 6 | 6 | 11 | 0 |
| Azamgarh | 0830 | 78 | 1014.7 | 1005.4 | +0.6 | 16.9 | 14.5 | 12.5 | 14.5 | 76 | + 4 | 1.2 | +0.2 | 4.0 | 0 | 0 | 21 | 02 | 0 | 4 | 0 | 2 | 1 | 12 | 0 | 7 | 0 |
| | 1730 | 78 | 1010.9 | 1001.9 | +0.1 | 25.6 | 19.5 | 15.8 | 17.9 | 55 | + 3 | 1.1 | +0.2 | 2.9 | 0 | 0 | 16 | 02 | 1 | 2 | 0 | 0 | 0 | 10 | 1 | 12 | 0 |
| Fatehpur | 0830 | 114 | 1014.9 | 1001.5 | -0.3 | 18.2 | 13.7 | 9.7 | 12.0 | 57 | -10 | 1.4 | -0.5 | 4.7 | 0 | 0 | 24 | 02 | 1 | 2 | 4 | 2 | 4 | 7 | 2 | 4 | 0 |
| | 1730 | 114 | 1011.0 | 998.1 | -0.3 | 27.5 | 17.4 | 8.9 | 11.4 | 32 | - 9 | 1.7 | -0.2 | 6.8 | 0 | 0 | 23 | 03 | 0 | 2 | 2 | 0 | 0 | 3 | 13 | 5 | 0 |
| Ballia | 0830 | 64 | 1015.3 | 1007.8 | +0.8 | 17.6 | 14.7 | 12.5 | 14.5 | 74 | + 7 | 1.7 | +0.5 | 1.4 | 0 | 0 | 14 | 00 | 0 | 2 | 0 | 0 | 2 | 8 | 2 | 14 | 0 |
| | 1730 | 64 | 1011.4 | 1004.1 | -0.2 | 25.6 | 19.2 | 15.0 | 17.0 | 55 | +14 | 1.3 | +0.0 | 0.1 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 26 | 0 |
| Banda | 0830 | 121 | 1015.7 | 1001.6 | +0.4 | 20.3 | 14.9 | 10.1 | 12.3 | 54 | - 8 | 1.4 | +0.4 | 0.7 | 0 | 0 | 7 | 00 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 21 | 0 |
| | 1730 | 121 | 1011.3 | 997.7 | -0.1 | 28.5 | 18.4 | 10.3 | 12.5 | 35 | - 6 | 0.5 | -0.7 | 0.7 | 0 | 0 | 9 | 00 | 3 | 0 | 0 | 0 | 5 | 0 | 1 | 19 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1012.8 | 1001.2 | .. | 16.0 | 13.3 | 10.8 | 12.9 | 72 | .. | 1.5 | .. | 1.1 | 0 | 0 | 8 | 00 | 1 | 2 | 0 | 1 | 0 | 3 | 1 | 20 | 0 |
| | 0530 | 98 | 1012.7 | 1001.1 | .. | 14.4 | 12.2 | 10.2 | 12.4 | 76 | .. | 1.6 | .. | 1.3 | 0 | 0 | 10 | 01 | 1 | 2 | 0 | 4 | 1 | 1 | 0 | 18 | 0 |
| | 0830 | 98 | 1014.9 | 1003.4 | -0.2 | 17.7 | 13.9 | 10.3 | 12.5 | 64 | - 3 | 1.6 | -0.3 | 2.6 | 0 | 0 | 23 | 04 | 2 | 1 | 0 | 0 | 1 | 13 | 2 | 5 | 0 |
| | 1130 | 98 | 1014.6 | 1003.5 | .. | 26.6 | 17.5 | 10.0 | 12.3 | 37 | .. | 1.5 | .. | 5.0 | 0 | 0 | 28 | 01 | 2 | 4 | 1 | 2 | 7 | 7 | 4 | 0 | 0 |
| | 1430 | 98 | 1011.5 | 1000.5 | .. | 29.4 | 18.3 | 9.1 | 11.6 | 31 | .. | 1.8 | .. | 7.6 | 0 | 0 | 28 | 02 | 3 | 1 | 0 | 0 | 2 | 15 | 5 | 0 | 0 |
| | 1730 | 98 | 1010.9 | 999.9 | -0.5 | 28.2 | 18.2 | 10.2 | 12.4 | 35 | - 2 | 1.7 | -0.4 | 3.4 | 0 | 0 | 19 | 00 | 2 | 3 | 0 | 4 | 8 | 2 | 0 | 9 | 0 |
| | 2030 | 98 | 1012.7 | 1001.4 | .. | 21.3 | 15.8 | 11.2 | 13.3 | 54 | .. | 1.3 | .. | 1.5 | 0 | 0 | 15 | 01 | 4 | 1 | 0 | 0 | 0 | 8 | 1 | 13 | 0 |
| | 2330 | 98 | 1013.2 | 1001.8 | .. | 18.6 | 14.4 | 10.8 | 12.9 | 62 | .. | 1.7 | .. | 1.7 | 0 | 0 | 15 | 00 | 5 | 1 | 1 | 0 | 1 | 6 | 1 | 13 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1013.4 | 1003.5 | .. | 14.0 | 12.4 | 11.0 | 13.1 | 83 | .. | 1.3 | .. | 3.4 | 0 | 0 | 13 | 01 | 1 | 1 | 0 | 2 | 2 | 6 | 0 | 15 | 0 |
| | 0830 | 85 | 1015.9 | 1005.8 | +0.6 | 18.2 | 14.8 | 12.0 | 14.0 | 68 | + 6 | 1.7 | +0.5 | 8.3 | 0 | 0 | 22 | 00 | 1 | 3 | 1 | 2 | 11 | 2 | 1 | 6 | 1 |
| | 1130 | 85 | 1015.4 | 1005.5 | .. | 25.4 | 18.1 | 12.7 | 14.7 | 47 | .. | 1.4 | .. | 12.3 | 0 | 2 | 25 | 00 | 1 | 2 | 3 | 2 | 5 | 10 | 3 | 1 | 1 |
| | 1730 | 85 | 1012.1 | 1002.3 | +0.2 | 26.0 | 18.5 | 12.9 | 14.9 | 46 | + 3 | 1.8 | +0.3 | 5.1 | 0 | 0 | 17 | 00 | 0 | 3 | 0 | 0 | 2 | 10 | 1 | 11 | 1 |
| | 2330 | 85 | 1014.1 | 1004.0 | .. | 17.4 | 14.4 | 11.9 | 13.9 | 72 | .. | 1.3 | .. | 4.9 | 0 | 0 | 15 | 01 | 1 | 3 | 0 | 0 | 0 | 10 | 0 | 13 | 0 |
| Varanasi | 0830 | 76 | 1014.6 | 1005.7 | -0.2 | 18.7 | 15.0 | 11.7 | 13.7 | 66 | - 2 | 1.7 | -0.1 | 2.2 | 0 | 0 | 26 | 01 | 0 | 4 | 2 | 0 | 4 | 15 | 0 | 2 | 0 |
| | 1730 | 76 | 1010.2 | 1001.7 | -1.0 | 26.8 | 18.8 | 13.0 | 15.0 | 44 | + 7 | 1.5 | -0.3 | 1.7 | 0 | 0 | 19 | 00 | 3 | 2 | 0 | 0 | 1 | 12 | 1 | 9 | 0 |
| **TTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 9.4 | 5.6 | 1.1 | 6.6 | 59 | + 8 | 3.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 11.6 | 7.2 | 2.5 | 7.3 | 56 | + 4 | 4.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | | .. | .. | .. | 11.0 | 9.6 | 8.3 | 10.9 | 80 | - 1 | 3.6 | +1.3 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| | 1130 | | .. | .. | .. | 17.5 | 12.0 | 6.9 | 9.9 | 52 | .. | 3.4 | .. | 0.6 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 26 | 0 |
| | 1730 | | .. | .. | .. | 21.2 | 13.4 | 6.4 | 9.6 | 41 | - 1 | 3.6 | +1.4 | 1.7 | 0 | 0 | 14 | 00 | 0 | 1 | 6 | 6 | 1 | 0 | 0 | 14 | 0 |
| Dehra Dun | 0530 | 682 | 1013.7 | 935.3 | .. | 12.6 | 10.4 | 8.3 | 11.0 | 75 | .. | 3.1 | .. | 1.1 | 0 | 0 | 7 | 02 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 21 | 0 |
| | 0830 | 682 | 1015.1 | 936.8 | +0.2 | 13.2 | 10.8 | 8.6 | 11.2 | 74 | + 3 | 3.4 | +0.6 | 1.6 | 0 | 0 | 17 | 06 | 5 | 1 | 0 | 1 | 1 | 2 | 1 | 11 | 0 |
| | 1130 | 682 | 1014.1 | 937.6 | .. | 20.3 | 14.5 | 10.1 | 12.3 | 53 | .. | 3.1 | .. | 1.9 | 0 | 0 | 21 | 00 | 3 | 1 | 5 | 3 | 6 | 3 | 0 | 7 | 0 |
| | 1730 | 682 | 1010.7 | 934.7 | -0.3 | 21.5 | 15.4 | 10.9 | 13.0 | 53 | + 6 | 3.4 | +0.2 | 1.7 | 0 | 0 | 21 | 02 | 2 | 1 | 1 | 4 | 2 | 7 | 2 | 7 | 0 |
| | 2330 | 682 | 1014.5 | 936.5 | .. | 15.1 | 12.2 | 9.6 | 12.1 | 70 | .. | 2.8 | .. | 0.9 | 0 | 0 | 10 | 06 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 18 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | -13.2 | -15.7 | -18.9 | 1.1 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | -12.3 | -14.8 | -17.9 | 1.3 | 50 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1015.5 | 983.3 | +0.7 | 14.1 | 11.7 | 9.4 | 11.8 | 74 | - 4 | 3.0 | +0.2 | 0.7 | 0 | 0 | 11 | 00 | 0 | 2 | 0 | 0 | 0 | 0 | 9 | 17 | 0 |
| | 1730 | 274 | 1012.3 | 981.1 | +0.8 | 22.3 | 15.6 | 10.0 | 12.3 | 47 | + 4 | 3.1 | +0.1 | 1.0 | 0 | 0 | 14 | 0[illegible] | 1 | 2 | 1 | 0 | 0 | 0 | 10 | 14 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Najibabad | 0830 | 270 | 1015.5 | 983.7 | +0.4 | 14.0 | 11.9 | 9.9 | 12.3 | 77 | - 5 | 3.3 | +1.7 | 3.4 | 0 | 0 | 24 | 02 | 1 | 4 | 1 | 0 | 2 | 8 | 6 | 4 | 0 |
| | 1730 | 270 | 1012.1 | 981.4 | -0.4 | 23.0 | 16.3 | 10.9 | 13.0 | 48 | + 5 | 3.5 | +2.0 | 3.4 | 0 | 0 | 23 | 00 | 1 | 3 | 1 | 0 | 3 | 14 | 1 | 5 | 0 |
| Meerut | 0830 | 222 | 1015.5 | 989.5 | +0.3 | 16.0 | 13.2 | 10.6 | 15.2 | 71 | + 6 | 1.0 | +0.0 | 4.7 | 0 | 0 | 23 | 03 | 1 | 3 | 3 | 1 | 0 | 8 | 4 | 5 | 0 |
| Bareilly | 0830 | 173 | 1014.5 | 994.1 | -0.1 | 15.9 | 14.1 | 12.6 | 14.6 | 81 | + 8 | 2.5 | +0.1 | 6.9 | 0 | 0 | 25 | 01 | 1 | 3 | 2 | 0 | 0 | 12 | 6 | 3 | 0 |
| | 1730 | 173 | 1011.1 | 991.4 | -0.3 | 23.5 | 18.1 | 14.1 | 16.1 | 56 | +12 | 2.6 | +0.0 | 3.1 | 0 | 0 | 19 | 00 | 0 | 1 | 0 | 0 | 1 | 13 | 4 | 9 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1012.4 | 992.2 | .. | 16.6 | 13.7 | 11.7 | 13.7 | 74 | .. | 2.1 | .. | 4.9 | 0 | 0 | 19 | 01 | 0 | 6 | 0 | 0 | 0 | 5 | 7 | 9 | 0 |
| | 0530 | 172 | 1012.5 | 992.2 | .. | 15.1 | 13.1 | 11.7 | 13.7 | 81 | .. | 2.3 | .. | 4.4 | 0 | 0 | 21 | 01 | 0 | 4 | 0 | 1 | 0 | 12 | 3 | 7 | 0 |
| | 1130 | 172 | 1014.4 | 994.5 | .. | 22.1 | 16.4 | 12.5 | 14.5 | 57 | .. | 3.0 | .. | 6.3 | 0 | 0 | 27 | 00 | 3 | 4 | 1 | 1 | 1 | 7 | 10 | 1 | 0 |
| | 1430 | 172 | 1011.5 | 991.8 | .. | 25.3 | 17.2 | 12.1 | 14.1 | 45 | .. | 3.4 | .. | 9.3 | 0 | 2 | 26 | 01 | 0 | 2 | 4 | 0 | 0 | 8 | 13 | 0 | 0 |
| | 2030 | 172 | 1012.7 | 992.7 | .. | 20.0 | 15.7 | 12.9 | 14.9 | 65 | .. | 1.4 | .. | 8.8 | 0 | 0 | 23 | 01 | 3 | 4 | 0 | 0 | 1 | 10 | 4 | 5 | 0 |
| | 2330 | 172 | 1013.1 | 993.0 | .. | 18.3 | 14.6 | 12.1 | 14.1 | 68 | .. | 1.6 | .. | 4.5 | 0 | 0 | 22 | 01 | 3 | 5 | 0 | 0 | 0 | 7 | 6 | 6 | 0 |
| Aligarh | 0830 | 187 | 1015.6 | 993.2 | +0.1 | 15.5 | 12.9 | 10.3 | 12.5 | 76 | + 9 | 2.7 | +0.7 | 4.6 | 0 | 0 | 28 | 03 | 0 | 3 | 3 | 3 | 2 | 12 | 2 | 0 | 0 |
| | 1730 | 187 | 1012.4 | 990.6 | +0.0 | 24.6 | 17.0 | 10.6 | 12.8 | 43 | + 6 | 3.9 | +2.0 | 4.3 | 0 | 0 | 26 | 09 | 2 | 1 | 0 | 1 | 0 | 9 | 4 | 2 | 0 |
| Mainpuri | 0830 | 157 | 1014.4 | 996.0 | -0.6 | 16.2 | 13.9 | 11.6 | 13.7 | 75 | + 5 | 2.2 | +0.0 | 3.9 | 0 | 0 | 20 | 05 | 0 | 5 | 1 | 0 | 3 | 5 | 1 | 8 | 0 |
| | 1730 | 157 | 1011.6 | 993.8 | -0.1 | 25.9 | 18.9 | 14.0 | 16.0 | 49 | + 9 | 3.0 | +0.7 | 5.2 | 0 | 0 | 21 | 00 | 2 | 1 | 0 | 0 | 0 | 4 | 14 | 7 | 0 |
| Agra | 0830 | 169 | 1015.2 | 995.4 | -0.2 | 16.6 | 13.7 | 11.2 | 13.3 | 71 | + 7 | 1.3 | -0.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28. |
| | 1730 | 169 | 1011.7 | 992.6 | -0.2 | 25.3 | 0.0 | .. | .. | .. | .. | 2.3 | +0.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 1013.4 | 995.4 | .. | 12.5 | 11.2 | 9.5 | 11.9 | 81 | .. | 1.8 | .. | 6.0 | 0 | 0 | 14 | 02 | 2 | 0 | 1 | 1 | 0 | 5 | 3 | 14 | 0 |
| | 0830 | 169 | 1015.2 | 995.4 | .. | 15.6 | 12.9 | 10.5 | 12.7 | 73 | .. | 2.4 | .. | 7.4 | 0 | 0 | 20 | 03 | 0 | 2 | 2 | 1 | 1 | 5 | 6 | 8 | 0 |
| | 1130 | 169 | 1015.0 | 995.8 | .. | 25.1 | 18.1 | 12.9 | 14.9 | 48 | .. | 2.5 | .. | 12.1 | 0 | 0 | 25 | 02 | 1 | 1 | 1 | 1 | 9 | 3 | 7 | 3 | 0 |
| | 1730 | 169 | 1011.7 | 992.6 | .. | 25.6 | 18.5 | 13.2 | 15.2 | 48 | .. | 3.0 | .. | 12.5 | 0 | 3 | 21 | 04 | 2 | 2 | 1 | 1 | 1 | 1 | 12 | 4 | 0 |
| | 2330 | 169 | 1014.1 | 994.3 | .. | 16.6 | 13.5 | 10.8 | 12.9 | 69 | .. | 2.0 | .. | 5.2 | 0 | 0 | 15 | 02 | 2 | 4 | 2 | 0 | 1 | 2 | 2 | 13 | 0 |
| Orai | 0830 | 141 | 1015.4 | 999.1 | -0.2 | 21.9 | 16.4 | 11.9 | 13.9 | 54 | - 4 | 1.3 | +0.0 | 3.6 | 0 | 0 | 28 | 03 | 7 | 0 | 0 | 0 | 0 | 7 | 11 | 0 | 0 |
| | 1730 | 141 | 1011.1 | 995.1 | -0.8 | 27.4 | 19.0 | 12.9 | 14.9 | 42 | + 4 | 0.4 | -1.0 | 2.2 | 0 | 0 | 28 | 03 | 15 | 0 | 0 | 0 | 0 | 2 | 8 | 0 | 0 |
| Jhansi | 0830 | 251 | 1015.6 | 986.5 | +0.1 | 18.4 | 12.8 | 6.9 | 9.9 | 49 | - 7 | 1.4 | +0.0 | 2.1 | 0 | 0 | 19 | 06 | 0 | 3 | 1 | 0 | 0 | 8 | 1 | 9 | 0 |
| | 1730 | 251 | 1010.7 | 983.0 | -0.1 | 29.3 | 17.2 | 6.2 | 9.5 | 25 | - 3 | 2.0 | +0.4 | 1.9 | 0 | 0 | 19 | 02 | 1 | 3 | 0 | 2 | 0 | 10 | 1 | 9 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1014.0 | 977.2 | .. | 13.2 | 10.9 | 8.8 | 11.3 | 77 | .. | 3.8 | .. | 5.0 | 0 | 1 | 10 | 00 | 7 | 2 | 1 | 0 | 0 | 1 | 0 | 17 | 0 |
| | 0830 | 312 | 1015.2 | 978.6 | +0.0 | 14.5 | 11.8 | 9.1 | 11.5 | 71 | - 3 | 4.5 | +1.2 | 4.5 | 0 | 0 | 14 | 01 | 5 | 2 | 2 | 2 | 1 | 0 | 1 | 14 | 0 |
| | 1130 | 312 | 1015.3 | 979.5 | .. | 20.9 | 14.7 | 9.1 | 11.5 | 50 | .. | 4.6 | .. | 1.5 | 0 | 2 | 18 | 03 | 3 | 1 | 3 | 4 | 5 | 0 | 1 | 8 | 0 |
| | 1730 | 312 | 1012.1 | 976.5 | -1.0 | 21.9 | 15.0 | 8.4 | 10.8 | 45 | - 1 | 4.5 | +0.4 | 12.4 | 0 | 2 | 26 | 05 | 3 | 2 | 1 | 1 | 1 | 13 | 2 | 0 | 0 |
| | 2330 | 312 | 1014.9 | 978.4 | .. | 14.9 | 12.5 | 10.2 | 12.4 | 75 | .. | 3.9 | .. | 5.6 | 0 | 3 | 10 | 01 | 2 | 5 | 1 | 1 | 1 | 1 | 1 | 15 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1014.0 | 986.2 | .. | 11.3 | 10.3 | 9.2 | 11.6 | 87 | .. | 3.3 | .. | 6.9 | 0 | 3 | 16 | 03 | 1 | 3 | 3 | 0 | 1 | 4 | 4 | 9 | 0 |
| | 0830 | 234 | 1015.4 | 987.6 | -0.1 | 12.4 | 11.1 | 9.9 | 12.2 | 85 | + 1 | 4.3 | +1.6 | 5.7 | 0 | 2 | 15 | 05 | 2 | 1 | 3 | 0 | 0 | 2 | 4 | 11 | 0 |
| | 1130 | 234 | 1015.8 | 988.7 | .. | 20.3 | 15.1 | 10.7 | 12.9 | 56 | .. | 4.6 | .. | 7.2 | 0 | 2 | 19 | 03 | 4 | 2 | 2 | 1 | 1 | 2 | 6 | 7 | 0 |
| | 1430 | 234 | 1013.1 | 986.4 | .. | 23.2 | 15.7 | 9.2 | 11.6 | 43 | .. | 4.7 | .. | 9.4 | 0 | 2 | 22 | 02 | 0 | 3 | 3 | 1 | 2 | 7 | 6 | 4 | 0 |
| | 1730 | 234 | 1012.5 | 985.6 | -0.3 | 21.7 | 15.4 | 9.9 | 12.2 | 46 | + 1 | 4.7 | +2.0 | 6.7 | 0 | 1 | 21 | 02 | 1 | 1 | 2 | 0 | 2 | 5 | 9 | 6 | 0 |
| | 2030 | 234 | 1014.2 | 986.9 | .. | 16.3 | 13.5 | 11.0 | 13.1 | 72 | .. | 4.1 | .. | 6.7 | 0 | 1 | 18 | 02 | 2 | 3 | 1 | 0 | 0 | 7 | 4 | 9 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1015.4 | 985.9 | .. | 11.9 | 10.7 | 9.3 | 11.7 | 86 | .. | 3.8 | .. | 5.1 | 0 | 1 | 12 | 03 | 1 | 0 | 1 | 1 | 0 | 1 | 6 | 15 | 0 |
| | 1730 | 249 | 1012.5 | 984.1 | .. | 22.3 | 16.0 | 10.7 | 12.9 | 47 | .. | 4.7 | .. | 12.5 | 0 | 1 | 27 | 01 | 1 | 1 | 2 | 1 | 2 | 9 | 11 | 0 | 0 |
| Ludhiana | 0830 | 247 | 1015.0 | 985.9 | -0.3 | 13.6 | 11.9 | 10.3 | 12.5 | 81 | + 3 | 3.2 | +0.5 | 2.2 | 0 | 0 | 25 | 01 | 2 | 1 | 3 | 2 | 1 | 0 | 15 | 3 | 0 |
| | 1730 | 247 | 1011.8 | 983.7 | -0.8 | 23.4 | 16.6 | 11.2 | 13.2 | 48 | + 4 | 3.8 | +1.2 | 2.2 | 0 | 0 | 25 | 00 | 3 | 0 | 3 | 1 | 2 | 3 | 13 | 3 | 0 |
| Ferozepur | 0830 | 200 | 1015.0 | 991.3 | +0.0 | 13.0 | 11.5 | 10.0 | 12.2 | 83 | + 3 | 3.0 | +0.9 | 2.0 | 0 | 0 | 18 | 03 | 3 | 0 | 0 | 5 | 0 | 0 | 7 | 10 | 0 |
| | 1730 | 200 | 1011.6 | 988.6 | -1.3 | 22.5 | 15.6 | 9.6 | 11.5 | 46 | + 3 | 3.0 | +1.1 | 3.0 | 0 | 0 | 21 | 07 | 6 | 0 | 1 | 0 | 0 | 0 | 7 | 7 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 1015.2 | 986.6 | .. | 13.9 | 11.7 | 10.4 | 12.6 | 84 | .. | 3.4 | .. | 2.9 | 0 | 0 | 17 | 05 | 0 | 0 | 1 | 4 | 1 | 1 | 5 | 11 | 0 |
| | 1730 | 242 | 1012.3 | 985.0 | .. | 22.1 | 15.9 | 11.3 | 13.4 | 53 | .. | 3.9 | .. | 6.2 | 0 | 1 | 23 | 02 | 1 | 0 | 2 | 3 | 1 | 8 | 7 | 4 | 0 |
| Chandigarh | 0830 | 347 | 1013.4 | 972.4 | -1.2 | 16.0 | 12.2 | 8.4 | 11.0 | 63 | - 3 | 2.4 | +0.9 | 3.0 | 0 | 0 | 24 | 00 | 4 | 0 | 14 | 0 | 2 | 0 | 4 | 4 | 0 |
| | 1730 | 347 | 1011.6 | 971.6 | -0.4 | 23.0 | 15.9 | 7.9 | 10.4 | 39 | - 4 | 3.4 | +2.4 | 4.4 | 0 | 0 | 23 | 00 | 0 | 0 | 16 | 0 | 2 | 0 | 5 | 5 | 0 |
| Ambala | 0830 | 272 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 272 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (P.B.O.) | 0230 | 278 | 1013.5 | 980.9 | .. | 15.4 | 13.6 | 12.4 | 14.4 | 82 | .. | 3.1 | .. | 6.6 | 0 | 1 | 17 | 00 | 0 | 2 | 3 | 0 | 0 | 1 | 12 | 10 | 0 |
| | 0530 | 278 | 1012.8 | 980.2 | .. | 14.4 | 12.7 | 11.5 | 13.6 | 83 | .. | 3.1 | .. | 5.1 | 0 | 1 | 13 | 00 | 1 | 1 | 2 | 0 | 0 | 0 | 10 | 14 | 0 |
| | 1130 | 278 | 1014.7 | 982.7 | .. | 21.5 | 17.6 | 15.5 | 17.6 | 69 | .. | 4.0 | .. | 9.9 | 0 | 6 | 16 | 00 | 0 | 1 | 10 | 0 | 0 | 0 | 11 | 6 | 0 |
| | 1430 | 278 | 1011.8 | 980.2 | .. | 24.2 | 19.0 | 15.6 | 17.7 | 59 | .. | 3.8 | .. | 11.6 | 0 | 4 | 23 | 01 | 1 | 0 | 6 | 1 | 2 | 3 | 13 | 1 | 0 |
| | 2030 | 278 | 1013.0 | 980.9 | .. | 19.3 | 16.3 | 14.7 | 16.7 | 75 | .. | 2.8 | .. | 7.1 | 0 | 3 | 17 | 01 | 0 | 0 | 3 | 0 | 4 | 3 | 9 | 8 | 0 |
| | 2330 | 278 | 1013.9 | 981.5 | .. | 17.1 | 14.9 | 13.7 | 15.7 | 81 | .. | 2.0 | .. | 7.2 | 0 | 1 | 17 | 00 | 0 | 1 | 2 | 0 | 3 | 0 | 12 | 10 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1012.9 | 980.5 | .. | 12.0 | 10.7 | 9.4 | 11.7 | 85 | .. | 2.8 | .. | 6.1 | 0 | 1 | 11 | 00 | 0 | 3 | 1 | 0 | 0 | 5 | 3 | 16 | 0 |
| | 0830 | 274 | 1014.6 | 982.3 | .. | 13.7 | 11.8 | 9.9 | 12.2 | 79 | .. | 3.4 | .. | 8.9 | 0 | 5 | 16 | 01 | 0 | 3 | 4 | 1 | 0 | 7 | 3 | 7 | 2 |
| | 1130 | 274 | 1014.4 | 983.0 | .. | 21.8 | 15.3 | 9.6 | 11.9 | 47 | .. | 3.7 | .. | 14.0 | 0 | 9 | 15 | 01 | 0 | 3 | 6 | 1 | 0 | 5 | 8 | 4 | 0 |
| | 1730 | 274 | 1011.4 | 980.2 | .. | 23.0 | 15.7 | 9.2 | 11.6 | 44 | .. | 3.7 | .. | 13.9 | 0 | 8 | 16 | 00 | 0 | 2 | 1 | 1 | 1 | 16 | 2 | 4 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| PUNJAB (INCLUDING DELHI) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Patiala | 2330 | 274 | 1014.0 | 982.0 | .. | 15.6 | 13.3 | 11.0 | 13.0 | 72 | .. | 2.9 | .. | 7.0 | 0 | 3 | 10 | 00 | 2 | 1 | 0 | 0 | 3 | 4 | 3 | 15 | 0 |
| | 0830 | 251 | 1014.6 | 985.8 | +0.3 | 15.8 | 13.7 | 11.9 | 13.9 | 78 | + 9 | 3.4 | +0.8 | 4.7 | 0 | 0 | 17 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 14 | 11 | 0 |
| | 1730 | 251 | 1012.3 | 984.1 | +0.5 | 22.6 | 17.7 | 14.2 | 16.2 | 60 | +19 | 3.5 | +0.7 | 8.0 | 0 | 2 | 15 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 14 | 11 | 0 |
| Bhatinda | 0830 | 211 | 1015.6 | 990.9 | .. | 17.5 | 13.8 | 10.8 | 12.9 | 63 | - 6 | 1.8 | +0.4 | 1.7 | 0 | 0 | 17 | 01 | 1 | 1 | 4 | 0 | 3 | 0 | 7 | 11 | 0 |
| | 1730 | 211 | 1012.0 | 987.8 | .. | 22.9 | 16.3 | 10.6 | 12.8 | 49 | + 3 | 2.9 | +1.5 | 1.2 | 0 | 0 | 14 | 00 | 3 | 1 | 1 | 0 | 0 | 0 | 9 | 14 | 0 |
| Karnal | 0830 | 249 | 1016.2 | 987.0 | +1.6 | 15.1 | 12.1 | 8.8 | 11.3 | 67 | - 6 | 0.4 | -1.8 | .. | 0 | 0 | 26 | 00 | 0 | 0 | 2 | 0 | 2 | 1 | 21 | 2 | 0 |
| | 1730 | 249 | 1012.0 | 983.6 | +0.0 | 23.5 | 16.1 | 10.0 | 12.3 | 45 | + 7 | 0.1 | -2.1 | .. | 0 | 0 | 17 | 00 | 0 | 0 | 1 | 0 | 1 | 1 | 14 | 11 | 0 |
| Hissar | 0530 | 221 | 1014.2 | 987.8 | .. | 13.8 | 12.1 | 10.8 | 12.9 | 84 | .. | 2.6 | .. | 3.4 | 0 | 0 | 20 | 00 | 1 | 3 | 3 | 2 | 3 | 6 | 2 | 8 | 0 |
| | 0830 | 221 | 1015.4 | 989.2 | -0.2 | 14.2 | 12.3 | 10.7 | 12.9 | 80 | +10 | 3.4 | +1.5 | 3.9 | 0 | 0 | 25 | 01 | 1 | 4 | 3 | 2 | 7 | 6 | 1 | 3 | 0 |
| | 1130 | 221 | 1015.7 | 990.3 | .. | 22.0 | 17.2 | 13.6 | 15.6 | 60 | .. | 3.3 | .. | 5.1 | 0 | 0 | 26 | 02 | 0 | 0 | 6 | 1 | 6 | 4 | 7 | 2 | 0 |
| | 1730 | 221 | 1011.9 | 986.9 | -0.4 | 25.4 | 18.6 | 13.6 | 15.6 | 50 | +13 | 3.3 | +1.4 | 4.7 | 0 | 0 | 22 | 05 | 0 | 2 | 0 | 1 | 3 | 7 | 4 | 6 | 0 |
| | 2330 | 221 | 1014.7 | 988.4 | .. | 16.8 | 14.4 | 12.3 | 14.3 | 75 | .. | 2.5 | .. | 3.6 | 0 | 0 | 20 | 01 | 0 | 4 | 3 | 1 | 2 | 4 | 5 | 8 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1013.9 | 988.4 | .. | 15.2 | 12.8 | 10.6 | 12.8 | 75 | .. | 2.0 | .. | 5.1 | 0 | 1 | 16 | 03 | 2 | 0 | 0 | 1 | 1 | 2 | 8 | 11 | 0 |
| | 0530 | 216 | 1013.3 | 987.8 | .. | 14.1 | 12.0 | 9.9 | 12.2 | 77 | .. | 2.4 | .. | 4.3 | 0 | 0 | 20 | 01 | 0 | 3 | 2 | 0 | 3 | 3 | 8 | 8 | 0 |
| | 0830 | 216 | 1015.1 | 989.6 | -0.1 | 15.0 | 12.4 | 9.9 | 12.2 | 73 | +14 | 3.2 | +0.7 | 7.4 | 0 | 2 | 21 | 01 | 1 | 3 | 0 | 1 | 1 | 7 | 9 | 5 | 0 |
| | 1130 | 216 | 1015.2 | 990.3 | .. | 22.4 | 16.0 | 10.6 | 12.8 | 49 | .. | 3.3 | .. | 12.2 | 0 | 5 | 20 | 03 | 0 | 2 | 2 | 1 | 1 | 5 | 11 | 3 | 0 |
| | 1430 | 216 | 1012.4 | 987.9 | .. | 25.2 | 16.7 | 9.9 | 12.2 | 40 | .. | 3.7 | .. | 14.3 | 0 | 8 | 19 | 04 | 4 | 0 | 1 | 1 | 1 | 3 | 13 | 1 | 0 |
| | 1730 | 216 | 1011.7 | 987.1 | -0.2 | 24.7 | 16.7 | 9.3 | 11.7 | 40 | +12 | 3.4 | +0.8 | 11.1 | 0 | 4 | 24 | 07 | 1 | 3 | 1 | 0 | 1 | 1 | 14 | 0 | 0 |
| | 2030 | 216 | 1013.3 | 988.2 | .. | 19.5 | 14.9 | 11.1 | 13.2 | 59 | .. | 2.5 | .. | 5.9 | 0 | 1 | 18 | 04 | 0 | 0 | 3 | 0 | 1 | 2 | 9 | 9 | 0 |
| | 2330 | 216 | 1014.1 | 988.8 | .. | 17.1 | 13.9 | 11.1 | 13.2 | 69 | .. | 2.3 | .. | 8.0 | 1 | 2 | 16 | 04 | 0 | 0 | 3 | 0 | 2 | 0 | 10 | 9 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1014.1 | 986.7 | .. | 14.4 | 12.1 | 9.6 | 11.9 | 74 | .. | 2.0 | .. | 5.4 | 0 | 1 | 19 | 02 | 3 | 1 | 3 | 1 | 6 | 2 | 2 | 8 | 0 |
| | 0530 | 233 | 1013.6 | 986.1 | .. | 13.5 | 11.4 | 9.5 | 11.8 | 79 | .. | 2.1 | .. | 6.0 | 0 | 1 | 19 | 01 | 3 | 2 | 2 | 2 | 4 | 5 | 1 | 8 | 0 |
| | 0830 | 233 | 1015.2 | 987.8 | .. | 14.2 | 11.9 | 9.7 | 12.0 | 75 | .. | 3.1 | .. | 8.0 | 0 | 1 | 20 | 00 | 1 | 2 | 3 | 0 | 6 | 5 | 4 | 7 | 0 |
| | 1130 | 233 | 1015.4 | 988.7 | .. | 22.1 | 15.6 | 9.9 | 12.2 | 49 | .. | 3.3 | .. | 1.3 | 0 | 4 | 21 | 00 | 0 | 2 | 2 | 2 | 1 | 6 | 12 | 3 | 0 |
| | 1430 | 233 | 1012.7 | 986.2 | .. | 25.4 | 16.4 | 8.5 | 11.1 | 37 | .. | 3.4 | .. | 1.7 | 0 | 8 | 19 | 02 | 1 | 2 | 2 | 1 | 1 | 9 | 9 | 1 | 0 |
| | 1730 | 233 | 1012.0 | 985.5 | .. | 24.4 | 16.1 | 8.6 | 11.2 | 39 | .. | 3.2 | .. | 11.6 | 0 | 5 | 18 | 02 | 2 | 2 | 1 | 0 | 1 | 3 | 12 | 5 | 0 |
| | 2030 | 233 | 1013.5 | 986.5 | .. | 19.2 | 14.8 | 11.1 | 13.2 | 60 | .. | 2.8 | .. | 5.2 | 0 | 0 | 18 | 03 | 0 | 2 | 2 | 2 | 1 | 3 | 5 | 10 | 0 |
| | 2330 | 233 | 1014.2 | 987.0 | .. | 16.7 | 13.3 | 10.2 | 12.4 | 66 | .. | 2.2 | .. | 5.6 | 0 | 1 | 16 | 02 | 1 | 1 | 5 | 1 | 1 | 3 | 3 | 11 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1016.7 | 928.8 | +0.1 | 10.1 | 8.1 | 6.1 | 9.4 | 77 | -12 | 4.2 | +1.0 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 761 | 1011.8 | 926.7 | +1.2 | 20.6 | 13.1 | 6.2 | 9.5 | 45 | - 4 | 4.7 | +1.8 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| Bilaspur | 0830 | 587 | 1016.2 | 948.1 | .. | 12.2 | 9.4 | 6.6 | 9.7 | 70 | -19 | 2.0 | -2.5 | 0.9 | 0 | 0 | 8 | 02 | 0 | 4 | 0 | 2 | 0 | 0 | 0 | 20 | 0 |
| | 1730 | 587 | 1010.9 | 945.5 | .. | 22.1 | 15.0 | 9.3 | 11.7 | 48 | + 6 | 4.0 | +0.7 | 2.3 | 0 | 0 | 20 | 00 | 1 | 3 | 0 | 5 | 1 | 5 | 5 | 8 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3119.8 | 665.7 | .. | - 7.5 | - 9.5 | -14.8 | 1.7 | 53 | .. | 5.5[f] | .. | 4.3 | 0 | 0 | 19 | 04 | 8 | 0 | 0 | 1 | 6 | 0 | 0 | 9 | 0 |
| | 0830 | 3514 | 3121.5 | 666.6 | +2.0 | - 4.2 | - 6.5 | -11.5 | 2.3 | 53 | - 6 | 4.9[f] | +0.1 | 2.3 | 0 | 0 | 16 | 00 | 1 | 0 | 0 | 6 | 9 | 0 | 0 | 12 | 0 |
| | 1730 | 3514 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5.1[k] | +0.5[k] | 5.5 | 0 | 0 | 20 | 00 | 3 | 0 | 0 | 0 | 15 | 0 | 2 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1541.7 | 845.4 | +1.2 | 2.0 | 1.6 | 0.9 | 6.6 | 93 | + 6 | 7.2 | +0.9 | 1.7 | 0 | 0 | 16 | 02 | 1 | 2 | 6 | 2 | 1 | 0 | 2 | 12 | 0 |
| | 1130 | 1587 | 1548.5 | 846.2 | .. | 5.5 | 3.8 | 2.1 | 6.9 | 81 | .. | 7.0 | .. | 3.3 | 0 | 0 | 18 | 01 | 1 | 2 | 5 | 1 | 0 | 1 | 7 | 10 | 0 |
| | 1430 | 1587 | 1530.7 | 844.3 | .. | 7.2 | 4.8 | 2.0 | 7.1 | 72 | .. | 6.7 | .. | 3.8 | 0 | 0 | 24 | 02 | 2 | 1 | 4 | 2 | 0 | 0 | 13 | 4 | 0 |
| | 1730 | 1587 | 1525.0 | 843.8 | +1.6 | 6.5 | 4.6 | 2.0 | 7.1 | 73 | + 4 | 6.6 | +1.0 | 3.1 | 0 | 0 | 22 | 05 | 3 | 3 | 6 | 2 | 1 | 0 | 2 | 6 | 0 |
| | 2030 | 1587 | 1532.4 | 844.4 | .. | 4.6 | 3.4 | 2.1 | 7.1 | 85 | .. | 6.0 | .. | 2.1 | 0 | 1 | 10 | 02 | 0 | 0 | 5 | 0 | 0 | 0 | 4 | 17 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1528.7 | 836.2 | .. | 1.5 | 0.9 | 0.1 | 6.1 | 91 | .. | 6.5[f] | .. | 1.8 | 0 | 0 | 9 | 00 | 0 | 4 | 1 | 2 | 0 | 0 | 2 | 19 | 0 |
| | 0830 | 1666 | 1536.8 | 837.0 | .. | 1.6 | 1.0 | 0.1 | 6.1 | 91 | .. | 7.2[f] | .. | 1.7 | 0 | 0 | 10 | 01 | 0 | 2 | 3 | 0 | 0 | 0 | 4 | 18 | 0 |
| | 1130 | 1666 | 1544.7 | 837.9 | .. | 4.7 | 3.2 | 1.4 | 6.7 | 80 | .. | 6.6[f] | .. | 4.1 | 0 | 0 | 15 | 00 | 5 | 1 | 2 | 0 | 0 | 1 | 6 | 13 | 0 |
| | 1730 | 1666 | 1523.5 | 835.9 | .. | 6.3 | 4.4 | 2.2 | 7.2 | 77 | .. | 6.2 | .. | 2.3 | 0 | 0 | 12 | 01 | 2 | 3 | 2 | 0 | 0 | 0 | 4 | 16 | 0 |
| | 2330 | 1666 | 1534.6 | 836.8 | .. | 3.1 | 2.3 | 1.3 | 6.7 | 88 | .. | 5.7 | .. | 3.5 | 0 | 0 | 11 | 02 | 1 | 0 | 2 | 0 | 0 | 2 | 4 | 17 | 0 |
| Gulmarg | 0830 | 2655 | Closed during winter months. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2655 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 1.7 | 0.9 | - 0.1 | 6.0 | 89 | .. | 6.9 | .. | 0.7 | 0 | 0 | 8 | 00 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 20 | 0 |
| | 1730 | 1690 | .. | .. | .. | 5.9 | 3.7 | 1.1 | 6.6 | 74 | .. | 6.4 | .. | 1.6 | 0 | 0 | 15 | 00 | 1 | 2 | 5 | 1 | 1 | 5 | 0 | 13 | 0 |
| Banihal | 0830 | | .. | .. | .. | 4.7 | 2.7 | 0.1 | 6.5 | 74 | .. | 5.1 | .. | 4.9 | 0 | 3 | 3 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 0 |
| | 1730 | | .. | .. | .. | 8.8 | 5.0 | 0.5 | 6.3 | 60 | .. | 5.7 | .. | 8.0 | 0 | 1 | 18 | 00 | 0 | 1 | 3 | 1 | 1 | 0 | 13 | 9 | 0 |
| Jammu | 0830 | 366 | .. | .. | .. | 14.0 | 10.8 | 7.3 | 10.4 | 65 | + 1 | 4.7 | +1.4 | 8.2 | 0 | 0 | 27 | 04 | 8 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 11 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA) .

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu (Aerodrome) | 1730 | 366 | .. | .. | .. | 20.3 | 14.4 | 8.8 | 11.5 | 52 | .. | 3.8 | .. | 7.3 | 0 | 1 | 26 | 01 | 3 | 0 | 0 | 0 | 3 | 1 | 4 | 1 | 15 |
| | 0530 | 292 | 1014.1 | 979.4 | .. | 13.6 | 10.7 | 7.5 | 10.4 | 69 | .. | 4.1 | .. | 9.6 | 0 | 2 | 22 | 02 | 14 | 5 | 1 | 0 | 0 | 0 | 2 | 4 | 0 |
| | 0830 | 292 | 1015.3 | 980.8 | .. | 14.3 | 11.0 | 7.4 | 10.3 | 65 | .. | 5.1 | .. | 8.1 | 0 | 0 | 23 | 00 | 14 | 2 | 1 | 1 | 1 | 3 | 1 | 5 | 0 |
| | 1130 | 292 | 1015.5 | 981.6 | .. | 19.4 | 13.4 | 7.6 | 10.4 | 50 | .. | 5.0 | .. | 9.9 | 0 | 6 | 13 | 01 | 7 | 0 | 0 | 5 | 1 | 2 | 3 | 9 | 0 |
| | 1730 | 292 | 1012.5 | 978.8 | .. | 21.0 | 14.2 | 7.7 | 10.5 | 46 | .. | 4.8 | .. | 10.1 | 0 | 3 | 17 | 02 | 6 | 0 | 1 | 1 | 0 | 8 | 2 | 8 | 0 |
| | 2330 | 292 | 1015.1 | 980.4 | .. | 15.2 | 12.1 | 9.2 | 11.6 | 69 | .. | 4.1 | .. | 5.1 | 0 | 0 | 16 | 01 | 11 | 2 | 2 | 0 | 0 | 0 | 0 | 12 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1013.6 | 992.6 | .. | 13.0 | 11.1 | 9.3 | 11.7 | 80 | .. | 1.7 | .. | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 177 | 1015.2 | 994.5 | +0.0 | 13.6 | 10.9 | 8.2 | 10.9 | 70 | - 4 | 2.2 | -0.1 | 0.6 | 0 | 0 | 3 | 00 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | 177 | 1015.2 | 995.0 | .. | 21.8 | 15.3 | 9.0 | 11.5 | 48 | .. | 3.5 | .. | 3.0 | 0 | 0 | 12 | 02 | 3 | 1 | 2 | 1 | 1 | 0 | 2 | 16 | 0 |
| | 1730 | 177 | 1011.9 | 991.7 | -0.6 | 24.5 | 15.9 | 8.1 | 10.8 | 39 | + 2 | 2.7 | +0.6 | 1.2 | 0 | 0 | 7 | 01 | 0 | 0 | 2 | 0 | 1 | 0 | 3 | 21 | 0 |
| | 2330 | 177 | 1014.6 | 993.5 | .. | 16.6 | 13.4 | 10.4 | 12.6 | 68 | .. | 1.7 | .. | 0.6 | 0 | 0 | 4 | 01 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Anupgarh | 0830 | 154 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 154 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahajan | 0830 | 187 | 1014.5 | 992.3 | .. | 15.6 | 13.8 | 12.3 | 14.3 | 81 | .. | 0.9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 187 | 1010.2 | 988.8 | .. | 25.2 | 20.0 | 16.4 | 18.6 | 61 | .. | 0.3 | .. | 5.6 | 0 | 0 | 19 | 01 | 2 | 0 | 6 | 0 | 4 | 2 | 4 | 0 | 0 |
| Churu | 0830 | 291 | 1011.6 | 977.5 | -4.1 | 14.5 | 10.7 | 5.7 | 9.0 | 60 | - 2 | 2.6 | +1.2 | 2.0 | 0 | 0 | 13 | 00 | 0 | 3 | 1 | 6 | 1 | 2 | 0 | 15 | 0 |
| | 1730 | 291 | 1007.5 | 974.9 | -4.1 | 26.0 | 14.5 | 1.0 | 6.5 | 23 | -10 | 2.6 | +0.6 | 10.0 | 0 | 4 | 24 | 11 | 2 | 1 | 1 | 0 | 1 | 5 | 7 | 0 | 0 |
| Bikaner | 0830 | 224 | 1015.7 | 989.0 | +0.0 | 15.1 | 11.1 | 6.3 | 9.5 | 59 | + 3 | 1.4 | +0.0 | 3.1 | 0 | 0 | 18 | 02 | 1 | 2 | 2 | 3 | 4 | 1 | 3 | 10 | 0 |
| | 1730 | 224 | 1012.3 | 987.2 | +1.0 | 26.4 | 15.6 | 5.0 | 9.0 | 30 | + 0 | 1.7 | +0.2 | 6.4 | 0 | 0 | 28 | 07 | 2 | 0 | 0 | 1 | 6 | 3 | 9 | 0 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1013.6 | 987.2 | .. | 14.0 | 10.8 | 7.0 | 10.0 | 67 | .. | 2.5 | .. | 0.6 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 25 | 0 |
| | 1130 | 224 | 1015.3 | 989.3 | .. | 24.4 | 15.3 | 6.0 | 9.3 | 37 | .. | 2.2 | .. | 4.1 | 0 | 0 | 22 | 02 | 4 | 2 | 5 | 3 | 3 | 2 | 0 | 6 | 1 |
| | 2330 | 224 | 1014.5 | 988.3 | .. | 17.5 | 12.8 | 8.1 | 10.7 | 57 | .. | 1.8 | .. | 3.1 | 0 | 0 | 11 | 00 | 3 | 0 | 0 | 2 | 1 | 1 | 0 | 17 | 4 |
| Nagaur | 0830 | 298 | 1015.3 | 981.0 | -0.4 | 21.2 | 14.9 | 8.6 | 11.1 | 44 | - 2 | 2.4 | +1.1 | 5.0 | 0 | 0 | 27 | 03 | 3 | 4 | 6 | 6 | 5 | 0 | 0 | 1 | 0 |
| | 1730 | 298 | 1010.7 | 977.1 | -1.1 | 27.5 | 18.4 | 11.2 | 13.2 | 40 | +12 | 2.0 | +0.3 | 7.0 | 0 | 0 | 28 | 07 | 2 | 1 | 1 | 2 | 4 | 5 | 6 | 0 | 0 |
| Phalodi | 0830 | 234 | 1015.0 | 987.6 | -0.5 | 16.1 | 11.8 | 6.9 | 9.9 | 58 | + 4 | 2.6 | +0.8 | 5.1 | 0 | 0 | 25 | 03 | 1 | 3 | 5 | 10 | 2 | 0 | 1 | 3 | 0 |
| | 1730 | 234 | 1012.4 | 986.4 | +0.5 | 28.0 | 16.9 | 6.5 | 9.7 | 30 | - 8 | 2.8 | +0.6 | 10.5 | 0 | 1 | 27 | 06 | 3 | 1 | 1 | 3 | 6 | 5 | 3 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1014.2 | 986.1 | -0.7 | 16.4 | 10.0 | 1.8 | 6.9 | 39 | -17 | 3.1 | +1.9 | 6.7 | 0 | 1 | 21 | 04 | 4 | 1 | 2 | 7 | 2 | 2 | 0 | 6 | 0 |
| | 1730 | 242 | 1010.5 | 983.5 | -0.5 | 27.2 | 18.5 | 12.3 | 14.3 | 41 | + 2 | 3.3 | +1.9 | 9.7 | 0 | 1 | 26 | 06 | 4 | 0 | 0 | 7 | 7 | 2 | 1 | 1 | 0 |
| Jodhpur | 0230 | 224 | 1013.5 | 987.6 | .. | 20.6 | 12.8 | 4.0 | 8.1 | 35 | .. | 2.1 | .. | 11.4 | 0 | 2 | 26 | 05 | 15 | 1 | 0 | 0 | 2 | 3 | 1 | 0 | 1 |
| | 0530 | 224 | 1013.4 | 987.4 | .. | 19.6 | 12.9 | 5.7 | 9.1 | 43 | .. | 2.1 | .. | 10.6 | 0 | 1 | 25 | 04 | 18 | 1 | 0 | 0 | 1 | 1 | 1 | 2 | 0 |
| | 0830 | 224 | 1015.2 | 989.0 | +0.0 | 16.9 | 11.8 | 6.0 | 9.3 | 51 | + 7 | 2.4 | +0.5 | 8.5 | 0 | 0 | 26 | 03 | 18 | 1 | 1 | 1 | 1 | 1 | 0 | 2 | 0 |
| | 1130 | 224 | 1015.1 | 989.5 | .. | 24.7 | 15.5 | 6.5 | 9.7 | 34 | .. | 2.5 | .. | 12.2 | 0 | 4 | 23 | 00 | 7 | 8 | 2 | 4 | 5 | 1 | 0 | 1 | 0 |
| | 1430 | 224 | 1012.1 | 986.9 | .. | 27.5 | 15.9 | 4.2 | 8.2 | 23 | .. | 2.9 | .. | 14.4 | 0 | 4 | 24 | 04 | 2 | 5 | 3 | 0 | 7 | 3 | 3 | 0 | 1 |
| | 1730 | 224 | 1011.2 | 986.1 | +0.1 | 29.3 | 17.2 | 6.2 | 9.5 | 26 | + 6 | 2.8 | +0.5 | 11.9 | 0 | 2 | 25 | 02 | 8 | 2 | 1 | 0 | 7 | 4 | 3 | 1 | 0 |
| | 2030 | 224 | 1012.8 | 987.3 | .. | 25.1 | 15.1 | 5.2 | 8.5 | 30 | .. | 3.0 | .. | 11.4 | 0 | 2 | 24 | 05 | 8 | 2 | 0 | 1 | 4 | 3 | 3 | 2 | 0 |
| | 2330 | 224 | 1013.6 | 988.0 | .. | 22.7 | 13.9 | 4.5 | 8.4 | 33 | .. | 2.5 | .. | 12.0 | 0 | 3 | 25 | 04 | 14 | 1 | 0 | 1 | 3 | 4 | 1 | 0 | 0 |
| Barmer | 0530 | 194 | 1012.1 | 989.4 | .. | 18.2 | 13.4 | 9.0 | 11.4 | 56 | .. | 1.9 | .. | 4.6 | 0 | 0 | 24 | 04 | 1 | 2 | 0 | 0 | 3 | 3 | 11 | 4 | 0 |
| | 0830 | 194 | 1013.8 | 991.1 | -1.0 | 17.3 | 13.1 | 9.0 | 11.4 | 60 | +10 | 2.5 | +0.9 | 2.7 | 0 | 0 | 17 | 03 | 0 | 0 | 1 | 0 | 2 | 1 | 10 | 11 | 0 |
| | 1130 | 194 | 1014.2 | 992.1 | .. | 26.2 | 18.4 | 12.3 | 14.3 | 44 | .. | 2.5 | .. | 4.5 | 0 | 0 | 24 | 01 | 8 | 4 | 2 | 2 | 4 | 1 | 2 | 4 | 0 |
| | 1730 | 194 | 1010.2 | 988.5 | -0.8 | 29.7 | 19.8 | 12.6 | 14.5 | 37 | + 9 | 2.8 | +1.1 | 4.6 | 0 | 0 | 24 | 05 | 5 | 1 | 2 | 1 | 3 | 3 | 4 | 4 | 0 |
| | 2330 | 194 | 1012.7 | 990.4 | .. | 22.4 | 16.3 | 11.2 | 13.2 | 51 | .. | 1.2 | .. | 3.6 | 0 | 0 | 21 | 03 | 1 | 0 | 0 | 1 | 4 | 4 | 8 | 7 | 0 |
| Erinpura (Jawai Dam) | 0830 | 295 | 1014.3 | 980.3 | +0.0 | 17.0 | 13.5 | 10.5 | 12.7 | 67 | + 6 | 1.7 | +0.5 | 2.3 | 0 | 0 | 19 | 00 | 3 | 1 | 4 | 7 | 2 | 2 | 0 | 9 | 0 |
| **RAJASTHAN, EAST** | 1730 | 295 | 1010.4 | 977.4 | -0.4 | 27.9 | 20.7 | 16.8 | 19.1 | 52 | +19 | 1.5 | +0.3 | 2.5 | 0 | 0 | 14 | 01 | 3 | 0 | 0 | 3 | 4 | 3 | 0 | 14 | 0 |
| Pilani | 0830 | 301 | 1016.0 | 980.6 | -1.1 | 14.5 | 11.2 | 7.1 | 10.1 | 65 | +11 | 2.6 | +1.6 | 5.1 | 0 | 0 | 22 | 01 | 0 | 1 | 2 | 5 | 6 | 6 | 1 | 6 | 0 |
| Sikar | 1730 | 301 | 1012.0 | 978.2 | -0.4 | 25.9 | 15.6 | 5.3 | 8.9 | 30 | + 3 | 2.8 | +1.3 | 11.6 | 0 | 4 | 23 | 04 | 2 | 1 | 1 | 1 | 2 | 7 | 9 | 1 | 0 |
| | 0830 | 433 | 1015.5 | 965.5 | +0.4 | 15.5 | 11.3 | 6.7 | 9.8 | 55 | -12 | 1.4 | -0.1 | 0.3 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 24 | 0 |
| Alwar | 1730 | 433 | 1011.5 | 963.3 | -0.2 | 26.1 | 15.5 | 4.5 | 8.4 | 28 | -17 | 1.4 | -0.6 | 1.4 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 0 | 1 | 7 | 5 | 15 | 0 |
| | 0830 | 271 | 1014.9 | 983.2 | -0.3 | 16.2 | 13.9 | 12.0 | 14.0 | 75 | + 6 | 3.0 | +1.6 | 1.0 | 0 | 0 | 7 | 01 | 0 | 1 | 1 | 2 | 0 | 2 | 0 | 21 | 0 |
| Jaipur (Sanganer) | 1730 | 271 | 1011.8 | 981.3 | +0.2 | 26.1 | 19.3 | 14.5 | 16.5 | 50 | +19 | 3.0 | +1.3 | 1.4 | 0 | 0 | 17 | 04 | 6 | 0 | 0 | 1 | 0 | 2 | 4 | 11 | 0 |
| | 0230 | 390 | 1013.3 | 968.2 | .. | 16.6 | 11.8 | 6.5 | 9.6 | 54 | .. | 2.0 | .. | 0.4 | 0 | 0 | 18 | 06 | 8 | 1 | 1 | 0 | 1 | 0 | 1 | 10 | 0 |
| | 0530 | 390 | 1013.2 | 967.9 | .. | 15.0 | 11.2 | 7.0 | 10.0 | 58 | .. | 1.9 | .. | 3.3 | 0 | 0 | 17 | 09 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| | 0830 | 390 | 1014.9 | 969.8 | -0.3 | 16.9 | 12.2 | 7.0 | 10.0 | 55 | + 6 | 2.2 | +0.5 | 2.8 | 0 | 0 | 18 | 04 | 3 | 6 | 2 | 0 | 0 | 1 | 2 | 10 | 0 |
| | 1130 | 390 | 1014.4 | 970.4 | .. | 24.7 | 15.0 | 5.4 | 8.9 | 31 | .. | 2.7 | .. | .. | 0 | 0 | 25 | 03 | 1 | 4 | 4 | 1 | 2 | 3 | 7 | 3 | 0 |
| | 1430 | 390 | 1011.2 | 967.7 | .. | 27.2 | 15.7 | 3.8 | 8.0 | 25 | .. | 2.7 | .. | 8.1 | 0 | 2 | 26 | 03 | 0 | 2 | 2 | 2 | 4 | 4 | 11 | 0 | 0 |
| | 1730 | 390 | 1010.5 | 967.0 | -0.5 | 26.7 | 15.5 | 3.7 | 7.9 | 25 | - 3 | 2.5 | +0.3 | 6.1 | 0 | 2 | 17 | 02 | 0 | 2 | 1 | 0 | 0 | 3 | 11 | 9 | 0 |
| | 2030 | 390 | 1013.0 | 968.4 | .. | 20.1 | 13.3 | 6.2 | 9.4 | 42 | .. | 1.7 | .. | 4.3 | 0 | 0 | 20 | 07 | 4 | 3 | 0 | 0 | 0 | 1 | 5 | 8 | 0 |
| | 2330 | 390 | 1013.8 | 968.9 | .. | 18.1 | 12.4 | 6.5 | 9.6 | 48 | .. | 1.8 | .. | 4.1 | 0 | 0 | 23 | 11 | 5 | 4 | 0 | 0 | 1 | 0 | 2 | 5 | 0 |
| Dholpur | 0830 | 176 | 1014.4 | 993.7 | -0.6 | 16.3 | 12.7 | 8.7 | 11.2 | 63 | + 0 | 1.0 | -0.6 | 1.0 | 0 | 0 | 12 | 02 | 0 | 0 | 1 | 2 | 0 | 4 | 3 | 16 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of near-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (oktas) Mean amount | Cloud Amount (oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km. p.h.) 62 or more | Wind Speed (Km. p.h.) 20 to 61 | Wind Speed (Km. p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur (Contd.) | 1730 | 176 | 1011.0 | 991.0 | -0.3 | 26.5 | 17.2 | 9.1 | 11.5 | 36 | - 5 | 2.0 | -0.4 | 1.0 | 0 | 1 | 7 | 06 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| Ajmer | 0830 | 486 | 1015.8 | 959.7 | +0.1 | 15.5 | 11.0 | 6.7 | 9.8 | 57 | + 4 | 2.5 | +0.8 | 1.7 | 0 | 0 | 10 | 02 | 3 | 2 | 0 | 1 | 1 | 1 | 0 | 18 | 0 |
| | 1730 | 486 | 1010.9 | 957.1 | +0.2 | 26.3 | 14.5 | 3.0 | 7.6 | 25 | + 0 | 3.1 | +1.0 | 3.4 | 0 | 0 | 22 | 03 | 2 | 1 | 1 | 1 | 3 | 6 | 5 | 6 | 0 |
| Tonk | 0830 | 272 | 1014.7 | 982.9 | -0.7 | 16.4 | 12.5 | 8.6 | 11.2 | 61 | - 5 | 1.5 | +0.4 | 6.8 | 0 | 0 | 28 | 01 | 1 | 0 | 3 | 2 | 3 | 4 | 14 | 0 | 0 |
| | 1730 | 272 | 1009.5 | 979.1 | -0.9 | 28.0 | 19.1 | 12.5 | 14.6 | 41 | + 7 | 2.2 | +0.6 | 7.4 | 0 | 0 | 28 | 02 | 1 | 1 | 2 | 1 | 1 | 8 | 12 | 0 | 0 |
| Bhilwara | 0830 | 425 | 1015.8 | 966.8 | .. | 16.9 | 11.4 | 5.1 | 8.7 | 47 | .. | 2.0 | .. | 5.0 | 0 | 0 | 15 | 00 | 8 | 0 | 0 | 0 | 3 | 2 | 2 | 9 | 0 |
| | 1730 | 425 | 1010.7 | 963.9 | .. | 28.5 | 15.6 | 2.0 | 7.0 | 19 | .. | 2.0 | .. | 4.0 | 0 | 1 | 16 | 02 | 7 | 1 | 0 | 0 | 4 | 1 | 2 | 8 | 0 |
| Kota | 0830 | 257 | 1015.3 | 985.4 | -0.1 | 18.3 | 13.0 | 7.9 | 10.6 | 52 | + 1 | 1.5 | -0.1 | .. | 0 | 0 | 8 | 02 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 7 | 0 |
| | 1730 | 257 | 1010.3 | 981.8 | -0.4 | 28.6 | 17.2 | 7.5 | 10.4 | 27 | + 2 | 2.1 | +0.2 | .. | 0 | 0 | 9 | 03 | 2 | 0 | 0 | 0 | 1 | 2 | 1 | 5 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1013.4 | 981.6 | .. | 17.0 | 10.6 | 2.2 | 7.2 | 40 | .. | 1.5 | .. | 6.6 | 0 | 0 | 25 | 01 | 2 | 1 | 0 | 1 | 8 | 11 | 1 | 3 | 0 |
| | 0830 | 274 | 1015.3 | 983.5 | .. | 18.9 | 12.1 | 4.0 | 8.1 | 40 | .. | 1.6 | .. | 5.3 | 0 | 0 | 21 | 02 | 2 | 2 | 0 | 0 | 6 | 9 | 0 | 7 | 0 |
| | 1130 | 274 | 1015.2 | 984.6 | .. | 25.9 | 14.9 | 3.3 | 7.7 | 25 | .. | 2.1 | .. | 6.2 | 0 | 0 | 26 | 02 | 3 | 11 | 3 | 0 | 1 | 3 | 3 | 2 | 0 |
| | 1730 | 274 | 1010.7 | 980.1 | .. | 29.4 | 15.3 | - 0.5 | 5.9 | 15 | .. | 2.0 | .. | 8.7 | 0 | 2 | 25 | 03 | 8 | 4 | 1 | 0 | 1 | 4 | 6 | 1 | 0 |
| | 2330 | 274 | 1013.6 | 982.2 | .. | 21.0 | 12.2 | 1.8 | 6.9 | 30 | .. | 0.8 | .. | 7.0 | 0 | 2 | 24 | 00 | 5 | 2 | 0 | 1 | 5 | 8 | 5 | 2 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1015.4 | 974.9 | +0.0 | 17.7 | 12.4 | 7.0 | 10.0 | 50 | - 1 | 2.0 | +1.1 | 3.0 | 0 | 1 | 8 | 00 | 6 | 0 | 0 | 1 | 0 | 0 | 2 | 19 | 0 |
| | 1730 | 351 | 1010.3 | 971.4 | -0.1 | 29.1 | 16.8 | 5.5 | 9.0 | 23 | - 4 | 2.0 | +0.8 | 9.0 | 0 | 4 | 21 | 01 | 16 | 0 | 1 | 0 | 4 | 1 | 2 | 3 | 0 |
| Udaipur | 0230 | 582 | 1014.6 | 947.9 | .. | 15.4 | 11.2 | 7.2 | 10.1 | 59 | .. | 1.0 | .. | 0.3 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 27 | 0 |
| | 0530 | 582 | 1014.5 | 947.9 | .. | 13.8 | 10.3 | 6.9 | 9.9 | 63 | .. | 1.3 | .. | 0.9 | 0 | 0 | 4 | 00 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 24 | 0 |
| | 0830 | 582 | 1015.8 | 949.4 | +0.3 | 16.4 | 11.4 | 6.8 | 8.9 | 54 | - 1 | 1.8 | +0.7 | 0.4 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 26 | 0 |
| | 1130 | 582 | 1014.3 | 949.9 | .. | 26.0 | 15.3 | 6.5 | 9.6 | 31 | .. | 1.5 | .. | 3.6 | 0 | 0 | 21 | 00 | 5 | 4 | 4 | 5 | 1 | 1 | 1 | 7 | 0 |
| | 1730 | 582 | 1010.1 | 946.4 | +0.1 | 27.9 | 15.8 | 6.0 | 9.3 | 26 | - 3 | 1.8 | +0.3 | 4.4 | 0 | 0 | 20 | 01 | 1 | 7 | 1 | 4 | 6 | 0 | 0 | 8 | 0 |
| | 2330 | 582 | 1014.6 | 948.5 | .. | 17.2 | 12.2 | 7.8 | 10.5 | 54 | .. | 0.9 | .. | 11.0 | 0 | 0 | 7 | 02 | 1 | 0 | 0 | 0 | 1 | 2 | 1 | 21 | 0 |
| Jhalawar | 0830 | 321 | 1014.9 | 977.9 | -0.1 | 18.5 | 11.7 | 4.2 | 8.2 | 40 | -12 | 1.0 | -0.1 | 1.0 | 0 | 0 | 8 | 03 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 20 | 0 |
| | 1730 | 321 | 1010.0 | 974.5 | -0.1 | 29.9 | 15.6 | 2.8 | 7.4 | 16 | -10 | 1.1 | -0.3 | 3.0 | 0 | 0 | 20 | 06 | 5 | 0 | 0 | 0 | 2 | 4 | 3 | 8 | 0 |
| Banswara | 0830 | 220 | 1011.8 | 986.3 | .. | 19.1 | 13.2 | 7.0 | 10.0 | 49 | .. | 0.3 | .. | 4.9 | 0 | 0 | 27 | 03 | 3 | 10 | 10 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 220 | 1007.4 | 983.8 | .. | 31.7 | 18.1 | 5.9 | 9.2 | 22 | .. | 0.6 | .. | 6.0 | 0 | 0 | 28 | 07 | 2 | 2 | 1 | 2 | 3 | 4 | 7 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1013.6 | 989.1 | .. | 15.3 | 11.6 | 7.2 | 10.7 | 62 | .. | 1.1 | .. | 2.9 | 0 | 0 | 12 | 02 | 0 | 1 | 1 | 3 | 2 | 0 | 3 | 16 | 0 |
| | 0530 | 207 | 1013.4 | 989.1 | .. | 14.2 | 11.0 | 7.6 | 10.6 | 67 | .. | 1.6 | .. | 3.2 | 0 | 0 | 13 | 03 | 0 | 1 | 2 | 3 | 0 | 0 | 4 | 15 | 0 |
| | 0830 | 207 | 1015.0 | 990.9 | -0.3 | 18.3 | 13.3 | 8.3 | 11.2 | 55 | + 2 | 2.0 | +0.1 | 3.4 | 0 | 1 | 14 | 00 | 1 | 0 | 3 | 3 | 0 | 1 | 7 | 13 | 0 |
| | 1130 | 207 | 1014.7 | 991.2 | .. | 26.0 | 16.2 | 6.9 | 10.5 | 33 | .. | 1.9 | .. | 9.8 | 0 | 1 | 27 | 05 | 2 | 2 | 4 | 4 | 0 | 4 | 7 | 0 | 0 |
| | 1430 | 207 | 1011.5 | 988.3 | .. | 28.7 | 16.8 | 5.6 | 9.4 | 25 | .. | 2.5 | .. | 11.0 | 0 | 3 | 25 | 07 | 1 | 3 | 1 | 1 | 1 | 6 | 8 | 0 | 0 |
| | 1730 | 207 | 1011.1 | 987.9 | -0.2 | 27.5 | 16.7 | 6.8 | 10.2 | 29 | + 1 | 2.8 | +0.6 | 7.5 | 0 | 0 | 27 | 09 | 4 | 1 | 0 | 1 | 0 | 2 | 10 | 1 | 0 |
| | 2030 | 207 | 1013.1 | 989.2 | .. | 20.4 | 14.2 | 8.4 | 10.8 | 48 | .. | 1.8 | .. | 3.0 | 0 | 0 | 14 | 06 | 4 | 1 | 0 | 0 | 1 | 0 | 2 | 14 | 0 |
| | 2330 | 207 | 1013.7 | 989.6 | .. | 17.0 | 12.6 | 8.1 | 11.0 | 58 | .. | 1.2 | .. | 2.1 | 0 | 0 | 13 | 01 | 2 | 1 | 3 | 2 | 1 | 1 | 2 | 15 | 0 |
| Sheopur | 0830 | 235 | 1015.4 | 988.0 | +0.3 | 17.3 | 12.1 | 6.6 | 9.9 | 51 | - 7 | 1.7 | -0.3 | 3.6 | 0 | 0 | 24 | 05 | 3 | 1 | 1 | 12 | 0 | 2 | 0 | 4 | 0 |
| | 1730 | 235 | 1010.8 | 984.5 | +0.6 | 29.0 | 16.7 | 4.7 | 9.0 | 24 | + 0 | 2.3 | +0.1 | 8.6 | 0 | 3 | 24 | 07 | 4 | 2 | 0 | 0 | 2 | 8 | 4 | 1 | 0 |
| Shivpuri | 0830 | 464 | 1015.0 | 962.0 | .. | 18.2 | 12.1 | 6.2 | 9.7 | 48 | .. | 1.7 | .. | 4.8 | 0 | 0 | 23 | 04 | 3 | 2 | 2 | 6 | 4 | 1 | 1 | 5 | 0 |
| | 1730 | 464 | 1010.2 | 959.0 | .. | 27.7 | 14.4 | 1.6 | 6.9 | 20 | .. | 2.0 | .. | 7.5 | 0 | 1 | 24 | 04 | 3 | 3 | 0 | 0 | 3 | 5 | 7 | 3 | 0 |
| Nowgong | 0830 | 229 | 1015.6 | 988.7 | -0.2 | 16.0 | 11.9 | 7.8 | 10.7 | 56 | -14 | 1.3 | -0.5 | 2.2 | 0 | 0 | 21 | 00 | 1 | 2 | 0 | 6 | 10 | 1 | 1 | 7 | 0 |
| | 1730 | 229 | 1010.8 | 985.3 | -0.2 | 28.8 | 16.8 | 5.7 | 9.4 | 25 | - 3 | 1.9 | -0.2 | 2.9 | 0 | 0 | 22 | 04 | 4 | 1 | 0 | 0 | 3 | 0 | 10 | 6 | 0 |
| Guna | 0530 | 478 | 1014.1 | 958.6 | .. | 13.7 | 10.0 | 6.3 | 9.6 | 62 | .. | 1.1 | .. | 3.9 | 0 | 0 | 18 | 01 | 4 | 4 | 8 | 0 | 0 | 1 | 0 | 10 | 0 |
| | 0830 | 478 | 1015.3 | 960.8 | +0.2 | 19.0 | 13.1 | 7.9 | 10.8 | 50 | - 8 | 1.5 | -0.2 | 4.4 | 0 | 0 | 27 | 03 | 1 | 5 | 11 | 2 | 2 | 3 | 0 | 1 | 0 |
| | 1130 | 478 | 1014.0 | 961.0 | .. | 27.5 | 16.7 | 8.2 | 11.1 | 31 | .. | 1.0 | .. | 8.3 | 0 | 2 | 25 | 03 | 3 | 4 | 6 | 4 | 1 | 3 | 3 | 1 | 0 |
| | 1430 | 478 | 1010.4 | 957.9 | .. | 30.0 | 17.0 | 6.7 | 9.9 | 24 | .. | 1.8 | .. | 8.6 | 0 | 2 | 25 | 09 | 0 | 4 | 1 | 4 | 2 | 3 | 4 | 1 | 0 |
| | 1730 | 478 | 1010.2 | 957.6 | +0.1 | 28.6 | 16.6 | 7.2 | 10.1 | 27 | + 0 | 1.7 | +0.0 | 9.1 | 0 | 1 | 27 | 04 | 1 | 2 | 1 | 1 | 0 | 8 | 11 | 0 | 0 |
| | 2330 | 478 | 1014.2 | 959.4 | .. | 17.9 | 11.9 | 6.4 | 9.6 | 48 | .. | 1.0 | .. | 3.9 | 0 | 0 | 15 | 04 | 4 | 4 | 0 | 1 | 0 | 1 | 1 | 13 | 0 |
| Nimach | 0830 | 496 | 1015.8 | 959.1 | +0.0 | 17.8 | 11.1 | 3.9 | 8.4 | 42 | - 1 | 1.1 | -0.6 | 3.4 | 0 | 0 | 20 | 00 | 12 | 3 | 1 | 0 | 1 | 1 | 1 | 8 | 1 |
| | 1730 | 496 | 1010.5 | 956.1 | +0.0 | 29.0 | 15.3 | 2.0 | 7.4 | 19 | - 4 | 1.5 | -0.7 | 8.7 | 0 | 3 | 21 | 01 | 8 | 0 | 2 | 0 | 3 | 5 | 0 | 4 | 5 |
| Rajgarh | 0830 | 382 | 1015.9 | 971.6 | +0.4 | 16.1 | 10.1 | 2.5 | 7.5 | 42 | - 6 | 1.0 | +0.0 | 3.3 | 0 | 0 | 20 | 03 | 1 | 3 | 6 | 5 | 1 | 1 | 0 | 8 | 0 |
| | 1730 | 382 | 1009.8 | 967.7 | -0.2 | 30.5 | 16.4 | 1.9 | 7.2 | 17 | - 1 | 1.4 | +0.3 | 9.2 | 0 | 2 | 25 | 12 | 1 | 1 | 0 | 2 | 1 | 7 | 3 | 1 | 0 |
| Sagar | 0830 | 551 | 1015.1 | 952.7 | +0.7 | 19.6 | 14.4 | 10.3 | 12.6 | 58 | +12 | 1.0 | -0.4 | 3.6 | 0 | 0 | 22 | 00 | 5 | 7 | 0 | 0 | 0 | 5 | 5 | 6 | 0 |
| | 1730 | 551 | 1009.6 | 949.3 | +0.2 | 28.6 | 16.7 | 6.8 | 10.3 | 27 | + 1 | 1.3 | -0.7 | 3.1 | 0 | 0 | 23 | 00 | 3 | 4 | 0 | 0 | 1 | 8 | 7 | 5 | 0 |
| Ratlam | 0830 | 486 | 1015.1 | 959.7 | +0.5 | 19.8 | 13.1 | 7.0 | 10.2 | 45 | - 4 | 0.6 | -1.0 | 9.6 | 0 | 3 | 22 | 01 | 11 | 8 | 1 | 2 | 1 | 1 | 0 | 3 | 0 |
| | 1730 | 486 | 1009.5 | 956.3 | +0.0 | 30.3 | 18.7 | 10.9 | 13.0 | 31 | + 2 | 1.4 | -0.7 | 9.1 | 0 | 2 | 23 | 00 | 7 | 3 | 0 | 0 | 6 | 7 | 2 | 3 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1013.0 | 953.3 | .. | 17.5 | 11.4 | 5.3 | 9.0 | 45 | .. | 0.5 | .. | 5.4 | 0 | 0 | 19 | 08 | 3 | 1 | 2 | 0 | 1 | 1 | 3 | 9 | 0 |
| | 0530 | 523 | 1013.3 | 953.4 | .. | 16.4 | 10.8 | 5.0 | 8.9 | 49 | .. | 0.9 | .. | 4.1 | 0 | 0 | 17 | 03 | 5 | 3 | 3 | 0 | 0 | 1 | 2 | 11 | 0 |
| | 0830 | 523 | 1015.0 | 955.7 | +0.1 | 19.5 | 13.0 | 7.1 | 10.3 | 47 | + 0 | 1.3 | -0.1 | 5.6 | 0 | 0 | 21 | 02 | 8 | 4 | 4 | 1 | 2 | 0 | 0 | 7 | 0 |
| | 1130 | 523 | 1013.5 | 955.7 | .. | 27.1 | 16.3 | 7.7 | 10.7 | 31 | .. | 0.9 | .. | 9.4 | 0 | 1 | 26 | 02 | 6 | 4 | 9 | 3 | 1 | 1 | 1 | 1 | 0 |
| | 1430 | 523 | 1009.9 | 952.8 | .. | 30.0 | 17.1 | 6.6 | 10.1 | 24 | .. | 1.4 | .. | 10.2 | 0 | 3 | 23 | 05 | 2 | 5 | 3 | 1 | 5 | 2 | 3 | 2 | 0 |
| | 1730 | 523 | 1009.5 | 952.3 | +0.2 | 29.4 | 16.8 | 6.6 | 9.9 | 25 | + 2 | 1.1 | -0.7 | 9.0 | 0 | 3 | 20 | 05 | 3 | 1 | 1 | 2 | 2 | 3 | 6 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, WEST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 2030 | 523 | 1012.4 | 953.9 | .. | 23.2 | 14.1 | 5.9 | 9.4 | 34 | .. | 0.8 | .. | 5.9 | 0 | 0 | 22 | 05 | 3 | 5 | 2 | 1 | 3 | 1 | 2 | 6 | 0 |
| | 2330 | 523 | 1013.2 | 954.1 | .. | 20.4 | 12.7 | 5.5 | 9.1 | 35 | .. | 0.5 | .. | 6.7 | 0 | 0 | 19 | 05 | 6 | 1 | 2 | 0 | 0 | 3 | 2 | 9 | 0 |
| Ujjain | 0830 | 489 | 1015.6 | 959.3 | .. | 16.3 | 10.2 | 3.9 | 8.1 | 44 | .. | 1.0 | .. | 1.6 | 0 | 1 | 5 | 00 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 22 | 1 |
| | 1730 | 489 | 1009.5 | 956.0 | .. | 30.4 | 16.6 | 5.2 | 8.8 | 21 | .. | 1.5 | .. | 7.3 | 0 | 3 | 20 | 02 | 2 | 2 | 1 | 0 | 1 | 6 | 9 | 5 | 0 |
| Narsinghpur | 0830 | 356 | 1015.7 | 974.6 | .. | 17.8 | 12.6 | 7.1 | 10.4 | 51 | .. | 0.9 | .. | 1.0 | 0 | 0 | 12 | 00 | 7 | 0 | 1 | 1 | 2 | 0 | 1 | 16 | 0 |
| | 1730 | 356 | 1009.9 | 970.8 | .. | 31.0 | 20.3 | 12.1 | 15.1 | 34 | .. | 1.6 | .. | 1.7 | 0 | 0 | 21 | 00 | 7 | 0 | 0 | 0 | 6 | 0 | 8 | 7 | 0 |
| Hoshangabad | 0830 | 302 | 1015.1 | 980.1 | +0.0 | 18.8 | 12.9 | 6.8 | 10.1 | 48 | - 3 | 0.6 | -1.0 | 2.1 | 0 | 0 | 28 | 04 | 5 | 0 | 2 | 6 | 8 | 1 | 2 | 6 | 0 |
| | 1730 | 302 | 1009.7 | 976.3 | +0.1 | 31.6 | 18.3 | 7.2 | 10.2 | 23 | - 2 | 0.1 | -1.8 | 2.2 | 0 | 0 | 28 | 02 | 8 | 0 | 1 | 4 | 13 | 0 | 0 | 0 | 0 |
| Indore | 0530 | 567 | 1013.5 | 948.5 | .. | 15.3 | 8.8 | 1.1 | 6.7 | 39 | .. | 0.5 | .. | 5.1 | 0 | 0 | 16 | 02 | 4 | 3 | 0 | 2 | 4 | 0 | 1 | 12 | 0 |
| | 0830 | 567 | 1015.2 | 950.8 | +0.7 | 18.5 | 10.6 | 1.9 | 7.1 | 34 | -13 | 0.7 | -0.5 | 5.0 | 0 | 0 | 20 | 05 | 4 | 6 | 0 | 2 | 2 | 1 | 0 | 8 | 0 |
| | 1130 | 567 | 1013.2 | 950.9 | .. | 28.0 | 14.9 | 2.5 | 7.3 | 20 | .. | 0.6 | .. | 12.1 | 0 | 4 | 24 | 01 | 10 | 4 | 4 | 3 | 4 | 1 | 0 | 0 | 1 |
| | 1730 | 567 | 1009.1 | 947.4 | +0.4 | 30.1 | 15.2 | 0.5 | 6.4 | 15 | - 4 | 0.7 | -1.0 | 13.4 | 0 | 4 | 23 | 04 | 7 | 2 | 2 | 2 | 6 | 2 | 2 | 1 | 0 |
| | 2330 | 567 | 1013.4 | 949.4 | .. | 19.7 | 10.6 | 0.2 | 6.2 | 28 | .. | 0.3 | .. | 9.3 | 0 | 3 | 21 | 05 | 5 | 1 | 0 | 0 | 5 | 1 | 7 | 4 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1015.4 | 981.3 | +0.1 | 17.4 | 11.2 | 4.0 | 8.3 | 43 | -12 | 0.7 | -0.2 | 2.3 | 0 | 0 | 12 | 00 | 2 | 3 | 2 | 0 | 0 | 5 | 0 | 16 | 0 |
| | 1730 | 293 | 1009.7 | 977.5 | -0.3 | 31.9 | 16.7 | 0.6 | 6.7 | 14 | - 7 | 0.7 | -0.3 | 4.1 | 0 | 0 | 14 | 02 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 14 | 0 |
| Chhindwara | 0830 | 685 | 1015.4 | 937.8 | +0.4 | 17.2 | 10.8 | 4.3 | 8.3 | 43 | - 9 | 0.5 | -0.8 | 1.6 | 0 | 0 | 7 | 03 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 21 | 0 |
| | 1730 | 685 | 1008.5 | 934.5 | +0.4 | 29.7 | 15.7 | 2.8 | 7.6 | 18 | - 7 | 1.4 | -0.6 | 7.1 | 0 | 0 | 23 | 04 | 1 | 2 | 1 | 4 | 3 | 6 | 2 | 5 | 0 |
| Seoni | 0830 | 619 | 1015.1 | 945.4 | +0.8 | 19.8 | 12.9 | 6.4 | 9.9 | 42 | -12 | 0.8 | -0.9 | 3.7 | 0 | 0 | 22 | 05 | 5 | 1 | 1 | 1 | 4 | 1 | 4 | 6 | 0 |
| | 1730 | 619 | 1008.9 | 941.7 | +0.1 | 29.5 | 16.9 | 6.6 | 10.1 | 25 | - 9 | 1.1 | -1.1 | 5.7 | 0 | 0 | 25 | 04 | 4 | 1 | 1 | 3 | 7 | 3 | 2 | 3 | 0 |
| Betul | 0830 | 653 | 1014.7 | 941.4 | +0.5 | 20.1 | 11.7 | 3.0 | 7.6 | 33 | -13 | 0.4 | -1.0 | 2.9 | 0 | 0 | 24 | 03 | 3 | 6 | 8 | 0 | 0 | 1 | 2 | 4 | 1 |
| | 1730 | 653 | 1008.4 | 937.7 | +0.1 | 29.8 | 15.1 | 0.1 | 6.5 | 15 | - 8 | 0.7 | -1.2 | 5.3 | 0 | 0 | 28 | 08 | 6 | 2 | 2 | 2 | 1 | 3 | 4 | 0 | 0 |
| Khandwa | 0830 | 318 | 1015.1 | 978.4 | +0.6 | 19.9 | 12.3 | 3.7 | 8.2 | 36 | - 8 | 0.8 | -0.3 | 2.2 | 0 | 0 | 24 | 01 | 5 | 1 | 5 | 1 | 7 | 1 | 3 | 4 | 0 |
| | 1730 | 318 | 1009.1 | 974.3 | +0.4 | 32.8 | 18.3 | 5.3 | 9.3 | 18 | - 5 | 1.2 | -0.4 | 4.1 | 0 | 0 | 28 | 00 | 9 | 0 | 1 | 0 | 5 | 0 | 13 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1013.4 | 976.3 | .. | 14.2 | 10.6 | 6.8 | 9.9 | 62 | .. | 0.5 | .. | 2.0 | 0 | 0 | 12 | 00 | 1 | 1 | 2 | 0 | 1 | 5 | 2 | 16 | 0 |
| | 0830 | 317 | 1015.1 | 978.4 | +0.1 | 18.1 | 12.6 | 6.1 | 10.1 | 50 | -14 | 1.0 | -0.7 | 1.4 | 0 | 0 | 14 | 00 | 1 | 1 | 3 | 2 | 2 | 4 | 1 | 14 | 0 |
| | 1130 | 317 | 1014.2 | 978.5 | .. | 26.3 | 16.7 | 5.3 | 9.2 | 29 | .. | 1.3 | .. | 7.6 | 0 | 2 | 25 | 00 | 4 | 2 | 4 | 1 | 5 | 9 | 2 | 1 | 0 |
| | 1430 | 317 | 1010.8 | 975.6 | .. | 29.4 | 16.3 | 2.4 | 7.9 | 21 | .. | 1.1 | .. | 11.0 | 0 | 4 | 23 | 02 | 0 | 3 | 1 | 2 | 3 | 10 | 6 | 1 | 0 |
| | 1730 | 317 | 1010.5 | 975.1 | +0.0 | 27.6 | 16.2 | 4.9 | 9.2 | 26 | -10 | 1.4 | -0.5 | 4.8 | 0 | 0 | 25 | 05 | 0 | 4 | 0 | 0 | 0 | 7 | 9 | 3 | 0 |
| | 2330 | 317 | 1013.5 | 976.9 | .. | 18.4 | 12.7 | 6.6 | 10.1 | 49 | .. | 0.7 | .. | 2.3 | 0 | 0 | 12 | 00 | 2 | 4 | 0 | 2 | 0 | 3 | 1 | 16 | 0 |
| Rewa | 0830 | 299 | 1015.2 | 980.5 | .. | 17.8 | 12.8 | 7.9 | 10.7 | 54 | .. | 1.1 | .. | 1.6 | 0 | 0 | 19 | 02 | 2 | 0 | 0 | 1 | 7 | 4 | 3 | 9 | 0 |
| | 1730 | 299 | 1010.4 | 977.1 | .. | 28.2 | 16.7 | 5.9 | 9.7 | 27 | .. | 1.3 | .. | 4.2 | 0 | 0 | 28 | 09 | 5 | 1 | 0 | 0 | 0 | 2 | 11 | 0 | 0 |
| Sidhi | 0830 | 272H | 1014.2 | 982.7 | -0.6 | 16.8 | 13.3 | 9.9 | 12.4 | 65 | - 1 | . | .. | 1.2 | 0 | 0 | 14 | 01 | 1 | 5 | 0 | 7 | 0 | 0 | 0 | 14 | 0 |
| | 1730 | 272 | 1009.8 | 979.5 | -0.4 | 28.4 | 18.9 | 11.7 | 14.1 | 38 | + 2 | . | .. | 2.1 | 0 | 0 | 23 | 10 | 0 | 3 | 1 | 0 | 0 | 9 | 0 | 5 | 0 |
| Umaria | 0830 | 459 | 1015.4 | 962.8 | -0.8 | 18.3 | 13.4 | 9.3 | 11.8 | 57 | - 6 | 0.9 | -0.9 | 1.5 | 0 | 0 | 13 | 00 | 1 | 3 | 3 | 4 | 1 | 1 | 0 | 15 | 0 |
| | 1730 | 459 | 1009.8 | 959.2 | -1.2 | 28.7 | 19.2 | 12.5 | 15.3 | 40 | + 5 | 1.1 | -0.9 | 3.5 | 0 | 0 | 25 | 09 | 1 | 0 | 0 | 0 | 2 | 1 | 11 | 3 | 1 |
| Jabalpur | 0530 | 393 | 1013.9 | 968.2 | .. | 14.0 | 11.1 | 8.1 | 10.9 | 68 | .. | 0.5 | .. | 1.1 | 0 | 0 | 8 | 02 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 20 | 0 |
| | 0830 | 393 | 1015.6 | 970.5 | +0.6 | 18.5 | 12.9 | 7.1 | 10.4 | 49 | -15 | 0.7 | -1.0 | 2.2 | 0 | 0 | 13 | 03 | 1 | 3 | 5 | 1 | 0 | 0 | 0 | 15 | 0 |
| | 1130 | 393 | 1013.8 | 970.1 | .. | 27.9 | 17.0 | 7.4 | 10.5 | 29 | .. | 0.7 | .. | 4.1 | 0 | 0 | 23 | 03 | 4 | 1 | 4 | 4 | 3 | 2 | 2 | 5 | 0 |
| | 1430 | 393 | 1009.8 | 966.8 | .. | 31.5 | 17.7 | 5.1 | 9.1 | 20 | .. | 1.0 | .. | 6.0 | 0 | 0 | 27 | 09 | 4 | 0 | 0 | 2 | 5 | 3 | 4 | 1 | 0 |
| | 1730 | 393 | 1009.6 | 966.4 | -1.0 | 30.0 | 18.1 | 8.3 | 11.1 | 27 | - 5 | 1.0 | -0.8 | 3.7 | 0 | 0 | 22 | 08 | 5 | 0 | 1 | 1 | 1 | 1 | 5 | 6 | 0 |
| | 2330 | 393 | 1013.6 | 968.6 | .. | 18.8 | 13.7 | 9.2 | 11.6 | 55 | .. | 0.5 | .. | 2.4 | 0 | 0 | 14 | 04 | 5 | 1 | 2 | 1 | 0 | 1 | 0 | 14 | 0 |
| Ambikapur | 0830 | 611 | 1015.6 | 946.2 | +0.4 | 17.6 | 12.6 | 8.3 | 10.9 | 56 | - 9 | 0.3 | -0.8 | 4.7 | 0 | 1 | 19 | 03 | 4 | 2 | 1 | 4 | 4 | 1 | 1 | 8 | 0 |
| | 1730 | 611 | 1009.4 | 942.5 | -0.2 | 27.1 | 15.5 | 5.3 | 9.1 | 27 | - 6 | 0.2 | -1.0 | 7.8 | 0 | 0 | 26 | 11 | 4 | 1 | 0 | 1 | 3 | 2 | 4 | 2 | 0 |
| Jashpurnagar | 0830 | 779H | 1014.7 | 977.7 | .. | 18.5 | 12.8 | 7.7 | 10.7 | 51 | .. | 0.3 | .. | 1.6 | 0 | 0 | 14 | 03 | 6 | 0 | 0 | 0 | 0 | 0 | 5 | 14 | 0 |
| | 1730 | 779 | 1008.9 | 924.5 | .. | 26.2 | 15.2 | 5.5 | 9.3 | 27 | .. | 0.7 | .. | 5.1 | 0 | 1 | 23 | 02 | 1 | 0 | 0 | 0 | 7 | 3 | 9 | 4 | 2 |
| Pendra | 0530 | 625 | 1013.8 | 942.7 | .. | 16.0 | 10.9 | 5.8 | 9.3 | 53 | .. | 0.4 | .. | 3.6 | 0 | 2 | 11 | 07 | 0 | 0 | 0 | 2 | 1 | 0 | 3 | 15 | 0 |
| | 0830 | 625 | 1015.1 | 944.8 | +0.4 | 20.1 | 13.2 | 6.9 | 10.1 | 44 | -11 | 0.7 | -0.3 | 4.5 | 0 | 0 | 21 | 12 | 0 | 0 | 0 | 5 | 2 | 0 | 3 | 7 | 1 |
| | 1130 | 625 | 1013.0 | 944.4 | .. | 26.7 | 15.5 | 5.8 | 9.5 | 28 | .. | 0.8 | .. | 10.0 | 0 | 3 | 24 | 12 | 1 | 2 | 0 | 5 | 1 | 1 | 4 | 1 | 1 |
| | 1430 | 625 | 1009.3 | 941.5 | .. | 29.2 | 16.1 | 5.0 | 8.8 | 22 | .. | 1.1 | .. | 13.0 | 0 | 5 | 22 | 11 | 2 | 0 | 2 | 4 | 1 | 0 | 6 | 1 | 1 |
| | 1730 | 625 | 1009.7 | 941.4 | +0.0 | 27.1 | 15.5 | 5.5 | 9.1 | 26 | -12 | 0.7 | -1.7 | 7.6 | 0 | 2 | 25 | 16 | 3 | 0 | 1 | 4 | 1 | 1 | 1 | 1 | 0 |
| | 2330 | 625 | 1013.5 | 943.4 | .. | 19.6 | 12.5 | 5.9 | 9.3 | 42 | .. | 0.5 | .. | 4.9 | 0 | 0 | 24 | 10 | 1 | 0 | 0 | 1 | 2 | 4 | 6 | 4 | 0 |
| Mandla | 0830 | 443 | 1015.9 | 964.8 | +0.3 | 17.1 | 12.4 | 7.7 | 10.6 | 55 | -19 | 0.3 | -1.3 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 443 | 1009.0 | 960.5 | -0.1 | 29.5 | 17.4 | 6.8 | 10.1 | 25 | - 5 | 0.9d | -1.1 | 1.8d | 0 | 0 | 8 | 04 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 19 | 0 |
| Champa | 0830 | 245 | 1014.9 | 986.6 | +0.1 | 20.2 | 14.4 | 9.1 | 11.7 | 50 | - 5 | 0.5 | -0.9 | 3.6 | 0 | 0 | 21 | 16 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 7 | 0 |
| | 1730 | 245 | 1009.6 | 982.6 | +0.0 | 31.3 | 18.5 | 7.9 | 10.9 | 24 | - 2 | 0.8 | -1.0 | 3.5 | 0 | 0 | 23 | 13 | 1 | 0 | 0 | 0 | 2 | 2 | 5 | 5 | 0 |
| Raigarh | 0830 | 220 | 1015.1 | 989.8 | +0.7 | 21.7 | 15.1 | 9.3 | 11.8 | 46 | - 7 | 0.5 | -0.8 | 2.9 | 0 | 0 | 25 | 01 | 25 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 220 | 1009.7 | 985.3 | +0.2 | 30.4 | 18.4 | 8.8 | 11.4 | 26 | - 2 | 0.1 | -1.2 | 1.3 | 0 | 0 | 13 | 06 | 2 | 0 | 1 | 0 | 1 | 0 | 3 | 15 | 0 |
| Raipur | 0530 | 298 | 1012.6 | 978.2 | .. | 18.4 | 13.9 | 9.7 | 12.3 | 58 | .. | 0.1 | .. | 1.7 | 0 | 0 | 9 | 02 | 1 | 1 | 0 | 2 | 1 | 0 | 1 | 19 | 1 |
| | 0830 | 298 | 1014.8 | 980.8 | +0.5 | 22.0 | 15.7 | 10.4 | 12.7 | 49 | - 6 | 0.1 | -1.6 | 4.3 | 0 | 0 | 20 | 05 | 1 | 2 | 1 | 4 | 1 | 2 | 3 | 8 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raipur (Contd.) | 1130 | 298 | 1013.6 | 980.4 | .. | 29.5 | 19.6 | 12.4 | 14.8 | 36 | .. | 0.1 | .. | 4.7 | 0 | 0 | 19 | 03 | 5 | 2 | 0 | 2 | 1 | 1 | 5 | 9 | 0 |
| | 1430 | 298 | 1009.8 | 977.0 | .. | 32.6 | 20.5 | 11.7 | 14.2 | 30 | .. | 0.6 | .. | 5.7 | 0 | 0 | 23 | 04 | 2 | 1 | 1 | 2 | 4 | 4 | 5 | 5 | 0 |
| | 1730 | 298 | 1009.5 | 976.6 | -0.2 | 31.3 | 20.1 | 11.9 | 14.4 | 32 | + 1 | 0.5 | -0.9 | 4.4 | 0 | 0 | 19 | 05 | 3 | 1 | 0 | 1 | 3 | 3 | 3 | 9 | 0 |
| | 2330 | 298 | 1012.2 | 978.4 | .. | 23.5 | 16.4 | 10.5 | 12.9 | 45 | .. | 0.1 | .. | 4.4 | 0 | 0 | 21 | 00 | 6 | 3 | 1 | 4 | 3 | 1 | 3 | 7 | 0 |
| Kanker | 0830 | 402 | 1014.8 | 969.1 | +0.2 | 20.9 | 14.8 | 9.4 | 11.9 | 49 | -18 | 0.0 | -1.9 | 0.6 | 0 | 0 | 7 | 00 | 0 | 2 | 1 | 1 | 1 | 1 | 1 | 21 | 0 |
| | 1730 | 402 | 1009.0 | 965.1 | -0.3 | 30.7 | 18.1 | 7.4 | 10.5 | 24 | -12 | 1.3 | -0.7 | 1.6 | 0 | 0 | 18 | 04 | 3 | 0 | 1 | 0 | 3 | 0 | 7 | 10 | 0 |
| Jagdalpur | 0530 | 553 | 1013.2 | 950.2 | .. | 16.1 | 14.1 | 12.5 | 14.6 | 80 | .. | 0.0 | .. | 0.3 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 26 | 0 |
| | 0830 | 553 | 1014.6 | 952.4 | +0.3 | 20.8 | 16.4 | 13.4 | 15.5 | 63 | - 3 | 0.4 | -1.1 | 1.7 | 0 | 0 | 11 | 00 | 5 | 0 | 2 | 3 | 0 | 1 | 0 | 17 | 0 |
| | 1130 | 553 | 1012.2 | 951.8 | .. | 29.0 | 18.9 | 12.1 | 14.4 | 36 | .. | 0.6 | .. | 8.2 | 0 | 3 | 23 | 00 | 8 | 0 | 1 | 4 | 6 | 2 | 5 | 2 | 0 |
| | 1430 | 553 | 1008.4 | 948.8 | .. | 31.7 | 19.1 | 10.5 | 12.9 | 28 | .. | 1.6 | .. | 9.3 | 0 | 1 | 27 | 02 | 7 | 2 | 1 | 3 | 6 | 4 | 3 | 0 | 0 |
| | 1730 | 553 | 1008.4 | 948.4 | -0.1 | 29.9 | 18.9 | 11.6 | 13.7 | 33 | - 3 | 1.5 | -0.6 | 4.9 | 0 | 0 | 20 | 01 | 4 | 0 | 0 | 6 | 5 | 2 | 2 | 8 | 0 |
| | 2030 | 553 | 1011.6 | 950.3 | .. | 24.0 | 17.3 | 12.8 | 14.9 | 50 | .. | 0.3 | .. | 0.6 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 2330 | 553 | 1012.8 | 950.7 | .. | 20.7 | 16.5 | 13.6 | 15.7 | 64 | .. | 0.5 | .. | 0.7 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 25 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1014.8 | 998.8 | +0.2 | 17.6 | 11.7 | 5.3 | 9.0 | 46 | - 3 | 2.1 | +0.5 | 6.8 | 0 | 0 | 27 | 00 | 18 | 3 | 3 | 2 | 0 | 0 | 1 | 1 | 0 |
| | 1730 | 136 | 1010.6 | 995.4 | -0.1 | 31.5 | 16.8 | 1.7 | 7.2 | 16 | - 5 | 1.8 | +0.2 | 7.6 | 0 | 2 | 26 | 00 | 5 | 1 | 2 | 0 | 10 | 2 | 8 | 0 | 0 |
| Radhanpur | 0830 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | -0.6 | 3.2 | 0 | 0 | 23 | 01 | 6 | 4 | 0 | 1 | 5 | 1 | 5 | 5 | 0 |
| | 1730 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | -0.5 | 3.9 | 0 | 0 | 28 | 01 | 3 | 4 | 1 | 2 | 4 | 1 | 12 | 0 | 0 |
| Idar | 1730 | 219 | 1010.3 | 986.0 | -3.6 | 31.1 | 17.3 | 4.2 | 8.5 | 20 | -17 | 1.4 | +0.5 | 3.9 | 0 | 0 | 26 | 01 | 0 | 2 | 1 | 2 | 5 | 15 | 0 | 2 | 0 |
| | 0830 | 219 | 1014.2 | 989.2 | +2.8 | 22.7 | 13.7 | 3.6 | 8.4 | 33 | +10 | 2.0 | +1.2 | 4.5 | 0 | 0 | 21 | 01 | 15 | 2 | 0 | 0 | 1 | 0 | 2 | 7 | 0 |
| Ahmadabad | 0230 | 55 | 1012.3 | 1005.9 | .. | 19.7 | 13.7 | 7.8 | 10.8 | 48 | .. | 0.4 | .. | 7.0 | 0 | 0 | 27 | 08 | 8 | 1 | 1 | 0 | 0 | 5 | 4 | 1 | 0 |
| | 0530 | 55 | 1012.2 | 1005.7 | .. | 17.6 | 12.5 | 7.3 | 10.4 | 52 | .. | 0.6 | .. | 6.7 | 0 | 0 | 24 | 02 | 10 | 4 | 0 | 0 | 0 | 1 | 7 | 4 | 0 |
| | 0830 | 55 | 1014.3 | 1007.8 | -0.3 | 19.1 | 12.9 | 7.3 | 9.9 | 49 | - 3 | 1.1 | -0.2 | 6.1 | 0 | 1 | 19 | 02 | 7 | 9 | 0 | 0 | 0 | 1 | 1 | 8 | 0 |
| | 1130 | 55 | 1014.7 | 1008.4 | .. | 29.7 | 17.9 | 8.0 | 10.9 | 29 | .. | 1.1 | .. | 13.6 | 0 | 5 | 23 | 00 | 3 | 11 | 7 | 0 | 0 | 2 | 4 | 0 | 1 |
| | 1430 | 55 | 1011.6 | 1005.4 | .. | 32.8 | 18.9 | 7.1 | 10.5 | 22 | .. | 1.1 | .. | 11.9 | 0 | 1 | 27 | 04 | 5 | 4 | 4 | 2 | 1 | 3 | 3 | 0 | 2 |
| | 1730 | 55 | 1010.6 | 1004.4 | -0.3 | 32.5 | 18.8 | 6.2 | 10.6 | 22 | -.2 | 1.1 | -0.2 | 11.4 | 0 | 2 | 26 | 05 | 3 | 2 | 2 | 0 | 3 | 6 | 6 | 0 | 1 |
| | 2030 | 55 | 1012.1 | 1005.8 | .. | 25.5 | 16.6 | 9.0 | 11.7 | 36 | .. | 0.8 | .. | 5.4 | 0 | 1 | 18 | 10 | 3 | 0 | 0 | 1 | 1 | 2 | 2 | 9 | 0 |
| | 2330 | 55 | 1012.8 | 1006.4 | .. | 22.2 | 19.0 | 8.3 | 11.2 | 43 | .. | 0.4 | .. | 5.6 | 0 | 0 | 19 | 07 | 2 | 1 | 0 | 0 | 1 | 4 | 4 | 9 | 0 |
| Dohad | 0830 | 333 | 1015.0 | 976.7 | -0.2 | 19.5 | 11.8 | 2.4 | 7.6 | 34 | -14 | 0.5 | -0.6 | 5.6 | 0 | 0 | 25 | 00 | 7 | 5 | 3 | 5 | 4 | 1 | 0 | 3 | 0 |
| | 1730 | 333 | 1009.4 | 972.8 | -0.5 | 31.7 | 16.4 | - 0.6 | 6.2 | 13 | - 6 | 0.3 | -0.4 | 8.9 | 0 | 3 | 25 | 03 | 4 | 0 | 0 | 2 | 9 | 8 | 2 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1013.9 | 1008.7 | .. | 16.5 | 12.2 | 7.7 | 10.7 | 58 | .. | 0.1 | .. | 3.7 | 0 | 0 | 21 | 05 | 9 | 2 | 1 | 1 | 0 | 1 | 2 | 7 | 0 |
| | 1730 | 44 | 1010.2 | 1005.3 | .. | 32.9 | 18.1 | 5.2 | 8.8 | 18 | .. | 0.4 | .. | 6.2 | 0 | 0 | 27 | 08 | 5 | 0 | 0 | 0 | 5 | 5 | 4 | 1 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1014.1 | 1009.7 | -0.1 | 19.6 | 13.4 | 7.3 | 10.4 | 46 | - 1 | 0.5 | -0.4 | 6.7 | 0 | 0 | 19 | 06 | 5 | 0 | 5 | 1 | 1 | 1 | 0 | 9 | 0 |
| | 1130 | 38 | 1014.3 | 1010.1 | .. | 29.9 | 18.3 | 8.8 | 11.5 | 29 | .. | 0.5 | .. | 10.6 | 0 | 4 | 18 | 00 | 7 | 6 | 2 | 0 | 2 | 2 | 3 | 6 | 0 |
| | 1730 | 38 | 1010.4 | 1006.2 | +0.1 | 33.3 | 19.4 | 8.3 | 11.2 | 23 | + 3 | 0.3 | -0.7 | 12.4 | 0 | 6 | 18 | 04 | 2 | 1 | 0 | 0 | 2 | 10 | 5 | 4 | 0 |
| Baroda | 0530 | 34 | 1012.1 | 1008.0 | .. | 17.6 | 12.7 | 7.6 | 10.8 | 53 | .. | 0.3 | .. | 0.6 | 0 | 0 | 7 | 00 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 34 | 1014.3 | 1010.2 | -0.3 | 17.8 | 12.6 | 7.4 | 10.4 | 52 | -10 | 0.4 | -0.5 | 2.1 | 0 | 0 | 16 | 00 | 12 | 0 | 0 | 0 | 2 | 2 | 0 | 12 | 0 |
| | 1130 | 34 | 1014.6 | 1010.6 | .. | 30.8 | 18.0 | 6.8 | 10.2 | 24 | .. | 0.6 | .. | 3.5 | 0 | 0 | 20 | 02 | 12 | 1 | 1 | 0 | 3 | 0 | 1 | 8 | 0 |
| | 1730 | 34 | 1010.2 | 1006.3 | -0.2 | 34.1 | 19.2 | 7.3 | 10.1 | 20 | - 8 | 0.3 | -0.8 | 3.3 | 0 | 0 | 23 | 02 | 4 | 0 | 0 | 0 | 6 | 1 | 10 | 5 | 0 |
| | 2330 | 34 | 1012.6 | 1008.6 | .. | 22.8 | 15.4 | 8.8 | 11.5 | 42 | .. | 0.1 | .. | 1.9 | 0 | 0 | 15 | 01 | 9 | 0 | 0 | 0 | 1 | 3 | 1 | 13 | 0 |
| Broach | 0830 | 17 | 1013.3 | 1011.3 | -0.3 | 18.7 | 14.0 | 9.7 | 12.2 | 57 | + 1 | 0.5 | -0.4 | 5.6 | 0 | 0 | 28 | 01 | 14 | 0 | 5 | 1 | 2 | 1 | 4 | 0 | 0 |
| | 1730 | 17 | 1009.5 | 1007.6 | -0.3 | 34.7 | 21.9 | 13.6 | 15.9 | 30 | + 8 | 0.0 | -0.7 | 6.1 | 0 | 0 | 28 | 00 | 10 | 1 | 7 | 0 | 7 | 1 | 2 | 0 | 0 |
| Surat | 0530 | 12 | 1011.5 | 1010.1 | .. | 19.3 | 15.0 | 11.6 | 13.6 | 62 | .. | 0.5 | .. | 5.6 | 0 | 0 | 28 | 00 | 16 | 0 | 3 | 0 | 4 | 0 | 5 | 0 | 0 |
| | 0830 | 12 | 1013.9 | 1012.6 | -0.3 | 20.2 | 15.0 | 10.3 | 12.9 | 55 | - 7 | 0.5 | -0.8 | 5.9 | 0 | 0 | 27 | 00 | 14 | 0 | 8 | 0 | 0 | 0 | 5 | 1 | 0 |
| | 1130 | 12 | 1014.3 | 1012.9 | .. | 29.8 | 19.0 | 11.1 | 13.2 | 33 | .. | 0.5 | .. | 6.5 | 0 | 0 | 26 | 00 | 13 | 0 | 4 | 0 | 2 | 1 | 6 | 2 | 0 |
| | 1730 | 12 | 1010.3 | 1009.0 | -0.1 | 32.0 | 19.9 | 11.1 | 13.4 | 29 | - 6 | 0.2 | -1.0 | 8.7 | 0 | 0 | 28 | 00 | 3 | 0 | 1 | 0 | 9 | 0 | 15 | 0 | 0 |
| | 2330 | 12 | 1012.3 | 1010.9 | .. | 23.5 | 17.3 | 12.7 | 15.1 | 55 | .. | 0.2 | .. | 5.5 | 0 | 0 | 28 | 02 | 8 | 0 | 4 | 1 | 5 | 2 | 6 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1014.4 | 1011.9 | -1.0 | 16.3 | 13.7 | 11.8 | 13.6 | 73 | + 0 | 2.1 | +0.7 | 5.9 | 0 | 0 | 27 | 05 | 9 | 4 | 2 | 1 | 2 | 3 | 1 | 1 | 0 |
| | 1730 | 21 | 1011.3 | 1008.9 | -1.0 | 29.5 | 20.4 | 14.1 | 16.5 | 41 | + 9 | 1.4 | +0.7 | 11.5 | 0 | 1 | 27 | 02 | 3 | 0 | 0 | 1 | 10 | 10 | 2 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1013.1 | 1003.4 | .. | 18.6 | 15.0 | 11.8 | 14.1 | 65 | .. | 1.0 | .. | 2.0 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 22 | 0 |
| | 0530 | 80 | 1012.8 | 1003.3 | .. | 16.9 | 14.0 | 11.6 | 13.7 | 72 | .. | 1.2 | .. | 1.9 | 0 | 0 | 5 | 00 | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 23 | 0 |
| | 0830 | 80 | 1014.5 | 1005.1 | -0.3 | 17.4 | 14.3 | 11.5 | 13.8 | 70 | +18 | 1.6 | +0.5 | 2.8 | 0 | 0 | 9 | 00 | 1 | 0 | 0 | 0 | 4 | 4 | 0 | 19 | 0 |
| | 1130 | 80 | 1015.0 | 1005.9 | .. | 27.3 | 18.6 | 11.7 | 14.4 | 41 | .. | 1.6 | .. | 11.6 | 0 | 2 | 22 | 04 | 10 | 1 | 1 | 0 | 0 | 3 | 5 | 4 | 0 |
| | 1430 | 80 | 1011.9 | 1002.9 | .. | 31.2 | 20.3 | 12.2 | 14.9 | 34 | .. | 1.1 | .. | 13.0 | 0 | 5 | 18 | 07 | 7 | 1 | 1 | 0 | 2 | 3 | 2 | 5 | 0 |
| | 1730 | 80 | 1011.0 | 1002.1 | -0.2 | 31.1 | 20.1 | 11.8 | 14.5 | 34 | +17 | 1.2 | +0.1 | 13.4 | 0 | 5 | 18 | 06 | 7 | 0 | 1 | 0 | 1 | 4 | 4 | 5 | 0 |
| | 2030 | 80 | 1012.9 | 1003.7 | .. | 25.6 | 18.2 | 12.5 | 14.9 | 46 | .. | 0.6 | .. | 9.5 | 0 | 1 | 22 | 05 | 7 | 0 | 2 | 0 | 1 | 7 | 1 | 5 | 0 |
| | 2330 | 80 | 1013.6 | 1004.2 | .. | 21.1 | 16.1 | 11.7 | 14.3 | 58 | .. | 0.7 | .. | 4.2 | 0 | 0 | 9 | 01 | 1 | 0 | 0 | 0 | 1 | 2 | 4 | 19 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1014.6 | 1010.5 | .. | 20.3 | 14.2 | 8.5 | 11.2 | 50 | .. | 1.1 | .. | 16.6 | 0 | 6 | 21 | 06 | 1 | 1 | 0 | 1 | 3 | 2 | 13 | 1 | 0 |
| | 1130 | 35 | 1015.2 | 1011.2 | .. | 28.4 | 16.7 | 5.6 | 9.5 | 22 | .. | 1.3 | .. | 20.0 | 0 | 16 | 12 | 07 | 7 | 5 | 1 | 1 | 2 | 2 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome (Contd.) | 1730 | 35 | 1011.2 | 1007.3 | .. | 31.7 | 17.5 | 3.8 | 8.5 | 19 | .. | 1.1 | .. | 22.1 | 0 | 14 | 14 | 08 | 1 | 5 | 0 | 3 | 4 | 3 | 4 | 0 | 0 |
| New Kandla | 0830 | 14 | 1014.8 | 1013.1 | -0.9 | 20.2 | 15.5 | 11.3 | 13.8 | 58 | - 2 | 1.8 | +0.6 | 9.1 | 0 | 0 | 28 | 12 | 6 | 0 | 0 | 2 | 2 | 2 | 4 | 0 | 0 |
| | 1730 | 14 | 1011.5 | 1009.9 | -1.0 | 29.5 | 18.5 | 9.7 | 12.3 | 31 | - 5 | 1.4 | +0.7 | 13.1 | 0 | 7 | 19 | 06 | 6 | 1 | 1 | 2 | 5 | 5 | 0 | 2 | 0 |
| Mandvi | 0830 | 9 | 1014.5 | 1013.4 | -0.5 | 19.5 | 15.0 | 11.3 | 13.4 | 60 | - 9 | 2.1 | +1.1 | 12.7 | 0 | 4 | 24 | 07 | 11 | 4 | 0 | 0 | 0 | 4 | 2 | 0 | 0 |
| | 1730 | 9 | 1011.8 | 1010.7 | -0.3 | 25.8 | 21.0 | 18.2 | 20.9 | 64 | - 7 | 1.7 | +1.1 | 19.8 | 0 | 12 | 15 | 00 | 1 | 0 | 1 | 1 | 6 | 18 | 0 | 1 | 0 |
| Surendranagar | 0830 | 74 | 1014.4 | 1005.6 | -0.1 | 20.7 | 14.9 | 9.4 | 12.3 | 51 | - 3 | 1.5 | +0.3 | 5.8 | 0 | 0 | 18 | 07 | 3 | 0 | 0 | 1 | 0 | 1 | 6 | 10 | 0 |
| | 1730 | 74 | 1010.3 | 1002.0 | -0.3 | 32.7 | 19.7 | 9.6 | 12.3 | 25 | + 2 | 0.9 | -1.1 | 6.0 | 0 | 0 | 21 | 04 | 1 | 1 | 0 | 1 | 0 | 9 | 5 | 7 | 0 |
| Okha | 0530 | 7 | 1012.8 | 1012.0 | .. | 22.4 | 19.7 | 18.0 | 20.8 | 77 | .. | 1.4 | .. | 18.9 | 0 | 12 | 16 | 14 | 3 | 1 | 0 | 0 | 0 | 3 | 7 | 0 | 0 |
| | 0830 | 7 | 1014.7 | 1013.9 | .. | 22.7 | 19.3 | 17.1 | 19.6 | 72 | .. | 1.4 | .. | 16.0 | 0 | 6 | 22 | 05 | 8 | 7 | 0 | 0 | 0 | 1 | 7 | 0 | 0 |
| | 1130 | 7 | 1015.7 | 1014.9 | .. | 24.7 | 19.7 | 16.6 | 18.9 | 62 | .. | 1.1 | .. | 15.4 | 0 | 6 | 22 | 03 | 9 | 8 | 0 | 0 | 0 | 2 | 6 | 0 | 0 |
| | 1730 | 7 | 1012.3 | 1011.5 | .. | 25.1 | 21.1 | 18.8 | 21.8 | 70 | .. | 1.1 | .. | 17.1 | 0 | 10 | 18 | 02 | 1 | 1 | 0 | 0 | 0 | 7 | 17 | 0 | 0 |
| | 2330 | 7 | 1014.0 | 1013.2 | .. | 23.1 | 20.6 | 19.2 | 22.1 | 79 | .. | 0.5 | .. | 20.2 | 0 | 15 | 13 | 08 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1012.4 | 1010.1 | .. | 15.9 | 13.6 | 11.4 | 13.7 | 76 | .. | 0.9 | .. | 5.8 | 0 | 0 | 17 | 01 | 1 | 4 | 1 | 0 | 2 | 5 | 3 | 11 | 0 |
| | 0830 | 20 | 1013.9 | 1011.5 | -0.9 | 18.0 | 14.5 | 11.5 | 13.7 | 67 | + 7 | 1.3 | -0.3 | 6.0 | 0 | 2 | 15 | 00 | 4 | 4 | 2 | 3 | 2 | 1 | 1 | 11 | 0 |
| | 1130 | 20 | 1014.7 | 1012.4 | .. | 27.5 | 18.9 | 12.7 | 14.9 | 41 | .. | 1.0 | .. | 19.3 | 0 | 11 | 17 | 03 | 11 | 5 | 1 | 0 | 0 | 4 | 4 | 0 | 0 |
| | 1730 | 20 | 1011.1 | 1008.9 | -0.2 | 29.2 | 19.2 | 11.8 | 14.1 | 36 | + 4 | 1.1 | +0.1 | 19.2 | 0 | 11 | 17 | 14 | 4 | 0 | 0 | 0 | 0 | 5 | 5 | 0 | 0 |
| | 2330 | 20 | 1013.0 | 1010.7 | .. | 20.4 | 17.4 | 15.3 | 17.5 | 73 | .. | 0.6 | .. | 8.8 | 0 | 20 | 1 | 02 | 2 | 0 | 1 | 0 | 1 | 9 | 6 | 7 | 0 |
| Dwarka | 0830 | 11 | 1014.3 | 1013.0 | -0.6 | 21.9 | .. | .. | .. | .. | .. | 1.4 | -0.4 | 11.9 | 0 | 3 | 25 | 09 | 10 | 3 | 0 | 0 | 0 | 5 | 1 | 0 | 0 |
| | 1730 | 11 | 1011.6 | 1010.3 | -0.9 | 26.1 | .. | .. | .. | .. | .. | 0.8 | -0.5 | 18.2 | 0 | 14 | 14 | 05 | 2 | 0 | 0 | 0 | 0 | 14 | 7 | 0 | 0 |
| Rajkot | 0530 | 138 | 1012.7 | 996.4 | .. | 17.2 | 12.1 | 6.3 | 10.0 | 52 | .. | 0.5 | .. | 6.2 | 0 | 0 | 16 | 00 | 2 | 3 | 0 | 0 | 4 | 2 | 5 | 12 | 0 |
| | 0830 | 138 | 1014.5 | 998.5 | +0.0 | 19.8 | 13.8 | 7.4 | 10.9 | 49 | - 8 | 0.7 | -0.7 | 5.1 | 0 | 1 | 12 | 00 | 4 | 3 | 0 | 0 | 3 | 1 | 2 | 15 | 0 |
| | 1130 | 138 | 1014.2 | 998.7 | .. | 29.1 | 17.7 | 7.7 | 10.9 | 28 | .. | 0.5 | .. | 20.1 | 0 | 17 | 10 | 01 | 11 | 5 | 2 | 0 | 0 | 2 | 4 | 1 | 2 |
| | 1430 | 138 | 1011.0 | 995.7 | .. | 32.2 | 18.1 | 5.5 | 9.3 | 20 | .. | 0.3 | .. | 16.9 | 0 | 10 | 18 | 01 | 8 | 6 | 1 | 1 | 2 | 2 | 5 | 0 | 2 |
| | 1730 | 138 | 1010.3 | 995.0 | -0.5 | 32.2 | 17.7 | 4.4 | 8.5 | 18 | - 1 | 0.5 | -0.8 | 19.5 | 0 | 13 | 15 | 03 | 11 | 2 | 0 | 0 | 0 | 3 | 8 | 0 | 1 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1014.3 | 1013.1 | -0.5 | 20.2 | 13.5 | 6.6 | 10.1 | 43 | - 1 | 0.8 | -0.3 | 10.0 | 0 | 2 | 23 | 04 | 1 | 0 | 0 | 0 | 1 | 5 | 14 | 3 | 0 |
| | 1130 | 11 | 1014.8 | 1013.6 | .. | 28.3 | 17.3 | 7.6 | 10.8 | 29 | .. | 0.8 | .. | 13.9 | 0 | 5 | 22 | 06 | 17 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 11 | 1010.7 | 1009.5 | -0.2 | 31.7 | 17.8 | 4.7 | 9.1 | 20 | - 1 | 0.5 | -0.7 | 19.1 | 0 | 12 | 16 | 02 | 10 | 7 | 4 | 4 | 1 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1014.1 | 1013.1 | -0.3 | 20.7 | 15.5 | 10.8 | 13.4 | 57 | -13 | 1.0 | -0.1 | 6.0 | 0 | 0 | 26 | 02 | 4 | 3 | 7 | 1 | 3 | 2 | 4 | 2 | 0 |
| | 1130 | 7 | 1014.6 | 1013.8 | .. | 30.5 | 18.9 | 9.5 | 12.3 | 30 | .. | 0.7 | .. | 15.4 | 0 | 9 | 19 | 03 | 9 | 6 | 0 | 0 | 3 | 2 | 3 | 0 | 2 |
| | 1730 | 7 | 1011.1 | 1010.3 | -0.4 | 29.4 | 20.2 | 14.0 | 16.2 | 41 | -14 | 0.7 | -0.3 | 20.9 | 0 | 20 | 8 | 01 | 0 | 0 | 0 | 0 | 3 | 24 | 0 | 0 | 0 |
| Keshod | 0830 | 51 | 1014.0 | 1008.0 | -1.2 | 19.5 | 13.0 | 5.7 | 9.7 | 45 | - 7 | 0.4 | -0.4 | 12.7 | 0 | 3 | 25 | 04 | 12 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 51 | 1014.3 | 1008.5 | .. | 29.8 | 16.8 | 4.0 | 8.6 | 22 | .. | 0.4 | .. | 21.2 | 0 | 14 | 14 | 03 | 12 | 7 | 0 | 0 | 0 | 2 | 4 | 0 | 0 |
| | 1730 | 51 | 1010.5 | 1004.8 | -0.9 | 32.2 | 17.9 | 4.4 | 8.9 | 19 | - 3 | 0.4 | -0.1 | 23.1 | 0 | 21 | 7 | 03 | 2 | 0 | 1 | 2 | 7 | 11 | 2 | 0 | 0 |
| Mahuva | 0830 | 9 | 1013.3 | 1012.3 | .. | 19.4 | 15.7 | 12.5 | 14.9 | 67 | .. | 1.2 | .. | 2.7 | 0 | 0 | 23 | 09 | 4 | 3 | 1 | 2 | 1 | 1 | 2 | 5 | 0 |
| | 1730 | 9 | 1010.5 | 1009.5 | .. | 30.6 | 24.6 | 21.2 | 25.9 | 60 | .. | 0.5 | .. | 5.6 | 0 | 0 | 28 | 01 | 3 | 3 | 15 | 2 | 4 | 0 | 0 | 0 | 0 |
| Veraval | 0230 | 8 | 1012.1 | 1011.2 | .. | 19.6 | 15.1 | 11.1 | 13.6 | 61 | .. | 0.4 | .. | 13.9 | 0 | 6 | 21 | 14 | 5 | 1 | 0 | 0 | 0 | 0 | 7 | 1 | 0 |
| | 0530 | 8 | 1011.8 | 1010.9 | .. | 18.9 | 13.7 | 8.5 | 11.5 | 55 | .. | 0.7 | .. | 14.6 | 0 | 6 | 22 | 18 | 6 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| | 0830 | 8 | 1013.7 | 1012.8 | -0.9 | 20.5 | 14.4 | 8.4 | 11.5 | 50 | - 6 | 0.7 | -0.4 | 13.4 | 0 | 5 | 21 | 10 | 12 | 1 | 0 | 1 | 0 | 0 | 2 | 2 | 0 |
| | 1130 | 8 | 1014.2 | 1013.3 | .. | 29.3 | 19.5 | 11.8 | 14.7 | 39 | .. | 0.4 | .. | 16.9 | 0 | 8 | 20 | 00 | 8 | 0 | 2 | 4 | 2 | 9 | 3 | 0 | 0 |
| | 1430 | 8 | 1011.7 | 1010.8 | .. | 28.2 | 21.7 | 17.7 | 20.6 | 56 | .. | 0.7 | .. | 21.4 | 0 | 19 | 9 | 00 | 2 | 0 | 1 | 3 | 11 | 9 | 2 | 0 | 0 |
| | 1730 | 8 | 1011.1 | 1010.2 | -0.2 | 26.8 | 22.3 | 19.9 | 23.2 | 67 | - 1 | 0.5 | -0.4 | 19.0 | 0 | 12 | 16 | 00 | 0 | 0 | 1 | 1 | 8 | 15 | 3 | 0 | 0 |
| | 2030 | 8 | 1012.7 | 1011.8 | .. | 24.4 | 20.9 | 18.9 | 21.8 | 72 | .. | 0.4 | .. | 12.4 | 0 | 6 | 20 | 02 | 0 | 0 | 1 | 2 | 0 | 11 | 10 | 2 | 0 |
| | 2330 | 8 | 1013.2 | 1012.3 | .. | 21.7 | 18.2 | 15.7 | 18.1 | 70 | .. | 0.4 | .. | 10.2 | 0 | 4 | 21 | 09 | 4 | 1 | 0 | 0 | 0 | 1 | 10 | 3 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1013.3 | 1012.8 | +0.3 | 21.2 | 17.2 | 14.2 | 16.4 | 64 | - 3 | 0.0 | -1.2 | 7.6 | 0 | 1 | 26 | 03 | 4 | 5 | 14 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 1730 | 5 | 1010.8 | 1010.3 | +0.5 | 27.8 | 24.0 | 22.1 | 26.7 | 72 | + 2 | 0.0 | -0.5 | 15.5 | 0 | 2 | 26 | 21 | 0 | 0 | 0 | 0 | 0 | 1 | 6 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1011.4 | 1009.7 | .. | 21.0 | 17.4 | 14.6 | 16.9 | 68 | .. | 0.3 | .. | 2.8 | 0 | 0 | 11 | 04 | 2 | 3 | 1 | 0 | 0 | 0 | 1 | 17 | 0 |
| | 0530 | 14 | 1011.2 | 1009.5 | .. | 20.2 | 16.6 | 13.6 | 15.6 | 69 | .. | 0.2 | .. | 2.7 | 0 | 0 | 11 | 02 | 5 | 4 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 14 | 1013.3 | 1011.6 | +0.0 | 23.0 | 17.5 | 13.2 | 15.6 | 56 | - 5 | 0.6 | -0.6 | 3.4 | 0 | 0 | 13 | 00 | 2 | 9 | 2 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 1130 | 14 | 1013.4 | 1011.8 | .. | 31.2 | 20.1 | 11.9 | 14.5 | 33 | .. | 0.6 | .. | 9.4 | 0 | 0 | 24 | 01 | 4 | 2 | 6 | 1 | 0 | 3 | 7 | 4 | 0 |
| | 1430 | 14 | 1010.5 | 1008.8 | .. | 31.6 | 21.4 | 14.6 | 17.1 | 38 | .. | 0.6 | .. | 15.4 | 0 | 5 | 23 | 01 | 1 | 0 | 0 | 0 | 0 | 8 | 18 | 0 | 0 |
| | 1730 | 14 | 1009.9 | 1008.3 | -0.2 | 29.4 | 21.5 | 16.3 | 18.8 | 46 | + 1 | 0.5 | -0.5 | 14.5 | 0 | 5 | 23 | 06 | 0 | 0 | 0 | 0 | 0 | 4 | 18 | 0 | 0 |
| | 2030 | 14 | 1011.6 | 1009.9 | .. | 25.7 | 20.1 | 16.5 | 19.0 | 58 | .. | 0.1 | .. | 7.9 | 0 | 0 | 22 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 6 | 0 |
| | 2330 | 14 | 1012.3 | 1010.6 | .. | 22.9 | 18.6 | 15.7 | 17.9 | 65 | .. | 0.3 | .. | 2.7 | 0 | 0 | 12 | 02 | 3 | 4 | 0 | 0 | 0 | 0 | 3 | 16 | 0 |
| Bombay | 0830 | 11 | 1013.2 | 1012.0 | -0.2 | 23.2 | 19.7 | 17.6 | 20.1 | 71 | - 1 | 0.5 | -0.5 | 7.4 | 0 | 0 | 28 | 08 | 6 | 10 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 11 | 1013.5 | 1012.3 | .. | 29.1 | 21.3 | 16.6 | 19.0 | 48 | .. | 0.5 | .. | 6.6 | 0 | 0 | 28 | 00 | 2 | 13 | 7 | 0 | 0 | 1 | 5 | 0 | 0 |
| | 1730 | 11 | 1010.0 | 1008.8 | -0.6 | 28.3 | 22.5 | 19.3 | 22.5 | 59 | - 3 | 0.4 | -0.4 | 14.1 | 0 | 4 | 24 | 02 | 0 | 0 | 0 | 0 | 0 | 6 | 20 | 0 | 0 |
| Alibag | 0830 | 7 | 1013.1 | 1012.3 | -0.5 | 22.3 | 19.8 | 17.7 | 21.0 | 76 | + 6 | 0.1 | -0.9 | 4.6 | 0 | 0 | 25 | 04 | 6 | 14 | 1 | 0 | 0 | 0 | 0 | 3 | 0 |
| Bhira | 0830 | 96 | 1013.0 | 1001.9 | .. | 18.9 | 15.9 | 13.6 | 15.7 | 72 | .. | 0.3 | .. | 2.4 | 0 | 0 | 12 | 01 | 3 | 2 | 4 | 2 | 0 | 0 | 0 | 16 | 0 |
| | 1730 | 96 | 1008.0 | 997.5 | .. | 35.3 | 21.7 | 12.6 | 14.9 | 27 | .. | 0.1 | .. | 2.8 | 0 | 19 | 1 | 00 | 0 | 0 | 0 | 1 | 11 | 3 | 5 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KONKAN (INCLUDING GOA) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harnai | 0830 | 20 | 1012.7 | 1010.4 | +0.2 | 25.5 | 21.6 | 19.4 | 22.5 | 70 | +11 | 0.6 | -1.1 | 11.2 | 0 | 6 | 16 | 06 | 1 | 9 | 2 | 2 | 0 | 0 | 2 | 6 | 0 |
| | 1730 | 20 | 1009.9 | 1007.6 | +0.2 | 27.7 | 25.5 | 24.5 | 30.7 | 83 | +11 | 0.7 | -0.6 | 25.4 | 0 | 17 | 11 | 18 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1012.7 | 1008.6 | +0.0 | 22.7 | 18.4 | 15.3 | 17.6 | 65 | - 4 | 0.0 | -1.8 | 3.0 | 0 | 0 | 20 | 00 | 2 | 11 | 7 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 35 | 1009.3 | 1005.3 | -0.4 | 29.5 | 23.2 | 19.8 | 23.2 | 57 | - 3 | 0.2 | -1.6 | 5.5 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 1 | 14 | 13 | 0 | 0 |
| Devgarh | 0830 | 36 | 1012.5 | 1008.4 | -0.1 | 23.2 | 20.2 | 18.4 | 21.3 | 75 | + 2 | 0.6 | -1.3 | 10.9 | 0 | 0 | 27 | 01 | 2 | 23 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 1730 | 36 | 1009.2 | 1005.2 | -0.1 | 29.3 | 24.1 | 21.5 | 25.8 | 65 | + 0 | 0.4 | -1.3 | 22.4 | 0 | 17 | 11 | 01 | 0 | 0 | 0 | 0 | 0 | 7 | 20 | 0 | 0 |
| Vengurla | 0230 | 9 | 1011.1 | 1010.1 | .. | 21.2 | 19.5 | 18.4 | 21.3 | 84 | .. | 0.3 | .. | 1.1 | 0 | 0 | 7 | 06 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0530 | 9 | 1010.8 | 1009.8 | .. | 20.0 | 18.7 | 17.8 | 20.5 | 87 | .. | 0.3 | .. | 1.6 | 0 | 0 | 11 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 9 | 1013.2 | 1012.2 | +0.3 | 21.9 | 19.3 | 17.6 | 20.2 | 77 | + 2 | 0.5 | -1.0 | 2.0 | 0 | 0 | 13 | 11 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 15 | 0 |
| | 1130 | 9 | 1013.1 | 1012.1 | .. | 30.5 | 21.6 | 15.8 | 18.5 | 43 | .. | 0.4 | .. | 5.3 | 0 | 0 | 26 | 03 | 2 | 3 | 2 | 5 | 4 | 6 | 1 | 2 | 0 |
| | 1730 | 9 | 1009.5 | 1008.5 | -0.1 | 29.5 | 23.4 | 20.1 | 23.8 | 58 | + 1 | 0.6 | -0.8 | 7.8 | 0 | 0 | 28 | 01 | 0 | 0 | 0 | 0 | 0 | 23 | 4 | 0 | 0 |
| | 2330 | 9 | 1012.0 | 1011.0 | .. | 22.8 | 20.7 | 19.5 | 22.7 | 82 | .. | 0.5 | .. | 2.4 | 0 | 0 | 13 | 11 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 15 | 0 |
| Panjim | 0530 | 60 | 1010.4 | 1003.5 | .. | 21.7 | 20.1 | 19.2 | 22.2 | 86 | .. | 0.1 | .. | 10.1 | 0 | 0 | 28 | 01 | 9 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 60 | 1012.6 | 1005.7 | .. | 22.0 | 19.8 | 18.5 | 21.3 | 81 | .. | 1.1 | .. | 7.3 | 0 | 0 | 28 | 00 | 7 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 60 | 1012.8 | 1006.1 | .. | 29.8 | 21.5 | 16.0 | 18.9 | 46 | .. | 1.0 | .. | 8.3 | 0 | 0 | 27 | 03 | 2 | 5 | 3 | 2 | 4 | 5 | 3 | 1 | 0 |
| | 1430 | 60 | 1009.8 | 1003.1 | .. | 31.2 | 23.0 | 18.0 | 21.4 | 48 | .. | 1.2 | .. | 13.1 | 0 | 1 | 27 | 00 | 0 | 1 | 0 | 0 | 5 | 17 | 5 | 0 | 0 |
| | 1730 | 60 | 1009.0 | 1002.3 | .. | 29.3 | 23.2 | 20.0 | 23.5 | 58 | .. | 0.7 | .. | 14.1 | 0 | 3 | 25 | 01 | 0 | 0 | 0 | 0 | 1 | 15 | 11 | 0 | 0 |
| | 2030 | 60 | 1010.8 | 1004.0 | .. | 26.2 | 22.7 | 20.9 | 24.7 | 73 | .. | 0.3 | .. | 6.8 | 0 | 0 | 25 | 12 | 2 | 0 | 0 | 0 | 0 | 1 | 10 | 3 | 0 |
| | 2330 | 60 | 1011.7 | 1004.9 | .. | 24.7 | 21.8 | 20.1 | 23.8 | 76 | .. | 0.3 | .. | 6.8 | 0 | 0 | 26 | 09 | 10 | 2 | 1 | 0 | 0 | 0 | 4 | 2 | 0 |
| Mormugao | 0530 | 62 | 1010.2 | 1003.1 | .. | 23.5 | 21.0 | 19.5 | 22.9 | 79 | .. | 0.6 | .. | 9.5 | 0 | 2 | 25 | 02 | 10 | 13 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 0830 | 62 | 1012.2 | 1005.2 | -0.8 | 25.1 | 21.1 | 18.6 | 21.8 | 69 | - 3 | 1.3 | -0.6 | 9.4 | 0 | 2 | 24 | 02 | 7 | 12 | 1 | 4 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 62 | 1012.3 | 1005.3 | .. | 28.6 | 22.1 | 18.0 | 21.3 | 55 | .. | 0.9 | .. | 11.7 | 0 | 2 | 26 | 05 | 2 | 5 | 0 | 4 | 5 | 2 | 5 | 0 | 0 |
| | 1730 | 62 | 1008.7 | 1001.7 | -0.8 | 28.6 | 23.7 | 21.1 | 25.3 | 64 | - 2 | 0.9 | -0.8 | 18.6 | 0 | 14 | 14 | 01 | 0 | 0 | 0 | 0 | 4 | 12 | 11 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1010.7 | 1004.8 | .. | 22.2 | 20.6 | 19.6 | 22.9 | 85 | .. | 0.7 | .. | 7.8 | 0 | 0 | 17 | 02 | 9 | 4 | 1 | 1 | 0 | 0 | 0 | 11 | 0 |
| | 0830 | 52 | 1013.0 | 1007.1 | .. | 24.4 | 20.6 | 18.0 | 21.1 | 69 | .. | 1.7 | .. | 9.5 | 0 | 0 | 20 | 01 | 6 | 7 | 1 | 5 | 0 | 0 | 0 | 8 | 0 |
| | 1130 | 52 | 1013.0 | 1007.3 | .. | 29.3 | 21.9 | 17.2 | 20.2 | 51 | .. | 1.1 | .. | 15.9 | 0 | 4 | 24 | 05 | 1 | 14 | 2 | 2 | 8 | 2 | 4 | 0 | 0 |
| | 1730 | 52 | 1009.2 | 1003.4 | .. | 29.1 | 23.3 | 20.2 | 23.8 | 60 | .. | 0.9 | .. | 23.0 | 0 | 17 | 11 | 03 | 0 | 0 | 0 | 0 | 0 | 9 | 16 | 0 | 0 |
| | 2330 | 52 | 1011.9 | 1006.0 | .. | 25.4 | 22.6 | 21.2 | 25.2 | 77 | .. | 0.6 | .. | 12.1 | 0 | 3 | 17 | 06 | 12 | 2 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| MADHYA MAHARASHTRA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1013.5 | 989.9 | -1.2 | 23.1 | 15.4 | 7.6 | 11.2 | 41 | + 0 | 0.0 | -0.4 | 6.2 | 0 | 0 | 26 | 00 | 2 | 10 | 4 | 0 | 4 | 6 | 0 | 2 | 0 |
| | 1730 | 206 | 1009.3 | 986.8 | -0.1 | 33.4 | 20.8 | 11.0 | 14.3 | 28 | + 6 | 0.0 | -0.5 | 5.2 | 0 | 0 | 26 | 00 | 1 | 8 | 1 | 1 | 0 | 12 | 3 | 2 | 0 |
| Jalgaon | 0830 | 201 | 1014.7 | 991.3 | +0.5 | 18.1 | 10.5 | 0.5 | 6.6 | 32 | -13 | 0.7 | -0.3 | 5.6 | 0 | 0 | 20 | 00 | 0 | 9 | 5 | 0 | 3 | 3 | 0 | 8 | 0 |
| | 1730 | 201 | 1009.2 | 987.1 | +0.5 | 34.2 | 17.6 | 0.7 | 6.7 | 13 | - 4 | 1.2 | +0.1 | 8.1 | 0 | 1 | 22 | 01 | 3 | 4 | 1 | 0 | 1 | 7 | 6 | 5 | 0 |
| Malegaon | 0830 | 437 | 1015.4 | 965.2 | +0.6 | 17.7 | 12.3 | 6.7 | 9.9 | 49 | + 6 | 0.5 | -0.5 | 2.4 | 0 | 0 | 25 | 03 | 1 | 0 | 0 | 1 | 6 | 7 | 7 | 3 | 0 |
| | 1730 | 437 | 1008.4 | 960.9 | +0.2 | 32.9 | 19.1 | 7.7 | 10.9 | 22 | + 1 | 1.0 | -0.5 | 6.0 | 0 | 1 | 27 | 06 | 5 | 2 | 2 | 3 | 2 | 5 | 3 | 0 | 0 |
| Ozar | 0830 | 608 | 1014.6 | 945.8 | .. | 18.5 | 12.6 | 7.4 | 10.3 | 49 | .. | 0.2[h] | .. | 5.7[h] | 0 | 0 | 21 | 03 | 2 | 3 | 3 | 1 | 2 | 2 | 5 | 2 | 0 |
| | 1130[h] | 608 | 1013.1 | 946.5 | .. | 28.3 | 15.8 | 5.2 | 8.8 | 23 | .. | 0.3 | .. | 14.7 | 0 | 6 | 17 | 00 | 3 | 5 | 9 | 2 | 1 | 1 | 2 | 0 | 0 |
| | 1730 | 608 | 1008.3 | 942.7 | .. | 31.1 | 16.3 | 3.3 | 7.7 | 17 | .. | 0.6[h] | .. | 12.0[h] | 0 | 4 | 19 | 02 | 0 | 5 | 4 | 2 | 2 | 6 | 2 | 0 | 0 |
| Ahmadnagar | 0830 | 657 | 1015.0 | 941.0 | +0.7 | 19.0 | 11.9 | 4.9 | 8.8 | 41 | - 3 | 0.6 | -0.3 | 3.2 | 0 | 0 | 16 | 01 | 2 | 0 | 1 | 2 | 1 | 0 | 9 | 12 | 0 |
| | 1730 | 657 | 1007.3 | 937.0 | +0.4 | 32.2 | 17.4 | 5.2 | 8.9 | 19 | - 4 | 0.7 | -0.9 | 8.0 | 0 | 0 | 27 | 01 | 7 | 0 | 6 | 0 | 5 | 1 | 7 | 1 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1012.4 | 945.4 | .. | 19.3 | 12.9 | 6.5 | 10.2 | 47 | .. | 0.1 | .. | 6.4 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 14 | 4 | 10 | 0 |
| | 0530 | 593 | 1012.8 | 945.3 | .. | 17.0 | 11.9 | 6.7 | 10.2 | 54 | .. | 0.0 | .. | 2.6 | 0 | 0 | 8 | 00 | 2 | 0 | 0 | 0 | 1 | 3 | 2 | 20 | 0 |
| | 0830 | 593 | 1014.5 | 947.4 | .. | 18.4 | 12.4 | 6.6 | 10.1 | 48 | .. | 0.4 | .. | 4.1 | 0 | 0 | 12 | 00 | 1 | 3 | 1 | 0 | 0 | 4 | 2 | 16 | 1 |
| | 1130 | 593 | 1012.5 | 947.5 | .. | 28.1 | 16.2 | 6.6 | 9.7 | 25 | .. | 0.5 | .. | 13.4 | 0 | 3 | 22 | 00 | 4 | 15 | 1 | 1 | 0 | 1 | 3 | 3 | 0 |
| | 1730 | 593 | 1007.4 | 943.5 | .. | 31.7 | 17.1 | 2.4 | 8.8 | 16 | .. | 0.7 | .. | 17.3 | 0 | 11 | 14 | 00 | 1 | 6 | 2 | 3 | 2 | 10 | 1 | 3 | 0 |
| | 2330 | 593 | 1012.5 | 946.1 | .. | 21.6 | 13.9 | 6.7 | 10.4 | 41 | .. | 0.3 | .. | 12.2 | 0 | 0 | 27 | 00 | 2 | 1 | 1 | 0 | 0 | 19 | 4 | 1 | 0 |
| Poona | 0530 | 559 | 1013.6 | 949.3 | .. | 14.1 | 10.4 | 6.6 | 9.9 | 61 | .. | 0.1 | .. | 0.5 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 25 | 0 |
| | 0830 | 559 | 1015.2 | 951.6 | +0.5 | 18.0 | 12.8 | 8.2 | 11.0 | 54 | + 1 | 0.4 | -0.5 | 0.6 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 24 | 0 |
| | 1130 | 559 | 1012.6 | 951.3 | .. | 28.5 | 17.3 | 8.6 | 11.5 | 30 | .. | 0.4 | .. | 6.2 | 0 | 1 | 23 | 00 | 3 | 13 | 4 | 0 | 0 | 2 | 2 | 4 | 0 |
| | 1430 | 559 | 1008.2 | 947.9 | .. | 32.4 | 18.1 | 7.1 | 10.4 | 22 | .. | 0.6 | .. | 10.0 | 0 | 3 | 24 | 01 | 2 | 10 | 3 | 1 | 2 | 6 | 2 | 1 | 0 |
| | 1730 | 559 | 1007.7 | 947.3 | +0.1 | 31.8 | 17.8 | 6.6 | 10.1 | 22 | - 1 | 0.7 | -0.6 | 10.3 | 0 | 4 | 23 | 00 | 3 | 8 | 3 | 0 | 0 | 8 | 5 | 1 | 0 |
| | 2030 | 559 | 1011.4 | 949.4 | .. | 24.9 | 15.8 | 8.3 | 11.3 | 36 | .. | 0.1 | .. | 6.1 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 15 | 3 | 10 | 0 |
| | 2330 | 559 | 1013.0 | 950.1 | .. | 20.4 | 13.7 | 7.9 | 10.8 | 46 | .. | 0.0 | .. | 0.8 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 23 | 0 |
| Jeur | 0830 | 521 | 1014.5 | 955.2 | +0.3 | 18.4 | 11.4 | 4.5 | 8.4 | 41 | - 6 | 0.4 | -0.6 | 1.9 | 0 | 0 | 16 | 05 | 4 | 0 | 0 | 1 | 2 | 1 | 3 | 12 | 0 |
| | 1730 | 521 | 1007.1 | 950.9 | +0.2 | 33.2 | 17.4 | 4.4 | 8.4 | 17 | -12 | 0.5 | -1.0 | 9.9 | 0 | 3 | 25 | 01 | 4 | 8 | 3 | 0 | 3 | 7 | 2 | 0 | 0 |
| Baramati | 0830 | 551 | 1014.8 | 952.5 | +0.6 | 19.8 | 14.7 | 10.8 | 13.0 | 57 | + 8 | 0.1 | -0.6 | 6.0 | 0 | 0 | 25 | 02 | 0 | 3 | 2 | 3 | 3 | 6 | 6 | 3 | 0 |
| | 1730 | 551 | 1007.3 | 948.0 | +0.5 | 32.6 | 21.4 | 14.8 | 17.3 | 35 | +12 | 0.4 | -0.9 | 13.3 | 0 | 7 | 21 | 00 | 1 | 4 | 11 | 4 | 1 | 6 | 1 | 0 | 0 |
| Sholapur | 0530 | 479 | 1012.4 | 958.1 | .. | 19.5 | 12.7 | 6.5 | 9.8 | 44 | .. | 0.1 | .. | 3.1 | 0 | 0 | 16 | 04 | 2 | 2 | 4 | 1 | 0 | 0 | 3 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km per hour | Wind Speed (Km p.h.) 62 or more | Wind Speed (Km p.h.) 20 to 61 | Wind Speed (Km p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA MAHARASHTRA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sholapur (Contd.) | 0830 | 479 | 1014.4 | 960.6 | +0.8 | 22.7 | 14.3 | 6.9 | 10.2 | 37 | - 2 | 0.3 | -0.7 | 5.1 | 0 | 0 | 26 | 03 | 9 | 0 | 9 | 0 | 2 | 0 | 3 | 2 | 0 |
| | 1130 | 479 | 1012.5 | 960.0 | .. | 30.4 | 18.0 | 8.8 | 11.5 | 27 | .. | 0.3 | .. | 8.8 | 0 | 1 | 25 | 02 | 2 | 2 | 10 | 6 | 3 | 0 | 1 | 2 | 0 |
| | 1730 | 479 | 1007.7 | 955.9 | +0.3 | 33.1 | 18.2 | 6.8 | 10.0 | 20 | - 2 | 0.3 | -1.5 | 6.4 | 0 | 1 | 25 | 05 | 7 | 2 | 6 | 1 | 2 | 1 | 2 | 2 | 0 |
| | 2330 | 479 | 1011.8 | 958.4 | .. | 24.7 | 14.5 | 5.4 | 9.1 | 30 | .. | 0.1 | .. | 7.7 | 0 | 0 | 25 | 02 | 5 | 6 | 5 | 4 | 0 | 0 | 3 | 3 | 0 |
| Miraj | 0830 | 554 | 1014.6 | 952.0 | +0.5 | 19.1 | 14.3 | 10.2 | 12.9 | 58 | + 2 | 1.0 | +0.0 | .. | 0(E) | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 26 | 0 |
| Kolhapur | 1730 | 554 | 1007.3 | 947.7 | +0.4 | 32.5 | 19.4 | 10.4 | 12.6 | 27 | - 5 | 0.9 | -0.8 | .. | 0(E) | 5 | 13 | 00 | 0 | 11 | 0 | 0 | 1 | 6 | 0 | 10 | 0 |
| | 0530 | 570 | 1012.5 | 947.7 | .. | 17.1 | 12.9 | 9.4 | 11.9 | 62 | .. | 0.0 | .. | 3.4 | 0 | 0 | 18 | 00 | 0 | 6 | 0 | 1 | 0 | 11 | 0 | 10 | 0 |
| | 0830 | 570 | 1014.3 | 950.0 | +0.5 | 19.9 | 13.7 | 8.4 | 11.2 | 49 | - 6 | 0.2 | -1.0 | 2.4 | 0 | 0 | 15 | 00 | 1 | 12 | 0 | 0 | 0 | 2 | 0 | 13 | 0 |
| | 1130 | 570 | 1012.0 | 949.8 | .. | 29.3 | 18.1 | 10.0 | 12.5 | 31 | .. | 0.5 | .. | 9.9 | 0 | 2 | 24 | 01 | 2 | 18 | 2 | 0 | 1 | 2 | 0 | 2 | 0 |
| | 1730 | 570 | 1007.0 | 945.7 | +0.3 | 31.9 | 19.0 | 9.6 | 12.5 | 28 | + 6 | 0.5 | -1.1 | 9.3 | 0 | 0 | 28 | 01 | 1 | 13 | 4 | 0 | 0 | 7 | 2 | 0 | 0 |
| | 2330 | 570 | 1012.3 | 948.7 | .. | 22.0 | 15.7 | 11.1 | 12.9 | 51 | .. | 0.1 | .. | 7.0 | 0 | 0 | 25 | 01 | 0 | 7 | 0 | 1 | 0 | 16 | 0 | 3 | 0 |
| MARATHWADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1014.6 | 949.5 | +0.4 | 21.7 | 12.6 | 3.5 | 8.0 | 33 | - 8 | 0.3 | -0.6 | 4.4 | 0 | 1 | 17 | 01 | 0 | 14 | 1 | 0 | 0 | 2 | 0 | 10 | 0 |
| Aurangabad (Chikalthan) | 1730 | 581 | 1008.4 | 945.8 | +0.4 | 31.8 | 16.2 | 1.4 | 7.0 | 15 | - 8 | 0.7 | -0.8 | 7.8 | 0 | 2 | 25 | 01 | 1 | 7 | 3 | 1 | 1 | 11 | 2 | 1 | 0 |
| | 0230 | 579 | 1012.9 | 946.9 | .. | 16.9 | 9.6 | 1.1 | 6.7 | 37 | .. | 0.4 | .. | 2.7 | 0 | 0 | 6 | 01 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 22 | 0 |
| | 0530 | 579 | 1013.4 | 946.9 | .. | 14.7 | 8.5 | 0.6 | 6.6 | 41 | .. | 0.0 | .. | 1.8 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 24 | 0 |
| | 0830 | 579 | 1014.3 | 949.1 | +0.2 | 20.5 | 11.8 | 2.6 | 7.5 | 32 | -12 | 0.6 | -0.3 | 5.1 | 0 | 1 | 10 | 01 | 0 | 3 | 0 | 1 | 0 | 6 | 0 | 17 | 0 |
| | 1130 | 579 | 1012.5 | 949.2 | .. | 29.1 | 15.6 | 3.1 | 7.9 | 20 | .. | 0.7 | .. | 13.0 | 0 | 2 | 25 | 01 | 1 | 10 | 8 | 1 | 1 | 2 | 3 | 1 | 0 |
| | 1430 | 579 | 1008.5 | 946.0 | .. | 32.0 | 16.5 | 2.0 | 7.5 | 16 | .. | 0.6 | .. | 15.9 | 0 | 7 | 21 | 01 | 3 | 7 | 3 | 2 | 3 | 5 | 4 | 0 | 0 |
| | 1730 | 579 | 1007.8 | 945.3 | +0.1 | 31.6 | 16.3 | 1.8 | 7.4 | 16 | -13 | 1.0 | -0.4 | 13.5 | 0 | 1 | 26 | 00 | 3 | 8 | 3 | 1 | 0 | 10 | 2 | 1 | 0 |
| | 2030 | 579 | 1011.7 | 947.1 | .. | 22.7 | 12.3 | 1.1 | 6.8 | 25 | .. | 0.5 | .. | 4.4 | 0 | 0 | 11 | 06 | 2 | 0 | 0 | 0 | 0 | 2 | 1 | 17 | 0 |
| | 2330 | 579 | 1013.1 | 947.6 | .. | 19.0 | 10.5 | 0.6 | 6.6 | 31 | .. | 0.4 | .. | 3.9 | 0 | 0 | 8 | 02 | 0 | 1 | 0 | 0 | 0 | 1 | 4 | 20 | 0 |
| Parbhani | 0830 | 423 | 1015.1 | 967.0 | +0.7 | 20.5 | 12.6 | 4.1 | 8.2 | 35 | - 2 | 0.2 | -0.9 | 2.9 | 0 | 0 | 20 | 00 | 7 | 1 | 1 | 0 | 3 | 2 | 6 | 8 | 0 |
| | 1730 | 423 | 1008.4 | 962.5 | +0.3 | 33.3 | 18.1 | 4.0 | 8.4 | 17 | - 3 | 0.6 | -1.1 | 6.4 | 0 | 0 | 27 | 00 | 8 | 7 | 2 | 1 | 2 | 3 | 4 | 1 | 0 |
| Nander | 0830 | 358 | 1014.7 | 973.8 | .. | 21.3 | 14.6 | 8.7 | 11.2 | 45 | .. | 0.0 | .. | 1.8 | 0 | 0 | 10 | 00 | 1 | 0 | 3 | 0 | 1 | 2 | 3 | 18 | 0 |
| | 1730 | 358 | 1009.4 | 970.2 | .. | 32.2 | 19.9 | 10.7 | 13.2 | 27 | .. | 1.2 | .. | 3.0 | 0 | 0 | 16 | 01 | 3 | 1 | 7 | 0 | 3 | 0 | 1 | 12 | 0 |
| Bir | 0830 | 519 | 1015.5 | 956.7 | .. | 19.6 | 14.1 | 9.8 | 12.1 | 54 | .. | 0.0 | .. | 3.2 | 0 | 0 | 20 | 00 | 0 | 0 | 8 | 0 | 8 | 0 | 4 | 8 | 0 |
| | 1730 | 519 | 1007.9 | 951.8 | .. | 32.6 | 19.2 | 10.1 | 12.4 | 27 | .. | 0.2 | .. | 5.9 | 0 | 0 | 26 | 00 | 9 | 0 | 8 | 0 | 3 | 0 | 6 | 2 | 0 |
| VIDARBHA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1015.0 | 979.2 | +0.4 | 20.9 | 13.9 | 7.1 | 10.2 | 42 | -15 | 0.2 | -1.2 | 1.8 | 0 | 0 | 17 | 02 | 5 | 2 | 2 | 1 | 1 | 0 | 3 | 11 | 1 |
| Nagpur (Sonegaon) | 1730 | 313 | 1009.3 | 975.0 | +0.0 | 31.6 | 17.7 | 5.3 | 9.0 | 20 | - 7 | 0.8 | -0.7 | 2.3 | 0 | 0 | 16 | 06 | 0 | 1 | 1 | 3 | 1 | 3 | 1 | 12 | 0 |
| | 0230 | 310 | 1012.1 | 976.4 | .. | 18.8 | 12.0 | 4.8 | 8.6 | 40 | .. | 0.2 | .. | 2.9 | 0 | 0 | 21 | 08 | 3 | 0 | 1 | 0 | 2 | 2 | 5 | 7 | 0 |
| | 0530 | 310 | 1012.8 | 976.7 | .. | 16.2 | 10.9 | 5.0 | 8.8 | 48 | .. | 0.4 | .. | 2.6 | 0 | 0 | 19 | 06 | 2 | 2 | 1 | 1 | 0 | 0 | 7 | 9 | 0 |
| | 0830 | 310 | 1014.9 | 979.4 | +0.5 | 21.2 | 13.2 | 4.6 | 8.7 | 35 | -14 | 0.6 | -0.8 | 3.6 | 0 | 1 | 15 | 07 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 12 | 0 |
| | 1130 | 310 | 1013.2 | 978.9 | .. | 30.9 | 17.3 | 5.1 | 8.7 | 20 | .. | 0.6 | .. | 6.2 | 0 | 1 | 20 | 02 | 7 | 4 | 2 | 2 | 2 | 1 | 1 | 7 | 0 |
| | 1430 | 310 | 1009.3 | 975.4 | .. | 33.6 | 18.5 | 5.0 | 9.0 | 17 | .. | 1.0 | .. | 6.6 | 0 | 0 | 26 | 04 | 2 | 1 | 5 | 6 | 2 | 4 | 2 | 2 | 0 |
| | 1730 | 310 | 1008.9 | 974.8 | +0.0 | 32.1 | 18.1 | 5.7 | 9.4 | 18 | - 8 | 1.1 | -0.6 | 4.0 | 0 | 0 | 18 | 03 | 2 | 1 | 4 | 2 | 4 | 1 | 1 | 10 | 0 |
| | 2030 | 310 | 1011.7 | 976.6 | .. | 23.8 | 14.9 | 6.2 | 9.7 | 33 | .. | 0.3 | .. | 3.6 | 0 | 0 | 25 | 01 | 2 | 5 | 6 | 6 | 1 | 2 | 2 | 3 | 0 |
| | 2330 | 310 | 1012.3 | 977.0 | .. | 21.8 | 13.5 | 4.7 | 8.8 | 34 | .. | 0.4 | .. | 5.9 | 0 | 0 | 25 | 08 | 3 | 0 | 0 | 3 | 5 | 2 | 4 | 3 | 0 |
| Amraoti | 0830 | 370 | 1014.1 | 972.3 | +0.3 | 23.2 | 13.7 | 3.4 | 8.0 | 28 | -12 | 0.4 | -1.0 | 3.7 | 0 | 0 | 25 | 04 | 11 | 4 | 0 | 1 | 4 | 1 | 0 | 3 | 0 |
| Akola Aerodrome | 1730 | 370 | 1008.4 | 968.1 | +1.1 | 32.9 | 18.0 | 4.7 | 8.5 | 17 | - 5 | 0.7 | -1.2 | 4.4 | 0 | 0 | 28 | 02 | 2 | 3 | 6 | 1 | 4 | 5 | 5 | 0 | 0 |
| | 0530 | 309 | 1011.6 | 976.0 | .. | 18.9 | 10.3 | -1.6 | 5.6 | 26 | .. | 0.3 | .. | 7.6 | 0 | 0 | 28 | 00 | 5 | 6 | 2 | 5 | 2 | 5 | 3 | 0 | 0 |
| | 0830 | 309 | 1013.8 | 978.4 | .. | 20.7 | 11.7 | 0.3 | 6.5 | 26 | .. | 0.4 | .. | 7.2 | 0 | 0 | 27 | 04 | 4 | 4 | 4 | 2 | 2 | 3 | 4 | 1 | 0 |
| | 1130 | 309 | 1012.6 | 978.4 | .. | 30.7 | 16.2 | 2.1 | 6.7 | 17 | .. | 0.4 | .. | 9.0 | 0 | 1 | 26 | 01 | 5 | 6 | 0 | 6 | 4 | 5 | 0 | 1 | 0 |
| | 1430 | 309 | 1008.6 | 974.8 | .. | 33.7 | 17.2 | 0.3 | 6.2 | 12 | .. | 0.8 | .. | 7.9 | 0 | 1 | 26 | 04 | 4 | 2 | 3 | 2 | 3 | 2 | 7 | 1 | 0 |
| | 1730 | 309 | 1007.7 | 973.9 | .. | 33.5 | 17.0 | -1.4 | 6.0 | 12 | .. | 1.1 | .. | 8.4 | 0 | 0 | 28 | 07 | 6 | 2 | 0 | 1 | 2 | 7 | 3 | 0 | 0 |
| | 2030 | 309 | 1010.1 | 975.6 | .. | 28.0 | 14.5 | -1.9 | 5.5 | 15 | .. | 0.3 | .. | 5.2 | 0 | 0 | 27 | 02 | 4 | 3 | 2 | 5 | 1 | 3 | 7 | 1 | 0 |
| | 2330 | 309 | 1011.2 | 975.5 | .. | 24.2 | 12.9 | 1.5 | 6.5 | 19 | .. | 0.1 | .. | 7.3 | 0 | 0 | 28 | 00 | 6 | 7 | 3 | 2 | 1 | 5 | 4 | 0 | 0 |
| Akola | 0830 | 282 | 1014.5 | 982.2 | +0.5 | 20.9 | 12.8 | 4.2 | 8.2 | 34 | -12 | 0.2 | -0.9 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 27 | 0 |
| | 1730 | 282 | 1008.1 | 977.4 | -0.1 | 34.2 | 19.0 | 6.2 | 9.6 | 18 | - 4 | 1.2 | -0.2 | 0.9 | 0 | 0 | 12 | 01 | 0 | 4 | 1 | 0 | 0 | 6 | 0 | 16 | 0 |
| Bramhapuri | 0830 | 229 | 1014.9 | 988.3 | -0.2 | 19.1 | 14.2 | 9.9 | 12.3 | 56 | - 8 | 0.4 | -0.7 | 2.5 | 0 | 0 | 23 | 06 | 6 | 1 | 2 | 4 | 3 | 1 | 0 | 5 | 0 |
| | 1730 | 229 | 1009.5 | 984.2 | -0.4 | 32.9 | 19.0 | 7.2 | 10.7 | 22 | - 6 | 0.6 | -0.6 | 2.6 | 0 | 0 | 24 | 05 | 4 | 1 | 2 | 5 | 4 | 2 | 1 | 4 | 0 |
| Buldana | 0830 | 650 | 1013.9 | 941.3 | +0.6 | 21.8 | 13.2 | 5.0 | 9.0 | 35 | - 7 | 0.4 | -0.9 | 9.0 | 0 | 0 | 28 | 03 | 1 | 2 | 4 | 5 | 6 | 0 | 7 | 0 | 0 |
| | 1730 | 650 | 1007.4 | 937.7 | -0.1 | 30.9 | 17.0 | 4.8 | 9.2 | 21 | - 5 | 0.8 | -0.8 | 7.2 | 0 | 0 | 28 | 04 | 9 | 2 | 1 | 1 | 6 | 1 | 4 | 0 | 0 |
| Yeotmal | 0830 | 451 | 1013.5 | 962.8 | +0.1 | 23.5 | 14.7 | 5.5 | 9.6 | 33 | - 8 | 0.5 | -1.2 | 8.6 | 0 | 0 | 23 | 03 | 3 | 7 | 0 | 4 | 2 | 4 | 0 | 5 | 0 |
| | 1730 | 451 | 1008.0 | 959.0 | -0.1 | 32.3 | 19.2 | 7.9 | 11.5 | 24 | - 2 | 1.2 | -0.8 | 7.0 | 0 | 0 | 28 | 09 | 2 | 7 | 2 | 1 | 2 | 5 | 0 | 0 | 0 |
| Chanda | 0830 | 193 | 1014.2 | 991.9 | -0.2 | 20.4 | 14.5 | 9.2 | 11.7 | 50 | -11 | 0.6 | -0.9 | 3.9 | 0 | 0 | 23 | 01 | 4 | 6 | 5 | 5 | 2 | 0 | 0 | 5 | 0 |
| | 1730 | 193 | 1008.9 | 987.6 | -0.5 | 33.3 | 18.7 | 6.1 | 9.7 | 20 | -11 | 1.4 | -0.4 | 4.1 | 0 | 0 | 27 | 05 | 4 | 4 | 4 | 5 | 1 | 2 | 2 | 1 | 0 |
| Pusad | 0830 | 334 | 1014.8 | 976.7 | .. | 21.2 | 13.4 | 5.4 | 9.1 | 36 | .. | 0.0 | .. | 6.7 | 0 | 0 | 27 | 02 | 9 | 0 | 0 | 0 | 1 | 1 | 14 | 1 | 0 |
| | 1730 | 334 | .. | .. | .. | 33.4 | 17.5 | 2.2 | 7.1 | 15 | .. | 1.0 | .. | 7.4 | 0 | 0 | 28 | 01 | 17 | 1 | 3 | 1 | 3 | 0 | 2 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| VIDARBHA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sironcha | 0830 | 123 | 1014.9 | 1000.7 | +0.3 | 22.0 | 17.8 | 14.7 | 16.9 | 64 | - 1 | 0.4 | -1.2 | 1.8 | 0 | 0 | 21 | 00 | 2 | 4 | 14 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 123 | 1009.6 | 995.8 | +0.0 | 33.0 | 20.2 | 10.6 | 13.2 | 26 | - 1 | 0.6 | -0.8 | 2.0 | 0 | 0 | 19 | 00 | 2 | 3 | 10 | 2 | 2 | 0 | 0 | 9 | 0 |
| COASTAL ANDHRA PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1015.0 | 1014.3 | +0.6 | 22.3 | 20.1 | 18.9 | 21.7 | 81 | + 0 | 1.7 | -1.1 | 6.7 | 0 | 0 | 28 | 06 | 0 | 0 | 0 | 1 | 3 | 1 | 14 | 0 | 3 |
| | 1730 | 6 | 1011.3 | 1010.6 | +0.1 | 27.2 | 22.7 | 20.4 | 23.8 | 68 | - 1 | 0.5 | -2.4 | 12.5 | 0 | 3 | 25 | 01 | 0 | 0 | 1 | 13 | 5 | 0 | 0 | 0 | 8 |
| Vishakhapatnam | 0230 | 3 | 1012.4 | 1012.0 | .. | 21.1 | 19.9 | 19.1 | 22.2 | 89 | .. | 1.1 | .. | 0.3 | 0 | 0 | 2 | 00 | 0 | 0 | [illegible] | 0 | 1 | 0 | 1 | 26 | 0 |
| | 0530 | 3 | 1012.8 | 1012.4 | .. | 19.9 | 18.9 | 18.4 | 21.0 | 91 | .. | 1.3 | .. | 0.7 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 24 | 0 |
| | 0830 | 3 | 1015.0 | 1014.6 | +0.6 | 23.9 | 21.0 | 19.3 | 22.4 | 76 | - 1 | 1.7 | -0.4 | 1.4 | 0 | 0 | 6 | 02 | 0 | 0 | 0 | 2 | 1 | 1 | 1 | 22 | 0 |
| | 1130 | 3 | 1014.1 | 1013.7 | .. | 29.8 | 22.2 | 17.6 | 20.5 | 50 | .. | 1.9 | .. | 7.1 | 0 | 0 | 24 | 02 | 0 | 0 | 3 | 5 | 7 | 4 | 2 | 4 | 1 |
| | 1430 | 3 | 1011.3 | 1010.9 | .. | 30.7 | 22.2 | 17.2 | 19.7 | 46 | .. | 0.9 | .. | 18.1 | 0 | 15 | 13 | 00 | 0 | 1 | 6 | 4 | 16 | 1 | 0 | 0 | 0 |
| | 1730 | 3 | 1011.4 | 1011.0 | +0.3 | 27.5 | 21.7 | 18.4 | 21.1 | 59 | -14 | 1.2 | -0.5 | 13.0 | 0 | 3 | 25 | 00 | 0 | 1 | 6 | 6 | 15 | 0 | 0 | 0 | 0 |
| | 2030 | 3 | 1013.4 | 1013.1 | .. | 24.3 | 21.7 | 20.2 | 23.8 | 78 | .. | 0.7 | .. | 1.4 | 0 | 0 | 7 | 00 | 0 | 0 | 1 | 1 | 4 | 1 | 0 | 21 | 0 |
| | 2330 | 3 | 1013.6 | 1013.2 | .. | 22.5 | 20.9 | 20.0 | 23.4 | 86 | .. | 0.9 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Kakinada | 0830 | 8 | 1015.0 | 1014.1 | +0.3 | 25.3 | 21.0 | 18.4 | 21.3 | 66 | - 7 | 1.4 | -0.8 | 4.7 | 0 | 0 | 22 | 00 | 5 | 1 | 11 | 0 | 1 | 1 | 3 | 6 | 0 |
| | 1730 | 8 | 1011.0 | 1010.1 | -0.1 | 27.9 | 22.9 | 20.3 | 23.8 | 64 | - 3 | 0.6 | -0.9 | 13.9 | 0 | 2 | 26 | 00 | 0 | 0 | 26 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nuadavole | 0830 | 12 | 1014.9 | 1013.4 | +0.1 | 23.2 | 20.7 | 19.1 | 22.4 | 78 | + 3 | 1.5 | -1.6 | 3.9 | 0 | 0 | 27 | 12 | 8 | 3 | 2 | 0 | 0 | 0 | 2 | 1 | 0 |
| | 1730 | 12 | 1010.3 | 1008.9 | -0.4 | 30.5 | 22.2 | 17.3 | 20.0 | 46 | - 3 | 0.1 | -3.0 | 6.8 | 0 | 0 | 28 | 00 | 0 | 0 | 13 | 7 | 8 | 0 | 0 | 0 | 0 |
| entachintala | 0830 | 106 | 1014.2 | 1002.1 | +0.6 | 23.4 | 19.7 | 17.2 | 19.7 | 70 | + 3 | 1.1 | -1.4 | 0.9 | 0 | 0 | 12 | 00 | 0 | 1 | 0 | 11 | 0 | 0 | 0 | 16 | 0 |
| | 1730 | 106 | 1009.3 | 997.3 | +0.2 | 33.4 | 20.9 | 12.2 | 14.2 | 28 | - 3 | 1.5 | -1.2 | 0.6 | 0 | 0 | 8 | 00 | 0 | 4 | 0 | 4 | 0 | 0 | 0 | 20 | 0 |
| annavaram | 0230 | 24 | 1012.1 | 1009.3 | .. | 21.3 | 20.0 | 19.3 | 22.4 | 85 | .. | 2.6 | .. | 2.4 | 0 | 0 | 11 | 03 | 0 | 2 | 1 | 1 | 0 | 1 | 3 | 17 | 0 |
| | 0530 | 24 | 1012.5 | 1009.7 | .. | 20.6 | 19.7 | 19.3 | 22.2 | 92 | .. | 0.9 | .. | 2.3 | 0 | 0 | 10 | 04 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 0830 | 24 | 1014.8 | 1012.0 | +0.6 | 24.3 | 21.9 | 20.5 | 24.3 | 80 | + 3 | 2.0 | -0.4 | 4.7 | 0 | 0 | 18 | 01 | 2 | 10 | 5 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1130 | 24 | 1014.1 | 1011.3 | .. | 29.8 | 22.2 | 17.6 | 20.5 | 49 | .. | 1.8 | .. | 10.5 | 0 | 0 | 28 | 00 | 0 | 8 | 11 | 9 | 0 | 0 | 0 | 0 | 0 |
| | 1430 | 24 | 1010.5 | 1007.8 | .. | 32.7 | 22.1 | 15.4 | 17.9 | 36 | .. | 1.5 | .. | 12.6 | 0 | 2 | 26 | 01 | 0 | 9 | 11 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 24 | 1010.4 | 1007.7 | +0.3 | 31.1 | 21.5 | 15.4 | 17.7 | 40 | - 4 | 1.0 | -0.8 | 14.9 | 0 | 5 | 22 | 00 | 0 | 4 | 11 | 12 | 0 | 0 | 0 | 1 | 0 |
| | 2030 | 24 | 1012.7 | 1009.9 | .. | 24.6 | 21.1 | 19.1 | 22.1 | 72 | .. | 0.5 | .. | 7.6 | 0 | 0 | 25 | 00 | 0 | 3 | 11 | 11 | 0 | 0 | 0 | 3 | 0 |
| | 2330 | 24 | 1013.2 | 1010.4 | .. | 22.4 | 20.4 | 19.1 | 22.4 | 82 | .. | 0.5 | .. | 3.3 | 0 | 0 | 14 | 01 | 0 | 3 | 2 | 4 | 0 | 2 | 2 | 14 | 0 |
| Masulipatam | 0830 | 3 | 1014.7 | 1014.3 | +0.4 | 22.8 | 21.2 | 20.4 | 23.8 | 86 | + 5 | 2.8 | +0.3 | 1.6 | 0 | 0 | 19 | 07 | 5 | 2 | 2 | 0 | 0 | 0 | 3 | 9 | 0 |
| | 1730 | 3 | 1011.2 | 1010.9 | +0.3 | 27.4 | 22.3 | 19.3 | 22.7 | 61 | - 6 | 1.5 | +0.0 | 4.4 | 0 | 0 | 28 | 00 | 0 | 13 | 13 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 0830 | 12 | 1014.6 | 1013.3 | +0.6 | 26.2 | 23.1 | 21.6 | 25.6 | 76 | - 2 | 2.5 | +0.4 | 3.3 | 0 | 0 | 28 | 04 | 3 | 5 | 8 | 0 | 0 | 6 | 2 | 0 | 0 |
| | 1730 | 12 | 1010.6 | 1009.3 | +0.2 | 28.2 | 24.2 | 22.2 | 26.9 | 70 | + 3 | 0.2 | -1.3 | 4.3 | 0 | 0 | 28 | 00 | 0 | 15 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 0530 | 20 | 1012.3 | 1010.0 | .. | 21.7 | 21.0 | 20.7 | 24.4 | 94 | .. | 1.5 | .. | 0.8 | 0 | 0 | 6 | 00 | 2 | 0 | 4 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 0830 | 20 | 1014.3 | 1012.0 | +0.3 | 24.6 | 22.2 | 20.8 | 24.9 | 80 | + 1 | 3.7 | +1.0 | 3.6 | 0 | 0 | 23 | 00 | 7 | 0 | 10 | 0 | 0 | 0 | 6 | 5 | 0 |
| | 1130 | 20 | 1013.9 | 1011.6 | .. | 30.1 | 23.5 | 19.9 | 23.5 | 55 | .. | 2.6 | .. | 4.5 | 0 | 0 | 28 | 00 | 13 | 4 | 9 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 20 | 1011.3 | 1009.1 | +0.8 | 29.0 | 23.9 | 21.3 | 25.5 | 64 | + 5 | 3.7 | +1.5 | 8.0 | 0 | 0 | 28 | 00 | 17 | 2 | 8 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 2330 | 20 | 1013.3 | 1011.0 | .. | 23.9 | 22.3 | 21.4 | 25.6 | 86 | .. | 1.6 | .. | 1.2 | 0 | 0 | 13 | 00 | 6 | 0 | 7 | 0 | 0 | 0 | 0 | 15 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1014.3 | 996.2 | +0.2 | 21.6 | 17.4 | 14.7 | 16.5 | 66 | +12 | 0.6 | -1.1 | 1.9 | 0 | 0 | 12 | 01 | 1 | 1 | 3 | 5 | 0 | 0 | 1 | 16 | 0 |
| | 1730 | 156 | 1009.2 | 991.9 | +0.3 | 33.1 | 20.6 | 11.7 | 14.1 | 28 | + 2 | 1.0 | -0.9 | 3.1 | 0 | 0 | 25 | 02 | 6 | 3 | 7 | 6 | 0 | 1 | 0 | 3 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1014.1 | 983.4 | -0.1 | 22.6 | 19.3 | 17.0 | 19.7 | 72 | + 1 | 1.3 | -1.0 | 2.1 | 0 | 0 | 24 | 00 | 0 | 0 | 6 | 18 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 269 | 1010.2 | 980.7 | +0.7 | 32.0 | 19.1 | 8.9 | 11.6 | 25 | - 4 | 0.3 | -1.3 | 1.9 | 0 | 0 | 27 | 08 | 1 | 0 | 12 | 6 | 0 | 0 | 0 | 1 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1012.2 | 943.4 | .. | 19.9 | 16.3 | 13.5 | 15.9 | 69 | .. | 1.0 | .. | 6.7 | 0 | 0 | 22 | 00 | 1 | 8 | 7 | 6 | 0 | 0 | 0 | 6 | 0 |
| | 0830 | 613 | 1013.3 | 945.1 | .. | 22.8 | 17.8 | 14.4 | 16.7 | 61 | .. | 1.1 | .. | 7.3 | 0 | 0 | 27 | 01 | 1 | 4 | 12 | 6 | 2 | 1 | 0 | 1 | 0 |
| | 1130 | 613 | 1012.1 | 945.3 | .. | 28.8 | 19.1 | 12.7 | 15.1 | 38 | .. | 0.7 | .. | 16.3 | 0 | 5 | 23 | 01 | 1 | 3 | 11 | 3 | 4 | 0 | 0 | 0 | 0 |
| | 1730 | 613 | 1008.6 | 942.3 | .. | 30.1 | 18.4 | 10.3 | 12.6 | 30 | .. | 1.7 | .. | 12.9 | 0 | 1 | 26 | 00 | 3 | 8 | 11 | 1 | 2 | 0 | 2 | 1 | 0 |
| | 2330 | 613 | 1011.9 | 943.9 | .. | 23.2 | 16.7 | 12.0 | 14.3 | 50 | .. | 0.3 | .. | 10.6 | 0 | 1 | 26 | 00 | 3 | 9 | 15 | 0 | 0 | 0 | 0 | 1 | 0 |
| Bhadrachalam | 0830 | 111 | 1014.3 | 1001.4 | -0.5 | 22.8 | 19.9 | 17.6 | 20.9 | 78 | + 5 | 1.5 | -1.3 | 1.9 | 0 | 0 | 25 | 00 | 17 | 0 | 7 | 0 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 111 | 1008.9 | 996.9 | -0.3 | 32.8 | 20.4 | 11.7 | 13.8 | 28 | - 2 | 1.2 | -1.4 | 2.1 | 0 | 0 | 28 | 00 | 19 | 0 | 8 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1011.9 | 950.6 | .. | 19.8 | 15.5 | 12.2 | 14.5 | 62 | .. | 0.1 | .. | 2.8 | 0 | 0 | 16 | 00 | 2 | 3 | 9 | 0 | 1 | 0 | 1 | 12 | 0 |
| | 0530 | 545 | 1012.6 | 950.8 | .. | 17.8 | 14.8 | 12.5 | 14.7 | 72 | .. | 0.4 | .. | 2.0 | 0 | 0 | 12 | 03 | 3 | 4 | 2 | 0 | 0 | 0 | 0 | 16 | 0 |
| | 0830 | 545 | 1014.4 | 953.2 | +0.5 | 21.2 | 16.5 | 13.2 | 15.8 | 62 | - 2 | 1.6 | -0.6 | 3.1 | 0 | 0 | 16 | 02 | 1 | 1 | 5 | 4 | 1 | 0 | 2 | 12 | 0 |
| | 1130 | 545 | 1012.3 | 952.9 | .. | 29.5 | 17.8 | 8.7 | 11.9 | 29 | .. | 0.7 | .. | 10.7 | 0 | 1 | 27 | 00 | 5 | 3 | 10 | 7 | 3 | 0 | 0 | 0 | 0 |
| | 1730 | 545 | 1008.2 | 949.3 | +0.4 | 31.2 | 17.3 | 6.6 | 9.6 | 21 | -14 | 1.5 | -0.6 | 9.8 | 0 | 0 | 27 | 01 | 5 | 11 | 7 | 3 | 0 | 0 | 0 | 1 | 0 |
| | 2330 | 545 | 1012.5 | 951.7 | .. | 22.3 | 15.8 | 11.0 | 13.2 | 49 | .. | 0.1 | .. | 4.6 | 0 | 0 | 20 | 03 | 4 | 3 | 10 | 0 | 0 | 0 | 0 | 9 | 0 |
| Khammam | 0830 | 112 | 1014.7 | 1001.8 | +0.5 | 23.5 | 20.8 | 19.4 | 22.4 | 79 | + 6 | 4.3 | +1.8 | 2.0 | 0 | 0 | 20 | 00 | 0 | 5 | 13 | 2 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 112 | 1009.9 | 997.4 | +0.4 | 32.8 | 20.9 | 12.6 | 15.1 | 30 | - 3 | 1.7 | -0.5 | 1.4 | 0 | 0 | 15 | 00 | 0 | 8 | 5 | 2 | 0 | 0 | 0 | 13 | 0 |
| Mahbubnagar | 0830 | 505 | 1013.3 | 957.0 | +0.1 | 24.5 | 17.1 | 11.7 | 14.1 | 47 | - 6 | 0.5 | -1.6 | 3.0 | 0 | 0 | 21 | 00 | 2 | 12 | 4 | 0 | 2 | 0 | 1 | 7 | 0 |
| | 1730 | 505 | 1007.8 | 953.4 | +0.1 | 31.9 | 17.1 | 4.8 | 8.7 | 19 | - 9 | 1.3 | -0.6 | 6.3 | 0 | 0 | 26 | 00 | 5 | 14 | 1 | 1 | 3 | 0 | 2 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km. p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1014.2 | 982.1 | +0.5 | 23.4 | 18.5 | 15.2 | 17.4 | 61 | + 4 | 0.9 | -0.7 | 3.5 | 0 | 0 | 28 | 00 | 2 | 0 | 11 | 0 | 12 | 2 | 1 | 0 | |
| | 1730 | 281 | 1007.9 | 977.2 | +0.0 | 33.4 | 20.0 | 9.2 | 12.2 | 23 | - 1 | 1.0 | -1.1 | 4.0 | 0 | 0 | 28 | 01 | 5 | 3 | 4 | 5 | 3 | 0 | 7 | 0 | |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1011.5 | 971.7 | .. | 20.4 | 16.7 | 13.8 | 16.0 | 66 | .. | 0.3 | .. | 3.8 | 0 | 0 | 13 | 01 | 1 | 9 | 0 | 2 | 0 | 0 | 0 | 15 | |
| | 0830 | 350 | 1013.7 | 974.1 | +0.6 | 23.3 | 18.3 | 14.7 | 16.9 | 59 | + 5 | 0.6 | -1.1 | 1.9 | 0 | 0 | 7 | 00 | 1 | 3 | 1 | 0 | 1 | 0 | 1 | 21 | |
| | 1130 | 350 | 1012.3 | 973.6 | .. | 30.0 | 19.8 | 12.4 | 14.8 | 35 | .. | 0.7 | .. | 7.4 | 0 | 0 | 24 | 00 | 1 | 20 | 3 | 0 | 0 | 0 | 0 | 4 | |
| | 1430 | 350 | 1008.2 | 969.9 | .. | 33.0 | 20.2 | 10.8 | 13.2 | 27 | .. | 1.1 | .. | 10.9 | 0 | 0 | 25 | 00 | 3 | 21 | 1 | 0 | 0 | 0 | 0 | 3 | |
| | 1730 | 350 | 1007.5 | 969.4 | +0.3 | 32.6 | 20.1 | 10.9 | 13.4 | 27 | + 1 | 1.4 | -0.6 | 9.1 | 0 | 1 | 22 | 00 | 9 | 14 | 0 | 0 | 0 | 0 | 0 | 5 | |
| | 2030 | 350 | 1010.3 | 971.5 | .. | 28.3 | 18.4 | 10.7 | 13.1 | 34 | .. | 0.6 | .. | 10.7 | 0 | 1 | 23 | 00 | 2 | 21 | 1 | 0 | 0 | 0 | 0 | 4 | |
| | 2330 | 350 | 1011.3 | 972.2 | .. | 25.9 | 18.6 | 13.3 | 15.5 | 46 | .. | 0.3 | .. | 14.1 | 0 | 3 | 24 | 00 | 1 | 22 | 4 | 0 | 0 | 0 | 0 | 1 | |
| Cuddapah | 0830 | 130 | 1014.0 | 999.1 | +0.0 | 24.9 | 20.3 | 17.4 | 20.0 | 64 | + 4 | 0.4 | -1.2 | 2.3 | 0 | 0 | 13 | 00 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 15 | |
| | 1730 | 130 | 1009.0 | 994.7 | +0.2 | 33.0 | 21.7 | 14.6 | 16.7 | 34 | -12 | 1.1 | -0.8 | 5.5 | 0 | 0 | 26 | 00 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 2 | |
| Arogyavaram | 0830 | 701 | 1014.0 | 936.3 | +0.5 | 21.6 | 17.6 | 15.3 | 17.1 | 72 | +10 | 0.6 | -2.4 | 4.7 | 0 | 0 | 20 | 00 | 2 | 0 | 8 | 10 | 0 | 0 | 0 | 8 | |
| | 1730 | 701 | 1007.7 | 932.5 | +0.2 | 29.5 | 17.3 | 8.1 | 10.8 | 27 | - 4 | 0.9 | -2.2 | 9.0 | 0 | 0 | 28 | 04 | 6 | 16 | 1 | 1 | 0 | 0 | 0 | 0 | |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1014.1 | 1013.4 | +0.4 | 24.5 | 22.7 | 21.9 | 26.1 | 87 | +10 | 3.5 | +0.5 | 2.9 | 0 | 0 | 14 | 03 | 1 | 5 | 2 | 2 | 1 | 0 | 0 | 14 | |
| | 1730 | 6 | 1010.8 | 1010.1 | .. | 27.3 | 23.5 | 21.5 | 25.8 | 71 | .. | 3.0 | .. | 6.7 | 0 | 0 | 26 | 00 | 11 | 9 | 5 | 1 | 0 | 0 | 0 | 2 | |
| Madras (Minambakkam) | 0230 | 16 | 1011.8 | 1010.0 | .. | 22.6 | 21.5 | 20.9 | 24.7 | 90 | .. | 0.9 | .. | 2.6 | 0 | 0 | 13 | 00 | 0 | 0 | 1 | 1 | 0 | 3 | 8 | 15 | |
| | 0530 | 16 | 1012.0 | 1010.2 | .. | 21.9 | 21.1 | 20.6 | 24.4 | 92 | .. | 1.6 | .. | 2.8 | 0 | 0 | 17 | 02 | 0 | 0 | 0 | 0 | 3 | 4 | 8 | 11 | |
| | 0830 | 16 | 1014.3 | 1012.5 | +0.3 | 24.6 | 22.5 | 21.4 | 25.6 | 83 | + 3 | 2.3 | -0.7 | 4.1 | 0 | 0 | 24 | 04 | 0 | 0 | 0 | 1 | 2 | 7 | 10 | 4 | |
| | 1130 | 16 | 1013.7 | 1011.9 | .. | 29.4 | 23.0 | 19.5 | 23.1 | 56 | .. | 3.0 | .. | 7.3 | 0 | 0 | 25 | 01 | 6 | 9 | 1 | 7 | 1 | 0 | 0 | 3 | |
| | 1430 | 16 | 1010.8 | 1009.0 | .. | 30.0 | 23.3 | 19.7 | 23.1 | 55 | .. | 2.0 | .. | 12.3 | 0 | 0 | 28 | 01 | 7 | 16 | 2 | 0 | 1 | 0 | 0 | 0 | |
| | 1730 | 16 | 1010.7 | 1009.0 | +0.0 | 27.8 | 23.0 | 20.4 | 24.1 | 64 | + 1 | 1.5 | -1.0 | 11.5 | 0 | 2 | 26 | 00 | 8 | 17 | 2 | 1 | 0 | 0 | 0 | 0 | |
| | 2030 | 16 | 1012.7 | 1010.9 | .. | 25.2 | 22.5 | 21.0 | 25.0 | 78 | .. | 0.9 | .. | 5.3 | 0 | 0 | 22 | 02 | 7 | 10 | 3 | 0 | 0 | 0 | 0 | 6 | |
| | 2330 | 16 | 1013.2 | 1011.4 | .. | 23.8 | 22.1 | 21.1 | 25.3 | 85 | .. | 1.0 | .. | 3.0 | 0 | 0 | 16 | 03 | 3 | 3 | 5 | 0 | 0 | 0 | 2 | 12 | |
| Vellore | 0530 | 214 | 1012.4 | 987.8 | .. | 20.7 | 19.8 | 18.7 | 22.4 | 89 | .. | 1.9 | .. | 0.6 | 0 | 0 | 3 | 00 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 25 | |
| | 0830 | 214 | 1014.4 | 989.8 | +0.1 | 22.0 | 20.1 | 19.0 | 22.0 | 83 | + 4 | 2.3 | -1.0 | 0.9 | 0 | 0 | 6 | 01 | 0 | 0 | 1 | 0 | 4 | 0 | 0 | 22 | |
| | 1130 | 214 | 1013.5 | 989.5 | .. | 28.7 | 21.8 | 17.8 | 20.5 | 52 | .. | 1.5 | .. | 3.6 | 0 | 0 | 22 | 03 | 9 | 1 | 6 | 1 | 0 | 2 | 0 | 6 | |
| | 1730 | 214 | 1009.2 | 985.5 | -0.1 | 30.9 | 21.7 | 16.0 | 18.5 | 41 | + 0 | 0.9 | -1.7 | 6.5 | 0 | 0 | 27 | 00 | 9 | 4 | 10 | 4 | 0 | 0 | 0 | 1 | |
| | 2330 | 214 | 1013.3 | 988.9 | .. | 24.7 | 21.3 | 19.3 | 22.5 | 73 | .. | 1.2 | .. | 2.3 | 0 | 0 | 11 | 00 | 2 | 0 | 8 | 1 | 0 | 0 | 0 | 17 | |
| Tambaram (Aerodrome) | 0830 | 29 | 1013.9 | 1010.6 | .. | 25.4 | 23.2 | 22.2 | 26.6 | 83 | .. | 2.6 | .. | 6.3 | 0 | 0 | 23 | 03 | 3 | 0 | 1 | 1 | 3 | 5 | 7 | 5 | |
| | 1730 | 29 | 1010.4 | 1007.2 | .. | 28.1 | 23.1 | 20.5 | 24.1 | 64 | .. | 1.5 | .. | 17.9 | 0 | 10 | 18 | 00 | 7 | 15 | 4 | 1 | 0 | 0 | 1 | 0 | |
| Tiruppattur | 0830 | 390 | 1014.1 | 969.7 | -0.4 | 20.0 | 18.2 | 17.0 | 19.5 | 83 | + 0 | 4.6 | +0.7 | 2.6 | 0 | 0 | 27 | 20 | 0 | 0 | 0 | 1 | 0 | 5 | 1 | 1 | |
| | 1730 | 390 | 1008.1 | 966.1 | +0.2 | 30.8 | 20.5 | 13.5 | 15.7 | 36 | -10 | 4.3 | +0.1 | 7.3 | 0 | 0 | 28 | 21 | 1 | 4 | 0 | 1 | 0 | 1 | 0 | 0 | |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 24.9 | 23.6 | 23.0 | 27.9 | 89 | .. | 2.7 | .. | 3.3 | 0 | 0 | 28 | 00 | 15 | 0 | 5 | 0 | 2 | 0 | 6 | 0 | |
| | 1730 | | .. | .. | .. | 28.4 | 26.7 | 26.0 | 33.8 | 87 | .. | 3.5 | .. | 3.9 | 0 | 0 | 28 | 00 | 7 | 0 | 7 | 0 | 6 | 0 | 8 | 0 | |
| Cuddalore | 0530 | 12 | 1011.9 | 1010.5 | .. | 22.2 | 21.7 | 21.4 | 25.6 | 95 | .. | 2.4 | .. | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | |
| | 0830 | 12 | 1014.2 | 1012.8 | +0.2 | 24.7 | 23.0 | 22.3 | 26.6 | 86 | + 2 | 3.7 | +0.2 | 2.9 | 0 | 0 | 16 | 00 | 9 | 0 | 0 | 0 | 1 | 0 | 6 | 12 | |
| | 1130 | 12 | 1013.7 | 1012.3 | .. | 28.5 | 24.0 | 21.8 | 26.3 | 67 | .. | 3.2 | .. | 7.6 | 0 | 0 | 28 | 00 | 19 | 2 | 7 | 0 | 0 | 0 | 0 | 0 | |
| | 1730 | 12 | 1010.6 | 1009.2 | -0.3 | 27.5 | 23.9 | 22.2 | 26.4 | 73 | + 3 | 1.9 | -1.5 | 7.6 | 0 | 0 | 28 | 00 | 15 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | |
| | 2330 | 12 | 1012.9 | 1011.5 | .. | 25.2 | 23.1 | 22.1 | 26.6 | 83 | .. | 2.1 | .. | 1.6 | 0 | 0 | 10 | 00 | 6 | 1 | 3 | 0 | 0 | 0 | 0 | 18 | |
| Kallakurichchi | 0830 | 127 | 1014.1 | 999.6 | +0.3 | 24.4 | 21.4 | 19.7 | 23.1 | 75 | + 1 | 2.9 | +0.0 | 5.1 | 0 | 0 | 24 | 14 | 0 | 0 | 1 | 2 | 0 | 1 | 6 | 4 | |
| | 1730 | 127 | 1009.1 | 994.8 | -0.1 | 31.3 | 21.7 | 15.7 | 18.1 | 40 | - 3 | 2.4 | -0.5 | 8.5 | 0 | 0 | 28 | 00 | 21 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | |
| Salem | 0530 | 278 | 1011.7 | 980.0 | .. | 21.8 | 19.0 | 17.1 | 19.4 | 76 | .. | 0.7 | .. | 2.4 | 0 | 0 | 14 | 00 | 3 | 10 | 1 | 0 | 0 | 0 | 0 | 14 | |
| | 0830 | 278 | 1013.8 | 982.3 | +0.1 | 23.9 | 19.6 | 16.9 | 19.3 | 66 | - 6 | 2.0 | -0.1 | 3.0 | 0 | 0 | 15 | 00 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 13 | |
| | 1130 | 278 | 1012.3 | 981.5 | .. | 30.5 | 20.5 | 13.5 | 15.5 | 37 | .. | 1.1 | .. | 0.6 | 0 | 0 | 27 | 00 | 4 | 12 | 4 | 0 | 0 | 0 | 0 | 1 | |
| | 1730 | 278 | 1007.6 | 977.1 | -0.3 | 32.7 | 20.3 | 11.5 | 13.6 | 28 | - 7 | 2.0 | -0.5 | 10.3 | 0 | 3 | 21 | 00 | 2 | 17 | 3 | 0 | 0 | 0 | 0 | 4 | |
| | 2330 | 278 | 1011.9 | 980.6 | .. | 25.5 | 20.5 | 17.4 | 19.9 | 62 | .. | 0.5 | .. | 12.0 | 0 | 0 | 27 | 00 | 1 | 25 | 1 | 0 | 0 | 0 | 0 | 1 | |
| Coimbatore (Pilamedu) | 0530 | 399 | 1012.2 | 966.9 | .. | 20.6 | 19.0 | 18.1 | 21.1 | 86 | .. | 1.4 | .. | 8.0 | 0 | 0 | 20 | 07 | 7 | 2 | 0 | 1 | 1 | 0 | 1 | 8 | |
| | 0830 | 399 | 1014.1 | 969.1 | +0.4 | 23.1 | 20.8 | 19.4 | 22.8 | 81 | +10 | 2.6 | -0.6 | 9.5 | 0 | 1 | 20 | 03 | 13 | 4 | 0 | 0 | 1 | 0 | 0 | 7 | |
| | 1130 | 399 | 1012.6 | 968.4 | .. | 28.1 | 21.4 | 17.1 | 20.3 | 54 | .. | 2.2 | .. | 14.1 | 0 | 2 | 25 | 04 | 16 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | |
| | 1730 | 399 | 1007.4 | 964.1 | +0.1 | 32.1 | 21.1 | 13.6 | 16.1 | 34 | + 2 | 1.6 | -1.2 | 13.4 | 0 | 3 | 22 | 01 | 13 | 10 | 0 | 1 | 0 | 0 | 0 | 3 | |
| | 2330 | 399 | 1012.1 | 967.5 | .. | 24.0 | 20.2 | 17.2 | 20.4 | 66 | .. | 0.7 | .. | 13.4 | 0 | 3 | 22 | 01 | 5 | 11 | 0 | 6 | 2 | 0 | 0 | 3 | |
| Coimbatore | 0830 | 409 | 1013.5 | 967.7 | +0.1 | 23.9 | 20.3 | 18.1 | 20.9 | 71 | + 1 | 4.3 | +0.8 | 4.1 | 0 | 0 | 28 | 01 | 16 | 7 | 3 | 0 | 0 | 0 | 1 | 0 | |
| Nagapattinam | 0830 | 9 | 1013.9 | 1012.8 | +0.2 | 25.9 | 23.1 | 21.7 | 25.9 | 78 | + 1 | 2.9 | -1.1 | 9.5 | 0 | 3 | 21 | 02 | 11 | 2 | 1 | 0 | 0 | 0 | 8 | 4 | |
| | 1730 | 9 | 1010.2 | 1009.1 | -0.4 | 27.8 | 23.9 | 22.0 | 26.4 | 71 | - 1 | 3.4 | +0.2 | 19.9 | 0 | 16 | 12 | 00 | 20 | 5 | 3 | 0 | 0 | 0 | 0 | 0 | |
| Tiruchchirappalli | 0230 | 88 | 1011.5 | 1001.4 | .. | 22.7 | 21.4 | 20.7 | 24.4 | 85 | .. | 1.8 | .. | 6.9 | 0 | 0 | 21 | 04 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | |
| | 0530 | 88 | 1011.5 | 1001.4 | .. | 22.2 | 21.1 | 20.5 | 24.1 | 90 | .. | 2.0 | .. | 3.1 | 0 | 0 | 14 | 06 | 6 | 1 | 0 | 0 | 0 | 0 | 1 | 14 | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **DRAS STATE(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tiruchchirappalli(Contd.) | 0830 | 88 | 1013.7 | 1003.7 | -0.1 | 25.2 | 22.2 | 20.5 | 24.1 | 76 | - 2 | 2.6 | -0.5 | 9.9 | 0 | 3 | 18 | 05 | 14 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 1130 | 88 | 1013.0 | 1003.1 | .. | 29.6 | 22.7 | 19.0 | 21.9 | 53 | .. | 3.4 | .. | 13.4 | 0 | 6 | 19 | 00 | 17 | 6 | 0 | 1 | 0 | 0 | 1 | 3 | 0 |
| | 1430 | 88 | 1009.2 | 999.5 | .. | 32.4 | 22.3 | 16.4 | 18.6 | 39 | .. | 2.9 | .. | 14.0 | 0 | 8 | 17 | 00 | 18 | 5 | 0 | 2 | 0 | 0 | 0 | 3 | 0 |
| | 1730 | 88 | 1008.7 | 998.9 | -0.5 | 31.9 | 21.9 | 15.7 | 17.8 | 39 | - 4 | 2.0 | -1.1 | 15.9 | 0 | 7 | 21 | 00 | 14 | 13 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 88 | 1011.6 | 1001.6 | .. | 26.8 | 22.2 | 19.6 | 22.8 | 65 | .. | 0.8 | .. | 17.4 | 0 | 9 | 19 | 00 | 8 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 88 | 1012.5 | 1002.4 | .. | 24.0 | 21.9 | 20.8 | 24.6 | 83 | .. | 0.6 | .. | 8.1 | 0 | 0 | 25 | 00 | 14 | 9 | 1 | 1 | 0 | 0 | 0 | 3 | 0 |
| Vedaranniyam | 0830 | 4 | 1013.7 | 1013.2 | .. | 27.0 | 24.1 | 22.7 | 27.6 | 78 | .. | 1.6 | .. | 2.1 | 0 | 0 | 27 | 00 | 22 | 0 | 3 | 0 | 2 | 0 | 0 | 1 | 0 |
| | 1730 | 4 | 1009.9 | 1009.4 | .. | 27.4 | 23.8 | 22.0 | 26.6 | 73 | .. | 2.2 | .. | 2.1 | 0 | 0 | 28 | 01 | 25 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| Ettirampattinam | 0830 | 6 | 1013.4 | 1012.7 | .. | 25.1 | 23.2 | 22.2 | 26.9 | 84 | .. | 1.8 | .. | 7.8 | 0 | 0 | 28 | 23 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 1730 | 6 | 1009.6 | 1008.9 | .. | 29.3 | 23.4 | 20.4 | 23.8 | 59 | .. | 1.9 | .. | 14.2 | 0 | 3 | 25 | 01 | 10 | 7 | 6 | 3 | 0 | 0 | 1 | 0 | 0 |
| Madurai | 0830 | 133 | 1013.0 | 997.8 | -0.6 | 25.2 | 22.1 | 20.4 | 24.1 | 75 | + 1 | 1.9 | -1.8 | 4.4 | 0 | 0 | 20 | 10 | 6 | 1 | 0 | 0 | 0 | 0 | 3 | 8 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1011.6 | 996.5 | .. | 22.0 | 21.0 | 20.4 | 24.0 | 91 | .. | 0.7 | .. | 5.3 | 0 | 0 | 22 | 08 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 0830 | 131 | 1013.7 | 998.7 | +0.0 | 25.4 | 22.1 | 20.3 | 23.8 | 74 | - 1 | 1.7 | -1.9 | 9.6 | 0 | 0 | 28 | 11 | 15 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 131 | 1012.7 | 998.0 | .. | 29.6 | 22.7 | 18.9 | 21.8 | 53 | .. | 2.5 | .. | 14.1 | 0 | 8 | 20 | 04 | 20 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 131 | 1008.3 | 993.9 | -0.5 | 31.6 | 21.9 | 16.1 | 18.3 | 40 | - 4 | 1.6 | -2.3 | 17.0 | 0 | 11 | 17 | 00 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pondi | 0830 | 5 | 1013.8 | 1013.2 | +0.2 | 25.8 | 23.1 | 21.9 | 25.9 | 81 | + 0 | 2.7 | -2.2 | 8.0 | 0 | 0 | 25 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 3 | 0 |
| | 1730 | 5 | 1009.9 | 1009.3 | -0.2 | 28.4 | 24.5 | 22.6 | 27.6 | 71 | - 6 | 2.4 | -2.4 | 20.0 | 0 | 16 | 12 | 00 | 13 | 12 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1013.2 | 1011.9 | -0.1 | 27.1 | 24.5 | 23.0 | 26.6 | 78 | + 1 | 5.7 | +2.0 | 10.0 | 0 | 0 | 28 | 04 | 17 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 11 | 1009.5 | 1008.2 | -0.3 | 27.5 | 24.5 | 23.0 | 28.3 | 75 | - 2 | 3.4 | +0.6 | 12.3 | 0 | 0 | 28 | 01 | 24 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1013.7 | 1013.3 | +0.3 | 26.2 | 23.3 | 21.9 | 26.3 | 77 | + 2 | 1.9 | -1.1 | 9.2 | 0 | 2 | 26 | 17 | 9 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 4 | 1009.1 | 1008.7 | -0.2 | 28.3 | 25.1 | 23.6 | 29.3 | 75 | + 2 | 1.5 | -0.7 | 29.4 | 0 | 27 | 1 | 00 | 6 | 19 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1013.8 | 1008.0 | +0.5 | 25.7 | 22.9 | 21.5 | 25.0 | 78 | + 3 | 4.1 | -0.1 | 12.0 | 0 | 1 | 27 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 1730 | 51 | 1008.8 | 1003.1 | +0.0 | 31.1 | 23.7 | 20.0 | 23.2 | 52 | - 2 | 2.6 | -1.0 | 11.6 | 0 | 0 | 28 | 00 | 1 | 25 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1012.4 | 1008.3 | .. | 27.1 | 22.8 | 20.6 | 24.1 | 68 | .. | 2.6 | .. | 24.2 | 0 | 19 | 9 | 14 | 13 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 37 | 1008.6 | 1004.5 | .. | 28.2 | 24.5 | 22.5 | 27.6 | 70 | .. | 2.7 | .. | 25.4 | 0 | 23 | 5 | 00 | 8 | 17 | 1 | 0 | 1 | 1 | 0 | 0 | 0 |
| **ASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1013.0 | 1012.5 | +0.2 | 22.8 | 19.8 | 17.9 | 20.6 | 75 | - 5 | 0.5 | -1.3 | 4.4 | 0 | 0 | 28 | 01 | 6 | 18 | 1 | 0 | 0 | 1 | 0 | 0 | 1 |
| | 1730 | 4 | 1009.1 | 1008.6 | -0.3 | 29.2 | 24.3 | 21.9 | 26.3 | 65 | - 1 | 0.6 | -1.1 | 12.4 | 0 | 3 | 25 | 00 | 0 | 0 | 2 | 0 | 0 | 4 | 17 | 0 | 5 |
| Honavar | 0830 | 26 | 1012.5 | 1009.7 | -0.6 | 23.0 | 19.5 | 17.1 | 19.7 | 71 | - 4 | 1.1 | -1.6 | 4.1 | 0 | 0 | 26 | 01 | 8 | 15 | 1 | 0 | 0 | 1 | 0 | 2 | 0 |
| | 1730 | 26 | 1009.1 | 1006.2 | -0.5 | 29.7 | 24.0 | 21.1 | 25.0 | 60 | - 4 | 1.3 | -1.1 | 5.6 | 0 | 0 | 28 | 01 | 0 | 1 | 0 | 1 | 5 | 15 | 5 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1010.6 | 999.0 | .. | 24.0 | 22.4 | 21.5 | 24.3 | 86 | .. | 1.0 | .. | 3.3 | 0 | 0 | 15 | 04 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 13 | 0 |
| | 0530 | 102 | 1010.6 | 999.0 | .. | 23.0 | 21.7 | 21.0 | 24.9 | 89 | .. | 1.3 | .. | 3.1 | 0 | 0 | 13 | 01 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 0830 | 102 | 1012.5 | 1001.0 | -0.3 | 25.1 | 22.2 | 20.7 | 24.4 | 77 | + 4 | 1.4 | -0.9 | 5.3 | 0 | 0 | 25 | 01 | 2 | 20 | 2 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1130 | 102 | 1012.2 | 1000.9 | .. | 31.5 | 22.3 | 16.7 | 19.5 | 42 | .. | 1.8 | .. | 9.9 | 0 | 0 | 26 | 02 | 2 | 5 | 8 | 1 | 2 | 2 | 3 | 2 | 1 |
| | 1430 | 102 | 1009.0 | 997.7 | .. | 31.9 | 24.0 | 19.8 | 23.2 | 49 | .. | 1.7 | .. | 17.2 | 0 | 9 | 19 | 00 | 0 | 0 | 0 | 0 | 4 | 17 | 7 | 0 | 0 |
| | 1730 | 102 | 1008.5 | 997.1 | -0.5 | 29.6 | 23.8 | 20.8 | 24.7 | 60 | + 2 | 1.5 | -0.6 | 15.8 | 0 | 4 | 24 | 00 | 0 | 0 | 0 | 0 | 0 | 23 | 5 | 0 | 0 |
| | 2030 | 102 | 1010.8 | 999.3 | .. | 26.4 | 23.9 | 21.9 | 26.3 | 77 | .. | 1.4 | .. | 5.5 | 0 | 0 | 21 | 03 | 1 | 0 | 0 | 0 | 0 | 2 | 15 | 7 | 0 |
| | 2330 | 102 | 1011.5 | 1000.0 | .. | 25.4 | 23.1 | 22.1 | 26.3 | 81 | .. | 0.9 | .. | 4.1 | 0 | 0 | 15 | 08 | 1 | 1 | 0 | 0 | 0 | 0 | 5 | 13 | 0 |
| Mangalore | 0830 | 22 | 1012.6 | 1010.1 | -0.2 | 25.2 | 22.3 | 20.7 | 24.6 | 76 | + 1 | 1.3 | -1.0 | 7.1 | 0 | 0 | 28 | 00 | 4 | 23 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 22 | 1008.6 | 1006.1 | -0.5 | 29.6 | 24.7 | 22.4 | 27.1 | 66 | + 0 | 0.5 | -1.2 | 10.6 | 0 | 0 | 28 | 01 | 0 | 0 | 0 | 0 | 4 | 6 | 17 | 0 | 0 |
| **TERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1013.6 | 940.0 | +0.7 | 23.3 | 15.3 | 8.8 | 11.5 | 41 | - 9 | 0.6 | -1.1 | 8.3 | 0 | 0 | 25 | 01 | 1 | 4 | 3 | 9 | 4 | 0 | 3 | 3 | 0 |
| | 1730 | 664 | 1007.6 | 936.1 | +0.2 | 30.3 | 15.9 | 2.6 | 7.5 | 17 | -12 | 1.7 | -0.7 | 12.1 | 0 | 4 | 23 | 01 | 10 | 8 | 2 | 1 | 2 | 1 | 2 | 1 | 0 |
| Gulbarga | 0830 | 458 | 1013.8 | 962.2 | +0.0 | 23.1 | 15.6 | 9.7 | 12.3 | 44 | + 1 | 0.5 | -0.6 | 3.4 | 0 | 0 | 9 | 01 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 1730 | 458 | 1007.5 | 957.9 | -0.1 | 32.9 | 18.9 | 8.4 | 11.5 | 23 | - 1 | 1.4 | -0.5 | 8.4 | 0 | 2 | 22 | 01 | 3 | 14 | 3 | 1 | 1 | 1 | 0 | 4 | 0 |
| Bijapur | 0830 | 594 | 1014.0 | 947.1 | +0.2 | 20.5 | 15.2 | 11.3 | 13.4 | 57 | +10 | 0.5 | -0.9 | 4.2 | 0 | 0 | 26 | 04 | 1 | 3 | 4 | 5 | 3 | 3 | 3 | 2 | 0 |
| | 1730 | 594 | 1006.2 | 942.4 | -0.6 | 32.1 | 20.7 | 13.7 | 16.1 | 31 | + 5 | 0.4 | -1.7 | 1.9 | 0 | 0 | 23 | 05 | 4 | 4 | 1 | 5 | 1 | 2 | 1 | 5 | 0 |
| Raichur | 0830 | 400 | 1013.5 | 964.8 | -3.7 | 24.4 | 18.1 | 13.2 | 15.7 | 51 | - 3 | 2.8 | +1.3 | 3.9 | 0 | 0 | 20 | 00 | 3 | 0 | 4 | 0 | 10 | 1 | 2 | 8 | 0 |
| | 1730 | 400 | 1008.1 | 964.7 | +0.1 | 32.3 | 19.8 | 10.0 | 12.9 | 27 | - 2 | 2.8 | +0.7 | 4.5 | 0 | 0 | 24 | 00 | 11 | 0 | 10 | 0 | 2 | 0 | 1 | 4 | 0 |
| Belgaum | 0830 | 753 | 1014.3 | 930.6 | +0.7 | 19.8 | 15.3 | 12.0 | 14.1 | 62 | + 1 | 0.1 | -0.7 | 0.6 | 0 | 0 | 5 | 01 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 753 | 1007.1 | 926.7 | +0.0 | 30.4 | 21.2 | 15.4 | 18.4 | 42 | +12 | 0.9 | -0.5 | 4.9 | 0 | 0 | 25 | 00 | 1 | 9 | 2 | 0 | 2 | 10 | 0 | 3 | 1 |
| Belgaum (Samra) | 0530 | 747 | 1012.1 | 928.5 | .. | 18.1 | 12.9 | 8.1 | 11.1 | 54 | .. | 0.3 | .. | 1.4 | 0 | 0 | 9 | 00 | 4 | 2 | 1 | 1 | 0 | 1 | 0 | 19 | 0 |
| | 0830 | 747 | 1013.5 | 930.6 | +0.1 | 21.1 | 14.5 | 9.1 | 11.7 | 48 | - 2 | 1.1 | +0.5 | 5.2 | 0 | 0 | 19 | 01 | 5 | 5 | 7 | 0 | 0 | 1 | 0 | 9 | 0 |
| | 1130 | 747 | 1011.4 | 930.7 | .. | 28.4 | 16.4 | 6.6 | 9.9 | 26 | .. | 0.9 | .. | 12.3 | 0 | 2 | 25 | 01 | 2 | 6 | 13 | 1 | 3 | 1 | 0 | 1 | 0 |
| | 1430 | 747 | 1007.3 | 927.6 | .. | 31.1 | 16.8 | 4.5 | 8.7 | 20 | .. | 1.4 | .. | 11.6 | 0 | 4 | 24 | 00 | 4 | 6 | 7 | 4 | 2 | 3 | 2 | 0 | 0 |
| | 1730 | 747 | 1006.9 | 927.0 | -0.2 | 30.6 | 17.0 | 5.5 | 9.5 | 22 | - 6 | 1.5 | -0.5 | 12.1 | 0 | 7 | 21 | 00 | 9 | 5 | 3 | 2 | 4 | 5 | 0 | 0 | 0 |
| | 2030 | 747 | 1010.7 | 928.9 | .. | 24.5 | 16.9 | 10.9 | 13.7 | 45 | .. | 0.8 | .. | 9.7 | 0 | 0 | 25 | 00 | 3 | 2 | 0 | 0 | 7 | 13 | 0 | 3 | 0 |
| Badag | 0530 | 650 | 1011.8 | 939.2 | .. | 20.1 | 15.7 | 12.3 | 14.7 | 63 | .. | 0.2 | .. | 5.2 | 0 | 0 | 18 | 00 | 2 | 6 | 5 | 2 | 0 | 3 | 0 | 10 | 0 |
| | 0830 | 650 | 1013.7 | 941.1 | +0.1 | 21.1 | 16.7 | 13.6 | 15.8 | 63 | + 9 | 0.5 | -1.8 | 3.8 | 0 | 0 | 25 | 01 | 2 | 9 | 8 | 0 | 1 | 4 | 0 | 3 | 0 |
| | 1130 | 650 | 1011.6 | 941.2 | .. | 29.9 | 20.0 | 13.8 | 16.1 | 38 | .. | 1.0 | .. | 9.0 | 0 | 0 | 26 | 00 | 4 | 9 | 7 | 1 | 1 | 2 | 1 | 2 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| **INTERIOR MYSORE, NORTH (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gadag (Contd.) | 1430 | 650 | 1007.4 | 938.0 | .. | 32.8 | 20.9 | 13.4 | 16.0 | 32 | .. | 1.2 | .. | 8.3 | 0 | 2 | 24 | 00 | 10 | 7 | 4 | 1 | 0 | 0 | 1 | 2 |
| | 1730 | 650 | 1006.8 | 937.4 | +0.2 | 32.7 | 20.4 | 12.6 | 15.0 | 30 | - 1 | 1.6 | -1.2 | 5.2 | 0 | 0 | 28 | 00 | 15 | 5 | 4 | 0 | 1 | 3 | 0 | 0 |
| | 2030 | 650 | 1010.2 | 939.2 | .. | 26.7 | 18.3 | 12.8 | 14.9 | 43 | .. | 0.5 | .. | 5.3 | 0 | 0 | 20 | 00 | 7 | 5 | 1 | 0 | 1 | 5 | 0 | 8 |
| | 2330 | 650 | 1011.7 | 939.8 | .. | 23.3 | 17.0 | 12.4 | 14.8 | 51 | .. | 0.4 | .. | 6.8 | 0 | 0 | 21 | 00 | 0 | 11 | 1 | 0 | 0 | 9 | 0 | 7 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1013.6 | 962.9 | +0.1 | 21.9 | 16.3 | 11.2 | 14.0 | 55 | + 4 | 0.8 | -1.2 | 3.4 | 0 | 0 | 16 | 00 | 4 | 11 | 0 | 0 | 0 | 0 | 1 | 12 |
| | 1730 | 449 | 1007.4 | 958.7 | -0.3 | 33.5 | 19.0 | 7.1 | 10.2 | 21 | - 4 | 2.9 | +0.4 | 7.0 | 0 | 0 | 27 | 00 | 4 | 18 | 3 | 0 | 0 | 0 | 2 | 1 |
| Chitradurga | 0830 | 733 | 1013.1 | 932.0 | +0.1 | 22.1 | 16.3 | 12.1 | 14.3 | 55 | - 1 | 1.2 | -0.8 | 5.2 | 0 | 0 | 19 | 01 | 2 | 7 | 4 | 2 | 1 | 2 | 0 | 9 |
| | 1730 | 733 | 1006.5 | 928.2 | +0.1 | 31.1 | 18.2 | 8.6 | 11.5 | 25 | + 1 | 0.9 | -1.5 | 6.3 | 0 | 0 | 26 | 00 | 3 | 19 | 0 | 0 | 0 | 1 | 3 | 2 |
| Shimoga | 0830 | 571 | 1013.3 | 949.0 | -0.3 | 20.1 | 16.6 | 14.2 | 16.3 | 71 | - 5 | 4.6 | +2.0 | 2.0 | 0 | 0 | 27 | 00 | 4 | 5 | 8 | 2 | 5 | 3 | 0 | 1 |
| | 1730 | 571 | 1005.6 | 944.5 | -0.2 | 32.7 | 18.8 | 9.1 | 11.5 | 25 | - 2 | 3.0 | +0.5 | 3.4 | 0 | 0 | 22 | 00 | 8 | 8 | 2 | 1 | 3 | 0 | 0 | 6 |
| Agumbe | 0830 | | .. | .. | .. | 19.5 | 17.1 | 15.5 | 17.7 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 21.8 | 17.1 | 13.9 | 16.1 | 63 | -16 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1524.0 | 908.1 | -0.1 | 18.7 | 15.1 | 12.3 | 14.5 | 68 | - 1 | 1.2 | -1.0 | 2.3 | 0 | 0 | 27 | 02 | 3 | 13 | 0 | 2 | 0 | 6 | 1 | 1 |
| | 1730 | 960 | 1508.2 | 904.2 | -0.3 | 30.1 | 17.2 | 7.1 | 10.2 | 25 | - 6 | 3.0 | +0.1 | 2.8 | 0 | 0 | 28 | 02 | 2 | 14 | 4 | 0 | 5 | 0 | 1 | 0 |
| Bangalore | 0230 | 921 | 1512.7 | 910.9 | .. | 19.3 | 16.4 | 14.3 | 16.5 | 74 | .. | 0.7 | .. | 5.7 | 0 | 0 | 25 | 00 | 2 | 18 | 5 | 0 | 0 | 0 | 0 | 3 |
| | 0830 | 921 | 1528.4 | 912.6 | +0.3 | 19.6 | 16.4 | 14.0 | 16.6 | 73 | + 6 | 1.3 | -1.3 | 5.2 | 0 | 0 | 24 | 00 | 1 | 15 | 5 | 1 | 1 | 0 | 1 | 4 |
| | 1130 | 921 | 1541.4 | 912.3 | .. | 26.8 | 17.2 | 9.9 | 12.6 | 37 | .. | 1.2 | .. | 8.3 | 0 | 0 | 25 | 00 | 3 | 15 | 2 | 2 | 2 | 0 | 1 | 3 |
| | 1430 | 921 | 1524.0 | 910.1 | .. | 29.7 | 17.1 | 7.1 | 10.3 | 25 | .. | 1.9 | .. | 6.3 | 0 | 0 | 24 | 02 | 3 | 16 | 3 | 0 | 0 | 0 | 0 | 4 |
| | 1730 | 921 | 1517.7 | 909.4 | +0.4 | 28.8 | 16.9 | 7.4 | 10.7 | 27 | - 2 | 2.0 | -0.8 | 5.1 | 0 | 0 | 19 | 00 | 5 | 11 | 3 | 0 | 0 | 0 | 0 | 9 |
| | 2030 | 921 | 1523.5 | 911.0 | .. | 24.3 | 16.1 | 9.7 | 12.3 | 41 | .. | 0.6 | .. | 6.3 | 0 | 0 | 23 | 00 | 3 | 14 | 6 | 0 | 0 | 0 | 0 | 5 |
| Bangalore Aerodrome | 0530 | 897 | 1505.5 | 913.2 | .. | 17.5 | 15.8 | 14.5 | 16.7 | 84 | .. | 1.0 | .. | 4.7 | 0 | 0 | 21 | 00 | 4 | 13 | 2 | 1 | 1 | 0 | 0 | 7 |
| | 0830 | 897 | 1529.3 | 915.2 | +0.4 | 19.6 | 16.7 | 14.6 | 16.6 | 75 | +11 | 2.0 | -0.8 | 6.7 | 0 | 0 | 23 | 00 | 2 | 14 | 3 | 2 | 1 | 1 | 0 | 5 |
| | 1130 | 897 | 1538.8 | 914.7 | .. | 26.7 | 16.7 | 9.0 | 11.5 | 34 | .. | 1.3 | .. | 12.9 | 0 | 3 | 23 | 01 | 2 | 17 | 1 | 1 | 2 | 1 | 0 | 2 |
| | 1730 | 897 | 1512.3 | 911.3 | +0.0 | 28.7 | 17.0 | 6.9 | 9.9 | 27 | - 3 | 2.0 | -1.0 | 10.7 | 0 | 2 | 22 | 00 | 2 | 17 | 2 | 0 | 0 | 1 | 0 | 4 |
| | 2330 | 897 | 1522.3 | 914.2 | .. | 21.0 | 16.5 | 13.3 | 15.3 | 63 | .. | 0.9 | .. | 10.1 | 0 | 0 | 26 | 00 | 0 | 22 | 4 | 0 | 0 | 0 | 0 | 2 |
| Mysore | 0830 | 767 | 1013.3 | 928.6 | +0.2 | 22.2 | 17.3 | 14.0 | 16.2 | 61 | - 8 | 3.1 | +0.3 | 5.3 | 0 | 0 | 28 | 04 | 1 | 1 | 0 | 8 | 11 | 1 | 2 | 0 |
| | 1730 | 767 | 1006.1 | 924.4 | -0.2 | 30.9 | 17.3 | 6.3 | 9.7 | 22 | - 3 | 2.0 | -0.9 | 6.5 | 0 | 0 | 28 | 02 | 14 | 6 | 1 | 2 | 1 | 0 | 2 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1010.7 | 1010.1 | .. | 24.8 | 23.2 | 22.4 | 27.1 | 87 | .. | 1.4 | .. | 5.6 | 0 | 0 | 27 | 01 | 14 | 12 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 0830 | 5 | 1012.5 | 1011.9 | -0.2 | 26.5 | 23.4 | 21.9 | 26.3 | 76 | + 0 | 1.2 | -1.6 | 4.0 | 0 | 0 | 19 | 00 | 3 | 16 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 1130 | 5 | 1012.3 | 1011.7 | .. | 30.5 | 25.0 | 22.4 | 27.3 | 62 | .. | 1.4 | .. | 6.2 | 0 | 0 | 27 | 00 | 0 | 1 | 0 | 0 | 5 | 20 | 1 | 1 |
| | 1730 | 5 | 1009.0 | 1008.4 | +0.0 | 30.1 | 25.5 | 23.4 | 28.9 | 68 | + 2 | 1.5 | -1.2 | 5.4 | 0 | 9 | 19 | 00 | 0 | 0 | 0 | 0 | 0 | 3 | 25 | 0 |
| | 2330 | 5 | 1011.2 | 1010.6 | .. | 27.5 | 24.4 | 22.9 | 27.9 | 76 | .. | 1.3 | .. | 7.9 | 0 | 0 | 27 | 08 | 8 | 2 | 0 | 0 | 0 | 0 | 9 | 1 |
| Palghat | 0830 | 97 | 1013.0 | 1001.9 | +0.0 | 27.1 | 22.0 | 19.1 | 22.4 | 62 | - 2 | 1.2 | -1.3 | 10.3 | 0 | 0 | 28 | 00 | 0 | 26 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 1730 | 97 | 1007.3 | 996.5 | -0.3 | 35.0 | 22.1 | 14.3 | 16.1 | 31 | - 2 | 1.2 | -1.8 | 8.2 | 0 | 0 | 28 | 00 | 0 | 26 | 0 | 0 | 0 | 2 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1012.5 | 1012.2 | -0.2 | 28.2 | 24.6 | 22.9 | 27.9 | 73 | + 1 | 5.1 | +1.4 | 4.9 | 0 | 0 | 28 | 01 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 3 | 1008.3 | 1008.0 | -0.3 | 29.5 | 25.2 | 23.5 | 28.6 | 71 | + 3 | 5.0 | +1.8 | 11.2 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 4 | 14 | 10 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1010.6 | 1010.3 | .. | 25.5 | 24.1 | 23.5 | 29.0 | 88 | .. | 1.9 | .. | 1.4 | 0 | 0 | 10 | 01 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 0530 | 3 | 1010.5 | 1010.2 | .. | 24.6 | 23.3 | 22.7 | 27.6 | 89 | .. | 1.8 | .. | 2.0 | 0 | 0 | 11 | 00 | 7 | 3 | 0 | 0 | 0 | 0 | 1 | 17 |
| | 0830 | 3 | 1012.5 | 1012.2 | .. | 26.7 | 23.4 | 21.8 | 26.2 | 75 | .. | 2.1 | .. | 4.6 | 0 | 0 | 25 | 00 | 12 | 13 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 1130 | 3 | 1012.2 | 1011.9 | .. | 30.8 | 24.5 | 21.5 | 25.8 | 58 | .. | 2.3 | .. | 7.0 | 0 | 0 | 24 | 01 | 0 | 4 | 2 | 0 | 4 | 5 | 8 | 4 |
| | 1730 | 3 | 1008.1 | 1007.8 | .. | 30.3 | 24.8 | 22.2 | 26.9 | 62 | .. | 2.8 | .. | 17.0 | 0 | 2 | 26 | 00 | 0 | 0 | 0 | 0 | 8 | 15 | 5 | 0 |
| | 2330 | 3 | 1011.8 | 1011.5 | .. | 26.7 | 24.5 | 23.5 | 29.0 | 83 | .. | 2.9 | .. | 0.5 | 0 | 0 | 4 | 00 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 24 |
| Alleppey | 0830 | 4 | 1012.5 | 1012.1 | +0.4 | 26.8 | 24.2 | 23.0 | 28.1 | 80 | + 4 | 3.1 | -1.1 | 6.1 | 0 | 0 | 28 | 00 | 6 | 9 | 12 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 4 | 1008.0 | 1007.6 | -0.3 | 30.4 | 25.9 | 23.9 | 29.7 | 68 | - 2 | 2.6 | -1.0 | 21.6 | 0 | 26 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 11 | 17 | 0 |
| Punalur | 0830 | 34 | 1012.5 | 1008.7 | +0.1 | 25.1 | 22.5 | 21.1 | 25.2 | 79 | + 1 | 3.2 | +0.0 | 0.5 | 0 | 0 | 5 | 00 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 29 |
| | 1730 | 34 | 1007.7 | 1004.0 | -0.5 | 33.9 | 24.1 | 18.8 | 22.1 | 42 | - 3 | 4.6 | +0.0 | 4.9 | 0 | 0 | 28 | 00 | 8 | 9 | 0 | 1 | 1 | 4 | 5 | 0 |
| Trivandrum | 0230 | 64 | 1010.0 | 1002.7 | .. | 25.3 | 23.3 | 22.4 | 26.9 | 84 | .. | 1.5 | .. | 1.8 | 0 | 0 | 10 | 03 | 4 | 1 | 0 | 0 | 0 | 0 | 2 | 18 |
| | 0530 | 64 | 1010.2 | 1002.8 | .. | 24.3 | 22.5 | 21.6 | 25.8 | 85 | .. | 1.6 | .. | 5.1 | 0 | 0 | 23 | 06 | 13 | 0 | 2 | 0 | 0 | 0 | 2 | 5 |
| | 0830 | 64 | 1012.3 | 1004.9 | -0.3 | 26.1 | 23.3 | 21.9 | 26.3 | 79 | + 0 | 1.9 | -0.4 | 4.4 | 0 | 0 | 21 | 05 | 13 | 1 | 2 | 0 | 0 | 0 | 0 | 7 |
| | 1130 | 64 | 1011.5 | 1004.3 | .. | 31.3 | 24.0 | 20.3 | 23.8 | 53 | .. | 3.3 | .. | 7.4 | 0 | 0 | 27 | 02 | 4 | 1 | 2 | 1 | 2 | 9 | 4 | 1 |
| | 1430 | 64 | 1008.5 | 1001.3 | .. | 31.1 | 24.7 | 21.6 | 25.9 | 57 | .. | 2.6 | .. | 12.6 | 0 | 1 | 27 | 00 | 0 | 0 | 1 | 0 | 16 | 10 | 0 | 0 |
| | 1730 | 64 | 1008.5 | 1001.3 | -0.6 | 29.7 | 24.5 | 22.1 | 26.6 | 64 | + 1 | 3.4 | -0.2 | 9.9 | 0 | 1 | 27 | 00 | 1 | 0 | 1 | 0 | 12 | 11 | 3 | 0 |
| | 2030 | 64 | 1010.9 | 1003.6 | .. | 27.6 | 24.4 | 22.9 | 27.9 | 76 | .. | 2.3 | .. | 5.1 | 0 | 0 | 25 | 01 | 3 | 0 | 0 | 0 | 5 | 6 | 10 | 3 |
| | 2330 | 64 | 1011.6 | 1004.3 | .. | 26.4 | 24.1 | 23.0 | 28.3 | 81 | .. | 1.9 | .. | 6.1 | 0 | 0 | 25 | 06 | 3 | 2 | 2 | 0 | 1 | 2 | 9 | 3 |
| Trivandrum Aerodrome | 0830 | 8 | 1012.5 | 1011.6 | +0.5 | 27.5 | 23.5 | 21.4 | 25.6 | 70 | - 4 | 2.8 | -0.2 | 3.9 | 0 | 1 | 12 | 03 | 7 | 2 | 0 | 0 | 0 | 1 | 0 | 15 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1009.7 | 1009.3 | .. | 26.1 | 23.6 | 22.3 | 26.9 | 80 | .. | 2.2 | .. | 13.9 | 0 | 10 | 15 | 11 | 5 | 0 | 0 | 0 | 0 | 1 | 8 | 3 |
| | 0830 | 4 | 1012.0 | 1011.5 | -0.7 | 26.8 | 24.0 | 22.5 | 27.6 | 78 | + 5 | 2.7 | -0.4 | 5.7 | 0 | 0 | 24 | 10 | 11 | 1 | 0 | 0 | 0 | 0 | 2 | 4 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ARABIAN SEA ISLANDS (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini (Contd.) | 1130 | 4 | 1012.3 | 1011.9 | .. | 30.1 | 24.8 | 22.3 | 26.9 | 63 | .. | 2.5 | .. | 8.4 | 0 | 0 | 28 | 14 | 10 | 2 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 4 | 1008.7 | 1008.3 | .. | 29.6 | 24.8 | 22.7 | 27.4 | 67 | .. | 2.7 | .. | 9.0 | 0 | 0 | 28 | 13 | 10 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| | 2330 | 4 | 1011.1 | 1010.6 | .. | 26.5 | 23.8 | 22.5 | 27.3 | 79 | .. | 1.3 | .. | 10.0 | 0 | 3 | 17 | 06 | 2 | 0 | 0 | 0 | 0 | 1 | 11 | 8 | 0 |
| Agatti | 0830 | 4 | 1012.0 | 1011.5 | .. | 27.5 | 24.2 | 22.7 | 27.6 | 75 | .. | 3.9 | .. | 6.5 | 0 | 0 | 27 | 14 | 7 | 0 | 0 | 0 | 0 | 0 | 6 | 1 | 0 |
| | 1730 | 4 | 1009.6 | 1009.1 | .. | 29.1 | 24.8 | 22.7 | 27.9 | 69 | .. | 4.7 | .. | 5.4 | 0 | 0 | 28 | 18 | 3 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |
| Androth | 0830 | 5 | 1011.5 | 1011.0 | .. | 27.9 | 24.8 | 23.3 | 28.6 | 76 | .. | 4.0 | .. | 4.8 | 0 | 0 | 26 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 |
| | 1730 | 5 | 1008.8 | 1008.3 | .. | 29.2 | 25.1 | 23.2 | 28.4 | 70 | .. | 2.7 | .. | 3.8 | 0 | 0 | 25 | 09 | 3 | 0 | 0 | 0 | 0 | 0 | 9 | 3 | 4 |
| Minicoy | 0530 | 2 | 1010.5 | 1010.3 | .. | 25.2 | 23.3 | 22.4 | 26.9 | 85 | .. | 2.3 | .. | 3.0 | 0 | 0 | 14 | 09 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 14 | 0 |
| | 0830 | 2 | 1012.5 | 1012.3 | +0.0 | 27.6 | 24.5 | 22.9 | 28.3 | 76 | - 1 | 2.9 | -0.8 | 3.3 | 0 | 0 | 15 | 10 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 13 | 0 |
| | 1130 | 2 | 1012.6 | 1012.4 | .. | 30.0 | 25.2 | 23.0 | 28.1 | 66 | .. | 3.3 | .. | 7.9 | 0 | 0 | 27 | 10 | 10 | 5 | 0 | 0 | 0 | 0 | 2 | 1 | 0 |
| | 1430 | 2 | 1009.9 | 1009.7 | .. | 30.3 | 25.3 | 23.1 | 28.3 | 66 | .. | 3.4 | .. | 8.8 | 0 | 0 | 28 | 17 | 8 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 2 | 1009.4 | 1009.2 | -0.1 | 29.3 | 25.0 | 22.9 | 28.3 | 69 | - 3 | 3.5 | -0.5 | 6.7 | 0 | 0 | 26 | 14 | 8 | 3 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| | 2030 | 2 | 1011.2 | 1011.0 | .. | 27.0 | 24.0 | 22.5 | 27.4 | 77 | .. | 2.0 | .. | 3.1 | 0 | 0 | 15 | 08 | 5 | 1 | 0 | 0 | 0 | 0 | 1 | 13 | 0 |
| | 2330 | 2 | 1011.9 | 1011.7 | .. | 26.1 | 23.6 | 22.4 | 26.9 | 81 | .. | 2.0 | .. | 4.3 | 0 | 0 | 16 | 08 | 3 | 0 | 0 | 0 | 0 | 1 | 4 | 12 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1457.7 | 800.6 | +1.7 | 9.2 | 6.3 | 2.8 | 7.7 | 68 | + 6 | 2.7 | +0.1 | 1.4 | 0 | 0 | 11 | 00 | 4 | 2 | 2 | 0 | 0 | 0 | 1 | 17 | 2 |
| | 1730 | 1959 | 1449.0 | 799.[illegible] | +1.5 | 10.5 | 8.3 | 6.2 | 9.5 | 77 | +16 | 2.7 | -0.7 | 0.5 | 0 | 0 | 5 | 00 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 23 | 0 |
| Dharmsala | 0830 | 1711 | .. | .. | .. | 13.7 | 8.7 | 3.0 | 7.6 | 49 | - 7 | 5.3 | +2.3 | 2.3 | 0 | 0 | 25 | 06 | 9 | 3 | 0 | 0 | 0 | 3 | 4 | 3 | 0 |
| | 1730 | 1211 | .. | .. | .. | 16.2 | 10.7 | 5.1 | 8.8 | 51 | - 4 | 6.1 | +2.3 | 2.6 | 0 | 0 | 27 | 01 | 1 | 2 | 0 | 1 | 16 | 6 | 0 | 1 | 0 |
| Bhuntar | 0830 | 1096 | 1520.9 | 895.3 | .. | 7.0 | 5.9 | 4.7 | 8.5 | 85 | .. | 4.4 | .. | 3.3 | 0 | 1 | 10 | 05 | 1 | 1 | 1 | 0 | 1 | 0 | 2 | 17 | 0 |
| | 1730 | 1096 | 1495.7 | 891.0 | .. | 16.5 | 10.5 | 4.9 | 8.7 | 48 | .. | 5.4 | .. | 6.4 | 0 | 0 | 22 | 01 | 0 | 1 | 2 | 6 | 3 | 1 | 8 | 6 | 0 |
| Simla | 0830 | 2202 | 1515.8 | 782.9 | +2.1 | 7.8 | 3.7 | - 2.7 | 5.3 | 54 | + 9 | 3.1 | -0.1 | 0.8 | 0 | 0 | 11 | 00 | 1 | 0 | 5 | 3 | 2 | 0 | 0 | 17 | 0 |
| | 1730 | 2202 | 1510.3 | 782.6 | +2.2 | 9.6 | 6.0 | 2.0 | 7.1 | 63 | + 4 | 4.3 | -0.1 | 0.5 | 0 | 0 | 8 | 00 | 0 | 0 | 1 | 2 | 5 | 0 | 0 | 20 | 0 |
| Lokpal | 0830 | | .. | .. | .. | - 8.8 | -10.8 | -16.6 | 1.4 | 50 | -11 | 4.6 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | Closed during winter months. | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | .. | .. | [illegible] | 3.7 | - 2.2 | 5.1 | 53 | + 2 | 3.7 | +1.1 | 4.2 | 0 | 0 | 26 | 00 | 3 | 8 | 11 | 0 | 2 | 1 | 1 | 2 | 0 |
| | 1730 | | .. | .. | .. | 13.0 | 7.4 | 0.9 | 6.5 | 48 | + 0 | 5.1 | +0.8 | 4.3 | 0 | 0 | 28 | 03 | 0 | 6 | 1 | 4 | 4 | 9 | 1 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1504.5 | 797.4 | +0.2 | 9.2 | 4.8 | - 0.9 | 5.7 | 53 | - 3 | 3.7 | +0.4 | 2.7 | 0 | 0 | 18 | 06 | 2 | 0 | 1 | 3 | 2 | 0 | 4 | 10 | 0 |
| | 1730 | 2042 | 1488.6 | 796.1 | -0.4 | 10.5 | 7.0 | 4.2 | 8.2 | 67 | - 4 | 4.8 | +0.6 | 3.2 | 0 | 0 | 23 | 05 | 3 | 0 | 5 | 7 | 1 | 0 | 2 | 5 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3126.7 | 773.5 | +2.1 | 8.0 | 3.9 | - 2.2 | 5.4 | 53 | + 2 | 3.2 | +0.5 | 11.1 | 0 | 4 | 24 | 00 | 5 | 4 | 0 | 0 | 0 | 11 | 8 | 0 | 0 |
| | 1730 | 2311 | 3119.6 | 772.4 | +2.1 | 9.5 | 6.0 | 1.8 | 7.1 | 63 | + 3 | 3.6 | +0.3 | 13.9 | 0 | 7 | 19 | 00 | 2 | 2 | 1 | 0 | 2 | 12 | 7 | 2 | 0 |
| Nainital | 0830 | 1953 | 1498.0 | 805.1 | +0.7 | 9.9 | 4.8 | - 2.3 | .. | 47 | + 0 | 3.0 | +0.7 | 3.4 | 0 | 0 | 20 | 05 | 0 | 4 | 4 | 3 | 0 | 4 | 0 | 8 | 0 |
| | 1730 | 1953 | 1485.4 | 804.1 | +0.6 | 10.7 | 6.7 | 2.1 | 7.1 | 58 | - 3 | 3.2 | +0.5 | 8.4 | 0 | 0 | 28 | 04 | 1 | 2 | 1 | 3 | 0 | 17 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1510.9 | 881.1 | +0.8 | 13.4 | 11.5 | 9.9 | 12.2 | 80 | + 3 | 1.0 | -1.6 | 7.0 | 0 | 0 | 28 | 00 | 0 | 0 | 7 | 0 | 0 | 0 | 21 | 0 | 0 |
| | 1730 | 1209 | 1489.4 | 878.9 | +1.2 | 14.9 | 12.2 | 10.0 | 12.3 | 74 | - 5 | 1.5 | -2.2 | 9.3 | 0 | 0 | 28 | 00 | 0 | 0 | 26 | 0 | 0 | 0 | 2 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1541.3 | 792.8 | +2.0 | 9.6 | 7.6 | 5.7 | 9.1 | 77 | + 3 | 5.0 | +0.8 | 1.4 | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 21 | 0 |
| | 1730 | 2128 | 1512.5 | 790.1 | +1.4 | 9.5 | 8.2 | 7.1 | 10.1 | 85 | + 4 | 5.4 | -0.1 | 1.4 | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 21 | 0 |
| Kohima | 0830 | 1406 | (T) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1630 | 1406 | (T) | | | | | | | | | | | | | | | | | | | | | | | | |
| Shillong | 0830 | 1500 | 1529.8 | 853.2 | +2.0 | 17.1 | 10.8 | 4.5 | 8.4 | 46 | -10 | 2.3 | +0.2 | 9.4 | 0 | 8 | 8 | 00 | 2 | 1 | 1 | 1 | 8 | 2 | 1 | 12 | 0 |
| | 1730 | 1500 | 1488.5 | 849.1 | +0.3 | 16.4 | 12.3 | 8.8 | 11.3 | 64 | - 7 | 6.3 | +1.0 | 2.6 | 0 | 0 | 10 | 03 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 18 | 0 |
| Cherrapunji | 0830 | 1313 | 1520.8 | 871.0 | +0.7 | 16.0 | 11.6 | 7.7 | 10.5 | 58 | - 3 | 1.4 | -0.7 | 3.9 | 0 | 0 | 28 | 00 | 8 | 0 | 5 | 0 | 15 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1498.8 | 869.0 | +1.0 | 15.0 | 11.6 | 8.6 | 11.2 | 66 | - 7 | 1.3 | -2.0 | 3.1 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 0 | 21 | 0 | 0 | 6 | 0 |
| Abu | 0830 | 1195 | 1526.9 | 883.8 | +0.8 | 15.4 | 10.0 | 4.2 | 8.2 | 48 | + 6 | 1.0 | -0.4 | 1.0 | 0 | 0 | 7 | 01 | 0 | 0 | 1 | 0 | 1 | 3 | 1 | 21 | 0 |
| | 1730 | 1195 | 1516.7 | 882.0 | +0.4 | 21.3 | 12.9 | 4.4 | 8.3 | 36 | + 2 | 1.0 | -0.6 | 2.0 | 0 | 0 | 10 | 01 | 2 | 0 | 0 | 0 | 4 | 2 | 1 | 18 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1533.4 | 897.1 | +0.6 | 17.8 | 10.9 | 3.7 | 8.0 | 41 | -13 | 0.8 | -1.1 | 1.5 | 0 | 0 | 17 | 00 | 4 | 5 | 0 | 0 | 4 | 0 | 4 | 11 | 0 |
| | 1730 | 1075 | 1519.5 | 894.5 | +0.4 | 25.0 | 13.1 | 0.2 | 6.6 | 21 | -16 | 1.6 | -0.7 | 3.1 | 0 | 0 | 26 | 01 | 9 | 1 | 0 | 0 | 1 | 4 | 10 | 2 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1530.0 | 865.1 | +0.3 | 17.7 | 10.4 | 2.2 | 7.3 | 37 | - 6 | 0.0 | -0.7 | 10.3 | 0 | 0 | 28 | 00 | 15 | 0 | 8 | 0 | 1 | 0 | 4 | 0 | 0 |
| | 1730 | 1382 | 1519.3 | 863.6 | +0.7 | 25.7 | 14.9 | 5.5 | 9.1 | 28 | -12 | 0.0 | -1.2 | 9.6 | 0 | 0 | 28 | 00 | 14 | 0 | 7 | 0 | 0 | 0 | 7 | 0 | 0 |
| Mercara | 0830 | 1152 | 1524.0 | 887.7 | +0.3 | 19.2 | 15.5 | 12.6 | 14.9 | 68 | - 5 | 0.6 | -1.5 | 9.3 | 0 | 1 | 27 | 02 | 12 | 12 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 1152 | 1506.1 | 885.0 | +0.2 | 26.5 | 17.6 | 11.0 | 13.7 | 41 | -12 | 1.8 | -0.9 | 8.3 | 0 | 0 | 27 | 01 | 3 | 5 | 0 | 0 | 0 | 9 | 9 | 1 | 0 |
| Ootacamund | 0830 | 2249 | 1532.6 | 781.6 | +0.8 | 12.3 | 9.1 | 6.2 | 9.5 | 67 | + 0 | 0.6 | -1.1 | 9.5 | 0 | 0 | 6 | 00 | 1 | 4 | 0 | 0 | 1 | 0 | 0 | 22 | 0 |
| | 1730 | 2249 | 1495.7 | 779.3 | +0.0 | 17.2 | 13.5 | 10.0 | 13.0 | 65 | + 5 | 3.4 | -0.1 | 1.9 | 0 | 0 | 20 | 00 | 7 | 13 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| Coonoor | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Kodaikanal | 0830 | 2343 | 3167.4 | 772.8 | +0.4 | 13.9 | 9.2 | 4.4 | 8.7 | 55 | - 2 | 1.8 | -0.6 | 11.9 | 0 | 3 | 24 | 07 | 9 | 2 | 2 | 1 | 0 | 1 | 5 | 1 | 0 |
| | 1130 | 2343 | 3182.1 | 772.9 | .. | 17.3 | 11.3 | 6.1 | 9.5 | 49 | .. | 2.3 | .. | 14.1 | 0 | 6 | 22 | 06 | 8 | 5 | 5 | 1 | 0 | 1 | 2 | 0 | 0 |
| | 1730 | 2343 | 3150.8 | 771.1 | +0.1 | 14.6 | 11.8 | 9.6 | 12.0 | 73 | + 3 | 4.8 | +0.3 | 6.3 | 0 | 0 | 20 | 03 | 2 | 4 | 6 | 1 | 0 | 1 | 3 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1517.3 | 870.3 | -0.2 | 8.3 | 7.7 | 7.2 | 10.2 | 93 | + 8 | 5.3 | +0.9 | 0.7 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 22 | 0 |
| | 1130 | 1324 | 1514.2 | 869.3 | .. | 16.8 | 12.2 | 8.3 | 11.0 | 58 | .. | 3.6 | .. | 1.3 | 0 | 0 | 12 | 01 | 2 | 3 | 1 | 0 | 1 | 2 | 2 | 16 | 0 |
| | 1730 | 1324 | 1494.0 | 867.3 | -0.2 | 16.8 | 12.8 | 9.4 | 11.8 | 62 | + 2 | 2.9 | +0.0 | 1.4 | 0 | 0 | 9 | 04 | 0 | 0 | 1 | 3 | 0 | 0 | 1 | 19 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 5.2 | 2.0 | - 2.6 | 4.9 | 57 | -13 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 20.6 | 15.4 | 10.5 | 12.7 | 53 | .. | 0.6 | .. | 5.5 | 0 | 0 | 17 | 01 | 0 | 1 | 1 | 0 | 4 | 8 | 2 | 11 | 0 |
| | 1730 | | .. | .. | .. | 24.8 | 15.4 | 6.8 | 9.9 | 33 | .. | 0.7 | .. | 4.5 | 0 | 0 | 20 | 00 | 2 | 1 | 0 | 0 | 0 | 5 | 12 | 8 | 0 |
| Hazaribagh | 0830 | 615 | 1013.9 | 944.8 | .. | 19.9 | 13.7 | 8.4 | 11.0 | 49 | .. | 0.4 | .. | 3.9 | 0 | 0 | 17 | 01 | 0 | 1 | 2 | 2 | 3 | 4 | 4 | 11 | 0 |
| | 1730 | 615 | 1010.0 | 941.8 | .. | 23.2 | 14.8 | 8.0 | 10.7 | 38 | .. | 0.7 | .. | 3.7 | 0 | 0 | 20 | 01 | 0 | 2 | 0 | 0 | 0 | 7 | 10 | 8 | 0 |
| Konar | 0830 | | .. | .. | .. | 19.5 | 13.8 | 7.7 | 10.5 | 50 | .. | 0.2 | .. | 2.3 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 3 | 19 | 6 | 0 | 0 |
| | 1730 | | .. | .. | .. | 21.7 | 14.9 | 8.4 | 11.0 | 45 | .. | 0.4 | .. | 2.6 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 2 | 16 | 10 | 0 | 0 |
| Bokaro | 0830 | 242 | 1014.6 | 986.5 | .. | 18.3 | 14.2 | 10.7 | 12.9 | 62 | .. | 0.3 | .. | 2.4 | 0 | 0 | 19 | 00 | 0 | 1 | 0 | 1 | 2 | 10 | 5 | 9 | 0 |
| | 1730 | 242 | 1011.6 | 984.4 | .. | 25.8 | 17.9 | 12.1 | 14.1 | 44 | .. | 0.3 | .. | 4.6 | 0 | 0 | 26 | 09 | 7 | 0 | 0 | 0 | 1 | 1 | 8 | 2 | 0 |
| Maithon | 0830 | | .. | .. | .. | 24.8 | 16.5 | 9.5 | 11.9 | 40 | .. | 0.7 | .. | .. | 0E) | 0 | 28 | 02 | 5 | 2 | 3 | 0 | 3 | 3 | 10 | 0 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 18.7 | 11.8 | 13.8 | 39 | .. | 0.6 | .. | .. | 0E) | 0 | 28 | 04 | 9 | 2 | 2 | 0 | 3 | 5 | 3 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 18.2 | 13.7 | 9.6 | 11.9 | 59 | .. | 0.5 | .. | 8.0 | 0 | 0 | 24 | 04 | 0 | 1 | 0 | 5 | 2 | 12 | 0 | 4 | 0 |
| | 1730 | | .. | .. | .. | 26.4 | 17.3 | 9.6 | 11.9 | 37 | .. | 1.3 | .. | 6.6 | 0 | 0 | 24 | 08 | 0 | 3 | 0 | 4 | 0 | 7 | 2 | 4 | 0 |
| Panchet Hills | 0830 | | .. | .. | .. | 18.6 | 14.1 | 10.2 | 12.4 | 58 | .. | 0.2 | .. | 2.4 | 0 | 0 | 16 | 00 | 1 | 0 | 1 | 0 | 11 | 0 | 3 | 12 | 0 |
| | 1730 | | .. | .. | .. | 27.1 | 18.0 | 11.0 | 13.1 | 37 | .. | 0.4 | .. | 1.3 | 0 | 0 | 4 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 21.6 | 16.8 | 13.3 | 15.3 | 59 | .. | 0.3 | .. | 5.0 | 0 | 0 | 24 | 03 | 3 | 0 | 0 | 1 | 1 | 4 | 12 | 4 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 18.9 | 12.6 | 14.6 | 40 | .. | 0.3 | .. | 3.5 | 0 | 0 | 21 | 04 | 5 | 0 | 2 | 0 | 1 | 2 | 7 | 7 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 19.6 | 13.6 | 8.5 | 11.2 | 50 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1014.4 | 996.3 | .. | 23.1 | 17.2 | 12.9 | 14.9 | 53 | .. | 0.3 | .. | 2.1 | 0 | 0 | 13 | 03 | 3 | 3 | 1 | 0 | 0 | 0 | 3 | 15 | 0 |
| | 1130 | 159 | 1013.4 | 995.4 | .. | 28.5 | 18.9 | 12.0 | 14.0 | 37 | .. | 0.3 | .. | 2.7 | 0 | 0 | 18 | 03 | 0 | 2 | 1 | 0 | 2 | 6 | 4 | 10 | 0 |
| | 1730 | 159 | 1009.7 | 991.9 | .. | 29.6 | 19.2 | 11.8 | 13.8 | 33 | .. | 0.4 | .. | 0.4 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 25 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 20.3 | 16.8 | 14.3 | 16.3 | 68 | .. | 1.4 | .. | 1.1 | 0 | 0 | 11 | 03 | 1 | 0 | 0 | 0 | 1 | 0 | 6 | 17 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 18.7 | 12.3 | 14.3 | 40 | .. | 1.3 | .. | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 26 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 23.0 | 21.0 | 19.9 | 23.2 | 81 | .. | . | .. | 3.1 | 0 | 0 | 19 | 01 | 0 | 11 | 0 | 6 | 0 | 1 | 0 | 9 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 21.1 | 14.2 | 7.2 | 10.7 | 41 | .. | . | .. | 8.6 | 0 | 0 | 25 | 00 | 0 | 3 | 11 | 1 | 7 | 1 | 2 | 3 | 0 |
| | 1730 | | .. | .. | .. | 31.1 | 16.8 | 2.5 | 7.5 | 17 | .. | . | .. | 7.6 | 0 | 0 | 28 | 03 | 5 | 6 | 4 | 0 | 2 | 1 | 7 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 19.1 | 12.1 | 4.4 | 8.5 | 39 | .. | 0.6 | .. | 9.9 | 0 | 1 | 24 | 02 | 6 | 2 | 0 | 2 | 7 | 5 | 1 | 3 | 0 |
| | 1730 | | .. | .. | .. | 30.2 | 16.1 | 1.4 | 6.9 | 17 | .. | 0.7 | .. | 9.3 | 0 | 0 | 23 | 03 | 10 | 0 | 0 | 0 | 1 | 6 | 3 | 5 | 0 |
| Punasa | 0830 | | .. | .. | .. | 20.9 | 12.8 | 4.3 | 8.2 | 39 | .. | 1.9 | .. | 9.7 | 0 | 1 | 27 | 00 | 12 | 10 | 0 | 0 | 2 | 2 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 28.8 | 16.0 | 3.0 | 7.9 | 20 | .. | 2.2 | .. | 9.4 | 0 | 0 | 28 | 08 | 9 | 5 | 1 | 1 | 0 | 2 | 2 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 22.9 | 14.3 | 5.7 | 9.1 | 34 | .. | 0.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 18.6 | 12.7 | 6.9 | 9.9 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 28.3 | 15.9 | 3.6 | 8.0 | 21 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 5.1 | 3.0 | 0.7 | 6.5 | 74 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 8.4 | 5.9 | 3.6 | 7.9 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 14.0 | 10.9 | 8.0 | 10.9 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.5 | 14.5 | 10.7 | 12.9 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 d | | .. | .. | .. | 8.6 | 4.5 | - 1.4 | 5.8 | 53 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 14.2 | 9.6 | 5.3 | 9.0 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 15.3 | 12.7 | 10.5 | 12.8 | 74 | .. | 2.3 | .. | 1.6 | 0 | 0 | 16 | 08 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 12 | 0 |
| | 1130 | | .. | .. | .. | 19.7 | 14.5 | 10.5 | 12.8 | 56 | .. | 3.0 | .. | 3.9 | 0 | 0 | 22 | 00 | 0 | 0 | 13 | 8 | 1 | 0 | 0 | 6 | 0 |
| | 1730 | | .. | .. | .. | 19.7 | 14.9 | 11.3 | 13.5 | 60 | .. | 4.0 | .. | 2.3 | 0 | 0 | 20 | 00 | 1 | 2 | 13 | 4 | 0 | 0 | 0 | 8 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 15.1 | 12.5 | 10.5 | 12.7 | 74 | .. | 2.5 | .. | .. | . | .. | .. | 00 | 1 | 0 | 3 | 2 | 9 | 1 | 1 | 11 | 0 |
| | 1130 | | .. | .. | .. | 18.5 | 14.5 | 11.4 | 13.6 | 65 | .. | 2.6 | .. | .. | . | .. | .. | 00 | 0 | 1 | 1 | 3 | 20 | 1 | 0 | 2 | 0 |
| | 1730 | | .. | .. | .. | 17.2 | 13.4 | 10.5 | 12.7 | 65 | .. | 1.6 | .. | .. | . | .. | .. | 00 | 0 | 0 | 1 | 3 | 16 | 0 | 1 | 7 | 0 |
| Nuwakot | 0830 | | (e) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (e) | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - FEBRUARY 1966 (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km. p.h.) 62 or more | Wind Speed (Km. p.h.) 20 to 61 | Wind Speed (Km. p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **AGHARA CATCHMENT (TRANS HIMALAYAN GION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 12.0 | 9.4 | 6.8 | 10.0 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.4 | 11.7 | 7.4 | 10.4 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **AGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | .. | .. | .. | 10.9 | 6.9 | 2.7 | 7.5 | 59 | .. | 2.7 | .. | 4.2 | 0 | 0 | 25 | 01 | 0 | 7 | 11 | 2 | 0 | 2 | 2 | 3 | 0 |
| | 1130 | | .. | .. | .. | 13.9 | 8.6 | 3.2 | 7.8 | 50 | .. | 3.5 | .. | 5.9 | 0 | 0 | 26 | 08 | 1 | 0 | 5 | 2 | 0 | 0 | 10 | 2 | [illegible] |
| | 1730 | | .. | .. | .. | 12.2 | 8.2 | 4.2 | 8.3 | 61 | .. | 3.5 | .. | 4.2 | 0 | 0 | 25 | 02 | 0 | 0 | 0 | 3 | 6 | 9 | 5 | 3 | 0 |
| Ballyana | 0830 | | .. | .. | .. | 14.0 | 10.1 | 6.3 | 9.6 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.6 | 12.0 | 7.8 | 10.7 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 19.6 | 16.2 | 13.7 | 15.8 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.5 | 19.5 | 16.9 | 19.5 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 1324 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| **SI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | .. | .. | .. | 11.5 | 9.3 | 7.4 | 10.4 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.0 | 12.1 | 9.1 | 11.8 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830 | | .. | .. | .. | 3.4 | 1.0[d] | -2.5[d] | 5.2[d] | 69[d] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 3.1 | 2.0[e] | 0.2[e] | 6.3[e] | 81[e] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 14.3 | 10.5 | 6.7 | 10.0 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.9 | 11.5 | 7.4 | 10.4 | 58 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 13.5 | 10.5 | 8.2 | 10.9 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.7 | 10.6 | 8.9 | 11.5 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 10.7 | 8.5 | 6.3 | 9.7 | 76 | .. | 4.1 | .. | .. | . | .. | .. | 01 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | | .. | .. | .. | 14.8 | 10.9 | 7.7 | 10.5 | 64 | .. | 4.0 | .. | .. | . | .. | .. | 03 | 0 | 1 | 2 | 6 | 3 | 3 | 1 | 9 | 0 |
| | 1730 | | .. | .. | .. | 12.9 | 9.7 | 6.9 | 10.0 | 67 | .. | 4.7 | .. | .. | . | .. | .. | 01 | 1 | 0 | 3 | 10 | 1 | 0 | 0 | 12 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 11.2 | 9.1 | 7.3 | 10.2 | 77 | .. | 3.5 | .. | 0.9 | 0 | 0 | 7 | 00 | 0 | 0 | 1 | 1 | 0 | 4 | 1 | 21 | 0 |
| | 1130 | | .. | .. | .. | 14.2 | 9.7 | 5.8 | 9.3 | 58 | .. | 2.8 | .. | 1.1 | 0 | 0 | 10 | 00 | 0 | 1 | 0 | 1 | 0 | 7 | 1 | 18 | 0 |
| | 1730 | | .. | .. | .. | 11.9 | 9.5 | 7.4 | 10.4 | 75 | .. | 3.9 | .. | 3.4 | 0 | 0 | 19 | 01 | 0 | 0 | 0 | 1 | 0 | 17 | 0 | 9 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 14.1 | 10.5 | 7.0 | 10.0 | 62 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.4 | 11.9 | 8.8 | 11.3 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | g | .. | .. | .. | 15.9 | 12.3 | 9.0 | 11.8 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | g | .. | .. | .. | 15.2 | 12.0 | 9.1 | 11.9 | 69 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1015.4 | 998.3 | .. | 17.4 | 15.1 | 13.3 | 15.4 | 78 | .. | 2.6 | .. | 1.6 | 0 | 0 | 17 | 00 | 4 | 3 | 2 | 0 | 6 | 2 | 0 | 11 | 0 |
| | 1130 | 146 | 1013.6 | 996.9 | .. | 24.2 | 18.1 | 13.9 | 15.9 | 53 | .. | 2.6 | .. | 3.0 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 8 | 9 | 3 | 8 | 0 |
| | 1730 | 146 | 1010.8 | 994.1 | .. | 21.7 | 17.8 | 15.1 | 17.3 | 67 | .. | 2.7 | .. | 1.6 | 0 | 0 | 18 | 00 | 1 | 9 | 5 | 1 | 2 | 0 | 0 | 10 | 0 |
| **STA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1514.7 | 820.6 | .. | 10.2 | 8.7 | 7.3 | 10.3 | 83 | .. | 4.7 | .. | 0.8 | 0 | 0 | 3 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | 1812 | 1507.0 | 820.2 | .. | 14.0 | 10.8 | 8.2 | 10.9 | 69 | .. | 4.5 | .. | 3.3 | 0 | 0 | 22 | 00 | 0 | 0 | 1 | 7 | 10 | 4 | 0 | 6 | 0 |
| | 1730 | 1812 | 1488.9 | 818.3 | .. | 12.2 | 9.9 | 7.9 | 10.7 | 76 | .. | 6.0 | .. | 2.1 | 0 | 0 | 11 | 00 | 1 | 0 | 3 | 4 | 3 | 0 | 0 | 17 | 0 |
| Gezing | 0830 | | .. | .. | .. | 12.5 | 10.5 | 8.8 | 11.4 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.6 | 11.0 | 8.7 | 11.6 | 75 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 54 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 14 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. a.m.s.l. are given under Table IV and data above 9.0 km. a.m.s.l. under Table V.

In Tables IV and V :-

n = represents the number of observations;

V = represents the mean wind speed in metres per second irrespective of direction;

v = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

** ** **

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS

| S. No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of opening ** | Approximate times of flight ( I. S. T. ) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begumpet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramatha | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santacruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 03 | 88 16 | 2115 | 1st Jun. 1963 | 2330 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 28. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 38. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 39. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 40. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 41. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 42. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | |
| 43. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 44. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 45. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 46. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 47. | Srinagar | 34 06 | 74 48 | 1588 | 1st Aug. 1962 | 0530* | | 1730* | |
| 48. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 49. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 50. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 51. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 52. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 53. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 54. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.6 | 00.3 | 159 | 28 | 01.2 | 01.0 | 257 | 28 | 00.8 | 00.4 | 191 | 28 | 01.3 | 00.8 | 339 | 28 | 03.1 | 01.9 | 078 | 28 | 02.6 | 00.7 | 347 |
| .15 A.G.L. | 28 | 02.9 | 00.1 | 204 | 28 | 03.6 | 02.8 | 261 | 28 | 04.4 | 01.6 | 253 | 28 | 07.6 | 04.4 | 009 | 28 | 04.6 | 02.1 | 075 | 28 | 04.5 | 01.6 | 302 |
| .3A.M.S.L. | 28 | 03.0 | 01.1 | 290 | 28 | 03.8 | 03.0 | 261 | 28 | 04.4 | 02.4 | 256 | 28 | 07.5 | 04.2 | 009 | 28 | 04.9 | 02.2 | 082 | 28 | 04.5 | 01.5 | 300 |
| .6 ,, | 28 | 03.1 | 01.3 | 287 | 28 | 03.8 | 02.8 | 255 | 28 | 03.9 | 02.8 | 258 | 28 | 06.8 | 02.8 | 012 | 28 | 04.3 | 01.7 | 070 | 28 | 04.5 | 01.3 | 307 |
| .9 ,, | 28 | 03.5 | 01.9 | 268 | 28 | 03.9 | 02.9 | 242 | 28 | 03.8 | 02.9 | 263 | 28 | 05.9 | 01.9 | 335 | 28 | 04.1 | 00.7 | 014 | 28 | 04.1 | 00.4 | 338 |
| 1.5 ,, | 28 | 05.1 | 03.7 | 275 | 28 | 04.6 | 03.4 | 231 | 28 | 05.0 | 03.8 | 268 | 28 | 04.2 | 01.4 | 245 | 28 | 04.7 | 02.1 | 248 | 28 | 04.0 | 01.5 | 270 |
| 2.1 ,, | 28 | 07.1 | 06.4 | 287 | 28 | 06.0 | 04.7 | 255 | 28 | 07.5 | 06.0 | 282 | 28 | 05.7 | 03.3 | 235 | 28 | 06.3 | 03.9 | 238 | 28 | 04.9 | 03.1 | 259 |
| 3.0 ,, | 28 | 10.4 | 08.8 | 291 | 28 | 10.9 | 09.8 | 279 | 28 | 10.3 | 08.0 | 291 | 28 | 08.0 | 06.0 | 240 | 28 | 07.7 | 05.8 | 245 | 28 | 08.2 | 06.3 | 254 |
| 3.6 ,, | 14 | 11.4 | 10.9 | 290 | 26 | 13.9 | 12.4 | 278 | 03 | 12.0 | 11.5 | 277 | 28 | 09.9 | 07.8 | 247 | 28 | 08.7 | 07.2 | 256 | 28 | 09.3 | 07.6 | 254 |
| 4.5 ,, | 10 | 15.0 | 14.0 | 277 | 25 | 16.6 | 15.1 | 281 | 01 | 11.0 | 11.0 | 295 | 28 | 12.1 | 09.9 | 254 | 28 | 12.5 | 10.9 | 266 | 26 | 12.8 | 11.4 | 259 |
| 5.4 ,, | 07 | 14.0 | 13.7 | 278 | 23 | 17.7 | 16.0 | 278 | 01 | 13.0 | 13.0 | 295 | 28 | 16.8 | 15.5 | 259 | 27 | 15.7 | 14.7 | 270 | 26 | 15.1 | 14.2 | 261 |
| 6.0 ,, | 05 | 15.4 | 15.2 | 282 | 20 | 19.3 | 17.4 | 265 | | | | | 28 | 18.7 | 16.7 | 257 | 27 | 18.4 | 17.4 | 272 | 26 | 18.4 | 17.1 | 264 |
| 7.2 ,, | 04 | 14.7 | 14.7 | 277 | 11 | 20.4 | 19.4 | 283 | | | | | 27 | 23.8 | 22.2 | 263 | 25 | 24.2 | 22.6 | 276 | 26 | 23.3 | 22.0 | 268 |
| 9.0 ,, | 03 | 16.0 | 15.7 | 277 | 03 | 24.7 | 22.8 | 280 | | | | | 24 | 30.9 | 27.4 | 269 | 20 | 33.7 | 31.5 | 274 | 24 | 26.0 | 24.1 | 266 |

| STATION | AHMADABAD | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | | | | | AMBALA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.0 | 00.4 | 329 | 28 | 00.1 | 00.1 | 050 | 28 | 01.0 | 00.5 | 263 | 28 | 01.0 | 00.3 | 284 | 28 | 00.3 | 00.5 | 260 | 28 | 01.8 | 00.7 | 347 |
| .15 A.G.L. | 28 | 05.9 | 03.8 | 335 | 28 | 04.7 | 01.4 | 320 | 28 | 03.4 | 02.0 | 266 | 28 | 05.3 | 03.8 | 303 | 27 | 08.6 | 04.7 | 327 | 27 | 08.0 | 04.0 | 339 |
| .3A.M.S.L. | 28 | 06.1 | 04.0 | 334 | 28 | 04.7 | 01.4 | 320 | 28 | 03.7 | 02.1 | 267 | 28 | 05.3 | 03.8 | 303 | 27 | 08.6 | 04.3 | 343 | 27 | 03.5 | 01.4 | 350 |
| .6 ,, | 28 | 05.2 | 03.4 | 330 | 28 | 06.7 | 03.3 | 330 | 28 | 04.9 | 02.8 | 281 | 28 | 05.7 | 03.4 | 304 | 27 | 08.1 | 04.7 | 321 | 27 | 07.7 | 03.9 | 332 |
| .9 ,, | 28 | 04.3 | 02.5 | 325 | 28 | 07.5 | 04.1 | 310 | 28 | 06.4 | 04.5 | 294 | 28 | 05.1 | 04.0 | 290 | 27 | 08.0 | 05.6 | 317 | 27 | 07.0 | 03.6 | 325 |
| 1.5 ,, | 28 | 03.9 | 01.5 | 263 | 28 | 09.2 | 04.5 | 300 | 28 | 08.0 | 06.8 | 292 | 28 | 06.9 | 05.6 | 295 | 27 | 08.9 | 06.9 | 292 | 26 | 07.7 | 03.9 | 308 |
| 2.1 ,, | 27 | 04.7 | 02.1 | 241 | 28 | 09.9 | 08.7 | 295 | 28 | 09.5 | 07.1 | 297 | 28 | 09.3 | 07.4 | 280 | 27 | 10.3 | 10.2 | 288 | 24 | 07.8 | 04.3 | 301 |
| 3.0 ,, | 27 | 06.6 | 04.3 | 240 | 28 | 11.2 | 09.9 | 280 | 26 | 12.1 | 09.5 | 291 | 27 | 11.4 | 09.8 | 275 | 20 | 10.8 | 08.8 | 288 | 18 | 07.0 | 05.2 | 303 |
| 3.6 ,, | 09 | 07.9 | 05.9 | 240 | 28 | 11.9 | 10.5 | 275 | 25 | 13.1 | 11.6 | 282 | 27 | 12.1 | 11.0 | 282 | 05 | 13.2 | 12.4 | 248 | 17 | 07.7 | 06.9 | 292 |
| 4.5 ,, | 02 | 12.0 | 11.1 | 274 | 28 | 13.9 | 13.1 | 270 | 24 | 15.7 | 14.1 | 286 | 27 | 14.2 | 13.0 | 274 | | | | | 17 | 11.3 | 10.2 | 288 |
| 5.4 ,, | 01 | 06.0 | 06.0 | 326 | 28 | 16.5 | 15.7 | 270 | 22 | 19.6 | 18.7 | 288 | 27 | 16.6 | 11.8 | 273 | | | | | 14 | 16.9 | 15.6 | 287 |
| 6.0 ,, | 01 | 07.0 | 07.0 | 338 | 28 | 18.5 | 17.7 | 270 | 22 | 22.6 | 21.2 | 277 | 27 | 18.1 | 17.4 | 273 | | | | | 12 | 21.0 | 19.7 | 283 |
| 7.2 ,, | | | | | 28 | 23.3 | 22.1 | 275 | 20 | 27.2 | 26.9 | 278 | 27 | 20.1 | 11.8 | 265 | | | | | 05 | 28.0 | 26.8 | 278 |
| 9.0 ,, | | | | | 26 | 30.8 | 30.2 | 265 | 07 | 28.6 | 25.9 | 273 | 27 | 31.0 | 30.8 | 273 | | | | | 01 | 32.0 | 32.0 | 280 |

| STATION | AMBALA | | | | | | | | | | | | AMINI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 02.4 | 00.6 | 304 | 28 | 02.9 | 01.6 | 297 | 28 | 02.0 | 01.5 | 324 | 28 | 03.6 | 03.0 | 342 | 28 | 01.9 | 01.6 | 353 | 28 | 03.1 | 02.7 | 327 |
| .15 A.G.L. | 28 | 05.5 | 02.2 | 327 | 27 | 05.6 | 03.7 | 290 | 28 | 08.5 | 06.2 | 333 | 28 | 05.0 | 04.5 | 347 | 28 | 03.4 | 03.1 | 001 | 28 | 04.1 | 03.5 | 338 |
| .3A.M.S.L. | 28 | 03.0 | 00.9 | 328 | 27 | 03.6 | 02.5 | 282 | 28 | 03.4 | 02.1 | 330 | 28 | 05.0 | 04.5 | 348 | 28 | 03.2 | 02.9 | 011 | 28 | 04.4 | 03.6 | 340 |
| .6 ,, | 28 | 06.8 | 02.1 | 320 | 27 | 06.0 | 03.5 | 288 | 28 | 07.5 | 04.7 | 327 | 28 | 05.1 | 04.7 | 357 | 28 | 03.3 | 02.9 | 023 | 28 | 04.0 | 03.1 | 350 |
| .9 ,, | 28 | 07.6 | 01.9 | 314 | 27 | 06.7 | 04.2 | 300 | 28 | 06.6 | 03.8 | 322 | 27 | 04.4 | 03.5 | 011 | 27 | 03.7 | 02.9 | 039 | 28 | 03.9 | 02.3 | 018 |
| 1.5 ,, | 27 | 07.5 | 02.4 | 292 | 27 | 06.8 | 02.9 | 305 | 28 | 05.8 | 03.8 | 292 | 25 | 04.3 | 03.1 | 093 | 26 | 04.3 | 03.3 | 068 | 28 | 05.2 | 03.8 | 067 |
| 2.1 ,, | 26 | 07.5 | 03.3 | 292 | 27 | 06.5 | 02.8 | 298 | 26 | 05.5 | 04.2 | 289 | 24 | 05.4 | 04.7 | 113 | 23 | 04.9 | 03.6 | 073 | 26 | 05.4 | 03.9 | 082 |
| 3.0 ,, | 25 | 07.4 | 04.0 | 278 | 23 | 07.4 | 04.3 | 290 | 24 | 07.1 | 04.8 | 290 | 22 | 06.3 | 03.9 | 110 | 22 | 05.5 | 02.0 | 085 | 25 | 05.7 | 02.9 | 104 |
| 3.6 ,, | 23 | 08.2 | 06.0 | 274 | 22 | 08.6 | 07.1 | 297 | 08 | 07.0 | 03.7 | 269 | 15 | 05.5 | 01.6 | 125 | 17 | 06.1 | 02.7 | 088 | 20 | 05.5 | 02.3 | 086 |
| 4.5 ,, | 18 | 11.2 | 10.0 | 277 | 19 | 10.8 | 10.2 | 287 | 02 | 13.0 | 10.3 | 314 | 10 | 05.5 | 04.0 | 066 | 15 | 05.1 | 03.0 | 049 | 08 | 05.4 | 01.0 | 170 |
| 5.4 ,, | 17 | 16.0 | 15.0 | 274 | 15 | 17.2 | 16.2 | 283 | | | | | 03 | 06.0 | 05.9 | 006 | 13 | 06.2 | 04.1 | 060 | 03 | 04.3 | 03.8 | 154 |
| 6.0 ,, | 16 | 18.3 | 17.1 | 273 | 13 | 20.9 | 20.1 | 280 | | | | | 02 | 08.5 | 08.5 | 354 | 11 | 06.1 | 03.3 | 062 | 01 | 06.0 | 06.0 | 175 |
| 7.2 ,, | 07 | 26.7 | 26.0 | 273 | 07 | 27.0 | 26.5 | 274 | | | | | | | | | 06 | 07.2 | 01.1 | 343 | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | 03 | 05.7 | 02.4 | 123 | | | | |

| STATION | ANANTAPUR | | | | | | | | | | | | ASANSOL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.8 | 00.7 | 080 | 28 | 02.5 | 02.3 | 070 | 28 | 04.5 | 04.1 | 097 | 28 | 00.4 | 00.3 | 265 | 28 | 01.4 | 00.9 | 332 | 28 | 00.4 | 00.2 | 278 |
| .15 A.G.L. | 28 | 04.2 | 02.8 | 121 | 28 | 04.4 | 03.7 | 068 | 28 | 08.8 | 08.3 | 106 | 28 | 03.2 | 01.4 | 298 | 28 | 03.3 | 01.9 | 327 | 28 | 05.3 | 03.0 | 002 |
| .3A.M.S.L. | | | | | | | | | | | | | 28 | 03.3 | 01.3 | 308 | 28 | 03.5 | 02.1 | 325 | 28 | 05.6 | 03.1 | 003 |
| .6 ,, | 28 | 04.6 | 03.1 | 134 | 28 | 04.3 | 03.6 | 070 | 28 | 08.9 | 08.5 | 106 | 28 | 04.3 | 02.2 | 325 | 28 | 04.5 | 02.8 | 314 | 28 | 05.8 | 02.9 | 343 |
| .9 ,, | 28 | 06.3 | 03.6 | 115 | 28 | 04.3 | 03.6 | 078 | 28 | 07.1 | 06.8 | 105 | 28 | 05.4 | 03.3 | 304 | 28 | 04.2 | 02.8 | 304 | 28 | 05.6 | 02.9 | 301 |
| 1.5 ,, | 28 | 05.5 | 03.2 | 085 | 28 | 04.3 | 03.5 | 085 | 28 | 03.7 | 03.1 | 084 | 28 | 06.6 | 05.4 | 298 | 28 | 04.5 | 04.0 | 282 | 28 | 06.7 | 05.5 | 271 |
| 2.1 ,, | 28 | 04.3 | 02.6 | 040 | 28 | 04.1 | 02.7 | 085 | 28 | 03.6 | 01.7 | 030 | 27 | 09.4 | 08.1 | 292 | 28 | 07.6 | 06.9 | 290 | 28 | 09.3 | 08.4 | 260 |
| 3.0 ,, | 28 | 04.2 | 02.6 | 046 | 26 | 04.0 | 01.8 | 081 | 25 | 03.9 | 01.0 | 043 | 26 | 11.6 | 10.3 | 292 | 28 | 12.0 | 11.3 | 288 | 24 | 10.7 | 10.1 | 287 |
| 3.6 ,, | 28 | 04.4 | 01.2 | 069 | 25 | 04.3 | 01.3 | 081 | 09 | 04.0 | 01.3 | 338 | 25 | 12.6 | 11.6 | 291 | 28 | 13.1 | 12.4 | 284 | 12 | 11.2 | 09.8 | 287 |
| 4.5 ,, | 28 | 06.3 | 01.2 | 040 | 23 | 05.4 | 01.1 | 047 | 02 | 02.0 | 01.0 | 026 | 16 | 13.2 | 12.4 | 281 | 27 | 14.5 | 13.8 | 284 | 02 | 19.5 | 19.5 | 258 |
| 5.4 ,, | 27 | 06.8 | 02.2 | 335 | 20 | 05.9 | 02.2 | 018 | | | | | 09 | 17.1 | 16.1 | 276 | 24 | 17.4 | 16.7 | 282 | | | | |
| 6.0 ,, | 27 | 07.5 | 03.7 | 304 | 17 | 07.3 | 03.5 | 345 | | | | | 08 | 17.9 | 17.1 | 271 | 23 | 19.8 | 18.4 | 279 | | | | |
| 7.2 ,, | 26 | 08.7 | 06.0 | 290 | 10 | 09.1 | 06.3 | 307 | | | | | 04 | 27.3 | 27.0 | 271 | 17 | 24.1 | 23.4 | 274 | | | | |
| 9.0 ,, | 12 | 08.2 | 06.3 | 267 | | | | | | | | | 01 | 38.0 | 38.0 | 280 | 03 | 18.3 | 16.6 | 260 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS.

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.5 | 00.3 | 319 | 28 | 03.2 | 00.4 | 272 | 28 | 01.0 | 00.6 | 329 | 28 | 01.0 | 00.2 | 202 | 28 | 01.6 | 00.4 | 262 | 28 | 01.6 | 00.7 | 275 |
| .15 A.G.L. | 28 | 05.0 | 02.1 | 055 | 28 | 04.9 | 00.8 | 233 | 28 | 06.5 | 03.7 | 032 | 24 | 04.5 | 02.2 | 290 | 28 | 03.6 | 01.2 | 255 | 28 | 04.0 | 01.9 | 288 |
| .3A.M.S.L. | | | | | | | | | | | | | 24 | 04.6 | 01.9 | 299 | 28 | 03.8 | 00.3 | 214 | 28 | 04.1 | 01.9 | 287 |
| .6 ,, | | | | | | | | | | | | | 24 | 05.5 | 02.9 | 309 | 28 | 05.4 | 01.9 | 282 | 28 | 05.0 | 02.6 | 287 |
| .9 ,, | 28 | 05.7 | 02.7 | 081 | 28 | 04.5 | 01.0 | 256 | 28 | 06.7 | 03.7 | 032 | 24 | 06.3 | 04.2 | 313 | 28 | 06.4 | 02.9 | 292 | 28 | 05.6 | 03.5 | 285 |
| 1.5 ,, | 28 | 04.5 | 01.3 | 121 | 28 | 05.2 | 01.8 | 254 | 28 | 04.7 | 01.1 | 016 | 23 | 08.6 | 06.9 | 305 | 28 | 07.6 | 05.2 | 296 | 27 | 07.5 | 06.5 | 302 |
| 2.1 ,, | 28 | 05.1 | 01.5 | 218 | 28 | 05.5 | 01.3 | 263 | 28 | 04.7 | 01.0 | 198 | 22 | 11.0 | 09.8 | 301 | 25 | 10.0 | 07.8 | 297 | 27 | 10.1 | 09.1 | 296 |
| 3.0 ,, | 28 | 05.9 | 02.5 | 241 | 28 | 06.5 | 01.1 | 233 | 28 | 05.4 | 02.4 | 216 | 12 | 12.3 | 10.8 | 288 | 21 | 11.0 | 09.7 | 285 | 22 | 12.3 | 11.4 | 290 |
| 3.6 ,, | 20 | 07.1 | 03.3 | 254 | 26 | 06.7 | 03.5 | 264 | 25 | 06.2 | 03.1 | 243 | 07 | 12.3 | 11.4 | 291 | 19 | 12.5 | 11.2 | 283 | 18 | 12.9 | 11.5 | 284 |
| 4.5 ,, | 03 | 09.7 | 09.4 | 279 | 26 | 08.0 | 05.3 | 269 | 10 | 08.2 | 05.6 | 257 | 04 | 16.0 | 14.9 | 287 | 13 | 12.2 | 11.2 | 279 | 14 | 14.6 | 13.6 | 286 |
| 5.4 ,, | | | | | 25 | 10.2 | 07.8 | 273 | 01 | 16.0 | 16.0 | 295 | 03 | 17.7 | 17.1 | 282 | 09 | 15.0 | 14.7 | 277 | 11 | 18.1 | 17.4 | 281 |
| 6.0 ,, | | | | | 22 | 12.5 | 10.4 | 279 | | | | | 01 | 24.0 | 24.0 | 275 | 09 | 18.8 | 18.3 | 275 | 08 | 20.1 | 18.1 | 296 |
| 7.2 ,, | | | | | 08 | 15.0 | 11.7 | 272 | | | | | | | | | 03 | 26.3 | 25.7 | 287 | 02 | 28.0 | 27.8 | 278 |
| 9.0 ,, | | | | | 02 | 20.5 | 20.5 | 243 | | | | | | | | | | | | | | | | |

| STATION | BANGALORE | | | | | | | | | | | | | | | | BAREILLY | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 @ | | | | 1130 | | | | 1730 @ | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 03.7 | 02.9 | 110 | 28 | 02.7 | 02.0 | 084 | 28 | 02.8 | 02.6 | 084 | 28 | 03.7 | 03.6 | 110 | 28 | 01.0 | 00.4 | 292 | 28 | 01.8 | 01.4 | 306 |
| .15 A.G.L. | 26 | 06.6 | 04.2 | 105 | 28 | 04.0 | 03.0 | 092 | 28 | 04.6 | 04.0 | 090 | 28 | 09.7 | 09.4 | 110 | 26 | 07.0 | 04.3 | 311 | 28 | 05.4 | 03.9 | 303 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 26 | 06.3 | 03.7 | 314 | 28 | 05.1 | 03.7 | 306 |
| .6 ,, | | | | | | | | | | | | | | | | | 26 | 08.4 | 05.6 | 313 | 28 | 07.1 | 05.1 | 301 |
| .9 ,, | | | | | | | | | | | | | | | | | 26 | 08.6 | 06.3 | 310 | 28 | 07.6 | 05.7 | 300 |
| 1.5 ,, | 26 | 06.3 | 03.3 | 085 | 28 | 04.1 | 03.2 | 071 | 28 | 04.9 | 03.6 | 087 | 28 | 08.6 | 07.8 | 102 | 26 | 09.7 | 07.8 | 304 | 28 | 08.6 | 07.2 | 302 |
| 2.1 ,, | 26 | 05.0 | 03.1 | 049 | 28 | 04.8 | 03.8 | 071 | 27 | 04.0 | 03.0 | 079 | 28 | 04.3 | 02.1 | 036 | 26 | 10.7 | 08.5 | 302 | 27 | 09.4 | 07.5 | 291 |
| 3.0 ,, | 26 | 04.6 | 02.3 | 061 | 28 | 04.6 | 02.4 | 098 | 26 | 03.7 | 01.1 | 077 | 28 | 05.4 | 01.3 | 352 | 21 | 10.7 | 09.8 | 293 | 25 | 10.7 | 08.6 | 280 |
| 3.6 ,, | 25 | 05.0 | 02.0 | 098 | 28 | 04.9 | 02.2 | 117 | 27 | 04.0 | 01.1 | 073 | 25 | 05.7 | 03.2 | 066 | 19 | 12.3 | 10.9 | 286 | 23 | 11.4 | 10.2 | 288 |
| 4.5 ,, | 24 | 05.8 | 02.1 | 077 | 26 | 06.1 | 02.8 | 069 | 27 | 05.6 | 01.1 | 052 | 17 | 04.8 | 02.7 | 063 | 15 | 12.2 | 11.0 | 283 | 20 | 12.7 | 12.2 | 298 |
| 5.4 ,, | 24 | 06.9 | 01.4 | 028 | 24 | 06.7 | 03.7 | 047 | 26 | 06.7 | 02.7 | 013 | 05 | 04.0 | 02.1 | 056 | 14 | 15.0 | 14.0 | 278 | 14 | 15.9 | 15.3 | 289 |
| 6.0 ,, | 24 | 06.9 | 01.6 | 004 | 24 | 07.3 | 03.4 | 034 | 26 | 07.7 | 03.1 | 340 | 05 | 05.0 | 00.4 | 051 | 11 | 17.5 | 13.5 | 283 | 12 | 19.0 | 18.5 | 279 |
| 7.2 ,, | 22 | 07.0 | 03.1 | 332 | 23 | 07.6 | 02.3 | 336 | 26 | 08.4 | 03.3 | 300 | 01 | 05.0 | 05.0 | 025 | 06 | 19.5 | 18.0 | 272 | 08 | 22.6 | 22.1 | 278 |
| 9.0 ,, | 21 | 08.2 | 05.1 | 268 | 20 | 08.1 | 03.6 | 253 | 24 | 09.3 | 06.2 | 262 | | | | | 01 | 24.0 | 24.0 | 275 | 01 | 44.0 | 44.0 | 285 |

| STATION | BEGAMPET | | | | | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.9 | 00.6 | 111 | 28 | 02.3 | 01.8 | 090 | 28 | 02.1 | 01.7 | 103 | 28 | 01.1 | 00.8 | 240 | 28 | 01.5 | 01.2 | 290 | 28 | 01.6 | 01.1 | 071 |
| .15 A.G.L. | 26 | 04.4 | 03.7 | 141 | 28 | 04.0 | 02.9 | 095 | 28 | 06.4 | 05.6 | 106 | 27 | 04.5 | 02.4 | 242 | 28 | 04.8 | 03.5 | 304 | 26 | 06.8 | 03.7 | 084 |
| .3A.M.S.L. | | | | | | | | | | | | | 27 | 04.5 | 01.9 | 264 | 28 | 04.9 | 03.5 | 294 | | | | |
| .6 ,, | 26 | 03.1 | 02.5 | 134 | 28 | 03.6 | 02.7 | 096 | 28 | 04.6 | 03.8 | 100 | 27 | 04.6 | 02.3 | 298 | 28 | 05.2 | 04.1 | 294 | 26 | 05.7 | 03.5 | 078 |
| .9 ,, | 26 | 05.6 | 04.2 | 133 | 28 | 04.2 | 03.1 | 099 | 28 | 06.5 | 05.8 | 111 | 27 | 05.5 | 03.9 | 296 | 28 | 06.0 | 05.1 | 285 | 26 | 06.2 | 02.6 | 060 |
| 1.5 ,, | 26 | 05.6 | 02.7 | 126 | 28 | 04.0 | 03.1 | 098 | 28 | 05.0 | 03.7 | 117 | 26 | 08.1 | 07.1 | 289 | 28 | 08.0 | 06.9 | 278 | 26 | 04.6 | 02.1 | 302 |
| 2.1 ,, | 26 | 04.8 | 02.4 | 058 | 28 | 03.7 | 02.3 | 099 | 28 | 04.6 | 01.7 | 039 | 24 | 09.2 | 08.2 | 291 | 28 | 10.7 | 09.6 | 281 | 26 | 06.4 | 04.7 | 271 |
| 3.0 ,, | 26 | 04.7 | 01.9 | 020 | 28 | 04.7 | 00.9 | 010 | 28 | 05.2 | 03.1 | 342 | 15 | 13.5 | 12.7 | 291 | 21 | 13.6 | 12.3 | 284 | 25 | 09.4 | 07.0 | 271 |
| 3.6 ,, | 25 | 04.9 | 00.8 | 343 | 27 | 05.1 | 00.8 | 280 | 09 | 04.9 | 03.6 | 322 | 05 | 11.0 | 10.2 | 289 | 12 | 12.5 | 11.6 | 284 | 25 | 09.5 | 07.6 | 272 |
| 4.5 ,, | 25 | 05.9 | 02.2 | 298 | 27 | 06.3 | 03.4 | 286 | 01 | 02.0 | 02.0 | 270 | 02 | 07.5 | 07.4 | 302 | 05 | 11.8 | 11.7 | 281 | 25 | 12.3 | 10.8 | 270 |
| 5.4 ,, | 25 | 07.7 | 04.5 | 296 | 26 | 07.3 | 05.1 | 286 | 01 | 03.0 | 03.0 | 225 | 01 | 05.0 | 05.0 | 310 | 01 | 12.0 | 12.0 | 255 | 23 | 15.6 | 14.7 | 271 |
| 6.0 ,, | 25 | 08.5 | 05.8 | 290 | 26 | 08.7 | 06.2 | 286 | | | | | 01 | 12.0 | 12.0 | 285 | 01 | 15.0 | 15.0 | 265 | 23 | 17.5 | 16.5 | 269 |
| 7.2 ,, | 22 | 11.1 | 08.8 | 280 | 24 | 11.0 | 09.2 | 288 | | | | | | | | | | | | | 20 | 22.0 | 21.0 | 275 |
| 9.0 ,, | 17 | 14.2 | 12.2 | 285 | 11 | 11.5 | 10.3 | 275 | | | | | | | | | | | | | 15 | 28.0 | 27.0 | 268 |

| STATION | BHOPAL/BAIRAGARH | | | | | | | | BHUBANESHWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 02.0 | 01.2 | 294 | 28 | 02.1 | 00.9 | 007 | 28 | 01.6 | 00.7 | 240 | 28 | 03.4 | 02.1 | 179 | 28 | 03.3 | 02.9 | 208 | 28 | 00.6 | 00.4 | 295 |
| .15 A.G.L. | 28 | 03.3 | 01.6 | 300 | 28 | 07.1 | 03.5 | 004 | 22 | 04.2 | 02.9 | 233 | 28 | 04.5 | 02.8 | 183 | 27 | 08.2 | 07.9 | 206 | 28 | 05.9 | 04.1 | 338 |
| .3A.M.S.L. | | | | | | | | | 22 | 04.5 | 03.3 | 241 | 28 | 04.4 | 02.5 | 195 | 27 | 08.0 | 07.5 | 210 | 28 | 06.9 | 04.3 | 347 |
| .6 ,, | 28 | 03.3 | 01.4 | 299 | 28 | 06.7 | 03.1 | 012 | 22 | 04.5 | 02.1 | 234 | 27 | 03.8 | 01.6 | 224 | 27 | 06.6 | 05.5 | 213 | 28 | 06.6 | 04.0 | 349 |
| .9 ,, | 28 | 03.5 | 01.6 | 296 | 28 | 06.7 | 03.2 | 008 | 21 | 04.3 | 01.5 | 285 | 27 | 03.3 | 01.6 | 289 | 27 | 04.9 | 02.2 | 227 | 28 | 05.2 | 02.6 | 341 |
| 1.5 ,, | 28 | 03.4 | 02.0 | 279 | 28 | 04.6 | 02.1 | 286 | 20 | 04.6 | 02.5 | 345 | 27 | 05.0 | 03.0 | 312 | 27 | 04.9 | 03.2 | 306 | 28 | 04.7 | 02.9 | 261 |
| 2.1 ,, | 28 | 04.7 | 03.3 | 274 | 28 | 05.5 | 03.3 | 252 | 19 | 05.9 | 04.1 | 339 | 27 | 07.2 | 05.2 | 321 | 27 | 06.3 | 04.3 | 330 | 26 | 05.3 | 03.3 | 241 |
| 3.0 ,, | 27 | 08.4 | 06.8 | 269 | 27 | 07.4 | 05.5 | 257 | 19 | 07.0 | 05.8 | 325 | 25 | 07.2 | 05.0 | 310 | 25 | 06.9 | 05.0 | 311 | 26 | 06.2 | 04.3 | 252 |
| 3.6 ,, | 26 | 10.2 | 08.5 | 269 | 22 | 09.0 | 06.6 | 265 | 18 | 07.6 | 06.8 | 307 | 25 | 07.7 | 05.5 | 295 | 08 | 06.3 | 04.9 | 304 | | | | |
| 4.5 ,, | 26 | 12.4 | 11.4 | 271 | 07 | 08.3 | 06.7 | 260 | 16 | 08.4 | 07.2 | 299 | 23 | 08.8 | 07.0 | 282 | | | | | | | | |
| 5.4 ,, | 26 | 15.6 | 14.4 | 267 | | | | | 12 | 09.7 | 08.0 | 285 | 21 | 10.3 | 08.3 | 277 | | | | | | | | |
| 6.0 ,, | 23 | 17.6 | 16.7 | 267 | | | | | 12 | 09.6 | 08.4 | 286 | 19 | 11.3 | 10.1 | 280 | | | | | | | | |
| 7.2 ,, | 18 | 21.5 | 20.4 | 276 | | | | | 04 | 11.8 | 06.8 | 310 | 09 | 15.7 | [illegible] | 275 | | | | | | | | |
| 9.0 ,, | 09 | 23.5 | 21.1 | 273 | | | | | | | | | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1946. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | BHUJ/RUDRAMATA | | | | | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 03.2 | 01.7 | 304 | 28 | 01.9 | 01.3 | 281 | 28 | 00.4 | 00.1 | 250 | 28 | 01.4 | 00.8 | 293 | 28 | 00.8 | 00.3 | 356 | 28 | 00.9 | 00.7 | 045 |
| .15 A.G.L. | 28 | 04.5 | 02.3 | 312 | 28 | 05.9 | 03.7 | 319 | 27 | 05.1 | 00.5 | 098 | 26 | 04.1 | 02.0 | 295 | 27 | 05.4 | 02.1 | 006 | 28 | 04.8 | 03.6 | 020 |
| .3A.M.S.L. | 28 | 04.6 | 02.3 | 317 | 28 | 06.1 | 04.1 | 329 | 27 | 04.2 | 00.8 | 143 | 26 | 03.8 | 02.1 | 291 | 27 | 04.8 | 01.7 | 014 | 28 | 05.0 | 03.6 | 022 |
| .6 ,, | 28 | 04.2 | 02.0 | 317 | 28 | 06.1 | 04.0 | 342 | 27 | 04.7 | 00.2 | 245 | 26 | 04.0 | 02.2 | 294 | 27 | 04.9 | 01.9 | 334 | 28 | 05.4 | 03.5 | 030 |
| .9 ,, | 28 | 03.9 | 02.1 | 308 | 28 | 05.6 | 03.6 | 348 | 27 | 05.1 | 02.1 | 289 | 26 | 04.1 | 02.5 | 270 | 27 | 04.8 | 02.5 | 277 | 28 | 05.1 | 02.9 | 037 |
| 1.5 ,, | 27 | 04.2 | 02.4 | 285 | 28 | 05.5 | 01.1 | 273 | 27 | 06.0 | 04.4 | 280 | 26 | 04.7 | 03.1 | 267 | 27 | 06.3 | 05.1 | 256 | 28 | 05.1 | 00.5 | 133 |
| 2.1 ,, | 27 | 05.4 | 03.1 | 276 | 28 | 06.2 | 02.4 | 247 | 25 | 07.4 | 05.6 | 275 | 25 | 06.5 | 05.2 | 265 | 26 | 08.2 | 07.2 | 254 | 28 | 05.5 | 03.5 | 182 |
| 3.0 ,, | 28 | 08.3 | 06.2 | 267 | 27 | 06.1 | 03.8 | 257 | 24 | 09.6 | 07.9 | 263 | 25 | 09.6 | 08.1 | 269 | 23 | 09.2 | 08.5 | 272 | 28 | 06.0 | 02.4 | 219 |
| 3.6 ,, | 28 | 09.0 | 07.2 | 263 | | | | | 23 | 11.3 | 08.6 | 258 | 24 | 11.4 | 09.7 | 273 | 14 | 10.3 | 09.4 | 269 | 28 | 06.5 | 02.8 | 255 |
| 4.5 ,, | 28 | 12.1 | 10.8 | 268 | | | | | 20 | 12.3 | 11.4 | 264 | 22 | 16.0 | 13.0 | 269 | 02 | 09.0 | 08.0 | 271 | 28 | 08.1 | 06.6 | 272 |
| 5.4 ,, | 27 | 13.4 | 12.2 | 267 | | | | | 18 | 15.6 | 14.9 | 267 | 16 | 17.7 | 16.[illegible] | 279 | | | | | 28 | 09.9 | 08.4 | 279 |
| 6.0 ,, | 27 | 15.7 | 14.1 | 267 | | | | | 15 | 16.3 | 15.8 | 270 | 15 | 19.0 | 18.4 | 281 | | | | | 28 | 12.1 | 10.7 | 280 |
| 7.2 ,, | 06 | 20.3 | 19.9 | 260 | | | | | 10 | 21.0 | 20.3 | 280 | 12 | 20.5 | 19.1 | 283 | | | | | 28 | 15.4 | 13.2 | 279 |
| 9.0 ,, | 01 | 31.0 | 31.0 | 253 | | | | | 01 | 29.0 | 29.0 | 305 | 03 | 25.0 | 22.3 | 290 | | | | | 28 | 18.8 | 16.8 | 277 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 02.0 | 01.0 | 058 | 28 | 04.1 | 03.7 | 319 | 28 | 01.3 | 00.8 | 006 | 28 | 00.5 | 00.5 | 229 | 29 | 01.7 | 00.7 | 255 | 29 | 00.4 | 00.4 | 184 |
| .15 A.G.L. | 28 | 03.8 | 02.2 | 073 | 28 | 06.5 | 06.3 | 316 | 28 | 05.7 | 05.1 | 353 | 28 | 04.3 | 01.8 | 269 | 28 | 03.3 | 01.1 | 269 | 28 | 04.0 | 01.8 | 260 |
| .3A.M.S.L. | 28 | 04.0 | 02.2 | 089 | 28 | 05.9 | 05.0 | 315 | 28 | 06.2 | 05.9 | 342 | 28 | 04.5 | 01.9 | 281 | 28 | 03.3 | 01.4 | 268 | 28 | 04.0 | 02.0 | 265 |
| .6 ,, | 28 | 04.2 | 02.4 | 093 | 28 | 05.4 | 04.2 | 319 | 28 | 06.7 | 06.1 | 342 | 28 | 05.1 | 02.3 | 303 | 28 | 03.2 | 01.8 | 268 | 28 | 04.0 | 02.3 | 276 |
| .9 ,, | 28 | 04.5 | 01.7 | 091 | 28 | 04.5 | 02.4 | 322 | 28 | 05.6 | 04.4 | 350 | 28 | 04.0 | 02.7 | 285 | 28 | 03.7 | 03.0 | 276 | 28 | 03.9 | 02.9 | 283 |
| 1.5 ,, | 27 | 04.1 | 01.3 | 168 | 28 | 04.9 | 00.9 | 143 | 28 | 04.4 | 01.0 | 016 | 28 | 05.2 | 03.9 | 300 | 28 | 06.0 | 04.9 | 285 | 28 | 04.7 | 04.2 | 294 |
| 2.1 ,, | 27 | 05.0 | 02.8 | 192 | 28 | 06.6 | 02.9 | 170 | 28 | 06.1 | 02.1 | 180 | 28 | 08.0 | 06.8 | 303 | 28 | 08.1 | 06.7 | 292 | 28 | 07.2 | 06.5 | 297 |
| 3.0 ,, | 27 | 05.6 | 03.1 | 222 | 28 | 07.0 | 02.7 | 198 | 28 | 07.3 | 03.9 | 176 | 28 | 09.8 | 08.8 | 302 | 27 | 10.4 | 09.1 | 303 | 28 | 10.9 | 09.8 | 299 |
| 3.6 ,, | 27 | 06.6 | 03.7 | 262 | 28 | 06.7 | 01.9 | 240 | 24 | 06.3 | 03.4 | 233 | 28 | 10.5 | 09.5 | 294 | 24 | 11.5 | 10.4 | 294 | 28 | 11.3 | 10.7 | 295 |
| 4.5 ,, | 27 | 07.9 | 06.1 | 274 | 28 | 07.3 | 04.7 | 260 | 16 | 07.1 | 05.7 | 272 | 28 | 12.0 | 10.9 | 287 | 23 | 14.0 | 13.1 | 288 | 28 | 13.6 | 13.2 | 291 |
| 5.4 ,, | 27 | 10.5 | 08.4 | 277 | 28 | 09.0 | 04.4 | 294 | 07 | 11.1 | 09.7 | 281 | 28 | 14.6 | 13.9 | 283 | 19 | 16.5 | 15.8 | 283 | 28 | 17.1 | 16.1 | 286 |
| 6.0 ,, | 26 | 12.7 | 10.4 | 277 | 28 | 10.6 | 08.6 | 281 | 05 | 10.0 | 08.8 | 285 | 28 | 16.3 | 15.5 | 278 | 16 | 18.5 | 18.0 | 279 | 28 | 18.0 | 17.1 | 283 |
| 7.2 ,, | 23 | 16.2 | 13.8 | 273 | 28 | 15.3 | 09.6 | 290 | | | | | 28 | 19.2 | 18.6 | 280 | 12 | 22.1 | 21.2 | 275 | 28 | 20.8 | 20.0 | 279 |
| 9.0 ,, | 21 | 19.8 | 17.4 | 271 | 28 | 19.3 | 15.6 | 282 | | | | | 28 | 22.5 | 21.8 | 275 | 06 | 26.3 | 25.7 | 267 | 28 | 26.5 | 25.4 | 272 |

| STATION | CALCUTTA/DUM DUM | | | | COCHIN/WILLINGDON | | | | | | | | | | | | DEHRADUN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.8 | 00.4 | 198 | 28 | 00.8 | 00.8 | 066 | 28 | 04.8 | 04.4 | 273 | 28 | 00.2 | 00.1 | 012 | 28 | 00.5 | 00.4 | 057 | 28 | 00.7 | 00.2 | 253 |
| .15 A.G.L. | 28 | 05.0 | 02.7 | 228 | 28 | 03.3 | 02.6 | 043 | 28 | 06.4 | 05.9 | 270 | 28 | 02.3 | 01.2 | 336 | 27 | 01.7 | 01.0 | 071 | 27 | 02.2 | 01.2 | 270 |
| .3A.M.S.L. | 28 | 04.8 | 02.4 | 235 | 28 | 03.2 | 02.2 | 024 | 28 | 05.9 | 05.3 | 275 | 28 | 02.3 | 01.5 | 323 | | | | | | | | |
| .6 ,, | 28 | 04.3 | 01.8 | 273 | 28 | 03.0 | 01.7 | 023 | 28 | 04.3 | 03.4 | 294 | 28 | 02.6 | 01.1 | 328 | | | | | | | | |
| .9 ,, | 28 | 04.2 | 02.3 | 293 | 28 | 02.8 | 01.4 | 060 | 28 | 03.5 | 02.3 | 360 | 28 | 03.0 | 00.9 | 062 | 27 | 01.8 | 01.0 | 079 | 27 | 02.3 | 01.2 | 271 |
| 1.5 ,, | 28 | 06.0 | 04.9 | 295 | 28 | 03.6 | 02.9 | 059 | 28 | 06.0 | 05.6 | 060 | 28 | 04.2 | 03.1 | 095 | 27 | 02.9 | 01.0 | 306 | 27 | 02.7 | 00.9 | 231 |
| 2.1 ,, | 27 | 08.4 | 07.3 | 298 | 28 | 04.8 | 04.3 | 064 | 28 | 07.2 | 06.5 | 073 | 27 | 03.9 | 03.5 | 082 | 27 | 04.6 | 01.8 | 276 | 27 | 04.0 | 01.6 | 272 |
| 3.0 ,, | 14 | 09.8 | 07.9 | 295 | 25 | 05.8 | 03.4 | 067 | 28 | 06.3 | 04.1 | 081 | 23 | 05.2 | 03.6 | 066 | 24 | 07.0 | 04.7 | 283 | 26 | 05.5 | 03.0 | 288 |
| 3.6 ,, | 02 | 07.5 | 05.8 | 290 | 24 | 05.8 | 02.8 | 072 | 28 | 05.7 | 02.3 | 089 | 17 | 05.8 | 02.9 | 068 | 23 | 07.4 | 03.3 | 280 | 23 | 07.9 | 05.0 | 299 |
| 4.5 ,, | | | | | 12 | 06.1 | 02.6 | 095 | 23 | 05.1 | 01.9 | 028 | 15 | 01.0 | 00.9 | 048 | 23 | 10.0 | 08.5 | 275 | 22 | 08.9 | 08.0 | 285 |
| 5.4 ,, | | | | | | | | | 19 | 06.1 | 01.5 | 033 | 01 | 06.0 | 06.0 | 017 | 18 | 13.3 | 12.4 | 278 | 18 | 13.2 | 12.2 | 281 |
| 6.0 ,, | | | | | | | | | 14 | 06.1 | 01.3 | 059 | 01 | 05.0 | 05.0 | 350 | 17 | 17.4 | 16.8 | 277 | 15 | 16.5 | 16.1 | 287 |
| 7.2 ,, | | | | | | | | | 04 | 09.7 | 03.2 | 324 | | | | | 12 | 23.0 | 22.0 | 275 | 12 | 20.7 | 20.2 | 281 |
| 9.0 ,, | | | | | | | | | 01 | 07.0 | 07.0 | 295 | | | | | 01 | 29.0 | 29.0 | 260 | 02 | 31.5 | 31.4 | 277 |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | | | | | GADAG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.2 | 01.2 | 048 | 28 | 01.5 | 01.4 | 044 | 28 | 01.3 | 01.1 | 044 | 28 | 01.5 | 01.4 | 041 | 28 | 03.9 | 02.6 | 141 | 28 | 02.5 | 01.5 | 093 |
| .15 A.G.L. | 26 | 04.9 | 04.7 | 061 | 28 | 03.7 | 03.2 | 052 | 27 | 04.0 | 03.3 | 037 | 25 | 04.4 | 04.0 | 040 | 28 | 07.1 | 04.2 | 125 | 28 | 03.6 | 02.3 | 095 |
| .3A.M.S.L. | 26 | 04.9 | 04.5 | 059 | 28 | 03.8 | 03.4 | 051 | 27 | 04.0 | 03.4 | 043 | 25 | 04.2 | 03.6 | 042 | | | | | | | | |
| .6 ,, | 26 | 04.0 | 03.5 | 052 | 28 | 04.1 | 03.6 | 052 | 27 | 03.6 | 03.1 | 050 | 25 | 03.5 | 03.0 | 055 | | | | | | | | |
| .9 ,, | 26 | 03.7 | 01.3 | 056 | 28 | 03.7 | 03.1 | 067 | 27 | 03.0 | 02.3 | 065 | 25 | 03.6 | 02.5 | 074 | 28 | 08.4 | 04.8 | 120 | 28 | 03.7 | 02.5 | 096 |
| 1.5 ,, | 24 | 04.0 | 01.3 | 201 | 28 | 03.7 | 01.2 | 191 | 27 | 03.5 | 00.8 | 211 | 25 | 03.1 | 01.1 | 125 | 28 | 06.4 | 04.4 | 092 | 28 | 03.9 | 02.7 | 087 |
| 2.1 ,, | 23 | 05.3 | 03.2 | 214 | 27 | 05.0 | 03.6 | 226 | 27 | 05.1 | 04.6 | 229 | 24 | 04.4 | 02.7 | 231 | 28 | 04.7 | 03.2 | 072 | 28 | 03.7 | 02.5 | 088 |
| 3.0 ,, | 17 | 05.5 | 01.2 | 285 | 24 | 06.1 | 04.6 | 216 | 26 | 08.0 | 07.4 | 226 | 20 | 06.3 | 04.9 | 234 | 28 | 04.7 | 02.3 | 076 | 28 | 03.7 | 01.9 | 088 |
| 3.6 ,, | 12 | 06.3 | 02.9 | 259 | 18 | 05.5 | 03.6 | 227 | 24 | 09.2 | 07.9 | 231 | 14 | 06.9 | 05.4 | 236 | 28 | 04.6 | 01.3 | 087 | 28 | 04.2 | 01.6 | 074 |
| 4.5 ,, | 11 | 08.2 | 04.7 | 276 | 15 | 06.1 | 04.2 | 250 | 15 | 09.2 | 06.5 | 250 | | | | | 28 | 05.9 | 01.7 | 324 | 26 | 04.8 | 01.4 | 001 |
| 5.4 ,, | 09 | 11.4 | 09.1 | 278 | 11 | 10.6 | 06.2 | 272 | 11 | 11.7 | 09.1 | 262 | | | | | 28 | 06.5 | 03.6 | 303 | 25 | 05.5 | 02.1 | 325 |
| 6.0 ,, | 07 | 13.7 | 10.4 | 278 | 11 | 14.5 | 09.9 | 287 | 09 | 13.8 | 09.5 | 269 | | | | | 27 | 06.8 | 04.7 | 303 | 24 | 06.7 | 03.8 | 317 |
| 7.2 ,, | 07 | 17.4 | 16.1 | 282 | 11 | 17.6 | 14.5 | 290 | 07 | 21.1 | 19.0 | 281 | | | | | 27 | 10.3 | 07.7 | 289 | 24 | 09.2 | 06.3 | 303 |
| 9.0 ,, | 06 | 23.0 | 22.3 | 273 | 11 | 28.4 | 25.6 | 286 | | | | | | | | | 25 | 11.9 | 10.3 | 275 | 23 | 12.0 | 10.1 | 275 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | GADAG | GANGTOK | | | GAUHATI | | |
|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0830 | 1730 | | 0530* | 1130 | 1730* |
| HT IN KM. | N S V D | N S V D | N S V D | | N S V D | N S V D | N S V D |
| SURFACE | 28 04.1 01.7 093 | 28 00.4 00.2 053 | 28 01.3 00.9 166 | | 28 00.2 00.1 090 | 28 01.5 00.9 020 | 28 00.4 00.2 266 |
| .15 A.G.L. | 28 08.4 03.8 076 | 22 01.6 01.0 140 | 16 03.5 03.1 184 | | 28 02.6 00.9 053 | 28 02.5 01.0 024 | 28 03.2 01.6 335 |
| .3A.M.S.L. | | | | | 28 02.9 01.0 066 | 28 02.4 01.0 039 | 28 03.1 01.3 326 |
| .6 ,, | | | | | 28 03.3 00.3 177 | 27 03.0 00.6 043 | 28 02.9 01.5 284 |
| .9 ,, | 28 08.0 03.8 080 | | | | 28 04.1 00.8 215 | 26 03.5 00.9 250 | 28 03.3 02.3 270 |
| 1.5 ,, | 28 06.0 04.0 085 | | | | 28 05.1 02.5 250 | 26 05.3 02.9 260 | 28 05.2 04.5 240 |
| 2.1 ,, | 28 03.9 03.2 091 | 22 01.4 00.9 157 | 16 02.5 02.3 172 | | 28 06.7 04.8 260 | 26 06.7 04.5 252 | 28 07.7 07.1 233 |
| 3.0 ,, | 28 04.0 02.0 085 | 21 02.2 01.3 147 | 16 02.8 01.3 135 | | 28 11.0 09.1 265 | 25 10.3 08.9 264 | 28 09.8 08.3 253 |
| 3.6 ,, | 28 04.8 02.0 071 | 20 03.4 01.5 238 | 12 03.1 01.9 254 | | 28 13.2 12.1 272 | 25 14.2 13.4 273 | 28 12.6 11.0 265 |
| 4.5 ,, | 27 05.4 01.2 349 | 17 10.9 09.9 258 | 10 05.0 03.6 263 | | 28 17.8 17.1 277 | 23 17.7 17.1 276 | 28 16.7 16.2 267 |
| 5.4 ,, | 26 05.8 02.5 296 | 13 13.7 12.3 263 | 07 07.0 06.0 257 | | 28 21.0 20.2 274 | 21 19.9 18.9 275 | 28 19.7 19.0 270 |
| 6.0 ,, | 12 07.4 03.9 288 | 10 15.5 12.2 262 | 07 08.7 08.0 260 | | 28 23.1 22.1 272 | 21 22.7 21.4 276 | 28 21.2 20.6 270 |
| 7.2 ,, | 03 13.3 06.1 281 | 06 15.0 12.1 278 | 05 15.4 15.0 262 | | 28 28.3 26.5 277 | 16 28.7 27.4 279 | 28 25.7 24.8 274 |
| 9.0 ,, | | 04 16.0 09.3 283 | 02 21.5 18.7 286 | | 23 35.4 34.1 274 | 02 26.0 25.1 293 | 25 36.5 34.0 271 |

| STATION | GAUHATI | GAYA | | | GOA/DABOLIM | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 28 01.4 00.6 131 | 28 01.8 00.9 207 | 28 02.5 01.8 322 | 28 01.0 00.7 207 | 06 04.0 03.7 069 | 06 05.4 04.5 289 |
| .15 A.G.L. | 28 03.4 01.5 140 | 28 05.1 02.7 245 | 28 04.8 03.7 317 | 27 05.3 02.5 328 | | |
| .3A.M.S.L. | 28 03.7 01.4 146 | 28 05.0 02.3 266 | 28 04.9 03.8 315 | 27 05.5 02.9 330 | 06 06.3 05.8 085 | 06 03.8 03.3 271 |
| .6 ,, | 28 04.3 01.0 182 | 28 05.4 03.0 300 | 28 05.5 03.7 306 | 27 06.4 04.3 316 | 06 07.1 06.8 099 | 06 02.2 00.9 283 |
| .9 ,, | 28 03.8 02.4 248 | 28 06.0 04.2 297 | 28 05.9 04.3 294 | 27 07.2 05.6 298 | 06 08.7 08.5 098 | 06 02.7 01.6 075 |
| 1.5 ,, | 28 05.8 04.1 248 | 27 08.8 07.3 289 | 28 08.0 07.0 285 | 27 09.0 07.4 284 | 06 06.2 05.8 093 | 06 04.3 04.1 077 |
| 2.1 ,, | 24 06.1 04.5 246 | 27 11.3 06.8 304 | 28 10.6 09.8 290 | 27 11.4 09.9 284 | 06 04.8 04.3 074 | 06 05.5 05.2 088 |
| 3.0 ,, | 22 08.4 06.8 262 | 27 13.4 12.1 282 | 28 12.5 11.5 286 | 19 11.9 10.6 282 | 03 05.3 03.1 004 | 05 05.1 03.8 095 |
| 3.6 ,, | 07 13.3 13.1 276 | 25 13.6 12.2 294 | 27 14.4 13.2 287 | 08 11.7 09.9 273 | 02 04.5 01.0 150 | 02 02.3 01.1 180 |
| 4.5 ,, | 01 30.0 30.0 275 | 21 15.1 14.3 290 | 26 16.5 15.8 287 | 01 08.0 08.0 220 | 01 06.0 06.0 180 | 02 05.5 01.5 146 |
| 5.4 ,, | | 15 16.9 15.4 288 | 22 17.8 17.2 282 | | 01 05.0 05.0 150 | 01 05.5 05.5 210 |
| 6.0 ,, | | 12 16.7 15.9 287 | 21 19.9 19.3 280 | | | 01 05.5 05.5 220 |
| 7.2 ,, | | 07 21.0 19.4 273 | 10 20.5 19.7 281 | | | 01 09.5 09.5 230 |
| 9.0 ,, | | 01 31.0 31.0 265 | 02 28.5 28.5 253 | | | 01 24.5 24.5 260 |

| STATION | GOA/DABOLIM | GOPALPUR | | | GORAKHPUR | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 06 03.5 03.2 032 | 28 11.8 00.8 290 | 28 03.6 03.3 179 | 28 03.3 02.9 213 | 28 00.7 00.5 272 | 28 01.0 00.7 264 |
| .15 A.G.L. | | 27 04.1 03.1 226 | 28 06.2 05.2 176 | 28 05.9 05.8 204 | 26 04.9 02.2 285 | 28 03.7 02.1 272 |
| .3A.M.S.L. | 06 05.2 05.0 350 | 27 04.6 04.0 216 | 28 05.7 05.3 176 | 28 05.9 05.7 205 | 26 05.3 02.5 283 | 28 03.9 02.2 277 |
| .6 ,, | 06 07.0 06.8 347 | 27 04.1 03.2 215 | 28 04.3 02.9 174 | 28 04.4 04.1 201 | 26 05.9 03.6 285 | 28 04.4 02.8 274 |
| .9 ,, | 06 05.4 04.5 010 | 27 03.7 00.9 220 | 28 03.4 00.5 180 | 28 03.8 01.8 182 | 26 06.1 04.5 289 | 28 04.9 03.4 277 |
| 1.5 ,, | 06 04.5 04.4 082 | 27 05.1 02.0 360 | 28 04.5 02.6 343 | 28 03.9 02.2 353 | 25 07.4 06.1 297 | 28 06.9 05.6 281 |
| 2.1 ,, | 06 07.3 07.3 083 | 26 06.2 03.6 350 | 28 06.8 05.0 327 | 22 05.1 03.9 343 | 24 10.9 10.2 292 | 28 10.3 09.3 293 |
| 3.0 ,, | 04 08.5 07.7 094 | 23 06.5 03.7 341 | 27 06.8 05.1 318 | 15 04.7 02.5 345 | 23 13.0 12.4 287 | 28 13.7 12.9 294 |
| 3.6 ,, | 01 04.0 04.0 200 | 21 05.4 03.1 320 | 26 06.0 03.8 286 | 01 07.0 07.0 325 | 21 14.3 13.9 286 | 25 13.9 13.3 294 |
| 4.5 ,, | | 17 06.5 03.8 290 | 23 07.4 04.5 287 | | 16 15.7 14.8 280 | 22 15.3 14.8 289 |
| 5.4 ,, | | 13 07.8 05.1 285 | 23 08.3 05.3 283 | | 07 17.3 16.4 264 | 18 18.1 17.5 282 |
| 6.0 ,, | | 11 09.5 07.4 282 | 23 10.1 08.3 276 | | 05 19.0 18.4 258 | 14 20.0 19.5 281 |
| 7.2 ,, | | 02 15.0 13.6 263 | 04 14.2 12.7 268 | | 01 11.0 11.0 255 | 05 29.2 28.6 280 |
| 9.0 ,, | | | | | | 01 20.0 20.0 270 |

| STATION | GWALIOR | | | | IMPHAL/TULIHAL | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | 1130 | 1730 | 2330 | 0530 | 1130 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 28 00.6 00.3 300 | 28 02.4 01.1 292 | 28 01.8 01.2 330 | 28 00.7 00.3 346 | 28 00.1 00.1 044 | 28 01.2 00.8 249 |
| .15 A.G.L. | 27 04.8 02.0 340 | 28 03.5 01.0 300 | 28 04.3 02.7 339 | 28 05.2 03.4 036 | 27 01.5 01.1 092 | 28 02.5 01.6 243 |
| .3A.M.S.L. | 27 04.0 01.3 304 | 28 03.5 01.2 290 | 28 03.6 02.3 339 | 28 04.0 02.2 038 | | |
| .6 ,, | 26 06.6 09.0 334 | 28 04.7 01.8 308 | 28 05.0 03.1 334 | 28 05.7 02.7 018 | | |
| .9 ,, | 26 06.7 04.0 320 | 28 05.9 02.7 306 | 28 05.2 03.0 323 | 28 06.0 02.3 316 | 27 01.4 01.2 071 | 28 02.4 01.5 244 |
| 1.5 ,, | 26 07.4 05.6 306 | 27 06.9 04.0 292 | 28 05.8 03.9 296 | 28 06.6 05.2 282 | 27 03.3 01.6 093 | 28 04.1 02.8 254 |
| 2.1 ,, | 25 08.6 07.0 296 | 27 07.8 05.8 280 | 28 07.5 06.0 283 | 28 08.0 06.1 283 | 27 07.3 05.4 270 | 28 06.3 05.1 271 |
| 3.0 ,, | 24 10.2 08.8 290 | 27 10.1 08.5 275 | 27 10.1 08.6 280 | 25 08.1 07.7 268 | 24 10.8 10.1 278 | 27 10.3 09.0 277 |
| 3.6 ,, | 24 10.7 09.6 278 | 26 11.2 09.9 274 | 27 11.4 09.7 278 | 13 09.7 08.9 262 | 22 14.9 14.0 279 | 25 14.0 12.7 278 |
| 4.5 ,, | 22 13.5 12.8 274 | 25 13.6 12.4 270 | 24 13.2 12.5 279 | 03 08.7 08.4 268 | 18 16.7 13.0 276 | 20 16.2 15.1 276 |
| 5.4 ,, | 19 16.1 15.3 275 | 24 18.6 17.7 269 | 23 15.3 14.7 277 | | 16 19.7 19.0 277 | 16 19.6 17.3 276 |
| 6.0 ,, | 19 18.9 18.2 273 | 20 18.1 17.3 273 | 20 18.6 17.7 276 | | 12 22.1 21.3 271 | 16 22.2 21.0 273 |
| 7.2 ,, | 13 22.8 21.1 272 | 17 23.2 21.8 271 | 14 25.6 24.5 273 | | 07 27.0 26.8 268 | 14 28.4 27.9 271 |
| 9.0 ,, | 06 23.3 20.0 274 | 08 28.5 27.7 262 | 01 42.0 42.0 275 | | 01 19.0 19.0 265 | 13 40.5 39.4 270 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | IMPHAL/TULIHAL | | | | | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 02.5 | 02.1 | 266 | 28 | 00.4 | 00.2 | 253 | 28 | 00.4 | 00.3 | 154 | 28 | 01.2 | 00.8 | 339 | 28 | 00.8 | 00.4 | 037 | 28 | 00.1 | 00.1 | 209 |
| .15 A.G.L. | 28 | 05.0 | 04.0 | 269 | 28 | 02.2 | 00.5 | 200 | 27 | 04.0 | 01.8 | 103 | 28 | 03.8 | 02.5 | 336 | 28 | 05.9 | 04.0 | 035 | 28 | 03.0 | 01.1 | 212 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | | | | | 27 | 04.6 | 02.0 | 082 | 28 | 03.8 | 02.5 | 335 | 28 | 06.2 | 04.3 | 030 | 28 | 01.7 | 00.6 | 216 |
| .9 ,, | 28 | 04.7 | 03.8 | 268 | 28 | 02.1 | 00.2 | 167 | 27 | 05.0 | 02.2 | 019 | 28 | 04.2 | 02.5 | 325 | 28 | 06.0 | 04.3 | 011 | 28 | 03.6 | 00.6 | 207 |
| 1.5 ,, | 28 | 05.1 | 04.1 | 268 | 28 | 04.3 | 02.9 | 263 | 27 | 05.7 | 03.7 | 322 | 28 | 04.5 | 03.0 | 298 | 28 | 06.0 | 03.8 | 315 | 28 | 03.8 | 01.3 | 030 |
| 2.1 ,, | 28 | 06.5 | 06.0 | 268 | 28 | 07.0 | 05.9 | 256 | 27 | 07.4 | 05.1 | 287 | 28 | 06.3 | 04.5 | 282 | 28 | 07.3 | 05.5 | 271 | 28 | 05.0 | 02.3 | 006 |
| 3.0 ,, | 28 | 13.5 | 08.8 | 265 | 27 | 10.7 | 10.1 | 270 | 27 | 10.2 | 07.8 | 275 | 28 | 09.7 | 07.4 | 272 | 26 | 10.3 | 07.4 | 267 | 28 | 05.0 | 02.3 | 325 |
| 3.6 ,, | 28 | 14.0 | 13.3 | 273 | 24 | 14.9 | 14.2 | 275 | 27 | 10.5 | 08.4 | 274 | 27 | 10.3 | 09.0 | 269 | 20 | 08.7 | 07.2 | 265 | 28 | 05.7 | 02.7 | 298 |
| 4.5 ,, | 23 | 18.5 | 16.3 | 277 | 07 | 13.9 | 12.0 | 287 | 25 | 11.1 | 10.1 | 283 | 27 | 12.6 | 11.7 | 277 | 09 | 07.7 | 06.0 | 267 | 28 | 08.3 | 04.8 | 293 |
| 5.4 ,, | 19 | 22.0 | 20.5 | 275 | | | | | 24 | 15.3 | 14.0 | 281 | 27 | 16.3 | 15.3 | 275 | 01 | 01.0 | 01.0 | 268 | 27 | 09.1 | 07.0 | 283 |
| 6.0 ,, | 18 | 25.0 | 23.8 | 279 | | | | | 23 | 17.5 | 15.8 | 277 | 26 | 17.7 | 16.5 | 277 | | | | | 27 | 09.7 | 07.7 | 281 |
| 7.2 ,, | 15 | 25.5 | 23.6 | 278 | | | | | 17 | 21.8 | 19.5 | 277 | 21 | 21.8 | 20.6 | 277 | | | | | 26 | 12.9 | 10.8 | 277 |
| 9.0 ,, | 04 | 33.0 | 31.2 | 255 | | | | | 02 | 13.0 | 08.3 | 314 | 06 | 26.5 | 23.2 | 285 | | | | | 23 | 18.4 | 15.8 | 264 |

| STATION | JAGDALPUR | | | | | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.1 | 00.4 | 233 | 28 | 00.4 | 00.2 | 232 | 28 | 00.9 | 00.5 | 030 | 28 | 02.1 | 01.3 | 317 | 28 | 01.0 | 00.8 | 005 | 28 | 00.5 | 00.4 | 317 |
| .15 A.G.L. | 28 | 03.0 | 00.4 | 260 | 28 | 05.2 | 01.3 | 289 | 27 | 05.0 | 02.0 | 031 | 28 | 04.5 | 02.0 | 310 | 27 | 06.4 | 03.5 | 352 | 28 | 02.4 | 01.7 | 306 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | 28 | 02.5 | 01.2 | 311 |
| .6 ,, | 28 | 02.0 | 00.1 | 244 | 28 | 03.6 | 00.8 | 286 | 27 | 05.4 | 01.8 | 019 | 28 | 04.7 | 02.1 | 311 | 27 | 06.8 | 03.6 | 347 | 28 | 03.8 | 00.9 | 300 |
| .9 ,, | 28 | 03.2 | 00.7 | 282 | 28 | 05.5 | 01.3 | 298 | 27 | 05.9 | 02.2 | 324 | 28 | 04.7 | 02.2 | 305 | 27 | 06.2 | 02.9 | 326 | 28 | 04.4 | 01.7 | 287 |
| 1.5 ,, | 28 | 03.2 | 01.4 | 332 | 28 | 03.7 | 01.5 | 339 | 27 | 06.1 | 04.4 | 300 | 28 | 05.4 | 02.8 | 291 | 27 | 05.7 | 03.4 | 276 | 28 | 06.0 | 04.6 | 285 |
| 2.1 ,, | 28 | 03.6 | 02.1 | 245 | 28 | 03.3 | 01.7 | 358 | 26 | 07.6 | 06.0 | 285 | 27 | 07.0 | 05.0 | 278 | 26 | 06.8 | 05.5 | 272 | 28 | 08.6 | 07.1 | 293 |
| 3.0 ,, | 28 | 03.5 | 02.0 | 325 | 27 | 03.6 | 01.7 | 352 | 24 | 09.1 | 07.9 | 273 | 26 | 10.0 | 08.8 | 277 | 24 | 08.3 | 06.9 | 275 | 27 | 11.0 | 09.9 | 298 |
| 3.6 ,, | 25 | 04.6 | 01.4 | 318 | 19 | 05.4 | 03.1 | 294 | 23 | 11.0 | 10.3 | 274 | 23 | 11.7 | 10.6 | 285 | 07 | 09.6 | 08.3 | 266 | 27 | 11.7 | 10.4 | 295 |
| 4.5 ,, | 24 | 07.6 | 04.7 | 281 | 13 | 08.9 | 05.4 | 277 | 19 | 12.4 | 12.0 | 277 | 21 | 13.5 | 12.8 | 278 | | | | | 26 | 13.5 | 12.5 | 283 |
| 5.4 ,, | 24 | 08.5 | 06.1 | 272 | 08 | 10.8 | 07.5 | 271 | 17 | 14.3 | 13.5 | 269 | 18 | 16.6 | 15.9 | 280 | | | | | 19 | 15.5 | 14.4 | 282 |
| 6.0 ,, | 23 | 09.5 | 07.5 | 273 | 05 | 08.4 | 06.0 | 276 | 11 | 16.6 | 15.7 | 276 | 16 | 19.4 | 18.7 | 276 | | | | | 12 | 17.3 | 17.2 | 289 |
| 7.2 ,, | 22 | 12.6 | 11.0 | 281 | 01 | 20.0 | 20.0 | 280 | 03 | 20.3 | 20.3 | 258 | 09 | 25.8 | 25.0 | 273 | | | | | 02 | 11.5 | 10.1 | 296 |
| 9.0 ,, | 17 | 16.7 | 16.4 | 266 | | | | | | | | | | | | | | | | | | | | |

| STATION | JAMSHEDPUR | | | | JHARSUGUDA | | | | | | | | | | | | LUCKNOW/AMAUSI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.9 | 00.7 | 325 | 28 | 01.8 | 01.5 | 038 | 28 | 01.4 | 01.1 | 245 | 28 | 01.8 | 00.4 | 102 | 28 | 01.4 | 00.7 | 290 | 28 | 03.4 | 02.0 | 308 |
| .15 A.G.L. | 28 | 02.4 | 01.6 | 321 | 28 | 03.9 | 02.8 | 052 | 28 | 02.9 | 01.8 | 231 | 28 | 04.8 | 00.9 | 053 | 25 | 07.2 | 04.1 | 313 | 28 | 04.6 | 03.7 | 288 |
| .3A.M.S.L. | 28 | 02.4 | 01.6 | 317 | 28 | 03.3 | 02.5 | 049 | 28 | 02.6 | 01.6 | 228 | 28 | 03.9 | 01.0 | 067 | 25 | 07.4 | 04.4 | 316 | 28 | 04.7 | 03.4 | 288 |
| .6 ,, | 28 | 02.9 | 02.1 | 303 | 28 | 04.4 | 02.0 | 058 | 28 | 02.9 | 01.8 | 247 | 28 | 04.6 | 00.8 | 333 | 25 | 07.9 | 05.4 | 309 | 28 | 05.1 | 04.0 | 294 |
| .9 ,, | 28 | 03.4 | 02.5 | 296 | 28 | 04.1 | 01.2 | 334 | 28 | 03.2 | 01.9 | 269 | 28 | 03.8 | 01.3 | 320 | 25 | 08.8 | 06.7 | 310 | 28 | 05.7 | 04.9 | 297 |
| 1.5 ,, | 27 | 05.0 | 04.2 | 286 | 28 | 05.0 | 03.3 | 300 | 28 | 04.6 | 02.9 | 299 | 28 | 04.3 | 02.9 | 308 | 25 | 10.6 | 09.7 | 305 | 28 | 08.0 | 07.0 | 304 |
| 2.1 ,, | 27 | 07.5 | 06.5 | 291 | 28 | 06.3 | 05.1 | 303 | 28 | 06.4 | 04.7 | 311 | 28 | 06.0 | 04.0 | 313 | 25 | 11.6 | 10.7 | 300 | 27 | 09.2 | 08.3 | 294 |
| 3.0 ,, | 27 | 10.0 | 09.3 | 285 | 27 | 09.1 | 07.5 | 297 | 28 | 07.6 | 07.0 | 299 | 28 | 08.1 | 06.1 | 303 | 22 | 12.4 | 11.3 | 294 | 27 | 12.2 | 11.0 | 286 |
| 3.6 ,, | 26 | 12.1 | 11.5 | 286 | 27 | 09.1 | 07.4 | 297 | 28 | 09.1 | 07.9 | 289 | 01 | 13.0 | 13.0 | 290 | 20 | 14.0 | 13.0 | 286 | 25 | 14.1 | 12.9 | 287 |
| 4.5 ,, | 24 | 14.6 | 13.5 | 283 | 26 | 10.9 | 09.6 | 286 | 27 | 11.5 | 10.3 | 280 | | | | | 16 | 14.6 | 14.3 | 280 | 23 | 14.5 | 13.6 | 281 |
| 5.4 ,, | 21 | 17.5 | 16.1 | 275 | 25 | 13.8 | 12.3 | 283 | 27 | 15.0 | 13.8 | 282 | | | | | 14 | 20.4 | 20.1 | 275 | 20 | 19.6 | 18.9 | 275 |
| 6.0 ,, | 17 | 18.3 | 16.8 | 274 | 24 | 14.7 | 12.5 | 283 | 25 | 16.0 | 14.7 | 282 | | | | | 11 | 22.9 | 22.7 | 279 | 18 | 21.9 | 21.4 | 277 |
| 7.2 ,, | 02 | 14.5 | 14.1 | 265 | 16 | 15.9 | 13.8 | 276 | 22 | 18.9 | 17.9 | 274 | | | | | 05 | 31.8 | 31.7 | 276 | 12 | 25.4 | 24.3 | 276 |
| 9.0 ,, | | | | | 04 | 13.5 | 10.6 | 296 | 08 | 20.4 | 18.0 | 283 | | | | | | | | | 05 | 30.6 | 28.3 | 268 |

| STATION | LUCKNOW/AMAUSI | | | | MADRAS/MINAMBAKKAM | | | | | | | | | | | | | | | | MANGALORE/BAJPE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.7 | 00.8 | 308 | 28 | 01.5 | 00.9 | 062 | 28 | 02.0 | 01.3 | 075 | 28 | 03.9 | 03.0 | 083 | 28 | 01.5 | 01.1 | 084 | 28 | 01.0 | 00.9 | 070 |
| .15 A.G.L. | 28 | 08.6 | 04.5 | 324 | 28 | 03.2 | 01.6 | 070 | 28 | 03.7 | 02.2 | 090 | 28 | 05.3 | 04.3 | 078 | 28 | 05.4 | 04.3 | 087 | 28 | 04.3 | 02.8 | 071 |
| .3A.M.S.L. | 28 | 08.5 | 05.2 | 323 | 28 | 03.5 | 01.7 | 077 | 28 | 03.7 | 02.1 | 090 | 28 | 05.0 | 03.8 | 081 | 28 | 05.7 | 04.7 | 092 | 28 | 04.1 | 02.4 | 064 |
| .6 ,, | 28 | 07.6 | 05.5 | 309 | 28 | 04.0 | 02.6 | 100 | 28 | 03.3 | 01.8 | 084 | 28 | 04.0 | 02.9 | 077 | 28 | 05.3 | 04.4 | 093 | 28 | 04.4 | 02.3 | 068 |
| .9 ,, | 27 | 07.2 | 05.9 | 304 | 28 | 04.6 | 00.3 | 274 | 27 | 04.3 | 02.6 | 075 | 28 | 04.2 | 01.0 | 068 | 28 | 05.3 | 04.4 | 085 | 28 | 05.4 | 03.1 | 083 |
| 1.5 ,, | 27 | 08.4 | 07.1 | 299 | 28 | 05.7 | 03.7 | 048 | 24 | 05.6 | 04.1 | 067 | 28 | 05.3 | 04.1 | 049 | 28 | 05.3 | 04.2 | 065 | 28 | 04.7 | 02.7 | 097 |
| 2.1 ,, | 26 | 10.3 | 09.1 | 289 | 28 | 05.4 | 03.1 | 042 | 21 | 06.0 | 04.1 | 058 | 28 | 04.4 | 03.8 | 036 | 28 | 05.2 | 03.6 | 038 | 27 | 04.5 | 02.6 | 098 |
| 3.0 ,, | 16 | 11.9 | 10.4 | 275 | 28 | 04.9 | 00.7 | 035 | 18 | 05.9 | 01.7 | 075 | 28 | 04.5 | 00.4 | 025 | 27 | 05.3 | 00.5 | 050 | 25 | 04.8 | 02.3 | 098 |
| 3.6 ,, | 02 | 09.0 | 08.6 | 276 | 28 | 01.3 | 00.8 | 117 | 14 | 04.8 | 02.9 | 077 | 28 | 04.4 | 00.5 | 060 | 21 | 04.6 | 01.2 | 093 | 22 | 05.0 | 02.4 | 085 |
| 4.5 ,, | | | | | 28 | 05.3 | 01.7 | 085 | 14 | 05.9 | 03.8 | 088 | 28 | 05.5 | 00.9 | 032 | 15 | 05.9 | 01.0 | 115 | 19 | 05.5 | 01.7 | 035 |
| 5.4 ,, | | | | | 28 | 06.4 | 00.3 | 089 | 12 | 07.1 | 04.3 | 041 | 28 | 06.8 | 01.8 | 345 | 09 | 05.4 | 02.8 | 059 | 17 | 07.3 | 03.2 | 012 |
| 6.0 ,, | | | | | 28 | 07.6 | 01.3 | 328 | 11 | 07.9 | 04.9 | 097 | 27 | 07.5 | 02.5 | 300 | 07 | 05.3 | 01.4 | 018 | 16 | 07.9 | 03.3 | 359 |
| 7.2 ,, | | | | | 28 | 07.9 | 03.1 | 268 | 09 | 07.0 | 03.4 | 349 | 27 | 07.3 | 04.1 | 275 | 04 | 06.5 | 03.7 | 283 | 07 | 09.9 | 04.6 | 297 |
| 9.0 ,, | | | | | 28 | 10.5 | 06.1 | 258 | 07 | 07.6 | 05.4 | 273 | 27 | 09.8 | 06.0 | 244 | | | | | | | | |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | MANGALORE/BAJPE | | | | | | | | MINICOY | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 04.0 | 03.8 | 279 | 28 | 01.2 | 00.9 | 351 | 28 | 01.3 | 01.1 | 016 | 28 | 01.9 | 01.7 | 013 | 28 | 03.2 | 03.0 | 014 | 28 | 01.6 | 01.2 | 356 |
| .15 A.G.L. | 28 | 05.7 | 05.4 | 283 | 28 | 04.7 | 04.6 | 336 | 28 | 03.2 | 02.9 | 018 | 28 | 04.1 | 03.8 | 019 | 28 | 03.8 | 03.8 | 017 | 28 | 03.5 | 02.9 | 009 |
| .3A.M.S.L. | 28 | 05.6 | 05.1 | 281 | 28 | 04.9 | 04.7 | 335 | 28 | 03.0 | 02.7 | 019 | 28 | 04.2 | 04.0 | 018 | 28 | 03.8 | 03.5 | 017 | 28 | 03.4 | 02.8 | 013 |
| .6 ,, | 28 | 03.3 | 02.2 | 297 | 28 | 04.1 | 03.8 | 337 | 28 | 03.3 | 02.8 | 045 | 28 | 04.1 | 03.6 | 034 | 28 | 03.7 | 02.9 | 033 | 28 | 03.3 | 02.5 | 037 |
| .9 ,, | 28 | 02.4 | 01.5 | 348 | 28 | 03.3 | 02.4 | 339 | 28 | 04.1 | 03.7 | 070 | 28 | 04.1 | 03.8 | 055 | 28 | 04.3 | 03.7 | 047 | 28 | 03.9 | 03.2 | 068 |
| 1.5 ,, | 27 | 03.6 | 03.1 | 069 | 28 | 03.3 | 02.2 | 044 | 28 | 05.5 | 05.2 | 077 | 28 | 05.4 | 05.2 | 073 | 28 | 05.0 | 04.2 | 070 | 27 | 05.0 | 04.6 | 080 |
| 2.1 ,, | 28 | 05.7 | 05.1 | 082 | 26 | 06.1 | 05.7 | 079 | 24 | 05.9 | 05.2 | 080 | 28 | 05.7 | 04.9 | 086 | 28 | 05.6 | 01.3 | 033 | 26 | 05.4 | 04.5 | 087 |
| 3.0 ,, | 28 | 06.7 | 05.2 | 092 | 26 | 06.1 | 04.2 | 095 | 23 | 07.0 | 03.6 | 105 | 25 | 06.5 | 03.5 | 112 | 27 | 05.8 | 01.9 | 103 | 24 | 06.0 | 03.6 | 100 |
| 3.6 ,, | 28 | 05.3 | 03.3 | 087 | 16 | 04.4 | 01.3 | 132 | 22 | 06.7 | 03.2 | 094 | 21 | 06.2 | 02.3 | 096 | 27 | 06.7 | 03.1 | 085 | 17 | 06.2 | 03.1 | 070 |
| 4.5 ,, | 26 | 05.5 | 01.5 | 063 | 07 | 06.7 | 02.7 | 352 | 20 | 06.5 | 03.4 | 062 | 20 | 06.9 | 03.7 | 071 | 27 | 06.8 | 03.1 | 069 | 05 | 07.0 | 06.2 | 068 |
| 5.4 ,, | 26 | 06.8 | 02.6 | 038 | 01 | 05.0 | 05.0 | 285 | 17 | 06.1 | 02.2 | 084 | 18 | 06.6 | 02.2 | 106 | 27 | 07.2 | 02.9 | 067 | 01 | 01.0 | 01.0 | 195 |
| 6.0 ,, | 26 | 07.9 | 03.1 | 013 | 01 | 03.0 | 03.0 | 300 | 15 | 06.4 | 02.5 | 068 | 15 | 07.1 | 01.9 | 079 | 27 | 07.3 | 03.2 | 071 | | | | |
| 7.2 ,, | 17 | 08.8 | 05.5 | 289 | | | | | 12 | 07.5 | 03.0 | 045 | 10 | 06.5 | 04.1 | 076 | 27 | 08.1 | 03.3 | 071 | | | | |
| 9.0 ,, | 12 | 14.2 | 11.1 | 286 | | | | | 10 | 05.4 | 00.9 | 266 | 08 | 06.3 | 03.9 | 087 | 23 | 07.4 | 01.1 | 031 | | | | |

| STATION | NAGPUR/SONEGAON | | | | | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.9 | 00.6 | 341 | 28 | 01.5 | 00.7 | 028 | 28 | 00.9 | 00.4 | 301 | 28 | 01.5 | 00.3 | 082 | 28 | 02.3 | 01.3 | 323 | 28 | 01.8 | 01.3 | 284 |
| .15 A.G.L. | 28 | 04.4 | 02.3 | 014 | 28 | 03.1 | 01.3 | 027 | 28 | 03.0 | 01.0 | 290 | 28 | 06.2 | 02.1 | 113 | 28 | 05.8 | 03.3 | 334 | 26 | 04.3 | 02.7 | 297 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 28 | 04.7 | 02.3 | 323 | 26 | 04.0 | 02.4 | 287 |
| .6 ,, | 28 | 04.8 | 01.8 | 044 | 28 | 03.6 | 01.4 | 070 | 28 | 03.0 | 00.7 | 279 | 28 | 06.4 | 01.7 | 115 | 28 | 06.2 | 03.4 | 327 | 26 | 05.7 | 03.6 | 305 |
| .9 ,, | 28 | 04.8 | 01.0 | 071 | 28 | 03.6 | 00.8 | 127 | 28 | 02.9 | 00.5 | 247 | 28 | 05.3 | 01.1 | 135 | 28 | 07.1 | 04.6 | 315 | 25 | 06.8 | 04.9 | 309 |
| 1.5 ,, | 28 | 04.1 | 01.1 | 253 | 28 | 03.9 | 01.5 | 223 | 28 | 03.7 | 00.9 | 260 | 28 | 03.7 | 01.0 | 255 | 28 | 09.3 | 07.6 | 295 | 25 | 07.6 | 06.3 | 306 |
| 2.1 ,, | 28 | 04.9 | 02.4 | 284 | 28 | 04.8 | 01.6 | 248 | 28 | 04.0 | 01.5 | 270 | 28 | 04.8 | 02.4 | 297 | 28 | 09.3 | 07.5 | 289 | 25 | 07.5 | 06.4 | 298 |
| 3.0 ,, | 28 | 07.0 | 03.6 | 279 | 28 | 07.2 | 02.9 | 266 | 28 | 06.2 | 02.9 | 275 | 28 | 06.3 | 04.1 | 272 | 28 | 10.2 | 09.1 | 289 | 24 | 08.0 | 07.1 | 290 |
| 3.6 ,, | 28 | 07.1 | 04.8 | 272 | 28 | 07.6 | 04.7 | 272 | 28 | 07.6 | 05.3 | 269 | 13 | 06.8 | 05.5 | 255 | 28 | 11.3 | 10.2 | 281 | 21 | 09.1 | 08.5 | 292 |
| 4.5 ,, | 27 | 09.7 | 07.3 | 276 | 28 | 10.7 | 07.7 | 271 | 28 | 09.3 | 07.5 | 273 | 04 | 10.2 | 04.9 | 232 | 28 | 14.1 | 12.7 | 275 | 19 | 11.9 | 11.2 | 285 |
| 5.4 ,, | 27 | 12.0 | 10.0 | 269 | 27 | 12.5 | 10.1 | 267 | 28 | 12.8 | 10.2 | 271 | 01 | 07.0 | 07.0 | 135 | 28 | 17.8 | 16.6 | 279 | 17 | 16.4 | 15.7 | 285 |
| 6.0 ,, | 25 | 12.8 | 11.0 | 273 | 27 | 14.2 | 12.2 | 272 | 28 | 13.5 | 11.7 | 271 | 01 | 08.0 | 08.0 | 155 | 28 | 20.9 | 19.7 | 269 | 17 | 18.3 | 17.6 | 286 |
| 7.2 ,, | 24 | 15.5 | 14.1 | 275 | 26 | 18.4 | 16.5 | 272 | 28 | 16.8 | 15.5 | 279 | | | | | 28 | 22.2 | 22.2 | 271 | 13 | 23.0 | 22.8 | 285 |
| 9.0 ,, | 23 | 18.9 | 17.9 | 272 | 22 | 23.0 | 20.9 | 275 | 28 | 21.9 | 19.2 | 274 | | | | | 27 | 36.1 | 34.0 | 272 | 03 | 14.6 | 14.5 | 289 |

| STATION | NEW DELHI/SAFDARJUNG | | | | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 02.6 | 01.5 | 324 | 28 | 00.2 | 00.2 | 279 | 28 | 01.1 | 00.6 | 266 | 28 | 00.2 | 00.1 | 194 | 28 | 03.3 | 03.1 | 042 | 28 | 04.0 | 03.8 | 054 |
| .15 A.G.L. | 28 | 05.4 | 03.5 | 309 | 28 | 02.9 | 00.6 | 340 | 28 | 03.6 | 00.1 | 052 | 28 | 03.8 | 01.9 | 291 | 28 | 05.3 | 04.6 | 043 | 28 | 06.0 | 05.5 | 048 |
| .3A.M.S.L. | 28 | 04.5 | 02.6 | 321 | | | | | | | | | | | | | 28 | 05.0 | 04.7 | 044 | 28 | 05.7 | 05.3 | 049 |
| .6 ,, | 28 | 05.3 | 03.5 | 311 | 28 | 01.7 | 01.0 | 226 | 28 | 02.8 | 00.3 | 304 | 28 | 02.1 | 01.5 | 245 | 28 | 05.3 | 04.7 | 055 | 27 | 05.6 | 05.1 | 054 |
| .9 ,, | 28 | 06.1 | 05.1 | 306 | 28 | 04.4 | 01.0 | 064 | 28 | 03.6 | 00.2 | 242 | 28 | 05.1 | 02.7 | 315 | 28 | 05.8 | 04.9 | 072 | 23 | 05.4 | 04.5 | 069 |
| 1.5 ,, | 28 | 07.5 | 05.8 | 291 | 28 | 06.3 | 02.1 | 117 | 28 | 04.4 | 01.1 | 190 | 28 | 06.2 | 01.3 | 317 | 28 | 06.8 | 05.7 | 094 | 22 | 05.7 | 04.5 | 088 |
| 2.1 ,, | 28 | 08.7 | 06.3 | 283 | 28 | 05.7 | 02.8 | 138 | 28 | 04.9 | 02.4 | 171 | 28 | 05.9 | 02.0 | 116 | 28 | 06.4 | 05.1 | 094 | 21 | 05.2 | 04.5 | 095 |
| 3.0 ,, | 28 | 10.5 | 08.3 | 281 | 28 | 05.2 | 01.5 | 184 | 28 | 04.7 | 01.2 | 204 | 28 | 05.5 | 02.8 | 126 | 28 | 04.3 | 03.3 | 086 | 19 | 04.8 | 02.8 | 091 |
| 3.6 ,, | 28 | 11.3 | 09.5 | 275 | 25 | 06.2 | 02.9 | 269 | 28 | 05.4 | 02.1 | 263 | 24 | 04.8 | 01.5 | 203 | 28 | 04.0 | 02.3 | 091 | 18 | 03.7 | 01.5 | 109 |
| 4.5 ,, | 28 | 14.0 | 13.0 | 273 | 07 | 09.3 | 07.2 | 265 | 28 | 06.6 | 04.6 | 278 | 03 | 05.0 | 04.9 | 240 | 28 | 04.4 | 01.3 | 111 | 17 | 03.4 | 00.8 | 173 |
| 5.4 ,, | 28 | 18.0 | 16.5 | 270 | 01 | 02.0 | 02.0 | 304 | 27 | 08.6 | 06.5 | 282 | | | | | 27 | 05.0 | 00.2 | 206 | 16 | 05.0 | 02.4 | 185 |
| 6.0 ,, | 28 | 19.3 | 18.4 | 271 | 01 | 07.0 | 07.0 | 320 | 28 | 09.8 | 07.7 | 279 | | | | | 27 | 04.9 | 00.2 | 350 | 16 | 05.6 | 02.6 | 189 |
| 7.2 ,, | 28 | 25.6 | 24.3 | 272 | | | | | 27 | 13.8 | 11.7 | 283 | | | | | 27 | 06.6 | 01.8 | 202 | 16 | 06.8 | 03.3 | 195 |
| 9.0 ,, | 27 | 35.2 | 33.7 | 278 | | | | | 19 | 17.2 | 16.1 | 270 | | | | | 26 | 08.8 | 04.2 | 212 | 15 | 08.7 | 05.5 | 200 |

| STATION | PORT BLAIR | | | | | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 03.3 | 03.1 | 044 | 28 | 03.1 | 02.2 | 040 | 28 | 00.5 | 00.2 | 054 | 28 | 00.8 | 00.3 | 283 | 28 | 01.2 | 00.2 | 112 | 28 | 01.0 | 00.2 | [illegible] |
| .15 A.G.L. | 28 | 04.8 | 04.6 | 045 | 28 | 04.5 | 04.2 | 047 | 28 | 05.0 | 02.3 | 038 | 28 | 02.4 | 01.[illegible] | 294 | 28 | 05.0 | 02.0 | 006 | 25 | 03.0 | 00.1 | 207 |
| .3A.M.S.L. | 28 | 04.9 | 04.6 | 045 | 28 | 04.6 | 04.3 | 047 | | | | | | | | | | | | | 25 | 03.0 | 00.1 | 125 |
| .6 ,, | 28 | 05.2 | 04.9 | 047 | 27 | 05.1 | 04.7 | 058 | 28 | 06.0 | 02.5 | 050 | 28 | 02.5 | 01.[illegible] | [illegible]03 | 28 | 04.7 | 00.8 | 327 | 25 | 03.4 | 01.4 | 261 |
| .9 ,, | 28 | 05.2 | 04.5 | 058 | 24 | 05.3 | 04.5 | 078 | 28 | 05.3 | 01.3 | 047 | 28 | 02.6 | 01.5 | [illegible] | 28 | 03.9 | 01.2 | 302 | 25 | 03.7 | 01.3 | 269 |
| 1.5 ,, | 28 | 05.9 | 05.0 | 091 | 15 | 05.7 | 04.4 | 086 | 28 | 04.0 | 01.3 | 314 | 28 | 03.5 | 02.1 | 30[illegible] | 28 | 04.2 | 02.2 | 304 | 24 | 04.6 | 02.7 | 302 |
| 2.1 ,, | 28 | 05.7 | 04.3 | 090 | 14 | 05.3 | 04.3 | 080 | 28 | 05.8 | 03.2 | 296 | 2[illegible] | 0[illegible].2 | 03.2 | 30[illegible] | [illegible] | 05.1 | 02.9 | 293 | 24 | 07.2 | 05.[illegible] | 287 |
| 3.0 ,, | 28 | 04.2 | 02.4 | 063 | 12 | 03.7 | 02.9 | 081 | 28 | 07.5 | 05.4 | 295 | 28 | 07.[illegible] | 04.7 | 29[illegible] | [illegible] | 06.1 | 04.0 | 289 | 16 | 12.9 | 11.4 | [illegible] |
| 3.6 ,, | 27 | 04.1 | 01.3 | 075 | 08 | 04.9 | 03.8 | 080 | 28 | 08.0 | 06.[illegible] | 29[illegible] | 28 | 07.[illegible] | 06.0 | 275 | [illegible] | 06.9 | 04.8 | 283 | 11 | 16.3 | 14.4 | 277 |
| 4.5 ,, | 27 | 04.1 | 01.2 | 111 | 06 | 03.5 | 01.2 | 111 | 28 | 09.6 | 09.[illegible] | 276 | 28 | 10.1 | 08.6 | 27[illegible] | 14 | [illegible].3 | 06.8 | 280 | 02 | 09.5 | 09.5 | 301 |
| 5.4 ,, | 27 | 04.6 | 01.2 | 127 | 04 | 04.0 | 01.3 | 090 | 28 | 13.0 | 12.9 | 277 | 27 | 12.5 | 10.6 | 275 | 03 | 09.5 | 06.0 | 309 | | | | |
| 6.0 ,, | 27 | 05.5 | 01.6 | 206 | 04 | 05.0 | 01.7 | 138 | 28 | 14.1 | 12.1 | [illegible] | 27 | 14.8 | 12.8 | 277 | | | | | | | | |
| 7.2 ,, | 26 | 06.[illegible] | 01.[illegible] | [illegible]02 | | | | | 22 | 17.3 | 15.7 | 272 | 2[illegible] | 17.7 | 15.9 | 277 | | | | | | | | |
| 9.0 ,, | 26 | 07.[illegible] | [illegible] | 2[illegible]7 | | | | | 15 | 20.3 | 18.[illegible] | [illegible] | 12 | 21.0 | 17.[illegible] | 27[illegible] | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | RAXAUL | | | | SRINAGAR | | | | | | | | TIRUCHIRAPALLI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.2 | 00.9 | 235 | 12 | 00.6 | 00.6 | 172 | 20 | 00.9 | 00.5 | 312 | 28 | 02.7 | 02.5 | 022 | 28 | 03.7 | 03.4 | 065 | 28 | 03.9 | 03.3 | 078 |
| .15 A.G.L. | 27 | 02.9 | 02.3 | 243 | 12 | 02.3 | 01.6 | 135 | 19 | 01.9 | 00.3 | 016 | 28 | 05.3 | 04.8 | 035 | 28 | 05.1 | 04.9 | 069 | 28 | 07.2 | 06.5 | 080 |
| .3A.M.S.L. | 27 | 03.0 | 02.2 | 242 | | | | | | | | | 28 | 05.4 | 04.9 | 043 | 28 | 05.1 | 04.8 | 070 | 28 | 07.7 | 07.1 | 081 |
| .6 ,, | 27 | 03.6 | 02.4 | 251 | | | | | | | | | 28 | 06.0 | 05.2 | 063 | 28 | 05.5 | 05.1 | 069 | 28 | 08.0 | 07.2 | 075 |
| .9 ,, | 27 | 04.0 | 02.4 | 261 | | | | | | | | | 28 | 05.8 | 04.9 | 064 | 28 | 05.3 | 04.9 | 067 | 28 | 06.7 | 05.9 | 067 |
| 1.5 ,, | 27 | 05.1 | 02.9 | 255 | | | | | | | | | 27 | 05.6 | 04.8 | 057 | 28 | 05.5 | 04.7 | 052 | 28 | 05.5 | 04.8 | 054 |
| 2.1 ,, | 27 | 06.9 | 05.6 | 293 | 12 | 01.7 | 01.2 | 173 | 19 | 01.9 | 00.4 | 082 | 25 | 05.8 | 04.4 | 049 | 28 | 05.2 | 03.7 | 040 | 28 | 05.0 | 03.6 | 045 |
| 3.0 ,, | 24 | 10.9 | 10.2 | 289 | 12 | 02.9 | 02.5 | 133 | 19 | 03.7 | 02.6 | 141 | 24 | 05.8 | 02.4 | 089 | 26 | 05.5 | 02.1 | 058 | 28 | 05.1 | 02.2 | 083 |
| 3.6 ,, | 19 | 13.4 | 12.7 | 285 | 12 | 05.4 | 03.9 | 170 | 19 | 05.2 | 04.1 | 161 | 24 | 06.2 | 02.7 | 112 | 24 | 05.6 | 01.8 | 060 | 27 | 05.6 | 02.1 | 104 |
| 4.5 ,, | 11 | 10.5 | 10.2 | 282 | 12 | 07.8 | 04.8 | 229 | 19 | 07.5 | 06.3 | 215 | 21 | 06.5 | 02.9 | 074 | 24 | 05.6 | 01.8 | 062 | 22 | 05.7 | 02.0 | 066 |
| 5.4 ,, | 10 | 13.2 | 12.7 | 291 | 12 | 10.8 | 08.6 | 260 | 19 | 11.8 | 10.1 | 247 | 21 | 07.5 | 01.7 | 063 | 22 | 07.0 | 01.9 | 052 | 11 | 06.2 | 00.4 | 347 |
| 6.0 ,, | 09 | 14.2 | 13.3 | 286 | 12 | 12.4 | 10.5 | 265 | 19 | 14.7 | 12.5 | 253 | 20 | 07.3 | 00.9 | 342 | 22 | 06.9 | 02.5 | 049 | 08 | 07.1 | 02.3 | 295 |
| 7.2 ,, | 06 | 13.7 | 13.5 | 292 | 12 | 17.5 | 15.2 | 271 | 19 | 19.6 | 16.1 | 266 | 19 | 08.9 | 03.0 | 269 | 20 | 06.8 | 02.1 | 023 | 01 | 04.0 | 04.0 | 350 |
| 9.0 ,, | 02 | 19.0 | 18.9 | 291 | 12 | 28.8 | 25.7 | 273 | 17 | 27.9 | 21.6 | 263 | 09 | 09.4 | 07.1 | 245 | 12 | 09.1 | 02.6 | 241 | | | | |

| STATION | TRIVANDRUM | | | | | | | | | | | | | | | | UDAIPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.6 | 00.6 | 041 | 28 | 01.5 | 00.4 | 340 | 28 | 03.0 | 02.7 | 243 | 28 | 01.7 | 01.0 | 331 | 28 | 00.4 | 00.1 | 071 | 28 | 00.8 | 00.7 | 236 |
| .15 A.G.L. | 28 | 03.1 | 01.6 | 356 | 28 | 02.5 | 00.6 | 285 | 28 | 04.0 | 03.7 | 245 | 28 | 03.3 | 02.3 | 305 | 28 | 02.5 | 01.3 | 020 | 28 | 03.1 | 01.1 | 235 |
| .3A.M.S.L. | 28 | 03.0 | 01.7 | 359 | 28 | 02.4 | 00.4 | 308 | 28 | 04.0 | 03.6 | 241 | 28 | 03.4 | 02.5 | 310 | | | | | | | | |
| .6 ,, | 28 | 02.7 | 01.3 | 027 | 28 | 02.0 | 00.7 | 358 | 28 | 03.0 | 02.0 | 233 | 28 | 03.4 | 02.4 | 346 | | | | | | | | |
| .9 ,, | 28 | 02.8 | 01.7 | 037 | 28 | 02.1 | 01.2 | 043 | 28 | 03.0 | 01.0 | 021 | 28 | 03.7 | 03.2 | 036 | 28 | 03.3 | 01.6 | 055 | 28 | 03.0 | 01.4 | 240 |
| 1.5 ,, | 28 | 03.8 | 02.8 | 059 | 27 | 03.3 | 02.5 | 053 | 28 | 06.2 | 06.0 | 049 | 28 | 06.3 | 05.7 | 055 | 28 | 04.7 | 01.2 | 261 | 28 | 03.7 | 02.3 | 260 |
| 2.1 ,, | 28 | 04.5 | 03.1 | 047 | 21 | 05.3 | 04.3 | 065 | 28 | 07.0 | 06.4 | 046 | 26 | 05.5 | 03.8 | 050 | 28 | 06.6 | 05.4 | 251 | 28 | 03.8 | 04.1 | 258 |
| 3.0 ,, | 28 | 04.9 | 01.0 | 056 | 17 | 07.1 | 04.9 | 074 | 28 | 05.9 | 03.0 | 067 | 20 | 04.7 | 02.2 | 112 | 28 | 07.9 | 06.9 | 260 | 28 | 07.8 | 06.8 | 264 |
| 3.6 ,, | 28 | 05.8 | 02.6 | 094 | 15 | 06.3 | 03.5 | 107 | 28 | 05.9 | 01.5 | 087 | 17 | 04.6 | 01.5 | 143 | 28 | 10.0 | 08.4 | 260 | 28 | 10.1 | 08.4 | 263 |
| 4.5 ,, | 28 | 06.5 | 02.9 | 070 | 12 | 06.3 | 04.1 | 100 | 27 | 06.3 | 03.1 | 066 | 12 | 04.1 | 00.4 | 046 | 28 | 12.7 | 11.5 | 266 | 26 | 13.3 | 11.0 | 273 |
| 5.4 ,, | 28 | 06.7 | 03.1 | 065 | 12 | 07.3 | 04.7 | 083 | 28 | 06.5 | 01.6 | 062 | 04 | 02.5 | 02.3 | 026 | 25 | 15.4 | 14.9 | 262 | 24 | 16.0 | 11.9 | 268 |
| 6.0 ,, | 28 | 07.2 | 02.5 | 063 | 11 | 07.0 | 03.6 | 090 | 28 | 07.4 | 01.9 | 048 | | | | | 25 | 17.6 | 16.8 | 267 | 24 | 17.9 | 14.4 | 274 |
| 7.2 ,, | 27 | 07.8 | 00.5 | 011 | 10 | 07.6 | 02.1 | 073 | 28 | 07.9 | 01.5 | 036 | | | | | 18 | 23.2 | 22.2 | 274 | 21 | 22.0 | 19.6 | 266 |
| 9.0 ,, | 27 | 08.2 | 00.7 | 310 | 08 | 07.9 | 00.5 | 208 | 28 | 07.9 | 02.4 | 177 | | | | | 08 | 26.4 | 20.8 | 275 | 06 | 20.0 | 17.3 | 285 |

| STATION | UDAIPUR | | | | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.4 | 00.2 | 310 | 28 | 00.4 | 00.3 | 004 | 28 | 02.3 | 01.9 | 277 | 28 | 00.6 | 00.6 | 357 | 28 | 04.3 | 03.7 | 013 | 28 | 05.7 | 04.7 | 263 |
| .15 A.G.L. | 28 | 03.6 | 01.7 | 286 | 28 | 04.7 | 03.3 | 013 | 28 | 04.7 | 04.2 | 280 | 28 | 04.5 | 04.5 | 349 | 28 | 09.4 | 07.7 | 017 | 28 | 05.4 | 03.9 | 245 |
| .3A.M.S.L. | | | | | 28 | 05.4 | 03.5 | 016 | 28 | 04.5 | 03.6 | 277 | 28 | 05.4 | 05.3 | 347 | 28 | 08.7 | 06.4 | 014 | 28 | 05.3 | 03.4 | 245 |
| .6 ,, | | | | | 28 | 06.0 | 03.5 | 015 | 28 | 03.2 | 01.5 | 284 | 28 | 05.0 | 04.7 | 344 | 28 | 06.5 | 04.0 | 009 | 28 | 04.3 | 02.1 | 282 |
| .9 ,, | 28 | 04.4 | 01.6 | 289 | 28 | 06.1 | 02.6 | 020 | 28 | 03.0 | 00.9 | 284 | 28 | 04.5 | 03.4 | 344 | 28 | 04.9 | 02.3 | 011 | 28* | 04.3 | 02.2 | 327 |
| 1.5 ,, | 28 | 04.1 | 01.0 | 282 | 28 | 05.0 | 01.9 | 087 | 28 | 04.0 | 02.1 | 085 | 28 | 05.0 | 01.5 | 059 | 28 | 04.8 | 00.3 | 179 | 28 | 04.9 | 02.3 | 006 |
| 2.1 ,, | 28 | 04.4 | 03.0 | 239 | 28 | 04.6 | 03.2 | 127 | 28 | 06.2 | 04.3 | 089 | 27 | 06.1 | 04.5 | 101 | 28 | 06.7 | 02.5 | 214 | 28 | 06.1 | 01.5 | 307 |
| 3.0 ,, | 27 | 06.6 | 04.7 | 264 | 25 | 03.9 | 01.3 | 117 | 28 | 06.8 | 03.8 | 092 | 25 | 05.8 | 03.6 | 106 | 28 | 06.9 | 03.7 | 222 | 28 | 06.4 | 02.9 | 279 |
| 3.6 ,, | 22 | 08.0 | 06.1 | 260 | 05 | 04.2 | 00.9 | 153 | 28 | 05.5 | 02.1 | 078 | 15 | 04.2 | 02.1 | 102 | 14 | 06.6 | 05.2 | 247 | 28 | 07.8 | 05.6 | 272 |
| 4.5 ,, | 15 | 10.2 | 08.0 | 273 | | | | | 28 | 05.1 | 01.1 | 003 | | | | | 08 | 09.0 | 08.3 | 269 | 28 | 10.4 | 08.6 | 272 |
| 5.4 ,, | 01 | 16.0 | 16.0 | 270 | | | | | 28 | 05.9 | 02.5 | 316 | | | | | 03 | 12.3 | 08.7 | 263 | 28 | 13.4 | 12.3 | 272 |
| 6.0 ,, | | | | | | | | | 28 | 06.7 | 04.0 | 308 | | | | | 02 | 15.5 | 09.5 | 269 | 28 | 15.4 | 14.2 | 274 |
| 7.2 ,, | | | | | | | | | 26 | 09.0 | 06.1 | 294 | | | | | 01 | 18.0 | 18.0 | 008 | 28 | 18.7 | 17.1 | 274 |
| 9.0 ,, | | | | | | | | | 11 | 12.4 | 10.5 | 294 | | | | | | | | | 20 | 24.5 | 21.9 | 277 |

| STATION | VERAVAL | | | | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 03.3 | 02.4 | 319 | 28 | 01.0 | 00.8 | 094 | 28 | 02.7 | 02.5 | 142 | 28 | 01.6 | 01.3 | 158 | 28 | 01.9 | 01.5 | 340 | 28 | 01.9 | 01.7 | 177 |
| .15 A.G.L. | 28 | 05.8 | 04.9 | 307 | 28 | 02.8 | 02.0 | 152 | 28 | 04.0 | 03.6 | 139 | 28 | 05.8 | 05.4 | 160 | 27 | 04.0 | 03.5 | 340 | 28 | 04.0 | 03.1 | 190 |
| .3A.M.S.L. | 28 | 05.9 | 04.8 | 307 | 28 | 03.4 | 02.9 | 162 | 28 | 03.9 | 03.5 | 138 | 28 | 06.1 | 05.8 | 150 | 27 | 03.7 | 02.9 | 333 | 28 | 03.5 | 02.0 | 199 |
| .6 ,, | 28 | 05.7 | 03.9 | 307 | 28 | 04.7 | 03.8 | 155 | 28 | 02.8 | 03.2 | 133 | 28 | 04.8 | 04.5 | 128 | 27 | 03.0 | 00.9 | 230 | 28 | 03.0 | 01.4 | 245 |
| .9 ,, | 28 | 04.9 | 02.4 | 324 | 23 | 05.1 | 04.1 | 139 | 28 | 03.6 | 02.5 | 129 | 28 | 04.5 | 03.9 | 106 | 27 | 03.2 | 01.3 | 285 | 27 | 03.5 | 00.3 | 319 |
| 1.5 ,, | 28 | 04.7 | 00.7 | 066 | 28 | 05.7 | 03.7 | 091 | 28 | 03.5 | 01.7 | 059 | 28 | 05.5 | 03.8 | 066 | 27 | 04.3 | 02.0 | 028 | 27 | 04.6 | 01.9 | 048 |
| 2.1 ,, | 28 | 05.6 | 01.0 | 199 | 28 | 05.5 | 03.2 | 064 | 28 | 04.6 | 02.6 | 039 | 28 | 05.3 | 03.8 | 043 | 27 | 06.1 | 02.9 | 025 | 27 | 05.4 | 02.6 | 020 |
| 3.0 ,, | 28 | 06.5 | 01.8 | 234 | 27 | 05.1 | 01.6 | 003 | 28 | 04.6 | 02.1 | 019 | 28 | 04.9 | 01.7 | 013 | 27 | 05.7 | 01.7 | 321 | 27 | 04.7 | 01.3 | 348 |
| 3.6 ,, | 21 | 06.6 | 04.3 | 273 | 27 | 04.4 | 01.2 | 316 | 28 | 04.7 | 01.2 | 356 | 24 | 04.3 | 01.0 | 326 | 27 | 05.4 | 01.3 | 310 | 26 | 04.8 | 01.3 | 338 |
| 4.5 ,, | 12 | 09.3 | 07.0 | 292 | 25 | 05.5 | 02.1 | 284 | 28 | 06.1 | 02.3 | 325 | 21 | 05.9 | 02.2 | 299 | 27 | 06.3 | 03.3 | 303 | 25 | 06.0 | 02.8 | 313 |
| 5.4 ,, | 03 | 13.7 | 13.0 | 274 | 25 | 06.6 | 03.7 | 284 | 28 | 06.4 | 04.2 | 295 | 13 | 06.0 | 04.6 | 293 | 27 | 08.7 | 06.2 | 304 | 22 | 07.3 | 04.7 | 277 |
| 6.0 ,, | 02 | 16.0 | 15.3 | 291 | 22 | 08.0 | 05.7 | 279 | 28 | 06.9 | 05.2 | 290 | 11 | 06.5 | 05.2 | 295 | 27 | 09.3 | 07.1 | 288 | 22 | 08.2 | 06.4 | 274 |
| 7.2 ,, | | | | | 17 | 10.2 | 08.1 | 281 | 23 | 10.8 | 09.3 | 285 | 03 | 07.3 | 06.3 | 279 | 27 | 12.4 | 10.4 | 275 | 17 | 11.6 | 10.0 | 282 |
| 9.0 ,, | | | | | 12 | 15.5 | 13.7 | 269 | 11 | 15.8 | 13.7 | 269 | | | | | 27 | 16.2 | 15.3 | 265 | 14 | 19.2 | 16.9 | 266 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 01.3 | 00.2 | 249 | 28 | 02.4 | 01.8 | 285 | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 28 | 02.8 | 00.4 | 342 | 28 | 04.1 | 03.7 | 242 | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 28 | 02.9 | 01.4 | 233 | 28 | 03.8 | 03.4 | 225 | | | | | | | | | | | | | | | | |
| .6 ,, | 28 | 03.2 | 01.4 | 183 | 28 | 04.0 | 02.9 | 213 | | | | | | | | | | | | | | | | |
| .9 ,, | 28 | 03.4 | 00.7 | 136 | 28 | 02.9 | 00.8 | 219 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 28 | 05.3 | 03.1 | 017 | 26 | 03.6 | 02.0 | 049 | | | | | | | | | | | | | | | | |
| 2.1 ,, | 28 | 05.9 | 03.7 | 008 | 25 | 05.5 | 03.8 | 019 | | | | | | | | | | | | | | | | |
| 3.0 ,, | 27 | 07.3 | 03.8 | 348 | 24 | 05.3 | 02.1 | 001 | | | | | | | | | | | | | | | | |
| 3.6 ,, | 27 | 06.1 | 02.6 | 325 | 12 | 04.0 | 00.6 | 263 | | | | | | | | | | | | | | | | |
| 4.5 ,, | 27 | 06.1 | 00.4 | 305 | 05 | 06.2 | 04.7 | 265 | | | | | | | | | | | | | | | | |
| 5.4 ,, | 27 | 07.7 | 05.4 | 288 | 02 | 06.0 | 04.9 | 309 | | | | | | | | | | | | | | | | |
| 6.0 ,, | 27 | 09.4 | 07.1 | 284 | 01 | 03.0 | 03.0 | 275 | | | | | | | | | | | | | | | | |
| 7.2 ,, | 27 | 12.7 | 11.6 | 280 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 27 | 16.0 | 14.4 | 266 | | | | | | | | | | | | | | | | | | | | |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

February 1966 (Magha 12 - Phalguna 9, 1887 Saka)

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **AGARTALA** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 18.0 | 17.9 | 277 |
| 12.0 | 3 | 25.7 | 25.6 | 270 |
| 14.1 | 1 | 21.0 | 21.0 | 260 |
| | | 1730 hr. | | |
| 10.5 | 2 | 28.0 | 27.6 | 261 |
| 12.0 | 2 | 41.5 | 41.4 | 249 |
| 14.1 | 1 | 41.0 | 41.0 | 235 |
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 10.5 | 22 | 33.8 | 30.0 | 263 |
| 12.0 | 21 | 37.5 | 34.8 | 266 |
| 14.1 | 10 | 33.0 | 30.1 | 260 |
| 16.2 | 3 | 38.3 | 37.9 | 243 |
| 18.0 | 1 | 28.0 | 28.0 | 250 |
| | | 1130 hr. | | |
| 10.5 | 8 | 37.1 | 27.3 | 290 |
| 12.0 | 3 | 42.3 | 41.3 | 282 |
| | | 1730 hr.* | | |
| 10.5 | 21 | 31.2 | 28.7 | 267 |
| 12.0 | 16 | 30.8 | 27.1 | 266 |
| 14.1 | 6 | 29.2 | 28.8 | 268 |
| 16.2 | 4 | 29.0 | 24.7 | 253 |
| 18.0 | 4 | 27.3 | 16.5 | 256 |
| 21.0 | 2 | 23.0 | 21.9 | 270 |
| | | **ALLAHABAD/RAMHRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 25 | 33.6 | 33.1 | 268 |
| 12.0 | 18 | 33.7 | 33.1 | 268 |
| 14.1 | 8 | 36.0 | 34.6 | 265 |
| 16.2 | 3 | 27.7 | 27.3 | 260 |
| | | 1130 hr. | | |
| 10.5 | 3 | 31.7 | 31.3 | 258 |
| | | 1730 hr. | | |
| 10.5 | 26 | 37.8 | 36.5 | 270 |
| 12.0 | 24 | 38.4 | 36.3 | 270 |
| 14.1 | 12 | 36.6 | 35.0 | 268 |
| 16.2 | 6 | 34.5 | 34.0 | 248 |
| 18.0 | 1 | 78.0 | 78.0 | 250 |
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 12.2 | 9.8 | 257 |
| 12.0 | 1 | 19.0 | 19.0 | 200 |
| | | **ASANSOL** | | |
| | | 1730 hr. | | |
| 10.5 | 3 | 33.3 | 31.4 | 262 |
| 12.0 | 3 | 34.3 | 31.7 | 260 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 19 | 8.8 | 5.4 | 274 |
| 12.0 | 17 | 8.9 | 4.3 | 256 |
| 14.1 | 12 | 9.8 | 4.6 | 209 |
| 16.2 | 12 | 9.3 | 4.7 | 101 |
| 18.0 | 9 | 9.0 | 6.7 | 078 |
| 21.0 | 2 | 8.5 | 7.9 | 101 |
| 24.0 | 1 | 15.0 | 15.0 | 005 |
| | | 1130 hr. | | |
| 10.5 | 15 | 7.5 | 4.7 | 259 |
| 12.0 | 15 | 8.0 | 3.4 | 237 |
| 14.1 | 10 | 11.7 | 4.7 | 208 |
| 16.2 | 5 | 8.0 | 3.0 | 059 |
| 18.0 | 5 | 13.2 | 10.4 | 046 |
| 21.0 | 4 | 11.2 | 11.2 | 082 |
| 24.0 | 2 | 10.0 | 9.9 | 093 |
| 27.0 | 1 | 25.0 | 25.0 | 095 |
| | | 1730 hr.● | | |
| 10.5 | 22 | 9.8 | 7.2 | 252 |
| 12.0 | 22 | 10.0 | 7.4 | 233 |
| 14.1 | 13 | 13.9 | 5.8 | 258 |
| 16.2 | 8 | 13.3 | 2.1 | 193 |
| 18.0 | 3 | 14.0 | 13.8 | 094 |
| 21.0 | 2 | 10.0 | 10.0 | 090 |
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 18.3 | 18.2 | 244 |
| 12.0 | 3 | 24.7 | 24.7 | 235 |
| | | 1730 hr. | | |
| 10.5 | 1 | 14.0 | 14.0 | 275 |
| | | **BHOPAL/ BAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 9 | 30.7 | 28.6 | 272 |
| 12.0 | 4 | 28.2 | 27.8 | 264 |
| 14.1 | 2 | 13.5 | 12.8 | 269 |
| 16.2 | 1 | 27.0 | 27.0 | 275 |
| 18.0 | 1 | 15.0 | 15.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 3 | 24.6 | 20.6 | 271 |
| 12.0 | 1 | 22.0 | 22.0 | 245 |
| 14.1 | 1 | 21.0 | 21.0 | 260 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 21.6 | 19.8 | 274 |
| 12.0 | 27 | 22.4 | 20.3 | 270 |
| 14.1 | 19 | 23.5 | 19.9 | 269 |
| 16.2 | 13 | 19.7 | 17.7 | 255 |
| 18.0 | 9 | 12.6 | 9.8 | 269 |
| 21.0 | 2 | 5.0 | 2.1 | 159 |
| 24.0 | 1 | 8.0 | 8.0 | 020 |
| | | 1130 hr. | | |
| 10.5 | 17 | 26.3 | 22.9 | 271 |
| 12.0 | 9 | 24.1 | 21.0 | 275 |
| 14.1 | 5 | 27.0 | 18.3 | 274 |
| 16.2 | 3 | 17.3 | 15.3 | 291 |
| 18.0 | 2 | 16.0 | 10.1 | 228 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 22.1 | 19.0 | 277 |
| 12.0 | 27 | 33.3 | 20.0 | 274 |
| 14.1 | 23 | 20.9 | 19.3 | 266 |
| 16.2 | 18 | 17.4 | 15.0 | 266 |
| 18.0 | 10 | 17.5 | 12.2 | 268 |
| 21.0 | 4 | 11.7 | 8.5 | 306 |
| 24.0 | 1 | 15.0 | 15.0 | 275 |
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 27.0 | 25.8 | 269 |
| 12.0 | 26 | 29.9 | 28.3 | 263 |
| 14.1 | 24 | 24.9 | 24.2 | 260 |
| 16.2 | 23 | 22.3 | 21.4 | 264 |
| 18.0 | 13 | 15.2 | 13.3 | 256 |
| 21.0 | 2 | 13.0 | 10.6 | 282 |
| | | 1130 hr. | | |
| 10.5 | 4 | 27.2 | 26.1 | 267 |
| 12.0 | 1 | 28.0 | 28.0 | 270 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 30.5 | 28.6 | 267 |
| 12.0 | 28 | 33.8 | 32.5 | 264 |
| 14.1 | 28 | 30.7 | 29.6 | 265 |
| 16.2 | 25 | 28.9 | 27.2 | 269 |
| 18.0 | 14 | 19.0 | 17.6 | 271 |
| 21.0 | 3 | 14.3 | 14.2 | 280 |
| | | **DIBRUGARH/ MOHANBARI** | | |
| | | 0530 hr.* | | |
| 10.5 | 3 | 19.3 | 18.6 | 265 |
| | | 1130 hr. | | |
| 10.5 | 5 | 33.0 | 32.7 | 268 |
| 12.0 | 2 | 46.0 | 45.7 | 270 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 24 | 14.8 | 12.5 | 266 |
| 12.0 | 24 | 14.5 | 10.5 | 261 |
| 14.1 | 17 | 14.8 | 10.5 | 255 |
| 16.2 | 13 | 10.4 | 6.2 | 262 |
| 18.0 | 7 | 8.4 | 2.3 | 033 |
| 21.0 | 6 | 11.8 | 3.4 | 086 |
| | | 1730 hr. | | |
| 10.5 | 23 | 13.4 | 10.9 | 273 |
| 12.0 | 22 | 14.1 | 10.1 | 268 |
| 14.1 | 16 | 12.7 | 10.2 | 261 |
| 16.2 | 12 | 8.6 | 1.9 | 351 |
| 18.0 | 9 | 7.8 | 5.0 | 111 |
| 21.0 | 4 | 12.3 | 5.3 | 105 |
| | | **GANGTOK** | | |
| | | 0830 hr. | | |
| 10.5 | 3 | 25.0 | 7.0 | 275 |
| 12.0 | 1 | 32.0 | 32.0 | 295 |
| | | 1730 hr. | | |
| 10.5 | 1 | 23.0 | 23.0 | 290 |
| 12.0 | 1 | 23.0 | 23.0 | 250 |
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 18 | 42.4 | 41.3 | 269 |
| 12.0 | 11 | 40.1 | 38.6 | 268 |
| 14.1 | 6 | 39.7 | 39.1 | 267 |
| 16.2 | 5 | 31.2 | 30.8 | 279 |
| 18.0 | 1 | 9.0 | 9.0 | 265 |
| 21.0 | 1 | 3.0 | 3.0 | 030 |
| | | 1130 hr.* | | |
| 10.5 | 1 | 30.0 | 30.0 | 290 |
| 12.0 | 1 | 30.0 | 30.0 | 295 |
| 14.1 | 1 | 21.0 | 21.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 16 | 39.2 | 37.2 | 269 |
| 12.0 | 12 | 40.2 | 38.8 | 261 |
| 14.1 | 8 | 38.6 | 33.3 | 266 |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9.0 Km. above sea level.

February 1966 (Magha 12 - Phalguna 9, 1887 Saka)

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 16.2 | 3 | 25.4 | 25.0 | 276 |
| 18.0 | 1 | 12.0 | 12.0 | 255 |
| | | GWALIOR | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 15.3 | 13.2 | 282 |
| 12.0 | 3 | 18.3 | 17.3 | 281 |
| 14.1 | 1 | 33.0 | 33.0 | 260 |
| 16.2 | 1 | 31.0 | 31.0 | 260 |
| | | 1130 hr. | | |
| 10.5 | 4 | 25.0 | 24.2 | 249 |
| 12.0 | 2 | 34.5 | 34.5 | 250 |
| 14.1 | 1 | 25.0 | 25.0 | 265 |
| 16.2 | 1 | 36.0 | 36.0 | 260 |
| 18.0 | 1 | 26.0 | 26.0 | 255 |
| | | IMPHAL/ TULIHAL | | |
| | | 1130 hr. | | |
| 10.5 | 11 | 45.7 | 43.6 | 268 |
| 12.0 | 8 | 48.2 | 46.2 | 259 |
| 14.1 | 6 | 44.2 | 42.8 | 269 |
| 16.2 | 2 | 57.5 | 53.9 | 284 |
| 18.0 | 2 | 45.0 | 44.1 | 272 |
| | | 1730 hr. | | |
| 10.5 | 1 | 38.0 | 38.0 | 257 |
| | | JAGDALPUR | | |
| | | 0530 hr. | | |
| 10.5 | 20 | 22.4 | 19.4 | 259 |
| 12.0 | 14 | 19.6 | 17.8 | 259 |
| 14.1 | 10 | 14.1 | 12.5 | 262 |
| 16.2 | 5 | 15.0 | 14.4 | 248 |
| | | 1730 hr. | | |
| 10.5 | 15 | 22.1 | 20.0 | 269 |
| 12.0 | 11 | 20.0 | 17.9 | 263 |
| 14.1 | 8 | 17.3 | 15.8 | 251 |
| 16.2 | 6 | 19.0 | 16.3 | 255 |
| 18.0 | 2 | 8.0 | 7.5 | 288 |
| 21.0 | 2 | 17.5 | 16.5 | 305 |
| | | JHARSUGUDA | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 45.0 | 45.0 | 250 |
| | | 1730 hr. | | |
| 10.5 | 3 | 27.0 | 26.6 | 297 |
| 12.0 | 1 | 31.0 | 31.0 | 300 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | MADRAS/ MINAMBAKKAM | | |
| | | 0530 hr.* | | |
| 10.5 | 26 | 10.2 | 4.8 | 200 |
| 12.0 | 26 | 11.8 | 8.8 | 222 |
| 14.1 | 23 | 13.5 | 11.3 | 233 |
| 16.2 | 17 | 9.4 | 2.1 | 210 |
| 18.0 | 10 | 7.3 | 3.8 | 130 |
| 21.0 | 6 | 10.0 | 9.0 | 080 |
| 24.0 | 3 | 15.7 | 14.6 | 092 |
| | | 1130 hr. | | |
| 10.5 | 5 | 10.4 | 5.4 | 226 |
| 12.0 | 5 | 11.4 | 6.4 | 201 |
| 14.1 | 4 | 6.5 | 4.9 | 205 |
| 16.2 | 4 | 6.3 | 1.5 | 096 |
| 18.0 | 3 | 6.7 | 4.1 | 069 |
| 21.0 | 2 | 7.5 | 7.5 | 118 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 12.4 | 9.6 | 226 |
| 12.0 | 26 | 11.7 | 8.3 | 220 |
| 14.1 | 24 | 14.0 | 8.2 | 210 |
| 16.2 | 18 | 10.6 | 2.0 | 158 |
| 18.0 | 10 | 7.4 | 1.6 | 087 |
| 21.0 | 5 | 8.2 | 6.9 | 111 |
| 24.0 | 1 | 11.0 | 11.0 | 100 |
| | | MANGALORE/ BAJPE | | |
| | | 1730 hr. | | |
| 10.5 | 4 | 19.7 | 17.4 | 270 |
| 12.0 | 4 | 25.0 | 23.1 | 307 |
| 14.1 | 2 | 12.5 | 11.7 | 301 |
| 16.2 | 1 | 7.0 | 7.0 | 300 |
| 18.0 | 1 | 8.0 | 8.0 | 310 |
| 21.0 | 1 | 11.0 | 11.0 | 085 |
| | | MINICOY | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 8.7 | 1.7 | 006 |
| 12.0 | 3 | 12.3 | 1.6 | 272 |
| 14.1 | 2 | 11.0 | 7.5 | 202 |
| | | 1130 hr. | | |
| 10.5 | 5 | 8.0 | 4.8 | 149 |
| 12.0 | 5 | 10.6 | 6.2 | 137 |
| 14.1 | 4 | 10.7 | 6.4 | 111 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 16.2 | 4 | 9.5 | 3.9 | 117 |
| | | 1730 hr.* | | |
| 10.5 | 23 | 8.5 | 0.6 | 200 |
| 12.0 | 23 | 7.3 | 0.7 | 182 |
| 14.1 | 22 | 10.1 | 2.9 | 151 |
| 16.2 | 19 | 10.6 | 3.7 | 102 |
| 18.0 | 14 | 10.2 | 4.3 | 102 |
| 21.0 | 10 | 18.8 | 9.5 | 082 |
| 24.0 | 2 | 24.5 | 24.5 | 098 |
| | | NAGPUR/ SONEGAON | | |
| | | 0530 hr.* | | |
| 10.5 | 22 | 23.3 | 21.9 | 269 |
| 12.0 | 22 | 25.7 | 24.3 | 264 |
| 14.1 | 17 | 28.3 | 20.9 | 258 |
| 16.2 | 13 | 19.3 | 18.5 | 261 |
| 18.0 | 9 | 13.1 | 10.4 | 265 |
| 21.0 | 4 | 7.0 | 5.9 | 332 |
| 24.0 | 2 | 7.0 | 7.0 | 270 |
| | | 1130 hr. | | |
| 10.5 | 12 | 27.0 | 24.7 | 271 |
| 12.0 | 5 | 27.2 | 26.2 | 259 |
| 14.1 | 1 | 35.0 | 35.0 | 235 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 23.3 | 21.5 | 269 |
| 12.0 | 28 | 23.7 | 22.5 | 269 |
| 14.1 | 23 | 26.2 | 24.8 | 262 |
| 16.2 | 17 | 20.0 | 18.9 | 262 |
| 18.0 | 10 | 17.5 | 15.8 | 268 |
| 21.0 | 4 | 13.2 | 8.7 | 284 |
| | | NEW DELHI/ SAFDARJUNG | | |
| | | 0530 hr.* | | |
| 10.5 | 25 | 46.1 | 43.2 | 275 |
| 12.0 | 22 | 44.7 | 43.1 | 272 |
| 14.1 | 17 | 33.7 | 32.7 | 270 |
| 16.2 | 12 | 25.2 | 23.9 | 270 |
| 18.0 | 11 | 13.6 | 12.9 | 270 |
| 21.0 | 7 | 10.0 | 7.5 | 297 |
| 24.0 | 2 | 4.5 | 4.5 | 294 |
| | | 1730 hr.* | | |
| 10.5 | 27 | 44.3 | 41.9 | 275 |
| 12.0 | 22 | 44.9 | 43.1 | 275 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 14.1 | 19 | 36.4 | 33.9 | 275 |
| 16.2 | 10 | 28.8 | 28.1 | 268 |
| 18.0 | 7 | 19.6 | 15.0 | 296 |
| 21.0 | 2 | 8.5 | 6.5 | 257 |
| 24.0 | 1 | 11.0 | 11.0 | 271 |
| 27.0 | 1 | 9.0 | 9.0 | 220 |
| | | POONA | | |
| | | 1730 hr. | | |
| 10.5 | 13 | 22.3 | 18.8 | 273 |
| 12.0 | 11 | 19.6 | 16.9 | 268 |
| 14.1 | 5 | 20.6 | 19.0 | 278 |
| | | PORT BLAIR | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 11.5 | 8.3 | 202 |
| 12.0 | 26 | 11.3 | 7.9 | 200 |
| 14.1 | 23 | 14.6 | 8.9 | 194 |
| 16.2 | 16 | 9.9 | 5.6 | 122 |
| 18.0 | 10 | 8.2 | 6.1 | 093 |
| 21.0 | 3 | 11.7 | 9.3 | 073 |
| 24.0 | 1 | 30.0 | 30.0 | 090 |
| | | 1130 hr. | | |
| 10.5 | 11 | 10.0 | 8.2 | 200 |
| 12.0 | 10 | 13.3 | 10.5 | 182 |
| 14.1 | 7 | 13.1 | 11.4 | 128 |
| 16.2 | 5 | 10.0 | 8.0 | 094 |
| 18.0 | 1 | 1.0 | 1.0 | 250 |
| 21.0 | 1 | 13.0 | 13.0 | 103 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 10.2 | 7.6 | 199 |
| 12.0 | 26 | 11.7 | 8.4 | 193 |
| 14.1 | 18 | 15.3 | 10.5 | 193 |
| 16.2 | 16 | 13.3 | 8.9 | 142 |
| 18.0 | 6 | 10.7 | 7.8 | 088 |
| 21.0 | 2 | 10.0 | 10.0 | 085 |
| 24.0 | 1 | 26.0 | 26.0 | 100 |
| | | RAIPUR | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 25.5 | 23.4 | 271 |
| 12.0 | 3 | 39.6 | 35.0 | 265 |
| | | 1730 hr. | | |
| 10.5 | 6 | 26.5 | 25.0 | 257 |
| | | SRINAGAR | | |
| | | 0530 hr.* | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

February 1966 (Magha 12 - Phalguna 9, 1887 Saka)

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 10.5 | 12 | 32.9 | 21.9 | 280 |
| 12.0 | 10 | 36.2 | 32.7 | 283 |
| 14.1 | 2 | 36.5 | 33.0 | 260 |
| | | 1730 hr.* | | |
| 10.5 | 16 | 43.1 | 38.3 | 271 |
| 12.0 | 13 | 42.7 | 37.2 | 269 |
| 14.1 | 4 | 49.7 | 49.0 | 269 |
| 16.2 | 2 | 29.5 | 29.0 | 269 |
| 18.0 | 1 | 8.0 | 8.0 | 300 |
| | | TIRUCHI-RAPPALLI | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 7.5 | 6.1 | 267 |
| 12.0 | 3 | 7.7 | 5.3 | 033 |
| 14.1 | 1 | 8.0 | 8.0 | 045 |
| | | 1730 hr. | | |
| 10.5 | 7 | 10.4 | 2.4 | 271 |
| 12.0 | 1 | 10.0 | 10.0 | 175 |
| 14.1 | 1 | 7.0 | 7.0 | 150 |
| | | TRIVANDRUM | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 9.5 | 3.6 | 241 |
| 12.0 | 27 | 10.3 | 5.1 | 334 |
| 14.1 | 25 | 10.4 | 5.0 | 186 |
| 16.2 | 24 | 10.8 | 2.8 | 077 |
| 18.0 | 20 | 8.9 | 4.3 | 053 |
| 21.0 | 9 | 18.4 | 16.1 | 087 |
| 24.0 | 2 | 25.0 | 24.8 | 091 |
| | | 1130 hr. | | |
| 10.5 | 4 | 7.3 | 2.2 | 213 |
| 12.0 | 4 | 12.0 | 3.8 | 179 |
| 14.1 | 4 | 13.3 | 6.7 | 158 |
| 16.2 | 4 | 24.7 | 16.8 | 149 |
| 18.0 | 3 | 16.7 | 5.9 | 169 |
| 21.0 | 2 | 13.5 | 13.4 | 109 |
| 24.0 | 1 | 11.0 | 11.0 | 110 |
| 27.0 | 1 | 29.0 | 29.0 | 103 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 10.0 | 3.3 | 202 |
| 12.0 | 27 | 8.0 | 2.6 | 201 |
| 14.1 | 23 | 11.6 | 6.9 | 153 |
| 16.2 | 20 | 10.7 | 3.8 | 250 |
| 18.0 | 17 | 10.5 | 6.0 | 094 |
| 21.0 | 10 | 16.2 | 13.9 | 085 |
| 24.0 | 1 | 22.0 | 22.0 | 090 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | UDAIPUR | | |
| | | 0530 hr. | | |
| 10.5 | 4 | 33.8 | 23.4 | 292 |
| 12.0 | 1 | 18.0 | 18.0 | 335 |
| 14.1 | 1 | 22.0 | 22.0 | 300 |
| 16.2 | 1 | 16.0 | 16.0 | 295 |
| | | 1730 hr.* | | |
| 10.5 | 1 | 11.0 | 11.0 | 320 |
| | | VERAVAL | | |
| | | 1730 hr. | | |
| 10.5 | 15 | 31.1 | 28.2 | 270 |
| 12.0 | 8 | 29.9 | 24.4 | 270 |
| 14.1 | 2 | 34.5 | 18.4 | 310 |
| 16.2 | 1 | 9.0 | 9.0 | 345 |
| 18.0 | 1 | 23.0 | 23.0 | 315 |
| | | VIJAYWADA/ GANNAVARAM | | |
| | | 0530 hr. | | |
| 10.5 | 11 | 16.2 | 14.1 | 261 |
| 12.0 | 5 | 14.8 | 13.0 | 275 |
| 14.1 | 3 | 11.7 | 9.5 | 249 |
| 16.2 | 3 | 6.3 | 5.7 | 238 |
| 18.0 | 2 | 9.0 | 7.1 | 001 |
| 21.0 | 2 | 4.5 | 4.5 | 032 |
| | | 1730 hr. | | |
| 10.5 | 7 | 29.7 | 16.5 | 266 |
| 12.0 | 3 | 18.0 | 13.3 | 270 |
| | | VISAKHAPATNAM | | |
| | | 0530 hr.* | | |
| 10.5 | 26 | 19.7 | 18.2 | 263 |
| 12.0 | 26 | 21.0 | 19.2 | 250 |
| 14.1 | 25 | 22.6 | 18.9 | 252 |
| 16.2 | 20 | 16.0 | 13.3 | 248 |
| 18.0 | 16 | 7.9 | 6.0 | 257 |
| 21.0 | 6 | 5.5 | 1.8 | 150 |
| 24.0 | 1 | 5.0 | 5.0 | 170 |
| | | 1130 hr. | | |
| 10.5 | 12 | 19.1 | 17.7 | 253 |
| 12.0 | 7 | 18.4 | 16.3 | 251 |
| 14.1 | 6 | 12.7 | 10.6 | 243 |
| 16.2 | 5 | 12.2 | 7.0 | 252 |
| 18.0 | 4 | 8.3 | 5.7 | 307 |
| 21.0 | 4 | 5.0 | 3.3 | 119 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 21.4 | 18.5 | 263 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 12.0 | 26 | 24.2 | 22.3 | 255 |
| 14.1 | 21 | 23.6 | 20.6 | 251 |
| 16.2 | 17 | 15.6 | 12.3 | 235 |
| 18.0 | 11 | 16.3 | 10.3 | 270 |
| 21.0 | 4 | 6.5 | 3.1 | 110 |
| 24.0 | 1 | 9.0 | 9.0 | 165 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 14 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I. M. D. Scientific Notes Nos. 112 and 113 ( Volume IX )

### List of Radiosonde Stations in India

| S.No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th July 1961 | 00 and 12 | |
| 2. | Allahabad/Bamhrauli | Clock type | 1st October 1964 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th March 1961 | 00 and 12 | |
| 4. | Bombay/Santa Cruz | Clock type | 7th September 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th December 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.47. |
| 6. | Gauhati | Clock type | 22nd July 1955 | 00 and 12 | |
| 7. | Madras/Minambakkam | Fan type | 29th June 1946 | 00 and 12 | |
| 8. | Minicoy | Fan type | 12th May 1963 | 12 | |
| 9. | Nagpur/Sonegaon | Fan type | 1st October 1946 | 00 and 12 | |
| 10. | New Delhi/Safdarjung | Clock type | 3rd December 1943 | 00 and 12 | |
| 11. | Port Blair | Fan type | 4th December 1949 | 00 and 12 | |
| 12. | Srinagar | Clock type | 1st August 1962 | 00 and 12 | |
| 13. | Trivandrum | Fan type | 1st July 1947 | 00 and 12 | |
| 14. | Vishakhapatnam | Fan type | 8th December 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMHRAULI ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 911 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00055 | 291.2 | 295 | 288 | 279.5 | 28 | 00098 | 287.4 | 292 | 281 | 283.5 | 28 | 00921 | 290.5 | 295 | 287 | 287.9 |
| 1000 | 28 | 00103 | 292.1 | 295 | 290 | 278.6 | 28 | 00105 | 287.5 | 292 | 283 | 282.6 | 28 | 00125 | | | | |
| 900 | 28 | 01020 | 294.1 | 297 | 290 | 273.4 | 28 | 01010 | 290.7 | 297 | 286 | 274.3 | 27 | 01030 | 291.0 | 294 | 289 | 286.3 |
| 850 | 28 | 01511 | 290.7 | 294 | 286 | 271.0 | 28 | 01496 | 288.0 | 294 | 283 | 271.0 | 27 | 01521 | 291.8 | 295 | 289 | 281.0 |
| 800 | 28 | 02026 | 287.2 | 292 | 283 | 267.4 | 28 | 02006 | 284.9 | 289 | 279 | 268.4 | 27 | 02039 | 288.7 | 292 | 286 | 277.5 |
| 700 | 28 | 03137 | 280.0 | 283 | 277 | 259.2 | 28 | 03111 | 278.0 | 282 | 275 | 261.8 | 27 | 03159 | 282.5 | 285 | 280 | 267.9 |
| 600 | 28 | 04388 | 273.0 | 278 | 268 | 247.2 | 28 | 04353 | 270.8 | 277 | 268 | 251.6 | 27 | 04411 | 276.4 | 279 | 272 | 259.5 |
| 500 | 28 | 05824 | 264.0 | 268 | 259 | | 28 | 05775 | 261.6 | 267 | 256 | | 27 | 05886 | 268.8 | 273 | 264 | |
| 400 | 28 | 07516 | 253.2 | 262 | 248 | | 28 | 07453 | 251.1 | 255 | 243 | | 27 | 07609 | 257.8 | 260 | 255 | |
| 300 | 28 | 09602 | 240.0 | 248 | 232 | | 27 | 09522 | 239.0 | 246 | 229 | | 27 | 09724 | 244.4 | 247 | 239 | |
| 250 | 28 | 10863 | 231.9 | 241 | 224 | | 27 | 10778 | 231.0 | 238 | 220 | | 27 | 10999 | 233.8 | 239 | 230 | |
| 200 | 28 | 12346 | 222.7 | 232 | 217 | | 26 | 12276 | 223.8 | 231 | 217 | | 27 | 12496 | 223.2 | 230 | 219 | |
| 175 | 26 | 13211 | 217.1 | 227 | 210 | | 26 | 13147 | 220.0 | 232 | 215 | | 22 | 13357 | 218.3 | 225 | 214 | |
| 150 | 25 | 14182 | 212.0 | 223 | 206 | | 24 | 14167 | 214.7 | 220 | 207 | | 21 | 14340 | 212.5 | 219 | 206 | |
| 125 | 25 | 15302 | 206.8 | 217 | 201 | | 22 | 15281 | 208.9 | 214 | 200 | | 19 | 15446 | 206.0 | 211 | 198 | |
| 100 | 15 | 16681 | 203.4 | 211 | 198 | | 16 | 16624 | 203.2 | 210 | 194 | | 16 | 16795 | 199.9 | 206 | 195 | |
| 80 | 09 | 17986 | 201.8 | 209 | 197 | | 12 | 17966 | 203.4 | 208 | 198 | | 15 | 18102 | 201.9 | 209 | 197 | |
| 70 | 06 | 18777 | 204.0 | 208 | 200 | | 08 | 18736 | 204.0 | 213 | 199 | | 14 | 18887 | 204.3 | 211 | 199 | |
| 60 | 05 | 19695 | 208.4 | 213 | 203 | | | | | | | | 11 | 19783 | 207.3 | 215 | 201 | |
| 50 | | | | | | | | | | | | | 08 | 20889 | 211.0 | 218 | 204 | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1009 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUMDUM ( 1012 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00013 | 292.8 | 297 | 290 | 286.4 | 28 | 00006 | 290.1 | 297 | 285 | 289.2 | 28 | 00049 | 286.8 | 291 | 283 | 285.7 |
| 1000 | 28 | 00096 | 295.1 | 302 | 292 | 286.7 | 28 | 00105 | 291.7 | 297 | 287 | 288.5 | 28 | 00111 | 287.9 | 291 | 284 | 284.6 |
| 900 | 28 | 01019 | 295.6 | 300 | 289 | 280.6 | 28 | 01014 | 291.3 | 299 | 286 | 280.9 | 28 | 01014 | 289.7 | 295 | 287 | 279.3 |
| 850 | 28 | 01515 | 292.4 | 297 | 287 | 278.2 | 28 | 01501 | 288.3 | 294 | 283 | 277.5 | 28 | 01499 | 286.8 | 290 | 282 | 275.5 |
| 800 | 28 | 02038 | 288.9 | 297 | 283 | 275.8 | 28 | 02012 | 285.3 | 289 | 280 | 273.5 | 28 | 02008 | 283.4 | 287 | 279 | 272.6 |
| 700 | 28 | 03153 | 281.6 | 287 | 276 | 268.1 | 28 | 03120 | 279.5 | 285 | 277 | 266.2 | 28 | 03107 | 277.3 | 283 | 274 | 262.0 |
| 600 | 28 | 04419 | 275.4 | 280 | 267 | 262.6 | 28 | 04372 | 272.2 | 277 | 268 | 255.9 | 28 | 04343 | 271.8 | 277 | 268 | 254.8 |
| 500 | 28 | 05867 | 266.2 | 271 | 258 | | 28 | 05811 | 264.4 | 269 | 257 | | 28 | 05782 | 262.6 | 269 | 259 | |
| 400 | 28 | 07551 | 255.1 | 261 | 247 | | 28 | 07508 | 253.4 | 260 | 248 | | 28 | 07469 | 252.6 | 262 | 245 | |
| 300 | 28 | 09662 | 240.8 | 248 | 233 | | 28 | 09594 | 241.1 | 247 | 234 | | 28 | 09549 | 240.1 | 247 | 231 | |
| 250 | 28 | 10969 | 233.1 | 239 | 223 | | 28 | 10862 | 233.6 | 241 | 227 | | 28 | 10815 | 236.4 | 240 | 223 | |
| 200 | 27 | 12356 | 222.9 | 229 | 217 | | 26 | 12366 | 224.2 | 230 | 218 | | 26 | 12305 | 225.6 | 230 | 214 | |
| 175 | 25 | 13291 | 217.1 | 223 | 212 | | 24 | 13236 | 218.7 | 226 | 211 | | 25 | 13182 | 221.6 | 225 | 211 | |
| 150 | 24 | 14268 | 212.5 | 219 | 205 | | 24 | 14210 | 213.1 | 221 | 204 | | 25 | 14171 | 216.9 | 222 | 209 | |
| 125 | 23 | 15389 | 207.2 | 213 | 200 | | 23 | 15319 | 210.2 | 215 | 199 | | 24 | 15308 | 211.1 | 217 | 205 | |
| 100 | 22 | 16720 | 202.0 | 213 | 192 | | 23 | 16677 | 202.1 | 212 | 195 | | 18 | 16708 | 206.4 | 213 | 197 | |
| 80 | 19 | 18019 | 200.5 | 205 | 195 | | 19 | 18006 | 199.5 | 209 | 193 | | 11 | 18012 | 202.7 | 212 | 197 | |
| 70 | 16 | 18763 | 201.9 | 210 | 195 | | 16 | 18751 | 202.8 | 211 | 194 | | 07 | 18789 | 204.3 | 209 | 201 | |
| 60 | 13 | 19713 | 204.0 | 212 | 197 | | 14 | 19736 | 204.5 | 219 | 196 | | 06 | 19693 | 208.2 | 213 | 204 | |
| 50 | 13 | 20824 | 207.7 | 217 | 200 | | 10 | 20808 | 209.8 | 218 | 203 | | | | | | | |
| 40 | 10 | 22176 | 211.9 | 218 | 205 | | 06 | 22264 | 217.5 | 224 | 213 | | | | | | | |
| 30 | 08 | 23884 | 218.3 | 226 | 209 | | 05 | 24116 | 221.4 | 226 | 217 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1010 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 997 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 989 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00015 | 295.0 | 297 | 291 | 294.1 | 28 | 00311 | 290.0 | 296 | 285 | 278.8 | 28 | 00209 | 286.9 | 292 | 281 | 282.9 |
| 1000 | 28 | 00105 | 295.4 | 297 | 292 | 293.6 | 28 | 00107 | | | | | 28 | 00112 | | | | |
| 900 | 28 | 01026 | 293.3 | 298 | 289 | 282.0 | 28 | 01017 | 295.0 | 299 | 292 | 279.7 | 28 | 01010 | 289.9 | 295 | 284 | 275.2 |
| 850 | 28 | 01513 | 291.6 | 297 | 289 | 277.0 | 28 | 01510 | 291.6 | 295 | 287 | 278.6 | 28 | 01495 | 287.1 | 293 | 280 | 272.6 |
| 800 | 28 | 02031 | 287.1 | 292 | 285 | 274.2 | 28 | 02027 | 287.2 | 291 | 284 | 276.6 | 28 | 02004 | 283.7 | 289 | 278 | 270.0 |
| 700 | 28 | 03151 | 282.6 | 285 | 278 | 270.0 | 28 | 03141 | 279.4 | 282 | 277 | 271.5 | 28 | 03103 | 276.5 | 282 | 270 | 263.3 |
| 600 | 28 | 04416 | 276.7 | 279 | 274 | 265.2 | 28 | 04394 | 273.9 | 276 | 270 | 262.7 | 28 | 04335 | 268.9 | 275 | 263 | |
| 500 | 28 | 05875 | 268.4 | 271 | 265 | | 28 | 05837 | 265.3 | 269 | 261 | | 28 | 05746 | 259.8 | 267 | 254 | |
| 400 | 28 | 07596 | 257.1 | 261 | 253 | | 27 | 07541 | 253.6 | 261 | 247 | | 28 | 07412 | 248.7 | 256 | 243 | |
| 300 | 28 | 09708 | 242.4 | 247 | 237 | | 26 | 09622 | 239.9 | 252 | 233 | | 28 | 09456 | 235.7 | 244 | 230 | |
| 250 | 26 | 10980 | 233.7 | 239 | 228 | | 26 | 10887 | 232.7 | 243 | 225 | | 28 | 10627 | 229.6 | 237 | 223 | |
| 200 | 26 | 12475 | 222.4 | 230 | 216 | | 26 | 12379 | 222.9 | 231 | 216 | | 28 | 12178 | 222.8 | 229 | 217 | |
| 175 | 24 | 13317 | 216.7 | 222 | 208 | | 25 | 13232 | 217.4 | 226 | 213 | | 28 | 13043 | 219.6 | 225 | 215 | |
| 150 | 24 | 14239 | 210.7 | 217 | 200 | | 25 | 14205 | 212.2 | 221 | 206 | | 27 | 14032 | 215.6 | 221 | 209 | |
| 125 | 18 | 15391 | 204.5 | 209 | 192 | | 22 | 15301 | 207.2 | 215 | 200 | | 26 | 15174 | 211.8 | 218 | 204 | |
| 100 | 17 | 16729 | 198.8 | 205 | 186 | | 20 | 16653 | 201.8 | 211 | 194 | | 19 | 16578 | 207.5 | 213 | 202 | |
| 80 | 11 | 18040 | 198.5 | 208 | 189 | | 15 | 17980 | 202.2 | 210 | 191 | | 12 | 17941 | 207.3 | 214 | 203 | |
| 70 | 10 | 18828 | 200.7 | 212 | 191 | | 12 | 18796 | 204.0 | 212 | 190 | | 11 | 18755 | 208.3 | 216 | 204 | |
| 60 | 09 | 19787 | 204.7 | 215 | 195 | | 09 | 19733 | 208.1 | 215 | 198 | | 06 | 19704 | 211.3 | 221 | 206 | |
| 50 | 07 | 20889 | 210.6 | 219 | 201 | | 09 | 20817 | 210.6 | 218 | 205 | | | | | | | |
| 40 | | | | | | | 08 | 22232 | 214.9 | 219 | 208 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 1002 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | SRINAGAR ( 844 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00079 | 297.4 | 300 | 294 | 295.3 | 25 | 01588 | 274.7 | 280 | 271 | 274.5 | 28 | 00064 | 298.6 | 301 | 297 | 295.0 |
| 1000 | 28 | 00094 | 297.3 | 300 | 294 | 295.1 | 16 | 00204 | | | | | 28 | 00088 | 298.6 | 301 | 297 | 294.6 |
| 900 | 28 | 01015 | 294.0 | 297 | 291 | 288.2 | 16 | 01073 | | | | | 28 | 01012 | 293.9 | 296 | 292 | 288.0 |
| 850 | 28 | 01509 | 291.3 | 296 | 288 | 285.4 | 16 | 01538 | | | | | 28 | 01505 | 291.3 | 295 | 289 | 283.9 |
| 800 | 28 | 02029 | 288.6 | 291 | 285 | 282.0 | 16 | 02026 | 274.3 | 279 | 272 | 272.4 | 28 | 02024 | 288.7 | 292 | 285 | 279.9 |
| 700 | 28 | 03150 | 282.8 | 285 | 279 | 274.1 | 16 | 03093 | 269.4 | 275 | 267 | 270.5 | 28 | 03146 | 282.7 | 285 | 279 | 282.7 |
| 600 | 28 | 04415 | 275.8 | 279 | 272 | 267.3 | 16 | 04301 | 264.3 | 269 | 260 | | 28 | 04413 | 277.1 | 282 | 274 | 264.5 |
| 500 | 27 | 05869 | 267.3 | 272 | 261 | | 16 | 05692 | 255.3 | 260 | 251 | | 28 | 05875 | 268.0 | 273 | 265 | |
| 400 | 27 | 07587 | 256.6 | 260 | 252 | | 16 | 07326 | 244.2 | 248 | 240 | | 28 | 07599 | 257.9 | 262 | 251 | |
| 300 | 27 | 09692 | 243.0 | 247 | 239 | | 16 | 09326 | 229.8 | 236 | 226 | | 28 | 09717 | 243.3 | 247 | 240 | |
| 250 | 27 | 10965 | 233.5 | 238 | 228 | | 15 | 10534 | 222.5 | 229 | 215 | | 28 | 10992 | 233.7 | 237 | 230 | |
| 200 | 27 | 12457 | 222.3 | 230 | 217 | | 15 | 11977 | 219.3 | 226 | 213 | | 28 | 12483 | 221.7 | 227 | 218 | |
| 175 | 25 | 13300 | 216.1 | 222 | 210 | | 14 | 12843 | 219.0 | 223 | 210 | | 28 | 13329 | 215.7 | 221 | 211 | |
| 150 | 24 | 14281 | 210.3 | 216 | 203 | | 12 | 13812 | 218.3 | 223 | 214 | | 28 | 14316 | 209.4 | 215 | 203 | |
| 125 | 19 | 15406 | 203.8 | 212 | 195 | | 12 | 14972 | 216.0 | 222 | 210 | | 28 | 15375 | 203.3 | 209 | 196 | |
| 100 | 17 | 16704 | 197.5 | 204 | 192 | | 11 | 16360 | 213.5 | 217 | 209 | | 26 | 16719 | 198.4 | 205 | 191 | |
| 80 | 11 | 17953 | 195.7 | 200 | 192 | | 10 | 17753 | 213.0 | 215 | 210 | | 22 | 18020 | 204.2 | 209 | 195 | |
| 70 | 08 | 18794 | 199.0 | 202 | 194 | | 09 | 18595 | 214.0 | 216 | 212 | | 20 | 18812 | 201.3 | 210 | 194 | |
| 60 | 07 | 19675 | 202.1 | 206 | 198 | | 06 | 19542 | 214.0 | 216 | 210 | | 16 | 19723 | 204.4 | 211 | 199 | |
| 50 | 05 | 20799 | 209.2 | 215 | 205 | | 05 | 20724 | 218.4 | 223 | 215 | | 14 | 20828 | 208.7 | 215 | 201 | |
| 40 | | | | | | | | | | | | | 08 | 22223 | 213.5 | 218 | 207 | |
| 30 | | | | | | | | | | | | | 06 | 24051 | 217.7 | 222 | 215 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | VISHAKHAPATNAM SURFACE PR ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00041 | 295.0 | 298 | 292 | 292.3 | | | | | | | | | | | | |
| 1000 | 27 | 00110 | 295.1 | 297 | 293 | 291.3 | | | | | | | | | | | | |
| 900 | 27 | 01028 | 293.0 | 297 | 288 | 281.9 | | | | | | | | | | | | |
| 850 | 27 | 01516 | 290.4 | 294 | 286 | 278.8 | | | | | | | | | | | | |
| 800 | 27 | 02032 | 287.4 | 290 | 284 | 271.6 | | | | | | | | | | | | |
| 700 | 27 | 03149 | 281.4 | 285 | 276 | 267.7 | | | | | | | | | | | | |
| 600 | 27 | 04411 | 275.2 | 279 | 273 | 260.0 | | | | | | | | | | | | |
| 500 | 27 | 05860 | 266.3 | 271 | 263 | | | | | | | | | | | | | |
| 400 | 27 | 07572 | 256.3 | 261 | 251 | | | | | | | | | | | | | |
| 300 | 26 | 09681 | 241.8 | 247 | 237 | | | | | | | | | | | | | |
| 250 | 26 | 10950 | 233.0 | 239 | 226 | | | | | | | | | | | | | |
| 200 | 26 | 12440 | 222.5 | 229 | 214 | | | | | | | | | | | | | |
| 175 | 26 | 13296 | 217.6 | 224 | 208 | | | | | | | | | | | | | |
| 150 | 26 | 14273 | 212.5 | 219 | 203 | | | | | | | | | | | | | |
| 125 | 25 | 15377 | 207.1 | 213 | 197 | | | | | | | | | | | | | |
| 100 | 23 | 16717 | 202.2 | 207 | 196 | | | | | | | | | | | | | |
| 80 | 20 | 18037 | 202.1 | 210 | 195 | | | | | | | | | | | | | |
| 70 | 17 | 18881 | 204.1 | 213 | 197 | | | | | | | | | | | | | |
| 60 | 16 | 19790 | 207.2 | 214 | 200 | | | | | | | | | | | | | |
| 50 | 13 | 20857 | 209.8 | 217 | 202 | | | | | | | | | | | | | |
| 40 | 06 | 22181 | 211.5 | 215 | 207 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 12 HRS G.M.T.

FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 1004 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMHRAULI ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 909 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00055 | 305.9 | 309 | 303 | 280.0 | 28 | 00098 | 302.1 | 307 | 295 | 284.0 | 28 | 00921 | 302.0 | 305 | 299 | 283.1 |
| 1000 | 28 | 00093 | 305.7 | 308 | 303 | 279.3 | 27 | 00097 | 301.5 | 304 | 299 | 282.3 | 28 | 00075 | | | | |
| 900 | 28 | 01023 | 296.3 | 301 | 291 | 274.3 | 27 | 01023 | 294.0 | 298 | 288 | 274.3 | 28 | 01013 | 301.2 | 304 | 297 | 282.0 |
| 850 | 28 | 01518 | 291.7 | 297 | 287 | 271.1 | 27 | 01503 | 290.3 | 295 | 285 | 269.9 | 28 | 01517 | 297.1 | 301 | 293 | 280.0 |
| 800 | 28 | 02034 | 287.4 | 292 | 283 | 267.8 | 27 | 02020 | 284.7 | 291 | 280 | 271.9 | 28 | 02042 | 293.0 | 295 | 287 | 279.1 |
| 700 | 28 | 03145 | 280.1 | 284 | 276 | 258.7 | 27 | 03135 | 280.0 | 284 | 276 | 260.0 | 28 | 03171 | 283.3 | 287 | 281 | 273.5 |
| 600 | 26 | 04397 | 273.1 | 276 | 268 | 251.3 | 27 | 04384 | 272.9 | 278 | 268 | 253.4 | 28 | 04439 | 277.1 | 281 | 274 | 262.6 |
| 500 | 26 | 05834 | 264.2 | 269 | 258 | | 27 | 05826 | 264.0 | 269 | 259 | | 28 | 05902 | 269.2 | 275 | 267 | |
| 400 | 26 | 07549 | 253.3 | 261 | 246 | | 27 | 07515 | 253.0 | 258 | 248 | | 28 | 07625 | 255.8 | 264 | 251 | |
| 300 | 25 | 09615 | 240.2 | 252 | 232 | | 27 | 09598 | 240.7 | 248 | 233 | | 28 | 09744 | 242.9 | 247 | 240 | |
| 250 | 25 | 10877 | 231.8 | 242 | 222 | | 27 | 10862 | 233.5 | 243 | 226 | | 28 | 11018 | 234.1 | 237 | 230 | |
| 200 | 24 | 12380 | 223.7 | 233 | 216 | | 26 | 12356 | 226.2 | 234 | 219 | | 28 | 12513 | 222.3 | 227 | 218 | |
| 175 | 19 | 13241 | 218.3 | 225 | 214 | | 26 | 13235 | 221.6 | 229 | 214 | | 20 | 13370 | 217.2 | 222 | 212 | |
| 150 | 18 | 14201 | 212.6 | 220 | 206 | | 23 | 14216 | 216.7 | 225 | 211 | | 19 | 14349 | 211.6 | 217 | 206 | |
| 125 | 15 | 15324 | 207.6 | 213 | 202 | | 23 | 15394 | 211.9 | 220 | 204 | | 17 | 15503 | 206.0 | 210 | 202 | |
| 100 | 15 | 16666 | 202.6 | 206 | 196 | | 20 | 16719 | 207.1 | 213 | 200 | | 16 | 16797 | 199.5 | 204 | 195 | |
| 80 | 12 | 17963 | 201.7 | 205 | 195 | | 13 | 18134 | 206.3 | 215 | 201 | | 12 | 18148 | 201.8 | 207 | 198 | |
| 70 | 11 | 18772 | 204.2 | 208 | 200 | | 10 | 18922 | 207.7 | 219 | 200 | | 09 | 18917 | 203.6 | 209 | 201 | |
| 60 | 10 | 19697 | 206.6 | 211 | 203 | | 06 | 19839 | 209.5 | 217 | 201 | | 10 | 19843 | 206.4 | 212 | 203 | |
| 50 | 07 | 20798 | 208.0 | 210 | 205 | | | | | | | | 08 | 20919 | 208.5 | 211 | 206 | |
| 40 | 05 | 22174 | 212.4 | 217 | 207 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUMDUM ( 1010 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1005 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00013 | 302.7 | 306 | 298 | 290.5 | 28 | 00006 | 301.2 | 304 | 297 | 281.8 | 28 | 00049 | 297.3 | 302 | 293 | 288.4 |
| 1000 | 28 | 00087 | 302.3 | 305 | 297 | 289.9 | 28 | 00091 | 301.3 | 305 | 297 | 290.3 | 28 | 00091 | 297.3 | 302 | 292 | 287.0 |
| 900 | 28 | 01017 | 297.3 | 301 | 291 | 281.7 | 28 | 01019 | 295.7 | 300 | 291 | 284.0 | 28 | 01006 | 292.4 | 300 | 288 | 278.9 |
| 850 | 28 | 01515 | 294.2 | 298 | 290 | 279.3 | 28 | 01514 | 292.0 | 296 | 288 | 280.6 | 28 | 01494 | 288.4 | 295 | 285 | 276.4 |
| 800 | 28 | 02036 | 290.1 | 295 | 286 | 277.5 | 28 | 02032 | 289.4 | 293 | 285 | 276.5 | 28 | 02007 | 284.9 | 291 | 282 | 274.1 |
| 700 | 28 | 03159 | 282.3 | 285 | 279 | 270.0 | 28 | 03156 | 283.3 | 288 | 277 | 267.8 | 28 | 03111 | 278.4 | 284 | 274 | 261.9 |
| 600 | 28 | 04424 | 276.5 | 279 | 272 | 264.3 | 28 | 04423 | 276.2 | 283 | 271 | 259.6 | 28 | 04356 | 271.8 | 276 | 266 | |
| 500 | 28 | 05881 | 267.4 | 272 | 263 | | 28 | 05875 | 267.6 | 274 | 263 | | 28 | 05790 | 264.0 | 270 | 260 | |
| 400 | 28 | 07593 | 256.1 | 263 | 249 | | 28 | 07595 | 257.2 | 263 | 251 | | 28 | 07480 | 253.1 | 258 | 248 | |
| 300 | 28 | 09673 | 242.7 | 247 | 236 | | 28 | 09715 | 244.3 | 250 | 236 | | 28 | 09561 | 240.7 | 247 | 230 | |
| 250 | 27 | 10974 | 234.5 | 239 | 226 | | 28 | 11003 | 237.0 | 242 | 230 | | 28 | 10828 | 233.8 | 241 | 222 | |
| 200 | 27 | 12471 | 223.4 | 231 | 217 | | 28 | 12525 | 228.0 | 234 | 220 | | 28 | 12331 | 225.3 | 232 | 218 | |
| 175 | 27 | 13336 | 218.4 | 225 | 212 | | 28 | 13416 | 222.6 | 228 | 214 | | 28 | 13202 | 220.5 | 227 | 215 | |
| 150 | 26 | 14309 | 212.7 | 223 | 205 | | 27 | 14396 | 216.8 | 224 | 209 | | 27 | 14193 | 216.1 | 227 | 209 | |
| 125 | 24 | 15433 | 207.3 | 215 | 200 | | 27 | 15530 | 211.0 | 219 | 201 | | 21 | 15328 | 210.9 | 222 | 204 | |
| 100 | 20 | 16755 | 203.1 | 215 | 197 | | 26 | 16902 | 205.3 | 215 | 198 | | 15 | 16708 | 204.7 | 213 | 199 | |
| 80 | 18 | 18080 | 203.0 | 213 | 197 | | 16 | 18278 | 204.4 | 213 | 197 | | 07 | 18046 | 202.4 | 210 | 195 | |
| 70 | 15 | 18868 | 204.6 | 213 | 200 | | 13 | 19073 | 204.5 | 213 | 198 | | 05 | 18831 | 201.6 | 208 | 195 | |
| 60 | 11 | 19860 | 208.0 | 215 | 203 | | 11 | 19996 | 206.0 | 212 | 199 | | | | | | | |
| 50 | 10 | 20983 | 211.9 | 217 | 205 | | 09 | 21124 | 210.7 | 216 | 203 | | | | | | | |
| 40 | 10 | 22377 | 217.0 | 228 | 208 | | 06 | 22557 | 214.5 | 219 | 210 | | | | | | | |
| 30 | 07 | 24230 | 220.6 | 227 | 211 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1009 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | MINICOY ( 1005 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 975 MB) NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 00015 | 300.7 | 303 | 299 | 294.3 | 28 | 00002 | 302.0 | 303 | 300 | 296.5 | 28 | 00311 | 305.7 | 309 | 302 | 282.7 |
| 1000 | 28 | 00096 | 300.0 | 303 | 297 | 294.2 | 28 | 00082 | 301.1 | 303 | 299 | 295.8 | 28 | 00081 | | | | |
| 900 | 28 | 01018 | 294.7 | 297 | 291 | 283.0 | 28 | 01008 | 294.3 | 297 | 292 | 288.9 | 28 | 01020 | 298.5 | 303 | 295 | 281.4 |
| 850 | 28 | 01512 | 291.9 | 295 | 284 | 279.2 | 28 | 01501 | 291.7 | 294 | 289 | 284.6 | 28 | 01518 | 294.1 | 299 | 290 | 280.0 |
| 800 | 28 | 02031 | 288.9 | 291 | 285 | 275.1 | 28 | 02020 | 288.7 | 291 | 286 | 281.2 | 28 | 02039 | 289.8 | 294 | 285 | 277.6 |
| 700 | 28 | 03153 | 283.1 | 287 | 280 | 270.5 | 28 | 03142 | 283.1 | 286 | 280 | 273.5 | 28 | 03160 | 281.3 | 286 | 277 | 272.0 |
| 600 | 28 | 04422 | 277.4 | 281 | 275 | 263.0 | 28 | 04410 | 277.5 | 280 | 275 | 267.6 | 28 | 04418 | 274.3 | 278 | 269 | 261.7 |
| 500 | 28 | 05883 | 268.6 | 275 | 265 | | 28 | 05871 | 269.0 | 272 | 265 | | 28 | 05864 | 266.2 | 271 | 262 | |
| 400 | 28 | 07605 | 257.5 | 263 | 252 | | 28 | 07593 | 257.6 | 262 | 252 | | 28 | 07564 | 255.0 | 259 | 249 | |
| 300 | 28 | 09715 | 242.7 | 247 | 238 | | 25 | 09702 | 241.9 | 248 | 235 | | 28 | 09662 | 241.0 | 247 | 234 | |
| 250 | 26 | 10995 | 234.5 | 241 | 229 | | 25 | 10973 | 233.4 | 237 | 229 | | 28 | 10934 | 230.4 | 239 | 225 | |
| 200 | 26 | 12491 | 223.5 | 229 | 217 | | 25 | 12461 | 222.0 | 227 | 217 | | 28 | 12423 | 223.1 | 231 | 216 | |
| 175 | 25 | 13345 | 218.0 | 224 | 209 | | 25 | 13306 | 216.0 | 222 | 210 | | 26 | 13291 | 217.9 | 227 | 213 | |
| 150 | 25 | 14321 | 211.7 | 219 | 201 | | 25 | 14279 | 210.0 | 217 | 205 | | 25 | 14261 | 214.0 | 218 | 207 | |
| 125 | 22 | 15431 | 205.5 | 212 | 197 | | 23 | 15371 | 204.3 | 213 | 199 | | 21 | 15301 | 207.9 | 219 | 203 | |
| 100 | 20 | 16739 | 199.7 | 206 | 193 | | 20 | 16716 | 199.1 | 206 | 191 | | 20 | 16723 | 202.7 | 211 | 195 | |
| 80 | 12 | 18076 | 200.2 | 208 | 196 | | 14 | 18026 | 200.4 | 204 | 193 | | 15 | 18018 | 201.7 | 209 | 193 | |
| 70 | 10 | 18863 | 200.9 | 207 | 197 | | 13 | 18844 | 201.4 | 205 | 194 | | 12 | 18796 | 201.6 | 211 | 194 | |
| 60 | 09 | 19808 | 203.6 | 212 | 199 | | 12 | 19768 | 203.9 | 210 | 195 | | 11 | 19726 | 209.1 | 213 | 194 | |
| 50 | 06 | 20969 | 207.8 | 215 | 203 | | 11 | 20856 | 205.8 | 212 | 201 | | 08 | 20824 | 208.0 | 217 | 198 | |
| 40 | | | | | | | 07 | 22125 | 206.4 | 213 | 204 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

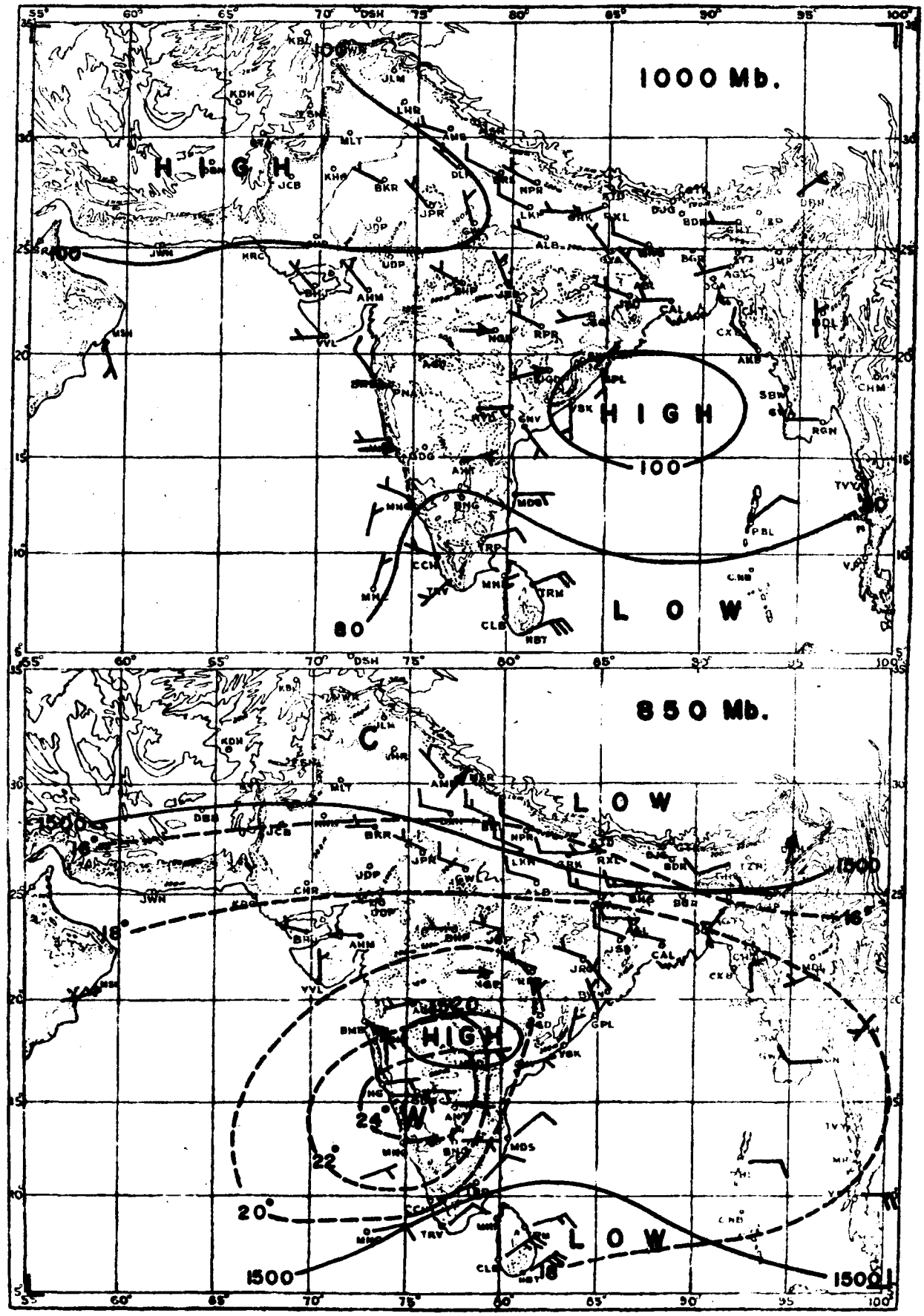
RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
FEBRUARY 1966. (MAGHA 12 - PHALGUNA 9, 1887 SAKA)

| STANDARD PRESSURE SURFACE MB | NEW DELHI/SAFDARJUNG SURFACE PR ( 989 MB) | | | | | | PORT BLAIR ( 1001 MB) | | | | | | SRINAGAR ( 843 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 28 | 00209 | 297.5 | 301 | 291 | 284.1 | 28 | 00079 | 300.6 | 302 | 299 | 295.5 | 27 | 01588 | 280.0 | 287 | 273 | 277.0 |
| 1000 | 28 | 00101 | | | | | 27 | 00088 | 300.6 | 302 | 299 | 295.9 | 21 | 00169 | | | | |
| 900 | 28 | 01012 | 291.7 | 295 | 287 | 275.6 | 27 | 01010 | 294.1 | 297 | 291 | 289.2 | 21 | 01058 | | | | |
| 850 | 28 | 01499 | 288.6 | 293 | 283 | 270.8 | 27 | 01504 | 291.6 | 294 | 290 | 286.3 | 21 | 01527 | | | | |
| 800 | 28 | 02010 | 285.2 | 290 | 280 | 266.3 | 27 | 02022 | 289.2 | 292 | 287 | 282.0 | 21 | 02024 | 276.0 | 285 | 267 | 273.0 |
| 700 | 28 | 03113 | 277.8 | 283 | 271 | 262.1 | 27 | 03146 | 283.7 | 286 | 280 | 273.4 | 21 | 03095 | 271.4 | 278 | 267 | 267.0 |
| 600 | 28 | 04350 | 269.7 | 275 | 265 | | 27 | 04415 | 276.7 | 279 | 274 | 267.7 | 21 | 04308 | 264.0 | 270 | 258 | |
| 500 | 28 | 05761 | 260.6 | 265 | 255 | | 27 | 05874 | 268.9 | 273 | 265 | | 21 | 05694 | 255.1 | 260 | 249 | |
| 400 | 28 | 07437 | 248.7 | 253 | 241 | | 27 | 07599 | 257.9 | 263 | 251 | | 20 | 07334 | 245.0 | 249 | 237 | |
| 300 | 28 | 09480 | 236.0 | 243 | 229 | | 27 | 09712 | 243.5 | 247 | 237 | | 20 | 09342 | 231.0 | 235 | 223 | |
| 250 | 28 | 10724 | 229.6 | 241 | 222 | | 26 | 10990 | 233.9 | 240 | 227 | | 20 | 10556 | 224.0 | 229 | 217 | |
| 200 | 28 | 12206 | 223.4 | 234 | 215 | | 26 | 12482 | 222.3 | 230 | 215 | | 20 | 11966 | 221.0 | 228 | 213 | |
| 175 | 28 | 13073 | 220.1 | 227 | 213 | | 23 | 13339 | 216.2 | 223 | 210 | | 19 | 12881 | 220.0 | 228 | 213 | |
| 150 | 28 | 14058 | 216.0 | 222 | 209 | | 22 | 14335 | 209.8 | 215 | 203 | | 18 | 13874 | 220.0 | 227 | 212 | |
| 125 | 26 | 15190 | 211.0 | 216 | 205 | | 21 | 15381 | 202.8 | 207 | 194 | | 18 | 15043 | 219.0 | 227 | 211 | |
| 100 | 22 | 16559 | 207.5 | 215 | 197 | | 16 | 16706 | 197.7 | 201 | 193 | | 16 | 16466 | 216.0 | 220 | 211 | |
| 80 | 13 | 17923 | 206.6 | 211 | 198 | | 08 | 17950 | 198.0 | 205 | 195 | | 11 | 17853 | 214.0 | 220 | 207 | |
| 70 | 09 | 18691 | 207.8 | 213 | 197 | | 08 | 18739 | 200.6 | 206 | 197 | | 11 | 18686 | 214.0 | 221 | 209 | |
| 60 | 05 | 19674 | 208.6 | 213 | 199 | | | | | | | | 07 | 19656 | 214.0 | 217 | 211 | |
| 50 | | | | | | | | | | | | | 06 | 20831 | 217.0 | 219 | 215 | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | TRIVANDRUM SURFACE PR ( 1001 MB) | | | | | | VISHAKHAPATNAM ( 1007 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE °A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 28 | 00064 | 303.3 | 304 | 302 | 295.7 | 28 | 00041 | 299.8 | 301 | 298 | 294.2 | | | | | | |
| 1000 | 28 | 00074 | 303.1 | 304 | 302 | 295.7 | 28 | 00101 | 299.2 | 302 | 297 | 292.9 | | | | | | |
| 900 | 28 | 01004 | 295.3 | 297 | 293 | 293.2 | 27 | 01022 | 294.7 | 298 | 290 | 281.7 | | | | | | |
| 850 | 28 | 01499 | 292.7 | 295 | 289 | 287.4 | 27 | 01516 | 291.7 | 295 | 288 | 278.2 | | | | | | |
| 800 | 28 | 02023 | 289.1 | 293 | 284 | 283.5 | 27 | 02034 | 288.4 | 292 | 285 | 276.4 | | | | | | |
| 700 | 28 | 03145 | 285.0 | 287 | 280 | 274.3 | 27 | 03153 | 282.0 | 287 | 278 | 269.8 | | | | | | |
| 600 | 28 | 04415 | 277.6 | 281 | 273 | 256.0 | 26 | 04416 | 275.2 | 281 | 271 | 251.9 | | | | | | |
| 500 | 28 | 05882 | 269.7 | 273 | 265 | | 27 | 05868 | 266.5 | 272 | 263 | | | | | | | |
| 400 | 28 | 07620 | 258.7 | 265 | 253 | | 27 | 07582 | 256.3 | 261 | 250 | | | | | | | |
| 300 | 28 | 09733 | 243.4 | 251 | 237 | | 27 | 09681 | 242.2 | 247 | 237 | | | | | | | |
| 250 | 27 | 11003 | 233.8 | 239 | 228 | | 27 | 10960 | 233.6 | 239 | 227 | | | | | | | |
| 200 | 27 | 12495 | 221.9 | 227 | 217 | | 27 | 12457 | 223.6 | 229 | 216 | | | | | | | |
| 175 | 23 | 13333 | 215.8 | 221 | 209 | | 25 | 13307 | 218.3 | 223 | 215 | | | | | | | |
| 150 | 23 | 14305 | 209.0 | 216 | 201 | | 25 | 14287 | 212.9 | 220 | 203 | | | | | | | |
| 125 | 22 | 15403 | 202.3 | 209 | 195 | | 24 | 15382 | 207.7 | 213 | 198 | | | | | | | |
| 100 | 22 | 16705 | 197.0 | 203 | 191 | | 23 | 16745 | 202.4 | 207 | 191 | | | | | | | |
| 80 | 19 | 18012 | 199.5 | 207 | 191 | | 17 | 18060 | 201.1 | 207 | 192 | | | | | | | |
| 70 | 17 | 18790 | 201.5 | 211 | 195 | | 14 | 18863 | 203.4 | 208 | 197 | | | | | | | |
| 60 | 14 | 19722 | 205.8 | 219 | 199 | | 14 | 19787 | 206.3 | 213 | 199 | | | | | | | |
| 50 | 12 | 20804 | 208.7 | 220 | 202 | | 10 | 20785 | 207.6 | 214 | 203 | | | | | | | |
| 40 | 08 | 22174 | 211.7 | 215 | 205 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I.Met.D.* **FEBRUARY 1966** *Plate* I

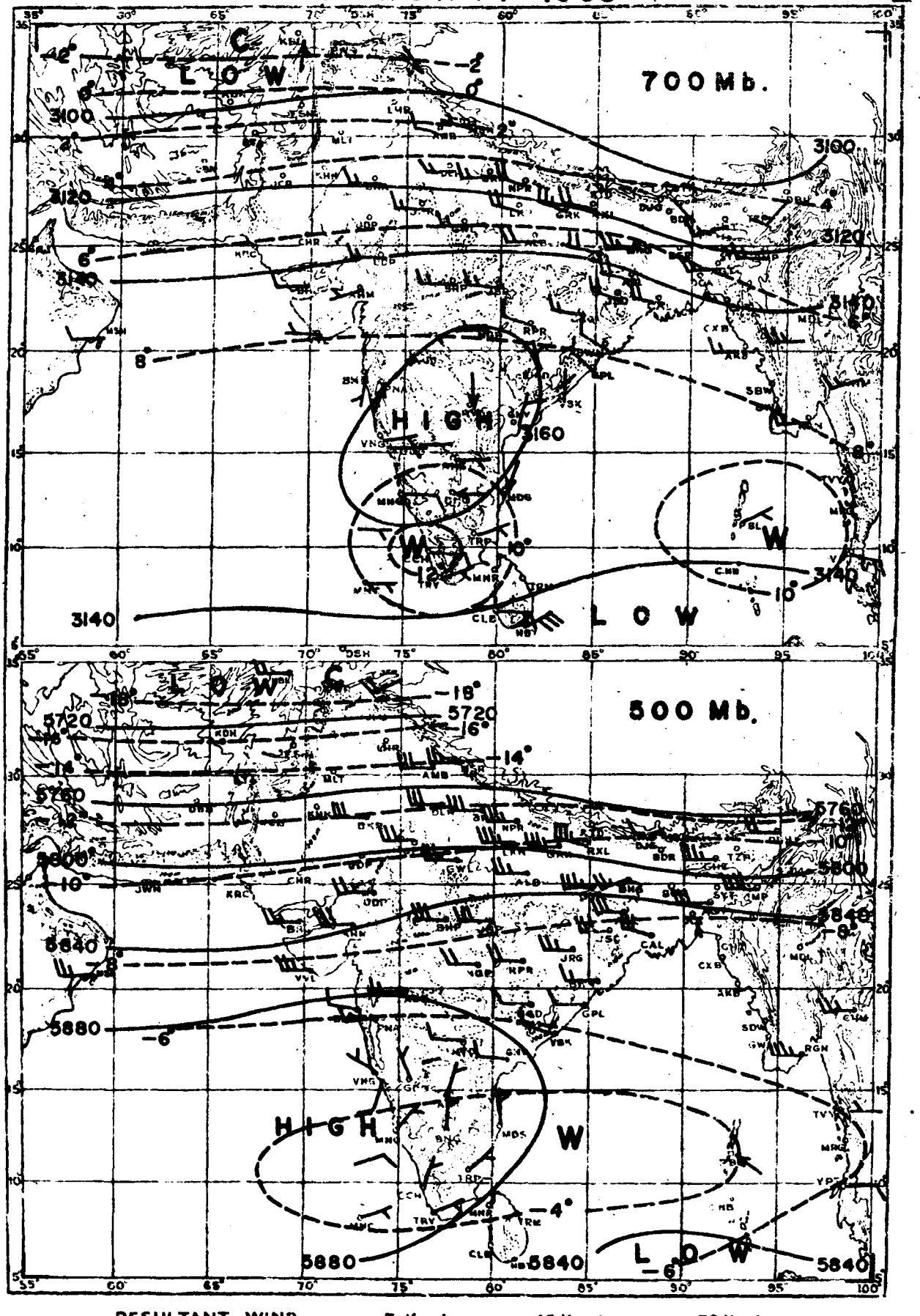



RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots

- - - - - - - - Isotherms in degrees absolute. ———— Contours in geopotential metres.

MONTHLY MEAN CONSTANT PRESSURE CHARTS

I.Met.D. **FEBRUARY 1966** Plate II




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots

---------- Isotherms in degrees absolute. ———— Contours in geopotential metres.

DDGC/5161(11):H:70

March 1966

QC
770
.159
152
1966

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## MARCH

# MONTHLY WEATHER REPORT

# FOR

# MARCH - 1966

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* * * * *

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III.

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| -/- | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## MARCH

Published by authority of the Government of India

Chief features :-

i) Sub-normal activity of western disturbances, with four of them moving across northwest India;

ii) Scanty rainfall over northeast India; and

iii) A spell of good thundershowers over the northwestern parts of the Peninsula during the second week.

The trough of low pressure lying over Bihar State and Orissa on 28th February moved away eastwards across Assam by 2nd March causing isolated showers in Assam. Four fresh western disturbances affected northwest India during the month. The first disturbance, which was fairly active, was over Baluchistan on 2nd. Moving eastnortheastwards it passed across the Western Himalayas by 6th. Under its influence, there was good precipitation over the Western Himalayas during the period 4th to 6th. Banihal recorded 6 cm. of rain, Quazigund 5 cm and Srinagar and Simla cm each on 5th. The second western disturbance, which appeard over north Afghanistan on 15th, was also active. It moved slowly eastwards across the Western Himalayas by 20th. In association with it, there was another spell of good precipitation over most parts of northwest India. Quazigund recorded 7 cm of rain, Banihal 6 cm and Srinagar (IAF) 5 cm on 18th,and Dalhousie 6 cm and Joshimath 5 cm on 19th. The next western disturbance moved eastwards from south Afghanistan to the northern divisions of West Pakistan and thence away across the Western Himalayas during the period 21st to 24th. In association with it,fairly wide-spread precipitation occurred in Jammu and Kashmir, Quazigund reporting 8 cm of rain on 23rd. The last western disturbance following immediately lay over south Afghanistan and adjoining West Pakistan on 25th. It moved away, eastwards across the Western Himalayas by 28th causing some precipitation there and the adjoining plains.

Weather remained dry over northeast India except for two spells of isolated thundershowers in Assam. The first spell occurred in association with a low pressure area moving eastwards from Bihar Plateau across Assam during the period 5th to 7th. Kailashahar and Silchar recorded 3 cm of rain each on 7th. An upper air trough developed over West Bengal on 18th and became well marked the next day. Later, it weakened and moved away eastwards across Assam by 22nd. Under its influence, there was fairly widespread thundershowers in Assam on 20th and 21st and isolated thundershowers over West Bengal and Bihar Plateau.

An upper air trough,which developed over Gujarat Region and west Madhya Pradesh on 9th,persisted there with no appreciable movement till 12th. Later it became unimportant. In association with it, there was a spell of good thundershower activity over the central parts of the country and the north Peninsula during the middle of the second week. Yeotmal recorded 3 cm of rain on 11th.

A few troughs of low pressure moving westwards across the south Peninsula caused spells of isolated or scattered thundershowers in the south Peninsula. The first trough appeared over Comorin area and adjoining south Peninsula on 2nd. It persisted there the next day also and moved away westwards across Maldive area by 5th causing isolated thundershowers over the extreme south Peninsula. This was followed by another trough of low pressure which formed over Ceylon and adjoining area on 5th. It was over the south Peninsula on 6th and 7th and later shifted slightly northwards. Two more troughs developed in the southwest Bay of Bengal on the 9th and 13th respectively. The former moved westwards initially but later extended northwards to coastal Mysore on 13th and became unimportant by the next day. The latter trough was active and caused good thundershower activity in the south Peninsula. Coonoor recorded 6 cm of rain and Atiramapattinam 4 cm on 13th and Tuticorin 4 cm on 14th. During the second fortnight weather remained dry over the Peninsula except for isolated thundershowers on 24th and 30th. Punalur recorded 5 cm of rain on 24th.

Night temperatures were below normal over the country outside the south Peninsula from the end of the first week to the middle of the month, being appreciably to markedly so at a number of places in north and central India. They continued to be below normal during the third week over northeast India whereas over the other parts of north India and the central parts of the country they were below normal for the

last 12 days of the month. Night temperatures were above normal over northwest India during the third week and over Assam during the first and last weeks.

Day temperatures were above normal over the country out-side Gujarat State during the first four days of the month and again over north and central India from 13th to 17th, being appreciably so in northwest India. A third spell of above normal day temperatures was reported from most parts of the country during the last week. Day temperatures were below normal over the country outside the Peninsula during the period 4th to 8th. While they continued to be below normal over northeast India and the central parts of the country and adjoining Peninsula till 13th, they became below normal over the remaining parts of the country during the second half of the third week. During the last four days of the month also day temperatures were below normal except over northeast India and the Peninsula, being markedly below normal over northwest India.

Rainfall was in large excess in Gujarat and Interior Mysore(North), slight excess in Jammu and Kashmir and Marathwada, normal in Vidarbha and Madras State, in slight defect in Kerala and in moderate defect in Bay Islands, West Uttar Praddsh, Punjab, Himachal Pradesh, West Madhya Pradesh, Telangana and coastal Mysore. It was in large defect over the rest of the country.

The mean maximum temperature was above normal in North Assam, Sub-Himalayan West Bengal, Orissa, Bihar Plateau, East Uttar Pradesh, Himachal Pradesh, East Madhya Pradesh and Coastal Andhra Pradesh. It was normal over the rest of the country.

The mean minimum temperature was above normal in Himachal Pradesh and below normal in Bihar Plains, West Rajasthan, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

The mean Relative Humidity in the morning was above normal in Rayalaseema and below normal in . Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Gujarat, Saurashtra and Kutch and Vidarbha. It was normal over the remaining parts of the country.

The mean Relative Humidity in the evening was above normal in Jammu and Kashmir and below normal in North Assam, Sub-Himalayan West Bengal, Bihar Plateau, East Uttar Pradesh, Himachal Pradesh, East Rajasthan, East Madhya Pradesh and Saurashtra and Kutch. It was normal over the remaining parts of the country.

The mean cloud amount in the morning was above normal in Madhya Maharashtra, Madras State, Interior Mysore and Kerala. It was below normal in Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar Plains, Uttar Pradesh, Himachal Pradesh, Rajasthan, West Madhya Pradesh, Gujarat, Saurashtra and Kutch and Rayalaseema. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Madras State, Interior Mysore and Kerala. It was below normal in Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar Plateau, East Uttar Pradesh, Himachal Pradesh, Rajasthan, West Madhya Pradesh, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona-5.
the 21st July 1966.

R. ANANTHAKRISHNAN
FOR DIRECTOR GENERAL OF OBSERVATORIES

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - March 1966 (Phalguna 10, 1887 - Chaitra 10, 1888, Saka)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 33.3 | 43 | 30.4 | 16.2 | 68 | 54 | 2.8 | 2.8 |
| | - 44.4 | | +1.2 | +0.0 | + 0 | - 3 | -0.3 | -0.3 |
| 2.WEST BENGAL . . . | 2.6 | 9 | 34.1 | 18.9 | 52 | 40 | 1.4 | 1.5 |
| | - 25.9 | | +1.1 | -0.5 | - 9 | - 4 | -0.8 | -0.7 |
| 3.ORISSA . . . . . | 0.8 | 4 | 35.2 | 20.2 | 57 | 43 | 2.0 | 2.1 |
| | - 22.4 | | +1.2 | -0.8 | - 4 | - 2 | +0.1 | -0.3 |
| 4.BIHAR . . . . . | 0.5 | 3 | 33.7 | 16.1 | 41 | 29 | 1.3 | 1.5 |
| | - 16.3 | | +0.8 | -1.2 | - 8 | - 2 | -0.4 | -0.4 |
| 5.UTTAR PRADESH . . | 5.6 | 36 | 32.4 | 14.5 | 46 | 27 | 1.1 | 1.4 |
| | - 10.0 | | +1.0 | -0.8 | - 7 | - 3 | -0.6 | -0.5 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) . | 16.8 | 53 | 29.0 | 12.5 | 61 | 32 | 2.2 | 2.4 |
| | - 14.6 | | +0.6 | -0.3 | - 3 | - 4 | -0.4 | -0.5 |
| 7.JAMMU AND KASHMIR | 61.3 | 115 | 16.1 | 3.9 | 63 | 59 | 4.6 | 5.0 |
| | + 8.1 | | +0.7 | -0.1 | - 1 | + 7 | +0.2 | -0.3 |
| 8.RAJASTHAN . . | 1.3 | 18 | 32.2 | 14.4 | 39 | 24 | 1.0 | 1.3 |
| | - .5 | | -0.1 | -1.2 | - 8 | - 4 | -0.7 | -0.9 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 30.2 | 62 | 31.6 | 23.3 | 71 | 73 | 3.7 | 4.0 |
| | - 18.6 | | +0.7 | -0.3 | - 3 | - 4 | -0.3 | -0.2 |
| 2.NORTH ASSAM (INCLUDING NEFA) . | 30.6 | 48 | 30.8 | 16.2 | 67 | 53 | 2.7 | 3.0 |
| | - 33.8 | | +1.8 | +0.2 | - 1 | - 7 | -0.6 | -0.4 |
| 3.SOUTH ASSAM (INCLUDING N.LANDETC) | 39.6 | 27 | 29.8 | 16.2 | 70 | 55 | 2.9 | 2.6 |
| | - 68.7 | | +0.0 | -0.4 | + 4 | + 3 | +0.2 | -0.2 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 0.7 | 2 | 32.3 | 16.3 | 54 | 38 | 1.3 | 1.5 |
| | - 30.1 | | +1.6 | -0.2 | - 7 | - 7 | -1.0 | -0.8 |
| 5.GANGETIC,WEST-BENGAL. | 3.3 | 12 | 34.7 | 19.9 | 51 | 41 | 1.4 | 1.6 |
| | - 24.5 | | +1.0 | -0.6 | - 9 | - 3 | -0.8 | -0.6 |
| 6.ORISSA . | 0.8 | 4 | 35.2 | 20.2 | 57 | 43 | 2.0 | 2.1 |
| | - 22.4 | | +1.2 | -0.8 | - 4 | - 2 | +0.1 | -0.3 |
| 7.BIHAR PLATEAU. . | 1.2 | 5 | 34.1 | 16.9 | 35 | 22 | 1.4 | 1.8 |
| | - 23.5 | | +1.1 | -1.0 | -11 | - 7 | -0.3 | -0.5 |
| 8.BIHAR PLAINS. . | 0.0 | 0 | 33.3 | 15.4 | 46 | 34 | 1.2 | 1.3 |
| | - 11.4 | | +0.6 | -1.5 | - 6 | + 1 | -0.4 | -0.3 |
| 9.UTTAR PRADESH, (EAST). | 0.2 | 1 | 33.8 | 15.5 | 42 | 24 | 0.9 | 1.0 |
| | - 11.0 | | +1.1 | -0.8 | -10 | - 6 | -0.7 | -0.7 |
| 10.UTTAR PRADESH, (WEST). | 13.4 | 61 | 30.3 | 13.1 | 51 | 32 | 1.4 | 2.1 |
| | - 8.4 | | +0.9 | -0.9 | - 4 | + 1 | -0.5 | -0.2 |
| 11.PUNJAB(INCLUDING DELHI). | 13.8 | 52 | 29.3 | 12.8 | 59 | 33 | 2.2 | 2.4 |
| | - 12.6 | | +0.5 | -0.5 | - 3 | - 3 | -0.1 | -0.3 |
| 12.HIMACHAL PRADESH | 31.7 | 56 | 27.3 | 11.0 | 73 | 32 | 2.2 | 2.7 |
| | - 24.6 | | +1.2 | +1.1 | - 5 | - 9 | -1.6 | -1.6 |
| 13.JAMMU AND KASHMIR. | 61.3 | 115 | 16.1 | 3.9 | 63 | 59 | 4.6 | 5.0 |
| | + 8.1 | | +0.7 | -0.1 | - 1 | + 7 | +0.2 | -0.3 |
| 14.RAJASTHAN(WEST). | 2.6 | 44 | 32.3 | 13.8 | 44 | 29 | 1.1 | 1.3 |
| | - 3.4 | | +0.0 | -1.7 | - 5 | + 1 | -0.6 | -0.8 |
| 15.RAJASTHAN(EAST). | 0.1 | 2 | 32.1 | 14.9 | 35 | 19 | 1.0 | 1.3 |
| | - 7.3 | | -0.2 | -0.8 | -10 | - 8 | -0.7 | -1.0 |
| 16.MADHYA PRADESH (WEST). | 5.3 | 61 | 33.7 | 15.9 | 31 | 16 | 1.1 | 1.6 |
| | - 3.3 | | -0.1 | -0.9 | - 6 | - 4 | -0.5 | -0.7 |

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 4.5 | 34 | 34.2 | 16.6 | 32 | 17 | 1.3 | 1.7 |
| . | - 8.7 | | +0.4 | -0.5 | - 9 | - 5 | -0.3 | -0.6 |
| 10.GUJARAT STATE . . | 4.1 | 465 | 33.8 | 17.5 | 49 | 27 | 0.9 | 0.8 |
| . | + 3.2 | | -0.3 | -1.2 | - 9 | - 6 | -0.5 | -0.5 |
| 11.MAHARASHTRA STATE | 5.8 | 89 | 34.6 | 19.9 | 48 | 32 | 1.5 | 1.8 |
| . | - 0.7 | | -0.0 | -0.3 | - 3 | - 1 | +0.1 | -0.2 |
| 12.ANDHRA PRADESH . | 1.9 | 20 | 35.9 | 22.6 | 66 | 40 | 2.1 | 1.8 |
| . | - 7.5 | | +0.9 | +0.3 | + 0 | - 1 | -0.1 | -0.3 |
| 13.MADRAS STATE . . | 17.2 | 106 | 34.2 | 23.6 | 75 | 52 | 3.8 | 3.4 |
| . | + 0.9 | | +0.8 | +0.6 | + 1 | - 1 | +0.7 | +0.7 |
| 14.MYSORE . . . . . | 6.8 | 81 | 34.4 | 21.4 | 64 | 36 | 2.3 | 3.1 |
| . | - 1.5 | | +0.4 | +0.5 | + 2 | + 1 | +0.5 | +0.5 |
| 15.KERALA . . . . | 40.6 | 87 | 33.7 | 24.7 | 76 | 63 | 3.9 | 4.7 |
| . | - 6.3 | | +0.2 | +0.2 | + 2 | + 2 | +0.7 | +0.9 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . | 3.5 | 18 | 34.8 | 17.5 | 34 | 19 | 1.7 | 1.9 |
| (EAST). . | - 15.9 | | +1.1 | +0.1 | -12 | - 6 | -0.0 | -0.4 |
| 18.GUJARAT REGION . | 10.1 | 1162 | 35.1 | 17.7 | 41 | 18 | 0.7 | 0.8 |
| . | + 9.2 | | -0.8 | -1.1 | - 9 | - 4 | -0.5 | -0.5 |
| 19.SAURASHTRA KUTCH. | 0.0 | 0 | 32.9 | 17.4 | 56 | 34 | 1.0 | 0.8 |
| (INCLUDING DIU) . | - 0.9 | | +0.1 | -1.4 | - 9 | - 7 | -0.6 | -0.5 |
| 20.KONKAN (INCLUDING | 0.0 | 0 | 30.7 | 22.3 | 72 | 64 | 1.8 | 1.3 |
| GOA) . | - 0.4 | | -0.1 | -0.2 | + 1 | - 1 | -0.0 | -0.3 |
| 21.MADHYAMAHARASHTRA | 1.6 | 49 | 36.5 | 18.4 | 43 | 22 | 1.3 | 1.8 |
| . | - 1.7 | | -0.0 | -0.3 | - 0 | + 1 | +0.3 | -0.2 |
| 22.MARATHWADA . | 9.6 | 115 | 35.4 | 18.8 | 30 | 17 | 1.3 | 2.3 |
| . | + 1.2 | | -0.7 | -0.3 | - 5 | - 3 | +0.2 | +0.2 |
| 23.VIDARBHA. . | 15.5 | 97 | 36.5 | 19.9 | 35 | 20 | 1.5 | 2.1 |
| . | - 0.5 | | +0.4 | -0.5 | - 8 | - 4 | -0.1 | -0.2 |
| 24.COASTAL ANDHRA | 0.0 | 0 | 34.8 | 23.1 | 74 | 57 | 2.7 | 1.8 |
| PRADESH. . | - 10.9 | | +1.2 | +0.3 | - 0 | - 2 | +0.1 | -0.2 |
| 25.TELANGANA. . | 5.9 | 56 | 37.0 | 22.2 | 59 | 24 | 1.9 | 1.7 |
| . | - 4.5 | | +0.6 | +0.2 | - 3 | - 3 | -0.3 | -0.4 |
| 26.RAYALASEEMA. . | 0.1 | 3 | 36.9 | 22.2 | 59 | 27 | 1.0 | 1.9 |
| . | - 4.3 | | +0.6 | +0.4 | + 7 | + 2 | -0.5 | -0.2 |
| 27.MADRAS STATE. . | 17.2 | 106 | 34.2 | 23.6 | 75 | 52 | 3.8 | 3.4 |
| . | + 0.9 | | +0.8 | +0.6 | + 1 | - 1 | +0.7 | +0.7 |
| 28.COASTAL MYSORE . | 2.3 | 54 | 31.4 | 24.2 | 78 | 66 | 2.2 | 2.2 |
| . | - 1.9 | | -0.5 | +0.9 | + 1 | - 2 | -0.1 | -0.3 |
| 29.INTERIOR MYSORE. | 13.5 | 156 | 36.2 | 21.0 | 50 | 29 | 2.0 | 3.2 |
| (NORTH). . | + 4.8 | | +0.6 | +0.1 | + 1 | + 2 | +0.7 | +0.7 |
| 30.INTERIOR MYSORE. | 3.2 | 31 | 34.4 | 20.3 | 69 | 26 | 2.6 | 3.6 |
| (SOUTH). . | - 7.0 | | +0.7 | +0.7 | + 4 | + 1 | +0.6 | +0.8 |
| 31.KERALA. . | 40.6 | 87 | 33.7 | 24.7 | 76 | 63 | 3.9 | 4.7 |
| . | - 6.3 | | +0.2 | +0.2 | + 2 | + 2 | +0.7 | +0.9 |
| 32.ARABIANSEAISLANDS | 4.2 | 33 | 31.8 | 25.7 | 74 | 8 | 3.4 | 3.5 |
| . | - 8.4 | | +0.2 | +0.5 | + 1 | 4 | +0.1 | -0.2 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Haze or dust | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 31.7 | +2.0 | 33.6 | 21 | 22.6 | -0.5 | 20.7 | 18 | 0.0 | 0.0 | - 2.9 | 0.0 | .. | 0 | - 0.4 | 9.1 | 5.8 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Long Island | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Port Blair | 32.3 | +1.2 | 34.2 | 24 | 21.9 | -0.6 | 19.7 | 19 | 1.2 | 1.6 | - 31.9 | 1.0 | 03 | 0 | - 1.8 | 7.7 | 6.3 | -1.7 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Car Nicobar | 31.3 | +0.0 | 33.2 | 16 | 22.4 | -0.4 | 16.7 | 06 | 63.2 | 65.2 | + 20.4 | 57.0 | 21 | 2 | - 1.1 | 6.5 | 3.9 | -0.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 33.2 | +0.4 | 35.2 | 11 | 25.1 | +0.5 | 23.2 | 07 | 31.0 | 42.4 | - 28.1 | 14.0 | 30 | 6 | + 0.6 | 1.9 | 1.0 | +0.5 | 1 | 7 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 29.7 | -0.1 | 31.7 | 16 | 24.7 | -0.7 | 23.0 | 03 | 18.8 | 42.0 | - 50.4 | 18.4 | 22 | 5 | + 0.0 | .. | .. | .. | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 27.9 | +1.9 | 32.1 | 27 | 15.8 | -1.1 | 12.8 | 07 | 9.4 | 83.0 | - 29.9 | 21.2 | 07 | 6 | - 2.4 | 7.9 | 11.7 | -3.7 | 0 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 28.9 | +2.4 | 33.2 | 30 | 16.6 | +1.1 | 13.6 | 09 | 4.1 | 26.3 | - 94.2 | 14.4 | 01 | 2 | - 6.6 | 7.2 | 4.8 | +0.5 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Digboi | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| North Lakhimpur | 28.9 | +1.8 | 33.9 | 30 | 15.6 | +0.6 | 9.2 | 10 | 0.6 | 29.2 | - 82.4 | 10.7 | 20 | 3 | - 3.3 | 7.1 | 4.2 | .. | 0 | 4 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Sibsagar | 29.2 | +1.9 | 34.2 | 30 | 17.5 | +1.4 | 13.3 | 09 | 0.0 | 19.4 | - 78.6 | 8.9 | 01 | 2 | - 5.8 | 5.0 | 4.6 | -0.9 | 0 | 6 | 0 | 0 | 4 | 8 | 0 | 0 | 0 | 0 |
| Gohpur | 29.1 | +1.0 | 33.9 | 30 | 15.3 | +0.9 | 8.9 | 09 | 0.0 | 57.3 | + 30.9 | 18.4 | 20 | 5 | + 3.4 | 5.6 | 4.0[a] | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 30.8 | .. | 36.4 | 02 | .. | .. | .. | .. | 0.0 | 60.4 | - 2.8 | 27.2 | 19 | 4 | + 0.1 | 7.5 | 5.2 | +0.2 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 29.8 | .. | 35.2 | 30 | 17.1 | .. | 12.5 | 09 | 0.0 | 27.6 | .. | 11.2 | 19 | 4 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| Tangla | 31.1 | +2.3 | 36.0 | 30 | 15.2 | -0.7 | 10.4 | 09 | 10.2 | 10.2 | - 61.7 | 10.2 | 21 | 1 | - 2.9 | 5.0 | 3.1 | +0.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 31.6 | +2.6 | 36.1 | 30 | 17.3 | +0.2 | 14.0 | 09 | 2.8 | 30.4 | - 20.7 | 18.1 | 20 | 3 | - 1.8 | 7.7 | 5.5 | +0.5 | 1 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 30.3 | +1.8 | 36.1 | 30 | 15.5 | -1.1 | 10.4 | 09 | 0.0 | 21.2 | - 37.1 | 12.0 | 19 | 2 | - 3.0 | .. | .. | .. | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rahgia | 31.2 | +0.9 | 36.1 | 30 | 16.4 | +0.8 | 11.0 | 09 | 3.8 | 20.4 | - 11.8 | 11.4 | 20 | 2 | + 0.2 | 6.5 | 4.0 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 32.1 | +1.0 | 37.0 | 29 | 17.1 | +1.1 | 11.8 | 19 | 0.0 | 19.6 | - 34.4 | 10.2 | 06 | 3 | - 1.6 | 4.7[b] | 3.6 | .. | 0 | 3 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Goalpara | .. | .. | .. | .. | .. | .. | .. | .. | 0.6 | 34.2 | - 4.3 | 25.6 | 20 | 2 | - 0.7 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 31.7 | +1.2 | 37.4 | 30 | 15.8 | -0.2 | 10.3 | 09 | 5.3 | 31.6 | - 35.9 | 11.0 | 06 | 3 | - 1.9 | 8.9 | 5.9 | .. | 0 | 4 | 0 | 1 | 6 | 0 | 1 | 2 | 2 | 0 |
| Dhubri (Rupsi) | 33.2 | +2.1 | 38.3 | 16 | 16.4 | +0.7 | 9.9 | 09 | 0.4 | 0.4 | - 32.2 | 0.4 | 20 | 0 | - 2.3 | 10.5 | 8.4 | +3.5 | 0 | 1 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 |
| Dhubri | 33.3 | +3.2 | 37.6 | 30 | 17.4 | -0.7 | 12.5 | 09 | 0.0 | 0.0 | - 38.3 | 0.0 | .. | 0 | - 2.6 | 6.9 | 6.1 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lueding | 32.6 | +1.7 | 38.4 | 29 | 14.8 | +0.1 | 8.4 | 09 | 18.4 | 45.6 | - 7.0 | 23.2 | 20 | 3 | - 1.6 | 6.1 | 4.2 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 30.8 | +0.9 | 34.1 | 31 | 19.7 | +1.0 | 15.0 | 09 | 0.0 | 1.4 | - 64.2 | 1.4 | 20 | 0 | - 3.4 | 8.5 | 7.6 | -0.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 23.6 | -2.9 | 28.5 | 28 | 15.1 | -1.1 | 9.7 | 21 | 0.6 | 9.7 | - 69.4 | 3.2 | 01 | 1 | - 5.4 | 13.9 | 9.5 | .. | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 30.4 | -0.2 | 35.4 | 29 | 17.6 | +0.5 | 13.4 | 10 | 7.6 | 52.5 | -150.0 | 13.7 | 21 | 7 | + 0.0 | 7.4 | 8.9 | -0.2 | 0 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 30.2 | -0.2 | 35.7 | 28 | 16.7 | -0.8 | 12.2 | 09 | 5.8 | 68.2 | - 78.9 | 30.0 | 07 | 5 | - 2.3 | 4.2 | 2.1 | -0.4 | 0 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 27.4 | +0.6 | 31.6 | 30 | 10.3 | -0.1 | 2.4 | 12 | 3.6 | 22.3 | - 28.9 | 10.7 | 21 | 2 | - 1.9 | 11.2 | 6.1 | -1.5 | 1 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Kailashahar | 32.0 | +0.3 | 35.2 | 18 | 17.1 | +0.1 | 12.1 | 09 | 64.8 | 101.7 | - 40.2 | 32.6 | 07 | 4 | - 2.0 | 5.3 | 3.5 | -0.8 | 0 | 4 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Agartala | 34.2 | +1.5 | 38.1 | 28 | 16.6 | -2.1 | 9.6 | 08 | 20.5 | 21.5 | - 49.4 | 19.4 | 21 | 1 | - 3.0 | 10.2 | 7.9 | +0.6 | 0 | 3 | 0 | 0 | 5 | 1 | 0 | 0 | 1 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 31.7 | +1.4 | 35.4 | 29 | 14.4 | -0.9 | 7.5 | 07 | 0.0 | 0.0 | - 32.8 | 0.0 | .. | 0 | - 2.5 | 12.6 | 9.8 | +2.9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 31.5 | +1.9 | 35.9 | 29 | 17.3 | +0.9 | 11.0 | 08 | 0.0 | 0.0 | - 33.3 | 0.0 | .. | 0 | - 2.3 | 9.1 | 6.1 | +0.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 31.8 | +1.3 | 36.6 | 29 | 15.8 | -0.8 | 10.2 | 08 | 1.5 | 2.6 | - 36.3 | 1.5 | 20 | 0 | - 2.4 | 7.4 | 4.5 | +0.1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Balurghat | 34.1 | .. | 39.1 | 30 | 16.0 | .. | 9.8 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.7 | 3.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malda | 34.3 | +1.7 | 39.0 | 28 | 17.5 | +0.1 | 12.2 | 09 | 0.0 | 0.0 | - 18.0 | 0.0 | .. | 0 | - 1.4 | 4.1 | 2.3 | -3.8 | 0 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 35.2 | +1.1 | 40.4 | 28 | 17.8 | -0.6 | 13.1 | 09 | 0.0 | 0.0 | - 24.1 | 0.0 | .. | 0 | - 1.9 | 3.7 | 2.0 | -1.1 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Suri | 35.1 | +1.1 | 40.7 | 28 | 22.4 | +2.7 | 15.0 | 11 | .. | 0.0 | - 20.0 | 0.0 | .. | 0 | - 1.9 | . | 6.6 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 35.9 | +1.7 | 41.9 | 28 | 17.3 | -2.3 | 12.8 | 04 | 0.7 | 0.7 | - 21.6 | 0.7 | 30 | 0 | - 1.9 | 11.4 | 6.6 | -0.6 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 35.4 | .. | 41.4 | 28 | 18.2 | .. | 13.7 | 09 | 0.0 | 1.4 | .. | 1.4 | 20 | 0 | .. | 9.7 | 7.7 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 36.2 | +1.2 | 41.3 | 28 | 17.0 | -1.8 | 11.0 | 08 | 0.0 | 1.0 | - 38.9 | 1.0 | 06 | 0 | - 2.2 | 7.9[b] | 5.9[a] | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 35.0 | +0.9 | 41.1 | 28 | 19.3 | -0.7 | 14.5 | 09 | 1.0 | 1.0 | - 18.2 | 1.0 | 20 | 0 | - 2.0 | 7.9 | 5.3 | +0.7 | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Bankura | 36.5 | .. | 42.5 | 28 | 19.5 | .. | 14.7 | 08 | 0.0 | 0.0 | - 27.2 | 0.0 | .. | 0 | - 1.9 | 6.6 | 4.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 35.7 | +1.6 | 40.0 | 28 | 20.3 | +0.2 | 14.9 | 08 | 0.0 | 0.0 | - 39.1 | 0.0 | .. | 0 | - 2.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 34.6 | .. | 39.1 | 29 | 19.7 | .. | 13.0 | 09 | 0.0 | 28.9 | .. | 28.9 | 21 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 34.7 | +0.9 | 38.5 | 29 | 20.0 | -0.4 | 13.8 | 09 | 0.0 | 12.2 | - 16.9 | 12.2 | 21 | 1 | - 1.5 | 9.3 | 6.3 | -2.1 | 0 | 1 | 0 | 0 | 3 | 4 | 0 | 0 | 1 | 0 |
| Calcutta | 35.0 | +0.7 | 39.0 | 29 | 21.5 | +0.0 | 15.8 | 09 | 0.0 | 6.0 | - 28.0 | 6.0 | 21 | 1 | - 1.2 | 7.5 | 5.9 | +0.7 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| Midnapore | 35.7 | +0.6 | 39.8 | 28 | 18.4 | -2.4 | 14.2 | 12 | 17.4 | 18.2 | - 16.6 | 18.2 | 21 | 1 | - 1.3 | 7.1 | 5.2 | -0.1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Contai | 33.5 | +1.0 | 38.8 | 26 | 20.8 | -1.5 | 16.4 | 09 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.4 | 11.8 | 8.2 | -2.6 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Sagar Island | 29.8 | -0.2 | 32.0 | 14 | 24.1 | +0.2 | 18.3 | 09 | 0.0 | 0.6 | - 27.6 | 0.6 | 20 | 0 | - 1.7 | 20.1 | 19.8 | +0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 29.1 | .. | 35.7 | 17 | 24.9 | .. | 24.7 | 03 | 0.0 | 0.0 | - 17.5 | 0.0 | .. | 0 | - 1.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 37.0 | +2.1 | 42.1 | 28 | 19.1 | -0.9 | 15.2 | 10 | 0.6 | 1.4 | - 40.8 | 0.8 | 20 | 0 | - 3.2 | 5.1 | 3.1 | +0.3 | 0 | 2 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Jharsuguda | 36.7 | +1.9 | 41.9 | 29 | 18.7 | +0.1 | 13.8 | 13 | 2.2 | 2.2 | - 28.8 | 2.2 | 13 | 0 | - 2.5 | 9.2 | 6.5 | -0.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 |
| Keonjhargarh | 36.9 | +1.8 | 39.4 | 28 | 19.9 | +1.0 | 15.4 | 03 | 0.0 | 0.0 | - 31.2 | 0.0 | .. | 0 | - 2.0 | 6.9 | 5.2 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 34.4 | +0.5 | 38.1 | 30 | 18.7 | -2.6 | 14.7 | 09 | 1.8 | 1.8 | - 40.4 | 1.8 | 06 | 1 | - 1.6 | 10.4 | 7.8 | -0.7 | 0 | 1 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 37.2 | +1.8 | 41.9 | 29 | 16.5 | -2.2 | 14.3 | 06 | 0.0 | 0.0 | - 18.5 | 0.0 | .. | 0 | - 1.5 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 36.5 | +1.3 | 41.4 | 28 | 18.3 | -2.1 | 14.6 | 13 | 0.0 | 0.0 | - 18.8 | 0.0 | .. | 0 | - 1.8 | 6.6 | 5.7 | -1.3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chandbali | 35.0 | +1.1 | 39.4 | 26 | 20.9 | -0.7 | 17.0 | 10 | 0.0 | 0.0 | - 25.7 | 0.0 | .. | 0 | - 1.7 | 11.0 | 8.3 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 37.2 | +1.4 | 41.7 | 28 | 21.0 | -0.1 | 16.1 | 22 | 0.0 | 0.0 | - 9.9 | 0.0 | .. | 0 | - 0.7 | 7.9 | 6.7 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 34.8 | .. | 39.8 | 29 | 14.9 | .. | 9.5 | 22 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.7 | 2.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 36.6 | +0.7 | 41.3 | 26 | 21.2 | -0.9 | 17.9 | 22 | 1.5 | 1.5 | - 20.1 | 1.5 | 21 | 0 | - 1.3 | 7.8 | 5.5 | -0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 39.0 | +3.0 | 41.4 | 29 | 21.2 | +0.8 | 17.3 | 13 | 0.0 | 0.0 | - 23.0 | 0.0 | .. | 0 | - 2.1 | 5.1 | 3.8 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 35.7 | +0.6 | 41.3 | 26 | 21.3 | -1.0 | 16.9 | 15 | 0.0 | 0.0 | - 16.8 | 0.0 | .. | 0 | - 1.3 | 15.6 | 13.2 | -3.9 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Puri | 30.3 | +0.3 | 33.8 | 22 | 23.2 | -1.4 | 19.4 | 09 | 0.0 | 0.0 | - 11.4 | 0.0 | .. | 0 | - 0.9 | 21.7 | 18.9 | -1.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 30.8 | +0.2 | 33.8 | 22 | 22.0 | -0.6 | 18.6 | 15 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.0 | 17.5 | 15.5 | -2.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Koraput | 37.0 | +0.4 | 35.3 | 31 | .. | .. | .. | .. | 0.0 | 4.9 | - 12.8 | 3.7 | 11 | 1 | - 0.5 | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 35.2 | +1.2 | 41.2 | 28 | 18.1 | -0.3 | 12.7 | 08 | 6.5 | 6.5 | - 14.6 | 6.5 | 20 | 1 | - 0.6 | 9.1 | 5.1 | +1.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 34.2 | +1.2 | 40.0 | 19 | 14.7 | -1.4 | 8.4 | 10 | 0.3 | 0.3 | - 19.8 | 0.3 | 20 | 0 | - 1.9 | 6.5 | 4.5 | +0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 31.4 | +0.5 | 37.8 | 28 | 15.7 | -1.0 | 9.0 | 10 | 0.0 | 0.0 | - 24.9 | 0.0 | .. | 0 | - 1.9 | 14.2 | 10.5 | +1.7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 35.2 | +2.0 | 41.2 | 28 | 19.5 | +0.3 | 14.3 | 08 | 0.0 | 0.0 | - 22.0 | 0.0 | .. | 0 | - 1.9 | 6.7 | 4.9 | -3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 31.9 | +0.7 | 35.8 | 31 | 14.8 | -1.9 | 9.8 | 09 | 0.0 | 0.0 | - 29.0 | 0.0 | .. | 0 | - 2.4 | 5.6 | 4.5 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 31.9 | +0.9 | 37.3 | 28 | 17.3 | +0.0 | 12.3 | 10 | 3.5 | 3.5 | - 36.8 | 3.5 | 20 | 1 | - 1.8 | 12.6 | 10.0 | +0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur | 35.9 | +1.3 | 41.0 | 28 | 16.7 | -2.0 | 13.0 | 08 | 0.0 | 0.0 | - 20.1 | 0.0 | .. | 0 | - 1.9 | 7.7 | 4.8 | -0.4 | 0 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 35.4 | +0.8 | 40.7 | 28 | 17.8 | -1.1 | 13.6 | 12 | 0.0 | 0.2 | - 22.9 | 0.2 | 19 | 0 | - 2.4 | 9.6 | 5.2 | +0.4 | 1 | 0 | 0 | 0 | 2 | 1 | 0 | 0 | 1 | 0 |
| Chaibasa | 35.9 | +1.2 | 40.9 | 28 | 17.8 | -1.5 | 13.3 | 08 | 0.0 | 0.0 | - 21.3 | 0.0 | .. | 0 | - 1.8 | 4.7 | 2.7 | -0.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 32.0 | +0.5 | 35.9 | 29 | 12.1 | -2.9 | 6.7 | 08 | 0.0 | 0.0 | - 17.3 | 0.0 | .. | 0 | - 1.1 | 7.4[b] | 4.0[b] | +0.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 32.3 | -0.1 | 36.4 | 30 | 15.6 | +0.4 | 10.0 | 08 | 0.0 | 0.0 | - 15.9 | 0.0 | .. | 0 | - 1.6 | 8.4 | 4.4 | -3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 32.0 | +0.3 | 37.8 | 28 | 15.9 | -0.4 | 11.4 | 09 | 0.0 | 0.0 | - 12.5 | 0.0 | .. | 0 | - 1.1 | 4.3 | 3.3 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.9 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 34.1 | .. | 38.6 | 20 | 17.1 | .. | 11.1 | 08 | 0.0 | 0.0 | - 10.9 | 0.0 | .. | 0 | - 0.9 | 6.4 | 4.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 33.6 | +1.4 | 38.4 | 29 | 13.3 | -2.2 | 8.3 | 10 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 1.1 | 6.2 | 3.2 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 33.6 | +0.7 | 38.5 | 19 | 16.6 | -2.0 | 11.4 | 09 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 1.0 | 8.6 | 8.6 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 33.5 | +0.6 | 38.5 | 27 | 15.6 | -1.5 | 10.1 | 09 | 0.0 | 0.0 | - 11.7 | 0.0 | .. | 0 | - 1.1 | 12.2 | 6.5 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 9.4 | 0.0 | .. | 0 | - 1.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhagalpur | 33.8 | +0.8 | 40.1 | 28 | 18.6 | -0.5 | 11.5 | 14 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.7 | 11.9 | 8.0 | +0.3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sabour | 33.5 | +0.7 | 39.2 | 28 | 13.6 | -2.1 | 7.7 | 09 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.8 | 11.4 | 6.5 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamui | (B) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dehri | 34.1 | +0.6 | 39.0 | 18 | 17.2 | -1.9 | 11.2 | 10 | 0.0 | 0.0 | - 11.7 | 0.8 | .. | 0 | - 1.2 | 11.2 | 7.3 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 34.3 | +0.6 | 39.9 | 28 | 15.7 | -1.7 | 10.3 | 09 | 0.0 | 0.0 | - 12.2 | 0.0 | .. | 0 | - 1.4 | 12.8 | 7.7 | -1.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | (B) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Bahraich | 33.3 | +1.4 | 40.4 | 27 | 15.0 | -0.4 | 9.1 | 07 | 0.0 | 0.0 | - 10.7 | 0.0 | .. | 0 | - 0.9 | 11.1 | 7.0 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 33.2 | +1.0 | 38.0 | 29 | 17.5 | +2.3 | 12.0 | 21 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 1.3 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 33.1 | +1.1 | 38.6 | 18 | 14.1 | -1.7 | 8.1 | 07 | 0.0 | 0.0 | - 17.5 | 0.0 | .. | 0 | - 2.0 | 12.5 | 7.5 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 33.4 | +1.2 | 40.0 | 28 | 15.1 | -0.3 | 9.6 | 08 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.9 | 11.2 | 7.8 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 32.4 | -0.5 | 37.0 | 25 | 16.0 | -0.3 | 11.6 | 08 | 0.0 | 0.0 | - 8.6 | 0.0 | .. | 0 | - 1.0 | 6.2 | 5.3 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 33.4 | +0.9 | 40.0 | 19 | 13.4[a] | -1.6 | .. | .. | 0.0 | 1.6 | - 9.8 | 1.6 | 18 | 0 | - 0.9 | 15.2 | 9.3 | +0.9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Faizabad | 34.0 | +2.3 | 39.7 | 27 | 14.1 | -0.7 | 9.1 | 06 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 1.0 | 7.9 | 4.2 | -0.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 34.2 | +1.6 | 39.9 | 28 | 17.7 | +0.5 | 11.7 | 08 | 0.0 | 0.0 | - 9.9 | 0.0 | .. | 0 | - 0.9 | 7.7 | 2.4 | -3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kasgar | 33.2 | +0.5 | 39.5 | 18 | 16.5 | +0.2 | 10.7 | 08 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.8 | 21.0 | 14.0 | +3.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 33.3 | .. | 39.6 | 27 | 14.8 | .. | 8.4 | 08 | 0.0 | 0.2 | .. | 0.2 | 19 | 0 | .. | .. | .. | .. | 1 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Sultanpur | 35.0 | +2.5 | 40.0 | 27 | 14.6 | -2.1 | 11.6 | 10 | 0.0 | 0.0 | - 3.0 | 0.0 | .. | 0 | - 0.4 | 9.0 | 6.6 | +0.4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 34.6 | +1.3 | 39.9 | 27 | 13.7 | -3.3 | 8.2 | 08 | 0.0 | 0.0 | - 14.5 | 0.0 | .. | 0 | - 1.3 | 9.9 | 6.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 34.0 | +0.9 | 40.0 | 27 | 14.8 | -1.5 | 8.5 | 09 | 0.0 | 1.0 | - 6.8 | 1.0 | 29 | 0 | - 0.9 | 15.2 | 7.9 | +2.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 33.1 | +0.2 | 37.6 | 27 | 15.9 | -0.9 | 11.0 | 08 | 0.0 | 0.0 | - 16.7 | 0.0 | .. | 0 | - 1.4 | 7.0 | 5.0 | -0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 35.2 | +1.1 | 41.1 | 28 | 16.4 | -0.9 | 10.2 | 09 | 0.0 | 0.0 | - 11.6 | 0.0 | .. | 0 | - 1.3 | 5.5 | 2.6 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 34.9 | +1.6 | 40.6 | 27 | 16.6 | -0.4 | 10.4 | 09 | 0.0 | 0.0 | - 14.5 | 0.0 | .. | 0 | - 1.0 | 8.5 | 4.1 | -2.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 33.7 | +0.5 | 38.4 | 18 | .. | .. | .. | .. | 0.0 | 0.0 | - 13.9 | 0.0 | .. | 0 | - 1.4 | 15.1 | 10.6 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 34.1 | +0.7 | 39.1 | 27 | 15.8 | -1.4 | 10.9 | 09 | 0.0 | 0.0 | - 11.2 | 0.0 | .. | 0 | - 0.9 | 6.7 | 4.7 | -4.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 18.8 | +1.0 | 23.5 | 26 | 8.7 | +1.1 | 1.1 | 19 | 8.1 | 69.2 | + 11.3 | 42.2 | 19 | 5 | - 1.0 | .. | .. | .. | 0 | 6 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 29.9 | +1.6 | 33.2 | 26 | 11.4 | +0.3 | 3.9 | 06 | 1.1 | 38.0 | - 6.7 | 24.3 | 19 | 3 | - 1.5 | 3.2 | 2.0 | .. | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Dehra Dun | 27.6 | +1.2 | 31.7 | 18 | 11.8 | -0.6 | 5.8 | 07 | 0.0 | 32.6 | - 5.3 | 26.4 | 19 | 2 | - 1.1 | 4.1 | 3.9 | +0.3 | 0 | 3 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |

**TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)**

| SUBDIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, WEST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | 16.4 | .. | 21.1 | 27 | 6.5 | .. | 2.0 | 06 | 0.0 | 35.3 | .. | 18.0 | 19 | 4 | .. | .. | .. | .. | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roorkee | 30.1 | +1.4 | 36.0 | 27 | 11.1 | -2.0 | 5.5 | 09 | 2.8 | 16.7 | -6.4 | 11.4 | 19 | 3 | +1.2 | 8.2 | 5.4 | +0.0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 30.9 | +1.2 | 37.4 | 27 | .. | .. | .. | .. | 0.0 | 0.0 | -24.4 | 0.0 | .. | 0 | -2.1 | 7.3 | 6.5 | +2.0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 31.0 | +0.9 | 35.4 | 24 | 11.4 | -3.6 | 6.4 | 08 | .. | 3.0 | -11.5 | 3.0 | 19 | 1 | -0.5 | . | 8.0 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 32.5 | +1.5 | 39.0 | 27 | 15.3 | -0.3 | 10.2 | 08 | 0.0 | 0.0 | -12.7 | 0.0 | .. | 0 | -1.2 | 14.1 | 9.5 | +3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aligarh | 31.5 | +0.5 | 37.1 | 27 | 13.6 | -1.3 | 7.7 | 09 | 0.0 | 1.2 | -10.2 | 1.2 | 18 | 0 | -1.4 | 13.7 | 8.7 | +1.5 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 32.9 | +0.4 | 38.8 | 27 | 13.0 | -1.9 | 7.8 | 08 | 0.0 | 0.0 | -9.4 | 0.0 | .. | 0 | -0.9 | 10.3 | 5.5 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra | 32.6 | +0.7 | 38.0 | 17 | 15.1 | -0.6 | 9.3 | 08 | 0.0 | 0.0 | -8.4 | 0.0 | .. | 0 | -0.8 | 1.8 | 2.5 | -2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 33.0 | .. | 37.6 | 16 | 13.4 | .. | 7.2 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Orai | 33.1 | -0.4 | 39.0 | 17 | 16.3 | -0.4 | 11.0 | 09 | 0.0 | 0.0 | -7.5 | 0.0 | .. | 0 | -1.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 33.9 | +0.4 | 40.0 | 28 | 16.6 | -0.8 | 10.3 | 08 | 0.0 | 0.0 | -9.9 | 0.0 | .. | 0 | -0.8 | 5.3 | 5.4 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PUNJAB (INCLUDING DELHI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 27.4 | +0.3 | 32.8 | 23 | 14.2 | +0.7 | 7.8 | 08 | 12.8 | 33.5 | -21.9 | 13.7 | 18 | 4 | +0.1 | .. | .. | .. | 0 | 4 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 28.1 | +0.6 | 32.8 | 04 | 11.5 | +0.0 | 8.6 | 01 | 0.8 | 31.1 | +4.7 | 23.5 | 19 | 2 | -0.2 | 12.5 | 9.2 | -0.6 | 0 | 2 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 29.0 | .. | 33.9 | 27 | 11.0 | .. | 3.9 | 08 | 7.6 | 31.4 | .. | 14.2 | 18 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 1 | 5 | 1 | 1 | 0 | 0 | 0 |
| Ludhiana | 30.0 | +1.0 | 35.2 | 16 | 9.4 | -3.5 | 1.4 | 07 | 5.0 | 17.3 | -8.6 | 7.2 | 18 | 3 | +1.1 | 9.0 | 5.7 | +1.6 | 0 | 3 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 0 |
| Ferozepur | 28.3 | +0.1 | 33.2 | 16 | 13.0 | +0.4 | 5.7 | 07 | 0.0 | 11.8 | -9.8 | 8.8 | 18 | 2 | +0.5 | 4.8 | 4.0 | +0.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 29.2 | .. | 34.3 | 17 | 10.8 | .. | 3.7 | 07 | 15.5 | 32.3 | .. | 18.0 | 19 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 1 | 4 | 0 | 1 | 0 | 0 | 0 |
| Chandigarh | 29.1 | +0.5 | 34.3 | 27 | 14.0 | -0.3 | 7.0 | 08 | 13.8 | 26.2 | +0.0 | 21.4 | 19 | 2 | -1.0 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ambala (Aerodrome) | [illegible] | .. | 34.5 | 27 | 13.1 | .. | 8.3 | 08 | 29.6 | 31.8 | .. | 29.6 | 19 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 |
| Patiala | 30.2 | +0.8 | 34.6 | 26 | 13.9 | +0.1 | 8.3 | 08 | 4.2 | 6.8 | -23.9 | 4.6 | 19 | 1 | -1.1 | 13.4 | 10.2 | +0.9 | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 30.3 | +0.9 | 35.4 | 16 | 12.0 | -0.5 | 6.2 | 07 | 2.4 | 8.4 | -19.0 | 6.0 | 18 | 1 | -2.3 | 7.5 | 5.8 | +0.6 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Karnal | [illegible] | +0.6 | 34.3 | 17 | 11.6 | -2.5 | 3.5 | 08 | 0.2 | 0.2 | -22.2 | 0.2 | 05 | 0 | -2.0 | .. | .. | .. | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hissar | [illegible] | -0.2 | 37.0 | 16 | 14.2 | +0.9 | 7.8 | 07 | 0.0 | 1.3 | -13.2 | 0.7 | 27 | 0 | -1.3 | 8.9 | 7.2 | -0.1 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | [illegible] | +0.3 | 35.4 | 27 | 14.4 | -0.7 | 7.8 | 08 | 0.0 | 1.0 | -11.9 | 1.0 | 27 | 0 | -1.3 | 20.6 | 12.8 | +2.0 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| Palam (Aerodrome) | [illegible] | .. | 36.7 | 18 | 13.1 | .. | 5.6 | 08 | 0.0 | 0.6 | .. | 0.6 | 27 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | [illegible] | [illegible] | 31.9 | 29 | 11.3 | +1.8 | 5.7 | 08 | 5.2 | 24.9 | -47.6 | 17.0 | 27 | 2 | -3.3 | 1.3 | 1.0 | -2.2 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 27.0 | [illegible] | 32.0 | 27 | 10.7 | +0.3 | 6.8 | 09 | 6.0 | 38.5 | -1.5 | 20.0 | 19 | 3 | -1.0 | .. | .. | .. | 0 | 3 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh | [illegible] | [illegible] | [illegible] | 26 | -6.5 | -0.2 | -17.9 | 08 | 0.0 | 3.2 | -5.7 | 2.4 | 05 | 0 | -1.1 | 7.1 | 7.1 | +1.8 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 13.1 | [illegible] | [illegible] | 16 | 4.0 | +0.5 | -0.1 | 08 | 53.5 | 148.6 | +54.4 | 43.4 | 18 | 7 | -0.5 | 7.8 | 6.5 | +0.9 | 0 | 9 | 2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | [illegible] | .. | [illegible] | [illegible] | 3.4 | .. | -1.0 | 07 | 45.7 | 137.8 | .. | 49.6 | 18 | 8 | .. | .. | .. | .. | 1 | 8 | 2 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Gulmarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Qazigund | 13.2 | .. | [illegible] | 16 | [illegible] | .. | -0.8 | 07 | 135.4 | 302.3 | .. | 77.8 | 23 | 9 | .. | 3.2 | 2.7 | .. | 0 | 10 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| Banihal | [illegible] | .. | [illegible] | 16 | 5.1 | .. | 0.5 | 05 | 105.0 | 234.8 | .. | 59.9 | 18 | 9 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 6 | 3 | 0 | 0 | 0 | 0 |
| Jammu | 27.1 | +0.7 | [illegible] | 27 | [illegible] | [illegible] | .. | .. | 11.5 | 32.0 | -24.4 | 15.3 | 18 | 3 | -0.7 | 7.3 | 7.9 | .. | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | [illegible] | .. | [illegible] | 17 | [illegible] | .. | 7.8 | 07 | 14.2 | 37.6 | .. | 15.7 | 18 | 3 | .. | .. | .. | .. | 0 | 4 | 0 | 2 | 5 | 1 | 0 | 0 | 0 | 0 |
| RAJASTHAN, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 30.7 | [illegible] | [illegible] | 16 | [illegible] | [illegible] | 6.2 | 07 | 0.0 | 20.0 | -1.3 | 20.0 | 18 | 1 | -0.6 | 4.5 | 1.9 | -4.6 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Anupgarh | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Mahajan | 31.4 | .. | [illegible] | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13.0 | 8.7 | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | [illegible] | [illegible] | [illegible] | 16 | 13.9 | -0.3 | [illegible] | [illegible] | 2.8 | 3.7 | -5.8 | 2.8 | 19 | 1 | -0.3 | 14.0 | 9.0 | +1.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | [illegible] | [illegible] | [illegible] | 16 | [illegible] | [illegible] | 7.3 | [illegible] | 0.0 | 0.0 | -6.3 | 0.0 | .. | 0 | -0.7 | 11.8 | 7.5 | +1.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 5.1 | 08 | 0.0 | 0.0 | -1.8 | 0.0 | .. | 0 | -0.2 | 13.0 | 9.0 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Phalodi | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 6.8 | 07 | 0.0 | 0.0 | -3.6 | 0.0 | .. | 0 | -0.3 | 17.9 | 14.3 | +1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 |
| Jaisalmer | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 26 | 0.0 | 0.0 | -2.5 | 0.0 | .. | 0 | -0.4 | 17.4 | 12.2 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | -1.4 | [illegible] | 06 | 0.0 | 0.0 | -2.8 | 0.0 | .. | 0 | -0.2 | 13.8 | 10.6 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Barmer | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 13.2 | 07 | 0.0 | 0.0 | -4.1 | 0.0 | .. | 0 | -0.5 | 10.3 | 8.7 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Bandh) | [illegible] | .. | [illegible] | [illegible] | .. | .. | .. | .. | 0.0 | 0.0 | -2.4 | 0.0 | .. | 0 | -0.1 | 6.8 | 5.8 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RAJASTHAN, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 6.5 | 08 | 1.4 | 1.4 | -6.9 | 1.4 | 19 | 0 | -1.2 | 15.3 | 10.2 | +0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | [illegible] | [illegible] | [illegible] | 16 | [illegible] | [illegible] | [illegible] | 08 | 0.0 | 0.0 | -5.5 | 0.0 | .. | 0 | -0.6 | 11.4 | 10.7 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 11.5 | 09 | 0.0 | 0.0 | [illegible] | 0.0 | .. | 0 | -0.8 | 4.1 | 2.4 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 31.3 | +0.4 | 36.6 | 16 | 14.2 | -1.3 | 8.0 | 08 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dholpur | 33.3 | +1.0 | 39.0 | 27 | 14.5 | -1.3 | 10.0 | 08 | 0.0 | 0.0 | - 20.6 | 0.0 | .. | 0 | - 1.5 | 10.6 | 6.5 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 31.4 | +0.7 | 36.1 | 16 | 16.1 | +0.4 | 9.6 | 08 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.7 | 12.5 | 9.8 | +3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tonk | .. | .. | .. | .. | 16.0 | +0.7 | 8.5 | 07 | 0.0 | 0.0 | - 1.9 | 0.0 | .. | 0 | - 0.3 | 9.6 | 6.9 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 32.2 | .. | 37.8 | 16 | 13.6 | .. | 8.4 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.7 | 7.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 33.7 | -0.4 | 38.4 | 04 | 19.3 | +0.8 | 13.8 | 09 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.5 | 9.2 | 5.2 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 33.2 | .. | 38.0 | 17 | 17.9 | .. | 12.6 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 10.0 | 9.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 33.4 | -0.5 | 38.1 | 16 | 16.7 | +0.9 | 11.5 | 09 | 0.0 | 0.0 | - 6.0 | 0.0 | .. | 0 | - 0.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 31.2 | -1.1 | 36.0 | 16 | 13.1 | -2.0 | 9.0 | 07 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.4 | 6.3 | 3.2 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 33.6 | -0.3 | 38.1 | 16 | 13.9 | -2.5 | 8.8 | 06 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.6 | 10.0 | 6.6 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 35.3 | .. | 44.1 | 18 | 17.5 | .. | 11.9 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 11.9 | 8.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 32.9 | +0.0 | 38.8 | 27 | 15.3 | -0.7 | 9.0 | 08 | 0.0 | 0.4 | - 4.6 | 0.4 | 18 | 0 | - 1.0 | 12.7 | 7.3 | +1.9 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 33.2 | -1.0 | 38.0 | 16 | 15.4 | -0.6 | 10.0 | 08 | 0.0 | 0.0 | - 8.8 | 0.0 | .. | 0 | - 1.1 | 11.2 | 7.9 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Shivpuri | 32.1 | .. | 37.0 | 27 | 10.8 | .. | 4.8 | 06 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 10.4 | 5.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 33.7 | +0.3 | 39.4 | 27 | 13.8 | -1.0 | 7.4 | 09 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.9 | 8.6 | 4.1 | -0.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Guna | 33.2 | +0.1 | 37.5 | 27 | 13.5 | -1.4 | 5.8 | 06 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 1.0 | 14.1 | 8.0 | +2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 32.0 | -0.7 | 36.7 | 16 | 16.0 | -0.8 | 9.8 | 05 | 1.0 | 1.0 | - 2.6 | 1.0 | 11 | 0 | - 0.3 | 12.7 | 9.1 | +1.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 33.7 | -0.8 | 38.8 | 27 | 14.5 | -1.7 | 7.8 | 06 | 0.0 | 0.0 | - 12.7 | 0.0 | .. | 0 | - 0.9 | 11.5 | 8.1 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 33.4 | +0.7 | 38.5 | 27 | 17.3 | -1.2 | 11.5 | 08 | 0.0 | 0.0 | - 8.9 | 0.0 | .. | 0 | - 0.9 | 9.7 | 7.6 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 33.5 | -0.6 | 37.8 | 31 | 15.9 | -2.2 | 9.3 | 05 | 0.0 | 0.0 | - 2.7 | 0.0 | .. | 0 | - 0.2 | 14.4 | 10.5 | +3.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 33.1 | -0.5 | 37.9 | 27 | 15.9 | -1.2 | 9.9 | 07 | 4.0 | 7.0 | - 1.9 | 7.0 | 12 | 1 | + 0.1 | 13.6 | 10.6 | +3.4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 33.4 | .. | 37.8 | 31 | 12.7 | .. | 5.5 | 06 | 11.6 | 11.6 | .. | 9.6 | 11 | 1 | .. | 12.1 | 8.3 | .. | 0 | 2 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 35.5 | .. | 41.0 | 27 | 13.5 | .. | 6.0 | 08 | 0.0 | 4.0 | .. | 4.0 | 13 | 1 | .. | 6.9 | 3.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 35.1 | +0.2 | 38.7 | 24 | 17.5 | -1.1 | 10.8 | 27 | 0.0 | 3.0 | - 3.3 | 1.6 | 31 | 0 | - 0.6 | 9.7 | 6.3 | +1.7 | 0 | 2 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Indore | 33.5 | -0.2 | 37.0 | 31 | 15.1 | -0.2 | 8.4 | 05 | 0.0 | 0.2 | - 2.6 | 0.2 | 12 | 0 | - 0.4 | 17.1 | 13.6 | +0.6 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Rajpur (Jhabua) | 34.4 | -0.7 | 39.0 | 31 | 16.3 | -1.1 | 9.0 | 06 | 0.0 | 0.0 | - 0.7 | 0.0 | .. | 0 | - 0.4 | 10.7 | 6.7 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 33.4 | +0.5 | 37.0 | 27 | 17.1 | +0.1 | 12.5 | 22 | 10.8 | 27.2 | + 14.9 | 14.8 | 12 | 2 | + 0.3 | 9.2 | 5.5 | -0.1 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 34.6 | +1.2 | 38.5 | 29 | 17.9 | +0.5 | 12.7 | 08 | 0.0 | 12.0 | - 10.3 | 10.0 | 12 | 1 | - 1.1 | 9.6 | 6.7 | +0.6 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Betul | 33.6 | +0.0 | 37.5 | 27 | 15.6 | -0.9 | 10.0 | 08 | 0.0 | 15.7 | + 0.0 | 8.9 | 12 | 2 | + 0.4 | 7.6 | 4.8 | -0.8 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 36.1 | -0.3 | 39.9 | 31 | 17.3 | -0.8 | 10.4 | 07 | 14.2 | 17.6 | + 12.8 | 15.8 | 11 | 1 | + 0.4 | 12.4 | 7.7 | +0.3 | 0 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 33.8 | +0.7 | 38.6 | 27 | 16.0 | +0.0 | 9.5 | 08 | 0.0 | 0.0 | - 11.9 | 0.0 | .. | 0 | - 1.2 | 8.9 | 5.8 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 33.7 | .. | 39.2 | 27 | 15.3 | .. | 9.0 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.7 | 4.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 34.5 | +1.3 | 39.8 | 20 | 14.9 | -0.2 | 8.4 | 10 | 0.0 | 0.0 | - 15.0 | 0.0 | .. | 0 | - 0.8 | 8.3 | 4.7 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 34.0 | +1.1 | 39.2 | 27 | 15.1 | -0.2 | 7.5 | 08 | 0.0 | 0.0 | - 19.1 | 0.0 | .. | 0 | - 2.1 | 8.3 | 4.8 | +0.5 | 0 | 0 | 0 | 0 | 2 | 5 | 0 | 0 | 0 | 0 |
| Jabalpur | 35.1 | +1.1 | 40.4 | 27 | 15.8 | +0.3 | 9.0 | 08 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.5 | 7.2 | 3.9 | -0.7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 32.7 | +0.9 | 36.3 | 27 | 15.0 | +0.0 | 9.1 | 07 | 0.0 | 0.0 | - 20.5 | 0.0 | .. | 0 | - 2.3 | 12.6 | 8.6 | +0.7 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Jashpurnagar | 31.6 | .. | 35.5 | 29 | 14.3 | .. | 8.7 | 08 | 0.0 | 1.4 | .. | 1.4 | 29 | 0 | .. | 10.4 | 6.2 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 32.7 | +1.2 | 36.9 | 27 | 18.3 | +0.7 | 12.0 | 08 | 0.4 | 9.7 | - 16.7 | 8.8 | 13 | 1 | - 1.3 | 10.6 | 6.9 | -0.1 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 34.8 | +1.1 | 39.4 | 27 | .. | .. | .. | .. | 0.6 | 9.2 | - 18.4 | 7.2 | 12 | 1 | - 1.1 | 7.2 | 4.1 | +1.1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Champa | 36.6 | +1.3 | 40.8 | 27 | 18.3 | -1.7 | 14.5 | 15 | 0.0 | 0.0 | - 22.7 | 0.0 | .. | 0 | - 1.7 | 8.5 | 6.5 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 37.1 | +1.4 | 42.0 | 29 | 20.1 | -0.1 | 15.6 | 13 | 0.0 | 0.0 | - 21.0 | 0.0 | .. | 0 | - 2.1 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Raipur | 35.8 | +1.1 | 40.0 | 29 | 20.4 | -0.1 | 15.8 | 08 | 0.0 | 10.0 | - 8.0 | 9.0 | 12 | 1 | - 0.6 | 8.4 | 6.5 | -0.4 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 35.4 | +1.0 | 40.0 | 29 | 19.5 | +0.7 | 15.1 | 09 | 0.0 | 9.0 | - 11.3 | 9.0 | 12 | 1 | - 0.9 | 5.8 | 5.2 | -0.3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 35.5 | +0.8 | 39.0 | 26 | 19.6 | +1.2 | 15.8 | 16 | 0.0 | 3.5 | - 10.5 | 3.5 | 11 | 1 | - 0.2 | .. | .. | .. | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 34.2 | -1.3 | 38.8 | 15 | 14.9 | -2.4 | 9.0 | 05 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | 11.5 | 8.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 33.9 | -1.4 | 39.9 | 09 | .. | .. | .. | .. | 0.0 | 90.6 | + 90.6 | 72.0 | 25 | 2 | + 2.0 | 9.0 | 6.3 | +0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 33.4 | -1.3 | 38.3 | 16 | 19.3 | -0.7 | 11.0 | 05 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | - 0.1 | 11.0 | 8.6 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 35.2 | -0.5 | 39.6 | 31 | 17.5 | -1.1 | 10.2 | 06 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.2 | 10.4 | 6.3 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 34.0 | -0.9 | 39.0 | 31 | 17.9 | -1.4 | 12.6 | 06 | 0.0 | 0.0 | - 1.6 | 0.0 | .. | 0 | - 0.1 | 13.0 | 11.0 | -2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 35.4 | .. | 39.9 | 31 | 16.2 | .. | 11.4 | 06 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 12.5 | 7.3 | .. | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 35.9 | -0.6 | 41.3 | 31 | 17.2 | -1.3 | 12.4 | 06 | 0.0 | 0.0 | - 0.4 | 0.0 | .. | 0 | - 0.1 | 9.1 | 5.6 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 36.8 | +0.2 | 42.5 | 31 | 18.0 | +1.4 | 12.6 | 06 | 0.0 | 0.0 | - 0.9 | 0.0 | .. | 0 | - 0.1 | 7.6 | 6.1 | +2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 36.4 | -1.2 | 41.4 | 31 | 18.3 | -1.5 | 11.8 | 06 | 0.0 | 0.0 | - 1.6 | 0.0 | .. | 0 | - 0.1 | 5.4 | 4.1 | -2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 36.0 | -0.1 | 40.4 | 16 | 18.4 | -1.7 | 13.3 | 06 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | - 0.1 | 10.4 | 8.2 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maliya | 32.3 | -0.3 | 38.6 | 15 | 14.3 | -1.6 | 7.0 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 18.7 | 13.0 | +3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Bhadramata) | 33.8 | -0.2 | 38.9 | 16 | 16.0 | -2.3 | 10.0 | 07 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.2 | 15.9 | 12.1 | +3.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 34.4 | .. | 39.5 | 16 | 16.8 | .. | 10.7 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 19.9 | 19.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 32.3 | +0.3 | 36.8 | 15 | 18.5 | -1.7 | 13.4 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 16.0 | 15.9 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 29.9 | +0.1 | 36.4 | 12 | 18.1 | -0.5 | 13.0 | 07 | 0.0 | 0.0 | - 0.7 | 0.0 | .. | 0 | - 0.2 | 22.8 | 19.5 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 35.0 | -1.7 | 39.2 | 31 | 18.5 | -1.4 | 13.1 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 12.2 | 10.4 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 27.8 | .. | 31.6 | 02 | 21.8 | .. | 20.0 | 06 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 19.5 | 21.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 32.4 | -0.5 | 36.6 | 16 | 15.7 | -1.9 | 10.0 | 07 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 30.2 | +2.0 | 37.3 | 15 | 20.9 | -0.6 | 14.4 | 07 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.2 | 19.0 | 17.8 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 34.5 | -0.8 | 39.3 | 31 | 16.1 | -1.1 | 10.2 | 05 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.2 | 21.9 | 17.5 | +1.9 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 34.6 | -0.1 | 38.4 | 31 | 17.9 | -1.7 | 11.6 | 06 | 0.0 | 0.0 | - 1.2 | 0.0 | .. | 0 | - 0.1 | 20.5 | 16.9 | +7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 33.1 | +1.6 | 39.0 | 15 | 18.7 | -1.8 | 13.2 | 05 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 19.6 | 14.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 35.2 | -0.4 | 40.7 | 16 | 16.4 | -1.1 | 11.6 | 05 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 20.9 | 15.6 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| Mahuva | 34.2 | .. | 38.3 | 15 | 17.8 | .. | 14.4 | 22 | 0.0 | 0.0 | - 1.4 | 0.0 | .. | 0 | - 0.1 | 7.6 | 9.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 31.3 | +0.2 | 38.6 | 16 | 17.9 | -0.5 | 11.9 | 05 | 0.0 | 0.0 | - 1.3 | 0.0 | .. | 0 | - 0.1 | 20.3 | 16.5 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 29.9 | -0.4 | 34.6 | 18 | .. | .. | .. | .. | 0.0[a] | 0.0[b] | .. | .. | .. | .. | .. | 20.7 | 15.9 | +1.9 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 32.9 | +0.1 | 38.5 | 15 | 20.3 | +0.1 | 15.7 | 06 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 14.6[b] | 8.7[c] | -1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 31.0 | +0.0 | 36.9 | 15 | 22.6 | -0.1 | 19.0 | 06 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | 13.9 | 10.9 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 30.5 | +0.4 | 35.4 | 16 | 20.7 | -0.5 | 16.4 | 07 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | . | 9.7 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 28.9 | .. | 42.0 | 17 | 19.2 | .. | 15.5 | 20 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.3 | 3.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 28.9 | +0.0 | 31.8 | 16 | 23.9 | -0.2 | 21.2 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 20.7 | 16.5 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Ratnagiri | 31.2 | -0.2 | 36.0 | 15 | 22.0 | -0.6 | 18.3 | 06 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | 11.6 | 6.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 30.4 | -0.6 | 31.7 | 19 | 23.6 | -0.3 | 22.0 | 21 | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.1 | 20.0 | 15.6 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.5 | -0.5 | 34.8 | 15 | 21.4 | -0.5 | 18.1 | 21 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 13.7 | 7.6 | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Panjim | 31.5 | .. | 33.9 | 15 | 22.9 | .. | 20.7 | 06 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.8 | 10.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mormugao | 30.2 | +0.2 | 31.6 | 15 | 24.2 | +0.3 | 22.2 | 21 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | 16.8 | 14.2 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 30.8 | .. | 33.0 | 13 | 23.9 | .. | 21.4 | 21 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 11.6 | 8.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 36.6 | -0.8 | 40.8 | 31 | 20.8 | -1.2 | 15.6 | 05 | 0.0 | 0.0 | - 1.2 | 0.0 | .. | 0 | - 0.2 | 11.1 | 8.6 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 37.3 | -0.3 | 41.9 | 31 | 18.2 | -0.5 | 11.4 | 06 | 13.0 | 13.0 | + 9.4 | 13.0 | 11 | 1 | + 0.6 | 16.1 | 13.3 | +3.7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 36.0 | -0.5 | 39.2 | 31 | 16.0 | -1.0 | 9.7 | 07 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | 9.7 | 7.6 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | D.N. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ahmadnagar | 36.2 | +0.6 | 38.4 | 24 | 17.9 | -0.1 | 13.1 | 21 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.3 | 10.9 | 8.0 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 36.3 | .. | 39.4 | 31 | 17.8 | .. | 12.2 | 20 | 1.2 | 1.2 | .. | 1.2 | 11 | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Poona | 35.8 | +0.2 | 38.7 | 31 | 15.7 | +0.3 | 10.7 | 28 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.2 | 8.2 | 5.7 | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 3[illegible].3 | -0.6 | 38.8 | 26 | 18.5 | +0.1 | 12.7 | 21 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | 11.7 | 8.8 | +0.9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baramati | .. | .. | .. | .. | 17.8 | -0.7 | 13.0 | 06 | 0.0 | 0.0 | - 2.6 | 0.0 | .. | 0 | - 0.5 | 9.4 | 8.6 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 37.7 | +0.6 | 40.6 | 27 | 22.0 | +0.9 | 18.1 | 21 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.6 | 11.8 | 9.3 | +1.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 36.3 | +0.1 | 38.6 | 29 | 18.3 | -0.3 | 13.9 | 21 | 0.0 | 2.2 | - 1.6 | 2.2 | 10 | 0 | - 0.7 | .. | .. | .. | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 36.4 | +0.5 | 39.1 | 25 | 18.7 | -0.1 | 14.4 | 21 | 0.0 | 2.8 | - 6.9 | 2.5 | 11 | 1 | + 0.3 | 11.3 | 10.7 | +0.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 35.5 | -0.1 | 38.4 | 26 | 20.3 | +0.2 | 16.4 | 21 | 0.0 | 0.6 | - 3.5 | 0.6 | 10 | 0 | - 0.5 | 10.9 | 10.5 | -0.2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 35.3 | -0.3 | 37.9 | 26 | 16.6 | -0.7 | 10.6 | 21 | 0.0 | 3.6 | - 6.0 | 2.8 | 10 | 1 | + 0.1 | 13.5 | 10.2 | +0.3 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 35.3 | -1.8 | 39.9 | 29 | 19.4 | -0.5 | 16.5 | 21 | 6.0 | 24.6 | + 13.2 | 18.6 | 10 | 2 | + 1.3 | 8.9 | 6.6 | -1.1 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nander | 37.3 | .. | 40.8 | 27 | 18.4 | .. | 14.0 | 21 | 10.2 | 16.4 | .. | 12.6 | 11 | 2 | .. | 7.7 | 6.1 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bir | 36.5 | .. | 38.9 | 31 | 17.8 | .. | 12.3 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.5[a] | 6.0[a] | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 36.4 | +1.2 | 40.5 | 29 | 19.8 | +0.2 | 15.3 | 08 | 0.0 | 6.2 | - 11.2 | 6.0 | 12 | 1 | - 1.0 | 5.0 | 3.4 | -0.6 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 36.9 | +0.5 | 41.0 | 27 | 18.8 | -0.3 | 14.0 | 08 | 0.0 | 8.8 | - 8.0 | 6.6 | 12 | 1 | - 0.6 | 11.4 | 9.9 | .. | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 3 | 0 |
| Amraoti | 36.7 | +0.5 | 41.0 | 27 | 21.0 | -0.2 | 16.7 | 22 | 0.0 | 3.8 | - 5.6 | 3.8 | 12 | 1 | + 0.2 | 11.8 | 9.3 | -0.1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 36.7 | .. | 41.0 | 27 | 16.9 | .. | 11.7 | 06 | 9.0 | 25.1 | .. | 14.6 | 10 | 2 | .. | 12.1 | 9.2 | .. | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Akola | 36.6 | -0.5 | 40.6 | 27 | 16.2 | -3.2 | 10.2 | 06 | 3.4 | 29.6 | + 21.7 | 16.2 | 12 | 2 | + 1.3 | 7.9 | 6.2 | -0.4 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Buldhana | 36.8 | +1.4 | 40.6 | 27 | 19.3 | +0.2 | 15.4 | 23 | 0.0 | 10.8 | - 25.0 | 10.8 | 12 | 1 | - 1.9 | 6.8 | 4.5 | -0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 33.7 | -0.5 | 36.8 | 31 | 20.0 | -1.6 | 14.9 | 12 | 9.7 | 20.0 | + 13.7 | 18.9 | 10 | 1 | + 0.3 | 11.0 | 9.6 | +0.5 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Chanda | 36.0 | -0.3 | 40.2 | 27 | 20.7 | -0.9 | 15.8 | 11 | 32.0 | 45.0 | + 25.8 | 32.0 | 11 | 3 | + 1.3 | 12.2 | 9.9 | -0.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 37.4 | +0.7 | 41.3 | 27 | 21.0 | +1.2 | 16.3 | 22 | 0.0 | 14.2 | - 0.5 | 9.6 | 12 | 2 | + 0.8 | 9.0 | 6.3 | +1.6 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 37.3 | .. | 41.4 | 30 | 15.5 | .. | 13.1 | 23 | 0.2 | 17.6 | .. | 17.4 | 12 | 1 | .. | 8.8 | 7.1 | .. | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 37.7 | +0.3 | 41.4 | 26 | 21.9 | -0.3 | 18.6 | 16 | 0.0 | 1.2 | - 15.4 | 1.2 | 12 | 0 | - 1.1 | 6.3 | 4.5 | -1.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 32.6 | +0.7 | 36.8 | 16 | 22.6 | -0.2 | 18.6 | 17 | 0.0 | 0.0 | - 11.7 | 0.0 | .. | 0 | - 0.6 | 18.7 | 12.3 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 S.E.)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **COASTAL ANDHRA PRADESH (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Vishakhapatnam | 34.4 | +3.2 | 38.4 | 28 | 23.1 | +0.5 | 19.4 | 15 | 0.0 | 0.0 | - 11.2 | 0.0 | .. | 0 | - 0.7 | 19.9 | 10.5 | +0.9 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 34.2 | +1.2 | 37.1 | 26 | 23.1 | +0.0 | 21.0 | 01 | 0.0 | 0.0 | - 11.7 | 0.0 | .. | 0 | - 0.7 | 10.1 | 7.6 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 34.6 | +0.4 | 36.2 | 29 | 22.5 | +0.2 | 19.0 | 12 | 0.0 | 0.0 | - 18.2 | 0.0 | .. | 0 | - 1.1 | 8.5 | 5.0 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bentachintala | 38.1 | +0.6 | 41.0 | 29 | 24.1 | +1.1 | 19.6 | 12 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.5 | 7.1 | 7.3 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 36.0 | +0.4 | 37.7 | 26 | 22.8 | +0.5 | 19.4 | 12 | 0.0 | 0.0 | - 12.0 | 0.0 | .. | 0 | - 0.5 | 14.1 | 10.6 | -0.1 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Masulipatam | 32.6 | +0.7 | 36.2 | 28 | 22.5 | -0.4 | 19.7 | 01 | 0.0 | 0.0 | - 13.5 | 0.0 | .. | 0 | - 0.6 | 5.2 | 3.2 | -5.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 34.9 | +2.6 | 39.7 | 18 | 23.9 | +0.6 | 21.0 | 01 | 0.0 | 0.0 | - 6.7 | 0.0 | .. | 0 | - 0.3 | 16.6 | 13.3 | +4.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 35.6 | +1.1 | 39.7 | 18 | 23.4 | +0.3 | 21.8 | 17 | 0.0 | 0.0 | - 6.9 | 0.0 | .. | 0 | - 0.4 | 10.8 | 9.4 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 37.5 | -0.2 | 41.0 | 26 | 21.9 | -0.8 | 18.0 | 13 | 3.8 | 5.0 | - 5.9 | 3.8 | 11 | 1 | + 0.1 | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Nizamabad | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hanamkonda | 36.8 | +0.9 | 40.3 | 26 | 21.4 | -0.8 | 17.0 | 11 | 6.9 | 12.5 | + 1.3 | 10.4 | 11 | 1 | + 0.2 | 6.9 | 7.7 | -2.0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 35.0 | .. | 38.2 | 27 | 21.7 | .. | 18.9 | 13 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 37.9 | +0.7 | 40.8 | 26 | 23.1 | +0.3 | 21.0 | 16 | 0.0 | 9.2 | + 0.9 | 9.2 | 11 | 1 | + 0.2 | 5.3 | 5.3 | -3.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 35.8 | +1.0 | 39.0 | 29 | 21.8 | +1.8 | 18.7 | 01 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 0.8 | 12.0 | 7.6 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 37.7 | +0.9 | 40.8 | 28 | 23.5 | +0.4 | 20.8 | 12 | 0.0 | 0.0 | - 11.2 | 0.0 | .. | 0 | - 0.3 | 3.5 | 3.5 | -5.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 36.0 | +0.4 | 38.4 | 25 | 21.7 | +0.5 | 17.9 | 11 | 0.0 | 8.4 | + 0.5 | 8.4 | 11 | 1 | + 0.6 | 9.7 | 6.5 | -1.9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 37.8 | +0.3 | 40.2 | 28 | 22.5 | +0.0 | 17.4 | 01 | 0.0 | 0.5 | - 4.8 | 0.5 | 11 | 0 | - 0.4 | 8.3 | 6.3 | -1.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anantapur | 36.8 | +0.0 | 39.3 | 29 | 23.2 | +1.6 | 18.6 | 02 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.3 | 10.2 | 9.9 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 38.8 | +1.1 | 41.9 | 29 | 24.2 | +0.2 | 21.3 | 12 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.4 | 9.8 | 7.9 | -3.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 34.2 | +1.0 | 36.6 | 28 | 18.8 | -0.3 | 15.6 | 30 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.4 | 9.9 | 9.2 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 32.7 | +1.0 | 36.1 | 17 | 23.6 | +0.7 | 21.3 | 02 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 34.1 | +1.4 | 37.2 | 17 | 23.8 | +0.7 | 22.0 | 02 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 0.6 | 13.9 | 9.5 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 35.5 | +1.0 | 38.2 | 27 | 21.7 | +0.3 | 18.3 | 29 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.5 | 9.4 | 7.7 | +0.2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 35.6 | .. | 38.8 | 29 | 23.1 | .. | 21.3 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Tiruppattur | 35.0 | -0.4 | 37.1 | 29 | 18.7 | -0.9 | 12.8 | 29 | 0.0 | 0.0 | - 11.0 | 0.0 | .. | 0 | - 0.6 | 5.9 | 4.5 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 37.6 | .. | 39.9 | 28 | 24.6 | .. | 21.5 | 30 | 0.0 | 3.0 | .. | 3.0 | 04 | 1 | .. | 5.8 | 7.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 31.8 | +1.0 | 34.5 | 25 | 23.1 | +0.2 | 21.3 | 28 | 6.2 | 31.2 | + 12.1 | 25.0 | 13 | 2 | + 1.2 | 13.0 | 8.7 | -1.0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 36.2 | +0.3 | 39.3 | 26 | 22.9 | +0.5 | 20.4 | 17 | 0.8 | 0.8 | - 7.9 | 0.8 | 14 | 0 | - 0.8 | 7.3 | 5.5 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Salem | 36.9 | +0.8 | 40.2 | 28 | 23.8 | +1.3 | 21.0 | 17 | 0.0 | 0.0 | - 11.2 | 0.0 | .. | 0 | - 0.8 | 10.0 | 10.5 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 35.4 | +0.3 | 38.1 | 28 | 22.3 | +0.9 | 18.9 | 29 | 0.0 | 3.6 | - 2.2 | 3.6 | 13 | 1 | + 0.4 | 12.1 | 13.6 | +1.6 | 0 | 1 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| Coimbatore | 35.4 | +0.7 | 37.9 | 28 | 24.8 | +2.7 | 22.2 | 03 | .. | 7.6 | - 4.3 | 7.2 | 14 | 1 | + 0.1 | .. | 4.2 | -2.9 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 31.2 | +0.9 | 33.5 | 23 | 25.6 | +0.5 | 23.2 | 27 | 2.0 | 2.0 | - 22.1 | 1.0 | 14 | 0 | - 1.3 | 15.4 | 13.8 | -0.5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 35.7 | +0.6 | 38.4 | 26 | 23.6 | +0.7 | 21.4 | 17 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.8 | 10.4 | 9.9 | +1.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 33.6 | .. | 35.0 | 27 | 24.3 | .. | 21.7 | 16 | 46.5 | 68.8 | .. | 46.5 | 14 | 2 | .. | 3.1 | 2.4 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atiramapattinam | 32.6 | .. | 35.0 | 27 | 24.1 | .. | 22.2 | 28 | 58.6 | 58.6 | .. | 37.0 | 13 | 3 | .. | 13.7 | 10.2 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 35.0 | +0.0 | 37.6 | 26 | 24.1 | +0.7 | 21.5 | 29 | .. | 1.6 | - 20.0 | 1.6 | 14 | 0 | - 1.3 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 35.7 | +0.7 | 37.8 | 26 | 23.4 | +0.8 | 21.0 | 28 | 6.4 | 6.7 | - 17.0 | 6.7 | 14 | 1 | - 0.2 | 10.2 | 8.2 | -1.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 31.3 | +0.6 | 32.5 | 27 | 25.1 | +0.2 | 22.6 | 14 | 2.8 | 82.8 | + 59.3 | 38.2 | 13 | 4 | + 3.3 | 16.0 | 15.2 | -1.4 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 32.5 | +1.7 | 34.1 | 25 | 25.3 | +0.2 | 24.0 | 31 | 109.3 | 30.7 | + 8.1 | 17.3 | 31 | 4 | + 2.4 | 13.0 | 11.1 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 31.9 | +2.2 | 34.5 | 23 | 24.4 | -0.5 | 22.7 | 03 | 25.4 | 67.9 | + 38.3 | 44.0 | 14 | 3 | + 1.7 | 20.8 | 15.8 | -0.6 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 35.9 | +0.9 | 38.6 | 27 | 24.9 | +0.5 | 21.6 | 03 | 27.4 | 58.0 | + 28.0 | 28.6 | 13 | 3 | + 0.9 | 9.3 | 7.2 | -0.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 32.6 | .. | 34.6 | 25 | 25.4 | .. | 23.6 | 14 | 13.0 | 13.0 | .. | 13.0 | 16 | 1 | .. | 15.0 | 14.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 29.3 | -1.6 | 30.8 | 16 | 24.7 | +2.2 | 20.3 | 29 | 12.2 | 9.0 | + 8.7 | 0.0 | .. | 0 | + 0.0 | 12.2 | 9.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 31.5 | -0.4 | 33.2 | 15 | 23.0 | +0.3 | 20.4 | 28 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 33.1 | +0.1 | 35.6 | 15 | 24.0 | +0.5 | 21.9 | 21 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.1 | 12.3 | 7.3 | -0.5 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mangalore | 31.5 | -0.2 | 33.8 | 15 | 25.1 | +0.6 | 23.2 | 21 | 0.0 | 0.0 | - 8.9 | 0.0 | .. | 0 | - 0.5 | 13.0 | 9.9 | +1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 35.0 | +0.4 | 37.8 | 27 | 22.3 | +0.4 | 17.2 | 12 | 0.0 | 24.0 | + 12.1 | 18.2 | 12 | 3 | + 1.9 | 12.7 | 11.7 | +0.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 37.2 | +0.4 | 40.0 | 27 | 22.2 | +0.5 | 19.0 | 16 | 0.0 | 13.4 | + 4.3 | 12.2 | 10 | 1 | + 0.2 | 12.4 | 9.9 | -0.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 37.2 | +1.2 | 39.9 | 29 | 21.8 | +0.5 | 19.2 | 04 | 0.2 | 6.4 | - 0.7 | 4.8 | 10 | 1 | + 0.3 | 7.6 | 6.3 | +0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Raichur | 37.6 | +1.0 | 40.5 | 27 | 23.4 | -0.3 | 20.4 | 01 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.5 | 11.1 | 10.9 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 35.9 | +0.9 | 37.9 | 26 | 17.8 | -0.2 | 15.2 | 19 | 0.0 | 15.4 | + 5.5 | 15.4 | 10 | 1 | + 0.2 | 8.3 | 5.3 | -1.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum (Samra) | 34.1 | -0.2 | 36.3 | 29 | 18.8 | +0.2 | 15.6 | 19 | 3.2 | 35.4 | + 23.9 | 31.6 | 10 | 2 | + 1.0 | 18.9 | 8.3 | -4.0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 36.5 | +0.5 | 38.2 | 30 | 20.9 | -0.1 | 18.3 | 19 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.6 | 7.6 | 7.4 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE 11 - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 38.8 | +1.6 | 41.0 | 25 | 23.3 | +0.4 | 19.6 | 03 | 0.0 | 0.0 | - 4.8 | 0.0 | .. | 0 | - 0.5 | 7.4 | 5.5 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 35.3 | +0.6 | 37.2 | 29 | 21.0 | +0.4 | 19.6 | 02 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.4 | 8.1 | 6.6 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 35.0 | +0.6 | 37.7 | 31 | 19.5 | +0.4 | 17.7 | 20 | 0.0 | 16.4 | + 5.9 | 16.4 | 13 | 1 | + 0.1 | 3.7 | 3.2 | -1.7 | 0 | 1 | 0 | 0 | 1 | 6 | 0 | 0 | 0 | 0 |
| Agumbe | 30.4 | .. | 33.4 | 15 | 17.6 | .. | 12.0 | 21 | .. | 2.0 | .. | 2.0 | 15 | 0 | .. | . | 3.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 34.1 | +2.0 | 35.9 | 30 | 18.1 | +0.6 | 15.6 | 20 | .. | 2.6 | - 19.2 | 2.6 | 10 | 1 | - 0.3 | .. | .. | .. | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 33.6 | +0.5 | 35.9 | 28 | 18.9 | +0.7 | 17.1 | 20 | 0.0 | 6.2 | - 4.5 | 6.2 | 07 | 1 | + 0.2 | 5.7 | 5.1 | -1.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 32.5 | +0.2 | 35.0 | 28 | 20.5 | +1.5 | 17.3 | 02 | 0.0 | 0.4 | - 10.3 | 0.4 | 14 | 0 | - 0.8 | 9.1 | 8.3 | -1.1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 32.6 | -0.4 | 34.6 | 28 | 19.1 | +0.4 | 14.3 | 20 | 0.0 | 0.0 | - 5.3 | 0.0 | .. | 0 | - 0.6 | .. | .. | .. | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 33.5 | +0.0 | 36.0 | 28 | 21.1 | +0.9 | 19.1 | 04 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 0.9 | 9.4 | 9.1 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 33.1 | +0.5 | 33.9 | 26 | 25.3 | +0.6 | 24.4 | 20 | 0.0 | 2.6 | - 15.9 | 2.2 | 13 | 0 | - 0.8 | 13.6 | 14.0 | +1.7 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 33.1 | -0.3 | 36.6 | 30 | 24.6 | +0.1 | 22.4 | 14 | 0.0 | 25.6 | + 1.3 | 13.0 | 14 | 2 | + 0.4 | 10.5 | 8.9 | +0.4 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 31.7 | +0.4 | 33.5 | 12 | 24.8 | -1.0 | 23.4 | 05 | 0.0 | 8.4 | - 43.9 | 4.6 | 05 | 2 | - 1.0 | 17.8 | 11.7 | +1.1 | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 32.[illegible] | .. | 33.9 | 12 | 25.0 | .. | 23.0 | 05 | 0.0 | 18.9 | .. | 12.8 | 05 | 2 | .. | 14.4 | 10.8 | .. | 0 | 5 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 32.7 | +0.2 | 33.4 | 11 | 25.2 | +0.3 | 22.1 | 31 | 0.0 | 81.0 | + 4.4 | 21.0 | 14 | 9 | + 4.8 | 18.3 | 14.4 | +2.0 | 0 | 11 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 32.1 | +0.2 | 37.3 | 12 | 23.5 | +0.9 | 22.2 | 19 | 38.2 | 73.0 | - 19.6 | 52.2 | 24 | 3 | - 2.3 | 6.3 | 4.4 | -0.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 32.8 | +0.2 | 35.0 | 10 | 24.7 | +0.5 | 23.1 | 14 | 1.2 | 53.1 | + 14.5 | 29.0 | 31 | 2 | - 0.7 | 13.0 | 8.1 | +1.5 | 0 | 7 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 32.3 | -0.1 | 33.6 | 20 | .. | .. | .. | .. | .. | 40.6 | + 15.2 | 20.8 | 14 | 2 | - 0.1 | . | 7.7 | +0.1 | 0 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **ANDAMAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A[illegible] | 32.7 | -0.[illegible] | 33.0 | 27 | 25.9 | +0.2 | 24.3 | 08 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.3 | 13.2 | 14.5 | +5.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A[illegible] | 30.9 | .. | 31.7 | 15 | 28.4 | .. | 27.3 | 13 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.6 | 9.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| A[illegible] | 31.9 | .. | 33.0 | 15 | 26.6 | .. | 23.2 | 16 | 2.2 | 16.6 | .. | 14.4 | 15 | 1 | .. | 6.4 | 5.5 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | 31.4 | +0.6 | 32.1 | 14 | 25.4 | +0.7 | 22.1 | 23 | 8.3 | 8.3 | - 12.5 | 8.3 | 16 | 1 | - 0.4 | 9.2 | 6.8 | -0.1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 17.6 | -0.1 | 23.1 | 15 | 5.3 | -2.7 | - 2.1 | 05 | 40.3 | 177.5 | + 55.3 | 75.0 | 18 | 4 | - 2.2 | 4.4 | 5.1 | -0.8 | 0 | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 21.4 | +0.3 | 26.6 | 16 | 11.0 | -0.8 | 5.7 | 07 | 9.4 | 58.4 | - 59.9 | 33.4 | 19 | 4 | - 2.5 | 9.3 | 7.3 | +1.3 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Shantar | 23.0 | .. | 28.7 | 15 | 7.3 | .. | 4.0 | 09 | 7.3 | 75.1 | .. | 35.5 | 19 | 4 | .. | 8.4 | 6.4 | .. | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Simla | 19.0 | +0.6 | 19.9 | 18 | .. | .. | .. | .. | 1.5 | 54.1 | - 9.9 | 26.6 | 05 | 4 | - 1.2 | 6.0 | 4.6 | -0.1 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 40.6 | - 18.4 | 22.4 | 13 | 4 | + 0.1 | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| [illegible] | -1.8 | +1.1 | -0.2 | 30 | - 8.3 | -0.6 | -11.0 | 20 | .. | 153.4 | - 25.9 | 45.6 | 19 | 8 | - 4.5 | .. | .. | .. | 0 | 9 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Badrinath * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| [illegible] | 16.1 | +1.1 | 24.2 | 26 | 9.9 | +3.3 | 2.6 | 19 | 6.3 | 66.9 | - 53.2 | 45.8 | 19 | 4 | - 3.3 | 6.0 | 7.0 | -1.6 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| [illegible] | 17.8 | +1.6 | 24.8 | 20 | 7.2 | +0.0 | - 0.1 | 06 | 0.0 | 25.8 | - 32.0 | 21.4 | 19 | 2 | - 2.2 | 4.1 | 9.5 | +1.6 | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| [illegible] (Kurseong) | 18.3 | +2.8 | 24.4 | 26 | 6.6 | +0.2 | 0.6 | 06 | 4.6 | 10.8 | - 37.7 | 4.4 | 21 | 2 | - 2.1 | 14.7 | 13.7 | +0.8 | 0 | 2 | 0 | 2 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nainital | 17.1 | +0.4 | 23.0 | 26 | 7.7 | -0.2 | 0.3 | 06 | 3.0 | 4.4 | - 49.3 | 2.0 | 19 | 0 | - 4.1 | 10.5 | 8.0 | +0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 21.7 | +1.1 | 26.5 | 30 | 13.9 | +1.7 | 12.0 | 21 | 0.0 | 0.0 | - 29.2 | 0.0 | .. | 0 | - 3.2 | 15.8 | 11.7 | +2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | .. | .. | .. | .. | 8.0 | +0.3 | 4.4 | 09 | 0.0 | 0.0 | - 53.9 | 0.0 | .. | 0 | - 4.3 | 4.0 | 3.5 | +0.4 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Kohima | 21.5 | +0.[illegible] | 27.1 | 29 | 8.7 | -4.8 | 5.2 | 21 | 11.2 | 34.6 | - 20.6 | 16.8 | 01 | 3 | - 2.4 | . | 4.6 | -3.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong | 24.0 | +2.5 | 29.0 | 29 | 11.4 | +0.9 | 7.0 | 08 | 0.0[a] | 4.8 | - 51.6 | 4.8 | 20 | 1 | - 3.3 | 3.4[d] | 5.1[d] | -1.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cherrapunji | 23.4 | +1.9 | 27.0 | 29 | 12.2 | -0.7 | 8.2 | 04 | 28.2 | 36.4 | -154.1 | 14.6 | 20 | 2 | - 5.3 | 10.7 | 7.1 | -4.7 | 0 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| [illegible] | 25.0 | -0.3 | 28.6 | 11 | 13.5 | -2.4 | 8.0 | 06 | 0.0 | 0.0 | - 3.9 | 0.0 | .. | 0 | - 0.5 | 11.9 | 8.9 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| [illegible] | 29.0 | +0.1 | 34.0 | 27 | 14.3 | -0.5 | 6.9 | 08 | 3.6 | 6.4 | - 8.3 | 6.4 | 12 | 1 | - 0.3 | 6.4 | 4.9 | +0.4 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | 29.7 | +0.9 | 32.0 | 30 | 16.7 | -0.7 | 12.2 | 19 | 0.0 | 0.0 | - 4.6 | 0.0 | .. | 0 | - 0.4 | 10.8 | 10.9 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | 29.3 | +0.8 | 31.5 | 28 | 16.4 | -0.2 | 15.0 | 31 | 16.6 | 27.6 | + 8.8 | 11.6 | 14 | 3 | + 1.6 | 8.0 | 7.9 | -0.1 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | 21.6 | -0.3 | 24.1 | 22 | 9.3 | +0.9 | 6.0 | 11 | 6.6 | 6.6 | - 25.9 | 6.6 | 14 | 1 | - 1.4 | 3.4 | 2.3 | -1.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| [illegible] | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| [illegible] | 20.0 | +0.8 | 21.8 | 28 | 10.3 | +0.3 | 7.6 | 04 | 48.3 | 56.4 | + 4.8 | 25.4 | 04 | 3 | - 0.2 | 14.1 | 13.8 | +0.3 | 1 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **NEFA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | 26.0 | +0.8 | 31.2 | 29 | 6.9 | -1.1 | 3.4 | 13 | 0.0 | 0.6 | - 32.4 | 0.6 | 05 | 0 | - 3.2 | 1.8 | 0.7 | -1.2 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen[b] | 11.9 | +1.6 | .. | .. | 4.7 | +6.2 | .. | .. | .. | 128.0 | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 32.5 | .. | 38.7 | 28 | 16.6 | .. | 10.8 | 10 | 0.0 | 0.5 | .. | 0.5 | 20 | 0 | .. | 13.7 | 8.0 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 31.2 | .. | 37.4 | 28 | 15.4 | .. | 9.0 | 10 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 12.1 | 7.0 | .. | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Konar | 31.9 | .. | 34.1 | 31 | 14.9 | .. | 12.1 | 04ds | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.5 | 4.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 35.2 | .. | 41.4 | 28 | 12.6 | .. | 6.0 | 10 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.5 | 5.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maithon | 36.0 | .. | 40.9 | 19 | 14.5 | .. | 10.7 | 12 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ramgarh | 36.5 | .. | 41.4 | 29 | 13.6 | .. | 10.0 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pencher Hills | 34.8 | .. | 39.2 | 19 | 18.8 | .. | 13.9 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.0 | 6.2 | .. | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER -MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Durgapur | 35.2 | .. | 40.6 | 28 | 17.4 | .. | 13.6 | 08 | 0.0 | 2.0 | .. | 2.0 | 20 | 0 | .. | 11.8 | 7.6 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 35.0 | .. | 38.8 | 28 | 14.7 | .. | 10.1 | 08 | .. | 0.2 | .. | 0.2 | 29 | 0 | .. | .. | .. | .. | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 35.9 | .. | 40.9 | 28 | 20.3 | .. | 15.7 | 13 | 2.4 | 2.4 | .. | 2.4 | 13 | 0 | .. | 5.0 | 3.0 | .. | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 35.5 | .. | 39.6 | 28 | 17.8 | .. | 13.5 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.7 | 3.2 | .. | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Sonepur | 36.2 | .. | 40.5 | 27 | 22.7 | .. | 16.1 | 22 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | . | 4.5 | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 36.1 | .. | 40.7 | 29 | 19.1 | .. | 15.1 | 21 | 0.0 | 18.8 | .. | 17.6 | 12 | 1 | .. | 9.5 | 6.1 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 34.3 | .. | 39.2 | 27 | .. | .. | .. | .. | 0.0 | 1.6 | .. | 1.6 | 12 | 0 | .. | 10.5 | 6.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 35.4 | .. | 39.4 | 25 | .. | .. | .. | .. | 19.7 | 22.5 | .. | 16.5 | 12 | 2 | .. | 10.3 | 7.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 37.9 | .. | 41.0 | 16 | 16.5 | .. | 10.3 | 06 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 34.0 | .. | 35.4 | 03 | 14.9 | .. | 11.2 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 17.6 | .. | 24.4 | 27 | 2.5 | .. | - 2.9 | 13 | 1.5 | 7.5 | .. | 3.9 | 18 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 27.6[c] | .. | 33.1 | 29 | 14.8 | .. | 9.9 | 21 | 5.8 | 14.8 | .. | 7.6 | 20 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 23.2[d] | .. | 29.2 | 27 | 8.0[e] | .. | 4.4 | 21 | 1.2 | 8.1 | .. | 4.8 | 19 | 2 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 27.3 | .. | 32.6 | 29 | 14.1 | .. | 10.2 | 08 | 1.6 | 1.6 | .. | 1.6 | 06 | 0 | .. | 5.6 | 5.3 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 26.3 | .. | 31.5 | 29 | 15.9 | .. | 11.3 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | 16.0 | .. | 12.2 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 23.6 | .. | 25.8 | 19 | 11.3 | .. | 9.8 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 20.0 | .. | 25.4 | 26 | 9.6 | .. | 4.9 | 07 | 11.4 | 12.8 | .. | 6.3 | 21 | 2 | .. | 7.5 | 5.7 | .. | 0 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Sallyana | 24.3 | .. | 30.7 | 26 | 13.3 | .. | 7.7 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 32.3 | .. | 37.4 | 29 | 18.4 | .. | 11.4 | 07 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **BAGMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | Data included under Nepal | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 27.1[a] | .. | 31.9 | 11 | 14.2[a] | .. | 10.1 | 18 | 0.0[a] | 0.0[a] | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 10.7[c] | .. | 14.5 | 27 | 0.6[a] | .. | - 3.5 | 21 | 0.0 | 33.7 | .. | 14.8 | 19 | 4 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 25.8 | .. | 30.7 | 29 | 11.9 | .. | 8.2 | 21 | 1.8 | 21.6 | .. | 15.0 | 19 | 2 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 21.2 | .. | 28.6 | 29 | 12.9 | .. | 9.3 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 20.7 | .. | 25.5 | 29 | 9.5 | .. | 5.4 | 21 | 1.5 | 7.9 | .. | 7.8 | 19 | 1 | .. | .. | .. | .. | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Okhaldhunga | 21.1 | .. | 25.3 | 29 | 10.4 | .. | 6.4 | 09 | 2.2 | 2.2 | .. | 2.2 | 06 | 0 | .. | 7.3 | 5.5 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chainpur | 25.8 | .. | 28.3 | 31 | 14.1 | .. | 11.9 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 25.6[f] | .. | 31.9 | 29 | .. | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 32.0 | .. | 36.6 | 30 | 16.9 | .. | 12.0 | 08 | 0.4 | 0.4 | .. | 0.4 | 20 | 0 | .. | 7.7 | 4.1 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 21.1 | .. | 25.0 | 29 | 9.7 | .. | 6.2 | 21 | 104.3 | 126.4 | .. | 52.2 | 20 | 3 | .. | 4.6 | 3.1 | .. | 1 | 6 | 0 | 3 | 6 | 2 | 0 | 0 | 0 | 0 |
| Gezing | 24.0 | .. | 28.6 | 29 | 10.6 | .. | 7.4 | 21 | 5.8 | 10.2 | .. | 5.8 | 19 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1011.6 | 1008.5 | -1.3 | 27.4 | 23.9 | 22.3 | 26.9 | 73 | - 2 | 2.8 | +0.1 | 3.4 | 0 | 0 | 20 | 01 | 9 | 2 | 1 | 0 | 0 | 2 | 5 | 11 | 0 |
| | 1730 | 28 | 1008.6 | 1005.5 | -1.5 | 28.1 | 23.7 | 21.5 | 25.6 | 67 | - 6 | 3.2 | -0.1 | 6.6 | 0 | 1 | 25 | 00 | 8 | 5 | 1 | 0 | 0 | 5 | 6 | 5 | 1 |
| Long Island | 0830 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 0530 | 79 | 1009.9 | 1000.9 | .. | 23.1 | 21.7 | 21.0 | 24.9 | 86 | .. | 3.4 | .. | 1.9 | 0 | 0 | 12 | 02 | 1 | 2 | 0 | 0 | 0 | 1 | 6 | 19 | 0 |
| | 0830 | 79 | 1011.7 | 1002.9 | -0.6 | 29.5 | 24.1 | 21.5 | 25.6 | 62 | - 7 | 3.4 | +0.0 | 6.7 | 0 | 1 | 23 | 03 | 10 | 9 | 1 | 0 | 1 | 0 | 0 | 7 | 0 |
| | 1130 | 79 | 1010.4 | 1001.7 | .. | 31.4 | 24.3 | 20.8 | 24.6 | 54 | .. | 3.7 | .. | 10.2 | 0 | 1 | 28 | 00 | 2 | 15 | 11 | 1 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 79 | 1008.8 | 999.9 | -0.6 | 27.8 | 23.5 | 21.3 | 25.3 | 68 | - 6 | 4.2 | +0.3 | 4.3 | 0 | 0 | 16 | 03 | 0 | 7 | 1 | 2 | 1 | 1 | 1 | 15 | 0 |
| | 2330 | 79 | 1010.5 | 1001.5 | .. | 24.6 | 22.6 | 21.6 | 25.8 | 84 | .. | 2.0 | .. | 4.1 | 0 | 0 | 19 | 05 | 1 | 3 | 1 | 0 | 0 | 5 | 4 | 12 | 0 |
| Car Nicobar | 0830 | 10 | 1011.1 | 1009.9 | -1.0 | 29.4 | 24.8 | 22.7 | 27.6 | 66 | - 4 | 3.5 | -0.4 | 1.6 | 0 | 0 | 21 | 01 | 17 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1730 | 10 | 1008.5 | 1007.3 | -0.8 | 28.4 | 24.6 | 22.8 | 27.7 | 70 | - 5 | 3.6 | -0.3 | 0.5 | 0 | 0 | 7 | 01 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 24 | 0 |
| Nancowry | 0830 | 26 | 1011.0 | 1008.1 | -1.1 | 29.4 | 25.9 | 24.3 | 30.4 | 74 | - 1 | 4.3 | -0.6 | 0.8 | 0 | 0 | 7 | 00 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 24 | 0 |
| | 1730 | 26 | 1008.1 | 1005.2 | -0.9 | 28.5 | 25.3 | 23.9 | 29.7 | 76 | - 2 | 4.3 | -0.4 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 28.2 | 25.4 | 24.2 | 30.2 | 79 | - 3 | 4.4 | -0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 8 | .. | .. | .. | 27.5 | 25.3 | 24.3 | 30.4 | 82 | - 1 | 4.5 | -0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1011.7 | 993.7 | -2.1 | 21.4 | 17.5 | 14.8 | 16.8 | 66 | - 1 | 4.2 | -0.4 | 17.5 | 0 | 14 | 16 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0 |
| | 1730 | 157 | 1007.0 | 989.2 | -2.8 | 24.0 | 19.6 | 16.9 | 19.3 | 66 | - 3 | 4.8 | +0.0 | 4.4 | 0 | 0 | 24 | 03 | 1 | 3 | 1 | 0 | 4 | 3 | 9 | 7 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1009.0 | 996.1 | .. | 18.2 | 16.6 | 15.5 | 17.6 | 84 | .. | 5.1 | .. | 5.0 | 0 | 2 | 13 | 04 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 16 | 0 |
| | 0530 | 111 | 1009.8 | 996.9 | .. | 17.2 | 16.1 | 15.3 | 17.4 | 88 | .. | 4.9 | .. | 4.1 | 0 | 1 | 16 | 03 | 12 | 0 | 1 | 0 | 1 | 0 | 0 | 14 | 0 |
| | 0830 | 111 | 1011.8 | 999.0 | -1.7 | 21.8 | 18.2 | 15.8 | 17.9 | 70 | - 1 | 4.0 | -0.8 | 7.3 | 0 | 0 | 29 | 04 | 17 | 5 | 1 | 2 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 111 | 1010.0 | 997.4 | .. | 26.5 | 19.6 | 15.1 | 17.1 | 50 | .. | 3.7 | .. | 7.9 | 0 | 1 | 29 | 04 | 13 | 9 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| | 1430 | 111 | 1006.6 | 994.3 | .. | 28.4 | 19.9 | 14.3 | 16.3 | 43 | .. | 3.9 | .. | 7.4 | 0 | 1 | 28 | 03 | 10 | 2 | 6 | 3 | 4 | 1 | 0 | 2 | 0 |
| | 1730 | 111 | 1006.8 | 994.2 | -2.3 | 25.1 | 19.4 | 15.7 | 17.8 | 57 | -10 | 4.6 | -0.3 | 3.4 | 0 | 0 | 17 | 01 | 13 | 1 | 0 | 0 | 2 | 0 | 0 | 14 | 0 |
| | 2030 | 111 | 1009.1 | 996.3 | .. | 20.9 | 18.2 | 16.5 | 18.8 | 76 | .. | 4.5 | .. | 3.2 | 0 | 0 | 15 | 00 | 10 | 2 | 1 | 0 | 1 | 0 | 1 | 16 | 0 |
| | 2330 | 111 | 1009.5 | 996.7 | .. | 19.3 | 17.4 | 16.1 | 18.3 | 82 | .. | 5.0 | .. | 4.3 | 0 | 0 | 19 | 01 | 16 | 0 | 1 | 1 | 0 | 0 | 0 | 12 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1011.6 | 999.9 | -1.8 | 23.0 | 18.7 | 15.9 | 18.1 | 65 | - 9 | 3.5 | -0.7 | 5.6 | 0 | 0 | 29 | 07 | 8 | 3 | 4 | 3 | 1 | 1 | 2 | 2 | 0 |
| | 1130 | 102 | 1010.3 | 1008.7 | .. | 26.9 | 20.1 | 15.9 | 18.1 | 52 | .. | 3.5 | .. | 7.1 | 0 | 0 | 28 | 01 | 9 | 12 | 2 | 4 | 0 | 0 | 0 | 3 | 0 |
| | 1430 | 102 | 1006.9 | 995.4 | .. | 28.2 | 19.8 | 14.3 | 16.3 | 43 | .. | 4.0 | .. | 6.1 | 0 | 2 | 27 | 04 | 8 | 6 | 5 | 3 | 2 | 1 | 0 | 2 | 0 |
| | 1730 | 102 | 1007.1 | 995.4 | -2.1 | 24.1 | 19.8 | 17.1 | 19.5 | 66 | - 7 | 4.7 | +0.0 | 3.7 | 0 | 0 | 19 | 08 | 5 | 3 | 0 | 3 | 0 | 0 | 0 | 12 | 0 |
| | 2030 | 102 | 1009.3 | 997.5 | .. | 20.5 | 18.2 | 16.7 | 19.0 | 79 | .. | 4.3 | .. | 2.6 | 0 | 0 | 14 | 03 | 2 | 0 | 1 | 0 | 1 | 4 | 3 | 17 | 0 |
| Sibsagar | 0830 | 97 | 1011.6 | 1000.4 | -1.7 | 22.0 | 18.8 | 16.8 | 19.1 | 72 | - 6 | 3.5 | -1.2 | 2.6 | 0 | 0 | 24 | 09 | 11 | 0 | 1 | 0 | 3 | 0 | 0 | 7 | 0 |
| | 1730 | 97 | 1006.4 | 995.5 | -2.1 | 27.3 | 20.9 | 17.1 | 19.5 | 54 | -16 | 4.2 | -0.4 | 2.1 | 0 | 0 | 20 | 06 | 11 | 0 | 1 | 2 | 0 | 0 | 0 | 11 | 0 |
| Gohpur | 0830 | 83 | 1011.4 | 1001.9 | .. | 22.2 | 19.0 | 17.0 | 19.4 | 74 | - 3 | 3.9 | .. | 4.1 | 0 | 0 | 27 | 00 | 18 | 0 | 8 | 0 | 0 | 0 | 0 | 4 | 1 |
| | 1730 | 83 | 1006.2 | 996.9 | .. | 24.9 | 19.9 | 16.9 | 19.3 | 62 | - 5 | 3.9 | .. | 2.7 | 0 | 0 | 21 | 01 | 11 | 0 | 5 | 0 | 2 | 0 | 2 | 10 | 0 |
| Majbat | 0830 | | .. | .. | .. | 22.2 | 18.2 | 15.5 | 17.6 | 67 | .. | 3.8 | +1.0 | 4.0 | 0 | 0 | 30 | 00 | 29 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 26.5 | 20.2 | 16.3 | 18.5 | 55 | .. | 5.2 | +1.9 | 2.5 | 0 | 0 | 18 | 00 | 11 | 0 | 0 | 0 | 5 | 0 | 2 | 13 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1008.9 | 998.4 | .. | 17.3 | 16.7 | 16.3 | 18.5 | 94 | .. | 4.4 | .. | 0.3 | 0 | 0 | 7 | 01 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 24 | 0 |
| | 0830 | 90 | 1010.8 | 1000.6 | .. | 22.2 | 18.9 | 16.9 | 19.3 | 72 | .. | 3.3 | .. | 0.9 | 0 | 0 | 14 | 01 | 8 | 2 | 0 | 0 | 1 | 2 | 0 | 17 | 0 |
| | 1130 | 90 | 1009.4 | 999.3 | .. | 27.3 | 20.3 | 15.9 | 18.1 | 50 | .. | 3.1 | .. | 1.5 | 0 | 0 | 23 | 00 | 8 | 10 | 0 | 0 | 1 | 1 | 3 | 8 | 0 |
| | 1730 | 90 | 1005.9 | 995.8 | .. | 25.4 | 19.5 | 15.7 | 17.8 | 57 | .. | 3.3 | .. | 0.6 | 0 | 0 | 9 | 00 | 5 | 1 | 0 | 0 | 2 | 0 | 1 | 22 | 0 |
| | 2330 | 90 | 1008.7 | 998.4 | .. | 19.4 | 17.9 | 16.9 | 19.3 | 86 | .. | 3.1 | .. | 1.5 | 0 | 0 | 5 | 00 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 26 | 0 |
| Tezgla | 0830 | 78 | 1010.5 | 1001.5 | -1.8 | 23.3 | 20.4 | 18.7 | 21.6 | 76 | +12 | 1.3 | -1.2 | 0.6 | 0 | 0 | 7 | 00 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 24 | 0 |
| | 1730 | 78 | 1005.7 | 997.0 | -1.9 | 26.9 | 23.1 | 21.2 | 25.2 | 73 | + 9 | 1.6 | -1.0 | 0.5 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 28 | 0 |
| Tezpur | 0830 | 79 | 1011.3 | 1002.3 | -1.8 | 22.2 | 18.6 | 16.3 | 18.5 | 69 | + 1 | 2.3 | -0.4 | 3.9 | 0 | 0 | 27 | 00 | 23 | 2 | 1 | 0 | 1 | 0 | 0 | 4 | 0 |
| | 1730 | 79 | 1007.7 | 998.8 | -0.5 | 28.3 | 20.2 | 15.1 | 17.1 | 47 | - 8 | 1.6 | -1.3 | 2.0 | 0 | 0 | 15 | 00 | 10 | 0 | 0 | 0 | 5 | 0 | 0 | 16 | 0 |
| Golaghat | 0830 | 95 | 1011.4 | 1000.4 | -1.8 | 21.6 | 18.2 | 16.0 | 18.2 | 72 | - 3 | 4.0 | +0.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 95 | 1005.7 | 995.0 | -2.6 | 29.1 | 20.3 | 14.6 | 16.6 | 42 | -18 | 3.0 | -0.7 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Haugia | 0830 | 60 | 1012.3 | 1005.4 | .. | 23.2 | 19.3 | 16.9 | 19.3 | 68 | + 2 | 2.4 | .. | 8.3 | 0 | 1 | 26 | 01 | 5 | 15 | 2 | 0 | 0 | 4 | 0 | 4 | 0 |
| | 1730 | 60 | 1007.5 | 1000.8 | .. | 27.2 | 21.1 | 17.5 | 20.0 | 57 | + 1 | 3.5 | .. | 1.3 | 0 | 0 | 8 | 00 | 1 | 4 | 0 | 0 | 0 | 3 | 0 | 23 | 0 |
| Chaparmukh | 0830 | 66 | 1011.6 | 1004.1 | -1.6 | 23.1 | 18.2 | 14.9 | 16.9 | 60 | - 4 | 1.6[a] | -0.6 | 3.6 | 0 | 0 | 26 | 00 | 1 | 8 | 12 | 3 | 1 | 0 | 1 | 4 | 0 |
| | 1730 | 66 | 1006.9 | 999.4 | -1.2 | 27.6 | 20.1 | 15.3 | 17.4 | 49 | - 8 | 2.6[b] | -0.5 | 1.9 | 0 | 0 | 14 | 05 | 2 | 1 | 2 | 0 | 1 | 2 | 1 | 15 | 0 |
| Goalpara | 0830 | 38 | # | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 38 | 1005.9 | 1001.6 | -1.6 | 29.7 | 21.0 | 15.7 | 17.8 | 44 | - 5 | 0.9 | -1.0 | 1.2 | 0 | 0 | 17 | 00 | 3 | 5 | 0 | 0 | 3 | 2 | 4 | 14 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1007.6 | 1001.3 | .. | 18.0 | 15.9 | 14.5 | 16.5 | 80 | .. | 1.8 | .. | 4.7 | 0 | 1 | 17 | 02 | 3 | 2 | 2 | 5 | 3 | 1 | 0 | 13 | 0 |
| | 0530 | 54 | 1008.6 | 1002.3 | .. | 16.6 | 15.1 | 13.9 | 16.2 | 85 | .. | 2.5 | .. | 3.1 | 0 | 0 | 19 | 04 | 5 | 4 | 0 | 4 | 1 | 1 | 0 | 12 | 0 |
| | 0830 | 54 | 1010.7 | 1004.5 | -2.0 | 22.6 | 18.0 | 14.9 | 16.9 | 62 | - 4 | 2.1 | -0.6 | 4.4 | 0 | 0 | 23 | 03 | 7 | 2 | 3 | 2 | 2 | 2 | 2 | 8 | 0 |
| | 1130 | 54 | 1009.2 | 1003.1 | .. | 28.6 | 19.5 | 13.3 | 15.3 | 40 | .. | 2.1 | .. | 8.5 | 0 | 1 | 30 | 07 | 12 | 3 | 0 | 0 | 0 | 3 | 5 | 0 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA)(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor)(Contd.) | 1430 | 54 | 1005.8 | 999.8 | .. | 30.6 | 19.6 | 11.8 | 13.8 | 34 | .. | 2.3 | .. | 10.0 | 0 | 2 | 29 | 03 | 5 | 1 | 0 | 0 | 1 | 11 | 10 | 0 | 0 |
| | 1730 | 54 | 1005.9 | 999.8 | -2.1 | 27.4 | 19.3 | 13.6 | 15.6 | 44 | - 9 | 3.5 | +0.0 | 4.9 | 0 | 1 | 24 | 01 | 9 | 2 | 2 | 0 | 1 | 8 | 2 | 6 | 0 |
| | 2030 | 54 | 1008.2 | 1002.0 | .. | 21.7 | 17.7 | 14.9 | 16.9 | 66 | .. | 1.6 | .. | 5.5 | 0 | 0 | 18 | 00 | 3 | 3 | 1 | 7 | 3 | 0 | 1 | 13 | 0 |
| | 2330 | 54 | 1008.6 | 1002.3 | .. | 19.6 | 16.8 | 14.8 | 16.8 | 74 | .. | 1.6 | .. | 5.9 | 0 | 0 | 19 | 00 | 5 | 2 | 0 | 7 | 4 | 1 | 0 | 12 | 0 |
| Dhubri (Bupsi) | 0530 | 45 | 1008.3 | 1003.0 | .. | 17.1 | 15.5 | 14.3 | 16.3 | 84 | .. | 1.6 | .. | 4.3 | 0 | 0 | 19 | 01 | 6 | 7 | 0 | 1 | 3 | 1 | 0 | 12 | 0 |
| | 0830 | 45 | 1010.4 | 1005.3 | -1.5 | 24.7 | 18.4 | 14.1 | 16.1 | 52 | - 7 | 1.5 | -0.7 | 6.7 | 0 | 0 | 29 | 00 | 9 | 8 | 1 | 5 | 3 | 2 | 1 | 2 | 0 |
| | 1130 | 45 | 1009.2 | 1004.2 | .. | 30.0 | 19.6 | 12.3 | 14.3 | 35 | .. | 1.6 | .. | 8.4 | 0 | 1 | 30 | 00 | 3 | 8 | 3 | 5 | 7 | 5 | 0 | 0 | 0 |
| | 1730 | 45 | 1005.4 | 1000.3 | -1.8 | 29.1 | 19.6 | 13.1 | 15.1 | 39 | - 9 | 2.1 | +0.2 | 5.8 | 0 | 1 | 21 | 00 | 3 | 3 | 0 | 1 | 4 | 9 | 2 | 9 | 0 |
| Dhubri | 0830 | 35 | 1011.1 | 1007.1 | -1.2 | 23.8 | 18.9 | 15.7 | 17.8 | 61 | - 7 | 0.4 | -1.8 | 7.0 | 0 | 0 | 25 | 01 | 14 | 1 | 2 | 1 | 6 | 0 | 0 | 6 | 0 |
| | 1730 | 35 | 1006.8 | 1002.8 | -1.0 | 27.6 | 19.7 | 14.5 | 16.5 | 43 | - 3 | 0.0 | -2.0 | 0.8 | 0 | 0 | 6 | 00 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 25 | 0 |
| Lumding | 0830 | 149 | 1011.5 | 994.1 | .. | 18.6 | 16.0 | 14.1 | 16.1 | 77 | +10 | 2.2 | .. | 1.7 | 0 | 0 | 16 | 00 | 3 | 7 | 2 | 2 | 0 | 1 | 1 | 15 | 0 |
| | 1730 | 149 | 1006.4 | 989.7 | .. | 28.2 | 19.6 | 13.8 | 15.9 | 43 | .. | 3.9 | .. | 2.7 | 0 | 0 | 19 | 00 | 1 | 3 | 1 | 7 | 2 | 3 | 2 | 12 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1011.1 | 989.3 | -1.9 | 22.1 | 21.8 | 21.6 | 25.8 | 98 | +31 | 3.2 | +0.2 | 3.3 | 0 | 0 | 28 | 00 | 4 | 12 | 8 | 1 | 2 | 1 | 0 | 3 | 0 |
| | 1730 | 370 | 1006.0 | 965.3 | -2.1 | 28.4 | 28.2 | 28.1 | 38.0 | 98 | +40 | 2.5 | -0.4 | 4.6 | 0 | 0 | 29 | 00 | 1 | 5 | 7 | 5 | 4 | 7 | 0 | 2 | 0 |
| Haflong | 0830 | 682 | 1014.4 | 938.5 | +2.3 | 21.8 | 15.8 | 11.0 | 13.1 | 56 | - 4 | 1.4 | -1.0 | 5.1 | 0 | 1 | 25 | 00 | 1 | 0 | 1 | 1 | 20 | 0 | 3 | 5 | 0 |
| | 1730 | 682 | 1007.9 | 932.7 | +0.0 | 22.9 | 16.4 | 11.9 | 13.9 | 49 | - 3 | 2.8 | -0.3 | 4.8 | 0 | 0 | 29 | 00 | 1 | 0 | 2 | 0 | 24 | 0 | 2 | 2 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1008.7 | 997.5 | .. | 18.2 | 15.7 | 13.8 | 15.8 | 76 | .. | 2.4 | .. | 8.9 | 0 | 0 | 31 | 00 | 2 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 97 | 1010.7 | 999.6 | -1.3 | 22.1 | 18.0 | 15.3 | 17.4 | 65 | + 1 | 2.1 | -0.4 | 10.4 | 0 | 0 | 31 | 00 | 0 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 97 | 1009.0 | 998.2 | .. | 27.7 | 19.9 | 14.6 | 16.6 | 46 | .. | 2.1 | .. | 8.9 | 0 | 0 | 30 | 00 | 0 | 14 | 4 | 3 | 4 | 4 | 0 | 1 | 1 |
| | 1730 | 97 | 1005.9 | 995.0 | -1.5 | 27.3 | 19.8 | 14.9 | 16.9 | 47 | - 4 | 1.3 | -1.1 | 3.9 | 0 | 0 | 20 | 01 | 1 | 5 | 0 | 1 | 3 | 0 | 0 | 11 | 0 |
| Silchar | 0830 | 29 | 1012.9 | 1009.5 | -0.4 | 22.8 | 19.2 | 17.0 | 19.4 | 69 | - 2 | 3.0 | +0.4 | 1.6 | 0 | 0 | 24 | 02 | 3 | 9 | 8 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 29 | 1008.4 | 1005.1 | +0.8 | 27.8 | 21.1 | 17.3 | 19.7 | 52 | - 2 | 2.7 | +0.2 | 0.6 | 0 | 0 | 10 | 01 | 2 | 1 | 1 | 1 | 3 | 1 | 0 | 21 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1013.6 | 924.2 | .. | 11.2 | 10.4 | 9.7 | 12.0 | 90 | .. | 3.5 | .. | 1.3 | 0 | 0 | 6 | 00 | 0 | 4 | 1 | 0 | 1 | 0 | 0 | 25 | 0 |
| | 0830 | 781 | 1013.2 | 925.9 | -1.3 | 18.0 | 14.0 | 10.6 | 12.8 | 64 | + 2 | 3.4 | +0.7 | 0.5 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 28 | 0 |
| | 1130 | 781 | 1009.5 | 924.3 | .. | 24.3 | 16.3 | 10.5 | 12.7 | 44 | .. | 3.3 | .. | 9.1 | 0 | 2 | 25 | 00 | 2 | 1 | 2 | 8 | 5 | 6 | 3 | 4 | 0 |
| | 1430 | 781 | 1005.7 | 921.4 | .. | 26.6 | 16.4 | 8.7 | 11.2 | 33 | .. | 3.2 | .. | 14.1 | 0 | 6 | 25 | 00 | 0 | 0 | 2 | 2 | 4 | 12 | 11 | 0 | 0 |
| | 1730 | 781 | 1007.5 | 921.9 | +0.3 | 22.2 | 15.0 | 9.4 | 11.8 | 46 | - 4 | 2.9 | -0.2 | 9.6 | 0 | 0 | 28 | 00 | 0 | 0 | 1 | 0 | 0 | 9 | 18 | 3 | 0 |
| | 2030 | 781 | 1011.0 | 923.8 | .. | 18.0 | 13.8 | 10.5 | 12.7 | 62 | .. | 2.2 | .. | 4.8 | 0 | 0 | 13 | 00 | 1 | 1 | 1 | 1 | 1 | 4 | 4 | 18 | 0 |
| | 2330 | 781 | 1012.2 | 924.0 | .. | 14.6 | 12.4 | 10.6 | 12.8 | 78 | .. | 2.5 | .. | 0.9 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 28 | 0 |
| Kailashahar | 0530 | 29 | 1010.0 | 1006.6 | .. | 17.9 | 17.2 | 16.7 | 19.0 | 94 | .. | 2.2 | .. | 2.2 | 0 | 0 | 21 | 01 | 2 | 1 | 0 | 7 | 10 | 0 | 0 | 10 | 0 |
| | 0830 | 29 | 1012.2 | 1008.8 | -1.1 | 23.1 | 20.1 | 18.3 | 21.0 | 75 | + 4 | 3.4 | +0.7 | 4.2 | 0 | 0 | 28 | 01 | 2 | 2 | 1 | 5 | 16 | 0 | 0 | 3 | 1 |
| | 1130 | 29 | 1010.8 | 1007.5 | .. | 29.5 | 21.6 | 17.0 | 19.4 | 48 | .. | 3.3 | .. | 5.2 | 0 | 0 | 30 | 03 | 0 | 1 | 1 | 5 | 13 | 0 | 3 | 1 | 0 |
| | 1730 | 29 | 1007.3 | 1004.1 | -1.5 | 28.4 | 21.6 | 17.7 | 20.2 | 53 | + 0 | 2.6 | +0.0 | 2.1 | 0 | 0 | 16 | 01 | 2 | 1 | 0 | 4 | 8 | 1 | 1 | 15 | 0 |
| Agartala | 0230 | 16 | 1007.8 | 1006.0 | .. | 20.9 | 19.1 | 18.0 | 20.6 | 84 | .. | 1.7 | .. | 7.3 | 0 | 0 | 21 | 00 | 1 | 0 | 4 | 15 | 0 | 0 | 1 | 10 | 0 |
| | 0530 | 16 | 1008.4 | 1006.6 | .. | 19.8 | 18.5 | 17.7 | 20.2 | 87 | .. | 4.0 | .. | 8.7 | 0 | 3 | 20 | 00 | 0 | 0 | 8 | 15 | 0 | 0 | 0 | 8 | 0 |
| | 0830 | 16 | 1010.5 | 1008.7 | -1.2 | 26.0 | 21.0 | 18.1 | 20.8 | 63 | - 7 | 3.7 | +0.6 | 10.7 | 0 | 3 | 23 | 01 | 0 | 2 | 3 | 14 | 2 | 3 | 1 | 5 | 0 |
| | 1130 | 16 | 1009.4 | 1007.6 | .. | 31.7 | 21.7 | 15.7 | 17.8 | 39 | .. | 2.7 | .. | 13.8 | 0 | 5 | 26 | 02 | 0 | 1 | 1 | 12 | 7 | 5 | 4 | 0 | 0 |
| | 1430 | 16 | 1006.4 | 1004.6 | .. | 33.4 | 21.3 | 13.5 | 15.5 | 30 | .. | 3.1 | .. | 12.1 | 0 | 4 | 27 | 02 | 0 | 0 | 1 | 7 | 7 | 5 | 9 | 0 | 0 |
| | 1730 | 16 | 1006.2 | 1004.4 | -1.4 | 29.4 | 20.5 | 14.8 | 16.8 | 43 | - 6 | 3.1 | +0.4 | 11.7 | 0 | 6 | 21 | 07 | 1 | 2 | 1 | 10 | 4 | 1 | 1 | 4 | 0 |
| | 2030 | 16 | 1008.2 | 1006.4 | .. | 24.6 | 20.0 | 17.2 | 19.6 | 63 | .. | 1.7 | .. | 7.7 | 0 | 1 | 19 | 01 | 0 | 1 | 3 | 14 | 1 | 0 | 0 | 11 | 0 |
| | 2330 | 16 | 1008.6 | 1006.8 | .. | 22.5 | 19.8 | 18.2 | 20.9 | 76 | .. | 2.0 | .. | 7.8 | 0 | 1 | 21 | 01 | 0 | 1 | 3 | 16 | 1 | 0 | 0 | 9 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daghdogra | 0230 | 131 | 1008.1 | 992.8 | .. | 17.1 | 15.1 | 13.6 | 15.6 | 81 | .. | 0.8 | .. | 2.7 | 0 | 0 | 11 | 09 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 0530 | 131 | 1008.7 | 993.2 | .. | 15.4 | 13.8 | 12.5 | 14.5 | 83 | .. | 1.5 | .. | 5.0 | 0 | 0 | 18 | 07 | 4 | 0 | 3 | 1 | 2 | 0 | 1 | 13 | 0 |
| | 0830 | 131 | 1010.7 | 995.7 | -1.1 | 23.5 | 17.3 | 12.7 | 14.7 | 52 | - 6 | 1.5 | -1.0 | 10.7 | 0 | 2 | 25 | 03 | 8 | 13 | 0 | 1 | 2 | 0 | 0 | 4 | 0 |
| | 1130 | 131 | 1009.6 | 994.9 | .. | 29.2 | 18.9 | 11.4 | 13.5 | 33 | .. | 1.9 | .. | 13.3 | 0 | 3 | 26 | 00 | 2 | 18 | 2 | 4 | 3 | 0 | 0 | 2 | 0 |
| | 1430 | 131 | 1006.1 | 991.6 | .. | 31.2 | 19.4 | 10.8 | 12.9 | 29 | .. | 2.0 | .. | 11.0 | 0 | 1 | 29 | 01 | 2 | 7 | 1 | 5 | 10 | 4 | 0 | 1 | 0 |
| | 1730 | 131 | 1005.8 | 991.1 | -1.5 | 28.2 | 19.5 | 13.6 | 15.6 | 41 | - 7 | 1.8 | -1.5 | 7.5 | 0 | 0 | 23 | 02 | 10 | 0 | 0 | 1 | 6 | 2 | 0 | 8 | 0 |
| | 2030 | 131 | 1008.2 | 993.1 | .. | 22.1 | 17.2 | 13.7 | 15.7 | 59 | .. | 1.5 | .. | 5.3 | 0 | 0 | 18 | 07 | 2 | 1 | 0 | 1 | 2 | 1 | 4 | 13 | 0 |
| | 2330 | 131 | 1009.0 | 993.7 | .. | 18.3 | 15.7 | 13.7 | 15.7 | 75 | .. | 1.0 | .. | 3.1 | 0 | 0 | 11 | 07 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 20 | 0 |
| Jalpaiguri | 0830 | 83 | 1010.3 | 1000.8 | -1.6 | 20.4 | 17.0 | 14.4 | 16.4 | 70 | + 1 | 0.8 | -1.1 | 4.8 | 0 | 0 | 26 | 09 | 6 | 4 | 2 | 2 | 1 | 1 | 0 | 5 | 0 |
| | 1730 | 83 | 1005.2 | 996.0 | -1.8 | 29.5 | 21.0 | 15.8 | 17.9 | 43 | + 0 | 0.5 | -1.4 | 4.6 | 0 | 0 | 20 | 02 | 10 | 2 | 0 | 1 | 0 | 5 | 0 | 11 | 0 |
| Cooch Behar | 0830 | 43 | 1010.8 | 1006.0 | -0.7 | 23.5 | 17.9 | 14.0 | 16.0 | 55 | -10 | 1.4 | -1.4 | 12.4 | 0 | 7 | 19 | 01 | 1 | 17 | 1 | 2 | 3 | 1 | 0 | 5 | 0 |
| | 1130 | 43 | 1009.7 | 1004.9 | .. | 29.2 | 19.8 | 13.5 | 15.5 | 39 | .. | 1.5 | .. | 15.4 | 0 | 8 | 22 | 02 | 3 | 8 | 4 | 9 | 1 | 1 | 0 | 1 | 2 |
| | 1730 | 43 | 1005.9 | 1001.1 | -1.7 | 28.2 | 19.9 | 14.5 | 16.5 | 44 | -11 | 1.9 | -0.5 | 2.6 | 0 | 1 | 9 | 01 | 2 | 3 | 1 | 0 | 1 | 2 | 0 | 21 | 0 |
| Balurghat | 0830 | 26 | 1009.8 | 1006.9 | .. | 26.0 | 17.9 | 11.9 | 13.9 | 40 | .. | 1.1 | .. | 3.5 | 0 | 0 | 27 | 01 | 1 | 4 | 5 | 2 | 7 | 4 | 3 | 4 | 0 |
| | 1730 | 26 | 1005.0 | 1002.2 | .. | 30.3 | 19.4 | 11.6 | 13.7 | 34 | .. | 1.1 | .. | 2.3 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 5 | 6 | 4 | 16 | 0 |
| Malda | 0830 | 31 | 1010.3 | 1006.7 | -1.3 | 25.1 | 16.8 | 10.2 | 12.4 | 39 | -14 | 1.4 | -0.4 | 1.2 | 0 | 0 | 13 | 00 | 2 | 1 | 0 | 1 | 2 | 4 | 3 | 18 | 0 |
| | 1730 | 31 | 1005.7 | 1002.2 | -1.7 | 31.5 | 18.9 | 9.1 | 11.5 | 25 | -10 | 1.6 | +0.1 | 2.1 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 1 | 0 | 7 | 15 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1010.4 | 1008.2 | -1.2 | 25.5 | 17.9 | 12.3 | 14.3 | 46 | -11 | 0.6 | -1.6 | 1.0 | 0 | 0 | 12 | 00 | 0 | 1 | 0 | 6 | 1 | 3 | 1 | 19 | 0 |
| | 1730 | 19 | 1005.7 | 1003.7 | -1.2 | 31.5 | 19.3 | 10.3 | 12.5 | 20 | - 4 | 1.1 | -0.9 | 0.5 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 3 | 0 | 4 | 0 | 24 | 0 |
| Suri | 0830 | | .. | .. | .. | 27.3 | 16.0 | 5.5 | 9.0 | 26 | -19 | 1.0 | -1.0 | 5.0 | 0 | 0 | 31 | 03 | 1 | 1 | 0 | 9 | 2 | 9 | 6 | 0 | 0 |
| Asansol | 0230 | 126 | 1008.3 | 993.7 | .. | 19.7 | 13.9 | 8.7 | 11.2 | 49 | .. | 0.6 | .. | 1.6 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 1 | 5 | 4 | 21 | 0 |
| | 0530 | 126 | 1009.1 | 994.4 | .. | 18.5 | 13.5 | 8.9 | 11.4 | 54 | .. | 1.5 | .. | 2.4 | 0 | 0 | 19 | 01 | 0 | 0 | 1 | 1 | 1 | 11 | 4 | 12 | 0 |
| | 0830 | 126 | 1010.9 | 996.6 | -0.8 | 26.7 | 16.5 | 7.7 | 10.5 | 31 | -16 | 1.5 | -0.5 | 5.9 | 0 | 0 | 30 | 01 | 0 | 0 | 1 | 0 | 3 | 16 | 9 | 1 | 0 |
| | 1130 | 126 | 1009.7 | 995.7 | .. | 33.0 | 18.7 | 6.9 | 9.9 | 21 | .. | 2.1 | .. | 10.4 | 0 | 4 | 27 | 04 | 0 | 1 | 0 | 1 | 5 | 5 | 15 | 0 | 0 |
| | 1430 | 126 | 1006.3 | 992.5 | .. | 35.2 | 19.6 | 7.2 | 10.1 | 19 | .. | 1.7 | .. | 9.3 | 0 | 2 | 28 | 06 | 1 | 0 | 0 | 3 | 3 | 6 | 11 | 1 | 0 |
| | 1730 | 126 | 1006.0 | 992.0 | -0.8 | 32.1 | 18.9 | 8.5 | 11.1 | 24 | - 3 | 2.0 | +0.0 | 5.0 | 0 | 0 | 23 | 01 | 0 | 0 | 0 | 0 | 2 | 8 | 12 | 8 | 0 |
| | 2030 | 126 | 1008.6 | 994.2 | .. | 24.3 | 16.1 | 9.3 | 11.7 | 39 | .. | 1.0 | .. | 1.7 | 0 | 0 | 12 | 02 | 1 | 0 | 0 | 1 | 0 | 3 | 5 | 19 | 0 |
| | 2330 | 126 | 1009.2 | 994.7 | .. | 21.1 | 14.8 | 9.3 | 11.7 | 48 | .. | 0.8 | .. | 1.9 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 1 | 1 | 5 | 3 | 21 | 0 |
| Shanti Niketan | 0830 | 59 | 1010.9 | 1004.2 | .. | 26.0 | 16.5 | 8.5 | 11.1 | 35 | .. | 1.5 | .. | 3.9 | 0 | 0 | 27 | 02 | 0 | 0 | 0 | 3 | 4 | 12 | 6 | 4 | 0 |
| | 1130 | 59 | 1010.1 | 1003.6 | .. | 32.7 | 17.7 | 3.9 | 8.1 | 17 | .. | 1.2 | .. | 4.6 | 0 | 0 | 28 | 02 | 0 | 0 | 0 | 2 | 5 | 13 | 6 | 3 | 0 |
| | 1730 | 59 | 1006.2 | 999.7 | .. | 32.3 | 18.4 | 6.9 | 9.9 | 21 | .. | 1.4 | .. | 4.4 | 0 | 0 | 26 | 00 | 0 | 0 | 2 | 2 | 1 | 14 | 7 | 5 | 0 |
| Krishnanagar | 0830 | 15 | 1010.7 | 1009.1 | -1.0 | 27.2 | 19.9 | 15.2 | 17.3 | 49 | -15 | 0.6 | -1.7 | 1.7 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 8 | 1 | 1 | 1 | 19 | 0 |
| | 1730 | 15 | 1007.9 | 1006.3 | +0.4 | 32.0 | 19.8 | 11.1 | 13.2 | 26 | -14 | 0.7 | -1.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Purulia | 0830 | 255 | 1011.5 | 982.8 | -0.9 | 25.1 | 16.1 | 8.3 | 10.9 | 35 | -10 | 1.7 | -0.1 | 5.2 | 0 | 0 | 30 | 05 | 0 | 0 | 0 | 3 | 8 | 6 | 8 | 1 | 0 |
| | 1730 | 255 | 1006.1 | 978.3 | -0.9 | 32.4 | 19.4 | 9.6 | 11.9 | 25 | - 1 | 2.1 | -0.4 | 4.7 | 0 | 0 | 24 | 02 | 2 | 0 | 1 | 0 | 1 | 2 | 10 | 7 | 0 |
| Bankura | 0830 | 100 | 1010.6 | 999.3 | .. | 25.0 | 16.5 | 9.5 | 11.9 | 39 | .. | 1.0 | .. | 1.7 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 1 | 5 | 10 | 1 | 10 | 4 |
| | 1730 | 100 | 1005.5 | 994.4 | .. | 33.4 | 19.6 | 9.1 | 11.5 | 23 | .. | 1.0 | .. | 0.6 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 24 | 4 |
| Burdwan | 0830 | 52 | 1011.1 | 1007.4 | -0.5 | 26.5 | 21.0 | 17.8 | 20.4 | 61 | - 3 | 0.7 | -1.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 52 | 1006.4 | 1002.9 | -1.5 | 32.2 | 26.5 | 24.1 | 30.0 | 61 | +26 | 0.6 | -1.1 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barrackpore Aerodrome | 0530 | 7 | 1008.9 | 1008.1 | .. | 20.6 | 19.0 | 18.0 | 20.6 | 86 | .. | 2.6 | .. | 2.2 | 0 | 0 | 13 | 01 | 0 | 0 | 0 | 4 | 5 | 1 | 2 | 18 | 0 |
| | 0830 | 7 | 1011.0 | 1010.2 | .. | 25.7 | 21.1 | 18.5 | 21.3 | 65 | .. | 1.9 | .. | 5.6 | 0 | 0 | 27 | 03 | 0 | 0 | 1 | 1 | 15 | 4 | 3 | 4 | 0 |
| | 1130 | 7 | 1010.3 | 1009.6 | .. | 32.1 | 20.3 | 12.2 | 14.2 | 31 | .. | 1.5 | .. | 7.9 | 0 | 1 | 28 | 03 | 3 | 1 | 0 | 2 | 6 | 9 | 5 | 2 | 0 |
| | 1730 | 7 | 1006.9 | 1006.2 | .. | 30.8 | 22.1 | 17.1 | 19.5 | 45 | .. | 1.7 | .. | 3.6 | 0 | 0 | 19 | 01 | 1 | 0 | 1 | 5 | 6 | 2 | 3 | 18 | 0 |
| | 2330 | 7 | 1009.3 | 1008.5 | .. | 21.7 | 19.5 | 18.2 | 20.9 | 80 | .. | 0.9 | .. | 3.9 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 7 | 6 | 0 | 3 | 19 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1007.7 | 1007.0 | .. | 21.7 | 20.5 | 19.8 | 23.1 | 88 | .. | 1.0 | .. | 3.7 | 0 | 0 | 24 | 02 | 0 | 0 | 1 | 8 | 8 | 3 | 2 | 7 | 0 |
| | 0530 | 6 | 1008.4 | 1007.7 | .. | 20.7 | 19.7 | 19.1 | 22.1 | 91 | .. | 2.5 | .. | 2.6 | 0 | 1 | 17 | 00 | 1 | 0 | 2 | 8 | 4 | 1 | 2 | 13 | 0 |
| | 0830 | 6 | 1010.6 | 1009.9 | -1.3 | 25.8 | 21.8 | 19.6 | 22.8 | 68 | - 2 | 1.9 | -0.6 | 5.0 | 0 | 0 | 28 | 01 | 2 | 0 | 1 | 4 | 13 | 4 | 3 | 3 | 0 |
| | 1130 | 6 | 1009.7 | 1009.0 | .. | 32.0 | 22.2 | 16.5 | 18.8 | 40 | .. | 1.3 | .. | 7.4 | 0 | 0 | 31 | 03 | 2 | 1 | 2 | 2 | 6 | 5 | 10 | 0 | 0 |
| | 1430 | 6 | 1006.7 | 1006.0 | .. | 34.0 | 22.5 | 15.7 | 17.8 | 34 | .. | 1.9 | .. | 7.4 | 0 | 1 | 29 | 01 | 2 | 0 | 1 | 3 | 3 | 9 | 11 | 1 | 0 |
| | 1730 | 6 | 1006.2 | 1005.5 | -1.6 | 31.5 | 22.6 | 17.7 | 20.2 | 45 | - 2 | 1.8 | -0.4 | 3.2 | 0 | 0 | 13 | 00 | 0 | 1 | 4 | 2 | 6 | 0 | 0 | 18 | 0 |
| | 2030 | 6 | 1008.4 | 1007.7 | .. | 24.8 | 21.6 | 19.9 | 23.2 | 74 | .. | 0.5 | .. | 4.8 | 0 | 0 | 19 | 00 | 0 | 0 | 3 | 8 | 8 | 0 | 0 | 12 | 0 |
| | 2330 | 6 | 1008.7 | 1008.0 | .. | 22.7 | 21.2 | 20.3 | 23.8 | 86 | .. | 1.5 | .. | 5.0 | 0 | 0 | 20 | 00 | 1 | 0 | 1 | 10 | 8 | 0 | 0 | 11 | 0 |
| Calcutta | 0830 | 6 | 1010.8 | 1010.1 | -1.0 | 26.9 | 21.6 | 18.7 | 21.6 | 61 | -10 | 1.7 | -0.6 | 5.6 | 0 | 0 | 28 | 02 | 2 | 0 | 1 | 5 | 10 | 5 | 3 | 3 | 0 |
| | 1130 | 6 | 1009.8 | 1009.1 | .. | 32.7 | 20.9 | 13.[illegible] | 15.1 | 31 | .. | 1.6 | .. | 7.4 | 0 | 1 | 28 | 04 | 1 | 0 | 1 | 6 | 2 | 8 | 7 | 2 | 0 |
| | 1730 | 6 | 1006.4 | 1005.7 | -1.2 | 31.5 | 20.5 | 13.2 | 15.2 | 33 | -13 | 1.8 | -0.3 | 3.9 | 0 | 0 | 22 | 02 | 0 | 0 | 3 | 8 | 3 | 0 | 6 | 9 | 0 |
| Midnapore | 0830 | 45 | 1010.6 | 1005.4 | -1.1 | 25.8 | 19.0 | 14.4 | 16.4 | 51 | - 8 | 0.9 | -1.0 | 2.1 | 0 | 0 | 16 | 04 | 6 | 0 | 0 | 2 | 3 | 1 | 0 | 15 | 0 |
| | 1730 | 45 | 1006.2 | 1001.1 | -1.7 | 32.7 | 18.9 | 7.9 | 10.7 | 24 | - 9 | 1.1 | -1.1 | 1.6 | 0 | 0 | 19 | 04 | 5 | 1 | 0 | 5 | 2 | 1 | 1 | 12 | 0 |
| Contai | 0830 | 11 | 1010.8 | 1009.6 | -0.8 | 27.0 | 21.9 | 19.1 | 22.1 | 62 | - 6 | 1.2 | -1.1 | 8.0 | 0 | 3 | 25 | 07 | 0 | 1 | 0 | 5 | 12 | 3 | 0 | 3 | 0 |
| | 1730 | 11 | 1006.9 | 1005.7 | -1.2 | 28.0 | 22.7 | 19.9 | 23.2 | 63 | - 9 | 1.5 | -1.1 | 12.6 | 0 | 12 | 16 | 00 | 0 | 0 | 6 | 18 | 4 | 0 | 0 | 3 | 0 |
| Sagar Island | 0830 | 3 | 1010.4 | 1010.1 | -1.2 | 26.3 | 23.2 | 21.5 | 25.6 | 74 | + 2 | 3.6 | +0.8 | 17.8 | 0 | 12 | 19 | 04 | 1 | 0 | 1 | 10 | 9 | 4 | 2 | 0 | 0 |
| | 1730 | 3 | 1006.6 | 1006.3 | -1.4 | 27.5 | 24.0 | 22.3 | 26.9 | 74 | + 0 | 3.0 | +0.2 | 17.9 | 0 | 10 | 21 | 01 | 0 | 0 | 12 | 15 | 2 | 0 | 1 | 0 | 0 |
| Sandheads | 0530 | 10 | 1008.5 | 1007.4 | .. | 26.0 | 24.2 | 22.4 | 28.8 | 86 | .. | 3.1 | .. | 18.6 | 0 | 15 | 16 | 00 | 1 | 0 | 1 | 2 | 23 | 1 | 3 | 0 | 0 |
| | 0830 | 10 | 1010.8 | 1009.7 | -1.2 | 27.1 | 24.5 | 23.3 | 28.6 | 81 | + 5 | 2.1 | -0.1 | 16.7 | 0 | 9 | 22 | 01 | 2 | 0 | 2 | 0 | 20 | 4 | 2 | 0 | 0 |
| | 1130 | 10 | 1010.4 | 1009.3 | .. | 28.1 | 24.7 | 23.1 | 28.3 | 76 | .. | 2.2 | .. | 15.3 | 0 | 7 | 23 | 03 | 1 | 0 | 3 | 2 | 17 | 2 | 2 | 1 | 0 |
| | 1730 | 10 | 1007.3 | 1006.2 | -1.3 | 27.1 | 24.7 | 23.6 | 29.1 | 82 | + 5 | 2.5 | +0.6 | 17.5 | 0 | 12 | 16 | 00 | 1 | 1 | 0 | 8 | 18 | 0 | 0 | 3 | 0 |
| | 2330 | 10 | 1009.8 | 1007.7 | .. | 26.2 | 24.4 | 23.6 | 29.1 | 86 | .. | 0.5 | .. | 17.1 | 0 | 14 | 14 | 00 | 0 | 1 | 0 | 6 | 20 | 1 | 0 | 3 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1011.3 | 1005.6 | -1.5 | 26.2 | 18.6 | 13.3 | 15.3 | 46 | -11 | 0.7 | -1.0 | 3.3 | 0 | 0 | 20 | 07 | 5 | 1 | 0 | 2 | 3 | 0 | 2 | 11 | 0 |
| | 1730 | 54 | 1007.2 | 1001.2 | -1.5 | 32.4 | 20.1 | 11.5 | 13.6 | 29 | -16 | 1.7 | -0.4 | 3.7 | 0 | 0 | 22 | 01 | 1 | 1 | 7 | 6 | 2 | 1 | 1 | 9 | 2 |
| Jharsuguda | 0230 | 230 | 1008.3 | 982.1 | .. | 22.2 | 14.2 | 6.6 | 9.7 | 38 | .. | 1.0 | .. | 2.8 | 0 | 0 | 14 | 03 | 4 | 4 | 2 | 0 | 0 | 0 | 1 | 17 | 0 |
| | 0530 | 230 | 1009.2 | 982.7 | .. | 19.7 | 13.1 | 6.6 | 9.7 | 44 | .. | 1.9 | .. | 4.6 | 0 | 0 | 19 | 03 | 10 | 2 | 0 | 1 | 0 | 0 | 3 | 12 | 0 |
| | 0830 | 230 | 1011.1 | 985.1 | -1.0 | 25.4 | 14.9 | 4.6 | 8.5 | 27 | -19 | 2.3 | +0.4 | 6.9 | 0 | 1 | 22 | 04 | 12 | 2 | 0 | 0 | 0 | 1 | 4 | 8 | 0 |
| | 1130 | 230 | 1009.7 | 984.4 | .. | 33.0 | 17.2 | 1.5 | 6.8 | 14 | .. | 1.8 | .. | 9.5 | 0 | 4 | 23 | 02 | 5 | 3 | 2 | 4 | 4 | 4 | 3 | 4 | 0 |
| | 1430 | 230 | 1006.1 | 981.1 | .. | 35.5 | 17.9 | 0.3 | 6.2 | 12 | .. | 2.3 | .. | 9.2 | 0 | 2 | 27 | 01 | 3 | 0 | 1 | 5 | 1 | 9 | 9 | 2 | 0 |
| | 1730 | 230 | 1005.5 | 980.4 | -1.0 | 33.9 | 17.5 | 1.3 | 6.7 | 14 | -12 | 2.6 | +0.4 | 7.3 | 0 | 0 | 25 | 02 | 1 | 0 | 3 | 6 | 2 | 5 | 6 | 6 | 0 |
| | 2030 | 230 | 1007.9 | 982.1 | .. | 27.9 | 16.1 | 5.1 | 8.8 | 24 | .. | 1.5 | .. | 3.1 | 0 | 0 | 18 | 01 | 1 | 0 | 5 | 3 | 2 | 4 | 2 | 13 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level (ht. in gpm. of nearest standard isobaric level) | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km p.h.) 62 or more | Wind Speed (Km p.h.) 20 to 61 | Wind Speed (Km p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 2330 | 230 | 1008.8 | 982.9 | .. | 24.8 | 14.9 | 5.4 | 9.0 | 30 | .. | 1.1 | .. | 3.8 | 0 | 0 | 18 | 03 | 5 | 1 | 5 | 0 | 0 | 0 | 4 | 13 | 0 |
| Keonjhargarh | 0830 | 463 | 1010.4 | 959.5 | -1.9 | 25.6 | 17.0 | 11.0 | 13.1 | 41 | - 7 | 0.6 | -0.8 | 0.8 | 0 | 0 | 15 | 07 | 0 | 0 | 0 | 2 | 0 | 5 | 1 | 16 | 0 |
| | 1730 | 463 | 1005.9 | 955.9 | -1.1 | 32.2 | 18.7 | 9.3 | 11.7 | 25 | - 7 | 0.9 | -1.4 | 1.5 | 0 | 0 | 24 | 08 | 1 | 2 | 0 | 0 | 0 | 10 | 3 | 7 | 0 |
| Balasore | 0830 | 20 | 1010.9 | 1008.7 | -0.8 | 25.8 | 20.8 | 17.9 | 20.5 | 63 | - 1 | 2.2 | -0.2 | 5.1 | 0 | 0 | 27 | 08 | 3 | 0 | 0 | 6 | 8 | 0 | 2 | 4 | 0 |
| | 1730 | 20 | 1006.6 | 1004.3 | -1.2 | 28.6 | 23.4 | 20.8 | 24.6 | 63 | + 1 | 2.5 | -0.5 | 6.6 | 0 | 0 | 31 | 00 | 0 | 0 | 10 | 18 | 3 | 0 | 0 | 0 | 0 |
| Sambalpur | 0830 | 148 | 1010.4 | 993.7 | -1.5 | 27.2 | 17.7 | 10.3 | 12.5 | 35 | -19 | 2.0 | +0.3 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 148 | 1005.8 | 989.5 | -1.5 | 32.5 | 19.4 | 9.5 | 11.9 | 24 | - 5 | 1.2 | -0.8 | 0.8 | 0 | 0 | 3 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Angul | 0830 | 139 | 1010.8 | 995.1 | -1.3 | 26.7 | 21.2 | 18.1 | 20.8 | 60 | - 1 | 2.9 | +0.8 | 3.2 | 0 | 0 | 25 | 06 | 3 | 4 | 3 | 0 | 0 | 4 | 5 | 6 | 0 |
| | 1730 | 139 | 1006.0 | 990.8 | -0.8 | 33.9 | 24.2 | 19.2 | 22.2 | 43 | +17 | 3.6 | +1.1 | 3.8 | 0 | 0 | 23 | 02 | 1 | 3 | 6 | 4 | 2 | 5 | 0 | 8 | 0 |
| Chandbali | 0830 | 6 | 1011.5 | 1010.8 | -0.7 | 26.1 | 22.5 | 20.6 | 24.3 | 73 | - 2 | 3.2 | +0.8 | 5.0 | 0 | 0 | 29 | 02 | 1 | 1 | 1 | 1 | 18 | 1 | 4 | 2 | 0 |
| | 1730 | 6 | 1007.3 | 1006.6 | -0.9 | 29.4 | 22.9 | 19.5 | 22.7 | 56 | - 1 | 1.7 | -0.4 | 9.5 | 0 | 2 | 29 | 00 | 2 | 3 | 21 | 2 | 2 | 0 | 1 | 0 | 0 |
| Bolangir | 0830 | 190 | 1011.0 | 989.5 | -1.0 | 26.8 | 20.3 | 16.3 | 18.5 | 54 | + 1 | 2.2 | +0.1 | 6.5 | 0 | 0 | 27 | 11 | 2 | 1 | 0 | 10 | 1 | 0 | 2 | 4 | 0 |
| | 1730 | 190 | 1005.7 | 985.0 | -2.0 | 34.4 | 23.2 | 16.9 | 19.5 | 37 | + 2 | 2.4 | -0.2 | 5.3 | 0 | 0 | 29 | 15 | 5 | 1 | 0 | 1 | 1 | 2 | 4 | 2 | 0 |
| Phulbani | 0830 | 464 | 1009.4 | 957.5 | .. | 22.8 | 17.0 | 13.2 | 15.2 | 56 | .. | 0.3 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 464 | 1003.8 | 953.7 | .. | 31.9 | 20.8 | 14.5 | 16.5 | 37 | .. | 1.0 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| Cuttack | 0830 | 27 | 1011.1 | 1008.0 | -1.1 | 25.3 | 22.7 | 21.4 | 25.5 | 78 | + 5 | 1.2 | -1.3 | 2.3 | 0 | 0 | 13 | 00 | 2 | 1 | 0 | 2 | 6 | 1 | 1 | 18 | 0 |
| | 1730 | 27 | 1006.5 | 1003.5 | -1.2 | 32.5 | 23.1 | 18.0 | 20.6 | 43 | + 2 | 0.7 | -1.7 | 5.2 | 0 | 0 | 22 | 01 | 0 | 0 | 3 | 11 | 6 | 1 | 0 | 9 | 0 |
| Titilagarh | 0830 | 211 | 1012.2 | 988.6 | +0.4 | 28.4 | 20.0 | 14.5 | 16.5 | 44 | - 6 | 0.7 | -0.7 | 2.0 | 0 | 0 | 31 | 01 | 12 | 0 | 11 | 0 | 4 | 1 | 2 | 0 | 0 |
| | 1730 | 211 | 1006.1 | 983.1 | -0.3 | 35.6 | 23.8 | 17.4 | 19.9 | 35 | + 8 | 1.2 | -0.7 | 2.0 | 0 | 0 | 31 | 01 | 12 | 1 | 1 | 1 | 3 | 0 | 12 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1008.1 | 1002.9 | .. | 23.8 | 22.0 | 21.1 | 25.0 | 85 | .. | 1.6 | .. | 9.5 | 0 | 4 | 23 | 01 | 0 | 0 | 0 | 14 | 9 | 2 | 1 | 4 | 0 |
| | 0530 | 46 | 1008.9 | 1003.6 | .. | 22.6 | 21.2 | 20.4 | 24.0 | 87 | .. | 2.4 | .. | 6.7 | 0 | 2 | 23 | 02 | 0 | 1 | 1 | 7 | 8 | 3 | 3 | 6 | 0 |
| | 0830 | 46 | 1011.0 | 1005.8 | -1.0 | 27.0 | 22.5 | 20.1 | 23.5 | 67 | - 3 | 1.9 | -0.4 | 10.0 | 0 | 2 | 28 | 02 | 3 | 0 | 1 | 5 | 14 | 2 | 3 | 1 | 0 |
| | 1130 | 46 | 1010.0 | 1005.0 | .. | 33.1 | 22.4 | 16.1 | 18.3 | 39 | .. | 1.5 | .. | 10.7 | 0 | 3 | 28 | 03 | 3 | 2 | 1 | 9 | 12 | 0 | 1 | 0 | 0 |
| | 1430 | 46 | 1007.0 | 1002.0 | .. | 35.0 | 21.9 | 13.6 | 15.6 | 30 | .. | 1.9 | .. | 13.7 | 0 | 10 | 20 | 02 | 0 | 4 | 2 | 10 | 6 | 1 | 5 | 1 | 0 |
| | 1730 | 46 | 1006.9 | 1001.8 | -1.2 | 30.3 | 22.3 | 17.8 | 20.4 | 49 | + 1 | 1.5 | -0.8 | 16.5 | 0 | 12 | 19 | 02 | 0 | 2 | 2 | 20 | 3 | 0 | 2 | 0 | 0 |
| | 2030 | 46 | 1009.2 | 1004.0 | .. | 26.4 | 22.8 | 21.0 | 24.9 | 72 | .. | 1.0 | .. | 13.0 | 0 | 6 | 25 | 00 | 0 | 2 | 4 | 17 | 7 | 1 | 0 | 0 | 0 |
| | 2330 | 46 | 1009.5 | 1004.3 | .. | 24.9 | 22.9 | 21.7 | 25.9 | 82 | .. | 1.3 | .. | 11.9 | 0 | 5 | 24 | 00 | 0 | 1 | 1 | 13 | 12 | 0 | 2 | 2 | 0 |
| Puri | 0830 | 6 | 1011.3 | 1010.6 | -0.9 | 27.6 | 24.2 | 22.6 | 27.4 | 74 | - 2 | 2.4 | -0.2 | 11.1 | 0 | 8 | 23 | 05 | 1 | 1 | 0 | 2 | 22 | 0 | 0 | 0 | 0 |
| | 1730 | 6 | 1007.3 | 1006.6 | -1.2 | 27.7 | 24.5 | 23.0 | 28.1 | 76 | - 3 | 2.1 | -0.6 | 15.6 | 0 | 8 | 23 | 01 | 0 | 3 | 4 | 12 | 11 | 0 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1008.7 | 1006.8 | .. | 23.2 | 21.5 | 20.6 | 24.3 | 85 | .. | 2.0 | .. | 6.6 | 0 | 0 | 20 | 01 | 0 | 0 | 0 | 0 | 15 | 0 | 4 | 11 | 0 |
| | 0830 | 17 | 1011.1 | 1009.1 | -1.0 | 26.1 | 22.7 | 20.9 | 24.7 | 73 | + 0 | 1.7 | +0.1 | 7.6 | 0 | 4 | 19 | 03 | 0 | 1 | 0 | 3 | 12 | 1 | 3 | 8 | 0 |
| | 1130 | 17 | 1010.6 | 1008.7 | .. | 29.5 | 24.9 | 22.8 | 27.7 | 68 | .. | 1.2 | .. | 14.6 | 0 | 2 | 27 | 00 | 0 | 2 | 6 | 13 | 7 | 0 | 1 | 2 | 0 |
| | 1730 | 17 | 1007.3 | 1005.4 | -1.1 | 27.5 | 24.7 | 23.4 | 28.8 | 79 | + 0 | 2.3 | -0.3 | 21.9 | 0 | 18 | 12 | 00 | 0 | 1 | 3 | 9 | 17 | 0 | 0 | 1 | 0 |
| | 2330 | 17 | 1009.7 | 1007.7 | .. | 25.6 | 23.7 | 22.7 | 27.6 | 83 | .. | 2.3 | .. | 15.9 | 0 | 3 | 25 | 01 | 0 | 1 | 0 | 5 | 21 | 0 | 0 | 3 | 0 |
| Koraput | 0830 | 913 | 1518.0 | 912.0 | -0.4 | 20.4 | 16.3 | 13.6 | 15.6 | 65 | + [illegible] | 4.6 | +3.3 | 7.1 | 0 | 0 | 31 | 00 | 7 | 2 | 12 | 0 | 9 | 0 | 1 | 0 | 0 |
| | 1730 | 913 | 1512.0 | 909.4 | +0.0 | 30.0 | 17.9 | 9.2 | 11.5 | 29 | -10 | 4.8 | +2.3 | 10.0 | 0 | 0 | 29 | 00 | 2 | 1 | 1 | 2 | 17 | 4 | 2 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1010.6 | 993.6 | -1.0 | 25.0 | 16.4 | 9.3 | 11.7 | 39 | - 8 | 1.3 | -0.1 | 4.0 | 0 | 0 | 21 | 00 | 1 | 1 | 3 | 3 | 2 | 7 | 4 | 10 | 0 |
| | 1730 | 149 | 1006.0 | 989.5 | -0.8 | 31.2 | 18.9 | 9.5 | 11.9 | 28 | - 3 | 1.4 | -0.2 | 4.0 | 0 | 0 | 22 | 00 | 1 | 0 | 3 | 4 | 8 | 2 | 4 | 9 | 0 |
| Daltonganj | 0830 | 221 | 1010.9 | 985.7 | -1.4 | 23.0 | 15.3 | 8.7 | 11.2 | 40 | -13 | 0.6 | -1.2 | 2.1 | 0 | 0 | 24 | 03 | 4 | 0 | 4 | 1 | 2 | 5 | 5 | 7 | 0 |
| | 1730 | 221 | 1006.1 | 981.7 | -1.0 | 31.5 | 17.7 | 5.5 | 9.0 | 20 | - 7 | 1.3 | -1.0 | 3.7 | 0 | 0 | 29 | 00 | 4 | 1 | 1 | 0 | 4 | 2 | 17 | 2 | 0 |
| Hazaribagh | 0830 | 611 | 1010.5 | 943.0 | -0.6 | 24.3 | 13.0 | 1.5 | 6.8 | 23 | -14 | 1.7 | -0.2 | 8.8 | 0 | 3 | 22 | 01 | 0 | 0 | 0 | 1 | 4 | 6 | 13 | 6 | 0 |
| | 1730 | 611 | 1005.8 | 939.6 | -0.7 | 28.9 | 14.2 | 1.4 | 5.4 | 14 | -13 | 2.5 | +0.3 | 12.1 | 0 | 3 | 26 | 01 | 0 | 0 | 0 | 1 | 1 | 0 | 26 | 2 | 0 |
| Dhanbad | 0830 | 257 | 1010.0 | 981.0 | -1.7 | 25.6 | 15.0 | 4.6 | 8.5 | 27 | -12 | 0.7 | -0.6 | 3.1 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 1 | 0 | 16 | 5 | 9 | 0 |
| | 1730 | 257 | 1005.3 | 977.1 | .. | 32.2 | 17.3 | 3.2 | 7.7 | 16 | .. | 1.0 | .. | 2.8 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 1 | 13 | 2 | 14 | 1 |
| Ranchi | 0830 | 655 | 1011.7 | 938.5 | -0.3 | 20.3 | 14.1 | 9.1 | 11.5 | 49 | + 8 | 1.6 | +0.1 | 1.5 | 0 | 0 | 23 | 07 | 0 | 0 | 0 | 0 | 0 | 4 | 12 | 8 | 0 |
| | 1730 | 655 | 1005.4 | 933.9 | -1.4 | 25.6 | 16.7 | 10.3 | 12.5 | 38 | + 7 | 1.7 | -0.3 | 1.5 | 0 | 0 | 24 | 14 | 1 | 0 | 0 | 1 | 0 | 1 | 7 | 7 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1009.4 | 936.3 | .. | 18.8 | 11.8 | 5.1 | 8.8 | 39 | .. | 1.0 | .. | 4.5 | 0 | 1 | 11 | 01 | 0 | 0 | 0 | 0 | 1 | 3 | 7 | 19 | 0 |
| | 0830 | 652 | 1010.1 | 938.2 | -1.6 | 23.8 | 14.2 | 5.8 | 9.2 | 32 | -10 | 1.7 | -0.2 | 7.7 | 0 | 3 | 17 | 02 | 0 | 0 | 0 | 1 | 3 | 8 | 6 | 11 | 0 |
| | 1130 | 652 | 1008.8 | 938.1 | .. | 28.1 | 15.7 | 5.1 | 8.8 | 22 | .. | 1.5 | .. | 16.3 | 0 | 9 | 14 | 03 | 0 | 0 | 0 | 1 | 2 | 9 | 8 | 8 | 0 |
| | 1430 | 652 | 1005.1 | 935.2 | .. | 31.2 | 16.7 | 4.5 | 8.4 | 19 | .. | 1.9 | .. | 23.5 | 0 | 17 | 11 | 02 | 0 | 0 | 0 | 0 | 3 | 9 | 14 | 3 | 0 |
| | 1730 | 652 | 1004.9 | 934.7 | -1.6 | 30.0 | 16.3 | 4.7 | 8.5 | 20 | -12 | 1.7 | -1.1 | 16.1 | 0 | 6 | 24 | 03 | 0 | 0 | 0 | 0 | 3 | 9 | 15 | 1 | 0 |
| | 2030 | 652 | 1008.4 | 936.9 | .. | 24.5 | 14.3 | 5.3 | 8.9 | 27 | .. | 1.0 | .. | 8.3 | 0 | 0 | 24 | 03 | 1 | 0 | 1 | 0 | 0 | 6 | 13 | 7 | 0 |
| Jamshedpur | 0830 | 129 | 1010.4 | 995.7 | -1.6 | 24.1 | 15.4 | 7.7 | 10.5 | 36 | -15 | 1.3 | -0.3 | 3.2 | 0 | 0 | 20 | 01 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | 11 | 0 |
| | 1730 | 129 | 1005.2 | 991.0 | -1.5 | 33.8 | 18.5 | 5.5 | 9.0 | 18 | - 9 | 1.5 | -0.8 | 5.9 | 0 | 1 | 18 | 02 | 1 | 1 | 1 | 1 | 0 | 7 | 6 | 12 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1009.2 | 992.8 | .. | 19.1 | 14.3 | 10.2 | 12.4 | 57 | .. | 2.0 | .. | 2.3 | 0 | 0 | 11 | 00 | 0 | 1 | 0 | 1 | 2 | 3 | 4 | 20 | 0 |
| | 0830 | 142 | 1011.1 | 995.0 | -0.8 | 24.7 | 16.1 | 8.9 | 11.4 | 37 | -11 | 1.6 | +0.0 | 5.0 | 0 | 1 | 22 | 01 | 0 | 0 | 0 | 1 | 5 | 7 | 9 | 8 | 0 |
| | 1130 | 142 | 1009.8 | 994.1 | .. | 32.0 | 18.4 | 7.2 | 10.1 | 21 | .. | 1.5 | .. | 7.5 | 0 | 2 | 26 | 00 | 0 | 1 | 0 | 3 | 7 | 5 | 12 | 3 | 0 |
| | 1430 | 142 | 1006.0 | 990.4 | .. | 34.7 | 19.3 | 6.8 | 9.9 | 18 | .. | 1.4 | .. | 7.5 | 0 | 2 | 27 | 00 | 0 | 1 | 1 | 2 | 5 | 5 | 15 | 2 | 0 |
| | 1730 | 142 | 1005.5 | 989.9 | -1.0 | 32.4 | 18.9 | 8.2 | 10.9 | 23 | - 1 | 1.9 | -0.5 | 5.1 | 0 | 1 | 20 | 00 | 0 | 2 | 3 | 1 | 2 | 3 | 7 | 10 | 3 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 2030 | 142 | 1008.0 | 992.0 | .. | 26.5 | 17.3 | 10.1 | 12.3 | 36 | .. | 1.0 | .. | 2.0 | 0 | 0 | 14 | 00 | 6 | 3 | 2 | 1 | 0 | 0 | 2 | 17 | 0 |
| | 2330 | 142 | 1009.1 | 992.9 | .. | 23.5 | 16.2 | 10.3 | 12.5 | 44 | .. | 1.2 | .. | 1.6 | 0 | 0 | 12 | 00 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 19 | 0 |
| Chaibasa | 0830 | 226 | 1011.0 | 985.4 | -0.9 | 25.3 | 16.2 | 8.4 | 11.0 | 34 | -24 | 2.0 | -0.3 | 2.0 | 0 | 0 | 19 | 00 | 4 | 0 | 2 | 0 | 11 | 0 | 2 | 12 | 0 |
| | 1730 | 226 | 1005.4 | 980.5 | -1.2 | 33.0 | 18.1 | 4.9 | 8.7 | 17 | -17 | 2.5 | -0.3 | 2.0 | 0 | 0 | 16 | 00 | 3 | 0 | 1 | 0 | 3 | 0 | 9 | 15 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1010.2 | 1002.5 | -0.9 | 21.1 | 15.8 | 11.6 | 13.7 | 53 | - 4 | 1.0[a] | -0.3 | 4.2[a] | 0 | 0 | 26 | 01 | 2 | 6 | 2 | 0 | 2 | 9 | 4 | 4 | 0 |
| | 1730 | 66 | 1006.5 | 999.0 | -0.4 | 28.3 | 19.5 | 13.5 | 15.5 | 40 | + 0 | 0.2[a] | -0.9 | 1.9[a] | 0 | 0 | 17 | 03 | 4 | 0 | 0 | 1 | 1 | 6 | 1 | 13 | 1 |
| Forbesganj | 0830 | 61 | 1010.2 | 1003.2 | -1.3 | 22.4 | 17.0 | 13.0 | 15.0 | 57 | - 4 | 1.0 | -0.8 | 3.7 | 0 | 0 | 23 | 00 | 1 | 13 | 1 | 0 | 0 | 7 | 1 | 8 | 0 |
| | 1730 | 61 | 1005.5 | 998.7 | -1.3 | 29.9 | 19.3 | 11.7 | 13.7 | 34 | - 3 | 0.6 | -1.3 | 2.3 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 14 | 0 |
| Darbhanga | 0830 | 49 | 1011.3 | 1005.7 | +0.0 | 25.9 | 20.6 | 17.5 | 20.0 | 60 | + 4 | 0.3 | -1.2 | 3.3 | 0 | 0 | 22 | 02 | 1 | 5 | 2 | 0 | 2 | 6 | 4 | 9 | 0 |
| | 1730 | 49 | 1007.5 | 1002.0 | +0.5 | 30.2 | 26.7 | 25.3 | 32.2 | 76 | +39 | 0.2 | -1.1 | 2.5 | 0 | 0 | 16 | 00 | 0 | 1 | 0 | 0 | 1 | 11 | 3 | 15 | 0 |
| Chapra | 0830 | 58 | 1010.0 | 1003.3 | .. | 23.2 | 15.2 | 8.1 | 10.8 | 39 | .. | 0.7 | .. | 2.8 | 0 | 0 | 31 | 00 | 2 | 0 | 0 | 0 | 20 | 0 | 9 | 0 | 0 |
| | 1730 | 58 | 1006.3 | 999.9 | .. | 30.8 | 19.9 | 12.3 | 14.3 | 34 | .. | 0.8 | .. | 3.8 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 0 | 12 | 3 | 13 | 2 | 0 |
| Purnea | 0830 | 38 | 1010.2 | 1005.9 | -1.3 | 23.7 | 16.9 | 11.7 | 13.7 | 49 | - 7 | 0.8 | -1.2 | 1.6 | 0 | 0 | 22 | 00 | 2 | 7 | 0 | 2 | 0 | 11 | 0 | 9 | 0 |
| | 1730 | 38 | 1005.8 | 1001.5 | -1.3 | 30.3 | 18.8 | 10.1 | 12.3 | 29 | - 8 | 1.0 | -0.2 | 2.3 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 2 | 23 | 1 | 5 | 0 |
| Patna | 0830 | 53 | 1010.4 | 1004.4 | -0.9 | 23.1 | 15.0 | 7.7 | 10.5 | 38 | - 7 | 1.4 | -0.3 | 7.0 | 0 | 0 | 29 | 00 | 2 | 0 | 0 | 2 | 7 | 14 | 4 | 2 | 0 |
| | 1730 | 53 | 1006.3 | 1000.4 | -0.8 | 31.0 | 18.2 | 7.7 | 10.5 | 24 | - 3 | 1.5 | -0.5 | 7.0 | 0 | 0 | 31 | 02 | 1 | 0 | 0 | 0 | 3 | 20 | 5 | 0 | 0 |
| Patna Aerodrome | 0530 | 60 | 1008.3 | 1001.4 | .. | 17.2 | 12.4 | 7.7 | 10.5 | 55 | .. | 1.1 | .. | 4.1 | 0 | 0 | 26 | 00 | 1 | 1 | 0 | 2 | 11 | 11 | 0 | 5 | 0 |
| | 0830 | 60 | 1010.5 | 1003.7 | -0.5 | 23.6 | 15.4 | 8.2 | 10.9 | 38 | -11 | 1.3 | +0.0 | 7.5 | 0 | 0 | 30 | 01 | 0 | 1 | 1 | 3 | 7 | 13 | 4 | 1 | 0 |
| | 1130 | 60 | 1009.9 | 1003.2 | .. | 30.8 | 17.8 | 6.7 | 9.8 | 23 | .. | 1.3 | .. | 11.0 | 0 | 3 | 28 | 01 | 0 | 1 | 1 | 0 | 5 | 14 | 9 | 0 | 0 |
| | 1430 | 60 | 1006.9 | 1000.3 | .. | 33.1 | 18.5 | 6.1 | 9.4 | 19 | .. | 1.5 | .. | 13.3 | 0 | 6 | 25 | 01 | 2 | 0 | 0 | 1 | 1 | 9 | 16 | 0 | 1 |
| | 1730 | 60 | 1006.2 | 999.5 | -0.5 | 31.0 | 18.2 | 7.7 | 10.5 | 24 | - 4 | 1.7 | +0.2 | 7.0 | 0 | 0 | 30 | 01 | 0 | 1 | 0 | 0 | 3 | 11 | 13 | 1 | 1 |
| | 2030 | 60 | 1008.2 | 1001.3 | .. | 23.8 | 15.9 | 9.3 | 11.7 | 41 | .. | 0.9 | .. | 2.4 | 0 | 0 | 17 | 00 | 2 | 0 | 0 | 3 | 1 | 9 | 2 | 14 | 0 |
| | 2330 | 60 | 1008.8 | 1001.8 | .. | 21.3 | 14.6 | 8.7 | 11.2 | 46 | .. | 0.8 | .. | 3.3 | 0 | 0 | 20 | 01 | 0 | 0 | 1 | 1 | 6 | 8 | 3 | 11 | 0 |
| Bhagalpur | 0530 | 49 | 1008.4 | 1002.8 | .. | 19.4 | 14.0 | 9.2 | 11.6 | 53 | .. | 2.1 | .. | 4.7 | 0 | 0 | 27 | 00 | 0 | 2 | 7 | 7 | 7 | 4 | 0 | 4 | 0 |
| | 0830 | 49 | 1010.7 | 1005.1 | -1.0 | 25.0 | 16.6 | 9.8 | 12.2 | 39 | -14 | 1.8 | +0.1 | 5.8 | 0 | 1 | 24 | 00 | 1 | 1 | 5 | 2 | 6 | 8 | 2 | 6 | 0 |
| | 1130 | 49 | 1010.0 | 1004.6 | .. | 31.1 | 18.4 | 8.2 | 10.9 | 24 | .. | 1.9 | .. | 10.1 | 0 | 4 | 26 | 01 | 1 | 1 | 2 | 2 | 4 | 15 | 4 | 1 | 0 |
| | 1730 | 49 | 1006.3 | 1000.8 | -1.0 | 29.4 | 18.4 | 9.9 | 12.2 | 30 | - 9 | 2.0 | +0.3 | 5.3 | 0 | 0 | 29 | 01 | 1 | 0 | 0 | 0 | 6 | 16 | 5 | 2 | 0 |
| | 2330 | 49 | 1008.9 | 1003.3 | .. | 23.2 | 15.9 | 9.8 | 12.1 | 43 | .. | 1.3 | .. | 4.5 | 0 | 0 | 24 | 00 | 1 | 0 | 2 | 8 | 11 | 2 | 0 | 7 | 0 |
| Sabaur | 0830 | 37 | 1010.5 | 1006.2 | -0.9 | 23.6 | 18.1 | 14.3 | 16.3 | 56 | + 1 | 1.5 | -0.3 | 5.2 | 0 | 0 | 30 | 00 | 1 | 0 | 2 | 4 | 11 | 8 | 4 | 1 | 0 |
| | 1730 | 37 | 1005.8 | 1001.7 | -1.0 | 30.8 | 22.5 | 17.9 | 20.5 | 48 | +11 | 1.6 | +0.0 | 6.1 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 0 | 0 | 8 | 18 | 4 | 0 |
| Jamui | 0830 | 37 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 37 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Dehri | 0830 | 107 | 1010.4 | 998.1 | -1.0 | 24.7 | 15.5 | 7.2 | 10.1 | 34 | -11 | 1.7 | -0.2 | 5.0 | 0 | 0 | 31 | 01 | 0 | 0 | 1 | 7 | 11 | 11 | 0 | 0 | 0 |
| | 1730 | 107 | 1006.3 | 994.4 | -0.4 | 32.3 | 17.9 | 5.3 | 8.9 | 18 | - 8 | 1.9 | +0.1 | 5.8 | 0 | 0 | 31 | 03 | 2 | 0 | 1 | 0 | 0 | 23 | 2 | 0 | 0 |
| Gaya | 0230 | 116 | 1008.9 | 995.4 | .. | 18.3 | 12.3 | 6.2 | 9.5 | 46 | .. | 0.3 | .. | 3.5 | 0 | 0 | 28 | 00 | 0 | 0 | 7 | 11 | 6 | 3 | 1 | 3 | 0 |
| | 0530 | 116 | 1009.2 | 995.7 | .. | 16.8 | 11.5 | 6.0 | 9.3 | 50 | .. | 0.6 | .. | 4.0 | 0 | 0 | 27 | 00 | 0 | 2 | 7 | 8 | 8 | 2 | 0 | 4 | 0 |
| | 0830 | 116 | 1011.0 | 997.8 | -0.7 | 24.8 | 15.6 | 7.4 | 10.3 | 33 | - 7 | 1.4 | -0.2 | 7.5 | 0 | 2 | 27 | 01 | 0 | 0 | 1 | 6 | 14 | 5 | 2 | 2 | 0 |
| | 1130 | 116 | 1010.6 | 997.6 | .. | 31.9 | 17.9 | 5.7 | 9.1 | 20 | .. | 1.3 | .. | 15.5 | 0 | 9 | 22 | 00 | 2 | 1 | 0 | 0 | 2 | 17 | 9 | 0 | 0 |
| | 1430 | 116 | 1007.3 | 994.5 | .. | 33.8 | 18.4 | 4.9 | 8.7 | 17 | .. | 1.3 | .. | 19.1 | 0 | 14 | 16 | 00 | 1 | 0 | 0 | 0 | 0 | 15 | 14 | 1 | 0 |
| | 1730 | 116 | 1006.6 | 993.7 | -0.6 | 31.9 | 17.9 | 5.7 | 9.1 | 19 | - 1 | 1.8 | +0.1 | 12.7 | 0 | 2 | 28 | 02 | 1 | 0 | 0 | 0 | 1 | 9 | 17 | 1 | 0 |
| | 2030 | 116 | 1008.6 | 995.4 | .. | 24.9 | 15.5 | 7.0 | 10.0 | 32 | .. | 0.7 | .. | 4.6 | 0 | 0 | 23 | 00 | 1 | 1 | 0 | 3 | 6 | 8 | 4 | 8 | 0 |
| | 2330 | 116 | 1009.5 | 996.1 | .. | 21.1 | 13.6 | 6.3 | 9.5 | 39 | .. | 0.6 | .. | 3.7 | 0 | 0 | 29 | 00 | 0 | 1 | 2 | 9 | 12 | 2 | 3 | 2 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1010.3 | 995.9 | -0.7 | 20.1 | 14.3 | 9.0 | 11.5 | 51 | - 4 | 1.2 | -0.5 | 6.8 | 0 | 0 | 27 | 01 | 0 | 2 | 0 | 0 | 4 | 5 | 15 | 4 | 0 |
| | 1730 | 124 | 1006.4 | 992.5 | -1.4 | 30.7 | 18.8 | 9.8 | 12.1 | 25 | - 7 | 1.6 | -0.4 | 6.5 | 0 | 1 | 23 | 00 | 1 | 0 | 1 | 0 | 2 | 11 | 9 | 7 | 0 |
| Nautanwa | 0830 | 99 | 1009.3 | 997.8 | -2.4 | 20.4 | 14.6 | 9.4 | 11.8 | 51 | -14 | 0.7 | -0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 1005.3 | 994.0 | -2.9 | 30.2 | 17.5 | 7.1 | 10.1 | 23 | -13 | 0.9 | -0.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 1011.0 | 994.5 | -0.6 | 21.7 | 14.7 | 8.3 | 10.9 | 43 | -17 | 0.4 | -1.3 | 4.2 | 0 | 0 | 30 | 02 | 0 | 1 | 1 | 0 | 0 | 23 | 3 | 1 | 0 |
| | 1730 | 142 | 1007.0 | 991.0 | -0.6 | 29.5 | 17.2 | 6.6 | 9.7 | 26 | - 5 | 0.6 | -1.3 | 4.3 | 0 | 0 | 30 | 00 | 0 | 1 | 0 | 0 | 0 | 26 | 3 | 1 | 0 |
| Gonda | 0830 | 110 | 1010.3 | 997.8 | -1.1 | 23.4 | 15.2 | 8.0 | 10.7 | 39 | -13 | 0.7 | -0.9 | 4.5 | 0 | 0 | 28 | 00 | 0 | 1 | 0 | 0 | 0 | 6 | 21 | 3 | 0 |
| | 1730 | 110 | 1006.2 | 994.0 | -1.4 | 30.2 | 17.7 | 6.7 | 9.8 | 25 | - 6 | 0.8 | -0.9 | 3.1 | 0 | 0 | 22 | 01 | 0 | 0 | 0 | 0 | 0 | 7 | 14 | 9 | 0 |
| Lucknow | 0830 | 111 | 1010.2 | 997.4 | -1.3 | 20.9 | 14.9 | 9.6 | 11.9 | 49 | - 2 | 1.1 | -0.5 | 2.4 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 0 | 0 | 21 | 0 | 9 | 0 |
| | 1730 | 111 | 1007.0 | 994.6 | -0.7 | 30.9 | 19.3 | 10.8 | 12.9 | 29 | + 1 | 1.3 | -0.3 | 3.7 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 5 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 1008.8 | 993.6 | .. | 16.8 | 11.3 | 5.1 | 8.8 | 49 | .. | 1.1 | .. | 5.0 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 1 | 2 | 11 | 10 | 7 | 0 |
| | 0530 | 128 | 1008.8 | 993.8 | .. | 14.8 | 10.6 | 6.0 | 9.3 | 57 | .. | 0.9 | .. | 5.8 | 0 | 0 | 29 | 01 | 0 | 0 | 1 | 1 | 1 | 12 | 13 | 2 | 0 |
| | 0830 | 128 | 1010.7 | 996.0 | -0.6 | 21.5 | 13.4 | 5.3 | 8.9 | 36 | -16 | 1.2 | -0.5 | 10.8 | 0 | 1 | 30 | 03 | 0 | 0 | 2 | 0 | 3 | 11 | 12 | 0 | 0 |
| | 1130 | 128 | 1010.6 | 996.3 | .. | 29.5 | 15.9 | 1.5 | 6.8 | 17 | .. | 1.2 | .. | 17.9 | 0 | 12 | 18 | 02 | 0 | 0 | 1 | 0 | 0 | 14 | 13 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOUR - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.) | 1430 | 128 | 1007.5 | 993.3 | .. | 32.2 | 16.3 | - 1.4 | 5.4 | 12 | .. | 1.3 | .. | 17.9 | 0 | 14 | 16 | 01 | 0 | 0 | 0 | 1 | 1 | 11 | 16 | 1 | 0 |
| | 1730 | 128 | 1006.9 | 992.4 | -0.8 | 30.9 | 16.0 | - 0.4 | 5.9 | 14 | -15 | 1.4 | -0.6 | 12.1 | 0 | 6 | 24 | 03 | 0 | 1 | 0 | 0 | 0 | 8 | 18 | 1 | 0 |
| | 2030 | 128 | 1008.7 | 994.1 | .. | 22.1 | 13.9 | 5.0 | 8.7 | 34 | .. | 1.1 | .. | 6.3 | 0 | 1 | 27 | 01 | 1 | 1 | 0 | 0 | 1 | 18 | 6 | 3 | 0 |
| | 2330 | 128 | 1009.4 | 994.5 | .. | 19.1 | 12.4 | 5.2 | 8.8 | 42 | .. | 1.1 | .. | 6.0 | 0 | 0 | 26 | 01 | 1 | 2 | 0 | 0 | 2 | 12 | 8 | 5 | 0 |
| Faizabad | 0830 | 102 | 1010.0 | 998.3 | -1.6 | 21.8 | 14.7 | 8.3 | 10.9 | 43 | -11 | 1.5 | -0.4 | 4.8 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 1 | 0 | 25 | 2 | 2 | 0 |
| | 1730 | 102 | 1006.4 | 995.0 | -1.4 | 29.7 | 18.0 | 8.4 | 11.0 | 28 | - 8 | 1.4 | -0.8 | 4.5 | 0 | 0 | 22 | 00 | 1 | 1 | 0 | 0 | 0 | 19 | 1 | 9 | 0 |
| Gorakhpur | 0830 | 77 | 1010.2 | 1001.4 | -0.7 | 24.0 | 12.0 | 6.7 | 9.8 | 38 | -13 | 0.6 | -0.9 | 2.4 | 0 | 0 | 27 | 01 | 0 | 2 | 1 | 2 | 0 | 19 | 2 | 4 | 0 |
| | 1730 | 77 | 1006.8 | 998.1 | -0.2 | 31.0 | 16.9 | 8.4 | 11.0 | 23 | - 7 | 0.8 | -0.7 | 2.6 | 0 | 0 | 30 | 00 | 0 | 1 | 0 | 1 | 0 | 24 | 4 | 1 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1007.3 | 998.2 | .. | 21.4 | 14.8 | 9.9 | 12.2 | 51 | .. | 1.0 | .. | 4.9 | 0 | 0 | 20 | 01 | 1 | 0 | 0 | 2 | 5 | 8 | 3 | 11 | 0 |
| | 0530 | 78 | 1007.8 | 998.6 | .. | 19.5 | 14.0 | 9.8 | 12.1 | 55 | .. | 1.2 | .. | 4.4 | 0 | 0 | 24 | 03 | 1 | 1 | 0 | 1 | 4 | 14 | 0 | 7 | 0 |
| | 1130 | 78 | 1009.9 | 1001.1 | .. | 28.6 | 17.3 | 9.1 | 11.5 | 31 | .. | 0.9 | .. | 9.2 | 0 | 2 | 29 | 02 | 0 | 0 | 0 | 7 | 2 | 14 | 6 | 0 | 0 |
| | 1430 | 78 | 1006.8 | 998.1 | .. | 30.7 | 17.3 | 8.0 | 10.7 | 25 | .. | 1.0 | .. | 10.2 | 0 | 1 | 30 | 02 | 0 | 0 | 0 | 4 | 5 | 14 | 6 | 0 | 0 |
| | 2030 | 78 | 1007.9 | 998.9 | .. | 25.7 | 16.1 | 9.4 | 11.8 | 39 | .. | 0.4 | .. | 4.6 | 0 | 0 | 24 | 01 | 1 | 0 | 1 | 1 | 7 | 11 | 2 | 7 | 0 |
| | 2330 | 78 | 1008.3 | 999.4 | .. | 23.4 | 15.7 | 10.1 | 12.3 | 46 | .. | 1.0 | .. | 5.2 | 0 | 0 | 25 | 01 | 0 | 0 | 1 | 4 | 6 | 10 | 3 | 6 | 0 |
| Kanpur | 0830 | 126 | 1010.8 | 996.2 | -1.1 | 19.6 | 13.7 | 8.1 | 10.8 | 48 | + 1 | 0.9 | -0.4 | 9.0 | 0 | 0 | 30 | 00 | 0 | 1 | 0 | 2 | 3 | 20 | 4 | 1 | 0 |
| | 1730 | 126 | 1007.4 | 993.5 | -0.4 | 32.0 | 19.0 | 8.4 | 11.0 | 24 | - 5 | 0.9 | -0.7 | 14.0 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 1 | 0 | 29 | 1 | 0 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 1009.4 | 994.6 | .. | 16.4 | 11.1 | 5.2 | 8.8 | 49 | .. | 0.9 | .. | 7.0 | 0 | 0 | 24 | 02 | 0 | 0 | 0 | 0 | 0 | 16 | 6 | 7 | 0 |
| | 0830 | 126 | 1011.2 | 996.8 | .. | 21.6 | 13.8 | 5.8 | 9.2 | 37 | .. | 1.4 | .. | 11.0 | 0 | 0 | 31 | 02 | 0 | 0 | 1 | 0 | 6 | 16 | 4 | 0 | 2 |
| | 1130 | 126 | 1011.0 | 997.0 | .. | 30.2 | 16.7 | 3.1 | 7.6 | 19 | .. | 1.3 | .. | 17.1 | 0 | 8 | 23 | 03 | 0 | 0 | 1 | 0 | 1 | 17 | 9 | 0 | 0 |
| | 1730 | 126 | 1007.1 | 993.1 | .. | 31.5 | 16.5 | 0.6 | 6.4 | 14 | .. | 1.5 | .. | 13.2 | 0 | 1 | 30 | 01 | 0 | 0 | 0 | 1 | 1 | 16 | 12 | 0 | 0 |
| | 2330 | 126 | 1009.5 | 995.1 | .. | 21.4 | 13.2 | 4.9 | 8.7 | 37 | .. | 1.5 | .. | 6.6 | 0 | 0 | 26 | 01 | 1 | 1 | 0 | 0 | 0 | 12 | 11 | 5 | 0 |
| Sultanpur | 0830 | 97 | 1010.8 | 999.8 | -1.7 | 23.4 | 14.8 | 6.6 | 9.7 | 34 | -14 | 0.9 | -0.6 | 4.1 | 0 | 0 | 28 | 00 | 2 | 0 | 1 | 0 | 2 | 9 | 14 | 3 | 0 |
| | 1730 | 97 | 1006.5 | 995.6 | -2.2 | 32.2 | 17.9 | 4.9 | 8.7 | 19 | - 8 | 1.1 | -0.8 | 4.5 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 3 | 12 | 15 | 0 | 0 |
| Azamgarh | 0830 | 78 | 1010.8 | 1001.8 | -0.1 | 23.2 | 18.4 | 15.2 | 17.3 | 61 | + 4 | 0.5 | -0.8 | 5.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 1 | 0 |
| | 1730 | 78 | 1006.3 | 997.7 | -0.6 | 32.5 | 24.1 | 19.6 | 22.8 | 49 | +10 | 0.5 | -0.4 | 6.1 | 0 | 0 | 29 | 01 | 0 | 1 | 0 | 0 | 1 | 22 | 4 | 2 | 0 |
| Fatehpur | 0830 | 114 | 1011.8 | 998.7 | +0.0 | 22.8 | 13.7 | 4.6 | 8.5 | 31 | -16 | 0.4 | -1.0 | 7.6 | 0 | 1 | 29 | 02 | 0 | 1 | 1 | 0 | 6 | 7 | 12 | 0 | 0 |
| | 1730 | 114 | 1007.3 | 994.5 | -0.4 | 31.8 | 16.9 | 2.1 | 7.1 | 17 | - 9 | 1.2 | -0.5 | 10.7 | 0 | 2 | 29 | 00 | 1 | 0 | 0 | 1 | 0 | 0 | 29 | 0 | 0 |
| Ballia | 0830 | 64 | 1010.6 | 1003.3 | -1.4 | 23.4 | 16.3 | 9.9 | 12.2 | 45 | - 9 | 0.7 | -1.2 | .. | . | .. | .. | 00 | 0 | 1 | 2 | 0 | 0 | 24 | 1 | 3 | 0 |
| | 1730 | 64 | 1006.9 | 999.8 | -1.9 | 32.0 | 18.6 | 7.3 | 10.1 | 23 | - 7 | 0.2 | -1.5 | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 25 | 0 |
| Banda | 0830 | 121 | 1012.5 | 998.6 | +0.4 | 24.4 | 14.5 | 4.7 | 8.5 | 29 | -19 | 0.8 | -0.4 | 1.1 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 29 | 0 |
| | 1730 | 121 | 1007.7 | 993.9 | -0.3 | 32.9 | 17.7 | 2.9 | 7.5 | 17 | -14 | 0.8 | -0.7 | 1.9 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 0 | 12 | 0 | 10 | 9 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1008.7 | 997.2 | .. | 19.2 | 12.6 | 6.0 | 9.3 | 43 | .. | 1.3 | .. | 0.6 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 1 | 1 | 3 | 3 | 23 | 0 |
| | 0530 | 98 | 1009.2 | 997.7 | .. | 17.4 | 11.7 | 5.6 | 9.1 | 47 | .. | 1.8 | .. | 0.6 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 4 | 3 | 1 | 23 | 0 |
| | 0830 | 98 | 1011.2 | 1000.0 | -0.5 | 23.2 | 14.2 | 5.3 | 8.9 | 32 | -12 | 1.3 | -0.4 | 3.0 | 0 | 0 | 23 | 00 | 1 | 0 | 0 | 2 | 11 | 7 | 2 | 8 | 0 |
| | 1130 | 98 | 1010.9 | 1000.0 | .. | 31.9 | 17.5 | 4.0 | 8.1 | 18 | .. | 1.0 | .. | 0.8 | 0 | 0 | 31 | 02 | 1 | 0 | 0 | 0 | 8 | 16 | 4 | 0 | 0 |
| | 1430 | 98 | 1007.9 | 997.1 | .. | 34.4 | 18.4 | 3.9 | 8.1 | 16 | .. | 1.4 | .. | 9.0 | 0 | 2 | 29 | 01 | 1 | 0 | 0 | 0 | 1 | 18 | 10 | 0 | 0 |
| | 1730 | 98 | 1006.9 | 996.0 | -0.7 | 32.7 | 17.9 | 4.3 | 8.3 | 17 | - 6 | 1.5 | -0.4 | 5.1 | 0 | 0 | 29 | 01 | 1 | 0 | 0 | 0 | 0 | 20 | 7 | 2 | 0 |
| | 2030 | 98 | 1008.9 | 997.7 | .. | 25.4 | 15.9 | 7.4 | 10.3 | 33 | .. | 0.9 | .. | 0.8 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 1 | 6 | 2 | 22 | 0 |
| | 2330 | 98 | 1009.5 | 998.2 | .. | 21.8 | 13.9 | 6.2 | 9.5 | 37 | .. | 1.1 | .. | 0.7 | 0 | 0 | 8 | 01 | 1 | 0 | 0 | 0 | 0 | 5 | 1 | 23 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1009.8 | 999.7 | .. | 17.1 | 12.2 | 7.3 | 10.2 | 53 | .. | 1.5 | .. | 4.0 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 2 | 11 | 10 | 1 | 7 | 0 |
| | 0830 | 85 | 1011.9 | 1002.1 | -0.2 | 23.7 | 15.5 | 8.0 | 10.7 | 36 | - 8 | 1.2 | -0.7 | 8.8 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 1 | 16 | 9 | 2 | 2 | 0 |
| | 1130 | 85 | 1011.5 | 1001.9 | .. | 31.0 | 18.3 | 7.7 | 10.5 | 24 | .. | 1.3 | .. | 14.0 | 0 | 5 | 25 | 00 | 0 | 1 | 0 | 0 | 8 | 15 | 5 | 1 | 1 |
| | 1730 | 85 | 1007.5 | 998.0 | -0.3 | 31.6 | 18.9 | 8.4 | 11.0 | 25 | - 1 | 1.3 | -0.7 | 11.2 | 0 | 1 | 28 | 00 | 0 | 1 | 0 | 0 | 0 | 24 | 4 | 2 | 0 |
| | 2330 | 85 | 1010.1 | 1000.2 | .. | 20.9 | 14.4 | 8.3 | 10.9 | 45 | .. | 0.7 | .. | 4.0 | 0 | 0 | 15 | 00 | 0 | 1 | 0 | 0 | 0 | 13 | 1 | 16 | 0 |
| Varanasi | 0830 | 76 | 1010.4 | 1001.6 | -1.2 | 23.6 | 15.6 | 9.2 | 11.6 | 41 | - 6 | 0.8 | -0.8 | 2.3 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 1 | 6 | 18 | 3 | 2 | 0 |
| | 1730 | 76 | 1006.3 | 997.8 | -1.2 | 31.7 | 18.3 | 7.3 | 10.2 | 22 | - 2 | 0.8 | -0.8 | 1.6 | 0 | 0 | 21 | 01 | 1 | 0 | 0 | 0 | 0 | 15 | 4 | 10 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 12.4 | 7.3 | 1.6 | 6.9 | 49 | - 2 | 2.3 | -0.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 14.4 | 8.1 | 1.1 | 6.6 | 42 | - 5 | 3.7 | 0.0 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | | .. | .. | .. | 14.5 | 11.3 | 8.3 | 10.9 | 67 | - 6 | 2.3 | -0.2 | 0.1 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 1130 | | .. | .. | .. | 22.2 | 13.6 | 5.7 | 9.1 | 35 | .. | 2.5 | .. | 1.2 | 0 | 0 | 12 | 03 | 0 | 0 | 2 | 1 | 0 | 5 | 1 | 19 | 0 |
| | 1730 | | .. | .. | .. | 26.2 | 14.3 | 3.3 | 7.7 | 23 | -11 | 3.6 | +0.5 | 2.9 | 0 | 0 | 25 | 00 | 0 | 1 | 12 | 5 | 4 | 2 | 1 | 6 | 0 |
| Dehra Dun | 0530 | 682 | 1010.0 | 932.5 | .. | 14.9 | 10.8 | 6.9 | 10.0 | 60 | .. | 2.0 | .. | 1.4 | 0 | 0 | 13 | 02 | 8 | 0 | 2 | 0 | 0 | 0 | 1 | 18 | 0 |
| | 0830 | 682 | 1010.8 | 934.2 | -0.7 | 17.4 | 12.4 | 8.1 | 10.8 | 52 | - 6 | 2.2 | -0.8 | 0.9 | 0 | 0 | 12 | 05 | 1 | 0 | 1 | 0 | 1 | 4 | 0 | 19 | 0 |
| | 1130 | 682 | 1009.5 | 934.4 | .. | 24.6 | 15.0 | 7.0 | 10.1 | 34 | .. | 2.2 | .. | 2.6 | 0 | 0 | 21 | 00 | 0 | 0 | 4 | 5 | 6 | 6 | 0 | 10 | 0 |
| | 1730 | 682 | 1006.1 | 931.6 | -1.3 | 25.8 | 15.4 | 6.8 | 9.9 | 30 | - 8 | 2.6 | -0.5 | 1.9 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 6 | 4 | 12 | 3 | 5 | 0 |
| | 2330 | 682 | 1010.5 | 933.7 | .. | 17.7 | 12.3 | 7.6 | 10.4 | 50 | .. | 0.2 | .. | 2.2 | 0 | 0 | 19 | 03 | 13 | 0 | 2 | 0 | 0 | 0 | 1 | 12 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | 11.8 | 4.7 | - 5.6 | 3.8 | 29 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 13.4 | 6.1 | - 3.4 | 4.6 | 31 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1012.0 | 980.3 | +0.3 | 17.8 | 12.8 | 8.1 | 10.8 | 53 | - 9 | 2.3 | -0.3 | 0.9 | 0 | 0 | 14 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 13 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level of ht in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee (Contd.) | 1730 | 274 | 1008.3 | 977.7 | +0.2 | 27.5 | 16.3 | 6.1 | 9.4 | 27 | - 5 | 3.3 | +0.4 | 1.6 | 0 | 0 | 23 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 22 | 8 | 0 |
| Najibabad | 0830 | 270 | 1011.5 | 980.2 | -0.5 | 17.2 | 13.2 | 9.5 | 11.9 | 62 | - 3 | 2.4 | +0.7 | 3.2 | 0 | 0 | 25 | 01 | 0 | 4 | 1 | 0 | 0 | 14 | 5 | 6 | 0 |
| | 1730 | 270 | 1007.6 | 977.5 | -0.3 | 28.3 | 16.6 | 5.7 | 9.1 | 24 | - 9 | 2.9 | +1.1 | 5.7 | 0 | 1 | 28 | 00 | 0 | 3 | 0 | 0 | 1 | 24 | 1 | 2 | 0 |
| Meerut | 0830 | 222 | 1011.4 | 985.3 | -1.2 | 20.1 | 14.1 | 8.9 | 11.4 | 50 | - 6 | 0.3 | -0.8 | 4.1 | 0 | 0 | 22 | 01 | 0 | 0 | 0 | 0 | 1 | 13 | 7 | 9 | 0 |
| Bareilly | 0830 | 173 | 1011.0 | 991.0 | -0.6 | 20.4 | 15.7 | 11.9 | 13.9 | 61 | + 6 | 1.2 | -0.9 | 7.3 | 0 | 0 | 31 | 00 | 1 | 1 | 0 | 0 | 0 | 20 | 9 | 0 | 0 |
| | 1730 | 173 | 1007.0 | 987.6 | -0.8 | 29.4 | 20.4 | 13.3 | 15.3 | 44 | +15 | 2.1 | -0.4 | 4.0 | 0 | 0 | 30 | 00 | 0 | 3 | 0 | 0 | 2 | 25 | 0 | 1 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1008.6 | 988.6 | .. | 19.4 | 13.0 | 7.9 | 10.7 | 48 | .. | 1.0 | .. | 4.1 | 0 | 1 | 23 | 02 | 0 | 3 | 0 | 0 | 0 | 12 | 7 | 7 | 0 |
| | 0530 | 172 | 1008.9 | 988.8 | .. | 17.5 | 12.4 | 8.2 | 10.9 | 56 | .. | 1.2 | .. | 5.2 | 0 | 1 | 24 | 00 | 0 | 2 | 0 | 0 | 1 | 14 | 8 | 5 | 0 |
| | 1130 | 172 | 1010.5 | 991.0 | .. | 27.6 | 16.1 | 7.6 | 10.4 | 29 | .. | 1.5 | .. | 9.3 | 0 | 1 | 30 | 00 | 0 | 1 | 2 | 0 | 0 | 11 | 17 | 0 | 0 |
| | 1430 | 172 | 1007.5 | 988.3 | .. | 31.1 | 16.7 | 7.2 | 10.1 | 21 | .. | 2.0 | .. | .. | . | .. | .. | 00 | 0 | 3 | 0 | 0 | 1 | 7 | 20 | 0 | 0 |
| | 2030 | 172 | 1008.6 | 989.0 | .. | 24.3 | 14.8 | 7.7 | 10.5 | 35 | .. | 0.8 | .. | 3.9 | 0 | 0 | 26 | 00 | 0 | 2 | 0 | 0 | 0 | 20 | 4 | 5 | 0 |
| | 2330 | 172 | 1009.3 | 989.5 | .. | 21.7 | 13.9 | 7.8 | 10.6 | 42 | .. | 1.3 | .. | 4.4 | 0 | 0 | 28 | 00 | 0 | 3 | 0 | 0 | 0 | 17 | 8 | 3 | 0 |
| Aligarh | 0830 | 187 | 1012.2 | 990.4 | +0.1 | 18.8 | 13.0 | 7.4 | 10.3 | 49 | - 3 | 1.1 | -0.7 | 4.8 | 0 | 0 | 31 | 03 | 0 | 0 | 0 | 3 | 4 | 17 | 4 | 0 | 0 |
| | 1730 | 187 | 1008.0 | 987.0 | -0.3 | 29.7 | 17.2 | 6.1 | 9.4 | 24 | - 1 | 2.0 | -0.3 | 4.6 | 0 | 0 | 29 | 05 | 1 | 1 | 0 | 2 | 1 | 15 | 4 | 2 | 0 |
| Mainpuri | 0830 | 157 | 1011.2 | 993.1 | -0.6 | 21.2 | 15.1 | 9.9 | 12.2 | 50 | - 2 | 1.5 | -0.4 | 6.3 | 0 | 0 | 28 | 01 | 0 | 0 | 1 | 0 | 5 | 7 | 14 | 3 | 0 |
| | 1730 | 157 | 1007.4 | 989.8 | -0.8 | 30.5 | 19.9 | 12.4 | 14.4 | 34 | + 5 | 1.5 | -0.7 | 8.8 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 1 | 0 | 10 | 18 | 1 | 0 |
| Agra | 0830 | 169 | 1012.1 | 992.5 | -0.4 | 20.8 | 15.6 | 11.2 | 13.3 | 55 | + 8 | 0.5 | -1.1 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 169 | 1007.4 | 988.7 | -0.8 | 31.0 | 23.8 | 19.6 | 22.8 | 55 | +31 | 1.4 | -0.5 | 1.0 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 1010.2 | 990.4 | .. | 14.8 | 11.3 | 7.8 | 10.6 | 64 | .. | 0.7 | .. | 5.6 | 0 | 0 | 14 | 03 | 1 | 0 | 0 | 1 | 1 | 5 | 2 | 17 | 1 |
| | 0830 | 169 | 1012.0 | 992.5 | .. | 20.2 | 14.2 | 9.0 | 11.5 | 50 | .. | 1.3 | .. | 8.3 | 0 | 2 | 20 | 04 | 0 | 1 | 0 | 0 | 2 | 9 | 6 | 9 | 0 |
| | 1130 | 169 | 1011.7 | 992.8 | .. | 29.4 | 18.3 | 9.4 | 11.8 | 26 | .. | 1.2 | .. | 16.9 | 0 | 9 | 20 | 06 | 0 | 0 | 1 | 2 | 3 | 4 | 13 | 2 | 0 |
| | 1730 | 169 | 1007.6 | 988.8 | .. | 30.6 | 19.1 | 10.0 | 12.3 | 29 | .. | 1.5 | .. | 15.9 | 0 | 5 | 26 | 04 | 0 | 0 | 2 | 0 | 1 | 6 | 18 | 0 | 0 |
| | 2330 | 169 | 1010.5 | 991.0 | .. | 19.0 | 14.0 | 9.7 | 12.0 | 55 | .. | 1.2 | .. | 2.8 | 0 | 1 | 6 | 01 | 0 | 0 | 1 | 0 | 0 | 2 | 3 | 24 | 0 |
| Orai | 0830 | 141 | 1012.2 | 996.2 | -0.3 | 25.8 | 17.2 | 10.4 | 12.6 | 39 | -10 | 0.8 | -0.6 | 3.5 | 0 | 0 | 31 | 02 | 7 | 0 | 3 | 1 | 1 | 0 | 17 | 0 | 0 |
| | 1730 | 141 | 1007.3 | 991.6 | -1.0 | 31.2 | 20.2 | 12.6 | 14.6 | 33 | + 1 | 0.0 | -1.5 | 3.0 | 0 | 0 | 31 | 00 | 19 | 1 | 1 | 1 | 0 | 0 | 9 | 0 | 0 |
| Jhansi | 0830 | 252 | 1012.4 | 983.8 | +0.1 | 22.2 | 12.7 | 1.8 | 6.9 | 26 | -11 | 1.2 | -0.1 | 1.5 | 0 | 0 | 15 | 00 | 0 | 1 | 0 | 1 | 2 | 10 | 1 | 16 | 0 |
| | 1730 | 252 | 1007.5 | 979.8 | -0.1 | 32.5 | 16.3 | - 1.4 | 5.4 | 12 | - 6 | 1.6 | -0.1 | 2.6 | 0 | 0 | 25 | 08 | 0 | 6 | 0 | 1 | 0 | 10 | 0 | 6 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1009.8 | 973.5 | .. | 15.6 | 11.9 | 7.9 | 10.6 | 65 | .. | 3.2 | .. | 4.4 | 0 | 0 | 12 | 03 | 5 | 1 | 2 | 1 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 312 | 1011.0 | 975.1 | -0.7 | 18.5 | 13.1 | 8.0 | 10.7 | 52 | - 4 | 4.4 | +0.7 | 5.2 | 0 | 1 | 20 | 00 | 9 | 5 | 2 | 2 | 1 | 1 | 1 | 10 | 0 |
| | 1130 | 312 | 1010.8 | 975.7 | .. | 24.5 | 15.3 | 6.8 | 9.9 | 34 | .. | 4.5 | .. | 9.2 | 0 | 2 | 22 | 02 | 1 | 3 | 5 | 6 | 5 | 1 | 1 | 7 | 0 |
| | 1730 | 312 | 1007.8 | 972.8 | -1.7 | 26.0 | 15.1 | 4.2 | 8.2 | 27 | -13 | 3.7 | -1.0 | 12.0 | 0 | 2 | 28 | 01 | 1 | 0 | 0 | 4 | 6 | 13 | 5 | 1 | 0 |
| | 2330 | 312 | 1010.8 | 974.9 | .. | 17.7 | 13.1 | 8.8 | 11.3 | 60 | .. | 3.0 | .. | 6.5 | 0 | 2 | 10 | 04 | 3 | 2 | 1 | 1 | 0 | 1 | 0 | 19 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1010.0 | 982.5 | .. | 13.1 | 11.2 | 9.3 | 11.7 | 79 | .. | 2.7 | .. | 5.7 | 0 | 1 | 21 | 02 | 1 | 5 | 2 | 0 | 1 | 8 | 3 | 9 | 0 |
| | 0830 | 234 | 1011.4 | 984.0 | -0.9 | 15.8 | 13.0 | 10.6 | 12.8 | 72 | + 0 | 4.3 | +1.2 | 5.3 | 0 | 1 | 17 | 03 | 1 | 3 | 3 | 2 | 0 | 1 | 5 | 13 | 0 |
| | 1130 | 234 | 1011.3 | 984.7 | .. | 24.2 | 16.1 | 9.2 | 11.6 | 40 | .. | 3.9 | .. | 10.3 | 0 | 3 | 24 | 01 | 2 | 5 | 3 | 2 | 1 | 5 | 8 | 4 | 0 |
| | 1430 | 234 | 1009.2 | 982.9 | .. | 27.1 | 16.8 | 7.6 | 10.4 | 31 | .. | 3.7 | .. | 13.4 | 0 | 5 | 25 | 01 | 1 | 2 | 7 | 1 | 1 | 6 | 11 | 1 | 0 |
| | 1730 | 234 | 1008.2 | 981.8 | -1.0 | 25.7 | 16.8 | 9.2 | 11.6 | 37 | - 3 | 3.2 | -0.2 | 10.6 | 0 | 2 | 27 | 00 | 0 | 4 | 2 | 3 | 2 | 4 | 14 | 2 | 0 |
| | 2030 | 234 | 1009.9 | 982.9 | .. | 18.7 | 14.7 | 11.3 | 13.4 | 63 | .. | 2.8 | .. | 4.8 | 0 | 0 | 19 | 02 | 0 | 4 | 2 | 1 | 0 | 3 | 7 | 12 | 0 |
| Ambala (Aerodrome) | 0830 | 238 | 1011.4 | 982.4 | .. | 15.9 | 12.8 | 9.8 | 12.1 | 70 | .. | 3.5 | .. | 5.6 | 0 | 1 | 17 | 01 | 2 | 2 | 4 | 2 | 0 | 3 | 4 | 13 | 0 |
| | 1730 | 238 | 1008.3 | 980.4 | .. | 26.1 | 16.1 | 6.9 | 9.9 | 31 | .. | 3.3 | .. | 15.3 | 0 | 3 | 28 | 01 | 0 | 0 | 2 | 7 | 2 | 8 | 11 | 0 | 0 |
| Ludhiana | 0830 | 247 | 1011.2 | 982.5 | -1.0 | 17.0 | 13.5 | 10.2 | 12.4 | 67 | + 0 | 3.1 | +0.7 | 3.5 | 0 | 0 | 25 | 02 | 2 | 1 | 5 | 1 | 0 | 3 | 11 | 6 | 0 |
| | 1730 | 247 | 1007.8 | 980.1 | -1.4 | 27.5 | 17.7 | 10.1 | 12.4 | 35 | - 3 | 2.5 | -0.1 | 3.3 | 0 | 0 | 31 | 02 | 3 | 0 | 5 | 1 | 4 | 1 | 15 | 0 | 0 |
| Ferozepur | 0530 | 200 | 1011.9 | 985.4 | -0.1 | 16.5 | 12.5 | 10.7 | 12.9 | 71 | + 0 | 1.4 | -0.7 | 2.8 | 0 | 0 | 22 | 05 | 2 | 0 | 1 | 6 | 0 | 5 | 3 | 9 | 0 |
| | 1730 | 200 | 1008.6 | 986.4 | -0.5 | 26.8 | 17.3 | 9.6 | 11.9 | 35 | -10 | 1.0 | -1.6 | 5.0 | 0 | 0 | 30 | 06 | 2 | 0 | 1 | 5 | 1 | 3 | 12 | 1 | 0 |
| Halwara (Aerodrome) | 0830 | 202 | 1011.3 | 983.2 | .. | 16.7 | 13.4 | 10.5 | 12.7 | 69 | .. | 3.2 | .. | 5.9 | 0 | 0 | 22 | 02 | 0 | 1 | 3 | 4 | 1 | 3 | 8 | 9 | 0 |
| | 1730 | 202 | 1008.3 | 981.1 | .. | 25.9 | 16.6 | 8.6 | 11.2 | 35 | .. | 3.2 | .. | 13.8 | 0 | 3 | 28 | 01 | 0 | 1 | 3 | 5 | 2 | 9 | 10 | 0 | 0 |
| Chandigarh | 0830 | 347 | 1009.1 | 969.3 | -2.4 | 18.7 | 12.6 | 6.4 | 9.6 | 47 | - 5 | 2.1 | +0.6 | 2.0 | 0 | 0 | 20 | 00 | 2 | 0 | 10 | 0 | 0 | 0 | 8 | 11 | 0 |
| | 1730 | 347 | 1006.9 | 968.0 | -1.4 | 27.0 | 14.8 | 1.8 | 6.9 | 22 | -15 | 2.7 | +1.3 | 6.6 | 0 | 0 | 31 | 00 | 3 | 0 | 17 | 0 | 10 | 0 | 1 | 0 | 0 |
| Ambala | 0830 | | (P) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (P) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (P.B.O.) | 0230 | 278 | 1009.4 | 977.3 | .. | 18.6 | 14.5 | 11.6 | 13.7 | 65 | .. | 1.9 | .. | 7.4 | 0 | 1 | 22 | 02 | 0 | 1 | 3 | 0 | 0 | 0 | 17 | 8 | 0 |
| | 0530 | 278 | 1009.1 | 976.0 | .. | 17.1 | 13.6 | 11.0 | 13.1 | 70 | .. | 2.3 | .. | 7.4 | 0 | 1 | 22 | 01 | 1 | 0 | 3 | 1 | 0 | 0 | 17 | 8 | 0 |
| | 1130 | 278 | 1010.5 | 979.2 | .. | 25.6 | 18.2 | 13.6 | 15.7 | 48 | .. | 3.0 | .. | 8.6 | 0 | 1 | 27 | 01 | 0 | 0 | 4 | 1 | 3 | 1 | 18 | 3 | 0 |
| | 1430 | 278 | 1008.1 | 977.1 | .. | 28.5 | 18.9 | 13.2 | 15.2 | 41 | .. | 3.3 | .. | 10.0 | 0 | 1 | 29 | 01 | 0 | 0 | 7 | 2 | 2 | 5 | 13 | 1 | 0 |
| | 2030 | 278 | 1008.9 | 977.4 | .. | 23.9 | 16.8 | 12.8 | 14.8 | 54 | .. | 2.5 | .. | 9.6 | 0 | 3 | 23 | 00 | 1 | 2 | 2 | 0 | 3 | 5 | 13 | 5 | 0 |
| | 2330 | 278 | 1009.8 | 978.0 | .. | 20.6 | 15.4 | 11.9 | 13.9 | 59 | .. | 2.6 | .. | 7.7 | 0 | 1 | 23 | 00 | 2 | 0 | 3 | 1 | 1 | 9 | 8 | 7 | 0 |
| Amritsar (Aerodrome) | 0530 | 274 | 1009.5 | 977.4 | .. | 14.5 | 11.5 | 8.6 | 11.1 | 70 | .. | 1.8 | .. | 5.9 | 0 | 1 | 14 | 00 | 0 | 0 | 3 | 1 | 1 | 1 | 7 | 3 | 16 | 0 |
| | 0830 | 274 | 1010.7 | 979.0 | .. | 17.8 | 13.3 | 9.0 | 11.4 | 57 | .. | 2.3 | .. | 9.5 | 0 | 2 | 20 | 00 | 0 | 2 | 2 | 1 | 2 | 6 | 8 | 9 | 1 |
| | 1130 | 274 | 1010.4 | 979.5 | .. | 26.4 | 16.3 | 7.5 | 10.4 | 32 | .. | 2.9 | .. | 17.4 | 0 | 11 | 20 | 02 | 0 | 0 | 5 | 5 | 2 | 5 | 17 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI)(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome)(Contd.) | 1730 | 274 | 1007.4 | 976.7 | .. | 26.8 | 15.9 | 5.7 | 9.1 | 28 | .. | 3.2 | .. | 20.1 | 0 | 16 | 15 | 00 | 0 | 0 | 4 | 3 | 1 | 18 | 5 | 0 | 0 |
| | 2330 | 274 | 1010.2 | 978.4 | .. | 17.9 | 13.4 | 9.2 | 11.6 | 57 | .. | 2.3 | .. | 9.1 | 0 | 2 | 20 | 00 | 0 | 2 | 2 | 0 | 2 | 10 | 6 | 9 | 0 |
| Patiala | 0830 | 251 | 1011.1 | 982.4 | -0.3 | 20.1 | 14.4 | 9.4 | 11.8 | 51 | - 8 | 2.3 | -0.6 | 6.8 | 0 | 0 | 26 | 03 | 0 | 1 | 5 | 2 | 0 | 0 | 15 | 5 | 0 |
| | 1730 | 251 | 1008.3 | 980.2 | +0.0 | 27.0 | 16.6 | 7.6 | 10.4 | 31 | - 3 | 2.6 | -0.8 | 11.5 | 0 | 1 | 26 | 00 | 0 | 0 | 5 | 0 | 0 | 0 | 22 | 4 | 0 |
| Bhatinda | 0830 | 211 | 1011.3 | 987.0 | -1.3 | 20.8 | 16.7 | 13.9 | 15.9 | 62 | - 2 | 1.2 | -0.6 | 3.2 | 0 | 0 | 19 | 00 | 1 | 0 | 9 | 0 | 3 | 1 | 5 | 12 | 0 |
| | 1730 | 211 | 1007.3 | 983.5 | -1.8 | 27.2 | 20.0 | 14.5 | 16.5 | 48 | + 9 | 2.4 | +0.6 | 3.5 | 0 | 0 | 26 | 03 | 0 | 0 | 4 | 2 | 4 | 0 | 13 | 5 | 0 |
| Karnal | 0830 | 249 | 1011.5 | 982.2 | -0.6 | 20.1 | 13.8 | 8.1 | 10.8 | 48 | -16 | 0.8 | -1.5 | 2.9 | 0 | 0 | 30 | 01 | 0 | 1 | 0 | 0 | 5 | 1 | 22 | 1 | 0 |
| | 1730 | 249 | 1007.8 | 979.8 | -0.7 | 27.8 | 16.0 | 5.1 | 8.8 | 24 | - 9 | 1.0 | -1.7 | 3.4 | 0 | 0 | 27 | 00 | 0 | 1 | 1 | 0 | 6 | 0 | 19 | 4 | 0 |
| Hissar | 0530 | 221 | 1010.1 | 984.2 | .. | 15.9 | 13.2 | 10.8 | 12.5 | 73 | .. | 0.5 | .. | 3.7 | 0 | 1 | 23 | 01 | 0 | 0 | 1 | 5 | 9 | 2 | 6 | 7 | 0 |
| | 0830 | 221 | 1011.9 | 986.2 | -1.0 | 17.7 | 14.6 | 12.1 | 14.1 | 71 | +12 | 1.6 | +0.0 | 3.6 | 0 | 0 | 26 | 01 | 0 | 0 | 4 | 9 | 5 | 3 | 4 | 5 | 0 |
| | 1130 | 221 | 1011.5 | 986.6 | .. | 26.7 | 20.2 | 16.0 | 18.2 | 53 | .. | 1.9 | .. | 7.0 | 0 | 1 | 24 | 01 | 1 | 0 | 4 | 5 | 4 | 1 | 9 | 6 | 0 |
| | 1730 | 221 | 1007.8 | 983.1 | -1.3 | 29.1 | 21.6 | 17.0 | 19.4 | 49 | +17 | 2.4 | +0.5 | 7.2 | 0 | 0 | 30 | 04 | 0 | 0 | 2 | 3 | 3 | 7 | 11 | 1 | 0 |
| | 2330 | 221 | 1010.5 | 984.9 | .. | 19.7 | 15.9 | 12.9 | 14.9 | 66 | .. | 0.7 | .. | 3.2 | 0 | 0 | 21 | 02 | 3 | 0 | 4 | 1 | 3 | 3 | 5 | 10 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1009.9 | 984.8 | .. | 18.3 | 12.6 | 6.7 | 9.8 | 48 | .. | 0.9 | .. | 6.5 | 0 | 1 | 29 | 03 | 0 | 1 | 2 | 1 | 3 | 6 | 14 | 1 | 0 |
| | 0530 | 216 | 1010.0 | 984.8 | .. | 16.3 | 11.6 | 6.7 | 9.7 | 54 | .. | 0.9 | .. | 7.2 | 0 | 0 | 31 | 01 | 0 | 1 | 1 | 1 | 4 | 10 | 12 | 0 | 1 |
| | 0830 | 216 | 1011.6 | 986.6 | -0.3 | 18.8 | 12.4 | 5.7 | 9.1 | 44 | - 3 | 1.2 | -1.0 | 10.6 | 0 | 2 | 28 | 00 | 0 | 1 | 0 | 2 | 3 | 12 | 12 | 1 | 0 |
| | 1130 | 216 | 1011.4 | 987.0 | .. | 27.2 | 15.9 | 4.8 | 8.6 | 25 | .. | 2.1 | .. | 16.9 | 0 | 9 | 22 | 01 | 0 | 0 | 0 | 4 | 4 | 4 | 18 | 0 | 0 |
| | 1430 | 216 | 1008.7 | 984.6 | .. | 29.8 | 16.2 | 2.8 | 7.5 | 18 | .. | 2.5 | .. | 19.7 | 0 | 13 | 18 | 03 | 0 | 0 | 0 | 4 | 3 | 5 | 15 | 0 | 1 |
| | 1730 | 216 | 1007.5 | 983.5 | -0.4 | 29.5 | 15.8 | 1.3 | 6.7 | 17 | - 4 | 2.4 | -0.3 | 17.1 | 0 | 9 | 22 | 04 | 0 | 0 | 1 | 1 | 4 | 3 | 18 | 0 | 0 |
| | 2030 | 216 | 1009.4 | 984.7 | .. | 23.6 | 14.8 | 6.3 | 9.5 | 34 | .. | 1.4 | .. | 8.3 | 0 | 3 | 25 | 04 | 1 | 2 | 1 | 0 | 2 | 2 | 16 | 3 | 0 |
| | 2330 | 216 | 1010.4 | 985.5 | .. | 20.7 | 13.8 | 6.6 | 9.7 | 41 | .. | 1.2 | .. | 6.6 | 0 | 0 | 30 | 06 | 0 | 2 | 3 | 2 | 1 | 2 | 14 | 1 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1010.4 | 983.3 | .. | 17.0 | 12.4 | 8.0 | 10.7 | 57 | .. | 1.0 | .. | 4.0 | 0 | 0 | 18 | 00 | 0 | 1 | 1 | 2 | 6 | 4 | 4 | 13 | 0 |
| | 0530 | 233 | 1010.3 | 983.0 | .. | 14.5 | 10.9 | 7.3 | 10.2 | 62 | .. | 0.8 | .. | 5.0 | 0 | 0 | 26 | 00 | 1 | 1 | 2 | 4 | 14 | 2 | 2 | 5 | 0 |
| | 0830 | 233 | 1011.8 | 984.8 | .. | 18.5 | 13.0 | 7.7 | 10.5 | 51 | .. | 1.4 | .. | 9.0 | 0 | 0 | 28 | 00 | 0 | 0 | 2 | 3 | 11 | 8 | 4 | 3 | 0 |
| | 1130 | 233 | 1011.5 | 985.4 | .. | 27.3 | 17.4 | 9.0 | 11.5 | 34 | .. | 1.8 | .. | 17.0 | 0 | 0 | 31 | 01 | 0 | 1 | 2 | 3 | 11 | 13 | 0 | 0 | [illegible] |
| | 1430 | 233 | 1008.9 | 983.0 | .. | 30.0 | 18.6 | 8.0 | 10.7 | 28 | .. | 2.3 | .. | 17.0 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 4 | 3 | 8 | 13 | 1 | 0 |
| | 1730 | 233 | 1007.6 | 981.7 | .. | 29.6 | 18.5 | 8.4 | 11.0 | 30 | .. | 2.2 | .. | 17.1 | 0 | 1 | 30 | 00 | 4 | 0 | 1 | 0 | 4 | 6 | 16 | 0 | 0 |
| | 2030 | 233 | 1009.3 | 982.8 | .. | 23.3 | 15.7 | 9.0 | 11.5 | 41 | .. | 1.9 | .. | 5.0 | 0 | 0 | 22 | 03 | 2 | 2 | 2 | 0 | 1 | 3 | 9 | 9 | 0 |
| | 2330 | 233 | 1010.5 | 983.7 | .. | 20.1 | 14.1 | 8.6 | 11.2 | 48 | .. | 1.4 | .. | 5.1 | 0 | 0 | 17 | 01 | 3 | 2 | 2 | 0 | 2 | 1 | 6 | 14 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1013.0 | 926.3 | -1.0 | 12.9 | 10.2 | 7.7 | 10.5 | 73 | - 7 | 2.7 | -1.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 1005.9 | 922.7 | -1.4 | 24.2 | 14.2 | 5.5 | 9.0 | 32 | -11 | 3.2 | -0.9 | 0.5 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 29 | 0 |
| Bilaspur | 0830 | 587 | 1011.7 | 944.5 | -2.8 | 14.4 | 11.6 | 9.4 | 11.8 | 73 | - 3 | 1.7 | -1.8 | 0.5 | 0 | 0 | 6 | 00 | 0 | 3 | 1 | 2 | 0 | 0 | 0 | 25 | 0 |
| | 1730 | 587 | 1007.0 | 942.1 | -2.3 | 25.4 | 15.5 | 6.7 | 9.8 | 32 | - 6 | 2.2 | -2.3 | 2.0 | 0 | 0 | 20 | 00 | 1 | 0 | 2 | 4 | 3 | 6 | 4 | 11 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3101.7 | 664.6 | .. | - 6.1 | - 8.5 | -14.3 | 1.8 | 49 | .. | 3.9 | .. | 5.5 | 0 | 0 | 24 | 05 | 11 | 2 | 0 | 0 | 5 | 1 | 0 | 7 | [illegible] |
| | 0830 | 3514 | 3103.2 | 665.3 | -0.2 | - 1.5 | - 4.6 | - 9.7 | 2.6 | 49 | - 6 | 3.4 | -1.1 | 3.8 | 0 | 0 | 21 | 00 | 0 | 2 | 0 | 12 | 7 | 0 | 0 | 10 | [illegible] |
| | 1730 | 3514 | .. | .. | .. | 5.9 | 2.5 | - 1.5 | 5.4 | 62 | +19 | 5.1 | +0.0 | 6.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 24 | 0 | [illegible] | 0 | [illegible] |
| Srinagar | 0830 | 1587 | 1513.0 | 843.3 | -0.1 | 5.7 | 4.7 | 3.6 | 7.9 | 86 | + 2 | 5.7 | +0.4 | 4.1 | 0 | 0 | 25 | 01 | 1 | 2 | 11 | 1 | 0 | 3 | 6 | 6 | [illegible] |
| | 1130 | 1587 | 1516.0 | 843.0 | .. | 9.6 | 6.8 | 3.9 | 8.0 | 69 | .. | 5.2 | .. | 4.5 | 0 | 0 | 29 | 00 | 3 | 0 | 12 | 0 | 3 | 1 | 10 | 2 | [illegible] |
| | 1430 | 1587 | 1500.8 | 841.4 | .. | 11.7 | 7.5 | 3.1 | 7.6 | 58 | .. | 5.3 | .. | 5.6 | 0 | 0 | 29 | 01 | 2 | 2 | 7 | 2 | 0 | 3 | 12 | 2 | [illegible] |
| | 1730 | 1587 | 1490.7 | 840.4 | -0.8 | 11.7 | 7.2 | 2.3 | 7.2 | 55 | - 5 | 4.9 | -0.6 | 7.0 | 0 | 1 | 29 | 00 | 4 | 3 | 5 | 1 | 0 | 3 | 14 | 1 | [illegible] |
| | 2030 | 1587 | 1498.4 | 841.2 | .. | 9.0 | 6.5 | 3.9 | 8.0 | 71 | .. | 5.4 | .. | 4.4 | 0 | 1 | 23 | 03 | 0 | 4 | 4 | 3 | 0 | 2 | 8 | 7 | [illegible] |
| Srinagar (Aerodrome) | 0530 | 1666 | 1499.0 | 833.3 | .. | 4.5 | 3.7 | 2.8 | 7.4 | 89 | .. | 4.3 | .. | 2.9 | 0 | 1 | 10 | 00 | 0 | 3 | 1 | 0 | 2 | 5 | 0 | 20 | [illegible] |
| | 0830 | 1666 | 1508.5 | 834.3 | .. | 5.6 | 4.5 | 3.3 | 7.7 | 86 | .. | 5.7 | .. | 4.3 | 0 | 0 | 20 | 00 | 1 | 6 | 3 | 1 | 3 | 5 | 1 | 11 | [illegible] |
| | 1130 | 1666 | 1514.0 | 835.0 | .. | 9.1 | 7.1 | 5.1 | 8.8 | 77 | .. | 5.2 | .. | 7.2 | 0 | 0 | 25 | 01 | 0 | 3 | 0 | 0 | 1 | 10 | 10 | 6 | [illegible] |
| | 1730 | 1666 | 1487.9 | 832.6 | .. | 11.3 | 8.4 | 5.6 | 9.1 | 70 | .. | 5.0 | .. | 8.4 | 0 | 1 | 20 | 00 | 0 | 1 | 1 | 0 | 3 | 11 | 5 | 10 | [illegible] |
| | 2330 | 1666 | 1502.3 | 834.0 | .. | 6.6 | 5.4 | 4.1 | 8.2 | 84 | .. | 3.8 | .. | 3.6 | 0 | 1 | 14 | 01 | 0 | 2 | 0 | 0 | 2 | 7 | 3 | 16 | [illegible] |
| Gulmarg | 0830 | 2655 | * | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | * | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 5.7 | 4.2 | 2.6 | 7.4 | 81 | .. | 6.1 | .. | 1.8 | 0 | 1 | 5 | 01 | 0 | 0 | 3 | 0 | 1 | 1 | 0 | 25 | [illegible] |
| | 1730 | 1690 | .. | .. | .. | 11.9 | 7.5 | 3.0 | 7.6 | 57 | .. | 5.4 | .. | 3.9 | 0 | 1 | 21 | 00 | 1 | 3 | 4 | 1 | 7 | 5 | 1 | 9 | [illegible] |
| Banihal | 0830 | | .. | .. | .. | 8.5 | 5.5 | 2.0 | 7.1 | 66 | .. | 4.8 | .. | 8.2 | 0 | 3 | 12 | 00 | [illegible] | 0 | 0 | 2 | 1 | [illegible] | 12 | 16 | [illegible] |
| | 1730 | | .. | .. | .. | 13.1 | 7.9 | 1.9 | 7.0 | 48 | .. | 5.3 | .. | 7.7 | 0 | 0 | 21 | 00 | 8 | 0 | 1 | 2 | 1 | 0 | 17 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Kn. per hour | Wind Speed (Kn. p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 0830 | 366 | .. | .. | .. | 18.3 | 13.1 | 8.1 | 10.8 | 55 | + 0 | 4.6 | +1.3 | 9.6 | 0 | 3 | 27 | 05 | 17 | 1 | 5 | 1 | . | | | 1 | 0 |
| | 1730 | 366 | .. | .. | .. | 24.6 | 17.0 | 10.9 | 13.0 | 44 | .. | 3.3 | .. | 9.4 | 0 | 1 | 27 | 03 | 5 | 1 | 1 | 3 | 5 | . | - | 3 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 1009.7 | 975.6 | .. | 16.2 | 12.1 | 7.7 | 10.5 | 60 | .. | 2.8 | .. | 10.3 | 0 | 1 | 22 | 00 | 16 | 1 | 3 | 3 | 0 | 0 | 0 | 8 | 0 |
| | 0830 | 292 | 1010.7 | 976.8 | .. | 17.9 | 12.9 | 7.8 | 10.6 | 55 | .. | 4.3 | .. | 10.6 | 0 | 5 | 19 | 01 | 9 | 8 | 4 | 2 | 0 | 0 | 0 | 7 | 0 |
| | 1130 | 292 | 1011.2 | 977.7 | .. | 23.1 | 15.2 | 8.4 | 11.0 | 40 | .. | 4.1 | .. | 8.3 | 0 | 3 | 22 | 01 | 3 | 1 | 3 | 11 | 1 | 4 | 1 | 6 | 0 |
| | 1730 | 292 | 1008.1 | 975.0 | .. | 24.9 | 15.6 | 7.4 | 10.3 | 35 | .. | 3.8 | .. | 9.6 | 0 | 2 | 23 | 00 | 0 | 3 | 4 | 1 | 0 | 14 | 3 | 6 | 0 |
| | 2330 | 292 | 1010.5 | 976.6 | .. | 18.6 | 13.8 | 9.5 | 11.8 | 58 | .. | 3.1 | .. | 6.5 | 0 | 0 | 18 | 00 | 7 | 5 | 3 | 1 | 1 | 1 | 0 | 13 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1009.6 | 988.8 | .. | 15.5 | 11.8 | 7.9 | 10.7 | 63 | .. | 0.6 | .. | 1.2 | 0 | 0 | 8 | 00 | 1 | 2 | 2 | 2 | 1 | 0 | 0 | 23 | 0 |
| | 0830 | 177 | 1011.0 | 990.4 | -1.0 | 17.4 | 12.7 | 8.0 | 10.7 | 55 | - 8 | 1.0 | -0.7 | 1.7 | 0 | 0 | 10 | 00 | 1 | 2 | 3 | 3 | 1 | 0 | 0 | 21 | 0 |
| | 1130 | 177 | 1011.1 | 991.0 | .. | 26.1 | 15.6 | 5.3 | 8.9 | 28 | .. | 1.1 | .. | 4.4 | 0 | 2 | 14 | 00 | 1 | 0 | 6 | 2 | 4 | 1 | 1 | 15 | 1 |
| | 1730 | 177 | 1007.5 | 987.8 | -1.1 | 29.0 | 16.0 | 2.7 | 7.4 | 20 | -11 | 1.3 | -0.5 | 3.7 | 0 | 2 | 14 | 03 | 1 | 0 | 1 | 1 | 7 | 1 | 2 | 15 | 0 |
| | 2330 | 177 | 1010.3 | 989.8 | .. | 19.9 | 13.9 | 8.1 | 10.8 | 50 | .. | 0.6 | .. | 0.8 | 0 | 0 | 4 | 00 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 27 | 0 |
| Anupgarh | 0830 | 154 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 154 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahajan | 0830 | 137 | 1010.5 | 988.7 | .. | 19.7 | 15.9 | 12.8 | 14.8 | 66 | .. | 0.4 | .. | 5.3 | 0[d] | 0 | 25 | 01 | 2 | 1 | 8 | 4 | 8 | 0 | 1 | 2 | 0 |
| | 1730 | 137 | 1006.7 | 985.7 | .. | 29.3 | 22.2 | 17.8 | 20.4 | 54 | .. | 0.0 | .. | 8.0 | 0[d] | 2 | 25 | 03 | 1 | 2 | 1 | 3 | 10 | 4 | 3 | 0 | 0 |
| Churu | 0830 | 291 | 1008.1 | 974.8 | -4.3 | 18.1 | 10.8 | 2.1 | 7.6 | 36 | -21 | 1.4 | -0.8 | 6.0 | 0 | 2 | 19 | 00 | 0 | 1 | 2 | 5 | 9 | 3 | 1 | 10 | 0 |
| | 1730 | 291 | 1003.4 | 971.3 | -4.8 | 29.8 | 14.7 | - 5.2 | 3.6 | 13 | -16 | 1.8 | -1.0 | 12.0 | 0 | 3 | 28 | 09 | 1 | 0 | 8 | 0 | 5 | 9 | 7 | 0 | 0 |
| Bikaner | 0830 | 224 | 1011.8 | 985.7 | -0.4 | 18.3 | 13.3 | 8.0 | 10.7 | 53 | + 9 | 0.7 | -0.6 | 4.6 | 0 | 0 | 19 | 00 | 1 | 3 | 1 | 8 | 5 | 1 | 0 | 12 | 0 |
| | 1730 | 224 | 1008.0 | 983.1 | -0.1 | 30.4 | 20.2 | 11.9 | 13.9 | 37 | +14 | 1.1 | -0.4 | 7.6 | 0 | 4 | 19 | 05 | 2 | 0 | 0 | 3 | 5 | 4 | 4 | 8 | 0 |
| Bikaner P.B.O. | 0530 | | 1010.2 | 984.5 | .. | 15.9 | 10.1 | 2.6 | 7.4 | 44 | .. | 1.1 | .. | 2.7 | 0 | 0 | 12 | 00 | 1 | 0 | 1 | 3 | 6 | 1 | 0 | 19 | 0 |
| | 1130 | | 1011.8 | 986.6 | .. | 27.8 | 15.0 | 0.8 | 6.5 | 19 | .. | 1.5 | .. | 6.5 | 0 | 1 | 23 | 00 | 2 | 1 | 2 | 7 | 4 | 8 | 0 | 7 | 0 |
| | 2330 | | 1010.5 | 984.7 | .. | 20.7 | 12.6 | 3.1 | 7.6 | 34 | .. | 1.1 | .. | 2.8 | 0 | 1 | 7 | 00 | 1 | 0 | 0 | 1 | 4 | 0 | 2 | 23 | 0 |
| Nagaur | 0830 | 298 | 1011.8 | 977.9 | -0.2 | 22.3 | 14.9 | 6.9 | 9.9 | 39 | + 2 | 1.2 | -0.6 | 7.0 | 0 | 0 | 30 | 01 | 2 | 5 | 3 | 6 | 8 | 2 | 2 | 1 | 0 |
| | 1730 | 298 | 1007.6 | 974.7 | +0.0 | 30.1 | 20.6 | 13.8 | 15.7 | 41 | +17 | 1.5 | -0.8 | 8.0 | 0 | 1 | 29 | 03 | 2 | 1 | 0 | 4 | 6 | 7 | 7 | 1 | 0 |
| Phalodi | 0830 | 234 | 1011.7 | 984.5 | -0.9 | 18.6 | 12.0 | 4.4 | 8.4 | 41 | -11 | 1.3 | -0.6 | 8.9 | 0 | 3 | 27 | 01 | 0 | 2 | 7 | 9 | 10 | 1 | 0 | 1 | 0 |
| | 1730 | 234 | 1009.3 | 983.0 | -0.1 | 30.8 | 17.6 | 5.4 | 9.0 | 22 | -10 | 1.1 | -1.0 | 15.6 | 0 | 8 | 23 | 02 | 2 | 0 | 1 | 4 | 15 | 3 | 4 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1010.9 | 983.0 | -0.6 | 18.9 | 12.2 | 6.7 | 9.8 | 41 | -15 | 1.4 | -0.1 | 9.6 | 0 | 2 | 25 | 01 | 1 | 3 | 3 | 10 | 8 | 1 | 0 | 4 | 0 |
| | 1730 | 242 | 1006.8 | 980.1 | -0.4 | 30.9 | 21.3 | 15.4 | 17.5 | 40 | + 3 | 1.4 | -0.7 | 12.0 | 0 | 5 | 25 | 05 | 2 | 1 | 0 | 10 | 7 | 4 | 1 | 1 | 0 |
| Jodhpur | 0230 | 224 | 1010.4 | 984.8 | .. | 22.7 | 17.3 | - 1.5 | 5.4 | 22 | .. | 0.9 | .. | 10.8 | 0 | 0 | 31 | 03 | 11 | 0 | 0 | 1 | 8 | 7 | 1 | 0 | 0 |
| | 0530 | 224 | 1010.5 | 984.6 | .. | 20.1 | 11.5 | - 0.1 | 6.1 | 28 | .. | 0.6 | .. | 10.7 | 0 | 1 | 29 | 05 | 10 | 0 | 0 | 1 | 11 | 3 | 0 | 1 | 0 |
| | 0830 | 224 | 1012.5 | 986.6 | +0.0 | 19.5 | 10.9 | - 0.1 | 5.6 | 28 | - 7 | 1.5 | -0.3 | 9.4 | 0 | 1 | 28 | 01 | 13 | 0 | 1 | 5 | 7 | 2 | 0 | 2 | 0 |
| | 1130 | 224 | 1012.3 | 987.0 | .. | 27.7 | 14.8 | - 0.2 | 6.0 | 19 | .. | 1.6 | .. | 15.8 | 0 | 5 | 26 | 00 | 5 | 5 | 4 | 2 | 9 | 3 | 3 | 0 | 0 |
| | 1430 | 224 | 1009.6 | 984.6 | .. | 30.7 | 15.8 | - 1.3 | 5.5 | 14 | .. | 1.9 | .. | 17.9 | 0 | 11 | 20 | 02 | 7 | 1 | 1 | 1 | 9 | 7 | 3 | 0 | 0 |
| | 1730 | 224 | 1008.1 | 983.3 | +0.0 | 31.9 | 15.5 | - 5.5 | 3.9 | 9 | - 8 | 1.7 | -0.6 | 15.6 | 0 | 9 | 21 | 04 | 5 | 1 | 0 | 1 | 10 | 4 | 5 | 1 | 0 |
| | 2030 | 224 | 1009.3 | 984.3 | .. | 27.6 | 13.9 | - 4.0 | 4.4 | 14 | .. | 1.5 | .. | 11.4 | 0 | 2 | 29 | 05 | 7 | 0 | 0 | 1 | 8 | 7 | 3 | 0 | 0 |
| | 2330 | 224 | 1010.5 | 985.2 | .. | 25.2 | 13.4 | - 0.1 | 5.1 | 18 | .. | 0.9 | .. | 11.0 | 0 | 1 | 29 | 02 | 9 | 0 | 0 | 3 | 8 | 7 | 1 | 1 | 0 |
| Barmer | 0530 | 194 | 1009.3 | 986.9 | .. | 19.8 | 13.1 | 6.5 | 9.7 | 42 | .. | 0.4 | .. | 7.0 | 0 | 0 | 28 | 01 | 0 | 0 | 1 | 0 | 7 | 5 | 14 | 3 | 0 |
| | 0830 | 194 | 1011.1 | 988.7 | -0.6 | 20.4 | 13.9 | 7.7 | 10.5 | 44 | - 3 | 1.3 | -0.3 | 4.3 | 0 | 0 | 23 | 01 | 0 | 0 | 0 | 0 | 8 | 3 | 11 | 8 | 0 |
| | 1130 | 194 | 1011.3 | 989.5 | .. | 28.9 | 18.7 | 11.1 | 13.2 | 34 | .. | 1.5 | .. | 6.6 | 0 | 0 | 31 | 02 | 7 | 1 | 6 | 2 | 7 | 4 | 2 | 0 | 0 |
| | 1730 | 194 | 1007.2 | 985.7 | -0.6 | 32.1 | 20.1 | 11.5 | 13.6 | 29 | + 3 | 1.5 | -0.6 | 6.9 | 0 | 0 | 26 | 02 | 5 | 2 | 0 | 1 | 11 | 3 | 2 | 5 | 0 |
| | 2330 | 194 | 1009.8 | 987.8 | .. | 24.8 | 16.3 | 9.1 | 11.5 | 37 | .. | 0.7 | .. | 5.5 | 0 | 0 | 25 | 03 | 1 | 0 | 0 | 1 | 11 | 3 | 6 | 6 | 0 |
| Erinpura (Jawai Dam) | 0830 | 295 | 1012.6 | 978.4 | -0.3 | 20.4 | 16.1 | 12.8 | 14.8 | 62 | + 8 | 0.4 | -1.4 | 2.6 | 0 | 0 | 17 | 00 | 0 | 0 | 2 | 5 | 9 | 1 | 0 | 14 | 0 |
| | 1730 | 295 | 1008.6 | 975.5 | +0.1 | 29.8 | 23.1 | 19.4 | 22.5 | 54 | +16 | 0.7 | -2.0 | 4.3 | 0 | 0 | 29 | 04 | 2 | 1 | 0 | 3 | 10 | 7 | 2 | 2 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1012.6 | 977.8 | -0.8 | 18.2 | 11.4 | 3.3 | 7.7 | 39 | - 6 | 1.3 | +0.0 | 9.3 | 0 | 5 | 24 | 00 | 1 | 0 | 2 | 6 | 14 | 0 | 1 | 1 | 0 |
| | 1730 | 301 | 1008.4 | 975.0 | -0.2 | 29.3 | 15.7 | 0.9 | 6.5 | 18 | - 4 | 1.7 | +0.0 | 15.3 | 0 | 8 | 23 | 05 | 1 | 1 | 0 | 0 | 6 | 7 | 11 | 0 | 0 |
| Sikar | 0830 | 433 | 1012.0 | 962.8 | -0.1 | 20.0 | 12.8 | 4.3 | 8.3 | 38 | -18 | 0.4 | -1.5 | 1.0 | 0 | 0 | 13 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 18 | 0 |
| | 1730 | 433 | 1008.3 | 960.7 | +0.4 | 29.6 | 16.0 | 1.1 | 6.6 | 19 | -24 | 0.8 | -1.9 | 1.5 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 0 | 12 | 4 | 15 | 0 |
| Alwar | 0830 | 271 | 1011.3 | 980.2 | -0.7 | 21.4 | 15.8 | 11.3 | 13.4 | 54 | - 8 | 1.2 | -1.1 | 0.9 | 0 | 0 | 9 | 01 | 1 | 1 | 0 | 0 | 0 | 3 | 2 | 22 | 1 |
| | 1730 | 271 | 1007.8 | 977.8 | -0.3 | 30.5 | 21.9 | 16.5 | 18.8 | 45 | + 8 | 1.8 | -1.4 | 1.3 | 0 | 0 | 18 | 03 | 3 | 0 | 0 | 0 | 5 | 3 | 4 | 15 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1010.4 | 965.5 | .. | 17.3 | 10.4 | 1.9 | 7.0 | 34 | .. | 0.5 | .. | 3.7 | 0 | 0 | 20 | 07 | 3 | 1 | 1 | 0 | 0 | 2 | 6 | 11 | 0 |
| | 0530 | 390 | 1010.7 | 965.3 | .. | 15.9 | 9.8 | 2.3 | 7.2 | 42 | .. | 0.5 | .. | 2.1 | 0 | 0 | 14 | 05 | 2 | 1 | 0 | 0 | 0 | 2 | 4 | 17 | 0 |
| | 0830 | 390 | 1011.8 | 967.3 | -0.6 | 20.0 | 12.3 | 3.9 | 8.1 | 36 | - 2 | 0.8 | -0.8 | 2.7 | 0 | 0 | 16 | 02 | 1 | 2 | 1 | 0 | 1 | 3 | 6 | 15 | 0 |
| | 1130 | 390 | 1011.0 | 967.7 | .. | 28.1 | 15.0 | 0.3 | 6.2 | 17 | .. | 1.4 | .. | 11.0 | 0 | 4 | 23 | 01 | 1 | 1 | 0 | 1 | 5 | 7 | 11 | 5 | 0 |
| | 1430 | 390 | 1007.9 | 965.1 | .. | 30.8 | 15.7 | - 1.3 | 5.5 | 13 | .. | 1.3 | .. | 14.0 | 0 | 7 | 22 | 02 | 0 | 0 | 0 | 0 | 5 | 0 | 13 | 2 | 0 |
| | 1730 | 390 | 1006.9 | 964.0 | -0.9 | 30.1 | 15.4 | - 1.4 | 5.4 | 14 | - 8 | 1.6 | -0.6 | 6.1 | 0 | 3 | 25 | 03 | 0 | 0 | 0 | 0 | 5 | 6 | 14 | 3 | 0 |
| | 2030 | 390 | 1009.2 | 965.3 | .. | 23.2 | 13.3 | 7.2 | 7.2 | 26 | .. | 0.8 | .. | 3.0 | 0 | 0 | 17 | 09 | 1 | 0 | 0 | 0 | 0 | 4 | 3 | 10 | 0 |
| | 2330 | 390 | 1010.6 | 966.1 | .. | 19.9 | 11.7 | 1.9 | 7.0 | 31 | .. | 0.6 | .. | 3.3 | 0 | 0 | 19 | 09 | 3 | 0 | 0 | 0 | 0 | 2 | 5 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bharatpur | 0830 | 176 | 1012.0 | 991.6 | +0.1 | 21.3 | 12.7 | 3.1 | 7.6 | 31 | -28 | 0.6 | -1.6 | 1.0 | 0 | 0 | 10 | 01 | 0 | 0 | 0 | 1 | 2 | 3 | 3 | 21 | 0 |
| | 1730 | 176 | 1007.2 | 987.8 | -0.2 | 31.4 | 16.1 | - 0.2 | 6.0 | 10 | -26 | 0.5 | -2.3 | 2.0 | 0 | 0 | 18 | 02 | 0 | 0 | 0 | 0 | 5 | 6 | 5 | 13 | 0 |
| Ajmer | 0830 | 486 | 1012.3 | 957.3 | -0.4 | 20.2 | 11.4 | 1.5 | 6.8 | 31 | - 9 | 1.6 | +0.0 | 7.7 | 0 | 3 | 22 | 00 | 3 | 1 | 1 | 0 | 10 | 8 | 2 | 6 | 0 |
| | 1730 | 486 | 1007.2 | 954.1 | -0.5 | 30.0 | 14.3 | - 3.3 | 4.6 | 12 | - 8 | 1.7 | -0.5 | 11.0 | 0 | 7 | 24 | 03 | 3 | 0 | 1 | 2 | 8 | 9 | 4 | 0 | 0 |
| Tonk | 0830 | 272 | 1011.4 | 980.3 | -0.2 | 20.3 | 14.1 | 8.3 | 10.9 | 46 | - 1 | 1.0 | -1.1 | 7.1 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 3 | 2 | 11 | 13 | 0 | 0 |
| | 1730 | 272 | 1006.0 | 976.1 | -0.6 | 31.4 | 20.9 | 14.0 | 16.0 | 35 | + 7 | 1.0 | -1.5 | 7.9 | 0 | 0 | 31 | 01 | [illegible] | 1 | 0 | 0 | 4 | 14 | 0 | 0 | 0 |
| Bhilwara | 0830 | [illegible] | 1012.3 | 964.1 | .. | 19.9 | 10.9 | - 1.1 | 5.6 | 26 | .. | 1.3 | .. | 5.7 | 0 | 0 | 27 | 02 | 6 | 0 | 0 | 1 | 14 | 1 | [illegible] | 4 | 0 |
| | 1730 | 425 | 1007.4 | 963.0 | .. | 30.9 | 15.1 | - 5.9 | 3.7 | 10 | .. | 0.7 | .. | 7.7 | 0 | 0 | 28 | 04 | 7 | 2 | 0 | 1 | 9 | 1 | 4 | [illegible] | 0 |
| Kota | 0830 | 257 | 1012.3 | 982.0 | -0.7 | 22.9 | 13.5 | 3.5 | 7.8 | 29 | - 5 | 1.0 | -0.4 | 4.0 | 0 | 1 | 16 | 02 | 2 | 0 | 1 | 0 | 2 | 3 | 7 | 11 | 0 |
| | 1730 | 257 | 1007.1 | 979.0 | -0.3 | 32.1 | 16.7 | 0.9 | 6.5 | 14 | - 4 | 1.8 | -0.2 | 7.6 | 0 | 4 | 22 | 04 | 5 | 3 | 0 | 0 | 4 | 1 | 9 | 3 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1012.[illegible] | 979.9 | .. | 18.9 | 10.3 | - 1.9 | 5.2 | 24 | .. | 1.1 | .. | 7.7 | 0 | 2 | 23 | 02 | 0 | 0 | 0 | 1 | 3 | 17 | 2 | 6 | 0 |
| | 0830 | 274 | 1012.[illegible] | 980.[illegible] | [illegible] | 23.2 | 12.6 | - 0.6 | 5.8 | 23 | .. | 1.5 | .. | [illegible] | 0 | 3 | 21 | 01 | 2 | 3 | 0 | 1 | 2 | 15 | 0 | 7 | 0 |
| | 1130 | 274 | 1011.9 | 981.3 | [illegible] | 29.4 | 15.1 | - 1.8 | 5.3 | 15 | .. | 1.6 | .. | 9.9 | 0 | 4 | 24 | 02 | 3 | 7 | 0 | 1 | 1 | 10 | 4 | 3 | 0 |
| | 1730 | 274 | 1007.3 | 977.6 | [illegible] | 34.9 | 15.8 | - 4.1 | 4.3 | 10 | .. | 2.0 | .. | 10.7 | 0 | 5 | 22 | 03 | 4 | 3 | 0 | 1 | 0 | 14 | 3 | 1 | 0 |
| | 2330 | 274 | 1010.6 | 979.4 | .. | 23.8 | 12.6 | - 1.9 | 5.2 | 19 | .. | 0.9 | .. | 9.2 | 0 | 3 | 26 | 01 | 2 | 5 | 0 | 1 | 10 | 9 | 1 | 2 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1012.[illegible] | 921.4 | -0.5 | 21.0 | 12.2 | 1.7 | 6.9 | 29 | -13 | 0.5 | -1.0 | 1.9 | 0 | 0 | 30 | 00 | 4 | 0 | 1 | 0 | 3 | 0 | 2 | 21 | 0 |
| | 1730 | 351 | 1007.2 | 948.4 | -0.4 | 31.5 | 17.0 | 2.8 | 7.5 | 17 | -11 | 0.8 | -1.5 | 10.5 | 0 | 4 | 22 | 00 | 6 | 1 | 0 | 1 | 17 | 0 | 6 | [illegible] | 0 |
| Udaipur | 0230 | 583 | 1011.6 | 945.4 | .. | 16.6 | 10.6 | 4.4 | 8.4 | 45 | .. | 0.3 | .. | 0.6 | 0 | 4 | [illegible] | 00 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 27 | 0 |
| | 0530 | 583 | 1011.1 | 945.2 | .. | 15.2 | 9.8 | 3.9 | 8.1 | 48 | .. | 0.6 | .. | 1.3 | 0 | 0 | 7 | 00 | 2 | 0 | 0 | 0 | 4 | 1 | 0 | 24 | 0 |
| | 0830 | 583 | 1012.6 | 947.1 | -0.3 | 20.6 | 12.1 | 3.8 | 8.0 | 35 | - 8 | 0.8 | -0.7 | 1.4 | 0 | 0 | 6 | 01 | 1 | 0 | 0 | 1 | 2 | 0 | 1 | 26 | 0 |
| | 1130 | 583 | 1011.3 | 942.5 | .. | 28.1 | 15.0 | 2.6 | 7.4 | 20 | .. | 1.1 | .. | 7.0 | 0 | 0 | 28 | 01 | 9 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 0 |
| | 1730 | 583 | 1007.3 | 944.1 | -0.7 | 29.9 | 15.8 | 2.9 | 7.5 | 19 | - 5 | 1.6 | -0.8 | 5.9 | 0 | 0 | 27 | 02 | 6 | 5 | 1 | 1 | 6 | 3 | 3 | 4 | 0 |
| | 2330 | 583 | 1011.8 | 946.7 | .. | 18.2 | 11.9 | 4.9 | 8.7 | 39 | .. | 0.8 | .. | 1.7 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 0 | 4 | 2 | 1 | 24 | 0 |
| Jhalawar | 0830 | 321 | 1011.9 | 975.4 | -0.3 | 22.6 | 12.2 | - 0.9 | 5.7 | 22 | -14 | 1.3 | +0.2 | 2.0 | 0 | 0 | 12 | 03 | 2 | 2 | 1 | 0 | 1 | 1 | 2 | 19 | 0 |
| | 1730 | 321 | 1007.0 | 971.7 | -0.1 | 32.4 | 15.9 | - 4.3 | 4.3 | 10 | - 8 | 1.3 | +0.4 | 4.0 | 0 | 0 | 24 | 08 | 3 | 0 | 0 | 0 | 3 | 4 | 6 | 7 | 0 |
| Banswara | 0830 | 220 | 1008.7 | 983.5 | .. | 21.7 | 15.9 | 11.6 | 13.6 | 53 | .. | 0.4 | .. | 8.2 | 0 | 1 | 30 | 02 | 2 | 12 | 9 | 3 | 3 | 0 | 0 | 0 | 0 |
| | 1730 | 230 | 1003.9 | 979.7 | .. | 35.7 | 20.5 | 11.8 | 13.8 | 26 | .. | 0.7 | .. | 10.1 | 0 | 0 | 31 | 05 | 2 | 2 | 1 | 0 | 5 | 8 | 8 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1009.9 | [illegible] | .. | 18.7 | 10.5 | - 0.3 | 6.1 | 30 | .. | 0.8 | .. | 4.0 | 0 | 1 | 18 | 01 | 0 | 1 | 2 | 6 | 1 | 5 | 3 | 12 | 0 |
| | 0530 | 207 | 1010.2 | [illegible] | .. | 17.3 | 9.7 | - 0.4 | 6.0 | 33 | .. | 1.2 | .. | 3.5 | 0 | 0 | 15 | 01 | 1 | 0 | 3 | 1 | 2 | 2 | 5 | 16 | 0 |
| | 0830 | 207 | 1012.0 | [illegible] | [illegible] | 22.5 | 12.7 | 1.0 | 6.8 | 25 | - 9 | 1.2 | -0.5 | 3.5 | 0 | 0 | 16 | 02 | 1 | 0 | 0 | 2 | 3 | 2 | 6 | 15 | 0 |
| | 1130 | 207 | 1011.6 | [illegible] | .. | 29.5 | 15.0 | - 2.3 | 5.3 | 14 | .. | 0.9 | .. | 8.8 | 0 | 0 | 30 | 08 | 1 | 0 | 2 | 2 | 2 | 5 | 10 | 1 | 0 |
| | 1430 | 207 | 1008.5 | [illegible] | .. | 32.2 | 15.4 | - 3.2 | 3.7 | 9 | .. | 1.5 | .. | 12.3 | 0 | 5 | 26 | 04 | 1 | 0 | 1 | 3 | 1 | 8 | 13 | 0 | 0 |
| | 1730 | 207 | 1007.4 | [illegible] | -0.3 | 31.6 | 15.4 | - 5.4 | 4.2 | 6 | -10 | 1.3 | -1.0 | 9.4 | 0 | 2 | 29 | 05 | 2 | 0 | 0 | 2 | 3 | 3 | 16 | 0 | 0 |
| | [illegible] | 207 | 1009.4 | [illegible] | .. | 24.1 | 13.3 | 0.4 | 6.6 | 22 | .. | 1.0 | .. | 1.5 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 3 | 4 | 2 | 21 | 0 |
| | [illegible] | 207 | 1010.3 | [illegible] | .. | 20.9 | 11.4 | - 0.7 | 5.8 | 25 | .. | 1.4 | .. | 3.5 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 3 | 3 | 3 | 5 | 17 | 0 |
| Sheopur | [illegible] | [illegible] | 1012.6 | [illegible] | +0.4 | 21.3 | 12.5 | 2.6 | 7.4 | 30 | -12 | 1.5 | -0.4 | 4.9 | 0 | 0 | 28 | 05 | 1 | 3 | 1 | 15 | 3 | 0 | 0 | 3 | 0 |
| Shivpuri | [illegible] | [illegible] | 1007.1 | [illegible] | [illegible] | 32.3 | 16.5 | - 0.7 | 6.8 | 13 | - 5 | 1.5 | +1.3 | 12.1 | 0 | 4 | 26 | 12 | 1 | 0 | 0 | 1 | 6 | 7 | 3 | 1 | 0 |
| | [illegible] | [illegible] | 1011.0 | [illegible] | .. | 22.2 | 11.5 | - 0.6 | 5.8 | 24 | .. | 1.2 | .. | 5.4 | 0 | 0 | 22 | 02 | 2 | 2 | 2 | 2 | 2 | 7 | 1 | 9 | 2 |
| Nowgong | [illegible] | [illegible] | 1007.0 | [illegible] | .. | 30.5 | 14.0 | - 6.5 | 3.5 | 9 | .. | 1.5 | .. | 9.8 | 0 | 1 | 29 | 02 | 2 | 2 | 0 | 0 | 4 | 8 | 12 | 1 | 0 |
| | [illegible] | [illegible] | 1012.1 | [illegible] | [illegible] | 19.9 | 11.2 | - 2.2 | 7.2 | 35 | -13 | 1.0 | -0.6 | 2.7 | 0 | 0 | 18 | 00 | 4 | [illegible] | 0 | 2 | 10 | 1 | 1 | 13 | 0 |
| Guna | [illegible] | [illegible] | 1007.1 | [illegible] | [illegible] | 32.1 | 14.3 | - 1.5 | 5.7 | 12 | -10 | 1.4 | -0.6 | 2.5 | 0 | 0 | 24 | 01 | 1 | [illegible] | 0 | 0 | 2 | 3 | 17 | 7 | 0 |
| | [illegible] | 476 | 1010.5 | [illegible] | .. | 19.8 | 9.0 | 1.9 | 7.0 | 43 | .. | 0.8 | .. | 4.1 | 0 | 1 | 19 | 02 | 0 | 0 | 11 | 2 | 1 | 1 | 3 | 11 | 0 |
| | [illegible] | 476 | 1012.2 | [illegible] | [illegible] | 22.4 | 12.8 | 3.9 | 7.9 | [illegible] | -11 | 1.0 | -0.3 | 4.3 | 0 | 1 | 28 | 03 | 1 | 9 | 3 | 6 | 0 | 3 | 2 | 2 | 0 |
| | [illegible] | [illegible] | 1010.8 | [illegible] | .. | 29.8 | 16.3 | 3.8 | 8.7 | [illegible] | .. | 1.0 | .. | 6.7 | 0 | 0 | 31 | 03 | 5 | 3 | 1 | 1 | 0 | 9 | 9 | 0 | 0 |
| | [illegible] | [illegible] | 1007.[illegible] | [illegible] | .. | 32.3 | 17.3 | 4.3 | 8.2 | [illegible] | .. | 1.5 | .. | 9.2 | 0 | 3 | 28 | 04 | 3 | 1 | 2 | 1 | 1 | 8 | 11 | 0 | 0 |
| | [illegible] | [illegible] | 1009.[illegible] | [illegible] | [illegible] | 31.2 | 16.7 | 3.3 | 8.4 | [illegible] | + 1 | 2.2 | +0.2 | 10.3 | 0 | 2 | 29 | 04 | 1 | 3 | 0 | 0 | 3 | 9 | 11 | 5 | 0 |
| | [illegible] | [illegible] | 1010.[illegible] | [illegible] | [illegible] | 19.9 | 12.1 | 4.3 | 8.5 | 38 | .. | 0.8 | .. | 2.[illegible] | 0 | 0 | 20 | 04 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 11 | 0 |
| | [illegible] | 496 | 1012.7 | [illegible] | [illegible] | 22.6 | 11.4 | - 0.6 | 6.1 | 24 | - 9 | 1.1 | -0.5 | 5.7 | 0 | 0 | 21 | 00 | 12 | 2 | 0 | 2 | 6 | 1 | 1 | 6 | 3 |
| Rajgarh | [illegible] | 496 | 1009.[illegible] | [illegible] | [illegible] | 30.8 | 14.9 | - 2.7 | [illegible] | 12 | -10 | 1.6 | -0.9 | 12.[illegible] | 0 | [illegible] | [illegible] | [illegible] | 7 | 0 | 0 | 0 | 4 | 5 | 3 | 1 | 11 |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 19.9 | 11.5 | 0.8 | 6.8 | 30 | - 5 | 1.2 | -0.2 | [illegible] | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 2 | 0 | 1 | 0 | [illegible] | 0 |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 31.8 | 17.4 | 1.4 | 7.8 | 16 | - 2 | 1.8 | -0.6 | 13.0 | 0 | [illegible] | [illegible] | [illegible] | 0 | 0 | [illegible] | 0 | 1 | 12 | 6 | 0 | 0 |
| Sagar | [illegible] | [illegible] | 1012.[illegible] | [illegible] | [illegible] | 22.9 | 14.1 | 6.0 | 9.7 | 38 | + 7 | 0.6 | -1.0 | [illegible] | 0 | [illegible] | [illegible] | [illegible] | 5 | 6 | 0 | 0 | 0 | 6 | 6 | 5 | 0 |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 31.1 | 15.7 | - 0.7 | 6.6 | 15 | - 3 | 0.5 | -1.7 | 3.0 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | 3 | 0 | 1 | 1 | 12 | 6 | [illegible] | 0 |
| Ratlam | [illegible] | [illegible] | 1012.4 | [illegible] | [illegible] | [illegible] | 13.0 | 4.2 | 8.8 | 37 | - 6 | 0.9 | [illegible] | 10.2 | 0 | [illegible] | 24 | [illegible] | 9 | [illegible] | 1 | 2 | 2 | 1 | 2 | 2 | 0 |
| | [illegible] | [illegible] | 1009.8 | 954.1 | [illegible] | 32.0 | 18.7 | 7.9 | 10.8 | 24 | - 2 | 1.6 | +1.3 | 12.6 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 0 | 0 | 4 | 8 | 5 | 2 | 0 |
| Bhopal (Bairagarh) | [illegible] | [illegible] | 1010.1 | 951.0 | .. | 19.2 | 11.1 | 2.2 | 7.4 | 34 | .. | 0.9 | .. | 6.7 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 0 |
| | [illegible] | [illegible] | 1010.7 | 951.1 | .. | 17.5 | 10.2 | 1.8 | 7.1 | 37 | .. | 0.6 | .. | 6.5 | 0 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 6 | 0 |
| | [illegible] | [illegible] | 1012.[illegible] | 953.5 | [illegible] | 22.3 | 12.7 | 2.7 | 7.7 | 29 | - 2 | 1.0 | -0.3 | 7.4 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 1 | 0 | [illegible] | [illegible] | 8 | 0 |
| | [illegible] | [illegible] | 1010.[illegible] | 953.6 | .. | 24.8 | 15.5 | 1.7 | 7.2 | 18 | .. | 1.0 | .. | 11.5 | 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 4 | [illegible] | [illegible] | [illegible] | [illegible] | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 1430 | 523 | 1007.1 | 950.6 | .. | 32.3 | 16.7 | 2.8 | 7.6 | 17 | .. | 1.4 | .. | 12.5 | 0 | 5 | 26 | 04 | 3 | 5 | 3 | 2 | 2 | 7 | 5 | 0 | 0 |
| | 1730 | 523 | 1006.3 | 949.7 | +0.1 | 31.5 | 16.5 | 2.9 | 7.9 | 18 | + 1 | 1.7 | -0.3 | 11.7 | 0 | 2 | 27 | 05 | 3 | 2 | 1 | 0 | 3 | 6 | 9 | 2 | 0 |
| | 2030 | 523 | 1009.2 | 951.2 | .. | 25.4 | 14.1 | 3.2 | 7.9 | 25 | .. | 1.1 | .. | 8.1 | 0 | 1 | 24 | 06 | 7 | 1 | 1 | 0 | 1 | 4 | 5 | 6 | 0 |
| | 2330 | 523 | 1010.5 | 951.9 | .. | 22.4 | 12.6 | 2.6 | 7.5 | 28 | .. | 0.9 | .. | 6.9 | 0 | 0 | 22 | 08 | 3 | 2 | 0 | 2 | 0 | 2 | 5 | 9 | 0 |
| Ujjain | 0830 | 489 | 1012.8 | 957.3 | .. | 20.1 | 11.7 | 2.7 | 7.7 | 34 | .. | 1.5 | .. | 4.6 | 0 | 0 | 12 | 01 | 2 | 4 | 2 | 0 | 0 | 1 | 2 | 19 | 0 |
| | 1730 | 489 | 1006.7 | 953.6 | .. | 31.7 | 16.5 | 2.6 | 7.7 | 17 | .. | 2.3 | .. | 14.9 | 0 | 12 | 19 | 02 | 5 | 3 | 0 | 0 | 0 | 9 | 12 | 0 | 0 |
| Narsinghpur | 0830 | 356 | 1012.2 | 971.8 | .. | 22.0 | 14.2 | 6.4 | 9.9 | 38 | .. | 1.2 | .. | 1.5 | 0 | 0 | 22 | 00 | 8 | 0 | 4 | 0 | 5 | 0 | 5 | 9 | 0 |
| | 1730 | 356 | 1005.9 | 967.2 | .. | 33.5 | 20.7 | 10.9 | 13.9 | 28 | .. | 1.8 | .. | 2.3 | 0 | 0 | 28 | 00 | 7 | 0 | 2 | 0 | 8 | 0 | 11 | 3 | 0 |
| Hoshangabad | 0830 | 302 | 1012.5 | 978.0 | +0.1 | 21.4 | 13.1 | 4.1 | 8.4 | 34 | - 3 | 1.4 | -0.3 | 3.1 | 0 | 0 | 31 | 07 | 10 | 1 | 1 | 2 | 7 | 1 | 2 | 0 | 0 |
| | 1730 | 302 | 1006.3 | 973.3 | -0.1 | 33.7 | 17.4 | - 0.2 | 6.7 | 13 | - 4 | 2.0 | -0.3 | 2.6 | 0 | 0 | 31 | 06 | 8 | 0 | 1 | 0 | 9 | 0 | 7 | 0 | 0 |
| Indore | 0530 | 567 | 1011.0 | 946.5 | .. | 16.5 | 8.9 | - 1.4 | 5.8 | 31 | .. | 0.7 | .. | 6.6 | 0 | 0 | 27 | 02 | 13 | 0 | 1 | 1 | 4 | 3 | 3 | 4 | 0 |
| | 0830 | 567 | 1012.3 | 949.0 | +0.3 | 22.1 | 11.9 | 0.0 | 6.6 | 25 | - 6 | 0.9 | -0.3 | 9.4 | 0 | 3 | 26 | 00 | 12 | 4 | 1 | 2 | 3 | 4 | 2 | 2 | 1 |
| | 1130 | 567 | 1010.8 | 948.9 | .. | 29.6 | 14.7 | - 0.3 | 5.9 | 16 | .. | 0.7 | .. | 14.5 | 0 | 6 | 23 | 02 | 12 | 5 | 0 | 3 | 3 | 3 | 1 | 2 | 0 |
| | 1730 | 567 | 1006.2 | 945.0 | -0.1 | 31.7 | 15.8 | - 0.7 | 6.4 | 14 | - 3 | 1.2 | -0.7 | 16.6 | 0 | 10 | 20 | 06 | 7 | 2 | 0 | 0 | 5 | 7 | 2 | 1 | 1 |
| | 2330 | 567 | 1011.0 | 947.5 | .. | 21.6 | 11.3 | - 1.0 | 6.0 | 23 | .. | 0.8 | .. | 10.1 | 0 | 3 | 26 | 03 | 13 | 1 | 0 | 1 | 2 | 7 | 2 | 2 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1012.6 | 979.1 | -0.7 | 21.4 | 13.1 | 3.0 | 8.4 | 34 | +12 | 1.2 | -0.3 | 5.5 | 0 | 0 | 20 | 00 | 0 | 8 | 0 | 0 | 1 | 11 | 0 | 11 | 0 |
| | 1730 | 293 | 1007.0 | 975.0 | -0.6 | 33.6 | 17.3 | 0.1 | 6.5 | 13 | - 7 | 1.1 | -0.8 | 7.0 | 0 | 2 | 19 | 00 | 0 | 3 | 0 | 0 | 1 | 17 | 0 | 10 | 0 |
| Chhindwara | 0830 | 685 | 1011.6 | 935.5 | -0.6 | 22.0 | 12.5 | 2.0 | 7.1 | 31 | - 8 | 1.2 | -0.5 | 5.9 | 0 | 0 | 24 | 05 | 5 | 1 | 0 | 1 | 0 | 7 | 5 | 7 | 0 |
| | 1730 | 685 | 1005.4 | 931.9 | -0.5 | 31.3 | 15.8 | 0.2 | 6.7 | 16 | - 5 | 2.1 | -0.6 | 9.0 | 0 | 1 | 30 | 03 | 2 | 6 | 0 | 2 | 1 | 12 | 5 | 0 | 0 |
| Seoni | 0830 | 619 | 1011.4 | 942.8 | -0.2 | 23.2 | 14.3 | 6.9 | 9.8 | 34 | - 6 | 1.3 | -0.3 | 5.0 | 0 | 0 | 26 | 06 | 7 | 1 | 1 | 1 | 5 | 1 | 4 | 5 | 0 |
| | 1730 | 619 | 1005.5 | 939.2 | -0.3 | 32.2 | 18.0 | 6.6 | 10.3 | 22 | - 3 | 1.3 | -1.2 | 8.4 | 0 | 1 | 29 | 13 | 2 | 0 | 1 | 3 | 3 | 2 | 6 | 1 | 0 |
| Betul | 0830 | 653 | 1011.8 | 939.2 | -0.5 | 22.3 | 12.4 | 1.7 | 7.2 | 29 | - 5 | 1.1 | -0.7 | 3.4 | 0 | 0 | 29 | 05 | 3 | 3 | 10 | 1 | 0 | 2 | 5 | 2 | 0 |
| | 1730 | 653 | 1005.6 | 935.5 | -0.3 | 31.5 | 15.5 | - 1.6 | 5.9 | 14 | - 6 | 2.2 | -0.4 | 6.1 | 0 | 0 | 31 | 10 | 1 | 0 | 2 | 1 | 1 | 4 | 12 | 0 | 0 |
| Khandwa | 0830 | 318 | 1012.2 | 976.0 | +0.1 | 22.6 | 13.7 | 4.1 | 8.5 | 32 | + 0 | 0.7 | -0.4 | 3.2 | 0 | 0 | 25 | 02 | 7 | 2 | 2 | 3 | 3 | 1 | 5 | 6 | 0 |
| | 1730 | 318 | 1006.1 | 971.5 | +0.1 | 34.1 | 19.1 | 6.0 | 9.9 | 20 | + 3 | 1.6 | -0.2 | 4.5 | 0 | 0 | 31 | 06 | 7 | 0 | 0 | 0 | 2 | 1 | 15 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1010.2 | 973.5 | .. | 17.2 | 10.1 | 1.0 | 6.7 | 31 | .. | 1.0 | .. | 2.7 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 1 | 4 | 9 | 3 | 14 | 0 |
| | 0830 | 317 | 1011.8 | 975.8 | -0.1 | 23.1 | 12.7 | 0.4 | 6.3 | 23 | -22 | 0.7 | -0.8 | 2.5 | 0 | 0 | 26 | 00 | 1 | 3 | 1 | 0 | 11 | 8 | 2 | 5 | 0 |
| | 1130 | 317 | 1010.9 | 975.8 | .. | 30.5 | 15.3 | - 2.8 | 5.0 | 12 | .. | 0.4 | .. | 8.5 | 0 | 0 | 31 | 03 | 0 | 3 | 0 | 0 | 4 | 11 | 10 | 0 | 0 |
| | 1430 | 317 | 1007.9 | 973.2 | .. | 33.1 | 16.0 | - 5.1 | 4.2 | 9 | .. | 1.0 | .. | 12.0 | 0 | 6 | 23 | 03 | 0 | 1 | 1 | 1 | 1 | 7 | 15 | 2 | 0 |
| | 1730 | 317 | 1006.9 | 972.1 | -0.1 | 31.6 | 15.6 | - 3.7 | 4.6 | 12 | -14 | 1.1 | -0.9 | 6.2 | 0 | 1 | 28 | 07 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 2 | 0 |
| | 2330 | 317 | 1010.1 | 974.0 | .. | 21.5 | 11.8 | 0.8 | 6.1 | 24 | .. | 0.7 | .. | 2.6 | 0 | 0 | 16 | 00 | 0 | 1 | 0 | 2 | 1 | 10 | 2 | 15 | 0 |
| Rewa | 0830 | 293 | 1011.5 | 977.6 | .. | 22.8 | 13.7 | 4.7 | 8.4 | 30 | .. | 0.8 | .. | 2.3 | 0 | 0 | 26 | 02 | 1 | 0 | 0 | 3 | 6 | 6 | 8 | 5 | 0 |
| | 1730 | 293 | 1006.6 | 973.8 | .. | 32.1 | 17.4 | 3.0 | 8.0 | 17 | .. | 1.3 | .. | 5.0 | 0 | 0 | 31 | 05 | 4 | 0 | 0 | 1 | 1 | 6 | 14 | 0 | 0 |
| Sidhi | 0830 | 272 | 1010.6 | 979.9 | -0.8 | 21.4 | 14.1 | 7.1 | 10.2 | 41 | - 8 | . | .. | 1.2 | 0 | 0 | 16 | 00 | 2 | 3 | 0 | 12 | 0 | 1 | 0 | 13 | 0 |
| | 1730 | 272 | 1006.1 | 976.3 | -0.6 | 32.4 | 18.6 | 6.9 | 10.2 | 21 | - 2 | . | .. | 2.3 | 0 | 0 | 26 | 19 | 0 | 1 | 0 | 0 | 0 | 5 | 1 | 5 | 0 |
| Umaria | 0830 | 459 | 1012.0 | 960.3 | +0.0 | 22.5 | 14.6 | 7.8 | 10.7 | 40 | - 6 | 1.7 | -0.2 | 2.1 | 0 | 0 | 22 | 02 | 3 | 5 | 3 | 3 | 3 | 1 | 2 | 9 | 0 |
| | 1730 | 459 | 1006.3 | 956.4 | -0.2 | 32.0 | 18.7 | 8.6 | 11.8 | 25 | - 3 | 2.0 | -0.5 | 4.1 | 0 | 0 | 30 | 05 | 2 | 0 | 0 | 0 | 1 | 1 | 20 | 1 | 1 |
| Jabalpur | 0830 | 392 | 1010.8 | 965.6 | .. | 17.1 | 11.7 | 6.9 | 9.4 | 50 | .. | 1.2 | .. | 1.3 | 0 | 0 | 11 | 00 | 0 | 1 | 8 | 1 | 0 | 1 | 0 | 20 | 0 |
| | 0830 | 393 | 1012.2 | 967.9 | +0.1 | 23.1 | 14.2 | 5.2 | 9.0 | 32 | -12 | 1.0 | -0.5 | 2.8 | 0 | 0 | 23 | 01 | 3 | 1 | 6 | 6 | 1 | 3 | 2 | 8 | 0 |
| | 1130 | 393 | 1010.6 | 967.6 | .. | 31.5 | 17.3 | 3.5 | 8.2 | 18 | .. | 0.9 | .. | 5.7 | 0 | 0 | 30 | 06 | 6 | 2 | 2 | 5 | 3 | 3 | 3 | 1 | 0 |
| | 1430 | 393 | 1006.9 | 964.4 | .. | 34.2 | 18.6 | 4.2 | 8.8 | 16 | .. | 1.4 | .. | 7.5 | 0 | 0 | 31 | 10 | 4 | 0 | 3 | 0 | 1 | 7 | 6 | 0 | 0 |
| | 1730 | 393 | 1004.2 | 963.5 | -0.3 | 32.9 | 18.5 | 5.6 | 9.5 | 19 | - 4 | 1.7 | -0.5 | 5.2 | 0 | 0 | 28 | 11 | 3 | 1 | 1 | 0 | 3 | 5 | 4 | 3 | 0 |
| | 2330 | 393 | 1010.4 | 966.0 | .. | 21.3 | 14.3 | 7.8 | 10.6 | 43 | .. | 0.9 | .. | 1.6 | 0 | 0 | 11 | 00 | 6 | 1 | 0 | 2 | 1 | 0 | 1 | 20 | 0 |
| Ambikapur | 0830 | 611 | 1011.7 | 943.6 | -0.7 | 22.2 | 13.0 | 4.1 | 8.3 | 31 | -17 | 1.7 | +0.5 | 4.6 | 0 | 0 | 23 | 03 | 5 | 2 | 3 | 5 | 4 | 0 | 1 | 8 | 0 |
| | 1730 | 611 | 1006.0 | 940.0 | -0.6 | 30.2 | 15.4 | 0.5 | 6.7 | 16 | - 9 | 1.6 | -0.1 | 10.5 | 0 | 1 | 29 | 11 | 3 | 0 | 0 | 2 | 3 | 1 | 10 | 1 | 0 |
| Jashpurnagar | 0830 | 779 | 1010.8 | 925.3 | .. | 22.8 | 13.2 | 3.8 | 8.2 | 31 | .. | 1.4 | .. | 1.8 | 0 | 0 | 20 | 04 | 3 | 1 | 0 | 0 | 1 | 1 | 10 | 11 | 0 |
| | 1730 | 779 | 1005.1 | 921.9 | .. | 29.7 | 15.1 | 0.5 | 6.5 | 16 | .. | 1.7 | .. | 7.0 | 0 | 0 | 30 | 04 | 1 | 0 | 2 | 0 | 5 | 4 | 13 | 1 | 1 |
| Pendra | 0530 | 655 | 1010.3 | 940.2 | .. | 19.5 | 11.5 | 3.0 | 7.8 | 35 | .. | 1.6 | .. | 5.6 | 0 | 1 | 25 | 11 | 0 | 1 | 0 | 3 | 4 | 2 | 5 | 5 | 0 |
| | 0830 | 655 | 1011.4 | 942.4 | -0.3 | 24.1 | 13.8 | 4.1 | 8.3 | 29 | -10 | 1.8 | +0.1 | 6.7 | 0 | 2 | 26 | 19 | 2 | 0 | 0 | 5 | 2 | 0 | 0 | 3 | 0 |
| | 1130 | 655 | 1009.8 | 942.1 | .. | 29.8 | 15.8 | 3.0 | 7.7 | 19 | .. | 1.7 | .. | 11.3 | 0 | 4 | 25 | 15 | 3 | 0 | 1 | 4 | 0 | 1 | 3 | 2 | 2 |
| | 1430 | 655 | 1006.0 | 939.0 | .. | 31.9 | 16.6 | 2.8 | 7.7 | 16 | .. | 2.0 | .. | 14.0 | 0 | 6 | 23 | 16 | 6 | 0 | 0 | 2 | 1 | 2 | 2 | 2 | 0 |
| | 1730 | 655 | 1006.0 | 938.6 | -0.6 | 30.1 | 15.9 | 2.9 | 7.7 | 18 | -10 | 2.3 | -0.5 | 10.0 | 0 | 2 | 27 | 20 | 3 | 1 | 1 | 3 | 1 | 0 | 0 | 2 | 0 |
| | 2330 | 655 | 1010.0 | 941.0 | .. | 22.6 | 13.0 | 3.3 | 8.0 | 30 | .. | 1.3 | .. | 5.4 | 0 | 1 | 23 | 11 | 0 | 0 | 0 | 2 | 2 | 3 | 6 | 7 | 0 |
| Mandla | 0830 | 443 | 1012.1 | 962.1 | -0.6 | 21.7 | 13.8 | 5.6 | 9.4 | 37 | -20 | 1.1 | -0.8 | 0.8 | 0 | 0 | 4 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 27 | 0 |
| | 1730 | 443 | 1005.5 | 957.8 | -0.5 | 32.2 | 17.3 | 2.7 | 7.7 | 17 | - 7 | 1.4 | -1.3 | 3.3 | 0 | 0 | 19 | 09 | 0 | 0 | 0 | 1 | 0 | 0 | 9 | 12 | 0 |
| Chhindwara | 0830 | 245 | 1011.4 | 983.6 | -0.8 | 24.4 | 14.6 | 4.5 | 8.7 | 29 | - 9 | 2.2 | +0.2 | 4.9 | 0 | 0 | 25 | 16 | 1 | 0 | 2 | 0 | 0 | 1 | 5 | 6 | 0 |
| | 1730 | 245 | 1006.1 | 979.3 | -0.7 | 34.6 | 18.2 | 2.1 | 7.6 | 13 | - 9 | 1.9 | -0.7 | 3.9 | 0 | 0 | 24 | 11 | 0 | 0 | 0 | 1 | 1 | 5 | 6 | 7 | 0 |
| Raigarh | 0830 | 220 | 1011.4 | 986.6 | -0.4 | 26.7 | 16.8 | 8.0 | 11.1 | 32 | -11 | 2.7 | +0.7 | 3.2 | 0 | 0 | 20 | 02 | 20 | 0 | 2 | 3 | 0 | 1 | 2 | 1 | 0 |
| | 1730 | 220 | 1005.7 | 981.7 | -0.9 | 34.1 | 20.3 | 9.6 | 12.5 | 24 | + 1 | 2.1 | +0.1 | 2.2 | 0 | 0 | 20 | 11 | 1 | 0 | 2 | 0 | 4 | 0 | 2 | 11 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA) .

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raipur | 0530 | 298 | 1009.3 | 975.4 | .. | 21.9 | 14.1 | 6.2 | 9.8 | 38 | .. | 2.0 | .. | 3.1 | 0 | 0 | 17 | 03 | 0 | 2 | 0 | 2 | 6 | 1 | 2 | 14 | 1 |
| | 0830 | 298 | 1011.4 | 977.9 | -0.4 | 25.8 | 15.6 | 5.7 | 9.5 | 30 | -11 | 2.2 | +0.6 | 5.0 | 0 | 0 | 25 | 05 | 6 | 3 | 1 | 3 | 3 | 2 | 2 | 6 | 0 |
| | 1130 | 298 | 1010.2 | 977.5 | .. | 32.9 | 18.1 | 4.4 | 8.5 | 19 | .. | 1.7 | .. | 8.6 | 0 | 0 | 28 | 03 | 6 | 3 | 5 | 1 | 3 | 2 | 5 | 3 | 0 |
| | 1430 | 298 | 1006.4 | 974.1 | .. | 35.6 | 19.0 | 4.2 | 8.5 | 15 | .. | 1.6 | .. | 7.8 | 0 | 0 | 28 | 05 | 3 | 1 | 1 | 2 | 2 | 5 | 9 | 3 | 0 |
| | 1730 | 298 | 1005.7 | 973.3 | -0.9 | 34.5 | 18.9 | 5.3 | 9.1 | 17 | - 7 | 2.0 | +0.3 | 4.3 | 0 | 0 | 21 | 06 | 0 | 1 | 1 | 1 | 3 | 3 | 6 | 10 | 0 |
| | 2330 | 298 | 1009.0 | 975.7 | .. | 26.9 | 15.9 | 5.3 | 9.1 | 26 | .. | 1.8 | .. | 7.5 | 0 | 1 | 27 | 05 | 4 | 0 | 2 | 8 | 1 | 3 | 5 | 3 | 0 |
| Kanker | 0830 | 402 | 1011.2 | 966.3 | -0.6 | 25.4 | 16.8 | 9.5 | 12.2 | 38 | -16 | 2.0 | +0.0 | 1.0 | 0 | 0 | 11 | 04 | 1 | 2 | 1 | 0 | 0 | 2 | 1 | 20 | 0 |
| | 1730 | 402 | 1005.4 | 962.1 | -1.0 | 33.8 | 19.6 | 9.0 | 11.2 | 22 | - 8 | 2.4 | -0.1 | 1.9 | 0 | 0 | 20 | 08 | 3 | 0 | 0 | 0 | 3 | 1 | 5 | 11 | 0 |
| Jagdalpur | 0530 | 553 | 1009.5 | 947.6 | .. | 20.3 | 15.6 | 12.3 | 14.3 | 61 | .. | 1.6 | .. | 1.2 | 0 | 1 | 3 | 00 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 27 | 0 |
| | 0830 | 553 | 1011.0 | 949.9 | -0.7 | 25.1 | 18.0 | 13.2 | 15.5 | 49 | - 5 | 1.7 | +0.1 | 3.0 | 0 | 0 | 12 | 03 | 1 | 0 | 2 | 3 | 3 | 0 | 0 | 19 | 0 |
| | 1130 | 553 | 1008.9 | 949.4 | .. | 32.2 | 19.2 | 10.2 | 12.7 | 27 | .. | 1.7 | .. | 7.2 | 0 | 0 | 30 | 05 | 3 | 0 | 0 | 3 | 6 | 5 | 8 | 1 | 0 |
| | 1430 | 553 | 1005.0 | 946.1 | .. | 34.7 | 19.5 | 8.6 | 11.0 | 21 | .. | 2.6 | .. | 8.8 | 0 | 0 | 31 | 06 | 5 | 1 | 0 | 4 | 8 | 5 | 2 | 0 | 0 |
| | 1730 | 553 | 1004.6 | 945.5 | -0.9 | 33.3 | 19.3 | 9.7 | 12.1 | 24 | - 4 | 2.9 | +0.2 | 7.2 | 0 | 3 | 21 | 08 | 2 | 0 | 0 | 3 | 5 | 2 | 4 | 7 | 0 |
| | 2030 | 553 | 1008.0 | 947.6 | .. | 27.8 | 17.9 | 11.0 | 13.3 | 36 | .. | 1.4 | .. | 1.1 | 0 | 0 | 6 | 01 | 1 | 0 | 0 | 2 | 0 | 1 | 1 | 25 | 0 |
| | 2330 | 553 | 1009.2 | 948.2 | .. | 24.7 | 17.0 | 11.6 | 13.7 | 45 | .. | 1.3 | .. | 2.7 | 0 | 1 | 9 | 00 | 0 | 0 | 2 | 4 | 3 | 0 | 1 | 21 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1012.9 | 997.1 | +0.6 | 20.0 | 12.0 | 1.8 | 7.6 | 33 | -15 | 1.1 | -0.4 | 6.0 | 0 | 0 | 30 | 01 | 16 | 1 | 2 | 2 | 1 | 1 | 6 | 1 | 0 |
| | 1730 | 136 | 1007.8 | 992.8 | +0.0 | 33.1 | 16.1 | - 3.1 | 4.4 | 9 | -14 | 1.5 | -0.3 | 13.0 | 0 | 5 | 25 | 00 | 4 | 0 | 0 | 0 | 8 | 7 | 10 | 1 | 1 |
| Radhanpur | 0830 | 30 | 1012.3 | 1008.9 | +0.0 | 22.7 | 16.8 | 11.7 | 14.3 | 54 | - 8 | 0.0 | -0.9 | 2.9 | 0 | 0 | 30 | 11 | 2 | 2 | 1 | 5 | 1 | 7 | 1 | 1 | 0 |
| | 1730 | 30 | .. | .. | .. | 32.2 | 19.3 | 8.6 | 11.9 | 26 | - 3 | 0.0 | -1.0 | 4.3 | 0 | 0 | 30 | 04 | 1 | 0 | 1 | 1 | 4 | 6 | 13 | 1 | 0 |
| Idar | 0830 | 219 | 1012.0 | 987.0 | -0.5 | 23.8 | 13.7 | 2.9 | 7.5 | 28 | - 6 | 1.5 | -0.2 | 4.9 | 0 | 0 | 25 | 02 | 12 | 4 | 0 | 0 | 1 | 5 | 1 | 6 | 0 |
| | 1730 | 219 | 1007.6 | 983.5 | -0.5 | 32.9 | 17.0 | - 2.0 | 5.7 | 14 | - 3 | 2.0 | +0.1 | 4.7 | 0 | 0 | 29 | 03 | 2 | 4 | 2 | 1 | 2 | 12 | 3 | 2 | 0 |
| Ahmadabad | 0230 | 55 | 1010.1 | 1003.7 | .. | 21.2 | 13.3 | 4.8 | 8.9 | 36 | .. | 0.3 | .. | 8.6 | 0 | 0 | 28 | 04 | 8 | 2 | 0 | 0 | 0 | 8 | 6 | 3 | 0 |
| | 0530 | 55 | 1010.0 | 1003.5 | .. | 19.2 | 12.7 | 5.2 | 9.4 | 43 | .. | 0.2 | .. | 9.4 | 0 | 0 | 30 | 02 | 7 | 5 | 0 | 0 | 0 | 6 | 10 | 1 | 0 |
| | 0830 | 55 | 1012.1 | 1005.7 | -0.2 | 21.5 | 13.9 | 5.1 | 9.7 | 39 | - 8 | 0.7 | -0.6 | 10.0 | 0 | 1 | 26 | 01 | 4 | 8 | 1 | 0 | 0 | 3 | 10 | 4 | 0 |
| | 1130 | 55 | 1012.5 | 1006.3 | .. | 30.5 | 17.7 | 6.0 | 9.9 | 24 | .. | 0.8 | .. | 16.3 | 0 | 7 | 24 | 02 | 4 | 11 | 3 | 0 | 0 | 4 | 7 | 0 | 0 |
| | 1430 | 55 | 1009.4 | 1003.3 | .. | 34.1 | 18.8 | 5.2 | 9.3 | 18 | .. | 1.1 | .. | 14.5 | 0 | 7 | 24 | 04 | 5 | 4 | 1 | 3 | 2 | 5 | 7 | 0 | 0 |
| | 1730 | 55 | 1008.0 | 1001.8 | -0.3 | 34.2 | 18.8 | 4.9 | 9.2 | 17 | - 3 | 1.3 | -0.1 | 13.3 | 0 | 5 | 26 | 05 | 3 | 3 | 0 | 0 | 3 | 8 | 7 | 0 | 2 |
| | 2030 | 55 | 1009.4 | 1003.2 | .. | 27.2 | 16.3 | 5.9 | 9.7 | 25 | .. | 0.9 | .. | 5.8 | 0 | 1 | 23 | 03 | 5 | 1 | 0 | 0 | 1 | 3 | 11 | 7 | 0 |
| | 2330 | 55 | 1010.5 | 1004.2 | .. | 23.8 | 14.8 | 5.7 | 9.4 | 33 | .. | 0.6 | .. | 6.8 | 0 | 1 | 24 | 03 | 5 | 2 | 1 | 1 | 3 | 4 | 6 | 6 | 0 |
| Dohad | 0830 | 333 | 1012.3 | 974.5 | -0.4 | 21.8 | 12.3 | - 0.9 | 6.7 | 26 | -11 | 0.9 | -0.2 | 8.4 | 0 | 3 | 28 | 00 | 5 | 7 | 5 | 1 | 2 | 5 | 6 | 0 | 0 |
| | 1730 | 333 | 1007.0 | 970.7 | -0.5 | 33.1 | 16.1 | - 5.7 | 4.4 | 9 | - 7 | 0.7 | -0.6 | 12.5 | 0 | 7 | 24 | 02 | 5 | 2 | 1 | 0 | 6 | 11 | 4 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1011.8 | 1006.7 | .. | 19.5 | 13.7 | 8.3 | 10.9 | 50 | .. | 0.8 | .. | 5.7 | 0 | 0 | 29 | 07 | 9 | 2 | 0 | 0 | 4 | 4 | 3 | 2 | 0 |
| | 1730 | 44 | 1007.8 | 1003.0 | .. | 34.2 | 19.1 | 5.2 | 9.8 | 18 | .. | 1.1 | .. | 8.1 | 0 | 0 | 29 | 06 | 6 | 0 | 1 | 2 | 3 | 7 | 4 | 2 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1012.1 | 1007.7 | -0.4 | 22.3 | 14.8 | 7.1 | 10.8 | 40 | - 8 | 0.5 | -0.4 | 10.0 | 0 | 4 | 21 | 08 | 7 | 1 | 1 | 1 | 1 | 3 | 3 | 6 | 0 |
| | 1130 | 38 | 1012.1 | 1007.9 | .. | 31.1 | 18.6 | 8.1 | 11.2 | 27 | .. | 0.4 | .. | 14.9 | 0 | 6 | 21 | 05 | 5 | 8 | 1 | 2 | 2 | 3 | 1 | 4 | 0 |
| | 1730 | 38 | 1007.5 | 1003.4 | -0.4 | 34.7 | 19.3 | 6.1 | 9.8 | 18 | - 2 | 0.6 | -0.5 | 17.3 | 0 | 9 | 22 | 02 | 5 | 0 | 2 | 0 | 5 | 8 | 9 | 0 | 0 |
| Baroda | 0530 | 34 | 1009.9 | 1005.8 | .. | 19.5 | 13.3 | 6.1 | 10.3 | 46 | .. | 0.0 | .. | 1.7 | 0 | 0 | 16 | 00 | 6 | 0 | 0 | 0 | 6 | 0 | 4 | 15 | 0 |
| | 0830 | 34 | 1012.1 | 1008.0 | -0.6 | 21.1 | 13.8 | 5.7 | 9.9 | 40 | -13 | 0.5 | -0.4 | 2.4 | 0 | 0 | 23 | 00 | 12 | 0 | 0 | 0 | 6 | 0 | 5 | 8 | 0 |
| | 1130 | 34 | 1012.0 | 1008.4 | .. | 31.2 | 18.0 | 4.9 | 9.9 | 23 | .. | 0.5 | .. | 4.7 | 0 | 1 | 27 | 00 | 14 | 0 | 1 | 0 | 7 | 0 | 6 | 3 | 0 |
| | 1730 | 34 | 1007.8 | 1004.0 | -0.1 | 36.0 | 19.0 | 3.4 | 8.2 | 14 | - 8 | 0.5 | -0.5 | 5.2 | 0 | 0 | 31 | 02 | 10 | 0 | 1 | 0 | 3 | 8 | 7 | 0 | 0 |
| | 2330 | 34 | 1010.4 | 1006.4 | .. | 24.6 | 15.8 | 6.8 | 10.9 | 36 | .. | 0.0 | .. | 4.0 | 0 | 0 | 27 | 01 | 9 | 0 | 0 | 0 | 9 | 3 | 5 | 4 | 0 |
| Broach | 0830 | 17 | 1011.2 | 1009.2 | -0.7 | 20.2 | 15.0 | 10.1 | 12.9 | 53 | - 6 | 0.6 | -0.6 | 5.8 | 0 | 0 | 31 | 00 | 12 | 0 | 2 | 0 | 9 | 0 | 8 | 0 | 0 |
| | 1730 | 17 | 1007.0 | 1005.1 | -0.7 | 35.5 | 22.3 | 13.5 | 16.1 | 29 | + 8 | 0.4 | -0.7 | 6.3 | 0 | 0 | 31 | 00 | 11 | 0 | 1 | 1 | 6 | 3 | 9 | 0 | 0 |
| Surat | 0530 | 12 | 1009.3 | 1007.9 | .. | 20.9 | 16.6 | 12.6 | 15.5 | 64 | .. | 0.2 | .. | 6.9 | 0 | 0 | 31 | 00 | 16 | 0 | 10 | 0 | 1 | 0 | 4 | 0 | 0 |
| | 0830 | 12 | 1011.9 | 1010.6 | -0.5 | 22.3 | 17.0 | 12.2 | 15.1 | 57 | - 6 | 0.8 | -0.7 | 6.4 | 0 | 0 | 30 | 01 | 15 | 0 | 9 | 0 | 2 | 0 | 3 | 1 | 0 |
| | 1130 | 12 | 1012.0 | 1010.7 | .. | 31.3 | 19.2 | 9.1 | 12.4 | 29 | .. | 0.7 | .. | 9.0 | 0 | 0 | 31 | 01 | 15 | 1 | 1 | 0 | 3 | 2 | 8 | 0 | 0 |
| | 1730 | 12 | 1008.0 | 1006.7 | -0.4 | 33.2 | 20.1 | 10.1 | 12.9 | 28 | - 5 | 0.6 | -0.7 | 7.2 | 0 | 0 | 31 | 00 | 4 | 0 | 0 | 0 | 13 | 1 | 13 | 0 | 0 |
| | 2330 | 12 | 1010.1 | 1008.8 | .. | 24.3 | 18.8 | 14.2 | 17.1 | 58 | .. | 0.3 | .. | 8.1 | 0 | 0 | 31 | 05 | 2 | 0 | 2 | 2 | 9 | 4 | 7 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1012.2 | 1009.7 | -0.5 | 18.4 | 14.7 | 11.0 | 13.7 | 65 | -15 | 0.9 | -1.4 | 5.3 | 0 | 0 | 26 | 04 | 10 | 1 | 2 | 1 | 4 | 3 | 1 | 5 | 0 |
| | 1730 | 21 | 1009.1 | 1006.7 | -0.9 | 29.9 | 18.4 | 8.7 | 11.9 | 29 | -11 | 1.2 | -0.3 | 13.5 | 0 | 3 | 28 | 01 | 5 | 0 | 0 | 2 | 13 | 10 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1010.7 | 1001.4 | .. | 19.5 | 16.0 | 12.7 | 15.4 | 67 | .. | 0.2 | .. | 4.2 | 0 | 1 | 10 | 00 | 0 | 0 | 0 | 0 | 2 | 7 | 2 | 20 | 0 |
| | 0530 | 80 | 1010.5 | 1001.1 | .. | 17.6 | 14.6 | 11.7 | 14.2 | 72 | .. | 0.3 | .. | 4.0 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 5 | 3 | 1 | 22 | 0 |
| | 0830 | 80 | 1012.5 | 1003.1 | -0.1 | 19.4 | 15.7 | 12.3 | 14.9 | 66 | + 7 | 1.4 | +0.4 | 5.2 | 0 | 2 | 11 | 01 | 1 | 0 | 0 | 0 | 3 | 4 | 4 | 18 | 0 |
| | 1130 | 80 | 1012.7 | 1003.6 | .. | 29.0 | 19.4 | 12.1 | 15.2 | 38 | .. | 0.9 | .. | 16.6 | 0 | 7 | 24 | 05 | 11 | 2 | 0 | 0 | 3 | 3 | 6 | 0 | 0 |
| | 1430 | 80 | 1009.9 | 1000.9 | .. | 32.9 | 20.2 | 10.0 | 13.3 | 28 | .. | 1.0 | .. | 17.5 | 0 | 9 | 20 | 03 | 10 | 1 | 0 | 1 | 3 | 4 | 7 | 2 | 0 |
| | 1730 | 80 | 1008.7 | 999.7 | +0.0 | 32.5 | 20.6 | 11.2 | 14.6 | 31 | + 5 | 1.0 | -0.1 | 16.1 | 0 | 9 | 18 | 06 | 7 | 0 | 0 | 0 | 4 | 5 | 5 | 4 | 0 |
| | 2030 | 80 | 1010.3 | 1001.2 | .. | 26.5 | 18.6 | 12.1 | 14.9 | 45 | .. | 0.6 | .. | 14.0 | 0 | 6 | 22 | 04 | 5 | 0 | 0 | 0 | 6 | 8 | 5 | 3 | 0 |
| | 2330 | 80 | 1011.3 | 1002.1 | .. | 22.2 | 16.7 | 12.4 | 14.9 | 57 | .. | 0.4 | .. | 8.2 | 0 | 4 | 11 | 01 | 0 | 0 | 0 | 0 | 0 | 12 | 2 | 16 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 0830 | 35 | 1012.5 | 1008.5 | .. | 21.9 | 14.8 | 7.0 | 11.1 | 44 | .. | 0.9 | .. | 16.8 | 0 | 10 | 19 | 04 | 0 | 0 | 0 | 1 | 5 | 4 | 15 | 2 | 0 |
| | 1130 | 35 | 1012.9 | 1008.9 | .. | 30.2 | 16.3 | 0.4 | 7.3 | 18 | .. | 0.8 | .. | 23.4 | 0 | 22 | 9 | 02 | 6 | 6 | 0 | 2 | 3 | 5 | 7 | 0 | 0 |
| | 1730 | 35 | 1008.7 | 1004.9 | .. | 33.1 | 16.7 | - 2.9 | 5.4 | 12 | .. | 1.0 | .. | 24.8 | 0 | 21 | 10 | 06 | 2 | 2 | 1 | 4 | 6 | 5 | 5 | 0 | 0 |
| New Kandla | 0830 | 14 | 1012.7 | 1011.0 | -0.5 | 21.3 | 15.6 | 10.3 | 13.1 | 53 | -12 | 1.1 | -1.3 | 11.9 | 0 | 5 | 25 | 10 | 2 | 0 | 0 | 0 | 4 | 6 | 8 | 1 | 0 |
| | 1730 | 14 | 1009.2 | 1007.6 | -0.7 | 31.0 | 18.4 | 6.9 | 10.9 | 25 | -13 | 1.2 | -0.5 | 18.8 | 0 | 14 | 17 | 04 | 5 | 1 | 2 | 4 | 7 | 7 | 1 | 0 | 0 |
| Mandvi | 0830 | 9 | 1012.4 | 1011.3 | -0.4 | 21.5 | 16.2 | 10.8 | 14.1 | 57 | -23 | 2.0 | +0.5 | 14.3 | 0 | 5 | 22 | 04 | 7 | 1 | 0 | 0 | 1 | 7 | 7 | 4 | 0 |
| | 1730 | 9 | 1009.6 | 1008.5 | -0.7 | 26.8 | 20.8 | 17.1 | 19.6 | 57 | -20 | 1.3 | +0.0 | 28.1 | 0 | 26 | 5 | 00 | 1 | 0 | 1 | 2 | 2 | 25 | 0 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1012.3 | 1003.7 | -0.2 | 22.4 | 17.6 | 13.8 | 16.2 | 60 | + 1 | 1.1 | -0.1 | 10.1 | 0 | 2 | 24 | 04 | 4 | 1 | 1 | 0 | 0 | 6 | 10 | 5 | 0 |
| | 1730 | 74 | 1007.8 | 999.5 | -0.5 | 34.3 | 21.6 | 12.2 | 15.5 | 28 | + 5 | 1.1 | -0.3 | 8.2 | 0 | 2 | 25 | 05 | 3 | 2 | 0 | 0 | 0 | 15 | 2 | 4 | 0 |
| Okha | 0530 | 7 | 1010.7 | 1009.9 | .. | 23.0 | 19.5 | 17.2 | 19.9 | 71 | .. | 0.3 | .. | 23.6 | 0 | 20 | 11 | 09 | 3 | 0 | 0 | 1 | 0 | 8 | 10 | 0 | 0 |
| | 0830 | 7 | 1012.7 | 1011.9 | .. | 23.6 | 19.3 | 16.3 | 18.9 | 65 | .. | 1.2 | .. | 21.5 | 0 | 20 | 11 | 09 | 4 | 2 | 0 | 1 | 0 | 6 | 9 | 0 | 0 |
| | 1130 | 7 | 1013.6 | 1012.8 | .. | 25.6 | 20.0 | 16.2 | 18.9 | 58 | .. | 0.7 | .. | 19.7 | 0 | 15 | 16 | 05 | 8 | 3 | 0 | 0 | 1 | 5 | 9 | 0 | 0 |
| | 1730 | 7 | 1010.1 | 1009.3 | .. | 25.8 | 21.1 | 18.1 | 21.1 | 64 | .. | 1.0 | .. | 23.5 | 0 | 19 | 12 | 01 | 2 | 1 | 0 | 0 | 1 | 9 | 17 | 0 | 0 |
| | 2330 | 7 | 1012.0 | 1011.2 | .. | 23.8 | 20.4 | 18.3 | 21.1 | 73 | .. | 0.5 | .. | 22.7 | 0 | 18 | 13 | 06 | 0 | 0 | 0 | 0 | 1 | 11 | 13 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1010.5 | 1008.2 | .. | 17.3 | 15.3 | 13.3 | 15.7 | 80 | .. | 0.2 | .. | 9.6 | 0 | 2 | 21 | 01 | 2 | 1 | 1 | 1 | 7 | 7 | 3 | 8 | 0 |
| | 0830 | 20 | 1011.9 | 1009.6 | -1.1 | 21.1 | 17.3 | 14.5 | 16.7 | 67 | - 4 | 1.1 | -0.8 | 9.6 | 0 | 2 | 22 | 01 | 3 | 3 | 1 | 0 | 8 | 4 | 4 | 7 | 0 |
| | 1130 | 20 | 1012.6 | 1010.3 | .. | 28.3 | 19.5 | 13.3 | 15.5 | 41 | .. | 0.7 | .. | 19.7 | 0 | 19 | 11 | 09 | 7 | 3 | 0 | 0 | 1 | 7 | 3 | 1 | 0 |
| | 1730 | 20 | 1009.0 | 1006.8 | +0.0 | 29.9 | 19.7 | 12.1 | 14.7 | 36 | - 2 | 0.6 | -0.7 | 24.1 | 0 | 23 | 8 | 12 | 2 | 1 | 0 | 0 | 0 | 10 | 6 | 0 | 0 |
| | 2330 | 20 | 1011.1 | 1008.8 | .. | 21.7 | 18.8 | 16.9 | 19.4 | 74 | .. | 0.5 | .. | 14.1 | 0 | 7 | 24 | 04 | 4 | 0 | 0 | 1 | 5 | 11 | 6 | 0 | 0 |
| Dwarka | 0830 | 11 | 1012.7 | 1011.4 | -0.7 | 23.8 | .. | .. | .. | .. | .. | 0.8 | -1.0 | 14.9 | 0 | 10 | 21 | 17 | 1 | 1 | 0 | 0 | 0 | 10 | 2 | 0 | 0 |
| | 1730 | 11 | 1010.0 | 1008.7 | -0.6 | 26.8 | .. | .. | .. | .. | .. | 0.6 | -0.7 | 19.9 | 0 | 16 | 15 | 05 | 2 | 0 | 0 | 0 | 0 | 22 | 2 | 0 | 0 |
| Rajkot | 0530 | 138 | 1010.5 | 994.5 | .. | 18.0 | 13.2 | 7.7 | 11.3 | 56 | .. | 0.3 | .. | 9.3 | 0 | 5 | 18 | 01 | 2 | 4 | 0 | 0 | 2 | 9 | 5 | 8 | 0 |
| | 0830 | 138 | 1012.2 | 996.4 | -0.7 | 21.0 | 15.6 | 10.0 | 13.4 | 56 | - 7 | 0.3 | -1.3 | 11.9 | 0 | 7 | 17 | 01 | 3 | 4 | 0 | 0 | 3 | 6 | 7 | 7 | 0 |
| | 1130 | 138 | 1012.0 | 996.6 | .. | 30.1 | 18.8 | 9.1 | 12.5 | 31 | .. | 0.2 | .. | 23.1 | 0 | 21 | 10 | 05 | 7 | 6 | 2 | 0 | 1 | 3 | 7 | 0 | 0 |
| | 1430 | 138 | 1008.9 | 993.7 | .. | 33.5 | 19.7 | 8.1 | 11.7 | 23 | .. | 0.3 | .. | 21.8 | 0 | 17 | 14 | 02 | 7 | 5 | 1 | 1 | 1 | 1 | 10 | 0 | 3 |
| Bhavnagar Aerodrome) | 1730 | 138 | 1007.8 | 992.6 | -0.4 | 33.5 | 19.1 | 6.3 | 10.4 | 21 | + 4 | 0.2 | -1.2 | 23.5 | 0 | 18 | 12 | 01 | 10 | 0 | 0 | 1 | 0 | 4 | 13 | 1 | 1 |
| | 0830 | 11 | 1012.2 | 1011.0 | -0.6 | 22.4 | 15.3 | 8.3 | 11.7 | 44 | + 5 | 0.5 | -0.5 | 12.9 | 0 | 5 | 24 | 07 | 2 | 0 | 0 | 2 | 0 | 4 | 13 | 2 | 1 |
| | 1130 | 11 | 1012.6 | 1011.4 | .. | 30.0 | 18.1 | 7.5 | 11.1 | 27 | .. | 0.5 | .. | 20.1 | 0 | 16 | 14 | 04 | 13 | 5 | 3 | 1 | 0 | 1 | 3 | 1 | 0 |
| Porbander Aerodrome | 1730 | 11 | 1008.1 | 1006.9 | -0.5 | 33.4 | 18.7 | 5.1 | 9.7 | 20 | - 2 | 0.8 | -0.5 | 23.0 | 0 | 21 | 10 | 02 | 8 | 7 | 9 | 4 | 1 | 0 | 0 | 0 | 0 |
| | 0830 | 7 | 1012.1 | 1011.3 | -0.4 | 23.2 | 17.0 | 11.0 | 14.4 | 54 | -20 | 0.6 | -0.5 | 11.7 | 0 | 8 | 22 | 05 | 3 | 2 | 2 | 0 | 0 | 2 | 16 | 1 | 0 |
| | 1130 | 7 | 1012.6 | 1011.8 | .. | 30.7 | 18.7 | 7.0 | 11.9 | 30 | .. | 0.8 | .. | 19.7 | 0 | 19 | 12 | 05 | 8 | 3 | 0 | 1 | 3 | 4 | 7 | 0 | 0 |
| Keshod | 1730 | 7 | 1009.0 | 1008.2 | -0.9 | 29.7 | 20.0 | 11.6 | 15.5 | 40 | -22 | 0.6 | -0.8 | 24.6 | 0 | 28 | 3 | 01 | 2 | 0 | 0 | 0 | 4 | 24 | 0 | 0 | 0 |
| | 0830 | 51 | 1012.0 | 1006.1 | -1.3 | 21.4 | 14.5 | 6.1 | 10.9 | 45 | -19 | 0.7 | -0.6 | 11.5 | 0 | 3 | 28 | 07 | 13 | 4 | 1 | 0 | 0 | 3 | 3 | 0 | 0 |
| | 1130 | 51 | 1012.2 | 1006.4 | .. | 30.6 | 16.7 | 1.6 | 7.7 | 20 | .. | 0.3 | .. | 21.2 | 0 | 17 | 14 | 05 | 11 | 4 | 0 | 1 | 0 | 5 | 5 | 0 | 0 |
| Mahuva | 1730 | 51 | 1008.4 | 1002.7 | -1.2 | 32.6 | 17.7 | 0.9 | 8.2 | 19 | -11 | 0.3 | -0.4 | 26.2 | 0 | 27 | 4 | 02 | 2 | 2 | 0 | 1 | 6 | 16 | 2 | 0 | 0 |
| Veraval | 0830 | 9 | 1011.1 | 1010.1 | .. | 21.9 | 19.0 | 17.2 | 19.7 | 76 | .. | 1.4 | .. | 3.7 | 0 | 0 | 26 | 05 | 11 | 1 | 0 | 0 | 1 | 1 | 7 | 5 | 0 |
| | 1730 | 9 | 1008.1 | 1007.1 | .. | 30.3 | 26.7 | 25.2 | 32.6 | 74 | .. | 1.5 | .. | 6.6 | 0 | 0 | 31 | 01 | 5 | 0 | 7 | 3 | 15 | 0 | 0 | 0 | 0 |
| | 0230 | 8 | 1010.2 | 1009.3 | .. | 20.7 | 16.8 | 12.8 | 16.0 | 66 | .. | 0.4 | .. | 11.9 | 0 | 5 | 22 | 11 | 5 | 0 | 0 | 0 | 0 | 4 | 7 | 4 | 0 |
| | 0530 | 8 | 1009.8 | 1008.9 | .. | 19.5 | 15.1 | 10.6 | 13.6 | 62 | .. | 0.4 | .. | 14.5 | 0 | 7 | 23 | 17 | 4 | 0 | 0 | 0 | 0 | 2 | 7 | 1 | 0 |
| | 0830 | 8 | 1011.9 | 1011.0 | -0.9 | 21.8 | 15.8 | 9.8 | 13.1 | 52 | -11 | 0.9 | -0.3 | 13.6 | 0 | 6 | 22 | 12 | 5 | 2 | 0 | 0 | 0 | 1 | 8 | 3 | 0 |
| | 1130 | 8 | 1012.4 | 1011.5 | .. | 29.1 | 20.1 | 12.2 | 16.2 | 44 | .. | 0.5 | .. | 19.4 | 0 | 17 | 14 | 06 | 2 | 1 | 3 | 2 | 3 | 10 | 4 | 0 | 0 |
| | 1430 | 8 | 1009.9 | 1009.0 | .. | 28.8 | 21.9 | 17.4 | 20.6 | 54 | .. | 0.5 | .. | 25.3 | 0 | 22 | 9 | 00 | 1 | 0 | 2 | 2 | 6 | 17 | 2 | 0 | 1 |
| | 1730 | 8 | 1009.1 | 1008.2 | -0.3 | 27.1 | 22.6 | 20.2 | 23.8 | 66 | - 7 | 0.5 | -0.4 | 23.7 | 0 | 20 | 11 | 00 | 0 | 0 | 1 | 3 | 6 | 15 | 6 | 0 | 0 |
| | 2030 | 8 | 1010.5 | 1009.6 | .. | 24.8 | 21.4 | 19.5 | 22.7 | 73 | .. | 0.5 | .. | 17.2 | 0 | 14 | 14 | 02 | 0 | 0 | 0 | 0 | 2 | 12 | 12 | 3 | 0 |
| | 2330 | 8 | 1011.3 | 1010.4 | .. | 22.6 | 19.4 | 17.3 | 20.0 | 73 | .. | 0.5 | .. | 13.5 | 0 | 7 | 22 | 06 | 4 | 0 | 0 | 0 | 1 | 6 | 12 | 2 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1011.4 | 1010.9 | -0.4 | 23.2 | 18.6 | 15.2 | 17.7 | 63 | - 5 | . | .. | 8.1 | 0 | 1 | 30 | 05 | 2 | 15 | 6 | 0 | 0 | 1 | 2 | 0 | 0 |
| Bombay (Santa Cruz) | 1730 | 5 | 1009.0 | 1008.5 | +0.3 | 28.0 | 23.0 | 20.2 | 24.0 | 64 | - 3 | . | .. | 16.1 | 0 | 11 | 20 | 06 | 3 | 0 | 0 | 0 | 1 | 5 | 16 | 0 | 0 |
| | 0230 | 14 | 1009.5 | 1007.8 | -0.4 | 22.3 | 19.4 | 17.5 | 20.2 | 75 | .. | 0.5 | .. | 2.2 | 0 | 0 | 11 | 04 | 3 | 2 | 0 | 0 | 0 | 1 | 1 | 20 | 0 |
| | 0530 | 14 | 1009.3 | 1007.6 | .. | 21.3 | 19.1 | 17.6 | 20.2 | 80 | .. | 0.6 | .. | 2.5 | 0 | 0 | 13 | 03 | 1 | 6 | 1 | 1 | 0 | 0 | 1 | 18 | 0 |
| | 0830 | 14 | 1011.4 | 1009.7 | -0.6 | 25.0 | 20.2 | 16.9 | 19.7 | 63 | - 2 | 1.2 | -0.3 | 4.0 | 0 | 0 | 19 | 04 | 2 | 6 | 4 | 2 | 0 | 0 | 1 | 12 | 0 |
| | 1130 | 14 | 1011.6 | 1009.9 | .. | 31.0 | 21.5 | 15.1 | 17.8 | 41 | .. | 1.3 | .. | 11.7 | 0 | 3 | 26 | 05 | 1 | 1 | 0 | 1 | 0 | 7 | 14 | 2 | 0 |
| | 1430 | 14 | 1008.8 | 1007.2 | .. | 31.4 | 22.3 | 16.8 | 19.5 | 44 | .. | 1.1 | .. | 18.2 | 0 | 11 | 20 | 02 | 0 | 0 | 0 | 0 | 0 | 7 | 22 | 0 | 0 |
| | 1730 | 14 | 1008.0 | 1006.4 | -0.7 | 29.4 | 21.9 | 17.3 | 19.7 | 50 | + 0 | 1.2 | +0.0 | 17.1 | 0 | 13 | 18 | 08 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 0 | 0 |
| | 2030 | 14 | 1009.7 | 1008.0 | .. | 26.1 | 21.3 | 18.6 | 21.4 | 64 | .. | 0.7 | .. | 9.6 | 0 | 1 | 27 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 3 | 0 |
| | 2330 | 14 | 1010.7 | 1009.0 | .. | 23.9 | 20.5 | 18.3 | 21.3 | 72 | .. | 0.5 | .. | 3.1 | 0 | 0 | 13 | 05 | 3 | 1 | 1 | 1 | 1 | 0 | 1 | 18 | 0 |
| Bombay | 0830 | 11 | 1011.2 | 1010.0 | -0.7 | 25.0 | 21.2 | 19.0 | 22.1 | 70 | - 2 | 1.4 | +0.1 | 7.0 | 0 | 1 | 29 | 12 | 3 | 7 | 5 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 1130 | 11 | 1011.6 | 1010.4 | .. | 29.5 | 22.4 | 18.2 | 21.3 | 52 | .. | 1.0 | .. | 9.4 | 0 | 0 | 31 | 07 | 0 | 2 | 6 | 1 | 2 | 1 | 10 | 0 | 2 |
| | 1730 | 11 | 1008.1 | 1006.9 | -0.7 | 28.5 | 23.1 | 20.2 | 23.8 | 61 | - 2 | 1.0 | +0.1 | 16.6 | 0 | 13 | 18 | 03 | 0 | 0 | 0 | 0 | 1 | 6 | 21 | 0 | 0 |
| Alibag | 0830 | 7 | 1011.1 | 1010.3 | -1.1 | 24.5 | 21.9 | 20.4 | 24.1 | 78 | + 7 | 1.5 | +0.3 | 5.2 | 0 | 0 | 23 | 07 | 8 | 7 | 1 | 0 | 0 | 0 | 0 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA) .

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA)(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhira | 0830 | 96 | 1010.8 | 1000.8 | .. | 27.9 | 17.6 | 9.0 | 11.8 | 32 | .. | 1.1 | .. | 1.4 | 0 | 0 | 9 | 02 | 1 | 0 | 2 | 0 | 0 | 2 | 2 | 22 | 0 |
| | 1730 | 96 | 1006.1 | 995.7 | .. | 35.6 | 21.8 | 12.4 | 14.9 | 26 | .. | 0.9 | .. | 4.0 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 24 | 1 | 4 | 2 | 0 |
| Harnai | 0830 | 20 | 1011.0 | 1008.7 | -0.4 | 25.9 | 22.0 | 19.4 | 23.2 | 70 | + 1 | 1.8 | +0.1 | 9.4 | 0 | 5 | 18 | 05 | 6 | 5 | 4 | 3 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 20 | 1008.2 | 1005.9 | -0.4 | 27.9 | 24.6 | 23.0 | 28.1 | 76 | + 1 | 1.2 | -0.5 | 29.3 | 1 | 18 | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 6 | 11 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1011.0 | 1007.0 | -0.6 | 24.6 | 21.2 | 19.3 | 22.4 | 73 | - 1 | 1.7 | -0.3 | 4.1 | 0 | 0 | 23 | 00 | 4 | 13 | 6 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 35 | 1007.9 | 1004.0 | -0.3 | 29.2 | 23.7 | 20.9 | 24.7 | 61 | - 3 | 1.2 | -0.7 | 8.5 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 3 | 15 | 13 | 0 | 0 |
| Devgarh | 0830 | 36 | 1010.8 | 1006.7 | -1.0 | 25.0 | 22.3 | 20.9 | 24.7 | 78 | + 1 | 2.7 | +0.2 | 9.0 | 0 | 2 | 28 | 02 | 7 | 19 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 36 | 1007.9 | 1003.9 | -0.6 | 29.4 | 24.8 | 22.6 | 27.6 | 67 | - 1 | 1.1 | -0.8 | 26.3 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 5 | 26 | 0 | 0 |
| Vengurla | 0230 | 9 | 1009.3 | 1008.3 | .. | 23.3 | 21.3 | 20.2 | 23.7 | 83 | .. | 0.8 | .. | 0.5 | 0 | 0 | 3 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0530 | 9 | 1009.0 | 1008.0 | .. | 22.3 | 20.9 | 20.1 | 23.5 | 87 | .. | 1.2 | .. | 1.1 | 0 | 0 | 7 | 06 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 0830 | 9 | 1011.4 | 1010.4 | -0.7 | 24.6 | 21.9 | 20.4 | 24.1 | 78 | + 3 | 1.6 | -0.3 | 3.5 | 0 | 0 | 18 | 10 | 2 | 1 | 0 | 1 | 1 | 1 | 2 | 13 | 0 |
| | 1130 | 9 | 1011.5 | 1010.5 | .. | 30.3 | 24.1 | 21.0 | 25.0 | 58 | .. | 0.8 | .. | 9.5 | 0 | 1 | 30 | 01 | 1 | 0 | 0 | 3 | 13 | 12 | 1 | 0 | 0 |
| | 1730 | 9 | 1008.1 | 1007.1 | -0.6 | 29.4 | 23.9 | 21.0 | 25.2 | 61 | - 1 | 1.2 | -0.4 | 10.3 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 4 | 23 | 4 | 0 | 0 |
| | 2330 | 9 | 1010.7 | 1009.7 | .. | 25.0 | 22.2 | 20.7 | 24.4 | 78 | .. | 0.8 | .. | 2.6 | 0 | 0 | 15 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 16 | 0 |
| Panjim | 0530 | 60 | 1008.8 | 1001.9 | .. | 23.7 | 21.9 | 20.9 | 24.7 | 85 | .. | 1.2 | .. | 6.4 | 0 | 1 | 27 | 06 | 7 | 10 | 5 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 0830 | 60 | 1011.0 | 1004.2 | .. | 24.5 | 22.1 | 20.8 | 24.7 | 80 | .. | 2.8 | .. | 6.2 | 0 | 0 | 27 | 03 | 10 | 8 | 5 | 1 | 0 | 0 | 0 | 4 | 0 |
| | 1130 | 60 | 1011.3 | 1004.6 | .. | 30.1 | 23.5 | 20.1 | 23.5 | 56 | .. | 1.9 | .. | 10.9 | 0 | 0 | 31 | 03 | 1 | 0 | 2 | 1 | 6 | 15 | 3 | 0 | 0 |
| | 1430 | 60 | 1008.7 | 1002.1 | .. | 30.7 | 24.2 | 21.0 | 24.9 | 57 | .. | 1.6 | .. | 18.8 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 0 | 4 | 24 | 3 | 0 | 0 |
| | 1730 | 60 | 1007.8 | 1001.1 | .. | 29.4 | 23.8 | 21.1 | 24.9 | 61 | .. | 2.0 | .. | 16.6 | 0 | 7 | 24 | 01 | 0 | 0 | 0 | 0 | 1 | 16 | 13 | 0 | 0 |
| | 2030 | 60 | 1009.4 | 1002.7 | .. | 27.0 | 23.3 | 21.3 | 25.6 | 71 | .. | 0.7 | .. | 10.5 | 0 | 0 | 30 | 08 | 0 | 0 | 0 | 0 | 1 | 2 | 19 | 1 | 0 |
| | 2330 | 60 | 1010.3 | 1003.5 | .. | 25.9 | 22.6 | 20.8 | 24.7 | 74 | .. | 0.9 | .. | 6.8 | 0 | 0 | 27 | 16 | 4 | 0 | 0 | 1 | 0 | 1 | 5 | 4 | 0 |
| Mormugao | 0530 | 62 | 1008.4 | 1001.4 | .. | 25.1 | 22.8 | 21.6 | 25.9 | 81 | .. | 1.8 | .. | 13.0 | 0 | 7 | 23 | 09 | 9 | 3 | 7 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 0830 | 62 | 1010.5 | 1003.6 | -1.2 | 26.3 | 23.2 | 21.6 | 25.9 | 76 | + 3 | 2.5 | +0.1 | 10.0 | 0 | 3 | 25 | 09 | 8 | 2 | 1 | 7 | 0 | 0 | 1 | 3 | 0 |
| | 1130 | 62 | 1010.8 | 1003.9 | .. | 28.7 | 23.8 | 21.3 | 25.3 | 65 | .. | 1.5 | .. | 14.8 | 0 | 6 | 25 | 01 | 0 | 0 | 0 | 2 | 11 | 4 | 13 | 0 | 0 |
| | 1730 | 62 | 1007.3 | 1000.4 | -0.9 | 28.6 | 24.4 | 22.3 | 27.1 | 68 | - 1 | 2.0 | +0.0 | 21.6 | 0 | 15 | 16 | 01 | 0 | 0 | 0 | 0 | 4 | 10 | 16 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1008.9 | 1003.0 | .. | 24.3 | 22.3 | 21.3 | 25.3 | 83 | .. | 2.3 | .. | 6.4 | 0 | 3 | 7 | 03 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 52 | 1011.2 | 1005.4 | .. | 25.8 | 22.8 | 21.3 | 25.3 | 77 | .. | 2.9 | .. | 8.2 | 0 | 3 | 17 | 06 | 6 | 1 | 3 | 3 | 1 | 0 | 0 | 11 | 0 |
| | 1130 | 52 | 1011.6 | 1005.8 | .. | 29.1 | 23.6 | 20.8 | 24.6 | 62 | .. | 2.3 | .. | 15.3 | 0 | 4 | 24 | 03 | 0 | 0 | 0 | 3 | 9 | 3 | 10 | 3 | 0 |
| | 1730 | 52 | 1007.9 | 1002.1 | .. | 29.2 | 23.9 | 21.3 | 25.3 | 63 | .. | 2.2 | .. | 24.7 | 0 | 23 | 8 | 05 | 0 | 0 | 0 | 0 | 0 | 7 | 19 | 0 | 0 |
| | 2330 | 52 | 1010.8 | 1004.6 | .. | 26.6 | 23.3 | 21.7 | 26.0 | 75 | .. | 2.3 | .. | 11.7 | 0 | 6 | 15 | 16 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 10 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1011.8 | 988.4 | -0.9 | 24.7 | 15.9 | 6.9 | 10.9 | 36 | -10 | 0.0 | -0.9 | 12.8 | 0 | 5 | 26 | 00 | 0 | 14 | 0 | 0 | 7 | 10 | 0 | 0 | 0 |
| | 1730 | 206 | 1006.3 | 983.7 | -1.1 | 35.0 | 19.9 | 7.7 | 10.9 | 20 | + 0 | 0.0 | -1.2 | 10.0 | 0 | 0 | 31 | 04 | 0 | 5 | 0 | 3 | 1 | 16 | 2 | 0 | 0 |
| Jalgaon | 0830 | 201 | 1011.9 | 988.8 | +0.0 | 22.3 | 13.9 | 3.6 | 9.1 | 35 | - 3 | 1.3 | +0.3 | 11.0 | 0 | 3 | 25 | 01 | 1 | 7 | 4 | 1 | 4 | 7 | 3 | 3 | 0 |
| | 1730 | 201 | 1006.2 | 984.2 | -0.2 | 35.2 | 18.3 | 0.6 | 7.3 | 15 | + 2 | 1.8 | +0.3 | 13.7 | 0 | 8 | 21 | 06 | 1 | 4 | 2 | 0 | 2 | 6 | 8 | 2 | 0 |
| Malegaon | 0830 | 437 | 1012.2 | 962.9 | -0.2 | 22.0 | 14.3 | 6.2 | 10.1 | 39 | + 4 | 1.5 | +0.4 | 5.0 | 0 | 0 | 30 | 02 | 1 | 0 | 0 | 1 | 7 | 9 | 10 | 1 | 0 |
| | 1730 | 437 | 1005.2 | 958.0 | -0.8 | 34.7 | 18.9 | 4.8 | 9.0 | 17 | - 1 | 1.5 | 0.0 | 9.9 | 0 | 1 | 30 | 03 | 7 | 5 | 0 | 1 | 0 | 8 | 7 | 0 | 0 |
| Ozar | 0830 | 608 | D.N. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 608 | 1010.1 | 944.3 | .. | 30.7 | 16.9 | 5.2 | 9.2 | 22 | .. | 0.0 | .. | 16.1 | 0 | 10 | 12 | 00 | 4 | 1 | 11 | 0 | 1 | 2 | 3 | 0 | 0 |
| | 1730 | 608 | D.N. | | | | | | | | | | | | | | | | | | | | | | | | |
| Ahmadnagar | 0830 | 657 | 1011.7 | 938.8 | -0.3 | 22.6 | 13.4 | 4.5 | 8.7 | 32 | - 2 | 1.7 | +0.7 | 5.1 | 0 | 0 | 22 | 06 | 4 | 0 | 0 | 3 | 0 | 1 | 8 | 9 | 0 |
| | 1730 | 657 | 1004.3 | 934.6 | -0.4 | 34.4 | 18.3 | 5.5 | 9.3 | 17 | + 0 | 3.2 | +1.1 | 8.8 | 0 | 1 | 27 | 00 | 8 | 0 | 1 | 0 | 8 | 0 | 11 | 3 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1009.6 | 943.3 | .. | 21.2 | 13.9 | 7.3 | 10.7 | 43 | .. | 0.7 | .. | 9.7 | 0 | 1 | 21 | 00 | 0 | 0 | 0 | 0 | 1 | 20 | 1 | 9 | 0 |
| | 0530 | 593 | 1010.0 | 943.2 | .. | 19.0 | 12.9 | 7.3 | 10.5 | 48 | .. | 0.5 | .. | 6.8 | 0 | 2 | 16 | 00 | 0 | 0 | 0 | 2 | 1 | 15 | 0 | 13 | 0 |
| | 0830 | 593 | 1011.5 | 945.2 | .. | 21.7 | 14.2 | 7.2 | 10.7 | 42 | .. | 1.1 | .. | 7.2 | 0 | 2 | 17 | 00 | 3 | 1 | 0 | 0 | 1 | 12 | 2 | 12 | 0 |
| | 1130 | 593 | 1009.7 | 945.3 | .. | 30.6 | 16.7 | 3.2 | 8.9 | 19 | .. | 1.1 | .. | 13.5 | 0 | 6 | 22 | 00 | 3 | 14 | 4 | 0 | 0 | 6 | 1 | 3 | 0 |
| | 1730 | 593 | 1004.6 | 941.2 | .. | 33.5 | 17.8 | 2.1 | 8.9 | 15 | .. | 2.3 | .. | 19.2 | 0 | 16 | 15 | 01 | 0 | 2 | 1 | 2 | 2 | 22 | 1 | 0 | 0 |
| | 2330 | 593 | 1010.2 | 944.4 | .. | 23.5 | 15.2 | 8.1 | 11.2 | 40 | .. | 0.6 | .. | 13.1 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 1 | 27 | 1 | 1 | 1 |
| Poona | 0530 | 559 | 1010.7 | 947.3 | .. | 17.2 | 12.1 | 7.3 | 10.4 | 54 | .. | 0.7 | .. | 0.4 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 0830 | 559 | 1012.0 | 949.4 | -0.4 | 21.6 | 14.8 | 9.2 | 11.9 | 47 | + 3 | 1.0 | +0.1 | 1.4 | 0 | 0 | 10 | 00 | 2 | 3 | 0 | 1 | 0 | 2 | 2 | 21 | 0 |
| | 1130 | 559 | 1009.8 | 949.2 | .. | 31.2 | 17.3 | 5.5 | 9.6 | 22 | .. | 0.9 | .. | 7.3 | 0 | 0 | 30 | 03 | 2 | 17 | 3 | 0 | 0 | 2 | 3 | 1 | 0 |
| | 1430 | 559 | 1005.7 | 945.9 | .. | 34.5 | 18.4 | 5.6 | 9.4 | 18 | .. | 2.4 | .. | 9.3 | 0 | 1 | 29 | 03 | 3 | 5 | 1 | 2 | 1 | 12 | 3 | 1 | 0 |
| | 1730 | 559 | 1004.8 | 945.0 | -0.6 | 33.8 | 18.4 | 6.3 | 9.9 | 19 | - 1 | 1.8 | +0.0 | 10.8 | 0 | 3 | 27 | 01 | 3 | 0 | 0 | 0 | 0 | 18 | 8 | 1 | 0 |
| | 2030 | 559 | 1008.5 | 947.3 | .. | 27.9 | 17.3 | 9.3 | 11.9 | 33 | .. | 1.2 | .. | 7.2 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 1 | 21 | 6 | 3 | 0 |
| | 2330 | 559 | 1010.4 | 948.3 | .. | 23.6 | 15.6 | 9.2 | 11.9 | 42 | .. | 1.0 | .. | 2.2 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 21 | 0 |
| Jeur | 0830 | 521 | 1011.0 | 952.9 | -0.7 | 23.5 | 14.3 | 6.0 | 9.7 | 34 | - 8 | 1.6 | +0.4 | 4.3 | 0 | 0 | 24 | 07 | 3 | 3 | 2 | 1 | 0 | 3 | 5 | 7 | 0 |
| | 1730 | 521 | 1003.7 | 948.2 | -0.8 | 35.7 | 18.6 | 5.3 | 8.9 | 16 | - 8 | 2.5 | +0.2 | 10.5 | 0 | 3 | 28 | 01 | 3 | 7 | 3 | 1 | 5 | 8 | 3 | 0 | 0 |
| Baramati | 0830 | 551 | 1011.8 | 950.2 | -0.7 | 22.9 | 16.2 | 11.2 | 13.6 | 48 | + 3 | 1.1 | +0.0 | 7.1 | 0 | 1 | 30 | 04 | 0 | 1 | 3 | 3 | 10 | 4 | 6 | 0 | 0 |
| | 1730 | 551 | 1004.2 | 945.5 | -0.7 | 34.7 | 21.4 | 13.4 | 15.7 | 29 | + 7 | 1.3 | -0.8 | 12.5 | 0 | 5 | 23 | 01 | 1 | 3 | 6 | 4 | 4 | 6 | 3 | 3 | 0 |
| Sholapur | 0530 | 479 | 1009.0 | 955.6 | .. | 23.6 | 15.1 | 8.1 | 10.9 | 39 | .. | 1.1 | .. | 6.3 | 0 | 3 | 16 | 05 | 5 | 1 | 3 | 0 | 0 | 2 | 3 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA) .

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sholapur (Contd.) | 0830 | 479 | 1010.8 | 957.8 | -0.5 | 26.4 | 16.5 | 8.7 | 11.5 | 34 | - 2 | 0.7 | -0.4 | 8.8 | 0 | 1 | 27 | 04 | 9 | 0 | 7 | 1 | 2 | 1 | 4 | 3 | 0 |
| | 1130 | 479 | 1009.3 | 957.5 | .. | 33.5 | 19.4 | 9.8 | 12.2 | 24 | .. | 1.0 | .. | 12.7 | 0 | 5 | 26 | 05 | 3 | 3 | 10 | 3 | 2 | 0 | 5 | 0 | 0 |
| | 1430 | 479 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 479 | 1004.2 | 953.1 | -0.5 | 36.0 | 20.0 | 9.0 | 11.6 | 20 | + 1 | 2.2 | -0.2 | 5.7 | 0 | 1 | 27 | 04 | 5 | 2 | 3 | 4 | 4 | 5 | 1 | 3 | 0 |
| | 2330 | 479 | 1008.7 | 956.0 | .. | 28.0 | 16.8 | 8.3 | 10.9 | 30 | .. | 1.3 | .. | 9.4 | 0 | 4 | 26 | 05 | 6 | 3 | 4 | 4 | 0 | 2 | 6 | 1 | 0 |
| Miraj | 0830 | 554 | 1011.7 | 949.9 | -0.2 | 22.5 | 17.5 | 14.2 | 16.4 | 61 | + 7 | 2.8 | +1.7 | .. | . | .. | .. | 00 | 0 | 3 | 0 | 0 | 1 | 4 | 0 | 23 | 0 |
| Kolhapur | 1730 | 554 | 1004.2 | 945.3 | -0.3 | 35.1 | 22.6 | 16.0 | 18.3 | 32 | + 7 | 3.3 | +1.0 | .. | . | .. | .. | 00 | 1 | 4 | 0 | 0 | 0 | 11 | 3 | 12 | 0 |
| | 0530 | 570 | 1009.5 | 945.5 | .. | 19.8 | 16.4 | 13.9 | 16.2 | 70 | .. | 1.4 | .. | 4.2 | 0 | 0 | 24 | 00 | 1 | 5 | 0 | 0 | 3 | 15 | 0 | 7 | 0 |
| | 0830 | 570 | 1011.2 | 947.6 | -0.9 | 22.4 | 17.0 | 13.2 | 15.5 | 59 | + 4 | 1.5 | +0.2 | 3.7 | 0 | 0 | 20 | 01 | 1 | 2 | 2 | 1 | 0 | 16 | 2 | 11 | 1 |
| | 1130 | 570 | 1009.2 | 947.6 | .. | 31.8 | 18.8 | 9.6 | 12.2 | 27 | .. | 0.9 | .. | 8.8 | 0 | 1 | 29 | 04 | 7 | 6 | 5 | 0 | 0 | 4 | 3 | 1 | 1 |
| | 1730 | 570 | 1004.5 | 943.6 | -0.6 | 33.0 | 20.8 | 13.3 | 15.6 | 32 | + 6 | 1.5 | -0.3 | 14.6 | 0 | 5 | 26 | 02 | 8 | 0 | 2 | 2 | 1 | 20 | 4 | 0 | 0 |
| | 2330 | 570 | 1010.1 | 946.8 | .. | 23.1 | 18.8 | 16.1 | 18.5 | 66 | .. | 0.8 | .. | 9.7 | 0 | 2 | 29 | 00 | 0 | 1 | 0 | 1 | 0 | 27 | 2 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1011.5 | 947.3 | -0.4 | 25.3 | 14.0 | 1.8 | 7.7 | 26 | - 7 | 1.3 | +0.2 | 7.4 | 0 | 3 | 19 | 04 | 5 | 8 | 0 | 1 | 0 | 2 | 2 | 9 | 0 |
| Aurangabad (Chikalthan) | 1730 | 581 | 1005.3 | 943.2 | -0.4 | 34.0 | 17.1 | 1.3 | 7.2 | 14 | - 4 | 2.0 | +0.0 | 8.3 | 0 | 1 | 29 | 01 | 5 | 3 | 6 | 2 | 6 | 3 | 4 | 1 | 0 |
| | 0230 | 579 | 1009.5 | 944.7 | .. | 20.8 | 12.5 | 3.5 | 8.5 | 35 | .. | 1.2 | .. | 6.9 | 0 | 1 | 17 | 02 | 3 | 0 | 0 | 0 | 0 | 7 | 6 | 13 | 0 |
| | 0530 | 579 | 1010.1 | 944.7 | .. | 18.5 | 11.5 | 3.5 | 8.5 | 40 | .. | 1.0 | .. | 3.7 | 0 | 0 | 12 | 01 | 0 | 3 | 0 | 0 | 0 | 6 | 2 | 19 | 0 |
| | 0830 | 579 | 1011.1 | 946.9 | -0.6 | 24.9 | 15.1 | 6.1 | 10.1 | 33 | - 4 | 1.4 | +0.4 | 9.2 | 0 | 4 | 16 | 04 | 2 | 5 | 1 | 0 | 0 | 3 | 5 | 11 | 0 |
| | 1130 | 579 | 1009.7 | 946.9 | .. | 31.1 | 17.6 | 5.4 | 10.3 | 24 | .. | 1.0 | .. | 14.3 | 0 | 4 | 25 | 07 | 6 | 4 | 5 | 1 | 1 | 3 | 2 | 2 | 0 |
| | 1430 | 579 | 1005.8 | 943.9 | .. | 34.0 | 19.0 | 6.7 | 11.0 | 22 | .. | 2.3 | .. | 14.8 | 0 | 6 | 25 | 06 | 6 | 3 | 5 | 1 | 3 | 4 | 3 | 0 | 0 |
| | 1730 | 579 | 1004.8 | 942.3 | -1.1 | 33.7 | 18.8 | 6.9 | 10.8 | 22 | - 2 | 2.6 | +0.5 | 12.1 | 0 | 2 | 28 | 08 | 2 | 1 | 2 | 2 | 3 | 6 | 6 | 1 | 0 |
| | 2030 | 579 | 1008.1 | 944.6 | .. | 27.2 | 16.0 | 5.8 | 10.0 | 28 | .. | 1.7 | .. | 10.3 | 0 | 2 | 23 | 11 | 3 | 3 | 0 | 0 | 0 | 4 | 4 | 6 | 0 |
| | 2330 | 579 | 1009.7 | 945.5 | .. | 23.5 | 14.0 | 4.4 | 9.1 | 32 | .. | 1.5 | .. | 8.1 | 0 | 6 | 10 | 05 | 2 | 3 | 0 | 0 | 0 | 0 | 6 | 15 | 0 |
| Parbhani | 0830 | 423 | 1011.8 | 964.6 | -0.2 | 24.5 | 14.8 | 4.1 | 9.0 | 30 | - 4 | 1.3 | +0.0 | 5.2 | 0 | 0 | 28 | 00 | 6 | 1 | 3 | 1 | 1 | 6 | 10 | 3 | 0 |
| | 1730 | 423 | 1005.3 | 959.8 | -0.4 | 35.2 | 18.8 | 2.8 | 8.4 | 16 | - 2 | 2.4 | +0.1 | 6.8 | 0 | 2 | 27 | 04 | 6 | 1 | 3 | 3 | 0 | 9 | 3 | 2 | 0 |
| Nander | 0830 | 358 | 1011.5 | 971.3 | .. | 24.9 | 17.0 | 10.3 | 12.9 | 42 | .. | 1.3 | .. | 3.6 | 0 | 0 | 18 | 00 | 1 | 1 | 4 | 0 | 5 | 2 | 5 | 13 | 0 |
| | 1730 | 358 | 1005.7 | 966.9 | .. | 35.2 | 21.3 | 11.6 | 13.9 | 26 | .. | 2.4 | .. | 5.2 | 0 | 0 | 23 | 00 | 4 | 1 | 4 | 0 | 8 | 4 | 2 | 8 | 0 |
| Bir | 0830 | 519 | 1012.3 | 954.3 | .. | 22.5 | 15.8 | 10.1 | 13.0 | 47 | .. | 1.1 | .. | 5.3 | 0 | 1 | 25 | 00 | 3 | 0 | 6 | 1 | 3 | 0 | 13 | 5 | 0 |
| | 1730 | 519 | 1005.8 | 950.2 | .. | 34.8 | 20.9 | 12.0 | 14.5 | 27 | .. | 1.4 | .. | 7.7 | 0 | 0 | 30 | 00 | 9 | 0 | 7 | 0 | 5 | 1 | 8 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1011.6 | 976.3 | -0.7 | 24.8 | 16.0 | 7.5 | 11.1 | 33 | -11 | 1.3 | -0.4 | 2.2 | 0 | 0 | 22 | 07 | 2 | 1 | 2 | 2 | 2 | 0 | 6 | 9 | 0 |
| Nagpur (Sonegaon) | 1730 | 313 | 1005.9 | 971.8 | -0.7 | 34.3 | 20.4 | 9.1 | 12.6 | 25 | + 5 | 1.6 | -0.4 | 2.8 | 0 | 0 | 27 | 11 | 0 | 0 | 0 | 4 | 4 | 5 | 3 | 4 | 0 |
| | 0230 | 310 | 1008.7 | 973.6 | .. | 22.2 | 13.7 | 4.4 | 8.8 | 31 | .. | 1.7 | .. | 3.7 | 0 | 0 | 23 | 07 | 3 | 0 | 1 | 0 | 1 | 2 | 9 | 8 | 0 |
| | 0530 | 310 | 1009.4 | 974.0 | .. | 20.3 | 12.9 | 4.3 | 8.4 | 38 | .. | 1.8 | .. | 3.7 | 0 | 0 | 24 | 06 | 3 | 1 | 1 | 0 | 3 | 1 | 9 | 7 | 0 |
| | 0830 | 310 | 1011.5 | 976.5 | -0.6 | 25.8 | 15.1 | 3.7 | 8.5 | 27 | -13 | 1.7 | +0.0 | 3.9 | 0 | 0 | 21 | 09 | 4 | 3 | 3 | 0 | 0 | 2 | 0 | 10 | 0 |
| | 1130 | 310 | 1010.1 | 976.2 | .. | 33.5 | 18.3 | 3.9 | 8.7 | 18 | .. | 1.5 | .. | 4.6 | 0 | 0 | 25 | 02 | 5 | 3 | 3 | 2 | 2 | 2 | 6 | 6 | 0 |
| | 1430 | 310 | 1006.4 | 972.8 | .. | 35.8 | 19.0 | 3.7 | 8.3 | 15 | .. | 2.1 | .. | 6.0 | 0 | 0 | 25 | 03 | 1 | 3 | 2 | 1 | 2 | 2 | 10 | 6 | 1 |
| | 1730 | 310 | 1005.4 | 971.7 | -0.6 | 34.8 | 18.6 | 3.4 | 8.2 | 16 | - 8 | 2.6 | +0.2 | 5.0 | 0 | 1 | 22 | 02 | 3 | 2 | 2 | 1 | 1 | 4 | 8 | 8 | 0 |
| | 2030 | 310 | 1008.2 | 973.7 | .. | 27.3 | 16.3 | 5.3 | 9.7 | 26 | .. | 2.0 | .. | 3.9 | 0 | 1 | 18 | 02 | 2 | 3 | 4 | 2 | 0 | 1 | 5 | 12 | 0 |
| | 2330 | 310 | 1009.3 | 974.4 | .. | 24.4 | 14.8 | 4.7 | 9.1 | 31 | .. | 2.0 | .. | 5.6 | 0 | 2 | 22 | 09 | 3 | 1 | 0 | 1 | 1 | 1 | 8 | 7 | 0 |
| Amravati | 0830 | 370 | 1011.1 | 969.7 | -0.4 | 25.7 | 15.0 | 3.2 | 8.4 | 26 | - 7 | 1.3 | -0.1 | 3.7 | 0 | 0 | 29 | 04 | 8 | 6 | 2 | 3 | 5 | 0 | 1 | 2 | 0 |
| Akola Aerodrome | 1730 | 370 | 1005.2 | 965.3 | -0.4 | 35.1 | 19.4 | 5.3 | 9.7 | 18 | - 7 | 1.8 | -0.9 | 6.5 | 0 | 0 | 30 | 03 | 3 | 2 | 2 | 3 | 5 | 6 | 6 | 1 | 0 |
| | 0530 | 309 | 1008.8 | 973.6 | .. | 20.5 | 12.1 | 0.6 | 7.4 | 32 | .. | 0.7 | .. | 7.2 | 0 | 0 | 31 | 01 | 4 | 4 | 1 | 4 | 9 | 4 | 4 | 0 | 0 |
| | 0830 | 309 | 1011.0 | 976.0 | .. | 24.1 | 14.0 | 1.9 | 7.8 | 27 | .. | 1.7 | .. | 6.6 | 0 | 0 | 30 | 04 | 5 | 2 | 1 | 3 | 2 | 5 | 8 | 1 | 0 |
| | 1130 | 309 | 1009.7 | 975.8 | .. | 31.9 | 17.4 | 2.3 | 8.1 | 19 | .. | 1.2 | .. | 9.2 | 0 | 0 | 31 | 04 | 8 | 4 | 1 | 1 | 2 | 3 | 7 | 0 | 1 |
| | 1430 | 309 | 1006.1 | 972.6 | .. | 35.3 | 18.6 | 2.2 | 7.9 | 16 | .. | 1.9 | .. | 10.0 | 0 | 1 | 30 | 04 | 5 | 3 | 1 | 3 | 6 | 3 | 5 | 0 | 1 |
| | 1730 | 309 | 1005.0 | 971.5 | .. | 35.0 | 18.4 | 1.5 | 7.7 | 15 | .. | 2.3 | .. | 9.4 | 0 | 2 | 28 | 02 | 2 | 1 | 2 | 2 | 4 | 6 | 10 | 1 | 1 |
| | 2030 | 309 | 1007.3 | 973.1 | .. | 29.6 | 16.1 | 0.7 | 7.4 | 19 | .. | 1.5 | .. | 7.9 | 0 | 0 | 31 | 04 | 1 | 1 | 4 | 2 | 2 | 3 | 14 | 0 | 0 |
| | 2330 | 309 | 1008.4 | 973.8 | .. | 26.0 | 14.7 | 1.0 | 7.2 | 24 | .. | 1.6 | .. | 10.4 | 0 | 2 | 28 | 05 | 8 | 2 | 1 | 2 | 2 | 3 | 6 | 1 | 1 |
| Akola | 0830 | 282 | 1011.7 | 979.9 | +0.2 | 24.3 | 15.4 | 7.0 | 10.2 | 36 | + 2 | 1.1 | +0.0 | 0.8 | 0 | 0 | 12 | 00 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 19 | 0 |
| Bramhapuri | 1730 | 282 | 1005.4 | 974.8 | -0.3 | 36.2 | 20.2 | 8.4 | 11.5 | 21 | + 3 | 2.4 | +0.7 | 1.4 | 0 | 0 | 19 | 00 | 0 | 4 | 2 | 0 | 1 | 10 | 2 | 12 | 0 |
| | 0830 | 229 | 1011.5 | 985.5 | -1.2 | 23.9 | 16.0 | 9.1 | 11.8 | 42 | +12 | 1.8 | -0.1 | 3.0 | 0 | 0 | 30 | 08 | 6 | 2 | 4 | 4 | 2 | 1 | 3 | 1 | 0 |
| | 1730 | 229 | 1005.8 | 980.9 | -1.5 | 35.8 | 20.4 | 8.5 | 11.4 | 20 | - 6 | 1.5 | -0.6 | 2.9 | 0 | 0 | 26 | 08 | 5 | 0 | 1 | 2 | 2 | 3 | 5 | 5 | 0 |
| Buldana | 0830 | 650 | 1011.0 | 939.1 | -0.2 | 23.8 | 13.9 | 3.3 | 8.7 | 32 | -10 | 1.2 | -0.2 | 12.2 | 0 | 4 | 26 | 05 | 3 | 2 | 2 | 5 | 1 | 0 | 12 | 1 | 0 |
| | 1730 | 650 | 1005.0 | 935.4 | -0.6 | 31.9 | 17.0 | 3.3 | 8.5 | 20 | - 7 | 2.0 | -0.2 | 5.9 | 0 | 0 | 29 | 01 | 8 | 1 | 0 | 0 | 2 | 0 | 17 | 2 | 0 |
| Yeotmal | 0830 | 451 | 1010.9 | 960.7 | -0.5 | 26.3 | 16.0 | 8.3 | 9.8 | 31 | - 6 | 1.8 | -0.8 | 8.8 | 0 | 3 | 27 | 06 | 4 | 6 | 3 | 2 | 4 | 2 | 3 | 1 | 0 |
| | 1730 | 451 | 1005.1 | 956.6 | -0.4 | 34.3 | 19.5 | 6.8 | 10.7 | 21 | - 3 | 2.4 | -0.5 | 6.5 | 0 | 1 | 29 | 03 | 3 | 6 | 3 | 4 | 3 | 7 | 1 | 1 | 0 |
| Chanda | 0830 | 193 | 1010.9 | 989.1 | -0.3 | 26.3 | 15.7 | 8.5 | 10.1 | 33 | -13 | 2.8 | +0.6 | 5.7 | 0 | 0 | 28 | 04 | 3 | 3 | 2 | 3 | 1 | 4 | 8 | 3 | 0 |
| | 1730 | 193 | 1005.5 | 984.4 | -0.9 | 35.9 | 19.2 | 4.1 | 8.7 | 14 | - 8 | 2.8 | +0.7 | 6.0 | 0 | 0 | 31 | 06 | 5 | 2 | 1 | 3 | 6 | 3 | 7 | 0 | 0 |
| Pusad | 0830 | 334 | 1012.1 | 974.6 | .. | 25.0 | 15.6 | 6.8 | 10.2 | 33 | .. | . | .. | 7.7 | 0 | 0 | 30 | 03 | 1 | 0 | 6 | 1 | 2 | 1 | 16 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BARWA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pusad (Contd.) | 1730 | 334 | .. | .. | .. | 34.6 | 22.0 | 10.7 | 14.2 | 32 | .. | . | .. | 7.1 | 0 | 1 | 29 | 00 | 9 | 0 | 7 | 2 | 8 | 1 | 3 | 1 | 0 |
| Sirsocha | 0830 | 123 | 1011.9 | 997.9 | -0.6 | 25.8 | 19.1 | 14.3 | 16.7 | 51 | - 6 | 1.5 | -0.2 | 2.5 | 0 | 0 | 25 | 01 | 6 | 1 | 16 | 0 | 0 | 0 | 1 | 6 | 0 |
| | 1730 | 123 | 1005.8 | 992.4 | -0.8 | 36.5 | 21.3 | 10.4 | 12.9 | 22 | - 1 | 1.6 | -0.4 | 2.0 | 0 | 0 | 27 | 05 | 2 | 1 | 3 | 1 | 10 | 0 | 5 | 4 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1011.5 | 1010.8 | -0.6 | 26.6 | 23.4 | 21.8 | 26.1 | 75 | - 4 | 1.6[a] | -1.1 | 10.3[a] | 0 | 2 | 28 | 00 | 0 | 0 | 1 | 8 | 8 | 3 | 8 | 0 | 2 |
| | 1730 | 6 | 1007.5 | 1006.9 | -1.0 | 28.6 | 24.7 | 22.9 | 27.9 | 72 | + 0 | 1.1[b] | -1.8 | 17.8[b] | 0 | 14 | 15 | 00 | 0 | 0 | 3 | 11 | 10 | 0 | 0 | 0 | 5 |
| Vishakhapatnam | 0230 | 3 | 1009.1 | 1008.7 | .. | 24.7 | 22.6 | 21.6 | 25.6 | 83 | .. | 1.1[b] | .. | 1.7 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 22 | 0 |
| | 0530 | 3 | 1009.6 | 1009.2 | .. | 23.6 | 21.9 | 21.0 | 25.0 | 86 | .. | 1.8 | .. | 0.9 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 3 | 26 | 0 |
| | 0830 | 3 | 1011.7 | 1011.3 | -0.7 | 27.5 | 23.4 | 21.3 | 25.3 | 69 | - 5 | 1.2 | -0.9 | 5.0 | 0 | 0 | 20 | 01 | 0 | 0 | 1 | 0 | 10 | 5 | 3 | 11 | 0 |
| | 1130 | 3 | 1010.9 | 1010.5 | .. | 32.7 | 23.9 | 19.0 | 22.4 | 46 | .. | 1.1 | .. | 12.9 | 0 | 4 | 26 | 00 | 0 | 1 | 6 | 2 | 13 | 7 | 1 | 1 | 0 |
| | 1430 | 3 | 1007.9 | 1007.5 | .. | 32.8 | 24.7 | 20.7 | 24.4 | 51 | .. | 1.3 | .. | 19.9 | 0 | 16 | 15 | 00 | 0 | 2 | 5 | 4 | 17 | 3 | 0 | 0 | 0 |
| | 1730 | 3 | 1007.9 | 1007.5 | -1.0 | 29.4 | 24.2 | 21.5 | 25.9 | 63 | - 8 | 2.0 | -0.2 | 13.9 | 0 | 5 | 26 | 00 | 0 | 1 | 5 | 4 | 16 | 5 | 0 | 0 | 0 |
| | 2030 | 3 | 1010.2 | 1009.8 | .. | 27.3 | 24.3 | 22.9 | 27.9 | 77 | .. | 1.8 | .. | 4.6 | 0 | 0 | 19 | 00 | 0 | 1 | 1 | 0 | 7 | 6 | 4 | 12 | 0 |
| | 2330 | 3 | 1010.6 | 1010.2 | .. | 26.1 | 23.8 | 22.6 | 27.6 | 81 | .. | 1.5 | .. | 2.8 | 0 | 0 | 12 | 02 | 0 | 0 | 0 | 0 | 3 | 5 | 2 | 19 | 0 |
| Kakinada | 0830 | 8 | 1011.8 | 1010.9 | -1.0 | 27.4 | 23.8 | 22.0 | 26.6 | 73 | + 0 | 2.8 | +0.5 | 6.8 | 0 | 0 | 29 | 00 | 6 | 0 | 8 | 0 | 12 | 0 | 3 | 2 | 0 |
| | 1730 | 8 | 1007.7 | 1006.8 | -1.0 | 31.0 | 24.1 | 20.5 | 24.4 | 55 | - 7 | 1.1 | -0.2 | 14.9 | 0 | 0 | 31 | 00 | 1 | 0 | 26 | 1 | 3 | 0 | 0 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1011.5 | 1010.2 | -1.6 | 26.3 | 23.5 | 22.1 | 26.6 | 78 | + 2 | 3.2 | -0.6 | 3.6 | 0 | 0 | 28 | 10 | 6 | 5 | 0 | 1 | 1 | 1 | 4 | 3 | 0 |
| | 1730 | 12 | 1007.3 | 1005.9 | -1.9 | 31.5 | 24.1 | 20.2 | 24.0 | 52 | + 0 | 0.7 | -1.9 | 8.0 | 0 | 0 | 31 | 00 | 0 | 0 | 7 | 13 | 11 | 0 | 0 | 0 | 0 |
| Rentachintala | 0830 | 106 | 1010.9 | 998.9 | -0.7 | 26.9 | 22.4 | 20.0 | 23.5 | 67 | + 4 | 1.7 | -0.5 | 1.0 | 0 | 0 | 15 | 00 | 0 | 4 | 0 | 11 | 0 | 0 | 0 | 16 | 0 |
| | 1730 | 106 | 1005.8 | 994.2 | -0.7 | 36.9 | 23.6 | 15.7 | 18.3 | 30 | + 2 | 2.0 | -0.3 | 0.6 | 0 | 0 | 10 | 01 | 0 | 3 | 0 | 5 | 0 | 0 | 1 | 21 | 0 |
| Gannavaram | 0230 | 24 | 1008.8 | 1006.1 | .. | 24.2 | 22.6 | 21.8 | 26.1 | 87 | .. | 1.5 | .. | 5.3 | 0 | 0 | 21 | 04 | 0 | 8 | 1 | 3 | 3 | 2 | 0 | 10 | 0 |
| | 0530 | 24 | 1009.2 | 1006.5 | .. | 23.4 | 22.4 | 21.8 | 26.3 | 91 | .. | 2.6 | .. | 4.3 | 0 | 0 | 18 | 02 | 0 | 11 | 2 | 3 | 0 | 0 | 0 | 13 | 0 |
| | 0830 | 24 | 1011.6 | 1008.9 | -0.8 | 26.7 | 24.0 | 22.7 | 27.6 | 79 | + 3 | 3.0 | +0.2 | 7.5 | 0 | 0 | 28 | 02 | 2 | 8 | 8 | 6 | 2 | 0 | 0 | 3 | 0 |
| | 1130 | 24 | 1011.0 | 1008.3 | .. | 32.3 | 23.9 | 19.6 | 22.8 | 47 | .. | 1.7 | .. | 11.3 | 0 | 2 | 28 | 02 | 0 | 4 | 7 | 12 | 4 | 0 | 1 | 1 | 0 |
| | 1430 | 24 | 1007.5 | 1004.9 | .. | 35.4 | 23.3 | 16.2 | 18.8 | 33 | .. | 1.6 | .. | 13.3 | 0 | 1 | 30 | 01 | 0 | 2 | 11 | 17 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 24 | 1007.2 | 1004.5 | -1.8 | 33.2 | 23.2 | 17.4 | 20.2 | 41 | - 3 | 1.3 | -0.3 | 15.9 | 0 | 6 | 25 | 00 | 0 | 1 | 11 | 19 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 24 | 1009.7 | 1007.0 | .. | 27.5 | 22.9 | 20.5 | 24.1 | 66 | .. | 0.6 | .. | 8.5 | 0 | 0 | 29 | 00 | 0 | 2 | 10 | 17 | 0 | 0 | 0 | 2 | 0 |
| | 2330 | 24 | 1010.3 | 1007.6 | .. | 25.3 | 23.0 | 21.8 | 26.3 | 81 | .. | 0.6 | .. | 4.9 | 0 | 0 | 23 | 00 | 0 | 5 | 4 | 10 | 1 | 3 | 0 | 8 | 0 |
| Masulipatam | 0830 | 3 | 1011.6 | 1011.3 | -0.8 | 26.4 | 24.0 | 22.9 | 27.9 | 81 | + 3 | 3.9 | +1.2 | 2.4 | 0 | 0 | 25 | 02 | 3 | 6 | 3 | 4 | 6 | 0 | 1 | 6 | 0 |
| | 1730 | 3 | 1008.0 | 1007.7 | -0.8 | 29.4 | 24.2 | 21.8 | 25.9 | 63 | - 4 | 2.5 | +1.3 | 4.1 | 0 | 0 | 31 | 00 | 0 | 7 | 8 | 1 | 7 | 0 | 0 | 0 | 8 |
| Ongole | 0830 | 12 | 1011.2 | 1009.9 | -1.1 | 29.0 | 25.1 | 23.2 | 28.6 | 71 | - 8 | 2.5 | +0.2 | 4.3 | 0 | 0 | 31 | 01 | 1 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 12 | 1007.5 | 1006.2 | -0.9 | 30.0 | 25.9 | 24.1 | 30.0 | 71 | - 1 | 1.0 | -0.5 | 5.2 | 0 | 0 | 31 | 00 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 0530 | 20 | 1008.9 | 1006.6 | .. | 23.8 | 22.9 | 22.4 | 27.3 | 92 | .. | 2.9 | .. | 1.2 | 0 | 0 | 10 | 00 | 0 | 4 | 6 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 20 | 1010.8 | 1008.5 | -1.4 | 27.4 | 24.1 | 22.5 | 27.4 | 75 | + 1 | 4.5 | +2.2 | 5.4 | 0 | 0 | 27 | 00 | 2 | 4 | 18 | 0 | 2 | 0 | 1 | 4 | 0 |
| | 1130 | 20 | 1010.6 | 1008.3 | .. | 33.1 | 24.2 | 19.4 | 22.9 | 46 | .. | 2.9 | .. | 6.2 | 0 | 0 | 30 | 00 | 3 | 6 | 19 | 1 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 20 | 1007.4 | 1005.2 | -0.8 | 30.8 | 25.5 | 23.1 | 28.3 | 64 | + 5 | 4.2 | +2.2 | 8.5 | 0 | 0 | 31 | 00 | 5 | 7 | 19 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 20 | 1010.2 | 1008.0 | .. | 25.8 | 24.1 | 23.3 | 28.6 | 86 | .. | 2.8 | .. | 2.8 | 0 | 0 | 19 | 00 | 1 | 7 | 11 | 0 | 0 | 0 | 0 | 12 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramagundam | 0830 | 156 | 1010.9 | 993.1 | -1.2 | 24.8 | 18.3 | 13.5 | 15.7 | 51 | - 1 | 1.3 | -0.8 | 2.3 | 0 | 0 | 15 | 00 | 2 | 0 | 5 | 5 | 0 | 3 | 0 | 16 | 0 |
| | 1730 | 156 | 1005.8 | 988.8 | -0.5 | 36.0 | 21.5 | 11.3 | 13.7 | 24 | + 1 | 1.2 | -1.3 | 2.5 | 0 | 0 | 30 | 03 | 8 | 2 | 8 | 4 | 1 | 3 | 1 | 1 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1011.0 | 980.8 | -0.9 | 24.9 | 21.2 | 18.9 | 22.1 | 70 | + 4 | 1.1 | -0.9 | 2.0 | 0 | 0 | 29 | 02 | 0 | 0 | 4 | 23 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 269 | 1007.0 | 977.8 | +0.3 | 35.4 | 21.2 | 11.1 | 13.6 | 25 | + 0 | 0.5 | -1.3 | 1.9 | 0 | 0 | 29 | 14 | 0 | 0 | 8 | 4 | 0 | 3 | 0 | 2 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1008.9 | 941.0 | .. | 22.8 | 17.1 | 12.9 | 15.4 | 56 | .. | 1.9 | .. | 11.1 | 0 | 3 | 26 | 01 | 4 | 7 | 6 | 4 | 4 | 2 | 1 | 2 | 0 |
| | 0830 | 613 | 1010.2 | 942.9 | .. | 26.1 | 18.3 | 12.9 | 15.3 | 46 | .. | 1.8 | .. | 14.3 | 0 | 5 | 26 | 04 | 2 | 4 | 5 | 5 | 5 | 4 | 2 | 0 | 0 |
| | 1130 | 613 | 1068.9 | 942.9 | .. | 31.8 | 19.4 | 10.8 | 13.5 | 29 | .. | 1.2 | .. | 16.4 | 0 | 8 | 22 | 03 | 0 | 4 | 8 | 5 | 5 | 1 | 2 | 1 | 2 |
| | 1730 | 613 | 1005.3 | 939.9 | .. | 33.1 | 19.3 | 9.4 | 12.3 | 25 | .. | 2.3 | .. | 11.7 | 0 | 5 | 26 | 01 | 2 | 6 | 12 | 3 | 2 | 1 | 2 | 0 | 2 |
| | 2330 | 613 | 1008.6 | 941.6 | .. | 26.7 | 17.7 | 11.1 | 13.7 | 39 | .. | 1.2 | .. | 11.1 | 0 | 3 | 23 | 00 | 3 | 7 | 14 | 1 | 1 | 0 | 0 | 5 | 0 |
| Bhadrachalam | 0830 | 111 | 1010.6 | 998.1 | -2.1 | 26.0 | 22.9 | 21.2 | 25.3 | 75 | + 3 | 1.9 | -1.0 | 2.0 | 0 | 0 | 30 | 00 | 18 | 0 | 7 | 0 | 5 | 0 | 0 | 1 | 0 |
| | 1730 | 111 | 1005.7 | 993.5 | -1.4 | 36.1 | 22.0 | 12.6 | 14.9 | 26 | - 2 | 1.3 | -1.3 | 2.4 | 0 | 0 | 31 | 00 | 30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1008.3 | 947.9 | .. | 23.6 | 16.5 | 11.4 | 13.6 | 47 | .. | 1.1 | .. | 3.8 | 0 | 0 | 20 | 03 | 4 | 3 | 7 | 3 | 0 | 0 | 0 | 11 | 0 |
| | 0530 | 545 | 1009.0 | 948.3 | .. | 21.9 | 15.9 | 11.4 | 13.7 | 53 | .. | 1.5 | .. | 4.6 | 0 | 0 | 19 | 05 | 3 | 1 | 2 | 2 | 1 | 1 | 4 | 12 | 0 |
| | 0830 | 545 | 1010.8 | 950.8 | -0.5 | 26.0 | 17.7 | 11.9 | 14.2 | 43 | -11 | 1.4 | -0.2 | 8.6 | 0 | 2 | 26 | 05 | 3 | 4 | 3 | 6 | 2 | 1 | 4 | 3 | 0 |
| | 1130 | 545 | 1009.3 | 950.7 | .. | 32.3 | 18.6 | 8.1 | 11.4 | 24 | .. | 1.1 | .. | 12.3 | 0 | 8 | 25 | 02 | 1 | 3 | 9 | 6 | 4 | 1 | 4 | 0 | 1 |
| | 1730 | 545 | 1004.8 | 946.7 | -0.3 | 34.1 | 18.9 | 7.5 | 10.7 | 21 | - 9 | 2.5 | +0.4 | 8.5 | 0 | 0 | 30 | 03 | 2 | 6 | 12 | 3 | 1 | 0 | 2 | 1 | 0 |
| | 2330 | 545 | 1009.1 | 949.2 | .. | 26.5 | 17.3 | 10.7 | 13.0 | 38 | .. | 1.0 | .. | 5.3 | | 0 | 22 | 01 | 1 | 8 | 11 | 1 | 0 | 0 | 0 | 9 | 0 |
| Khammam | 0830 | 112 | 1011.5 | 998.8 | -0.6 | 26.3 | 23.0 | 21.2 | 25.3 | 74 | - 1 | 3.8 | +0.7 | 3.2 | 0 | 0 | 24 | 02 | 0 | 8 | 11 | 2 | 1 | 0 | 0 | 7 | 0 |
| | 1730 | 112 | 1006.2 | 994.0 | -0.8 | 35.7 | 23.4 | 16.8 | 18.8 | 32 | + 0 | 2.3 | +0.3 | 0.6 | 0 | 0 | 9 | 01 | 0 | 2 | 1 | 3 | 1 | 1 | 0 | 22 | 0 |
| Mahbubnagar | 0830 | 505 | 1010.1 | 954.5 | -1.0 | 27.6 | 18.5 | 12.5 | 14.7 | 40 | - 9 | 1.9 | +0.3 | 7.0 | 0 | 2 | 26 | 00 | 8 | 9 | 3 | 3 | 2 | 0 | 3 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of near-est standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| TELANGANA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahbubnagar (Contd.) | 1730 | 505 | 1004.8 | 950.7 | -0.7 | 34.6 | 18.7 | 6.6 | 9.9 | 18 | - 8 | 2.3 | +0.6 | 4.8 | 0 | 1 | 29 | 00 | 3 | 14 | 7 | 2 | 2 | 1 | 1 | 1 | 0 |
| RAYALASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1010.9 | 979.7 | -0.1 | 26.9 | 20.5 | 16.4 | 18.9 | 53 | + 5 | 1.0 | -0.4 | 4.0 | 0 | 0 | 31 | 01 | 5 | 2 | 11 | 3 | 2 | 1 | 6 | 0 | 0 |
| | 1730 | 281 | 1004.8 | 974.4 | -0.5 | 36.4 | 22.6 | 13.9 | 16.2 | 27 | + 6 | 1.9 | -0.2 | 3.8 | 0 | 0 | 20 | 02 | 3 | 5 | 10 | 0 | 2 | 1 | 3 | 3 | 2 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1008.4 | 969.2 | .. | 24.0 | 19.2 | 15.8 | 18.3 | 62 | .. | 0.6 | .. | 6.7 | 0 | 0 | 22 | 00 | 1 | 14 | 2 | 0 | 3 | 2 | 0 | 9 | 0 |
| | 0830 | 350 | 1010.6 | 971.6 | -0.6 | 26.7 | 20.7 | 16.9 | 19.5 | 57 | +10 | 1.0 | -0.2 | 6.7 | 0 | 0 | 25 | 00 | 0 | 8 | 0 | 5 | 7 | 3 | 2 | 6 | 0 |
| | 1130 | 350 | 1009.2 | 971.0 | .. | 33.1 | 21.8 | 14.1 | 16.9 | 35 | .. | 0.9 | .. | 9.2 | 0 | 0 | 28 | 02 | 1 | 7 | 5 | 5 | 4 | 1 | 3 | 3 | 0 |
| | 1430 | 350 | 1005.2 | 967.5 | .. | 35.9 | 22.0 | 12.0 | 15.1 | 26 | .. | 1.5 | .. | 8.5 | 0 | 2 | 22 | 02 | 7 | 8 | 5 | 1 | 0 | 1 | 0 | 7 | 0 |
| | 1730 | 350 | 1009.3 | 966.5 | -0.8 | 35.8 | 21.7 | 11.5 | 14.5 | 25 | + 6 | 2.2 | +0.3 | 9.3 | 0 | 2 | 23 | 01 | 9 | 11 | 2 | 1 | 0 | 0 | 1 | 6 | 0 |
| | 2030 | 350 | 1007.0 | 968.7 | .. | 31.4 | 20.5 | 12.4 | 15.3 | 34 | .. | 0.5 | .. | 9.0 | 0 | 4 | 17 | 00 | 3 | 17 | 1 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 2330 | 350 | 1008.2 | 969.6 | .. | 29.0 | 19.6 | 12.4 | 15.2 | 39 | .. | 0.4 | .. | 12.6 | 0 | 8 | 17 | 01 | 0 | 18 | 6 | 0 | 0 | 0 | 0 | 6 | 0 |
| Cuddapah | 0830 | 130 | 1010.9 | 996.3 | -0.8 | 28.2 | 22.9 | 20.0 | 23.5 | 62 | + 9 | 0.8 | -0.5 | 1.2 | 0 | 0 | 8 | 00 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 130 | 1005.6 | 991.4 | -0.5 | 36.3 | 24.1 | 17.4 | 20.0 | 34 | - 2 | 1.5 | -0.4 | 4.5 | 0 | 0 | 26 | 00 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Aragyavaram | 0830 | 701 | 1011.0 | 934.1 | -0.7 | 24.5 | 19.3 | 16.2 | 18.5 | 63 | + 4 | 1.2 | -0.7 | 5.1 | 0 | 0 | 26 | 00 | 0 | 0 | 11 | 10 | 3 | 0 | 2 | 5 | 0 |
| | 1730 | 701 | 1004.6 | 930.1 | -0.9 | 32.6 | 18.7 | 8.6 | 11.4 | 23 | - 3 | 2.0 | -0.4 | 9.7 | 0 | 0 | 31 | 00 | 10 | 14 | 5 | 1 | 0 | 0 | 1 | 0 | 0 |
| MADRAS STATE (INCLUDING PONDICHERRY) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1011.5 | 1010.8 | -0.7 | 27.0 | 24.5 | 23.4 | 28.8 | 81 | + 6 | 4.4 | +1.3 | 5.3 | 0 | 0 | 21 | 00 | 1 | 1 | 1 | 2 | 12 | 4 | 0 | 10 | 0 |
| | 1730 | 6 | 1007.8 | 1007.2 | .. | 29.3 | 25.0 | 22.7 | 27.6 | 69 | .. | 2.1 | .. | 6.6 | 0 | 0 | 27 | 00 | 1 | 9 | 13 | 3 | 0 | 0 | 0 | 4 | 1 |
| Madras (Minambakkam) | 0230 | 16 | 1009.0 | 1007.2 | .. | 24.9 | 23.4 | 22.6 | 27.6 | 87 | .. | 1.8 | .. | 2.5 | 0 | 0 | 14 | 00 | 0 | 0 | 5 | 5 | 2 | 1 | 1 | 17 | 0 |
| | 0530 | 16 | 1009.3 | 1007.5 | .. | 24.3 | 23.1 | 22.5 | 27.3 | 90 | .. | 2.6 | .. | 3.5 | 0 | 0 | 20 | 00 | 0 | 0 | 2 | 2 | 4 | 9 | 3 | 11 | 0 |
| | 0830 | 16 | 1011.3 | 1009.6 | -1.0 | 27.5 | 24.3 | 22.7 | 27.7 | 75 | - 2 | 3.2 | +0.5 | 6.6 | 0 | 0 | 26 | 02 | 0 | 1 | 0 | 6 | 9 | 6 | 2 | 5 | 0 |
| | 1130 | 16 | 1010.8 | 1009.1 | .. | 32.2 | 23.9 | 19.6 | 22.9 | 48 | .. | 2.9 | .. | 10.5 | 0 | 1 | 30 | 01 | 0 | 7 | 4 | 12 | 6 | 0 | 1 | 0 | 0 |
| | 1430 | 16 | 1007.9 | 1006.2 | .. | 33.0 | 24.8 | 20.7 | 24.6 | 49 | .. | 1.7 | .. | 15.7 | 0 | 6 | 25 | 00 | 0 | 12 | 14 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 16 | 1007.8 | 1006.1 | -1.0 | 30.2 | 24.3 | 21.4 | 25.6 | 60 | - 4 | 2.0 | +0.1 | 14.3 | 0 | 4 | 27 | 00 | 2 | 11 | 15 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 16 | 1009.9 | 1008.1 | .. | 27.2 | 24.3 | 22.9 | 27.9 | 77 | .. | 1.5 | .. | 8.8 | 0 | 0 | 30 | 00 | 3 | 11 | 15 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 2330 | 16 | 1010.7 | 1008.9 | .. | 26.0 | 23.9 | 22.9 | 27.9 | 83 | .. | 1.4 | .. | 6.4 | 0 | 0 | 26 | 00 | 1 | 6 | 15 | 4 | 0 | 0 | 0 | 5 | 0 |
| Vellore | 0530 | 214 | 1009.7 | 985.3 | .. | 22.9 | 21.1 | 20.1 | 23.5 | 84 | .. | 1.6 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 30 | 0 |
| | 0830 | 214 | 1011.6 | 987.2 | -0.8 | 24.0 | 21.9 | 20.3 | 24.6 | 77 | + 2 | 2.6 | +0.0 | 1.0 | 0 | 0 | 7 | 00 | 3 | 0 | 1 | 0 | 0 | 3 | 0 | 24 | 0 |
| | 1130 | 214 | 1010.6 | 986.9 | .. | 31.7 | 23.3 | 18.7 | 21.8 | 47 | .. | 2.3 | .. | 4.5 | 0 | 0 | 28 | 00 | 6 | 2 | 7 | 3 | 6 | 3 | 1 | 3 | 0 |
| | 1730 | 214 | 1006.2 | 982.8 | -0.8 | 33.2 | 23.1 | 17.0 | 20.0 | 37 | + 0 | 1.6 | -0.7 | 5.9 | 0 | 1 | 30 | 00 | 3 | 6 | 17 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 214 | 1010.5 | 986.4 | .. | 27.2 | 22.8 | 20.4 | 24.1 | 67 | .. | 0.9 | .. | 2.1 | 0 | 0 | 12 | 00 | 0 | 5 | 6 | 1 | 0 | 0 | 0 | 19 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1011.1 | 1007.8 | .. | 27.8 | 25.6 | 24.6 | 30.9 | 83 | .. | 3.5 | .. | 8.0 | 0 | 0 | 30 | 02 | 2 | 1 | 0 | 3 | 12 | 5 | 5 | 1 | 0 |
| | 1730 | 29 | 1007.7 | 1004.4 | .. | 30.6 | 25.7 | 23.5 | 28.9 | 66 | .. | 2.2 | .. | 18.9 | 0 | 12 | 19 | 00 | 2 | 9 | 14 | 6 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 0830 | 390 | 1011.3 | 967.6 | -1.1 | 23.8 | 20.3 | 18.0 | 21.0 | 72 | - 2 | 6.5 | +3.0 | 2.8 | 0 | 0 | 31 | 25 | 0 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 390 | 1005.2 | 963.3 | -0.9 | 32.6 | 21.3 | 14.1 | 16.1 | 33 | - 4 | 5.8 | +2.4 | 7.2 | 0 | 0 | 31 | 23 | 0 | 1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 27.7 | 23.9 | 21.9 | 26.6 | 71 | .. | 2.5 | .. | 3.5 | 0 | 0 | 31 | 00 | 14 | 0 | 7 | 0 | 8 | 0 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 28.9 | 26.6 | 25.5 | 33.0 | 81 | .. | 3.1 | .. | 3.8 | 0 | 0 | 31 | 00 | 9 | 0 | 14 | 0 | 8 | 0 | 0 | 0 | 0 |
| Cuddalore | 0530 | 12 | 1009.3 | 1007.9 | .. | 23.9 | 23.2 | 22.9 | 27.9 | 94 | .. | 2.5 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 12 | 1011.4 | 1010.7 | -0.3 | 26.8 | 24.8 | 23.8 | 29.5 | 84 | + 5 | 3.7 | +0.6 | 3.1 | 0 | 0 | 14 | 00 | 2 | 0 | 9 | 0 | 0 | 0 | 3 | 17 | 0 |
| | 1130 | 12 | 1011.0 | 1009.6 | .. | 30.6 | 26.0 | 24.0 | 29.8 | 68 | .. | 3.3 | .. | 6.8 | 0 | 0 | 30 | 00 | 7 | 6 | 17 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 12 | 1007.7 | 1006.4 | -0.9 | 31.3 | 26.1 | 24.7 | 31.1 | 77 | + 8 | 2.5 | -0.4 | 7.4 | 0 | 0 | 31 | 00 | 6 | 2 | 23 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 12 | 1010.5 | 1009.2 | .. | 26.8 | 24.9 | 24.1 | 30.0 | 85 | .. | 2.0 | .. | 0.5 | 0 | 0 | 4 | 00 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 27 | 0 |
| Kallakkurichchi | 0830 | 127 | 1011.3 | 996.9 | -1.1 | 26.6 | 23.4 | 21.8 | 26.1 | 75 | + 2 | 2.8 | +0.1 | 5.0 | 0 | 0 | 25 | 09 | 1 | 1 | 8 | 4 | 0 | 0 | 2 | 6 | 0 |
| | 1730 | 127 | 1006.2 | 992.2 | -1.0 | 34.5 | 22.7 | 15.7 | 17.9 | 34 | - 6 | 2.7 | +0.2 | 7.3 | 0 | 0 | 30 | 00 | 6 | 22 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| Salem | 0530 | 278 | 1009.2 | 977.8 | .. | 24.2 | 20.9 | 19.0 | 21.9 | 73 | .. | 2.5 | .. | 1.0 | 0 | 0 | 6 | 00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 0830 | 278 | 1011.0 | 979.9 | -0.9 | 26.9 | 21.7 | 18.7 | 21.6 | 61 | - 8 | 3.0 | +1.1 | 1.8 | 0 | 0 | 10 | 00 | 1 | 4 | 4 | 0 | 0 | 0 | 0 | 21 | 1 |
| | 1130 | 278 | 1009.7 | 979.2 | .. | 32.5 | 21.7 | 14.8 | 16.8 | 36 | .. | 2.4 | .. | 3.8 | 0 | 0 | 29 | 00 | 0 | 11 | 1 | 5 | 1 | 1 | 0 | 2 | 1 |
| | 1730 | 278 | 1004.9 | 973.8 | -1.8 | 34.9 | 20.9 | 10.9 | 13.0 | 24 | - 8 | 3.2 | +0.8 | 9.7 | 0 | 0 | 28 | 00 | 2 | 22 | 3 | 0 | 0 | 0 | 0 | 3 | 1 |
| | 2330 | 278 | 1009.6 | 978.6 | .. | 27.4 | 22.0 | 18.6 | 21.4 | 59 | .. | 2.3 | .. | 10.0 | 0 | 0 | 30 | 00 | 0 | 28 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1009.4 | 964.6 | .. | 22.9 | 21.9 | 21.3 | 25.5 | 91 | .. | 2.2 | .. | 8.0 | 0 | 0 | 21 | 04 | 4 | 1 | 0 | 5 | 7 | 0 | 0 | 10 | 0 |
| | 0830 | 399 | 1011.2 | 966.7 | -1.0 | 25.2 | 22.9 | 21.7 | 25.9 | 81 | +12 | 2.9 | +0.2 | 10.3 | 0 | 1 | 25 | 02 | 10 | 5 | 0 | 5 | 4 | 0 | 0 | 5 | 0 |
| | 1130 | 399 | 1010.0 | 966.3 | .. | 30.7 | 23.4 | 19.6 | 22.9 | 52 | .. | 3.1 | .. | 10.0 | 0 | 1 | 24 | 06 | 6 | 6 | 3 | 1 | 2 | 0 | 0 | 6 | 1 |
| | 1430 | 399 | 1006.0 | 963.0 | .. | 34.2 | 22.9 | 16.4 | 19.5 | 35 | .. | 3.2 | .. | 14.1 | 0 | 6 | 21 | 02 | 8 | 6 | 5 | 3 | 3 | 0 | 0 | 4 | 0 |
| | 1730 | 399 | 1005.2 | 962.0 | -0.7 | 33.9 | 22.5 | 15.5 | 17.6 | 34 | + 5 | 3.5 | +0.9 | 16.7 | 0 | 6 | 25 | 00 | 7 | 12 | 1 | 6 | 4 | 1 | 0 | 0 | 0 |
| | 2030 | 399 | 1008.2 | 964.3 | .. | 28.3 | 23.1 | 20.1 | 24.1 | 63 | .. | 2.4 | .. | 19.0 | 0 | 15 | 15 | 00 | 1 | 4 | 5 | 14 | 6 | 0 | 0 | 1 | 0 |
| | 2330 | 399 | 1010.7 | 965.7 | .. | 25.4 | 23.1 | 21.8 | 26.4 | 82 | .. | 1.5 | .. | 16.1 | 0 | 8 | 22 | 01 | 1 | 3 | 2 | 14 | 8 | 0 | 1 | 1 | 0 |
| Coimbatore | 0830 | 409 | 1010.8 | 965.3 | -1.0 | 26.1 | 22.3 | 20.3 | 23.8 | 71 | + 4 | 4.4 | +1.7 | 4.2 | 0 | 0 | 31 | 03 | 8 | 6 | 1 | 11 | 2 | 0 | 0 | 0 | 0 |
| Nagapattinam | 0830 | 9 | 1011.4 | 1010.3 | -0.9 | 28.4 | 24.7 | 23.0 | 27.9 | 73 | - 1 | 4.2 | +0.5 | 6.5 | 0 | 1 | 21 | 01 | 7 | 2 | 2 | 1 | 3 | 4 | 2 | 9 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km. p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nagapattinam (Contd.) | 1730 | 9 | 1007.6 | 1006.5 | -1.2 | 29.6 | 25.2 | 23.2 | 28.4 | 69 | - 2 | 4.4 | +1.6 | 19.2 | 0 | 16 | 13 | 00 | 6 | 9 | 16 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1008.8 | 998.8 | .. | 25.2 | 23.2 | 22.2 | 26.7 | 84 | .. | 3.0 | .. | 3.3 | 0 | 0 | 16 | 02 | 8 | 1 | 2 | 1 | 1 | 0 | 1 | 15 | 0 |
| | 0530 | 88 | 1008.9 | 998.9 | .. | 24.1 | 22.6 | 21.9 | 26.3 | 88 | .. | 3.0 | .. | 2.5 | 0 | 0 | 12 | 04 | 7 | 0 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 88 | 1011.0 | 1001.0 | -1.2 | 27.4 | 24.3 | 22.9 | 27.9 | 77 | + 1 | 3.5 | +0.4 | 3.1 | 0 | 3 | 19 | 03 | 9 | 2 | 0 | 1 | 3 | 1 | 3 | 9 | 0 |
| | 1130 | 88 | 1010.4 | 1000.7 | .. | 32.1 | 25.0 | 21.6 | 25.8 | 54 | .. | 4.1 | .. | 11.8 | 0 | 5 | 24 | 02 | 10 | 3 | 3 | 2 | 2 | 4 | 3 | 2 | 0 |
| | 1430 | 88 | 1006.9 | 997.2 | .. | 35.1 | 25.7 | 21.3 | 25.3 | 46 | .. | 3.7 | .. | 12.5 | 0 | 7 | 22 | 03 | 13 | 4 | 5 | 2 | 2 | 0 | 0 | 2 | 0 |
| | 1730 | 88 | 1006.1 | 996.4 | -1.1 | 34.1 | 25.3 | 21.1 | 25.0 | 48 | +10 | 3.5 | +1.0 | 15.7 | 0 | 7 | 24 | 00 | 7 | 14 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 88 | 1008.9 | 999.0 | .. | 29.3 | 24.8 | 22.7 | 27.4 | 68 | .. | 2.4 | .. | 16.6 | 0 | 17 | 13 | 00 | 2 | 11 | 15 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 2330 | 88 | 1010.1 | 1000.2 | .. | 26.8 | 24.0 | 22.6 | 27.4 | 78 | .. | 2.6 | .. | 9.2 | 0 | 0 | 29 | 00 | 9 | [illegible] | 5 | 6 | 0 | 0 | 0 | 2 | 0 |
| Vedaranniyam | 0830 | 4 | 1010.9 | 1010.4 | .. | 28.9 | 25.5 | 24.0 | 29.8 | 75 | .. | 2.2 | .. | 2.3 | 0 | 0 | 24 | 00 | [illegible] | 0 | 27 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 4 | 1007.3 | 1006.8 | .. | 29.8 | 25.5 | 23.6 | 28.9 | 70 | .. | 2.4 | .. | 2.3 | 0 | 0 | 23 | 00 | [illegible] | 0 | 28 | 0 | 1 | 0 | 0 | 0 | 0 |
| Atirampattinam | 0830 | 6 | 1010.9 | 1010.2 | .. | 27.2 | 24.8 | 23.7 | 29.3 | 81 | .. | 3.1 | .. | 5.3 | 0 | 0 | 26 | 13 | 2 | 1 | 0 | 0 | 4 | 0 | 6 | 5 | 0 |
| | 1730 | 6 | 1007.4 | 1006.7 | .. | 30.3 | 25.0 | 22.4 | 27.1 | 64 | .. | 2.9 | .. | 15.6 | 0 | 9 | 22 | 00 | 5 | 0 | 16 | 10 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 0830 | 133 | 1010.1 | 995.1 | -1.9 | 27.4 | 23.8 | 22.0 | 26.4 | 73 | + 4 | 4.0 | +0.3 | 4.3 | 0 | 0 | 19 | 05 | 8 | 3 | 0 | 1 | 0 | 0 | 2 | 12 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1008.9 | 993.9 | .. | 24.3 | 22.6 | 21.7 | 25.9 | 85 | .. | 2.4 | .. | 3.7 | 0 | 0 | 19 | 05 | 12 | 0 | 0 | 0 | 0 | 1 | 1 | 12 | 0 |
| | 0830 | 131 | 1010.9 | 996.1 | -1.5 | 27.6 | 23.9 | 22.1 | 26.6 | 72 | + 0 | 3.3 | +0.4 | 9.3 | 0 | 0 | 29 | 06 | 19 | 3 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| | 1130 | 131 | 1010.7 | 995.6 | .. | 32.1 | 23.6 | 19.1 | 22.0 | 47 | .. | 3.4 | .. | 9.9 | 0 | 0 | 31 | 04 | 16 | 6 | 3 | 0 | 0 | 0 | 1 | 0 | 1 |
| | 1730 | 131 | 1006.1 | 991.7 | -1.2 | 34.0 | 22.7 | 15.9 | 18.1 | 36 | - 2 | 3.3 | -0.1 | 13.1 | 0 | 8 | 23 | 00 | 6 | 18 | 6 | 0 | 0 | 0 | 1 | 0 | 0 |
| Tondi | 0830 | 5 | 1011.1 | 100.5 | -1.4 | 27.5 | 24.7 | 23.3 | 28.8 | 78 | - 1 | 3.8 | -1.1 | 5.9 | 0 | 0 | 24 | 10 | 3 | 3 | 2 | 2 | 0 | 1 | 3 | 7 | 0 |
| | 1730 | 5 | 1007.5 | 1006.9 | -1.3 | 29.8 | 25.5 | 23.5 | 28.9 | 69 | - 8 | 3.6 | -0.7 | 14.0 | 0 | 7 | 24 | 00 | 5 | 11 | 11 | 4 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1010.7 | 1009.4 | -1.3 | 27.7 | 25.7 | 24.4 | 31.3 | 78 | + 2 | 4.9 | +1.3 | 7.0 | 0 | 0 | 31 | 01 | 8 | 13 | 2 | 4 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 11 | 1007.4 | 1006.1 | -1.1 | 29.6 | 25.9 | 24.3 | 30.2 | 73 | - 2 | 3.6 | +1.1 | 8.1 | 0 | 0 | 31 | 02 | 15 | 2 | 8 | 0 | 1 | 0 | 2 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1010.9 | 1010.5 | -1.7 | 28.1 | 24.8 | 23.2 | 28.6 | 75 | + 1 | 2.5 | +0.0 | 8.1 | 0 | 0 | 30 | 16 | 5 | 1 | 0 | 0 | 0 | 2 | 6 | 1 | 0 |
| | 1730 | 4 | 1007.3 | 1006.9 | -1.2 | 30.1 | 26.1 | 24.4 | 30.5 | 72 | - 2 | 3.6 | +2.1 | 22.5 | 0 | 23 | 8 | 00 | 3 | 11 | 11 | 6 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1010.9 | 1005.2 | -1.1 | 28.1 | 24.3 | 22.5 | 27.3 | 72 | - 1 | 4.4 | +1.0 | 8.1 | 0 | 1 | 28 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| | 1730 | 51 | 1006.7 | 1001.0 | -0.9 | 31.4 | 24.9 | 21.8 | 26.3 | 58 | + 5 | 4.7 | +1.5 | 11.7 | 0 | 2 | 29 | 02 | 0 | 16 | 10 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1010.3 | 1006.2 | .. | 28.7 | 24.4 | 22.5 | 26.9 | 69 | .. | 3.9 | .. | 13.3 | 0 | 9 | 22 | 08 | 7 | 1 | 0 | 0 | 1 | 7 | 7 | 0 | 0 |
| | 1730 | 37 | 1007.4 | 1003.2 | .. | 30.0 | 25.6 | 23.6 | 29.3 | 69 | .. | 4.9 | .. | 16.8 | 0 | 9 | 22 | 00 | 5 | 6 | 0 | 1 | 6 | 11 | 2 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1011.3 | 1010.9 | -0.5 | 25.5 | 22.9 | 21.5 | 25.8 | 79 | - 2 | 1.6 | -0.2 | 3.9 | 0 | 0 | 30 | 00 | 11 | 13 | 0 | 1 | 0 | 0 | 0 | 1 | 5 |
| | 1730 | 4 | 1008.0 | 1007.5 | -0.5 | 29.2 | 24.8 | 22.7 | 27.7 | 68 | - 3 | 2.0 | +0.1 | 13.9 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 0 | 8 | 19 | 0 | 4 |
| Honavar | 0830 | 26 | 1011.5 | 1008.6 | -0.5 | 25.0 | 22.7 | 21.6 | 25.6 | 81 | + 2 | 2.7 | -0.4 | 3.6 | 0 | 0 | 31 | 02 | 8 | 20 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 26 | 1008.3 | 1005.3 | -0.3 | 29.7 | 24.9 | 22.7 | 27.6 | 66 | - 1 | 3.0 | +0.0 | 6.6 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 1 | 20 | 9 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1009.0 | 997.5 | .. | 25.4 | 23.4 | 22.5 | 27.1 | 84 | .. | 2.7 | .. | 1.7 | 0 | 0 | 8 | 03 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 0530 | 102 | 1009.2 | 997.6 | .. | 24.6 | 23.1 | 22.3 | 26.9 | 87 | .. | 2.4 | .. | 2.3 | 0 | 0 | 12 | 00 | 3 | 8 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 102 | 1011.1 | 999.6 | -1.0 | 27.1 | 24.0 | 22.4 | 27.3 | 76 | + 2 | 2.6 | +0.4 | 5.0 | 0 | 0 | 22 | 02 | 6 | 13 | 1 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1130 | 102 | 1010.7 | 999.4 | .. | 31.8 | 24.6 | 21.0 | 25.0 | 53 | .. | 2.8 | .. | 10.9 | 0 | 2 | 26 | 00 | 0 | 1 | 0 | 3 | 7 | 5 | 11 | 3 | 1 |
| | 1430 | 102 | 1007.9 | 996.6 | .. | 32.0 | 25.2 | 22.1 | 26.4 | 56 | .. | 2.3 | .. | 22.3 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 0 | 8 | 17 | 6 | 0 | 0 |
| | 1730 | 102 | 1007.2 | 995.9 | -1.0 | 29.9 | 24.6 | 22.1 | 26.6 | 63 | - 1 | 2.2 | -0.2 | 19.3 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 2 | 17 | 12 | 0 | 0 |
| | 2030 | 102 | 1009.6 | 998.1 | .. | 27.3 | 24.1 | 22.6 | 27.4 | 76 | .. | 2.0 | .. | 9.2 | 0 | 0 | 29 | 01 | 0 | 0 | 1 | 0 | 0 | 5 | 22 | 2 | 0 |
| | 2330 | 102 | 1010.6 | 999.1 | .. | 26.3 | 23.8 | 22.4 | 27.6 | 80 | .. | 2.3 | .. | 1.9 | 0 | 0 | 11 | 06 | 1 | 1 | 0 | 0 | 0 | 0 | 3 | 20 | 0 |
| Mangalore | 0830 | 22 | 1011.1 | 1008.6 | -0.7 | 27.2 | 23.9 | 22.3 | 26.9 | 75 | + 0 | 2.0 | -0.3 | 7.1 | 0 | 0 | 31 | 01 | 11 | 17 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 22 | 1007.4 | 1005.0 | -0.6 | 30.0 | 25.0 | 22.7 | 27.6 | 65 | - 2 | 1.4 | -1.2 | 10.7 | 0 | 0 | 31 | 03 | 0 | 0 | 0 | 0 | 1 | 3 | 24 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1010.7 | 937.9 | -0.4 | 25.4 | 16.1 | 7.5 | 11.5 | 35 | - 9 | 1.8 | +0.2 | 11.6 | 0 | 4 | 26 | 05 | 1 | 3 | 3 | 7 | 2 | 3 | 6 | 1 | 0 |
| | 1730 | 664 | 1004.2 | 933.5 | -0.7 | 33.4 | 18.1 | 6.5 | 9.6 | 20 | - 6 | 3.1 | +0.1 | 10.8 | 0 | 0 | 31 | 01 | 10 | 7 | 3 | 2 | 2 | 5 | 1 | 0 | 0 |
| Gulbarga | 0830 | 458 | 1010.7 | 959.9 | -0.6 | 26.8 | 16.5 | 7.7 | 11.2 | 33 | - 3 | 2.1 | +0.9 | 9.3 | 0 | 3 | 22 | 07 | 5 | 6 | 2 | 0 | 1 | 2 | 2 | 6 | 0 |
| | 1730 | 458 | 1004.3 | 955.3 | -0.6 | 35.9 | 19.3 | 6.8 | 10.2 | 17 | - 3 | 4.0 | +1.5 | 8.2 | 0 | 0 | 27 | 01 | 2 | 9 | 4 | 3 | 3 | 3 | 2 | 4 | 0 |
| Bijapur | 0830 | 594 | 1010.9 | 945.0 | -0.5 | 24.1 | 17.3 | 12.5 | 14.8 | 50 | + 5 | 2.0 | +0.7 | 5.9 | 0 | 0 | 26 | 01 | 2 | 0 | 1 | 5 | 1 | 11 | 5 | 5 | 0 |
| | 1730 | 594 | 1002.3 | 939.6 | -1.8 | 35.3 | 21.6 | 13.8 | 15.7 | 28 | + 4 | 3.0 | +0.4 | 2.0 | 0 | 0 | 24 | 02 | 2 | 1 | 5 | 5 | 0 | 8 | 1 | 7 | 0 |
| Raichur | 0830 | 400 | 1010.7 | 966.5 | -0.3 | 27.7 | 20.2 | 15.4 | 17.6 | 48 | - 2 | 3.3 | +1.9 | 5.0 | 0 | 0 | 20 | 00 | 2 | 0 | 4 | 0 | 12 | 0 | 1 | 11 | 1 |
| | 1730 | 400 | 1004.8 | 961.9 | -0.6 | 35.5 | 21.9 | 12.8 | 15.2 | 27 | - 1 | 3.3 | +1.1 | 5.8 | 0 | 0 | 31 | 00 | 11 | 0 | 13 | 0 | 6 | 0 | 1 | 0 | 0 |
| Belgaum | 0830 | 753 | 1011.1 | 928.2 | -0.6 | 21.9 | 17.5 | 14.6 | 16.7 | 64 | + 2 | 1.6 | +0.8 | 0.9 | 0 | 0 | 6 | 00 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 25 | 0 |
| | 1730 | 753 | 1005.0 | 924.8 | -0.7 | 30.9 | 22.6 | 18.3 | 21.3 | 49 | +17 | 1.9 | +0.1 | 6.3 | 0 | 0 | 27 | 00 | 0 | 3 | 0 | 0 | 2 | 21 | 0 | 4 | 1 |
| Belgaum (Sanra) | 0530 | 747 | 1009.5 | 926.7 | .. | 19.9 | 15.5 | 12.1 | 14.4 | 64 | .. | 1.6 | .. | 3.0 | 0 | 1 | 12 | 01 | 3 | 0 | 2 | 0 | 2 | 4 | 1 | 18 | 0 |
| | 0830 | 747 | 1010.8 | 928.7 | -1.0 | 23.1 | 16.4 | 11.5 | 13.7 | 51 | - 1 | 2.5 | +1.3 | 4.6 | 0 | 0 | 21 | 04 | 7 | 2 | 4 | 0 | 2 | 2 | 0 | 10 | 0 |
| | 1130 | 747 | 1008.8 | 920.8 | .. | 30.5 | 16.9 | 5.5 | 9.3 | 22 | .. | 1.3 | .. | 10.2 | 0 | 1 | 30 | 03 | 12 | 2 | 8 | 1 | 1 | 2 | 2 | 0 | 0 |
| | 1430 | 747 | 1004.9 | 925.9 | .. | 33.3 | 17.9 | 5.5 | 9.3 | 18 | .. | 2.9 | .. | 10.1 | 0 | 3 | 28 | 02 | 5 | 2 | 5 | 2 | 5 | 5 | 4 | 0 | 0 |
| | 1730 | 747 | 1004.7 | 925.2 | -0.9 | 31.6 | 19.7 | 11.6 | 14.3 | 32 | - 1 | 3.0 | +0.6 | 18.9 | 0 | 19 | 12 | 01 | 2 | 1 | 2 | 0 | 7 | 18 | 0 | 1 | 0 |
| | 2030 | 747 | 1008.5 | 927.2 | .. | 25.1 | 19.9 | 16.9 | 19.5 | 62 | .. | 1.[illegible] | .. | 13.7 | 0 | 4 | 27 | 00 | 1 | 1 | 0 | 0 | 4 | 24 | 1 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gadag | 0530 | 650 | 1009.3 | 937.2 | .. | 21.7 | 19.1 | 17.6 | 20.1 | 79 | .. | 0.6 | .. | 5.5 | 0 | 0 | 22 | 01 | 0 | 2 | 0 | 4 | 3 | 10 | 1 | 9 | 1 |
| | 0830 | 650 | 1011.1 | 939.4 | -0.6 | 23.6 | 19.8 | 17.6 | 20.2 | 70 | +12 | 0.9 | -1.1 | 5.0 | 0 | 0 | 30 | 03 | 3 | 5 | 3 | 2 | 5 | 8 | 1 | 1 | 0 |
| | 1130 | 650 | 1008.8 | 939.1 | .. | 32.3 | 22.2 | 16.8 | 19.3 | 41 | .. | 1.3 | .. | 6.3 | 0 | 0 | 26 | 02 | 2 | 6 | 2 | 1 | 3 | 4 | 4 | 5 | 2 |
| | 1430 | 650 | 1004.7 | 936.1 | .. | 35.7 | 22.8 | 15.7 | 18.3 | 31 | .. | 2.6 | .. | 6.5 | 0 | 0 | 27 | 01 | 2 | 9 | 4 | 2 | 2 | 3 | 2 | 4 | 2 |
| | 1730 | 650 | 1003.8 | 935.1 | -0.7 | 35.2 | 22.4 | 15.4 | 17.7 | 32 | + 1 | 4.1 | +1.1 | 5.2 | 0 | 0 | 31 | 01 | 9 | 7 | 2 | 2 | 4 | 3 | 2 | 0 | 1 |
| | 2030 | 650 | 1007.1 | 937.0 | .. | 29.5 | 21.3 | 16.5 | 19.3 | 47 | .. | 1.5 | .. | 8.5 | 0 | 1 | 25 | 01 | 3 | 5 | 1 | 0 | 3 | 10 | 3 | 5 | 0 |
| | 2330 | 650 | 1009.2 | 938.1 | .. | 25.9 | 20.7 | 17.7 | 20.6 | 63 | .. | 0.8 | .. | 9.2 | 0 | 0 | 29 | 01 | 0 | 4 | 2 | 2 | 3 | 17 | 0 | 2 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1010.4 | 960.4 | -0.8 | 25.0 | 18.7 | 14.3 | 16.4 | 53 | + 8 | 1.1 | -0.6 | 4.9 | 0 | 0 | 23 | 00 | 4 | 8 | 4 | 0 | 4 | 0 | 3 | 8 | 0 |
| | 1730 | 449 | 1004.3 | 956.2 | -0.3 | 36.4 | 20.8 | 9.3 | 11.9 | 19 | - 3 | 3.5 | +1.0 | 8.8 | 0 | 0 | 31 | 00 | 6 | 10 | 4 | 0 | 6 | 0 | 5 | 0 | 0 |
| Chitradurga | 0830 | 733 | 1010.4 | 930.1 | -0.7 | 24.1 | 19.1 | 16.0 | 18.4 | 62 | + 7 | 1.2 | -0.6 | 5.3 | 0 | 0 | 25 | 00 | 1 | 2 | 2 | 1 | 9 | 8 | 2 | 6 | 0 |
| | 1730 | 733 | 1003.5 | 926.1 | -0.6 | 33.8 | 20.9 | 12.6 | 15.3 | 29 | + 5 | 2.3 | -0.2 | 6.8 | 0 | 0 | 29 | 01 | 5 | 17 | 1 | 0 | 0 | 5 | 0 | 2 | 0 |
| Shimoga | 0830 | 571 | 1010.7 | 947.2 | -1.3 | 22.7 | 19.8 | 18.2 | 21.0 | 76 | - 1 | 5.7 | +3.1 | 2.6 | 0 | 0 | 29 | 00 | 5 | 3 | 4 | 2 | 4 | 8 | 3 | 2 | 0 |
| | 1730 | 571 | 1003.1 | 942.4 | -1.2 | 34.1 | 20.1 | 10.2 | 13.2 | 25 | - 2 | 4.7 | +1.7 | 4.0 | 0 | 0 | 25 | 01 | 4 | 7 | 1 | 0 | 2 | 9 | 1 | 6 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 21.4 | 19.8 | 18.7 | 22.0 | 86 | .. | . | .. | 5.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 22.3 | 19.1 | 17.2 | 19.7 | 75 | - 6 | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1519.0 | 907.1 | -0.3 | 21.1 | 18.5 | 16.9 | 19.4 | 77 | + 6 | 2.7 | +1.0 | 2.8 | 0 | 0 | 31 | 01 | 1 | 4 | 7 | 0 | 5 | 11 | 2 | 0 | 0 |
| | 1730 | 960 | 1500.0 | 903.2 | -0.4 | 31.4 | 18.6 | 9.2 | 12.1 | 27 | - 4 | 4.3 | +1.5 | 3.3 | 0 | 0 | 31 | 02 | 2 | 8 | 9 | 2 | 5 | 2 | 1 | 0 | 0 |
| Bangalore | 0230 | 921 | 1504.8 | 909.4 | .. | 22.4 | 17.9 | 15.0 | 17.1 | 64 | .. | 1.0 | .. | 6.3 | 0 | 1 | 25 | 00 | 0 | 14 | 8 | 1 | 3 | 0 | 0 | 5 | 0 |
| | 0830 | 921 | 1522.9 | 911.2 | -0.2 | 23.1 | 19.3 | 16.8 | 19.6 | 69 | + 6 | 2.1 | +0.1 | 4.0 | 0 | 0 | 21 | 00 | 0 | 9 | 3 | 2 | 4 | 3 | 0 | 10 | 0 |
| | 1130 | 921 | 1533.4 | 911.0 | .. | 29.3 | 19.3 | 12.7 | 15.1 | 37 | .. | 2.1 | .. | 4.8 | 0 | 0 | 21 | 00 | 1 | 7 | 8 | 2 | 2 | 1 | 0 | 10 | 0 |
| | 1430 | 921 | 1513.9 | 908.5 | .. | 32.0 | 19.5 | 11.3 | 13.6 | 29 | .. | 3.1 | .. | 6.6 | 0 | 0 | 26 | 01 | 4 | 14 | 3 | 0 | 3 | 1 | 0 | 5 | 0 |
| | 1730 | 921 | 1505.4 | 907.7 | +0.1 | 31.2 | 18.9 | 10.7 | 12.9 | 29 | + 5 | 3.3 | +0.4 | 6.1 | 0 | 0 | 25 | 01 | 3 | 17 | 4 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 2030 | 921 | 1514.2 | 909.5 | .. | 27.1 | 17.8 | 11.3 | 13.6 | 38 | .. | 2.1 | .. | 8.1 | 0 | 1 | 25 | 01 | 1 | 22 | 1 | 1 | 0 | 0 | 0 | 5 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1494.5 | 911.5 | .. | 20.2 | 17.5 | 15.7 | 17.8 | 77 | .. | 1.8 | .. | 5.5 | 0 | 0 | 24 | 00 | 0 | 10 | 3 | 4 | 5 | 2 | 0 | 7 | 0 |
| | 0830 | 897 | 1519.4 | 913.5 | -0.7 | 22.7 | 19.0 | 16.7 | 19.0 | 70 | + 9 | 2.6 | +0.5 | 8.9 | 0 | 0 | 30 | 01 | 0 | 9 | 5 | 2 | 5 | 7 | 0 | 1 | 1 |
| | 1130 | 897 | 1529.5 | 913.1 | .. | 29.0 | 18.5 | 11.5 | 13.6 | 35 | .. | 2.4 | .. | 12.7 | 0 | 0 | 31 | 01 | 1 | 10 | 9 | 2 | 5 | 3 | 0 | 0 | 0 |
| | 1730 | 897 | 1498.5 | 909.5 | -0.6 | 31.3 | 18.4 | 9.1 | 11.5 | 26 | + 1 | 3.1 | +0.4 | 12.1 | 0 | 7 | 21 | 00 | 2 | 18 | 6 | 0 | 1 | 0 | 1 | 3 | 0 |
| | 2330 | 897 | 1514.5 | 912.7 | .. | 24.3 | 17.4 | 12.7 | 14.7 | 50 | .. | 2.0 | .. | 9.5 | 0 | 1 | 27 | 00 | 0 | 19 | 7 | 1 | 0 | 1 | 0 | 3 | 0 |
| Mysore | 0830 | 767 | 1010.9 | 926.9 | -0.6 | 23.8 | 20.2 | 18.3 | 21.0 | 72 | + 1 | 2.9 | +0.6 | 5.8 | 0 | 0 | 31 | 04 | 2 | 3 | 6 | 6 | 7 | 0 | 3 | 0 | 0 |
| | 1730 | 767 | 1003.8 | 922.7 | -0.7 | 32.8 | 18.7 | 9.0 | 11.2 | 24 | + 3 | 3.9 | +0.7 | 5.3 | 0 | 0 | 31 | 04 | 10 | 7 | 4 | 4 | 0 | 0 | 2 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1009.4 | 1008.8 | .. | 25.3 | 23.8 | 23.0 | 28.3 | 87 | .. | 1.9 | .. | 5.3 | 0 | 0 | 29 | 02 | 5 | 22 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 0830 | 5 | 1011.1 | 1010.5 | -0.6 | 28.1 | 24.7 | 23.1 | 28.3 | 74 | + 0 | 1.9 | -0.9 | 4.0 | 0 | 0 | 25 | 05 | 1 | 11 | 0 | 0 | 0 | 1 | 7 | 6 | 0 |
| | 1130 | 5 | 1011.1 | 1010.5 | .. | 31.5 | 26.3 | 23.9 | 30.0 | 65 | .. | 2.5 | .. | 7.1 | 0 | 0 | 31 | 02 | 0 | 0 | 0 | 0 | 0 | 18 | 11 | 0 | 0 |
| | 1730 | 5 | 1007.8 | 1007.2 | -0.1 | 30.3 | 26.5 | 25.0 | 31.5 | 73 | + 4 | 3.1 | +0.0 | 7.9 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 5 | 26 | 0 | 0 |
| | 2330 | 5 | 1010.5 | 1009.9 | .. | 27.9 | 25.3 | 24.0 | 30.0 | 79 | .. | 2.5 | .. | 7.9 | 0 | 1 | 28 | 06 | 7 | 1 | 0 | 0 | 0 | 0 | 15 | 2 | 0 |
| Palghat | 0830 | 97 | 1011.0 | 1000.1 | -1.0 | 28.1 | 24.2 | 22.4 | 26.9 | 71 | + 4 | 3.3 | +0.9 | 8.0 | 0 | 0 | 28 | 00 | 0 | 13 | 0 | 0 | 0 | 15 | 0 | 3 | 0 |
| | 1730 | 97 | 1005.8 | 995.1 | -0.6 | 34.5 | 24.2 | 18.6 | 21.8 | 41 | + 3 | 2.8 | -0.1 | 10.0 | 0 | 0 | 30 | 00 | 0 | 10 | 0 | 0 | 1 | 19 | 0 | 1 | 0 |
| Fort Cochin | 0830 | 3 | 1010.8 | 1010.5 | -1.0 | 28.4 | 25.2 | 23.9 | 29.5 | 76 | + 2 | 5.8 | +2.0 | 4.7 | 0 | 0 | 28 | 03 | 14 | 10 | 0 | 0 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 3 | 1007.4 | 1007.1 | -0.4 | 30.0 | 26.0 | 24.3 | 30.4 | 72 | + 2 | 5.6 | +2.0 | 11.9 | 0 | 1 | 30 | 01 | 0 | 0 | 2 | 0 | 2 | 11 | 15 | 0 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1009.3 | 1009.0 | .. | 26.5 | 24.6 | 23.7 | 29.3 | 85 | .. | 4.5 | .. | 2.6 | 0 | 0 | 10 | 02 | 2 | 2 | 1 | 0 | 0 | 0 | 3 | 21 | 0 |
| | 0530 | 3 | 1009.1 | 1008.8 | .. | 25.6 | 24.2 | 23.5 | 29.1 | 88 | .. | 4.1 | .. | 1.3 | 0 | 0 | 9 | 01 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 0830 | 3 | 1011.0 | 1010.7 | .. | 28.2 | 25.0 | 23.6 | 29.1 | 76 | .. | 3.6 | .. | 5.3 | 0 | 0 | 28 | 09 | 9 | 8 | 1 | 0 | 0 | 0 | 1 | 3 | 0 |
| | 1130 | 3 | 1011.0 | 1010.7 | .. | 31.7 | 25.6 | 22.9 | 27.9 | 61 | .. | 3.7 | .. | 12.4 | 0 | 1 | 30 | 00 | 0 | 1 | 1 | 0 | 6 | 8 | 15 | 0 | 0 |
| | 1730 | 3 | 1007.3 | 1007.0 | .. | 30.4 | 25.8 | 23.8 | 29.5 | 68 | .. | 4.1 | .. | 18.0 | 0 | 7 | 24 | 00 | 0 | 1 | 1 | 0 | 5 | 17 | 7 | 0 | 0 |
| | 2330 | 3 | 1010.8 | 1010.5 | .. | 27.6 | 24.9 | 23.6 | 29.3 | 79 | .. | 4.7 | .. | 6.1 | 0 | 0 | 20 | 02 | 1 | 4 | 1 | 0 | 0 | 2 | 10 | 11 | 0 |
| Alleppey | 0830 | 4 | 1010.8 | 1010.4 | -0.7 | 27.7 | 25.5 | 24.4 | 30.7 | 81 | + 5 | 4.7 | +0.4 | 6.0 | 0 | 0 | 31 | 03 | 13 | 5 | 8 | 0 | 1 | 0 | 1 | 0 | 0 |
| | 1730 | 4 | 1007.5 | 1007.1 | -0.2 | 30.7 | 26.3 | 24.4 | 30.5 | 69 | - 2 | 4.0 | +0.3 | 22.6 | 0 | 28 | 3 | 00 | 0 | 0 | 0 | 0 | 0 | 13 | 18 | 0 | 0 |
| Punalur | 0830 | 34 | 1010.9 | 1007.1 | -0.9 | 26.6 | 24.3 | 23.3 | 28.6 | 82 | + 2 | 4.3 | +0.9 | 0.9 | 0 | 0 | 7 | 00 | 0 | 1 | 1 | 0 | 0 | 2 | 3 | 24 | 0 |
| | 1730 | 34 | 1006.9 | 1003.2 | -0.7 | 32.3 | 25.3 | 21.9 | 26.6 | 56 | + 2 | 7.0 | +1.7 | 4.8 | 0 | 0 | 31 | 00 | 8 | 9 | 0 | 1 | 1 | 6 | 6 | 0 | 0 |
| Trivandrum | 0230 | 64 | 1008.8 | 1001.5 | .. | 26.0 | 24.4 | 23.6 | 29.3 | 87 | .. | 3.5 | .. | 1.4 | 0 | 0 | 10 | 04 | 2 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 0 |
| | 0530 | 64 | 1008.7 | 1001.4 | .. | 25.4 | 23.9 | 23.2 | 28.6 | 88 | .. | 3.0 | .. | 3.5 | 0 | 0 | 22 | 06 | 12 | 1 | 0 | 0 | 2 | 0 | 1 | 9 | 0 |
| | 0830 | 64 | 1010.7 | 1003.4 | -0.9 | 27.3 | 24.5 | 23.2 | 28.4 | 79 | - 1 | 3.3 | +0.9 | 5.2 | 0 | 0 | 27 | 08 | 7 | 4 | 1 | 0 | 0 | 1 | 6 | 4 | 0 |
| | 1130 | 64 | 1010.3 | 1003.1 | .. | 31.5 | 25.0 | 21.9 | 26.3 | 58 | .. | 5.0 | .. | 9.2 | 0 | 0 | 30 | 05 | 1 | 1 | 2 | 1 | 6 | 3 | 11 | 1 | 0 |
| | 1430 | 64 | 1007.5 | 1000.3 | .. | 31.4 | 25.3 | 22.8 | 27.3 | 60 | .. | 4.2 | .. | 16.0 | 0 | 10 | 21 | 00 | 0 | 0 | 1 | 1 | 11 | 13 | 5 | 0 | 0 |
| | 1730 | 64 | 1007.4 | 1000.2 | -0.7 | 29.9 | 25.2 | 23.1 | 28.3 | 68 | + 2 | 5.5 | +1.2 | 13.1 | 0 | 4 | 27 | 01 | 0 | 0 | 0 | 1 | 11 | 9 | 8 | 0 | 1 |
| | 2030 | 64 | 1009.8 | 1002.7 | .. | 27.9 | 24.9 | 23.6 | 28.9 | 78 | .. | 4.4 | .. | 5.9 | 0 | 0 | 28 | 01 | 0 | 0 | 0 | 0 | 5 | 9 | 13 | 3 | 0 |
| | 2330 | 64 | 1010.6 | 1003.3 | .. | 24.0 | 24.7 | 23.7 | 29.3 | 83 | .. | 4.4 | .. | 5.3 | 0 | 0 | 30 | 07 | 5 | 0 | 0 | 0 | 4 | 0 | 14 | 1 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1010.8 | 1009.9 | -1.0 | 28.7 | 24.8 | 23.0 | 28.3 | 72 | - 1 | 3.7 | +0.7 | 14.1 | 0 | 12 | 15 | 18 | 4 | 1 | 2 | 0 | 0 | 1 | 1 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1008.5 | 1008.1 | .. | 26.8 | 24.2 | 22.9 | 28.1 | 79 | .. | 3.2 | .. | 13.3 | 0 | 6 | 24 | 13 | 3 | 0 | 0 | 0 | 0 | 1 | 13 | 1 | 0 |
| | 0830 | 4 | 1010.7 | 1010.3 | -1.1 | 28.1 | 24.6 | 23.0 | 27.9 | 74 | + 1 | 3.3 | +0.4 | 9.3 | 0 | 2 | 25 | 14 | 3 | 3 | 0 | 0 | 0 | 0 | 9 | 4 | 0 |
| | 1130 | 4 | 1011.1 | 1010.7 | .. | 30.8 | 25.6 | 23.3 | 28.6 | 65 | .. | 3.2 | .. | 11.5 | 0 | 1 | 30 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 8 | 0 | 1 |
| | 1730 | 4 | 1007.7 | 1007.2 | .. | 30.1 | 25.6 | 23.6 | 29.3 | 68 | .. | 2.6 | .. | 14.1 | 0 | 0 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 2330 | 4 | 1010.0 | 1009.6 | .. | 27.7 | 24.9 | 23.6 | 29.1 | 78 | .. | 2.1 | .. | 19.0 | 0 | 11 | 19 | 08 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 1 | 0 |
| Agatti | 0830 | 4 | 1010.9 | 1010.3 | .. | 28.1 | 24.3 | 22.5 | 27.3 | 71 | .. | 4.8 | .. | 6.8 | 0 | 1 | 29 | 17 | 3 | 1 | 0 | 0 | 0 | 0 | 9 | 1 | 0 |
| | 1730 | 4 | 1008.4 | 1007.9 | .. | 29.3 | 24.9 | 22.9 | 27.9 | 68 | .. | 5.0 | .. | 9.1 | 0 | 1 | 30 | 19 | 0 | 0 | 0 | 0 | 0 | 1 | 11 | 0 | 0 |
| Androth | 0830 | 5 | 1011.3 | 1010.8 | .. | 28.3 | 25.0 | 23.6 | 28.9 | 74 | .. | 3.2 | .. | 7.0 | 0 | 0 | 30 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 3 |
| | 1730 | 5 | 1007.9 | 1007.4 | .. | 29.5 | 25.7 | 24.0 | 29.8 | 73 | .. | 3.2 | .. | 6.8 | 0 | 0 | 30 | 06 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 1 | 2 |
| Minicoy | 0530 | 2 | 1009.3 | 1009.1 | .. | 26.5 | 24.1 | 22.9 | 28.1 | 81 | .. | 3.0 | .. | 3.6 | 0 | 0 | 14 | 05 | 1 | 0 | 0 | 0 | 0 | 2 | 6 | 17 | 0 |
| | 0830 | 2 | 1011.2 | 1011.0 | -0.5 | 28.5 | 25.0 | 23.3 | 28.9 | 74 | + 0 | 3.5 | -0.2 | 5.2 | 0 | 0 | 22 | 10 | 1 | 2 | 0 | 0 | 1 | 1 | 7 | 0 | 0 |
| | 1130 | 2 | 1011.6 | 1011.4 | .. | 30.2 | 25.5 | 23.4 | 28.8 | 67 | .. | 3.8 | .. | 8.6 | 0 | 0 | 31 | 15 | 4 | 2 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| | 1430 | 2 | 1009.3 | 1009.1 | .. | 30.6 | 25.8 | 23.6 | 29.3 | 67 | .. | 3.9 | .. | 8.9 | 0 | 0 | 30 | 16 | 1 | 3 | 0 | 0 | 0 | 0 | 10 | 1 | 0 |
| | 1730 | 2 | 1008.5 | 1008.3 | -0.2 | 29.8 | 25.3 | 23.2 | 28.6 | 68 | - 4 | 3.5 | -0.7 | 8.9 | 0 | 0 | 28 | 12 | 1 | 3 | 0 | 0 | 0 | 0 | 12 | 3 | 0 |
| | 2030 | 2 | 1010.1 | 1009.9 | .. | 27.9 | 24.6 | 23.1 | 28.3 | 76 | .. | 2.6 | .. | 5.7 | 0 | 0 | 20 | 11 | 0 | 1 | 0 | 0 | 0 | 1 | 7 | 11 | 0 |
| | 2330 | 2 | 1010.9 | 1010.7 | .. | 27.3 | 24.3 | 23.0 | 27.9 | 77 | .. | 2.7 | .. | 5.9 | 0 | 0 | 19 | 04 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 12 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1438.3 | 799.1 | -0.6 | 11.2 | 8.0 | 4.4 | 8.3 | 67 | + 7 | 2.3 | -0.4 | 1.2 | 0 | 0 | 10 | 00 | 7 | 0 | 3 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 1959 | 1430.9 | 798.9 | -0.6 | 14.1 | 11.7 | 9.4 | 11.8 | 77 | +11 | 1.6 | -1.7 | 1.0 | 0 | 0 | 8 | 00 | 5 | 0 | 2 | 0 | 1 | 0 | 0 | 23 | 0 |
| Dharmsala | 0830 | 1211 | 1533.2 | 883.1 | -1.1 | 17.4 | 10.1 | 1.8 | 6.9 | 37 | -12 | 4.1 | +0.7 | 2.8 | 0 | 1 | 18 | 02 | 9 | 6 | 1 | 1 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 1211 | 1522.1 | 881.8 | -1.2 | 18.8 | 11.0 | 2.5 | 7.3 | 36 | -13 | 4.8 | +0.5 | 2.4 | 0 | 0 | 31 | 00 | 0 | 3 | 3 | 3 | 12 | 9 | 1 | 0 | 0 |
| Bhuntar | 0830 | 1067 | 1500.9 | 892.6 | .. | 9.9 | 7.8 | 5.6 | 9.1 | 76 | .. | 3.7 | .. | 2.9 | 0 | 0 | 17 | 10 | 0 | 1 | 2 | 0 | 0 | 0 | 4 | 14 | 0 |
| | 1730 | 1096 | 1470.7 | 887.9 | .. | 20.4 | 11.8 | 3.7 | 7.9 | 33 | .. | 4.8 | .. | 9.9 | 0 | 2 | 25 | 02 | 0 | 0 | 6 | 11 | 4 | 1 | 3 | 4 | 0 |
| Simla | 0830 | 2202 | 1487.3 | 780.9 | -0.6 | 10.6 | 3.0 | - 6.3 | 3.6 | 34 | - 3 | 2.7 | -0.6 | 0.9 | 0 | 0 | 13 | 02 | 1 | 0 | 4 | 5 | 1 | 0 | 0 | 18 | 0 |
| | 1730 | 2202 | 1481.7 | 780.7 | -0.2 | 12.3 | 6.9 | 0.7 | 6.4 | 47 | - 1 | 2.0 | -1.9 | 0.7 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 1 | 10 | 0 | 0 | 20 | 0 |
| Lokpal | 0830 | | .. | .. | .. | - 7.5 | -10.0 | -16.9 | 1.4 | 47 | -26 | 2.2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | * | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | .. | .. | 11.0 | 5.1 | - 2.8 | 4.8 | 40 | - 4 | 3.0 | +0.1 | 9.4 | 0 | 0 | 31 | 00 | 2 | 24 | 1 | 0 | 2 | 2 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 17.3 | 8.6 | - 1.5 | 5.4 | 29 | -11 | 5.3 | -0.2 | 5.0 | 0 | 0 | 31 | 02 | 1 | 10 | 8 | 2 | 2 | 4 | 2 | 0 | 0 |
| Mussoorie | 0830 | 2047 | 1483.0 | 795.9 | -1.8 | 12.4 | 5.6 | - 3.7 | 4.4 | 34 | -15 | 2.6 | -0.7 | 2.8 | 0 | 0 | 16 | 05 | 1 | 0 | 1 | 3 | 1 | 0 | 5 | 15 | 0 |
| | 1730 | 2047 | 1470.7 | 795.0 | -1.8 | 13.7 | 7.8 | 0.5 | 6.3 | 41 | -18 | 4.0 | +0.2 | 4.1 | 0 | 0 | 29 | 06 | 6 | 0 | 3 | 8 | 4 | 0 | 2 | 2 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3125.1 | 772.5 | +0.2 | 11.1 | 4.7 | - 5.6 | 3.8 | 35 | - 8 | 2.0 | -0.4 | 11.0 | 0 | 6 | 18 | 00 | 3 | 5 | 1 | 1 | 2 | 6 | 6 | 7 | 0 |
| | 1730 | 2311 | 3116.4 | 771.1 | +0.0 | 13.1 | 6.9 | - 0.3 | 6.0 | 42 | - 7 | 3.1 | -0.3 | 15.7 | 0 | 12 | 18 | 00 | 1 | 1 | 2 | 0 | 7 | 14 | 5 | 1 | 0 |
| Nainital | 0830 | 1953 | 1485.7 | 804.6 | -0.6 | 13.6 | 6.8 | - 1.7 | 5.3 | 37 | - 8 | 2.0 | -0.6 | 3.2 | 0 | 0 | 16 | 03 | 2 | 4 | 4 | 1 | 0 | 2 | 0 | 15 | 0 |
| | 1730 | 1953 | 1471.3 | 803.1 | -0.6 | 12.5 | 6.8 | 0.4 | 6.3 | 45 | -10 | 2.2 | -0.9 | 7.7 | 0 | 0 | 30 | 01 | 0 | 0 | 1 | 3 | 3 | 22 | 0 | 1 | 0 |
| Kalimpong | 0830 | 1209 | 1498.1 | 879.5 | +0.0 | 16.9 | 14.4 | 12.5 | 14.5 | 75 | + 5 | 0.1 | -2.0 | 5.2 | 0 | 0 | 31 | 00 | 0 | 0 | 4 | 0 | 0 | 0 | 27 | 0 | 0 |
| | 1730 | 1209 | 1453.9 | 874.8 | -2.0 | 18.1 | 14.9 | 12.6 | 14.6 | 71 | + 2 | 0.1 | -3.1 | 5.2 | 0 | 0 | 31 | 00 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1516.5 | 791.3 | +0.2 | 13.8 | 9.6 | 5.9 | 9.3 | 61 | - 7 | 2.7 | -0.8 | 1.5 | 0 | 0 | 13 | 08 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 18 | 1 |
| | 1730 | 2128 | 1490.3 | 788.7 | -0.3 | 13.0 | 9.6 | 6.6 | 9.7 | 66 | - 8 | 4.1 | -1.3 | 3.0 | 0 | 1 | 10 | 00 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 20 | 3 |
| Kohima | 0830 | 1406 | 1577.5 | 867.4 | +3.7 | 16.6 | 14.6 | 13.2 | 15.2 | 80 | +22 | 2.2 | -0.9 | 4.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 5 |
| | 1730 | 1406 | 1522.7 | 861.7 | +0.2 | 19.2 | 16.6 | 15.0 | 17.0 | 75 | + 9 | 2.6 | -0.8 | 3.7 | 0 | 0 | 30 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 1 | 2 |
| Shillong | 0830 | 1500 | 1513.4 | 851.5 | +0.7 | 20.1 | 16.8 | 14.7 | 16.7 | 71 | +27 | 2.8 | +0.7 | 5.3 | 0 | 4 | 7 | 00 | 0 | 0 | 0 | 2 | 5 | 3 | 1 | 20 | 0 |
| | 1730 | 1500 | 1482.0 | 848.4 | +0.1 | 19.3 | 17.3 | 16.1 | 18.3 | 80 | +23 | 2.7[a] | -1.5 | 2.3[a] | 0 | 1 | 4 | 00 | 0 | 0 | 0 | 1 | 3 | 1 | 0 | 25 | 0 |
| Cherrapunji | 0830 | 1313 | 1501.9 | 869.1 | -0.8 | 18.0 | 13.2 | 9.3 | 11.7 | 59 | - 2 | 1.7 | -1.3 | 3.4 | 0 | 0 | 31 | 00 | 17 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1484.3 | 867.3 | +0.0 | 17.7 | 13.1 | 9.3 | 11.7 | 59 | - 8 | 1.1 | -1.9 | 3.0 | 0 | 0 | 30 | 00 | 2 | 0 | 0 | 0 | 22 | 0 | 0 | 1 | 0 |
| Abu | 0830 | 1195 | 1515.8 | 882.6 | +0.4 | 17.9 | 9.0 | - 3.5 | 4.6 | 27 | - 6 | 0.6 | -0.8 | 2.6 | 0 | 0 | 16 | 0[illegible] | 3 | 0 | 0 | 2 | 3 | 4 | 2 | 14 | 0 |
| | 1730 | 1195 | 1500.4 | 850.4 | -0.4 | 23.7 | 11.5 | - 3.5 | 4.6 | 17 | -10 | 0.9 | -0.7 | 5.2 | 0 | 3 | 16 | 02 | 2 | 0 | 0 | 2 | 5 | 6 | 1 | 12 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1522.5 | 895.3 | -0.4 | 21.4 | 11.6 | - 0.2 | 6.5 | 27 | - 9 | 1.2 | -0.7 | 2.3 | 0 | 0 | 20 | 02 | 2 | 5 | 1 | 1 | 0 | 1 | 2 | 11 | 0 |
| | 1730 | 1075 | 1504.1 | 892.5 | -0.5 | 27.2 | 13.3 | - 3.5 | 5.1 | 16 | - 9 | 1.9 | -0.7 | 3.7 | 0 | 0 | 31 | 03 | 7 | 0 | 0 | 1 | 3 | 3 | 14 | 3 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1515.6 | 863.5 | -0.9 | 19.1 | 10.9 | 1.6 | 7.2 | 33 | - 3 | 0.8 | -0.1 | 10.4 | 0 | 0 | 31 | 01 | 20 | 0 | 5 | 0 | 1 | 0 | 4 | 0 | 0 |
| | 1730 | 1382 | 1504.3 | 862.1 | -0.4 | 26.8 | 16.5 | 8.1 | 11.5 | 32 | -11 | 0.8 | -0.8 | 9.8 | 0 | 0 | 31 | 00 | 4 | 0 | 2 | 0 | 4 | 0 | 21 | 0 | 0 |
| Mercara | 0830 | 1152 | 1515.4 | 856.7 | -0.2 | 20.6 | 17.7 | 15.9 | 18.1 | 75 | + 2 | 1.5 | -0.3 | 8.1 | 0 | 0 | 30 | 00 | 15 | 15 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 1152 | 1494.6 | 833.9 | -0.3 | 25.0 | 19.8 | 15.8 | 18.5 | 57 | + 3 | 3.3 | +0.5 | 7.3 | 0 | 0 | 31 | 00 | 2 | 4 | 0 | 0 | 4 | 9 | 5 | 0 | 4 |
| Gotacamund | 0830 | 2249 | 1525.1 | 781.1 | +0.0 | 13.2 | 9.9 | 7.0 | 10.1 | 68 | + 7 | 1.2 | -0.2 | 0.9 | 0 | 0 | 8 | 00 | 3 | 3 | 1 | 1 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 2249 | 1483.4 | 778.6 | -0.4 | 18.5 | 13.7 | 10.2 | 12.4 | 60 | + 4 | 4.1 | +0.4 | 1.3 | 0 | 0 | 16 | 00 | 9 | 7 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| Coonoor | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Kodaikanal | 0830 | 2343 | 3167.7 | 772.0 | -0.6 | 15.3 | 9.2 | 2.6 | 7.7 | 46 | - 6 | 3.2 | +1.3 | 12.8 | 0 | 4 | 27 | 10 | 10 | 5 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 2343 | 3177.3 | 772.5 | .. | 18.7 | 12.1 | 6.4 | 9.9 | 47 | .. | 4.6 | .. | 14.4 | 0 | 6 | 25 | 03 | 8 | 5 | 6 | 1 | 0 | 1 | 2 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kodaikanal (Contd.) | 1730 | 2343 | 3147.9 | 770.6 | -0.7 | 15.3 | 12.2 | 9.8 | 12.2 | 72 | + 5 | 1.7 | -2.5 | 9.7 | 0 | 1 | 28 | 08 | 6 | 2 | 8 | 0 | 0 | 0 | 5 | 2 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1499.1 | 868.0 | -2.0 | 12.3 | 10.2 | 8.3 | 11.0 | 77 | + 5 | 2.7 | +0.1 | 0.6 | 0 | 0 | 3 | 00 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 28 | 0 |
| | 1130 | 1324 | 1495.8 | 867.1 | .. | 22.3 | 14.0 | 6.8 | 10.0 | 38 | .. | 2.5 | .. | 1.5 | 0 | 0 | 15 | 00 | 2 | 0 | 4 | 2 | 1 | 2 | 3 | 16 | 1 |
| | 1730 | 1324 | 1469.7 | 864.6 | -2.2 | 20.8 | 13.6 | 7.4 | 10.4 | 42 | -11 | 2.1 | -1.4 | 2.2 | 0 | 0 | 14 | 02 | 0 | 1 | 0 | 2 | 0 | 0 | 9 | 17 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830[b] | | .. | .. | .. | 6.1 | 2.4 | - 2.9 | 4.8 | 52 | -14 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 25.7 | 14.8 | 3.8 | 8.0 | 25 | .. | 1.3 | .. | 9.0 | 0 | 1 | 23 | 00 | 0 | 0 | 0 | 0 | 7 | 16 | 1 | 7 | 0 |
| | 1730 | | .. | .. | .. | 29.7 | 15.4 | - 0.7 | 5.8 | 15 | .. | 1.3 | .. | 9.2 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | 4 | 0 |
| Hazaribagh | 0830 | 6154 | 1009.9 | 942.0 | .. | 24.6 | 14.8 | 6.6 | 9.7 | 31 | .. | 1.5 | .. | 7.7 | 0 | 3 | 20 | 03 | 0 | 0 | 0 | 4 | 1 | 4 | 11 | 8 | 0 |
| | 1730 | 6154 | 1005.7 | 938.7 | .. | 27.5 | 15.9 | 6.2 | 9.5 | 27 | .. | 2.0 | .. | 4.0 | 0 | 0 | 24 | 02 | 0 | 0 | 0 | 0 | 0 | 9 | 13 | 7 | 0 |
| Konar | 0830 | | .. | .. | .. | 23.2 | 16.1 | 9.6 | 11.9 | 45 | .. | 0.3 | .. | 3.6 | 0 | 0 | 31 | 02 | 0 | 0 | 0 | 1 | 3 | 17 | 8 | 0 | 0 |
| | 1730 | | .. | .. | .. | 25.4 | 17.5 | 11.3 | 13.4 | 44 | .. | 0.0 | .. | 3.7 | 0 | 0 | 31 | 01 | 0 | 1 | 0 | 0 | 0 | 18 | 11 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1010.2 | 982.8 | .. | 24.0 | 14.9 | 6.4 | 9.5 | 33 | .. | 1.1 | .. | 3.2 | 0 | 0 | 22 | 01 | 1 | 0 | 0 | 0 | 1 | 10 | 9 | 9 | 0 |
| | 1730 | 2420 | 1006.0 | 979.3 | .. | 31.3 | 19.9 | 10.4 | 12.6 | 29 | .. | 0.8 | .. | 3.2 | 0 | 0 | 22 | 03 | 0 | 0 | 0 | 0 | 0 | 3 | 16 | 9 | 0 |
| Maithon | 0830 | | .. | .. | .. | 29.9 | 17.0 | 5.1 | 8.8 | 22 | .. | 1.7 | .. | .. | . | .. | .. | 01 | 1 | 0 | 4 | 2 | 15 | 3 | 5 | 0 | 0 |
| | 1730 | | .. | .. | .. | 32.5 | 18.7 | 7.0 | 10.0 | 21 | .. | 1.6 | .. | .. | . | .. | .. | 00 | 2 | 0 | 5 | 1 | 11 | 4 | 8 | 0 | 0 |
| Bangarh | 0830 | | .. | .. | .. | 22.7 | 13.7 | 4.1 | 8.1 | 33 | .. | 0.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 30.8 | 17.3 | 4.0 | 8.1 | 20 | .. | 0.9 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 25.3 | 15.7 | 7.1 | 10.1 | 34 | .. | 1.1 | .. | 3.1 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 4 | 0 | 21 | 6 | 0 |
| | 1730 | | .. | .. | .. | 33.1 | 18.2 | 5.1 | 8.8 | 19 | .. | 0.6 | .. | 1.9 | 0 | 0 | 13 | 00 | 1 | 0 | 0 | 0 | 3 | 0 | 9 | 18 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 26.1 | 17.2 | 10.2 | 12.4 | 36 | .. | 1.3 | .. | 4.8 | 0 | 0 | 27 | 00 | 0 | 0 | 1 | 2 | 3 | 1 | 20 | 4 | 0 |
| | 1730 | | .. | .. | .. | 32.0 | 19.1 | 9.2 | 11.6 | 25 | .. | 0.9 | .. | 3.5 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 1 | 2 | 1 | 19 | 8 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 24.2 | 14.3 | 5.3 | 9.1 | 31 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1010.9 | 993.0 | .. | 26.6 | 17.9 | 11.3 | 13.4 | 39 | .. | 1.1 | .. | 2.9 | 0 | 0 | 17 | 04 | 1 | 3 | 0 | 0 | 1 | 4 | 4 | 13 | 1 |
| | 1130 | 159 | 1010.1 | 992.4 | .. | 32.1 | 19.2 | 9.4 | 11.8 | 26 | .. | 1.0 | .. | 3.6 | 0 | 0 | 27 | 02 | 1 | 3 | 0 | 1 | 4 | 9 | 7 | 4 | 0 |
| | 1730 | 159 | 1005.9 | 988.3 | .. | 33.1 | 19.4 | 8.9 | 11.4 | 24 | .. | 1.3 | .. | 1.6 | 0 | 0 | 15 | 00 | 0 | 1 | 0 | 1 | 2 | 6 | 5 | 16 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 24.9 | 18.7 | 14.5 | 16.5 | 53 | .. | 2.0 | .. | 0.8 | 0 | 0 | 10 | 00 | 1 | 0 | 1 | 0 | 2 | 0 | 6 | 21 | 0 |
| | 1730 | | .. | .. | .. | 31.9 | 20.4 | 12.6 | 14.6 | 32 | .. | 1.8 | .. | 0.9 | 0 | 0 | 11 | 01 | 0 | 0 | 2 | 1 | 2 | 0 | 5 | 20 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 28.1 | 20.5 | 15.8 | 17.9 | 49 | .. | . | .. | 2.7 | 0 | 0 | 21 | 06 | 0 | 6 | 0 | 7 | 0 | 2 | 0 | 10 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 26.2 | 16.1 | 7.4 | 10.1 | 32 | .. | . | .. | 4.9 | 0 | 0 | 31 | 03 | 4 | 3 | 8 | 4 | 4 | 2 | 3 | 0 | 0 |
| | 1730 | | .. | .. | .. | 33.5 | 17.5 | 1.7 | 7.0 | 16 | .. | . | .. | 8.4 | 0 | 0 | 29 | 06 | 2 | 0 | 3 | 2 | 5 | 1 | 10 | 2 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 23.3 | 13.3 | 1.5 | 7.2 | 26 | .. | 0.8 | .. | 12.5 | 0 | 0 | 31 | 00 | 9 | 6 | 1 | 2 | 9 | 4 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 32.6 | 17.0 | 0.1 | 6.8 | 14 | .. | 1.3 | .. | 11.2 | 0 | 1 | 27 | 01 | 9 | 2 | 1 | 0 | 5 | 3 | 7 | 3 | 0 |
| Punasa | 0830 | | .. | .. | .. | 25.2 | 15.1 | 4.6 | 9.0 | 29 | .. | 1.2 | .. | 9.5 | 0 | 0 | 31 | 01 | 15 | 3 | 1 | 2 | 6 | 3 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 33.8 | 19.2 | 6.6 | 10.4 | 20 | .. | 0.5 | .. | 10.0 | 0 | 0 | 31 | 03 | 17 | 1 | 2 | 2 | 3 | 2 | 1 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 25.7 | 15.0 | 4.4 | 8.4 | 26 | .. | 0.4 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 18.0 | 12.0 | 5.9 | 9.3 | 47 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 33.1 | 16.7 | - 1.2 | 5.7 | 11 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 9.3 | 6.2 | 3.3 | 7.8 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 11.1 | 8.4 | 6.3 | 9.7 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 18.5 | 13.4 | 9.1 | 11.7 | 55 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.2 | 17.9 | 13.3 | 16.1 | 53 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tisure | 0830 | | .. | .. | .. | 11.6 | 5.6 | - 2.6 | 5.2 | 40 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.4 | 10.1 | 1.3 | 7.0 | 34 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 19.8 | 13.8 | 8.8 | 11.5 | 50 | .. | 1.5 | .. | 1.7 | 0 | 0 | 17 | 03 | 1 | 0 | 4 | 1 | 3 | 0 | 5 | 14 | 0 |
| | 1130 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | .. | .. | .. | 24.7 | 18.3 | 7.4 | 10.5 | 34 | .. | 2.3 | .. | 4.5 | 0 | 1 | 25 | 00 | 0 | 3 | 14 | 7 | 0 | 0 | 2 | 5 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 19.6 | 17.4 | 5.7 | 9.3 | 41 | .. | 1.8 | .. | .. | . | .. | .. | 01 | 0 | 2 | 2 | 1 | 9 | 1 | 1 | 14 | 0 |
| | 1130 | | .. | .. | .. | 23.4 | 14.4 | 6.6 | 9.3 | 35 | .. | 1.5 | .. | .. | . | .. | .. | 00 | 2 | 0 | 1 | 0 | 26 | 1 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 22.0 | 13.4 | 5.5 | 9.3 | 35 | .. | 1.8 | .. | .. | . | .. | .. | 00 | 1 | 0 | 0 | 0 | 25 | 0 | 1 | 4 | 0 |
| Nuwakot | 0830 | | .. | .. | .. | 19.3 | 12.0 | 7.2 | 10.4 | 47 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.5 | 13.5 | 3.8 | 8.3 | 29 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 17.5 | 13.0 | 9.2 | 11.8 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - MARCH 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km. p.h.) 62 or more | Wind Speed (Km. p.h.) 20 to 61 | Wind Speed (Km. p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES (TRANS HIMALAYAN REGION)(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh (Contd.) | 1730 | | .. | .. | .. | 19.7 | 14.3 | 9.8 | 12.3 | 55 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | .. | .. | .. | 13.8 | 7.7 | 1.1 | 6.8 | 44 | .. | 2.2 | .. | 4.8 | 0 | 0 | 29 | 01 | 1 | 8 | 13 | 4 | 1 | 1 | 0 | 2 | 0 |
| | 1130 | | .. | .. | .. | 17.4 | 9.6 | 1.7 | 7.1 | 37 | .. | 2.5 | .. | 5.7 | 0 | 0 | 31 | 09 | 1 | 4 | 5 | 0 | 1 | 0 | 11 | 0 | 0 |
| | 1730 | | .. | .. | .. | 16.1 | 8.8 | 0.9 | 6.7 | 39 | .. | 2.6 | .. | 7.7 | 0 | 0 | 31 | 02 | 0 | 0 | 4 | 4 | 11 | 3 | 7 | 0 | 0 |
| Sallyana | 0830 | | .. | .. | .. | 18.8 | 11.3 | 3.8 | 8.1 | 37 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.9 | 11.5 | 2.7 | 7.7 | 34 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 23.0 | 15.3 | 8.3 | 11.2 | 40 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 29.6 | 17.9 | 8.2 | 11.3 | 27 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | .. | .. | .. | 18.4 | 14.1 | 11.0 | 13.3 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.3 | 15.2 | 10.1 | 12.8 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830[a] | | .. | .. | .. | 6.2 | 2.0 | - 3.7 | 4.7 | 53 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 5.9 | 3.6 | 1.2 | 6.7 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 17.4 | 11.5 | 5.8 | 9.3 | 47 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.5 | 12.3 | 5.5 | 9.3 | 41 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 17.8 | 11.6 | 6.2 | 9.7 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.7 | 11.1 | 6.1 | 9.7 | 51 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 15.2 | 10.2 | 5.5 | 9.0 | 53 | .. | 2.3[b] | .. | .. | . | .. | .. | 03 | 0 | 0 | 1 | 0 | 0 | 1 | 2 | 24 | 0 |
| | 1130 | | .. | .. | .. | 18.6 | 11.9 | 6.1 | 9.6 | 45 | .. | 3.4[a] | .. | .. | . | .. | .. | 02 | 1 | 0 | 1 | 4 | 6 | 10 | 1 | 4 | 0 |
| | 1730 | | .. | .. | .. | 17.0 | 11.0 | 5.7 | 9.1 | 48 | .. | 3.9[c] | .. | .. | . | .. | .. | 03 | 0 | 0 | 7 | 16 | 0 | 0 | 1 | 4 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 15.8 | 10.2 | 5.0 | 8.9 | 50 | .. | 0.6 | .. | 0.5 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 27 | 0 |
| | 1130 | | .. | .. | .. | 19.0 | 11.5 | 4.5 | 8.7 | 41 | .. | 0.7 | .. | 3.3 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 7 | 1 | 7 | 1 | 15 | 0 |
| | 1730 | | .. | .. | .. | 16.2 | 10.0 | 3.8 | 8.3 | 45 | .. | 1.8 | .. | 3.6 | 0 | 0 | 14 | 01 | 0 | 0 | 0 | 2 | 0 | 10 | 1 | 17 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 18.6 | 12.9 | 7.9 | 10.7 | 51 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 20.3 | 13.3 | 7.2 | 10.3 | 44 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830[f] | | .. | .. | .. | 20.7 | 14.0 | 8.6 | 11.5 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730[e] | | .. | .. | .. | 21.4 | 14.0 | 8.3 | 11.3 | 44 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1010.8 | 994.1 | .. | 22.9 | 15.7 | 9.6 | 12.3 | 44 | .. | 1.0 | .. | 1.9 | 0 | 0 | 15 | 00 | 1 | 2 | 1 | 1 | 7 | 0 | 3 | 16 | 0 |
| | 1130 | 146 | 1008.9 | 992.6 | .. | 29.4 | 18.6 | 10.0 | 12.7 | 31 | .. | 1.0 | .. | 4.1 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 18 | 9 | 0 | 4 | 0 |
| | 1730 | 146 | 1005.5 | 989.2 | .. | 27.9 | 17.7 | 9.2 | 12.1 | 33 | .. | 1.5 | .. | 1.5 | 0 | 0 | 15 | 00 | 2 | 7 | 2 | 1 | 1 | 1 | 0 | 16 | 1 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1493.6 | 818.9 | .. | 13.6 | 10.1 | 6.9 | 10.2 | 65 | .. | 0.3 | .. | 0.4 | 0 | 0 | 4 | 02 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 27 | 0 |
| | 1130 | 1812 | 1484.8 | 818.6 | .. | 18.6 | 12.5 | 7.5 | 10.7 | 50 | .. | 3.2 | .. | 3.9 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 15 | 9 | 2 | 0 | 4 | 0 |
| | 1730 | 1812 | 1465.9 | 816.4 | .. | 15.4 | 11.2 | 7.6 | 10.7 | 61 | .. | 5.9 | .. | 4.0 | 0 | 1 | 18 | 01 | 3 | 0 | 3 | 11 | 1 | 0 | 0 | 12 | 0 |
| Gezing | 0830 | | .. | .. | .. | 15.9 | 12.9 | 10.7 | 13.3 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.6 | 13.7 | 11.5 | 14.2 | 74 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 54 stations in India. Out of these, at 40 stations all the observations were taken by means of Pilot Balloons and at 14 stations some observations were made by means of Pilot Ballons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 Km. above mean sea level are given under Table IV and data above 9.0 Km. above mean sea level under Table V.

In Tables IV and V :-

n - represents the number of observations;

V - represents the mean wind speed in metres per second irrespective of direction;

v - represents the resultant mean velocity in metres per second;

D - represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 Km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 Km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30.0 Km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 Mb. respectively.

** ** **

PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| S.No. | Station | Latitude | Longitude | Height of anemometer head amsl in metres | Date of opening ** | Approximate times of flight ( I. S. T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ° ′ N | ° ′ E | | | | | | |
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santacruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/ Willingdon + | 09 50 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 03 | 88 16 | 2115 | 1st Jun. 1963 | 0830 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 37 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 38. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 39. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 40. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 41. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 42. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | |
| 43. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 44. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 45. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 46. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 47. | Srinagar | 34 06 | 74 48 | 1588 | 1st Aug. 1962 | 0530* | | 1730* | |
| 48. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 49. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 50. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 51. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 52. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 53. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 54. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH.1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | | | | | AHMADABAD | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 01.5 | 180 | 31 | 02.1 | 01.4 | 211 | 31 | 02.3 | 01.5 | 202 | 31 | 02.1 | 01.5 | 179 | 31 | 02.5 | 01.3 | 343 | 31 | 03.5 | 01.6 | 038 |
| .15 A.G.L. | 24 | 05.4 | 03.1 | 182 | 31 | 04.5 | 03.1 | 215 | 31 | 05.2 | 02.9 | 209 | 31 | 07.5 | 05.4 | 191 | 31 | 08.3 | 04.0 | 348 | 31 | 04.6 | 01.7 | 021 |
| .3A.M.S.L. | 24 | 06.2 | 03.1 | 202 | 31 | 04.9 | 03.4 | 212 | 31 | 05.2 | 03.1 | 212 | 31 | 08.1 | 06.2 | 208 | 31 | 08.6 | 04.0 | 348 | 31 | 04.6 | 01.3 | 034 |
| .6 ,, | 24 | 05.8 | 03.1 | 226 | 31 | 05.1 | 03.9 | 214 | 31 | 05.6 | 04.1 | 215 | 31 | 07.4 | 05.8 | 225 | 31 | 08.5 | 03.4 | 336 | 31 | 04.8 | 01.2 | 032 |
| .9 ,, | 24 | 05.5 | 03.8 | 250 | 31 | 05.1 | 03.9 | 226 | 31 | 05.6 | 04.5 | 228 | 31 | 06.6 | 05.3 | 240 | 31 | 08.0 | 02.1 | 328 | 31 | 05.0 | 00.7 | 321 |
| 1.5 ,, | 22 | 06.5 | 05.5 | 273 | 31 | 06.8 | 05.1 | 245 | 31 | 05.5 | 05.0 | 250 | 29 | 05.8 | 05.0 | 268 | 31 | 07.5 | 02.8 | 254 | 31 | 06.1 | 03.2 | 246 |
| 2.1 ,, | 20 | 07.5 | 06.9 | 282 | 24 | 07.6 | 06.4 | 267 | 31 | 07.7 | 07.2 | 270 | 27 | 07.5 | 06.8 | 284 | 31 | 09.4 | 07.4 | 242 | 31 | 07.9 | 05.7 | 243 |
| 3.0 ,, | 18 | 10.0 | 09.1 | 282 | 15 | 10.0 | 07.9 | 280 | 30 | 11.3 | 10.2 | 284 | 25 | 10.5 | 09.5 | 286 | 31 | 10.6 | 08.5 | 236 | 31 | 09.5 | 07.2 | 247 |
| 3.6 ,, | 16 | 10.3 | 09.5 | 282 | | | | | 26 | 13.6 | 11.7 | 286 | 07 | 12.1 | 11.5 | 282 | 31 | 11.4 | 09.2 | 247 | 31 | 09.5 | 07.2 | 247 |
| 4.5 ,, | 13 | 12.5 | 11.6 | 268 | | | | | 20 | 15.0 | 14.4 | 290 | 02 | 15.0 | 15.0 | 288 | 31 | 12.7 | 10.5 | 247 | 31 | 12.3 | 10.1 | 250 |
| 5.4 ,, | 10 | 15.2 | 13.8 | 274 | | | | | 16 | 18.0 | 16.5 | 287 | 01 | 13.0 | 13.0 | 285 | 31 | 16.3 | 13.8 | 255 | 31 | 14.5 | 12.5 | 255 |
| 6.0 ,, | 09 | 15.9 | 13.8 | 276 | | | | | 15 | 16.5 | 15.0 | 284 | 01 | 11.0 | 11.0 | 285 | 30 | 17.7 | 14.1 | 255 | 30 | 16.1 | 13.9 | 260 |
| 7.2 ,, | 04 | 18.5 | 15.2 | 283 | | | | | 10 | 18.3 | 15.5 | 273 | | | | | 29 | 22.9 | 18.6 | 264 | 23 | 20.0 | 17.2 | 266 |
| 9.0 ,, | 03 | 24.6 | 21.9 | 287 | | | | | 04 | 22.7 | 20.7 | 237 | | | | | 25 | 28.0 | 22.6 | 270 | 13 | 27.2 | 25.0 | 273 |

| STATION | AHMADABAD | | | | | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.9 | 01.2 | 304 | 31 | 01.6 | 00.5 | 338 | 31 | 00.1 | 00.1 | 270 | 31 | 01.8 | 01.5 | 277 | 31 | 02.0 | 01.8 | 288 | 31 | 00.4 | 00.4 | 294 |
| .15 A.G.L. | 31 | 05.3 | 02.4 | 315 | 31 | 07.1 | 03.6 | 328 | 31 | 06.0 | 04.8 | 302 | 31 | 04.5 | 03.6 | 289 | 31 | 06.5 | 06.0 | 300 | 31 | 07.8 | 03.9 | 328 |
| .3A.M.S.L. | 31 | 05.4 | 02.4 | 315 | 31 | 07.0 | 03.5 | 330 | 31 | 06.0 | 04.8 | 302 | 31 | 04.9 | 03.9 | 288 | 31 | 06.5 | 06.0 | 300 | 31 | 08.0 | 07.1 | 328 |
| .6 ,, | 31 | 05.6 | 02.3 | 314 | 31 | 06.7 | 03.4 | 328 | 31 | 06.3 | 05.2 | 304 | 31 | 05.9 | 04.9 | 289 | 31 | 06.3 | 06.0 | 304 | 31 | 07.7 | 07.2 | 319 |
| .9 ,, | 31 | 05.9 | 02.8 | 304 | 31 | 06.2 | 02.8 | 322 | 31 | 07.0 | 06.1 | 302 | 31 | 06.8 | 05.5 | 289 | 31 | 06.2 | 06.0 | 294 | 31 | 07.8 | 07.4 | 304 |
| 1.5 ,, | 31 | 05.6 | 02.6 | 285 | 31 | 05.7 | 02.1 | 264 | 31 | 08.8 | 08.3 | 283 | 31 | 09.1 | 08.2 | 295 | 31 | 07.0 | 06.5 | 291 | 31 | 09.1 | 08.7 | 288 |
| 2.1 ,, | 31 | 07.3 | 04.8 | 265 | 31 | 07.0 | 04.5 | 247 | 31 | 10.4 | 09.7 | 284 | 29 | 10.4 | 09.3 | 293 | 31 | 08.8 | 08.0 | 286 | 27 | 10.4 | 09.9 | 283 |
| 3.0 ,, | 31 | 09.9 | 07.9 | 243 | 30 | 08.0 | 06.0 | 241 | 31 | 12.3 | 11.1 | 278 | 28 | 11.3 | 09.8 | 283 | 31 | 11.6 | 10.2 | 274 | 17 | 12.3 | 11.9 | 278 |
| 3.6 ,, | 30 | 11.8 | 09.8 | 246 | 05 | 08.0 | 05.5 | 241 | 31 | 12.8 | 11.9 | 276 | 27 | 11.4 | 10.2 | 277 | 31 | 12.4 | 11.5 | 273 | 03 | 12.7 | 12.2 | 263 |
| 4.5 ,, | 30 | 13.8 | 10.9 | 242 | 02 | 09.0 | 09.0 | 278 | 31 | 13.5 | 12.9 | 272 | 27 | 13.9 | 12.6 | 282 | 31 | 13.6 | 12.6 | 274 | | | | |
| 5.4 ,, | 30 | 15.8 | 14.3 | 248 | 01 | 11.0 | 11.0 | 270 | 31 | 15.4 | 13.9 | 274 | 26 | 16.9 | 15.7 | 280 | 30 | 16.3 | 14.8 | 276 | | | | |
| 6.0 ,, | 29 | 19.0 | 16.5 | 248 | | | | | 31 | 17.3 | 15.6 | 274 | 22 | 18.9 | 17.2 | 277 | 30 | 17.3 | 16.0 | 273 | | | | |
| 7.2 ,, | 27 | 24.5 | 20.2 | 262 | | | | | 31 | 21.6 | 19.8 | 271 | 21 | 24.3 | 22.1 | 283 | 30 | 22.1 | 19.3 | 273 | | | | |
| 9.0 ,, | 21 | 29.0 | 27.1 | 264 | | | | | 30 | 29.9 | 26.0 | 265 | 08 | 24.5 | 21.4 | 279 | 30 | 28.7 | 26.0 | 267 | | | | |

| STATION | AMBALA | | | | | | | | | | | | | | | | AMINI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.5 | 01.0 | 317 | 31 | 02.1 | 01.2 | 308 | 31 | 02.8 | 01.6 | 290 | 31 | 02.1 | 01.5 | 318 | 31 | 03.8 | 03.4 | 328 | 31 | 03.5 | 03.1 | 336 |
| .15 A.G.L. | 31 | 08.2 | 05.0 | 318 | 31 | 05.1 | 02.3 | 290 | 30 | 07.6 | 04.5 | 282 | 31 | 08.9 | 05.7 | 330 | 31 | 05.1 | 04.7 | 341 | 31 | 04.5 | 04.2 | 335 |
| .3A.M.S.L. | 31 | 03.3 | 02.0 | 327 | 31 | 02.9 | 01.6 | 289 | 30 | 04.5 | 02.5 | 274 | 31 | 04.0 | 02.6 | 325 | 31 | 05.3 | 04.8 | 341 | 31 | 04.2 | 04.0 | 337 |
| .6 ,, | 31 | 07.9 | 05.3 | 317 | 31 | 06.0 | 03.3 | 300 | 30 | 07.6 | 05.0 | 289 | 31 | 08.4 | 05.3 | 327 | 31 | 04.7 | 04.1 | 341 | 31 | 04.3 | 03.9 | 340 |
| .9 ,, | 31 | 07.7 | 04.9 | 313 | 31 | 06.5 | 03.6 | 302 | 30 | 07.9 | 05.0 | 291 | 30 | 08.4 | 05.0 | 322 | 30 | 04.4 | 03.3 | 350 | 28 | 04.1 | 03.3 | 352 |
| 1.5 ,, | 27 | 06.7 | 04.7 | 303 | 28 | 06.1 | 02.4 | 308 | 26 | 07.2 | 04.8 | 304 | 28 | 07.5 | 03.0 | 297 | 29 | 04.1 | 01.5 | 058 | 28 | 03.7 | 02.4 | 033 |
| 2.1 ,, | 25 | 07.9 | 05.8 | 301 | 28 | 07.0 | 01.7 | 296 | 25 | 07.1 | 03.6 | 298 | 26 | 07.9 | 04.5 | 281 | 20 | 03.9 | 02.8 | 109 | 24 | 04.2 | 02.9 | 058 |
| 3.0 ,, | 24 | 07.4 | 04.9 | 295 | 26 | 07.6 | 03.8 | 269 | 25 | 07.4 | 04.7 | 292 | 21 | 08.1 | 06.0 | 273 | 15 | 05.9 | 05.0 | 090 | 21 | 05.7 | 04.8 | 085 |
| 3.6 ,, | 22 | 08.3 | 05.5 | 280 | 25 | 09.4 | 05.8 | 259 | 23 | 07.8 | 04.9 | 278 | 08 | 06.1 | 05.0 | 273 | 10 | 05.2 | 02.9 | 073 | 19 | 04.3 | 02.7 | 080 |
| 4.5 ,, | 18 | 10.4 | 08.2 | 275 | 22 | 12.7 | 08.8 | 266 | 20 | 10.0 | 07.2 | 281 | 03 | 09.7 | 09.0 | 236 | 05 | 04.4 | 01.8 | 071 | 16 | 04.3 | 01.1 | 221 |
| 5.4 ,, | 17 | 15.1 | 12.3 | 272 | 17 | 16.4 | 13.3 | 270 | 16 | 14.1 | 12.1 | 276 | 01 | 15.0 | 15.0 | 230 | 02 | 08.0 | 07.9 | 251 | 11 | 07.0 | 04.2 | 247 |
| 6.0 ,, | 15 | 16.3 | 12.7 | 271 | 16 | 18.1 | 14.7 | 272 | 15 | 16.9 | 14.3 | 279 | 01 | 11.0 | 11.0 | 230 | | | | | 10 | 08.7 | 03.7 | 241 |
| 7.2 ,, | 06 | 19.2 | 14.3 | 284 | 06 | 26.3 | 21.0 | 260 | 07 | 29.4 | 23.6 | 277 | | | | | | | | | 06 | 09.2 | 02.6 | 194 |
| 9.0 ,, | | | | | 01 | 19.0 | 19.0 | 285 | 02 | 34.5 | 33.3 | 296 | | | | | | | | | 04 | 11.3 | 06.5 | 192 |

| STATION | AMINI | | | | ANANTAPUR | | | | | | | | | | | | ARAMBOL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.5 | 04.9 | 322 | 31 | 01.7 | 00.6 | 184 | 31 | 02.5 | 02.3 | 068 | 31 | 03.9 | 03.4 | 098 | 31 | 00.8 | 00.6 | 288 | 31 | 02.4 | 01.9 | 310 |
| .15 A.G.L. | 31 | 05.8 | 05.5 | 319 | 31 | 05.6 | 02.3 | 214 | 31 | 04.7 | 04.5 | 071 | 31 | 07.6 | 06.5 | 105 | 31 | 05.4 | 04.3 | 298 | 31 | 05.1 | 04.1 | 305 |
| .3A.M.S.L. | 31 | 06.9 | 05.5 | 319 | | | | | | | | | | | | | 31 | 05.7 | 04.3 | 303 | 31 | 05.0 | 04.1 | 305 |
| .6 ,, | 31 | 05.5 | 04.8 | 318 | 31 | 05.9 | 02.9 | 209 | 31 | 04.4 | 03.5 | 072 | 31 | 07.8 | 06.9 | 106 | 31 | 06.9 | 05.4 | 317 | 31 | 05.2 | 04.3 | 302 |
| .9 ,, | 31 | 04.4 | 03.2 | 333 | 31 | 06.2 | 02.9 | 167 | 31 | 04.4 | 03.5 | 075 | 31 | 07.9 | 07.0 | 115 | 31 | 07.3 | 06.2 | 312 | 30 | 04.7 | 03.8 | 295 |
| 1.5 ,, | 29 | 03.3 | 02.0 | 043 | 31 | 06.6 | 03.9 | 128 | 31 | 04.6 | 03.5 | 082 | 31 | 04.7 | 03.6 | 110 | 31 | 08.7 | 07.4 | 287 | 28 | 06.4 | 04.2 | 286 |
| 2.1 ,, | 25 | 06.3 | 05.5 | 081 | 31 | 05.9 | 04.0 | 098 | 31 | 04.8 | 03.4 | 090 | 31 | 03.6 | 02.0 | 085 | 31 | 11.0 | 10.2 | 285 | 20 | 07.6 | 06.7 | 274 |
| 3.0 ,, | 19 | 06.7 | 05.9 | 089 | 31 | 04.4 | 03.4 | 046 | 26 | 04.6 | 02.4 | 092 | 29 | 04.0 | 01.3 | 007 | 26 | 12.4 | 11.7 | 291 | 12 | 11.0 | 10.4 | 290 |
| 3.6 ,, | 18 | 05.4 | 03.8 | 089 | 30 | 04.8 | 02.7 | 028 | 24 | 04.9 | 01.4 | 087 | 17 | 03.8 | 01.2 | 315 | 16 | 11.7 | 10.8 | 290 | | | | |
| 4.5 ,, | 08 | 03.1 | 02.2 | 121 | 29 | 06.1 | 00.8 | 093 | 14 | 05.4 | 01.8 | 269 | 02 | 05.0 | 03.9 | 261 | 11 | 13.6 | 12.5 | 282 | | | | |
| 5.4 ,, | 06 | 06.8 | 03.7 | 117 | 26 | 07.2 | 02.7 | 228 | 09 | 06.1 | 02.0 | 280 | | | | | 07 | 13.9 | 12.6 | 284 | | | | |
| 6.0 ,, | 04 | 09.7 | 04.8 | 124 | 23 | 08.0 | 03.7 | 232 | 09 | 06.8 | 01.7 | 290 | | | | | 06 | 15.2 | 14.6 | 277 | | | | |
| 7.2 ,, | | | | | 19 | 13.0 | 07.2 | 257 | 04 | 11.5 | 01.6 | 227 | | | | | 02 | 09.0 | 08.7 | 272 | | | | |
| 9.0 ,, | | | | | 09 | 13.8 | 09.3 | 255 | 01 | 10.0 | 10.0 | 275 | | | | | 02 | 20.0 | 19.7 | 287 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | ASANSOL | | | | | | | | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.3 | 312 | 31 | 00.5 | 00.4 | 295 | 31 | 02.1 | 00.8 | 338 | 31 | 03.1 | 01.5 | 279 | 31 | 03.0 | 02.0 | 354 | 31 | 01.8 | 01.6 | 290 |
| .15 A.G.L. | 31 | 05.1 | 03.9 | 306 | 31 | 05.5 | 03.8 | 342 | 31 | 06.6 | 03.6 | 007 | 31 | 03.8 | 01.1 | 249 | 31 | 07.5 | 05.0 | 007 | 31 | 07.3 | 06.4 | 306 |
| .3A.M.S.L. | 31 | 05.2 | 04.2 | 307 | 31 | 05.8 | 04.0 | 341 | | | | | | | | | | | | | 31 | 07.5 | 06.7 | 305 |
| .6 ,, | 31 | 05.6 | 05.1 | 306 | 31 | 06.3 | 04.9 | 331 | | | | | | | | | | | | | 31 | 08.6 | 07.7 | 297 |
| .9 ,, | 31 | 05.8 | 05.4 | 304 | 31 | 06.1 | 05.1 | 314 | 31 | 07.9 | 04.0 | 011 | 31 | 03.4 | 01.3 | 273 | 31 | 08.0 | 05.3 | 003 | 31 | 08.3 | 07.6 | 294 |
| 1.5 ,, | 31 | 06.8 | 06.3 | 293 | 31 | 07.3 | 06.6 | 281 | 31 | 07.3 | 02.0 | 332 | 31 | 03.5 | 01.6 | 284 | 31 | 07.4 | 03.5 | 342 | 29 | 07.4 | 06.8 | 299 |
| 2.1 ,, | 30 | 08.9 | 08.4 | 288 | 28 | 08.6 | 08.1 | 274 | 31 | 06.2 | 02.3 | 224 | 31 | 03.6 | 02.1 | 277 | 31 | 05.6 | 01.6 | 270 | 26 | 09.5 | 08.7 | 302 |
| 3.0 ,, | 30 | 12.2 | 11.4 | 289 | 18 | 10.7 | 09.8 | 286 | 30 | 06.8 | 04.4 | 207 | 30 | 05.0 | 03.6 | 246 | 28 | 06.4 | 03.4 | 202 | 18 | 10.7 | 09.4 | 294 |
| 3.6 ,, | 29 | 13.6 | 12.8 | 291 | 07 | 08.0 | 07.1 | 277 | 24 | 07.9 | 05.8 | 211 | 26 | 05.8 | 04.6 | 250 | 23 | 07.0 | 04.4 | 218 | 15 | 12.7 | 11.3 | 287 |
| 4.5 ,, | 21 | 14.8 | 14.8 | 291 | 02 | 11.5 | 11.1 | 301 | 06 | 09.0 | 05.3 | 212 | 23 | 07.1 | 05.4 | 257 | 11 | 08.3 | 05.7 | 242 | 10 | 13.6 | 12.7 | 290 |
| 5.4 ,, | 19 | 16.3 | 14.5 | 292 | | | | | 02 | 11.0 | 10.9 | 274 | 22 | 10.2 | 07.1 | 264 | 03 | 12.3 | 08.7 | 225 | 05 | 18.2 | 16.8 | 278 |
| 6.0 ,, | 15 | 17.0 | 14.7 | 291 | | | | | | | | | 21 | 12.2 | 07.5 | 268 | | | | | 01 | 11.0 | 11.0 | 290 |
| 7.2 ,, | 11 | 17.6 | 14.3 | 291 | | | | | | | | | 09 | 13.0 | 11.0 | 254 | | | | | | | | |
| 9.0 ,, | 06 | 23.3 | 17.8 | 256 | | | | | | | | | 01 | 20.0 | 20.0 | 290 | | | | | | | | |

| STATION | BAHRAICH | | | | | | | | BANGALORE | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 0530 ● | | | | 1130 | | | | 1730 ● | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.4 | 02.1 | 280 | 31 | 02.3 | 01.9 | 276 | 31 | 02.6 | 01.0 | 160 | 31 | 02.3 | 00.9 | 112 | 31 | 02.4 | 02.0 | 077 | 31 | 04.3 | 02.2 | 137 |
| .15 A.G.L. | 31 | 05.7 | 05.1 | 291 | 31 | 06.3 | 05.2 | 295 | 31 | 05.0 | 02.2 | 180 | 31 | 03.7 | 01.8 | 132 | 31 | 04.3 | 04.0 | 085 | 30 | 08.1 | 08.0 | 119 |
| .3A.M.S.L. | 31 | 05.9 | 05.4 | 290 | 31 | 06.3 | 05.1 | 290 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 06.6 | 05.6 | 289 | 31 | 07.3 | 06.4 | 290 | | | | | | | | | | | | | | | | |
| .9 ,, | 31 | 07.8 | 06.4 | 293 | 30 | 07.5 | 07.0 | 290 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 28 | 08.0 | 06.9 | 294 | 30 | 09.4 | 09.1 | 288 | 30 | 05.4 | 02.9 | 141 | 31 | 03.9 | 02.5 | 112 | 31 | 04.0 | 03.8 | 082 | 30 | 08.1 | 07.5 | 119 |
| 2.1 ,, | 22 | 09.6 | 08.7 | 286 | 28 | 10.6 | 09.5 | 292 | 30 | 05.7 | 04.4 | 091 | 30 | 04.9 | 04.4 | 075 | 31 | 04.4 | 04.2 | 076 | 30 | 05.3 | 02.9 | 102 |
| 3.0 ,, | 18 | 12.4 | 10.5 | 225 | 19 | 11.8 | 10.3 | 292 | 30 | 05.7 | 04.8 | 043 | 28 | 06.5 | 06.0 | 054 | 31 | 04.3 | 03.9 | 064 | 29 | 04.6 | 01.9 | 019 |
| 3.6 ,, | 14 | 13.6 | 12.1 | 294 | 15 | 12.1 | 10.7 | 291 | 30 | 04.9 | 04.0 | 042 | 28 | 04.9 | 02.7 | 075 | 29 | 03.9 | 02.9 | 039 | 28 | 03.9 | 02.3 | 030 |
| 4.5 ,, | 10 | 13.1 | 11.8 | 290 | 11 | 11.9 | 10.9 | 294 | 28 | 05.8 | 01.2 | 145 | 26 | 04.8 | 01.6 | 197 | 29 | 04.3 | 00.9 | 236 | 14 | 04.9 | 01.2 | 119 |
| 5.4 ,, | 06 | 14.3 | 12.7 | 285 | 10 | 11.8 | 10.8 | 294 | 28 | 06.5 | 01.0 | 187 | 25 | 07.0 | 03.7 | 231 | 25 | 06.0 | 01.6 | 245 | 03 | 07.3 | 02.8 | 078 |
| 6.0 ,, | 02 | 12.0 | 12.0 | 312 | 07 | 11.6 | 10.7 | 301 | 26 | 08.0 | 02.2 | 247 | 24 | 07.7 | 02.6 | 239 | 24 | 07.4 | 02.2 | 280 | 01 | 05.1 | 05.1 | 112 |
| 7.2 ,, | | | | | 03 | 21.7 | 16.7 | 322 | 25 | 10.7 | 02.3 | 236 | 21 | 09.4 | 01.9 | 199 | 24 | 10.6 | 06.7 | 260 | | | | |
| 9.0 ,, | | | | | | | | | 20 | 09.9 | 04.3 | 254 | 17 | 09.8 | 03.2 | 236 | 22 | 10.7 | 05.4 | 237 | | | | |

| STATION | BAREILLY | | | | | | | | BEGAMPET | | | | | | | | | | | | BHAGALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.1 | 316 | 31 | 02.5 | 01.7 | 302 | 31 | 02.0 | 00.2 | 092 | 31 | 01.8 | 00.8 | 107 | 31 | 02.5 | 02.2 | 104 | 31 | 01.8 | 01.1 | 243 |
| .15 A.G.L. | 30 | 08.0 | 06.6 | 311 | 31 | 06.8 | 05.5 | 295 | 31 | 05.5 | 01.0 | 130 | 31 | 03.2 | 01.5 | 093 | 31 | 05.8 | 04.9 | 111 | 31 | 05.9 | 04.8 | 237 |
| .3A.M.S.L. | 30 | 07.4 | 06.1 | 308 | 31 | 06.3 | 05.1 | 296 | | | | | | | | | | | | | 31 | 06.4 | 04.6 | 277 |
| .6 ,, | 30 | 09.4 | 08.1 | 304 | 31 | 07.6 | 05.5 | 296 | 31 | 03.9 | 00.7 | 135 | 31 | 02.9 | 01.3 | 101 | 31 | 04.3 | 03.6 | 106 | 31 | 07.9 | 06.6 | 297 |
| .9 ,, | 30 | 09.6 | 08.6 | 305 | 31 | 07.9 | 06.1 | 292 | 31 | 05.9 | 01.2 | 124 | 31 | 03.2 | 01.5 | 096 | 31 | 06.1 | 05.2 | 120 | 31 | 08.3 | 07.5 | 295 |
| 1.5 ,, | 28 | 09.6 | 08.5 | 295 | 31 | 07.9 | 06.6 | 289 | 31 | 06.1 | 02.2 | 126 | 31 | 03.2 | 01.5 | 095 | 31 | 05.5 | 04.1 | 120 | 31 | 09.5 | 08.9 | 294 |
| 2.1 ,, | 24 | 09.5 | 08.2 | 289 | 27 | 08.1 | 07.0 | 285 | 31 | 04.7 | 01.5 | 125 | 31 | 02.9 | 00.9 | 088 | 31 | 04.3 | 01.0 | 110 | 29 | 11.3 | 10.6 | 287 |
| 3.0 ,, | 21 | 11.2 | 09.1 | 285 | 23 | 09.6 | 07.4 | 279 | 30 | 05.4 | 01.7 | 300 | 31 | 03.7 | 00.7 | 330 | 31 | 05.2 | 02.4 | 287 | 16 | 12.0 | 11.8 | 289 |
| 3.6 ,, | 16 | 12.3 | 09.7 | 281 | 20 | 11.5 | 09.7 | 276 | 30 | 05.2 | 02.0 | 296 | 30 | 03.8 | 01.8 | 287 | 15 | 05.5 | 02.6 | 296 | 08 | 12.6 | 12.3 | 290 |
| 4.5 ,, | 12 | 12.1 | 10.4 | 287 | 19 | 13.0 | 11.3 | 271 | 28 | 05.3 | 01.5 | 273 | 30 | 05.3 | 02.7 | 271 | | | | | | | | |
| 5.4 ,, | 09 | 11.8 | 10.1 | 276 | 17 | 15.1 | 13.1 | 271 | 25 | 07.6 | 02.1 | 282 | 28 | 07.5 | 04.1 | 273 | | | | | | | | |
| 6.0 ,, | 08 | 14.6 | 13.1 | 276 | 12 | 15.9 | 14.4 | 283 | 21 | 08.0 | 02.7 | 280 | 26 | 08.7 | 05.1 | 275 | | | | | | | | |
| 7.2 ,, | 02 | 09.0 | 08.3 | 263 | 04 | 11.3 | 09.6 | 292 | 16 | 08.5 | 05.6 | 285 | 19 | 12.2 | 07.7 | 280 | | | | | | | | |
| 9.0 ,, | 02 | 14.0 | 13.0 | 254 | | | | | 09 | 12.4 | 09.3 | 280 | 09 | 14.6 | 12.6 | 245 | | | | | | | | |

| STATION | BHAGALPUR | | | | BHOPAL/BAIRAGARH | | | | | | | | BHUBANESHWAR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.4 | 01.9 | 290 | 31 | 01.6 | 00.7 | 023 | 31 | 03.1 | 01.6 | 292 | 31 | 02.2 | 01.2 | 351 | 31 | 02.5 | 01.7 | 215 | 31 | 02.8 | 01.6 | 221 |
| .15 A.G.L. | 31 | 06.4 | 06.1 | 292 | 31 | 07.1 | 03.0 | 026 | 30 | 04.5 | 02.6 | 289 | 30 | 07.1 | 04.1 | 345 | 28 | 05.0 | 03.3 | 222 | 31 | 04.0 | 01.6 | 240 |
| .3A.M.S.L. | 31 | 06.6 | 06.1 | 294 | | | | | | | | | | | | | 28 | 05.9 | 04.4 | 237 | 31 | 04.1 | 01.5 | 215 |
| .6 ,, | 31 | 07.4 | 07.1 | 293 | 31 | 05.9 | 02.2 | 027 | 30 | 04.0 | 02.1 | 284 | 30 | 06.2 | 03.4 | 344 | 28 | 05.6 | 03.8 | 248 | 31 | 03.8 | 01.1 | 262 |
| .9 ,, | 31 | 07.9 | 07.8 | 287 | 31 | 07.2 | 03.4 | 010 | 30 | 04.8 | 02.6 | 297 | 30 | 07.2 | 04.0 | 331 | 28 | 05.0 | 02.7 | 262 | 31 | 04.4 | 01.6 | 283 |
| 1.5 ,, | 31 | 09.0 | 08.4 | 280 | 31 | 06.0 | 02.9 | 297 | 30 | 04.7 | 02.7 | 279 | 30 | 05.6 | 02.9 | 285 | 26 | 04.7 | 02.6 | 302 | 31 | 08.3 | 02.7 | 302 |
| 2.1 ,, | 23 | 10.3 | 09.7 | 281 | 31 | 07.7 | 05.8 | 263 | 30 | 05.4 | 04.1 | 268 | 29 | 06.2 | 04.6 | 246 | 26 | 05.5 | 04.2 | 321 | 30 | 05.5 | 03.9 | 310 |
| 3.0 ,, | 20 | 14.3 | 13.6 | 285 | 28 | 08.5 | 06.7 | 257 | 30 | 08.3 | 06.8 | 262 | 29 | 08.1 | 06.3 | 245 | 26 | 07.0 | 05.8 | 320 | 19 | 07.2 | 05.5 | 308 |
| 3.6 ,, | 07 | 16.4 | 13.3 | 279 | 26 | 09.2 | 07.3 | 260 | 29 | 09.5 | 08.0 | 264 | 22 | 08.8 | 06.5 | 254 | 23 | 07.3 | 05.8 | 307 | 01 | 11.0 | 11.0 | 315 |
| 4.5 ,, | 03 | 14.7 | 13.8 | 289 | 23 | 12.2 | 10.5 | 277 | 26 | 11.7 | 09.4 | 265 | 05 | 11.6 | 09.9 | 264 | 21 | 08.0 | 06.1 | 301 | | | | |
| 5.4 ,, | 01 | 32.0 | 32.0 | 279 | 19 | 13.7 | 12.2 | 278 | 22 | 15.2 | 12.7 | 274 | | | | | 13 | 09.7 | 07.3 | 283 | | | | |
| 6.0 ,, | | | | | 16 | 13.2 | 11.8 | 284 | 19 | 15.4 | 12.0 | 277 | | | | | 10 | 10.2 | 07.3 | 299 | | | | |
| 7.2 ,, | | | | | 13 | 18.0 | 15.1 | 294 | 13 | 20.0 | 17.4 | 285 | | | | | 07 | 12.1 | 10.0 | 272 | | | | |
| 9.0 ,, | | | | | 08 | 20.5 | 18.0 | 293 | 06 | 19.0 | 15.8 | 296 | | | | | 04 | 20.2 | 17.9 | 242 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | BHUBANESHWAR | | | | | | | | BHUJ/RUDRAMATA | | | | | | | | | | | | BIKANER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.9 | 02.6 | 190 | 31 | 04.1 | 03.4 | 219 | 31 | 01.2 | 00.9 | 248 | 31 | 04.1 | 01.9 | 292 | 31 | 02.3 | 01.8 | 262 | 31 | 00.9 | 00.7 | 210 |
| .15 A.G.L. | 31 | 07.3 | 04.0 | 180 | 31 | 08.4 | 07.5 | 207 | 31 | 06.8 | 03.7 | 307 | 31 | 04.9 | 02.6 | 292 | 31 | 06.7 | 03.9 | 299 | 31 | 07.9 | 02.2 | 222 |
| .3A.M.S.L. | 31 | 07.6 | 04.4 | 190 | 31 | 09.3 | 07.9 | 213 | 31 | 08.0 | 04.4 | 311 | 31 | 05.1 | 02.6 | 290 | 31 | 07.5 | 04.4 | 300 | 31 | 07.0 | 02.5 | 205 |
| .6 ,, | 31 | 06.1 | 02.7 | 200 | 30 | 08.7 | 07.5 | 219 | 31 | 08.2 | 04.1 | 330 | 31 | 05.1 | 02.8 | 278 | 31 | 07.1 | 03.3 | 306 | 31 | 07.6 | 03.4 | 252 |
| .9 ,, | 31 | 05.1 | 01.3 | 254 | 30 | 06.7 | 04.9 | 231 | 31 | 07.3 | 03.2 | 331 | 31 | 04.8 | 02.6 | 278 | 31 | 06.7 | 02.7 | 308 | 31 | 07.2 | 04.7 | 263 |
| 1.5 ,, | 31 | 05.5 | 04.1 | 317 | 30 | 05.5 | 04.7 | 247 | 30 | 06.8 | 01.6 | 248 | 31 | 05.5 | 02.9 | 275 | 31 | 06.5 | 02.0 | 273 | 30 | 07.8 | 05.2 | 275 |
| 2.1 ,, | 31 | 07.1 | 06.3 | 313 | 27 | 05.9 | 04.6 | 312 | 30 | 06.8 | 03.3 | 251 | 31 | 06.4 | 03.7 | 259 | 29 | 06.6 | 02.5 | 234 | 28 | 08.6 | 05.4 | 267 |
| 3.0 ,, | 30 | 08.6 | 07.6 | 311 | 25 | 07.5 | 05.9 | 314 | 26 | 06.5 | 03.8 | 279 | 31 | 08.9 | 06.3 | 249 | 28 | 07.7 | 05.0 | 250 | 28 | 10.2 | 06.8 | 263 |
| 3.6 ,, | 27 | 08.6 | 07.7 | 310 | 03 | 06.3 | 05.9 | 336 | 01 | 07.0 | 07.0 | 320 | 31 | 10.6 | 07.8 | 254 | | | | | 27 | 10.9 | 08.0 | 266 |
| 4.5 ,, | 24 | 09.5 | 08.1 | 304 | | | | | | | | | 30 | 12.0 | 09.2 | 260 | | | | | 22 | 13.5 | 10.2 | 269 |
| 5.4 ,, | 20 | 09.9 | 08.1 | 290 | | | | | | | | | 29 | 13.8 | 10.6 | 261 | | | | | 22 | 17.1 | 14.3 | 266 |
| 6.0 ,, | 17 | 12.1 | 09.7 | 274 | | | | | | | | | 29 | 15.3 | 12.0 | 267 | | | | | 18 | 17.2 | 14.3 | 269 |
| 7.2 ,, | 13 | 14.7 | 12.8 | 255 | | | | | | | | | 14 | 16.9 | 12.4 | 286 | | | | | 12 | 18.8 | 17.2 | 282 |
| 9.0 ,, | 04 | 19.2 | 18.1 | 257 | | | | | | | | | 05 | 25.8 | 23.5 | 268 | | | | | 03 | 29.3 | 24.5 | 282 |

| STATION | BIKANER | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.0 | 01.4 | 250 | 31 | 00.7 | 00.5 | 222 | 31 | 00.3 | 00.1 | 063 | 31 | 01.8 | 01.1 | 316 | 31 | 04.8 | 04.3 | 313 | 31 | 01.3 | 01.0 | 338 |
| .15 A.G.L. | 29 | 04.4 | 02.4 | 274 | 31 | 04.1 | 01.3 | 234 | 31 | 04.7 | 03.2 | 002 | 31 | 03.5 | 01.5 | 333 | 31 | 06.8 | 06.5 | 316 | 31 | 04.9 | 04.0 | 019 |
| .3A.M.S.L. | 29 | 04.0 | 02.1 | 278 | 31 | 06.6 | 01.1 | 201 | 31 | 05.0 | 03.5 | 007 | 31 | 03.4 | 01.2 | 005 | 31 | 06.8 | 06.1 | 313 | 31 | 05.5 | 04.5 | 337 |
| .6 ,, | 29 | 05.3 | 03.4 | 265 | 31 | 06.6 | 02.7 | 245 | 31 | 05.0 | 03.2 | 015 | 31 | 03.9 | 02.0 | 043 | 31 | 05.4 | 04.3 | 310 | 31 | 05.7 | 04.5 | 332 |
| .9 ,, | 29 | 06.2 | 03.7 | 263 | 31 | 07.4 | 04.4 | 249 | 31 | 05.3 | 02.3 | 011 | 31 | 04.5 | 01.7 | 055 | 31 | 04.2 | 02.9 | 319 | 31 | 05.5 | 04.0 | 330 |
| 1.5 ,, | 28 | 05.8 | 03.6 | 263 | 28 | 06.5 | 05.2 | 247 | 31 | 05.7 | 02.0 | 304 | 31 | 04.6 | 01.0 | 293 | 31 | 03.9 | 01.9 | 277 | 31 | 05.2 | 03.0 | 296 |
| 2.1 ,, | 26 | 06.1 | 04.2 | 268 | 24 | 07.0 | 05.4 | 263 | 31 | 06.4 | 03.6 | 207 | 31 | 05.5 | 03.8 | 227 | 31 | 05.5 | 03.4 | 223 | 31 | 05.9 | 03.1 | 234 |
| 3.0 ,, | 24 | 08.3 | 06.8 | 263 | 20 | 08.2 | 06.7 | 269 | 31 | 08.0 | 08.0 | 202 | 29 | 06.4 | 05.0 | 202 | 31 | 07.2 | 04.5 | 202 | 30 | 07.6 | 05.7 | 187 |
| 3.6 ,, | 23 | 09.5 | 07.9 | 274 | 13 | 09.7 | 08.4 | 280 | 30 | 07.7 | 06.2 | 238 | 28 | 06.5 | 04.5 | 212 | 30 | 07.7 | 04.9 | 199 | 16 | 08.3 | 06.6 | 175 |
| 4.5 ,, | 23 | 12.1 | 10.3 | 270 | 03 | 09.3 | 09.2 | 290 | 30 | 09.0 | 06.2 | 245 | 28 | 07.9 | 05.0 | 240 | 30 | 07.9 | 04.6 | 222 | 10 | 06.7 | 03.7 | 205 |
| 5.4 ,, | 22 | 14.5 | 12.3 | 272 | 02 | 09.5 | 09.5 | 275 | 30 | 10.3 | 07.0 | 261 | 27 | 10.1 | 06.3 | 259 | 30 | 10.1 | 06.7 | 256 | 02 | 10.0 | 06.6 | 201 |
| 6.0 ,, | 19 | 16.0 | 12.8 | 270 | 02 | 12.5 | 12.5 | 275 | 30 | 12.0 | 08.0 | 266 | 27 | 11.4 | 07.7 | 264 | 30 | 11.7 | 07.4 | 262 | 01 | 16.0 | 16.0 | 135 |
| 7.2 ,, | 09 | 19.7 | 14.4 | 277 | 02 | 17.0 | 17.0 | 270 | 29 | 16.2 | 11.7 | 270 | 24 | 14.0 | 09.8 | 263 | 30 | 15.0 | 10.4 | 269 | | | | |
| 9.0 ,, | 02 | 11.0 | 11.0 | 302 | | | | | 27 | 20.9 | 17.4 | 273 | 21 | 19.4 | 17.0 | 256 | 29 | 21.0 | 18.3 | 265 | | | | |

| STATION | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | | COCHIN/WILLINGDON + | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.6 | 00.5 | 198 | 31 | 01.7 | 00.6 | 263 | 31 | 00.8 | 00.7 | 180 | 31 | 01.5 | 01.2 | 195 | 31 | 01.3 | 01.1 | 053 | 31 | 05.0 | 03.9 | 287 |
| .15 A.G.L. | 31 | 05.6 | 03.4 | 253 | 31 | 03.6 | 01.7 | 290 | 31 | 04.0 | 02.0 | 254 | 31 | 06.7 | 05.5 | 210 | 31 | 03.8 | 03.2 | 016 | 31 | 06.6 | 05.5 | 285 |
| .3A.M.S.L. | 31 | 05.8 | 03.7 | 262 | 31 | 03.9 | 01.6 | 293 | 31 | 03.9 | 02.1 | 259 | 31 | 06.5 | 05.4 | 221 | 31 | 04.0 | 03.3 | 356 | 31 | 06.7 | 05.6 | 286 |
| .6 ,, | 31 | 05.4 | 03.7 | 279 | 31 | 04.3 | 01.9 | 295 | 31 | 03.9 | 02.1 | 261 | 31 | 05.4 | 04.3 | 238 | 31 | 04.2 | 03.5 | 333 | 31 | 06.1 | 05.0 | 287 |
| .9 ,, | 31 | 04.9 | 03.9 | 282 | 31 | 04.8 | 02.5 | 292 | 31 | 03.8 | 02.8 | 273 | 31 | 04.8 | 03.5 | 269 | 31 | 03.6 | 02.5 | 332 | 31 | 03.9 | 02.5 | 290 |
| 1.5 ,, | 31 | 06.5 | 05.5 | 290 | 31 | 06.5 | 04.9 | 295 | 31 | 05.8 | 05.2 | 288 | 31 | 07.0 | 06.4 | 305 | 31 | 02.9 | 00.9 | 053 | 30 | 03.7 | 02.9 | 051 |
| 2.1 ,, | 31 | 08.2 | 07.7 | 298 | 31 | 09.9 | 08.4 | 300 | 31 | 08.6 | 07.9 | 298 | 30 | 08.8 | 08.2 | 302 | 29 | 04.9 | 03.9 | 057 | 29 | 07.0 | 06.8 | 060 |
| 3.0 ,, | 31 | 11.1 | 10.5 | 293 | 29 | 12.0 | 11.3 | 299 | 31 | 12.6 | 11.9 | 302 | 20 | 10.2 | 09.3 | 307 | 23 | 06.8 | 06.2 | 066 | 25 | 07.6 | 07.1 | 063 |
| 3.6 ,, | 31 | 11.6 | 10.9 | 296 | 28 | 12.8 | 12.3 | 298 | 31 | 13.2 | 12.3 | 301 | 02 | 06.5 | 06.5 | 302 | 18 | 06.9 | 06.0 | 066 | 25 | 05.8 | 04.5 | 065 |
| 4.5 ,, | 31 | 11.5 | 10.6 | 289 | 26 | 14.4 | 13.5 | 292 | 31 | 14.9 | 13.7 | 294 | | | | | 03 | 04.7 | 03.5 | 131 | 16 | 05.1 | 02.2 | 102 |
| 5.4 ,, | 31 | 12.9 | 11.6 | 282 | 24 | 14.8 | 13.2 | 288 | 31 | 16.7 | 15.3 | 283 | | | | | 01 | 03.0 | 03.0 | 200 | 10 | 06.8 | 01.3 | 208 |
| 6.0 ,, | 31 | 14.5 | 12.9 | 278 | 22 | 15.8 | 14.1 | 282 | 31 | 17.1 | 15.2 | 276 | | | | | 01 | 04.0 | 04.0 | 250 | 05 | 09.8 | 03.4 | 142 |
| 7.2 ,, | 31 | 19.1 | 16.5 | 271 | 09 | 24.2 | 23.3 | 265 | 31 | 22.9 | 19.1 | 272 | | | | | | | | | 02 | 07.5 | 04.9 | 200 |
| 9.0 ,, | 30 | 25.7 | 22.8 | 267 | 03 | 23.3 | 21.3 | 245 | 30 | 29.4 | 25.7 | 275 | | | | | | | | | | | | |

| STATION | COCHIN/WILLINGDON + | | | | DEHRADUN | | | | | | | | DIBRUGARH/MOHANBARI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 01.5 | 319 | 31 | 00.4 | 00.3 | 041 | 31 | 01.4 | 01.0 | 239 | 31 | 01.3 | 01.2 | 047 | 31 | 01.0 | 00.9 | 048 | 31 | 01.4 | 00.7 | 035 |
| .15 A.G.L. | 30 | 03.7 | 02.5 | 331 | 31 | 01.8 | 01.3 | 085 | 31 | 03.1 | 02.3 | 261 | 31 | 05.1 | 04.8 | 059 | 31 | 02.9 | 02.1 | 063 | 31 | 04.0 | 01.4 | 060 |
| .3A.M.S.L. | 30 | 04.1 | 03.0 | 317 | | | | | | | | | 31 | 05.1 | 04.9 | 056 | 31 | 03.0 | 02.9 | 070 | 31 | 03.8 | 01.3 | 065 |
| .6 ,, | 30 | 04.4 | 03.4 | 314 | | | | | | | | | 31 | 04.1 | 02.5 | 058 | 31 | 02.7 | 02.1 | 082 | 31 | 03.4 | 01.2 | 085 |
| .9 ,, | 30 | 03.7 | 02.1 | 310 | 31 | 01.9 | 01.3 | 100 | 31 | 03.3 | 02.4 | 262 | 31 | 03.7 | 00.7 | 131 | 31 | 02.3 | 00.7 | 144 | 31 | 02.8 | 01.0 | 142 |
| 1.5 ,, | 29 | 03.0 | 01.8 | 106 | 31 | 02.5 | 00.6 | 175 | 31 | 03.3 | 02.1 | 285 | 31 | 04.0 | 02.9 | 221 | 31 | 03.0 | 02.2 | 223 | 31 | 04.4 | 03.8 | 212 |
| 2.1 ,, | 27 | 05.0 | 04.7 | 084 | 31 | 04.2 | 01.0 | 205 | 30 | 03.0 | 00.9 | 266 | 31 | 06.4 | 05.4 | 237 | 31 | 05.0 | 04.2 | 228 | 31 | 07.0 | 06.4 | 226 |
| 3.0 ,, | 17 | 06.7 | 06.3 | 063 | 30 | 06.0 | 01.7 | 249 | 26 | 04.5 | 01.4 | 285 | 22 | 05.8 | 04.3 | 246 | 29 | 07.0 | 06.0 | 234 | 28 | 08.9 | 08.3 | 226 |
| 3.6 ,, | 09 | 06.4 | 05.2 | 056 | 26 | 06.7 | 04.2 | 291 | 25 | 05.0 | 02.7 | 304 | 14 | 05.7 | 03.9 | 257 | 21 | 07.0 | 05.7 | 254 | 23 | 08.5 | 06.9 | 230 |
| 4.5 ,, | 02 | 05.5 | 01.9 | 116 | 24 | 09.5 | 07.4 | 286 | 23 | 08.5 | 07.0 | 295 | 08 | 11.1 | 08.6 | 267 | 19 | 10.7 | 08.1 | 264 | 17 | 11.8 | 09.2 | 250 |
| 5.4 ,, | | | | | 21 | 13.4 | 11.4 | 278 | 20 | 12.0 | 10.4 | 284 | 06 | 15.7 | 11.7 | 270 | 15 | 13.0 | 09.9 | 274 | 11 | 17.2 | 16.4 | 259 |
| 6.0 ,, | | | | | 21 | 15.1 | 13.1 | 275 | 19 | 15.3 | 14.0 | 281 | 03 | 12.7 | 11.1 | 269 | 13 | 17.4 | 13.1 | 276 | 07 | 11.0 | 10.3 | 271 |
| 7.2 ,, | | | | | 13 | 16.1 | 14.7 | 284 | 14 | 20.3 | 17.8 | 274 | 03 | 18.7 | 16.7 | 266 | 10 | 24.5 | 19.4 | 283 | 04 | 15.0 | 14.5 | 281 |
| 9.0 ,, | | | | | 02 | 30.0 | 29.4 | 290 | 01 | 29.0 | 29.0 | 280 | 02 | 28.0 | 28.0 | 254 | 05 | 30.4 | 22.9 | 308 | 01 | 31.0 | 31.0 | 225 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | DIBRUGARH/MOHANBARI | | | | GADAG | | | | | | | | | | | | GANGTOK | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0830 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 01.0 | 047 | 31 | 02.9 | 01.1 | 227 | 31 | 02.1 | 00.6 | 136 | 31 | 04.5 | 01.3 | 242 | 31 | 01.0 | 00.3 | 045 | 31 | 02.3 | 01.5 | 168 |
| .15 A.G.L. | 30 | 04.4 | 03.3 | 050 | 31 | 05.2 | 00.4 | 285 | 31 | 03.4 | 01.6 | 134 | 31 | 08.9 | 02.9 | 269 | 26 | 02.3 | 00.7 | 032 | 24 | 04.4 | 03.9 | 179 |
| .3A.M.S.L. | 30 | 04.3 | 03.1 | 060 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 03.9 | 02.8 | 077 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 03.0 | 02.0 | 098 | 31 | 05.8 | 01.6 | 026 | 31 | 03.2 | 01.4 | 118 | 31 | 08.7 | 02.4 | 289 | | | | | | | | |
| 1.5 ,, | 30 | 03.4 | 01.8 | 207 | 31 | 06.3 | 01.5 | 105 | 31 | 03.4 | 02.0 | 112 | 31 | 05.0 | 02.1 | 100 | | | | | | | | |
| 2.1 ,, | 30 | 05.9 | 05.6 | 237 | 31 | 04.6 | 02.9 | 120 | 31 | 03.3 | 01.5 | 108 | 30 | 04.8 | 03.8 | 103 | 26 | 01.9 | 00.4 | 137 | 24 | 04.0 | 03.6 | 170 |
| 3.0 ,, | 23 | 08.1 | 07.3 | 245 | 31 | 03.9 | 02.1 | 117 | 31 | 03.4 | 01.3 | 119 | 30 | 04.7 | 03.3 | 083 | 26 | 02.0 | 01.3 | 175 | 21 | 03.4 | 02.5 | 156 |
| 3.6 ,, | 11 | 08.0 | 06.1 | 250 | 31 | 04.2 | 00.8 | 131 | 29 | 03.4 | 00.6 | 075 | 30 | 03.9 | 02.3 | 075 | 24 | 03.4 | 01.7 | 242 | 15 | 03.0 | 01.5 | 217 |
| 4.5 ,, | | | | | 31 | 06.2 | 00.9 | 205 | 27 | 05.9 | 00.3 | 075 | 25 | 05.1 | 01.4 | 131 | 19 | 09.0 | 07.5 | 262 | 08 | 06.4 | 06.2 | 258 |
| 5.4 ,, | | | | | 31 | 07.3 | 02.0 | 250 | 22 | 06.6 | 01.3 | 215 | 17 | 05.9 | 01.3 | 259 | 19 | 13.6 | 12.4 | 264 | 07 | 09.9 | 08.1 | 280 |
| 6.0 ,, | | | | | 31 | 08.6 | 03.0 | 250 | 21 | 08.1 | 01.9 | 218 | 08 | 08.6 | 05.3 | 272 | 15 | 11.5 | 10.1 | 268 | 05 | 12.0 | 10.6 | 316 |
| 7.2 ,, | | | | | 29 | 12.1 | 05.4 | 250 | 19 | 10.8 | 05.1 | 239 | 02 | 07.5 | 02.2 | 280 | 12 | 14.4 | 12.3 | 284 | 05 | 14.8 | 11.6 | 315 |
| 9.0 ,, | | | | | 27 | 14.8 | 10.8 | 253 | 16 | 12.5 | 09.2 | 255 | | | | | 07 | 28.0 | 26.3 | 279 | 02 | 38.5 | 33.7 | 312 |

| STATION | GAUHATI | | | | | | | | | | | | | | | | GAYA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.3 | 00.2 | 078 | 31 | 02.3 | 01.1 | 359 | 31 | 01.1 | 00.5 | 308 | 31 | 02.5 | 00.5 | 167 | 31 | 02.1 | 01.6 | 230 | 31 | 04.2 | 03.4 | 281 |
| .15 A.G.L. | 31 | 02.6 | 01.3 | 071 | 31 | 03.2 | 01.4 | 024 | 31 | 03.2 | 01.3 | 337 | 31 | 04.2 | 00.9 | 188 | 31 | 05.9 | 04.8 | 260 | 31 | 06.0 | 04.8 | 287 |
| .3A.M.S.L. | 31 | 02.7 | 01.2 | 073 | 31 | 03.2 | 01.9 | 015 | 31 | 03.2 | 01.2 | 327 | 31 | 04.5 | 01.5 | 224 | 31 | 06.2 | 04.9 | 270 | 31 | 05.9 | 04.8 | 283 |
| .6 ,, | 31 | 02.7 | 00.6 | 244 | 31 | 03.1 | 01.2 | 309 | 31 | 03.3 | 02.0 | 287 | 31 | 04.3 | 02.1 | 240 | 31 | 07.3 | 06.1 | 298 | 31 | 05.5 | 04.2 | 281 |
| .9 ,, | 31 | 03.7 | 02.3 | 276 | 31 | 04.0 | 02.7 | 258 | 31 | 03.4 | 02.7 | 265 | 31 | 05.1 | 03.7 | 258 | 31 | 08.5 | 07.2 | 300 | 31 | 06.5 | 05.2 | 282 |
| 1.5 ,, | 31 | 05.7 | 05.0 | 258 | 31 | 07.2 | 06.5 | 246 | 31 | 05.9 | 05.5 | 249 | 30 | 06.6 | 06.3 | 258 | 31 | 10.3 | 09.6 | 292 | 29 | 08.4 | 08.3 | 293 |
| 2.1 ,, | 31 | 07.0 | 06.2 | 259 | 30 | 08.9 | 08.1 | 249 | 31 | 08.7 | 08.3 | 239 | 27 | 07.7 | 07.2 | 254 | 30 | 11.6 | 11.2 | 290 | 25 | 10.4 | 10.1 | 292 |
| 3.0 ,, | 31 | 09.4 | 09.1 | 263 | 30 | 11.3 | 10.7 | 258 | 31 | 09.1 | 08.8 | 253 | 21 | 07.4 | 06.9 | 261 | 30 | 14.4 | 13.9 | 290 | 15 | 10.6 | 10.1 | 292 |
| 3.6 ,, | 30 | 12.2 | 11.5 | 275 | 27 | 13.8 | 13.0 | 266 | 31 | 12.6 | 12.3 | 265 | 03 | 11.7 | 11.1 | 291 | 29 | 14.0 | 13.6 | 291 | 01 | 13.0 | 13.0 | 285 |
| 4.5 ,, | 31 | 16.6 | 16.0 | 276 | 25 | 15.3 | 14.2 | 272 | 30 | 14.4 | 13.7 | 267 | | | | | 22 | 14.5 | 13.6 | 290 | | | | |
| 5.4 ,, | 30 | 15.7 | 14.3 | 274 | 19 | 18.7 | 14.2 | 268 | 30 | 16.0 | 15.5 | 270 | | | | | 17 | 15.0 | 13.7 | 287 | | | | |
| 6.0 ,, | 30 | 16.5 | 14.4 | 274 | 14 | 22.9 | 21.0 | 269 | 30 | 16.5 | 15.8 | 270 | | | | | 12 | 15.2 | 12.8 | 283 | | | | |
| 7.2 ,, | 29 | 21.6 | 19.0 | 275 | 08 | 29.9 | 28.7 | 271 | 30 | 21.6 | 19.2 | 273 | | | | | 05 | 18.8 | 13.4 | 304 | | | | |
| 9.0 ,, | 24 | 32.2 | 27.1 | 267 | 03 | 34.7 | 28.5 | 274 | 28 | 32.0 | 29.1 | 269 | | | | | 01 | 25.0 | 25.0 | 335 | | | | |

| STATION | GAYA | | | | | | | | GOA/DABOLIM | | | | | | | | | | | | GOPALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.8 | 03.4 | 301 | 31 | 01.8 | 01.4 | 247 | 31 | 02.1 | 01.9 | 027 | 31 | 07.7 | 07.0 | 315 | 31 | 03.6 | 03.4 | 359 | 31 | 01.7 | 01.3 | 244 |
| .15 A.G.L. | 31 | 06.4 | 03.9 | 308 | 31 | 07.4 | 05.8 | 302 | | | | | | | | | | | | | 30 | 05.7 | 04.4 | 230 |
| .3A.M.S.L. | 31 | 06.7 | 06.2 | 300 | 31 | 08.1 | 05.9 | 307 | 31 | 03.6 | 02.4 | 346 | 31 | 06.3 | 05.9 | 302 | 31 | 05.9 | 05.5 | 340 | 30 | 05.2 | 04.1 | 230 |
| .6 ,, | 31 | 07.1 | 06.7 | 298 | 31 | 08.8 | 07.5 | 300 | 31 | 05.7 | 04.5 | 346 | 31 | 05.2 | 04.1 | 296 | 31 | 06.9 | 06.3 | 337 | 30 | 05.0 | 04.1 | 243 |
| .9 ,, | 31 | 07.5 | 07.3 | 296 | 31 | 09.3 | 08.6 | 300 | 31 | 06.7 | 04.8 | 347 | 31 | 03.5 | 01.6 | 295 | 31 | 06.1 | 05.1 | 335 | 30 | 04.4 | 02.9 | 255 |
| 1.5 ,, | 30 | 08.4 | 08.1 | 286 | 31 | 10.5 | 10.2 | 295 | 30 | 06.5 | 04.0 | 340 | 30 | 03.4 | 00.7 | 343 | 30 | 06.1 | 04.5 | 325 | 30 | 04.1 | 01.7 | 308 |
| 2.1 ,, | 30 | 10.8 | 10.5 | 285 | 25 | 10.4 | 09.9 | 294 | 28 | 04.7 | 00.9 | 164 | 28 | 04.4 | 01.5 | 095 | 30 | 05.7 | 00.7 | 307 | 29 | 05.5 | 04.1 | 332 |
| 3.0 ,, | 29 | 13.2 | 12.4 | 284 | 14 | 10.5 | 09.4 | 287 | 12 | 05.1 | 02.2 | 208 | 27 | 06.0 | 02.7 | 110 | 17 | 05.3 | 02.3 | 109 | 25 | 06.2 | 04.7 | 323 |
| 3.6 ,, | 29 | 14.1 | 13.2 | 288 | 04 | 09.3 | 08.9 | 299 | 05 | 06.2 | 02.7 | 224 | 24 | 04.8 | 00.8 | 115 | 05 | 05.1 | 01.5 | 051 | 20 | 05.8 | 04.6 | 333 |
| 4.5 ,, | 26 | 15.5 | 14.7 | 291 | | | | | | | | | 11 | 06.0 | 02.6 | 285 | 01 | 03.0 | 03.0 | 350 | 19 | 06.2 | 04.1 | 308 |
| 5.4 ,, | 22 | 16.0 | 16.0 | 290 | | | | | | | | | 06 | 08.0 | 03.1 | 269 | | | | | 16 | 08.3 | 05.5 | 280 |
| 6.0 ,, | 13 | 16.4 | 15.9 | 292 | | | | | | | | | 05 | 06.3 | 03.4 | 279 | | | | | 15 | 09.1 | 06.9 | 258 |
| 7.2 ,, | 06 | 20.8 | 16.0 | 282 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 02 | 21.5 | 19.5 | 296 | | | | | | | | | | | | | | | | | | | | |

| STATION | GOPALPUR | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.0 | 04.0 | 204 | 31 | 04.3 | 03.9 | 212 | 31 | 01.2 | 01.0 | 274 | 31 | 01.2 | 01.1 | 280 | 31 | 00.7 | 00.5 | 274 | 31 | 02.1 | 01.1 | 300 |
| .15 A.G.L. | 31 | 09.5 | 08.4 | 193 | 31 | 08.7 | 08.0 | 210 | 31 | 07.0 | 05.6 | 295 | 31 | 05.2 | 04.6 | 282 | 31 | 05.6 | 03.3 | 315 | 31 | 03.6 | 02.4 | 322 |
| .3A.M.S.L. | 31 | 08.5 | 07.0 | 185 | 31 | 08.0 | 07.2 | 208 | 31 | 08.1 | 07.0 | 298 | 31 | 06.1 | 05.5 | 282 | 31 | 04.4 | 02.7 | 302 | 31 | 03.2 | 02.0 | 313 |
| .6 ,, | 31 | 05.8 | 04.1 | 165 | 31 | 05.5 | 04.7 | 205 | 31 | 09.4 | 08.7 | 295 | 31 | 07.7 | 07.3 | 283 | 31 | 06.3 | 04.5 | 327 | 31 | 04.1 | 02.8 | 311 |
| .9 ,, | 31 | 03.9 | 01.5 | 109 | 31 | 03.9 | 02.9 | 209 | 31 | 09.4 | 08.8 | 295 | 31 | 08.4 | 07.9 | 280 | 31 | 06.8 | 05.3 | 318 | 31 | 05.0 | 03.8 | 302 |
| 1.5 ,, | 31 | 04.1 | 01.9 | 325 | 28 | 03.7 | 01.1 | 321 | 31 | 09.0 | 08.2 | 295 | 31 | 08.2 | 08.1 | 281 | 30 | 07.9 | 06.8 | 295 | 30 | 07.1 | 06.1 | 291 |
| 2.1 ,, | 30 | 05.4 | 04.8 | 335 | 26 | 05.0 | 04.5 | 325 | 30 | 10.0 | 09.1 | 291 | 31 | 09.4 | 09.0 | 285 | 29 | 08.7 | 07.8 | 289 | 25 | 09.4 | 08.5 | 274 |
| 3.0 ,, | 30 | 08.5 | 07.8 | 320 | 21 | 06.6 | 05.4 | 324 | 28 | 12.0 | 11.2 | 292 | 27 | 10.8 | 10.2 | 290 | 24 | 11.4 | 09.4 | 277 | 25 | 11.3 | 09.3 | 273 |
| 3.6 ,, | 28 | 07.8 | 06.9 | 314 | 02 | 07.0 | 06.4 | 006 | 22 | 13.0 | 11.9 | 289 | 26 | 12.2 | 11.5 | 289 | 24 | 12.6 | 10.7 | 277 | 24 | 12.3 | 10.3 | 267 |
| 4.5 ,, | 26 | 07.9 | 06.5 | 286 | | | | | 17 | 14.9 | 12.4 | 290 | 22 | 13.3 | 12.6 | 286 | 22 | 13.2 | 11.7 | 281 | 22 | 15.2 | 12.7 | 267 |
| 5.4 ,, | 25 | 09.7 | 07.8 | 272 | | | | | 10 | 12.7 | 10.4 | 279 | 15 | 14.9 | 13.4 | 289 | 17 | 15.5 | 13.2 | 285 | 21 | 16.8 | 14.6 | 273 |
| 6.0 ,, | 24 | 10.5 | 08.1 | 265 | | | | | 06 | 12.8 | 09.5 | 285 | 14 | 16.4 | 14.5 | 285 | 16 | 17.4 | 15.7 | 287 | 21 | 18.5 | 15.6 | 277 |
| 7.2 ,, | 01 | 21.0 | 21.0 | 258 | | | | | 01 | 24.0 | 24.0 | 275 | 04 | 21.7 | 20.5 | 289 | 12 | 23.3 | 21.2 | 288 | 19 | 22.7 | 20.1 | 282 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 04 | 19.0 | 16.7 | 280 | 11 | 28.0 | 23.7 | 283 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | GWALIOR | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.4 | 01.8 | 296 | 31 | 00.8 | 00.6 | 281 | 31 | 00.3 | 00.1 | 114 | 31 | 01.5 | 01.1 | 262 | 31 | 03.0 | 02.9 | 292 | 31 | 00.4 | 00.1 | 245 |
| .15 A.G.L. | 31 | 04.8 | 03.4 | 305 | 31 | 05.5 | 02.9 | 347 | 31 | 01.9 | 00.9 | 037 | 31 | 03.0 | 01.5 | 242 | 31 | 05.5 | 05.4 | 292 | 30 | 02.4 | 00.0 | 296 |
| .3A.M.S.L. | 31 | 04.6 | 03.0 | 303 | 31 | 04.5 | 02.4 | 346 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 05.1 | 03.7 | 305 | 31 | 06.2 | 04.0 | 320 | | | | | | | | | | | | | | | | |
| .9 ,, | 31 | 05.8 | 04.6 | 304 | 31 | 06.2 | 04.6 | 301 | 31 | 01.9 | 00.9 | 045 | 31 | 03.1 | 01.0 | 236 | 31 | 05.7 | 05.2 | 291 | 30 | 02.4 | 00.7 | 305 |
| 1.5 ,, | 31 | 06.5 | 05.0 | 297 | 28 | 07.2 | 06.5 | 284 | 31 | 04.0 | 03.3 | 274 | 31 | 04.2 | 03.9 | 269 | 31 | 05.3 | 05.2 | 264 | 30 | 05.3 | 04.9 | 265 |
| 2.1 ,, | 29 | 08.1 | 06.7 | 285 | 25 | 08.1 | 07.0 | 279 | 31 | 08.0 | 07.0 | 274 | 31 | 07.5 | 06.7 | 268 | 31 | 07.6 | 07.3 | 256 | 30 | 08.9 | 08.4 | 269 |
| 3.0 ,, | 28 | 12.1 | 10.5 | 274 | 22 | 10.3 | 09.4 | 278 | 27 | 11.0 | 10.2 | 282 | 26 | 10.4 | 09.5 | 277 | 29 | 09.9 | 09.0 | 273 | 30 | 11.4 | 10.7 | 279 |
| 3.6 ,, | 27 | 13.7 | 12.6 | 272 | 11 | 09.6 | 08.4 | 285 | 24 | 13.0 | 12.1 | 283 | 23 | 12.9 | 12.0 | 280 | 26 | 12.3 | 11.8 | 280 | 18 | 11.8 | 10.8 | 284 |
| 4.5 ,, | 25 | 15.6 | 13.9 | 278 | 02 | 08.5 | 08.0 | 314 | 18 | 16.7 | 16.0 | 285 | 19 | 15.9 | 14.1 | 282 | 23 | 15.7 | 14.8 | 282 | | | | |
| 5.4 ,, | 20 | 17.2 | 15.2 | 277 | | | | | 09 | 18.0 | 16.7 | 290 | 14 | 15.9 | 13.6 | 281 | 16 | 15.5 | 14.7 | 280 | | | | |
| 6.0 ,, | 19 | 19.2 | 17.0 | 282 | | | | | 09 | 18.0 | 16.4 | 294 | 12 | 19.2 | 16.7 | 276 | 14 | 17.7 | 16.8 | 281 | | | | |
| 7.2 ,, | 12 | 21.9 | 18.8 | 281 | | | | | 04 | 22.0 | 21.0 | 282 | 11 | 24.2 | 21.5 | 273 | 11 | 22.5 | 21.5 | 276 | | | | |
| 9.0 ,, | 06 | 28.6 | 25.2 | 289 | | | | | 01 | 30.0 | 30.0 | 279 | 08 | 36.3 | 32.5 | 265 | 04 | 33.0 | 31.2 | 269 | | | | |

| STATION | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.4 | 00.2 | 197 | 31 | 01.5 | 00.9 | 306 | 31 | 00.4 | 00.1 | 065 | 31 | 00.6 | 00.3 | 200 | 31 | 01.2 | 00.3 | 248 | 31 | 00.7 | 00.5 | 183 |
| .15 A.G.L. | 31 | 04.5 | 01.0 | 037 | 31 | 04.2 | 03.0 | 315 | 31 | 06.2 | 03.2 | 025 | 31 | 04.3 | 02.2 | 222 | 31 | 03.2 | 01.4 | 280 | 31 | 05.8 | 01.8 | 222 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 04.9 | 01.2 | 032 | 31 | 04.5 | 03.0 | 307 | 31 | 06.9 | 03.5 | 021 | 31 | 02.5 | 01.2 | 216 | 31 | 02.3 | 01.0 | 282 | 31 | 04.2 | 01.4 | 210 |
| .9 ,, | 31 | 05.5 | 02.8 | 355 | 31 | 04.5 | 03.1 | 302 | 31 | 06.7 | 02.6 | 001 | 31 | 05.0 | 02.0 | 254 | 31 | 03.5 | 01.7 | 280 | 31 | 06.4 | 01.1 | 266 |
| 1.5 ,, | 31 | 05.6 | 03.8 | 303 | 31 | 04.6 | 03.8 | 304 | 31 | 05.5 | 02.8 | 302 | 31 | 03.9 | 01.8 | 334 | 31 | 03.2 | 01.9 | 305 | 31 | 05.4 | 01.9 | 320 |
| 2.1 ,, | 31 | 07.7 | 06.2 | 292 | 31 | 05.6 | 04.6 | 284 | 30 | 07.3 | 05.7 | 276 | 31 | 04.1 | 02.1 | 320 | 31 | 03.9 | 02.1 | 314 | 31 | 04.3 | 01.9 | 320 |
| 3.0 ,, | 31 | 10.0 | 08.5 | 271 | 30 | 08.6 | 07.0 | 271 | 26 | 08.9 | 07.8 | 275 | 31 | 06.0 | 04.0 | 312 | 31 | 04.1 | 02.8 | 315 | 30 | 03.8 | 01.9 | 300 |
| 3.6 ,, | 31 | 10.5 | 08.7 | 272 | 30 | 09.8 | 08.9 | 272 | 16 | 09.9 | 07.7 | 282 | 31 | 06.3 | 04.1 | 308 | 30 | 04.9 | 02.9 | 315 | 13 | 04.5 | 02.9 | 313 |
| 4.5 ,, | 28 | 13.7 | 10.0 | 278 | 30 | 13.4 | 10.7 | 272 | 03 | 10.3 | 09.4 | 271 | 30 | 06.7 | 04.6 | 296 | 28 | 06.5 | 04.7 | 303 | 06 | 05.0 | 02.8 | 327 |
| 5.4 ,, | 25 | 15.5 | 11.9 | 279 | 26 | 14.3 | 13.0 | 276 | | | | | 29 | 09.3 | 05.9 | 276 | 26 | 07.8 | 05.5 | 291 | 01 | 06.0 | 06.0 | 360 |
| 6.0 ,, | 19 | 16.0 | 13.8 | 288 | 25 | 17.3 | 15.0 | 281 | | | | | 26 | 10.8 | 07.7 | 281 | 24 | 08.9 | 06.6 | 296 | | | | |
| 7.2 ,, | 12 | 17.5 | 15.0 | 287 | 17 | 20.0 | 16.0 | 273 | | | | | 25 | 14.0 | 11.5 | 269 | 21 | 14.1 | 11.2 | 276 | | | | |
| 9.0 ,, | | | | | 03 | 13.0 | 11.2 | 276 | | | | | 16 | 18.7 | 16.2 | 266 | 18 | 19.3 | 14.7 | 267 | | | | |

| STATION | JAIPUR/FANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.5 | 00.3 | 357 | 31 | 02.5 | 01.9 | 292 | 31 | 01.1 | 00.9 | 333 | 31 | 01.0 | 00.9 | 300 | 31 | 02.0 | 01.4 | 300 | 31 | 01.4 | 00.7 | 330 |
| .15 A.G.L. | 31 | 05.7 | 02.6 | 311 | 31 | 05.6 | 04.3 | 271 | 31 | 07.3 | 04.6 | 316 | 30 | 03.8 | 02.9 | 298 | 31 | 03.1 | 02.2 | 296 | 31 | 02.8 | 01.5 | 326 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 03.8 | 02.7 | 299 | 31 | 03.1 | 02.2 | 296 | 31 | 02.9 | 01.6 | 322 |
| .6 ,, | 31 | 06.4 | 03.2 | 302 | 31 | 05.9 | 04.4 | 271 | 31 | 07.5 | 05.1 | 319 | 30 | 04.7 | 03.2 | 316 | 31 | 04.0 | 03.0 | 300 | 31 | 03.5 | 02.5 | 311 |
| .9 ,, | 31 | 07.0 | 05.0 | 288 | 31 | 05.8 | 04.1 | 282 | 31 | 07.9 | 05.5 | 304 | 30 | 04.8 | 03.9 | 310 | 31 | 04.8 | 03.6 | 297 | 31 | 04.2 | 03.5 | 304 |
| 1.5 ,, | 31 | 07.5 | 06.0 | 272 | 30 | 06.2 | 04.5 | 285 | 30 | 06.6 | 04.7 | 288 | 29 | 06.6 | 05.7 | 294 | 30 | 07.0 | 06.2 | 297 | 30 | 05.4 | 04.8 | 288 |
| 2.1 ,, | 28 | 09.3 | 06.8 | 268 | 29 | 07.0 | 05.3 | 277 | 26 | 06.7 | 04.9 | 268 | 29 | 09.5 | 08.7 | 294 | 28 | 09.1 | 08.0 | 294 | 30 | 07.7 | 07.1 | 286 |
| 3.0 ,, | 27 | 11.4 | 08.1 | 272 | 26 | 09.7 | 08.5 | 275 | 23 | 09.5 | 07.7 | 266 | 26 | 11.2 | 10.8 | 292 | 16 | 10.9 | 10.1 | 291 | 29 | 10.2 | 09.5 | 293 |
| 3.6 ,, | 22 | 10.7 | 08.5 | 280 | 26 | 11.8 | 10.1 | 269 | 05 | 14.0 | 13.7 | 264 | 25 | 11.6 | 11.2 | 296 | | | | | 28 | 12.0 | 11.1 | 292 |
| 4.5 ,, | 19 | 13.4 | 11.5 | 276 | 25 | 14.0 | 11.9 | 268 | | | | | 24 | 13.5 | 12.3 | 286 | | | | | 25 | 13.3 | 12.0 | 288 |
| 5.4 ,, | 16 | 14.4 | 12.8 | 275 | 18 | 16.6 | 14.3 | 275 | | | | | 19 | 13.9 | 13.0 | 292 | | | | | 21 | 13.3 | 11.5 | 289 |
| 6.0 ,, | 11 | 14.6 | 12.[illegible] | 269 | 16 | 18.1 | 16.4 | 288 | | | | | 15 | 15.4 | 12.9 | 289 | | | | | 19 | 16.0 | 13.1 | 282 |
| 7.2 ,, | 03 | 14.7 | 13.2 | 280 | 11 | 21.0 | 18.5 | 284 | | | | | 05 | 16.6 | 16.4 | 244 | | | | | 07 | 17.0 | 14.4 | 303 |
| 9.0 ,, | 02 | 19.0 | 19.2 | 263 | 02 | 29.5 | 28.9 | 342 | | | | | 01 | 26.0 | 26.0 | 260 | | | | | 01 | 37.0 | 37.0 | 281 |

| STATION | JHARSUGUDA | | | | | | | | | | | | LUCKNOW/AMAUSI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.0 | 031 | 31 | 02.1 | 01.3 | 243 | 31 | 02.1 | 00.8 | 006 | 31 | 01.7 | 01.4 | 266 | 31 | 05.2 | 04.6 | 300 | 31 | 01.9 | 01.6 | 287 |
| .15 A.G.L. | 31 | 03.6 | 02.5 | 047 | 31 | 03.8 | 01.9 | 245 | 31 | 04.9 | 01.9 | 355 | 31 | 08.1 | 06.6 | 312 | 31 | 06.6 | 03.9 | 309 | 31 | 08.8 | 07.9 | 305 |
| .3A.M.S.L. | 31 | 03.0 | 02.1 | 047 | 31 | 03.6 | 01.6 | 241 | 31 | 00.0 | 00.0 | 001 | 31 | 08.1 | 06.5 | 312 | 31 | 06.6 | 05.9 | 292 | 31 | 08.9 | 07.6 | 304 |
| .6 ,, | 31 | 04.8 | 02.4 | 027 | 31 | 04.2 | 02.5 | 257 | 31 | 05.7 | 02.3 | 346 | 31 | 09.3 | 08.1 | 304 | 31 | 06.4 | 06.3 | 294 | 31 | 08.2 | 07.4 | 302 |
| .9 ,, | 31 | 04.9 | 02.1 | 359 | 31 | 04.0 | 02.6 | 275 | 31 | 04.7 | 02.7 | 323 | 31 | 09.5 | 08.6 | 299 | 31 | 07.0 | 06.5 | 294 | 31 | 07.8 | 07.0 | 293 |
| 1.5 ,, | 31 | [illegible] | 03.5 | 307 | 31 | 04.4 | 03.6 | 290 | 31 | 04.7 | 03.2 | 301 | 30 | 10.6 | 10.5 | 298 | 31 | 08.3 | 07.7 | 291 | 29 | 09.1 | 07.0 | 282 |
| 2.1 ,, | 30 | 07.2 | 06.6 | 297 | 31 | 06.0 | 05.3 | 299 | 31 | 06.0 | 04.4 | 295 | 30 | 11.6 | 10.7 | 292 | 29 | 10.1 | 09.1 | 288 | 26 | 10.1 | 09.0 | 277 |
| 3.0 ,, | 29 | 10.2 | 09.3 | 297 | 30 | 09.2 | 08.2 | 302 | 31 | 07.7 | 06.7 | 282 | 26 | 11.6 | 10.4 | 287 | 24 | 12.3 | 11.5 | 286 | 18 | 10.3 | 09.2 | 269 |
| 3.6 ,, | 26 | 10.3 | 09.4 | 301 | 29 | 09.9 | 08.8 | 298 | 03 | 06.0 | 05.9 | 302 | 25 | 13.4 | 12.6 | 282 | 23 | 14.6 | 12.9 | 282 | 03 | 11.3 | 11.1 | 271 |
| 4.5 ,, | 23 | 09.9 | 08.8 | 295 | 26 | 11.6 | 10.6 | 290 | | | | | 22 | 14.2 | 12.6 | 283 | 21 | 16.3 | 15.4 | 281 | | | | |
| 5.4 ,, | 20 | 12.6 | 10.3 | 292 | 24 | 13.0 | 11.1 | 289 | | | | | 18 | 15.7 | 14.2 | 279 | 20 | 17.4 | 16.9 | 280 | | | | |
| 6.0 ,, | 14 | 13.9 | 11.3 | 299 | 22 | 14.5 | 12.4 | 292 | | | | | 12 | 17.3 | 16.2 | 285 | 19 | 18.1 | 17.0 | 280 | | | | |
| 7.2 ,, | 11 | 16.3 | 11.9 | 297 | 19 | 17.8 | 15.4 | 287 | | | | | 03 | 16.7 | 16.2 | 291 | 10 | 26.9 | 23.7 | 277 | | | | |
| 9.0 ,, | 03 | 13.7 | 11.2 | 274 | 09 | 26.2 | 22.1 | 268 | | | | | | | | | 04 | 19.5 | 19.4 | 276 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH, 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.1 | 01.2 | 145 | 31 | 02.1 | 01.2 | 147 | 31 | 05.1 | 04.1 | 122 | 31 | 02.7 | 02.4 | 129 | 31 | 00.5 | 00.4 | 056 | 31 | 05.2 | 04.8 | 289 |
| .15 A.G.L. | 31 | 04.0 | 02.0 | 179 | 31 | 03.4 | 02.3 | 158 | 31 | 06.1 | 05.2 | 121 | 31 | 06.6 | 05.7 | 134 | 31 | 03.2 | 02.6 | 024 | 31 | 06.5 | 06.1 | 290 |
| .3A.M.S.L. | 31 | 04.6 | 03.1 | 160 | 31 | 03.8 | 02.5 | 167 | 31 | 05.5 | 04.5 | 123 | 31 | 06.7 | 05.8 | 135 | 31 | 03.4 | 02.5 | 009 | 31 | 06.5 | 06.2 | 289 |
| .6 ,, | 31 | 05.1 | 03.8 | 158 | 31 | 03.9 | 02.6 | 161 | 31 | 04.3 | 03.2 | 123 | 31 | 05.6 | 04.6 | 127 | 31 | 03.2 | 02.0 | 343 | 31 | 04.8 | 04.3 | 297 |
| .9 ,, | 31 | 04.7 | 03.4 | 140 | 31 | 04.0 | 02.3 | 128 | 31 | 04.0 | 02.4 | 152 | 31 | 05.0 | 03.8 | 115 | 31 | 03.5 | 01.4 | 355 | 31 | 03.4 | 02.8 | 307 |
| 1.5 ,, | 31 | 05.2 | 04.7 | 085 | 30 | 06.0 | 05.7 | 080 | 31 | 05.2 | 04.9 | 060 | 31 | 05.8 | 05.1 | 093 | 31 | 04.3 | 01.3 | 029 | 31 | 02.8 | 01.1 | 036 |
| 2.1 ,, | 31 | 06.4 | 05.5 | 060 | 27 | 07.2 | 06.6 | 061 | 31 | 06.9 | 06.2 | 060 | 31 | 06.9 | 05.9 | 067 | 26 | 04.6 | 03.2 | 072 | 30 | 05.5 | 04.9 | 086 |
| 3.0 ,, | 31 | 06.6 | 04.8 | 018 | 26 | 05.1 | 03.9 | 041 | 31 | 06.3 | 04.7 | 029 | 30 | 06.6 | 04.7 | 036 | 23 | 05.3 | 04.5 | 076 | 29 | 08.0 | 07.4 | 080 |
| 3.6 ,, | 31 | 04.6 | 02.7 | 027 | 25 | 05.0 | 02.2 | 050 | 31 | 04.8 | 02.2 | 020 | 18 | 05.0 | 02.7 | 019 | 21 | 04.3 | 02.0 | 068 | 29 | 06.0 | 04.5 | 075 |
| 4.5 ,, | 31 | 05.5 | 00.8 | 040 | 23 | 06.1 | 01.5 | 100 | 31 | 05.6 | 01.1 | 318 | 13 | 05.5 | 01.1 | 360 | 18 | 04.4 | 01.5 | 206 | 29 | 04.9 | 00.9 | 206 |
| 5.4 ,, | 31 | 07.0 | 00.9 | 250 | 22 | 07.4 | 01.3 | 189 | 31 | 06.8 | 02.1 | 257 | 06 | 06.0 | 03.1 | 249 | 16 | 06.4 | 02.7 | 229 | 28 | 06.4 | 01.8 | 245 |
| 6.0 ,, | 31 | 08.5 | 00.4 | 240 | 22 | 08.5 | 01.3 | 195 | 31 | 07.7 | 02.3 | 258 | 05 | 07.0 | 03.0 | 243 | 15 | 07.5 | 02.3 | 234 | 27 | 07.7 | 02.9 | 255 |
| 7.2 ,, | 31 | 11.5 | 04.1 | 236 | 14 | 09.8 | 03.9 | 202 | 31 | 10.3 | 03.1 | 247 | | | | | 11 | 11.6 | 04.8 | 252 | 22 | 10.9 | 03.1 | 252 |
| 9.0 ,, | 31 | 11.5 | 09.2 | 248 | 12 | 08.7 | 05.3 | 223 | 31 | 10.1 | 05.1 | 239 | | | | | 05 | 16.4 | 10.6 | 260 | 14 | 11.4 | 05.6 | 257 |

| STATION | MANGALORE/BAJPE | | | | MINICOY | | | | | | | | | | | | NAGPUR/SONEGAON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.7 | 00.6 | 339 | 31 | 02.0 | 01.8 | 344 | 31 | 02.3 | 02.0 | 357 | 31 | 03.2 | 02.8 | 349 | 31 | 01.8 | 01.6 | 330 | 31 | 01.8 | 01.3 | 350 |
| .15 A.G.L | 31 | 04.3 | 03.8 | 324 | 31 | 03.5 | 02.8 | 342 | 30 | 04.1 | 03.5 | 360 | 31 | 04.5 | 04.1 | 343 | 31 | 03.7 | 03.1 | 334 | 31 | 06.4 | 03.6 | 005 |
| .3A.M.S.L. | 31 | 04.6 | 04.1 | 322 | 31 | 03.8 | 02.9 | 347 | 30 | 04.2 | 03.7 | 360 | 31 | 04.3 | 03.9 | 344 | 31 | 03.8 | 03.2 | 335 | | | | |
| .6 ,, | 31 | 04.7 | 04.1 | 317 | 31 | 03.6 | 02.8 | 347 | 30 | 03.8 | 03.3 | 360 | 31 | 03.8 | 03.3 | 346 | 31 | 03.5 | 02.6 | 338 | 31 | 06.9 | 03.8 | 010 |
| .9 ,, | 31 | 03.3 | 02.2 | 308 | 31 | 03.8 | 01.8 | 014 | 28 | 03.8 | 02.5 | 011 | 31 | 03.7 | 02.3 | 352 | 30 | 03.1 | 01.7 | 360 | 31 | 06.6 | 02.3 | 004 |
| 1.5 ,, | 31 | 02.3 | 00.9 | 300 | 31 | 04.5 | 02.5 | 084 | 27 | 04.2 | 02.7 | 078 | 31 | 03.3 | 01.8 | 072 | 27 | 04.0 | 02.8 | 065 | 31 | 04.7 | 01.4 | 281 |
| 2.1 ,, | 30 | 04.8 | 03.7 | 062 | 27 | 05.2 | 04.3 | 092 | 26 | 05.5 | 04.7 | 083 | 31 | 04.4 | 03.3 | 074 | 25 | 06.2 | 05.1 | 075 | 31 | 05.7 | 03.7 | 255 |
| 3.0 ,, | 30 | 08.2 | 07.6 | 081 | 22 | 05.6 | 04.2 | 093 | 20 | 06.0 | 04.4 | 084 | 31 | 05.1 | 04.0 | 068 | 19 | 06.1 | 03.9 | 079 | 31 | 08.8 | 06.3 | 254 |
| 3.6 ,, | 22 | 06.0 | 03.9 | 078 | 21 | 05.1 | 02.9 | 102 | 18 | 04.2 | 01.8 | 079 | 31 | 04.5 | 02.1 | 068 | 09 | 03.7 | 01.5 | 087 | 31 | 08.4 | 07.2 | 262 |
| 4.5 ,, | 12 | 06.0 | 04.0 | 252 | 19 | 04.9 | 02.3 | 122 | 17 | 04.6 | 02.1 | 143 | 31 | 04.3 | 00.9 | 138 | 02 | 04.0 | 03.7 | 253 | 31 | 09.4 | 07.8 | 271 |
| 5.4 ,, | 03 | 08.7 | 08.1 | 253 | 19 | 05.7 | 02.9 | 119 | 15 | 04.9 | 01.8 | 152 | 31 | 06.1 | 01.6 | 134 | | | | | 31 | 10.8 | 09.3 | 273 |
| 6.0 ,, | 01 | 08.0 | 08.0 | 165 | 18 | 07.6 | 04.5 | 102 | 15 | 05.7 | 02.0 | 096 | 31 | 07.7 | 02.3 | 110 | | | | | 31 | 12.6 | 09.7 | 275 |
| 7.2 ,, | | | | | 15 | 09.9 | 07.1 | 089 | 14 | 07.6 | 02.7 | 073 | 31 | 08.2 | 01.7 | 094 | | | | | 31 | 17.1 | 13.6 | 268 |
| 9.0 ,, | | | | | 12 | 08.0 | 04.6 | 074 | 08 | 08.9 | 02.3 | 088 | 29 | 07.5 | 02.1 | 101 | | | | | 30 | 23.6 | 20.6 | 260 |

| STATION | NAGPUR/SONEGAON | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 00.7 | 017 | 31 | 02.0 | 00.8 | 305 | 31 | 02.0 | 01.1 | 002 | 31 | 01.9 | 01.6 | 312 | 31 | 03.1 | 02.2 | 264 | 31 | 02.7 | 02.0 | 286 |
| .15 A.G.L. | 30 | 03.3 | 01.7 | 005 | 31 | 04.7 | 02.3 | 303 | 31 | 06.9 | 03.3 | 015 | 31 | 06.5 | 05.3 | 316 | 31 | 04.8 | 03.7 | 287 | 31 | 05.8 | 04.4 | 299 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 04.9 | 04.3 | 317 | 31 | 04.7 | 03.8 | 275 | 31 | 04.7 | 03.3 | 291 |
| .6 ,, | 30 | 03.4 | 01.3 | 023 | 31 | 04.5 | 02.0 | 295 | 31 | 07.1 | 03.1 | 013 | 31 | 07.4 | 06.3 | 315 | 31 | 05.0 | 03.8 | 294 | 31 | 06.3 | 04.6 | 294 |
| .9 ,, | 30 | 03.7 | 01.0 | 045 | 31 | 03.6 | 01.4 | 270 | 31 | 06.2 | 02.3 | 001 | 31 | 08.3 | 06.7 | 306 | 30 | 06.2 | 04.6 | 298 | 31 | 06.9 | 05.1 | 294 |
| 1.5 ,, | 30 | 03.9 | 01.3 | 318 | 31 | 04.0 | 02.1 | 273 | 31 | 04.5 | 00.9 | 290 | 31 | 09.8 | 08.2 | 298 | 30 | 07.1 | 05.5 | 299 | 31 | 07.4 | 05.5 | 287 |
| 2.1 ,, | 29 | 04.6 | 02.5 | 268 | 31 | 05.0 | 03.5 | 277 | 30 | 04.6 | 02.6 | 262 | 31 | 09.9 | 07.9 | 289 | 29 | 07.9 | 05.7 | 298 | 31 | 08.1 | 05.9 | 287 |
| 3.0 ,, | 28 | 06.0 | 04.3 | 267 | 31 | 05.7 | 04.7 | 273 | 28 | 06.0 | 04.2 | 258 | 31 | 11.3 | 08.9 | 278 | 29 | 09.8 | 07.5 | 286 | 31 | 10.3 | 07.9 | 278 |
| 3.6 ,, | 28 | 07.4 | 05.9 | 275 | 31 | 06.5 | 05.5 | 267 | 13 | 05.5 | 02.8 | 274 | 31 | 11.7 | 08.7 | 270 | 28 | 11.3 | 08.5 | 279 | 31 | 11.3 | 09.2 | 273 |
| 4.5 ,, | 27 | 09.5 | 07.5 | 275 | 30 | 08.9 | 07.9 | 260 | 06 | 06.7 | 05.4 | 280 | 31 | 13.9 | 11.6 | 269 | 25 | 15.1 | 11.9 | 274 | 31 | 14.1 | 12.1 | 273 |
| 5.4 ,, | 25 | 11.9 | 09.2 | 262 | 30 | 10.0 | 09.7 | 262 | 02 | 05.5 | 05.5 | 282 | 31 | 16.0 | 15.3 | 268 | 25 | 16.4 | 13.8 | 274 | 31 | 17.6 | 15.1 | 271 |
| 6.0 ,, | 24 | 13.5 | 10.2 | 264 | 30 | 12.0 | 10.0 | 260 | 02 | 07.5 | 05.1 | 285 | 31 | 18.7 | 17.4 | 269 | 20 | 17.6 | 15.9 | 274 | 31 | 20.0 | 17.5 | 268 |
| 7.2 ,, | 22 | 15.1 | 12.4 | 268 | 30 | 16.5 | 13.3 | 263 | | | | | 31 | 25.4 | 22.9 | 270 | 10 | 17.9 | 16.9 | 293 | 31 | 24.8 | 21.9 | 268 |
| 9.0 ,, | 17 | 23.6 | 19.7 | 262 | 30 | 22.6 | 19.8 | 266 | | | | | 31 | 35.6 | 30.7 | 270 | 02 | 19.0 | 19.9 | 343 | 31 | 34.2 | 30.7 | 268 |

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | Calm | | | 31 | 01.1 | 01.1 | 271 | 31 | 00.5 | 00.5 | 267 | 31 | 01.1 | 00.7 | 018 | 31 | 02.5 | 02.5 | 078 | 31 | 01.9 | 00.8 | 033 |
| .15 A.G.L. | 31 | 03.0 | 01.1 | 292 | 31 | 03.9 | 03.2 | 284 | 31 | 04.7 | 04.5 | 281 | 31 | 02.8 | 01.7 | 010 | 31 | 03.3 | 02.9 | 074 | 31 | 03.2 | 01.5 | 061 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 02.8 | 01.7 | 012 | 31 | 03.3 | 02.8 | 057 | 31 | 03.2 | 01.5 | 062 |
| .6 ,, | 31 | 01.7 | 01.3 | 235 | 31 | 03.4 | 02.3 | 287 | 31 | 02.5 | 02.1 | 272 | 31 | 02.7 | 01.3 | 033 | 31 | 03.5 | 01.7 | 031 | 31 | 02.5 | 01.4 | 037 |
| .9 ,, | 31 | 04.3 | 01.6 | 340 | 31 | 04.0 | 03.2 | 280 | 31 | 05.9 | 05.3 | 296 | 31 | 03.1 | 01.0 | 036 | 30 | 03.6 | 01.1 | 019 | 31 | 02.5 | 01.5 | 016 |
| 1.5 ,, | 31 | 06.2 | 01.8 | 337 | 31 | 03.9 | 02.3 | 276 | 31 | 06.7 | 04.7 | 300 | 31 | 04.2 | 00.3 | 127 | 26 | 04.0 | 00.8 | 289 | 31 | 03.7 | 00.4 | 002 |
| 2.1 ,, | 31 | 05.5 | 01.7 | 217 | 30 | 03.8 | 01.9 | 247 | 31 | 05.1 | 01.4 | 275 | 31 | 04.2 | 00.9 | 189 | 25 | 04.2 | 00.5 | 267 | 31 | 04.3 | 00.4 | 249 |
| 3.0 ,, | 30 | 06.3 | 04.8 | 180 | 30 | 05.4 | 03.1 | 204 | 31 | 06.0 | 03.4 | 155 | 31 | 04.8 | 00.7 | 129 | 18 | 04.7 | 01.3 | 249 | 31 | 04.6 | 01.0 | 221 |
| 3.6 ,, | 29 | 06.8 | 05.4 | 191 | 29 | 05.4 | 02.6 | 205 | 27 | 05.9 | 03.2 | 166 | 31 | 04.2 | 00.6 | 192 | 17 | 04.8 | 01.6 | 206 | 31 | 04.5 | 00.4 | 241 |
| 4.5 ,, | 08 | 06.6 | 03.5 | 224 | 28 | 06.9 | 05.9 | 246 | 04 | 07.5 | 05.6 | 173 | 31 | 04.7 | 00.4 | 139 | 15 | 05.8 | 01.1 | 206 | 31 | 05.3 | 00.6 | 105 |
| 5.4 ,, | | | | | 26 | 09.2 | 05.[illegible] | 258 | 02 | 09.0 | 08.9 | 242 | 31 | 06.0 | 00.9 | 113 | 15 | 06.2 | 00.6 | 209 | 31 | 06.5 | 01.3 | 079 |
| 6.0 ,, | | | | | 26 | 11.0 | 07.1 | 259 | 01 | 09.0 | 09.0 | 270 | 31 | 08.0 | 00.9 | 070 | 15 | 01.[illegible] | 00.6 | 116 | 31 | 07.5 | 01.4 | 057 |
| 7.2 ,, | | | | | 20 | 13.0 | 09.5 | 252 | | | | | 31 | 09.3 | 02.3 | 086 | 14 | 08.1 | 02.5 | 130 | 31 | 09.7 | 01.7 | 064 |
| 9.0 ,, | | | | | 12 | 16.3 | 14.0 | 264 | | | | | 30 | 08.8 | 00.8 | 197 | 12 | 10.7 | 05.4 | 180 | 31 | 07.8 | 01.6 | 170 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 00.9 | 001 | 31 | 00.7 | 00.3 | 358 | 31 | 01.1 | 00.7 | 293 | 31 | 01.6 | 00.4 | 328 | 31 | 01.9 | 00.8 | 082 | 31 | 01.5 | 01.4 | 264 |
| .15 A.G.L. | 31 | 02.8 | 01.7 | 025 | 30 | 05.4 | 02.4 | 029 | 31 | 02.9 | 02.0 | 292 | 31 | 07.0 | 02.7 | 346 | 31 | 05.4 | 00.6 | 072 | 31 | 04.5 | 04.3 | 267 |
| .3A.M.S.L. | 31 | 02.8 | 01.4 | 031 | | | | | | | | | | | | | 31 | 05.9 | 00.4 | 057 | 31 | 04.7 | 04.4 | 267 |
| .6 ,, | 31 | 02.4 | 01.4 | 061 | 30 | 06.3 | 02.9 | 028 | 31 | 03.2 | 01.8 | 302 | 31 | 06.9 | 03.2 | 339 | 31 | 05.5 | 01.9 | 280 | 31 | 05.6 | 05.3 | 272 |
| .9 ,, | 29 | 02.3 | 01.2 | 065 | 30 | 05.5 | 01.9 | 010 | 31 | 03.5 | 02.4 | 290 | 31 | 05.7 | 03.0 | 326 | 31 | 04.4 | 02.8 | 280 | 31 | 06.2 | 06.0 | 274 |
| 1.5 ,, | 28 | 03.5 | 00.3 | 104 | 30 | 04.4 | 01.8 | 063 | 31 | 03.9 | 03.0 | 290 | 31 | 04.9 | 02.8 | 308 | 31 | 05.2 | 04.4 | 293 | 31 | 07.1 | 06.6 | 283 |
| 2.1 ,, | 28 | 03.7 | 00.7 | 217 | 30 | 05.5 | 04.1 | 284 | 31 | 05.2 | 04.1 | 284 | 31 | 05.4 | 02.9 | 290 | 30 | 06.8 | 06.0 | 289 | 26 | 08.0 | 07.8 | 287 |
| 3.0 ,, | 26 | 04.3 | 00.8 | 158 | 30 | 07.9 | 07.2 | 279 | 31 | 07.1 | 06.2 | 289 | 31 | 06.5 | 04.5 | 275 | 26 | 10.3 | 09.9 | 284 | 23 | 10.1 | 09.9 | 285 |
| 3.6 ,, | 21 | 04.9 | 01.8 | 156 | 30 | 08.9 | 07.8 | 283 | 31 | 07.9 | 06.4 | 289 | 26 | 06.6 | 05.1 | 273 | 18 | 12.6 | 12.3 | 284 | 20 | 11.3 | 11.1 | 288 |
| 4.5 ,, | 16 | 06.3 | 01.8 | 090 | 28 | 09.3 | 07.7 | 290 | 30 | 09.3 | 07.9 | 279 | 13 | 06.8 | 05.8 | 276 | 05 | 08.2 | 07.5 | 293 | 09 | 13.3 | 13.2 | 292 |
| 5.4 ,, | 06 | 07.7 | 03.6 | 066 | 27 | 11.0 | 08.8 | 280 | 28 | 10.6 | 09.2 | 281 | 05 | 06.6 | 04.9 | 285 | 02 | 09.5 | 09.4 | 275 | 05 | 16.8 | 16.0 | 283 |
| 6.0 ,, | 05 | 10.4 | 04.4 | 068 | 27 | 12.1 | 09.6 | 281 | 27 | 12.5 | 10.3 | 277 | 02 | 04.5 | 04.4 | 230 | 0 | | | | 04 | 20.0 | 18.5 | 280 |
| 7.2 ,, | 01 | 06.0 | 06.0 | 086 | 19 | 14.0 | 10.5 | 264 | 24 | 16.5 | 14.0 | 279 | | | | | | | | | 01 | 11.0 | 11.0 | 310 |
| 9.0 ,, | | | | | 13 | 19.5 | 17.0 | 276 | 10 | 18.8 | 16.5 | 271 | | | | | | | | | | | | |

| STATION | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.1 | 00.5 | 115 | 27 | 01.7 | 00.4 | 313 | 31 | 01.7 | 01.3 | 011 | 31 | 03.1 | 02.4 | 102 | 31 | 03.4 | 02.6 | 116 | 31 | 01.5 | 01.3 | 002 |
| .15 A.G.L. | 29 | 02.2 | 01.1 | 130 | 27 | 02.8 | 01.3 | 332 | 31 | 03.6 | 01.6 | 039 | 31 | 04.7 | 03.7 | 100 | 31 | 05.6 | 04.6 | 119 | 31 | 04.7 | 04.4 | 345 |
| .3A.M.S.L. | | | | | | | | | 31 | 03.6 | 01.2 | 053 | 31 | 04.9 | 04.1 | 098 | 31 | 05.8 | 04.8 | 120 | 31 | 04.6 | 04.3 | 341 |
| .6 ,, | | | | | | | | | 31 | 04.1 | 00.7 | 126 | 31 | 04.9 | 04.2 | 097 | 31 | 06.2 | 05.3 | 115 | 31 | 04.3 | 03.5 | 329 |
| .9 ,, | | | | | | | | | 31 | 04.1 | 01.3 | 095 | 31 | 04.8 | 04.2 | 096 | 30 | 04.8 | 04.1 | 097 | 31 | 04.3 | 02.6 | 340 |
| 1.5 ,, | | | | | | | | | 31 | 04.6 | 03.5 | 080 | 31 | 04.8 | 03.9 | 079 | 30 | 05.2 | 04.8 | 058 | 31 | 04.6 | 03.3 | 039 |
| 2.1 ,, | 29 | 02.7 | 01.9 | 140 | 27 | 02.5 | 00.3 | 008 | 29 | 06.8 | 06.1 | 066 | 30 | 05.8 | 05.1 | 050 | 30 | 06.8 | 06.1 | 056 | 31 | 05.9 | 05.6 | 056 |
| 3.0 ,, | 28 | 03.7 | 02.7 | 159 | 27 | 05.2 | 03.3 | 142 | 28 | 07.1 | 06.2 | 033 | 28 | 06.3 | 05.3 | 024 | 29 | 05.6 | 04.6 | 031 | 31 | 05.4 | 04.1 | 052 |
| 3.6 ,, | 28 | 06.2 | 05.0 | 163 | 26 | 07.0 | 06.3 | 172 | 28 | 06.3 | 03.7 | 053 | 27 | 04.6 | 02.6 | 023 | 24 | 04.5 | 02.6 | 039 | 31 | 04.9 | 02.3 | 059 |
| 4.5 ,, | 28 | 08.9 | 06.0 | 195 | 27 | 09.5 | 08.0 | 192 | 27 | 05.4 | 01.4 | 100 | 26 | 05.3 | 00.5 | 012 | 21 | 05.0 | 01.3 | 070 | 31 | 04.8 | 01.8 | 088 |
| 5.4 ,, | 27 | 12.3 | 08.2 | 242 | 27 | 12.8 | 09.5 | 220 | 26 | 06.2 | 02.1 | 112 | 26 | 07.0 | 01.6 | 085 | 06 | 06.5 | 02.0 | 053 | 31 | 05.8 | 01.9 | 111 |
| 6.0 ,, | 27 | 14.9 | 08.9 | 245 | 27 | 15.2 | 11.0 | 243 | 26 | 07.6 | 01.9 | 090 | 24 | 08.4 | 02.3 | 059 | 03 | 09.3 | 01.5 | 301 | 30 | 06.7 | 02.1 | 127 |
| 7.2 ,, | 25 | 20.0 | 15.4 | 258 | 26 | 20.3 | 15.8 | 260 | 23 | 09.5 | 03.0 | 113 | 20 | 09.1 | 02.5 | 096 | | | | | 30 | 07.0 | 02.2 | 118 |
| 9.0 ,, | 25 | 28.4 | 24.4 | 270 | 26 | 31.5 | 24.4 | 260 | 13 | 07.1 | 00.5 | 300 | 12 | 07.6 | 01.8 | 232 | | | | | 31 | 07.5 | 02.0 | 091 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.5 | 01.7 | 315 | 31 | 04.7 | 03.8 | 274 | 31 | 01.6 | 01.2 | 318 | 31 | 00.3 | 00.2 | 293 | 31 | 01.4 | 01.1 | 239 | 31 | 00.5 | 00.3 | 258 |
| .15 A.G.L. | 31 | 04.0 | 02.1 | 305 | 31 | 06.2 | 05.3 | 276 | 30 | 04.1 | 03.7 | 327 | 31 | 03.4 | 01.5 | 311 | 31 | 04.0 | 01.8 | 259 | 31 | 04.4 | 01.5 | 315 |
| .3A.M.S.L. | 31 | 04.0 | 02.3 | 320 | 31 | 06.1 | 05.1 | 276 | 30 | 04.6 | 04.0 | 316 | | | | | | | | | | | | |
| .6 ,, | 31 | 03.8 | 02.4 | 330 | 31 | 05.0 | 03.6 | 274 | 30 | 05.0 | 04.3 | 316 | | | | | | | | | | | | |
| .9 ,, | 31 | 04.0 | 02.9 | 346 | 31 | 04.0 | 01.9 | 305 | 30 | 04.2 | 03.2 | 326 | 31 | 05.1 | 01.1 | 290 | 31 | 05.0 | 02.0 | 255 | 31 | 05.5 | 01.8 | 315 |
| 1.5 ,, | 25 | 05.5 | 03.9 | 028 | 31 | 05.4 | 04.7 | 045 | 28 | 04.2 | 03.0 | 039 | 31 | 08.1 | 02.9 | 258 | 31 | 05.0 | 02.5 | 260 | 31 | 06.6 | 01.9 | 277 |
| 2.1 ,, | 23 | 05.8 | 04.4 | 042 | 31 | 07.4 | 07.1 | 053 | 23 | 06.7 | 05.8 | 058 | 31 | 08.9 | 06.3 | 246 | 31 | 06.3 | 04.1 | 265 | 31 | 06.8 | 03.9 | 244 |
| 3.0 ,, | 14 | 05.9 | 05.2 | 058 | 30 | 05.7 | 04.4 | 046 | 16 | 06.9 | 05.6 | 067 | 31 | 10.5 | 09.1 | 251 | 31 | 09.8 | 07.8 | 256 | 29 | 09.1 | 07.9 | 238 |
| 3.6 ,, | 08 | 05.3 | 04.4 | 069 | 30 | 05.2 | 02.9 | 068 | 08 | 07.1 | 05.9 | 077 | 31 | 11.9 | 10.1 | 259 | 30 | 11.3 | 09.4 | 254 | 22 | 08.4 | 07.0 | 259 |
| 4.5 ,, | 06 | 04.8 | 02.0 | 055 | 30 | 04.8 | 02.2 | 059 | 04 | 05.5 | 02.6 | 071 | 31 | 14.3 | 11.9 | 287 | 27 | 12.7 | 11.1 | 287 | 15 | 10.6 | 09.1 | 274 |
| 5.4 ,, | 03 | 04.3 | 02.6 | 284 | 30 | 06.7 | 01.4 | 086 | 01 | 07.0 | 07.0 | 295 | 29 | 14.7 | 12.5 | 263 | 27 | 15.4 | 12.9 | 258 | | | | |
| 6.0 ,, | 03 | 04.7 | 02.2 | 254 | 30 | 07.2 | 01.7 | 075 | 01 | 08.0 | 08.0 | 275 | 28 | 15.8 | 13.8 | 277 | 25 | 17.0 | 14.5 | 266 | | | | |
| 7.2 ,, | 01 | 05.0 | 05.0 | 320 | 30 | 08.5 | 02.9 | 098 | | | | | 21 | 17.4 | 14.5 | 276 | 18 | 19.4 | 16.3 | 283 | | | | |
| 9.0 ,, | | | | | 30 | 06.2 | 01.0 | 137 | | | | | 13 | 20.7 | 16.7 | 290 | 11 | 24.2 | 20.9 | 294 | | | | |

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.4 | 00.4 | 360 | 31 | 03.0 | 02.7 | 270 | 31 | 00.5 | 00.5 | 342 | 31 | 04.3 | 02.8 | 350 | 31 | 06.6 | 05.5 | 258 | 31 | 03.3 | 02.7 | 301 |
| .15 A.G.L. | 31 | 04.3 | 03.5 | 359 | 31 | 05.0 | 04.7 | 286 | 31 | 04.5 | 04.3 | 342 | 31 | 09.7 | 07.5 | 350 | 31 | 06.9 | 05.3 | 266 | 31 | 07.2 | 06.2 | 308 |
| .3A.M.S.L. | 31 | 05.1 | 04.4 | 355 | 31 | 05.0 | 04.5 | 290 | 31 | 05.4 | 05.3 | 340 | 31 | 09.8 | 07.2 | 352 | 31 | 06.4 | 04.0 | 263 | 31 | 07.8 | 06.4 | 312 |
| .6 ,, | 31 | 05.7 | 05.2 | 349 | 31 | 04.3 | 02.9 | 297 | 31 | 05.5 | 05.3 | 334 | 31 | 08.4 | 05.3 | 350 | 31 | 05.1 | 02.0 | 288 | 31 | 07.0 | 04.7 | 319 |
| .9 ,, | 31 | 07.2 | 06.2 | 345 | 31 | 03.6 | 02.5 | 308 | 31 | 05.4 | 04.9 | 328 | 30 | 06.6 | 03.4 | 345 | 31 | 04.7 | 01.7 | 306 | 31 | 06.1 | 03.0 | 319 |
| 1.5 ,, | 30 | 05.5 | 02.6 | 324 | 31 | 03.4 | 01.1 | 341 | 30 | 04.4 | 02.7 | 303 | 30 | 05.9 | 01.8 | 279 | 31 | 06.3 | 02.3 | 292 | 31 | 05.5 | 01.0 | 304 |
| 2.1 ,, | 29 | 04.2 | 01.1 | 141 | 30 | 04.0 | 00.9 | 106 | 29 | 04.8 | 01.6 | 125 | 29 | 06.4 | 03.5 | 229 | 31 | 07.3 | 03.5 | 263 | 31 | 07.3 | 03.3 | 248 |
| 3.0 ,, | 22 | 05.4 | 03.5 | 149 | 29 | 05.4 | 03.0 | 118 | 28 | 07.0 | 04.2 | 121 | 28 | 07.2 | 04.4 | 222 | 31 | 07.8 | 04.1 | 246 | 31 | 08.4 | 04.1 | 238 |
| 3.6 ,, | 08 | 06.5 | 04.8 | 148 | 29 | 05.6 | 02.3 | 090 | 15 | 06.0 | 03.8 | 114 | 08 | 08.8 | 05.9 | 223 | 31 | 08.1 | 05.1 | 248 | 18 | 07.6 | 04.7 | 247 |
| 4.5 ,, | | | | | 28 | 06.1 | 00.5 | 295 | | | | | 03 | 08.0 | 04.4 | 233 | 31 | 10.1 | 07.5 | 252 | 13 | 08.4 | 06.6 | 244 |
| 5.4 ,, | | | | | 28 | 07.0 | 01.7 | 244 | | | | | | | | | 31 | 13.5 | 09.7 | 261 | 05 | 10.2 | 08.5 | 291 |
| 6.0 ,, | | | | | 28 | 08.6 | 02.4 | 250 | | | | | | | | | 31 | 16.0 | 11.5 | 262 | 04 | 12.0 | 11.7 | 292 |
| 7.2 ,, | | | | | 26 | 12.8 | 06.2 | 258 | | | | | | | | | 31 | 19.2 | 14.5 | 269 | | | | |
| 9.0 ,, | | | | | 08 | 15.0 | 12.9 | 250 | | | | | | | | | 18 | 20.7 | 16.4 | 270 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STATION | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.5 | 01.1 | 087 | 31 | 02.8 | 02.5 | 163 | 31 | 01.8 | 01.6 | 154 | 31 | 02.7 | 02.6 | 296 | 31 | 03.6 | 03.0 | 198 | 31 | 03.1 | 01.9 | 251 |
| .15 A.G.L. | 31 | 03.7 | 02.6 | 162 | 31 | 04.2 | 03.9 | 162 | 31 | 06.8 | 06.2 | 169 | 31 | 05.5 | 04.6 | 304 | 31 | 05.2 | 04.4 | 206 | 31 | 05.0 | 02.8 | 257 |
| .3A.M.S.L. | 31 | 04.7 | 04.0 | 181 | 31 | 04.6 | 04.3 | 160 | 31 | 07.4 | 06.7 | 169 | 31 | 05.5 | 03.0 | 295 | 31 | 05.2 | 04.1 | 217 | 31 | 05.1 | 02.9 | 255 |
| .6 ,, | 30 | 05.7 | 04.8 | 181 | 31 | 04.1 | 03.7 | 157 | 31 | 06.3 | 05.3 | 164 | 31 | 05.5 | 04.2 | 250 | 31 | 04.9 | 03.3 | 251 | 31 | 05.9 | 03.8 | 226 |
| .9 ,, | 30 | 05.4 | 04.1 | 170 | 31 | 03.1 | 02.3 | 154 | 31 | 04.3 | 03.0 | 149 | 31 | 04.8 | 02.7 | 245 | 31 | 04.3 | 02.6 | 267 | 31 | 04.8 | 01.9 | 187 |
| 1.5 ,, | 25 | 04.6 | 02.5 | 109 | 31 | 03.0 | 00.9 | 096 | 31 | 03.9 | 01.9 | 071 | 31 | 04.0 | 01.3 | 301 | 31 | 03.8 | 01.1 | 339 | 30 | 05.0 | 01.0 | 055 |
| 2.1 ,, | 24 | 04.3 | 02.3 | 078 | 31 | 05.2 | 02.4 | 039 | 31 | 05.1 | 02.8 | 048 | 31 | 05.5 | 03.4 | 284 | 31 | 04.6 | 02.7 | 011 | 30 | 05.4 | 03.2 | 008 |
| 3.0 ,, | 23 | 04.3 | 02.0 | 023 | 31 | 05.3 | 03.3 | 026 | 31 | 05.4 | 03.4 | 025 | 31 | 06.2 | 04.5 | 284 | 30 | 05.7 | 03.6 | 003 | 30 | 07.4 | 06.2 | 343 |
| 3.6 ,, | 21 | 05.1 | 02.4 | 344 | 31 | 04.8 | 02.9 | 020 | 30 | 04.9 | 02.0 | 350 | 30 | 05.1 | 02.9 | 313 | 28 | 05.9 | 02.7 | 345 | 30 | 07.0 | 05.7 | 343 |
| 4.5 ,, | 20 | 05.1 | 02.4 | 333 | 29 | 05.9 | 02.5 | 316 | 26 | 05.6 | 02.4 | 295 | 29 | 06.9 | 04.4 | 301 | 26 | 06.3 | 03.3 | 302 | 30 | 07.0 | 04.4 | 333 |
| 5.4 ,, | 19 | 07.5 | 02.6 | 294 | 28 | 07.2 | 03.8 | 271 | 18 | 07.9 | 04.4 | 289 | 29 | 08.0 | 05.3 | 281 | 26 | 08.5 | 05.1 | 273 | 29 | 09.1 | 05.7 | 291 |
| 6.0 ,, | 19 | 08.7 | 04.9 | 277 | 28 | 08.6 | 05.3 | 284 | 13 | 08.5 | 02.5 | 299 | 29 | 09.8 | 06.2 | 275 | 22 | 09.8 | 06.1 | 270 | 29 | 10.1 | 07.2 | 291 |
| 7.2 ,, | 15 | 12.5 | 08.0 | 259 | 25 | 12.9 | 08.0 | 262 | 02 | 13.0 | 08.3 | 242 | 29 | 14.8 | 10.2 | 256 | 15 | 12.1 | 09.8 | 260 | 29 | 14.0 | 10.1 | 273 |
| 9.0 ,, | 10 | 17.6 | 09.0 | 265 | 14 | 18.7 | 16.3 | 252 | | | | | 27 | 20.2 | 17.3 | 252 | 07 | 18.1 | 15.0 | 267 | 28 | 19.7 | 14.4 | 259 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.3 | 02.6 | 243 | | | | | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 31 | 06.3 | 05.5 | 236 | | | | | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 07.0 | 06.2 | 232 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 07.3 | 06.3 | 232 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 31 | 05.3 | 03.7 | 229 | | | | | | | | | | | | | | | | | | | | |
| 1.5 ,, | 30 | 03.9 | 01.6 | 239 | | | | | | | | | | | | | | | | | | | | |
| 2.1 ,, | 23 | 04.3 | 01.8 | 015 | | | | | | | | | | | | | | | | | | | | |
| 3.0 ,, | 18 | 05.1 | 03.6 | 350 | | | | | | | | | | | | | | | | | | | | |
| 3.6 ,, | 04 | 04.0 | 03.4 | 339 | | | | | | | | | | | | | | | | | | | | |
| 4.5 ,, | 01 | 05.0 | 05.0 | 065 | | | | | | | | | | | | | | | | | | | | |
| 5.4 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9.0 Km. above sea level.

March 1966 (Phalguna 10, 1887 - Chaitra 10, 1888 Saka)

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **AGARTALA** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 13.0 | 13.0 | 338 |
| | | 1730 hr. | | |
| 10.5 | 01 | 19.0 | 19.0 | 280 |
| 14.1 | 01 | 26.0 | 26.0 | 270 |
| 16.2 | 01 | 32.0 | 32.0 | 260 |
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 10.5 | 22 | 33.2 | 29.7 | 265 |
| 12.0 | 20 | 40.3 | 36.0 | 268 |
| 14.1 | 10 | 39.0 | 34.6 | 263 |
| 16.2 | 02 | 30.0 | 29.9 | 256 |
| | | 1130 hr. | | |
| 10.5 | 03 | 29.3 | 25.3 | 299 |
| 12.0 | 02 | 30.0 | 30.0 | 254 |
| | | 1730 hr.* | | |
| 10.5 | 16 | 32.3 | 30.0 | 267 |
| 12.0 | 16 | 40.0 | 37.5 | 269 |
| 14.1 | 12 | 36.9 | 34.4 | 269 |
| 16.2 | 05 | 25.0 | 22.8 | 262 |
| | | **ALLAHABAD/BAMBRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 33.3 | 31.6 | 269 |
| 12.0 | 26 | 39.6 | 33.3 | 256 |
| 14.1 | 15 | 36.8 | 34.0 | 256 |
| 16.2 | 04 | 36.7 | 35.7 | 274 |
| 18.0 | 02 | 47.0 | 47.0 | 270 |
| | | 1130 hr. | | |
| 10.5 | 05 | 24.6 | 22.8 | 300 |
| 12.0 | 01 | 38.0 | 38.0 | 280 |
| 14.1 | 01 | 27.0 | 27.0 | 285 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 34.3 | 30.4 | 222 |
| 12.0 | 28 | 38.5 | 33.2 | 257 |
| 14.1 | 15 | 37.4 | 35.3 | 264 |
| 16.2 | 03 | 27.7 | 27.3 | 269 |
| 18.0 | 01 | 17.0 | 17.0 | 265 |
| | | **AKINI** | | |
| | | 1730 hr. | | |
| 10.5 | 04 | 10.0 | 6.9 | 216 |
| 12.0 | 04 | 08.7 | 07.0 | 216 |
| 14.1 | 02 | 14.0 | 12.8 | 312 |
| 16.2 | 02 | 06.0 | 04.2 | 025 |
| 18.0 | 01 | 04.0 | 04.0 | 160 |
| 21.0 | 01 | 05.0 | 05.0 | 205 |
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 05 | 18.4 | 14.3 | 263 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **ANANTAPUR** | | |
| | | **CONTD** | | |
| | | 0530 hr. | | |
| 12.0 | 02 | 19.5 | 18.9 | 231 |
| | | **ASANSOL** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 33.0 | 33.0 | 280 |
| | | 1730 hr. | | |
| 10.5 | 01 | 31.0 | 31.0 | 295 |
| | | **AURANGABAD/ CHIKALTHAN** | | |
| | | 1730 hr. | | |
| 10.5 | 01 | 21.0 | 21.0 | 270 |
| | | **BANGALORE** | | |
| | | 0530 hr.@ | | |
| 10.5 | 18 | 10.8 | 07.1 | 240 |
| 12.0 | 17 | 11.1 | 08.1 | 232 |
| 14.1 | 13 | 09.7 | 06.9 | 245 |
| 16.2 | 10 | 07.8 | 01.1 | 234 |
| 18.0 | 06 | 05.8 | 04.3 | 074 |
| 21.0 | 04 | 11.3 | 11.3 | 097 |
| | | 1130 hr. | | |
| 10.5 | 15 | 11.7 | 05.8 | 250 |
| 12.0 | 13 | 12.9 | 07.9 | 256 |
| 14.1 | 08 | 17.1 | 13.9 | 237 |
| 16.2 | 06 | 12.5 | 08.0 | 251 |
| 18.0 | 05 | 08.4 | 00.8 | 335 |
| 21.0 | 05 | 08.2 | 04.7 | 088 |
| 24.0 | 03 | 16.0 | 15.9 | 079 |
| 27.0 | 01 | 25.0 | 25.0 | 100 |
| | | 1730 hr.@ | | |
| 10.5 | 21 | 11.5 | 07.9 | 240 |
| 12.0 | 18 | 12.3 | 09.9 | 240 |
| 14.1 | 11 | 10.1 | 05.0 | 257 |
| 16.2 | 07 | 07.4 | 03.1 | 051 |
| 18.0 | 05 | 06.2 | 06.0 | 079 |
| 21.0 | 02 | 09.0 | 08.8 | 087 |
| 24.0 | 01 | 16.0 | 16.0 | 085 |
| | | **BAREILLY** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 21.0 | 21.0 | 244 |
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 04 | 11.7 | 05.9 | 250 |
| 12.0 | 03 | 12.3 | 06.3 | 263 |
| | | **BHOPAL/BAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 04 | 22.7 | 22.3 | 293 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 12.0 | 02 | 21.5 | 21.2 | 269 |
| 14.1 | 01 | 11.0 | 11.0 | 275 |
| | | 1730 hr. | | |
| 10.5 | 02 | 22.0 | 21.3 | 307 |
| | | **BHUBANESWAR** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 20.0 | 20.0 | 270 |
| | | **BOMBAY/SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 26 | 24.9 | 21.3 | 266 |
| 12.0 | 25 | 29.4 | 25.5 | 264 |
| 14.1 | 18 | 27.2 | 22.8 | 256 |
| 16.2 | 09 | 13.5 | 08.3 | 268 |
| 18.0 | 06 | 08.8 | 04.7 | 275 |
| 21.0 | 02 | 06.5 | 05.8 | 099 |
| | | 1130 hr. | | |
| 10.5 | 18 | 24.4 | 21.8 | 257 |
| 12.0 | 12 | 24.1 | 21.5 | 257 |
| 14.1 | 04 | 16.3 | 14.9 | 272 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 25.4 | 23.4 | 269 |
| 12.0 | 28 | 26.2 | 22.9 | 268 |
| 14.1 | 21 | 26.1 | 22.8 | 251 |
| 16.2 | 14 | 18.1 | 14.6 | 281 |
| 18.0 | 07 | 13.7 | 12.3 | 270 |
| 21.0 | 04 | 21.5 | 18.6 | 293 |
| 24.0 | 01 | 10.0 | 10.0 | 220 |
| | | **DUM DUM/ CALCUTTA** | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 30.0 | 25.7 | 264 |
| 12.0 | 26 | 29.1 | 25.3 | 261 |
| 14.1 | 24 | 27.4 | 25.2 | 264 |
| 16.2 | 21 | 18.0 | 15.1 | 276 |
| 18.0 | 06 | 13.5 | 04.2 | 281 |
| | | 1130 hr. | | |
| 10.5 | 01 | 37.0 | 37.0 | 240 |
| 12.0 | 01 | 42.0 | 42.0 | 240 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 36.0 | 30.5 | 259 |
| 12.0 | 25 | 34.9 | 31.2 | 261 |
| 14.1 | 21 | 29.4 | 27.0 | 267 |
| 16.2 | 21 | 20.5 | 18.7 | 276 |
| 18.0 | 06 | 20.5 | 16.0 | 287 |
| | | **DIBRUGARH/ MOHANBARI** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 51.0 | 51.0 | 240 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1130 hr. | | |
| 10.5 | 02 | 35.0 | 34.1 | 330 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 25 | 16.3 | 13.4 | 246 |
| 12.0 | 20 | 16.5 | 14.1 | 247 |
| 14.1 | 16 | 11.1 | 08.8 | 263 |
| 16.2 | 12 | 08.0 | 00.3 | 213 |
| 18.0 | 11 | 07.1 | 04.8 | 075 |
| 21.0 | 06 | 13.0 | 08.1 | 078 |
| | | 1730 hr. | | |
| 10.5 | 14 | 13.1 | 11.1 | 253 |
| 12.0 | 12 | 13.8 | 12.3 | 264 |
| 14.1 | 08 | 10.6 | 08.8 | 263 |
| 16.2 | 07 | 07.7 | 04.1 | 196 |
| 18.0 | 03 | 06.7 | 03.1 | 208 |
| 21.0 | 01 | 09.0 | 09.0 | 001 |
| | | **GANGTOK** | | |
| | | 0530 hr. | | |
| 10.5 | 05 | 32.6 | 27.1 | 259 |
| 12.0 | 02 | 52.0 | 48.7 | 307 |
| 14.1 | 01 | 26.0 | 26.0 | 275 |
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 21 | 41.2 | 36.9 | 265 |
| 12.0 | 16 | 38.5 | 33.4 | 264 |
| 14.1 | 10 | 26.1 | 23.2 | 266 |
| 16.2 | 04 | 26.7 | 25.7 | 248 |
| 18.0 | 01 | 05.0 | 05.0 | 026 |
| 21.0 | 01 | 06.0 | 06.0 | 110 |
| 24.0 | 01 | 10.0 | 10.0 | 040 |
| | | 1730 hr.* | | |
| 10.5 | 25 | 39.6 | 37.0 | 265 |
| 12.0 | 13 | 37.9 | 34.1 | 263 |
| 14.1 | 08 | 28.2 | 24.6 | 258 |
| 16.2 | 05 | 24.0 | 22.5 | 262 |
| 18.0 | 02 | 18.0 | 17.6 | 270 |
| 21.0 | 01 | 14.0 | 14.0 | 270 |
| | | **GWALIOR** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 21.0 | 21.0 | 310 |
| 12.0 | 01 | 29.1 | 29.1 | 304 |
| | | 1130 hr. | | |
| 10.5 | 05 | 34.0 | 24.1 | 290 |
| 12.0 | 01 | 30.0 | 30.0 | 295 |
| 14.1 | 01 | 26.0 | 26.0 | 290 |
| | | 1730 hr. | | |
| 10.5 | 05 | 34.0 | 29.7 | 291 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **IMPHAL/ TULIHAL** | | |
| | | 0530 hr. | | |
| 10.5 | 01 | 29.0 | 29.0 | 280 |
| | | 1130 hr. | | |
| 10.5 | 06 | 33.3 | 29.7 | 275 |
| 12.0 | 03 | 43.3 | 35.8 | 292 |
| 14.1 | 01 | 46.0 | 46.0 | 320 |
| | | **JAGDALPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 14 | 22.3 | 18.7 | 274 |
| 12.0 | 05 | 20.2 | 16.0 | 286 |
| 14.1 | 04 | 14.5 | 13.9 | 254 |
| 16.2 | 01 | 04.0 | 04.0 | 165 |
| | | 1730 hr. | | |
| 10.5 | 11 | 26.0 | 21.2 | 256 |
| 12.0 | 06 | 18.8 | 14.8 | 286 |
| 14.1 | 05 | 15.0 | 13.2 | 276 |
| 16.2 | 04 | 19.7 | 18.1 | 274 |
| 18.0 | 01 | 11.0 | 11.0 | 270 |
| | | **JHARSUGUDA** | | |
| | | 1730 hr. | | |
| 10.5 | 04 | 28.0 | 25.1 | 258 |
| | | **LUCKNOW/ AMAUSI** | | |
| | | 1730 hr. | | |
| 10.5 | 02 | 28.0 | 27.6 | 292 |
| | | **MADRAS/ MINAMBAKKAM** | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 11.7 | 08.6 | 230 |
| 12.0 | 31 | 13.4 | 12.7 | 228 |
| 14.1 | 30 | 11.4 | 07.7 | 240 |
| 16.2 | 25 | 09.4 | 01.4 | 294 |
| 18.0 | 16 | 06.6 | 02.9 | 080 |
| 21.0 | 09 | 14.0 | 11.9 | 090 |
| 24.0 | 02 | 19.5 | 19.0 | 072 |
| | | 1130 hr. | | |
| 10.5 | 08 | 08.5 | 06.9 | 207 |
| 12.0 | 08 | 10.0 | 07.1 | 192 |
| 14.1 | 07 | 08.0 | 04.5 | 115 |
| 16.2 | 06 | 08.0 | 06.9 | 103 |
| 18.0 | 04 | 08.7 | 08.2 | 082 |
| 21.0 | 02 | 19.5 | 18.7 | 091 |
| | | 1730 hr* | | |
| 10.5 | 31 | 11.1 | 08.4 | 231 |
| 12.0 | 31 | 12.3 | 09.2 | 225 |
| 14.1 | 31 | 10.9 | 07.1 | 230 |
| 16.2 | 28 | 08.1 | 00.3 | 241 |
| 18.0 | 18 | 07.4 | 04.3 | 073 |
| 21.0 | 07 | 06.6 | 06.6 | 085 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **MANGALORE/ BAJPE** | | |
| | | 0530 hr. | | |
| 10.5 | 04 | 16.5 | 09.7 | 278 |
| 12.0 | 03 | 18.0 | 11.3 | 291 |
| | | 1730 hr. | | |
| 10.5 | 09 | 11.8 | 07.8 | 245 |
| 12.0 | 06 | 11.8 | 04.5 | 268 |
| 14.1 | 03 | 09.7 | 05.0 | 271 |
| 16.2 | 01 | 14.0 | 14.0 | 125 |
| 18.0 | 01 | 11.0 | 11.0 | 084 |
| 21.0 | 01 | 09.0 | 09.0 | 065 |
| | | **MINICOY** | | |
| | | 0530 hr. | | |
| 10.5 | 08 | 07.8 | 03.2 | 108 |
| 12.0 | 07 | 10.3 | 06.3 | 126 |
| 14.1 | 07 | 13.1 | 06.0 | 100 |
| 16.2 | 04 | 08.0 | 03.3 | 078 |
| 18.0 | 02 | 11.5 | 09.7 | 122 |
| 21.0 | 01 | 17.0 | 17.0 | 125 |
| | | 1130 hr. | | |
| 10.5 | 04 | 07.7 | 03.9 | 147 |
| 12.0 | 04 | 09.3 | 07.5 | 180 |
| 14.1 | 03 | 10.0 | 02.6 | 180 |
| 16.2 | 02 | 05.0 | 01.6 | 048 |
| 18.0 | 01 | 09.0 | 09.0 | 080 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 07.9 | 02.9 | 179 |
| 12.0 | 29 | 08.2 | 04.4 | 180 |
| 14.1 | 26 | 10.0 | 01.5 | 195 |
| 16.2 | 23 | 10.6 | 02.3 | 081 |
| 18.0 | 21 | 09.7 | 07.5 | 101 |
| 21.0 | 13 | 17.7 | 17.3 | 091 |
| 24.0 | 03 | 17.0 | 16.9 | 092 |
| | | **NAGPUR/ SONEGAON** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 30.2 | 25.8 | 255 |
| 12.0 | 29 | 30.2 | 25.8 | 250 |
| 14.1 | 23 | 24.8 | 22.6 | 253 |
| 16.2 | 18 | 16.7 | 14.3 | 277 |
| 18.0 | 13 | 10.8 | 08.5 | 273 |
| 21.0 | 09 | 08.2 | 04.5 | 254 |
| 24.0 | 02 | 12.0 | 07.4 | 055 |
| | | 1130 hr. | | |
| 10.5 | 11 | 25.7 | 20.7 | 260 |
| 12.0 | 04 | 26.5 | 24.1 | 247 |
| 14.1 | 02 | 10.5 | 10.4 | 243 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 31.1 | 28.0 | 260 |
| 12.0 | 28 | 30.7 | 26.5 | 253 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| 14.1 | 20 | 24.7 | 23.2 | 257 |
| 16.2 | 13 | 18.6 | 16.8 | 271 |
| 18.0 | 07 | 12.0 | 10.6 | 287 |
| 21.0 | 02 | 09.5 | 06.5 | 312 |
| | | **NEW DELHI/ SAFDARJUNG** | | |
| | | 0530 hr. | | |
| 10.5 | 30 | 40.3 | 34.8 | 269 |
| 12.0 | 29 | 43.0 | 39.1 | 269 |
| 14.1 | 19 | 38.1 | 35.6 | 275 |
| 16.2 | 11 | 21.0 | 20.4 | 270 |
| 18.0 | 07 | 13.4 | 12.1 | 270 |
| 21.0 | 05 | 07.0 | 06.0 | 294 |
| 24.0 | 02 | 09.5 | 09.4 | 317 |
| | | 1730 hr.* | | |
| 10.5 | 31 | 40.7 | 36.5 | 267 |
| 12.0 | 31 | 42.9 | 39.3 | 267 |
| 14.1 | 25 | 34.6 | 32.5 | 266 |
| 16.2 | 21 | 24.2 | 22.1 | 271 |
| 18.0 | 16 | 10.9 | 07.4 | 271 |
| 21.0 | 06 | 11.2 | 06.4 | 267 |
| 24.0 | 02 | 08.0 | 08.0 | 297 |
| | | **POONA** | | |
| | | 1730 hr. | | |
| 10.5 | 08 | 19.3 | 16.8 | 266 |
| 12.0 | 04 | 18.0 | 17.7 | 289 |
| 14.1 | 02 | 06.0 | 04.7 | 287 |
| | | **PORT BLAIR** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 08.5 | 05.5 | 209 |
| 12.0 | 29 | 10.9 | 06.8 | 202 |
| 14.1 | 26 | 10.7 | 06.2 | 202 |
| 16.2 | 20 | 08.2 | 00.9 | 225 |
| 18.0 | 12. | 08.4 | 05.3 | 043 |
| 21.0 | 03 | 19.7 | 17.1 | 087 |
| 24.0 | 01 | 05.0 | 05.0 | 105 |
| | | 1130 hr. | | |
| 10.5 | 08 | 13.0 | 07.7 | 179 |
| 12.0 | 07 | 14.7 | 10.0 | 150 |
| 14.1 | 05 | 08.8 | 06.9 | 217 |
| 16.2 | 04 | 08.0 | 02.1 | 300 |
| 18.0 | 04 | 07.5 | 04.7 | 092 |
| 21.0 | 01 | 14.0 | 14.0 | 060 |
| 24.0 | 01 | 19.0 | 19.0 | 105 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 09.3 | 06.0 | 208 |
| 12.0 | 29 | 10.7 | 07.3 | 195 |
| 14.1 | 26 | 12.0 | 06.9 | 177 |
| 16.2 | 22 | 10.0 | 03.5 | 132 |
| 18.0 | 08 | 07.7 | 06.1 | 107 |
| 21.0 | 02 | 11.5 | 11.5 | 108 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **RAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 06 | 26.5 | 24.4 | 280 |
| 12.0 | 02 | 21.0 | 20.8 | 270 |
| 14.1 | 01 | 14.0 | 14.0 | 260 |
| | | 1730 hr. | | |
| 10.5 | 03 | 35.7 | 33.7 | 241 |
| 12.0 | 01 | 62.0 | 62.0 | 235 |
| | | **SRINAGAR** | | |
| | | 0530 hr.* | | |
| 10.5 | 22 | 31.0 | 27.3 | 270 |
| 12.0 | 19 | 36.1 | 32.8 | 280 |
| 14.1 | 08 | 38.5 | 36.4 | 275 |
| | | 1730 hr.* | | |
| 10.5 | 23 | 37.8 | 30.6 | 278 |
| 12.0 | 17 | 35.1 | 27.6 | 275 |
| 14.1 | 07 | 38.3 | 30.3 | 266 |
| 16.2 | 01 | 30.8 | 30.0 | 275 |
| | | **TIRUCHIRAPALLI** | | |
| | | 0530 hr. | | |
| 10.5 | 08 | 07.7 | 00.5 | 058 |
| 12.0 | 05 | 09.0 | 06.6 | 095 |
| 14.1 | 03 | 11.7 | 11.5 | 095 |
| 16.2 | 01 | 18.0 | 18.0 | 075 |
| 18.0 | 01 | 11.0 | 11.0 | 085 |
| | | 1730 hr. | | |
| 10.5 | 05 | 06.4 | 02.9 | 237 |
| 12.0 | 02 | 05.5 | 01.5 | 047 |
| 14.1 | 01 | 11.0 | 11.0 | 120 |
| | | **TRIVANDRUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 07.9 | 04.4 | 166 |
| 12.0 | 30 | 10.0 | 06.8 | 164 |
| 14.1 | 26 | 10.9 | 02.0 | 182 |
| 16.2 | 23 | 09.3 | 02.6 | 059 |
| 18.0 | 16 | 08.8 | 04.2 | 105 |
| 21.0 | 09 | 20.2 | 19.9 | 087 |
| 24.0 | 01 | 21.0 | 21.0 | 090 |
| | | 1730 hr. | | |
| 10.5 | 30 | 08.3 | 03.2 | 184 |
| 12.0 | 30 | 09.0 | 05.5 | 173 |
| 14.1 | 25 | 11.0 | 02.4 | 172 |
| 16.2 | 21 | 10.8 | 01.9 | 148 |
| 18.0 | 14 | 09.2 | 05.6 | 095 |
| 21.0 | 10 | 14.5 | 13.6 | 097 |
| 24.0 | 02 | 23.0 | 22.5 | 095 |
| | | **UDAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 05 | 24.4 | 16.7 | 240 |
| 12.0 | 02 | 26.0 | 21.8 | 270 |

| Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D | Ht. in Km. | n | V | v | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | UDAIPUR (Contd.) | | | | | | | | | | | | | | | | | |
| | | 1730 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 02 | 24.5 | 24.0 | 295 | | | | | | | | | | | | | | | |
| | | VENGURLA | | | | | | | | | | | | | | | | | |
| | | 1730 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 03 | 10.7 | 09.1 | 273 | | | | | | | | | | | | | | | |
| | | VERAVAL | | | | | | | | | | | | | | | | | |
| | | 1730 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 14 | 27.1 | 20.4 | 282 | | | | | | | | | | | | | | | |
| 12.0 | 09 | 31.2 | 25.8 | 285 | | | | | | | | | | | | | | | |
| 14.1 | 03 | 32.3 | 24.3 | 278 | | | | | | | | | | | | | | | |
| 16.2 | 01 | 12.0 | 12.0 | 300 | | | | | | | | | | | | | | | |
| 18.0 | 01 | 03.0 | 03.0 | 315 | | | | | | | | | | | | | | | |
| | | VIJAYWADA/ GANNAVARAM | | | | | | | | | | | | | | | | | |
| | | 0530 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 08 | 18.1 | 15.3 | 246 | | | | | | | | | | | | | | | |
| 12.0 | 06 | 12.0 | 09.9 | 260 | | | | | | | | | | | | | | | |
| 14.1 | 02 | 03.5 | 03.5 | 192 | | | | | | | | | | | | | | | |
| | | 1730 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 09 | 19.2 | 18.1 | 251 | | | | | | | | | | | | | | | |
| 12.0 | 05 | 22.4 | 21.2 | 257 | | | | | | | | | | | | | | | |
| | | VISAKHAPATNAM | | | | | | | | | | | | | | | | | |
| | | 0530 hr.* | | | | | | | | | | | | | | | | | |
| 10.5 | 27 | 21.3 | 18.6 | 257 | | | | | | | | | | | | | | | |
| 12.0 | 27 | 22.2 | 18.4 | 253 | | | | | | | | | | | | | | | |
| 14.1 | 17 | 23.1 | 19.5 | 209 | | | | | | | | | | | | | | | |
| 16.2 | 13 | 10.5 | 05.0 | 263 | | | | | | | | | | | | | | | |
| 18.0 | 09 | 10.9 | 05.1 | 274 | | | | | | | | | | | | | | | |
| 21.0 | 05 | 13.4 | 03.7 | 062 | | | | | | | | | | | | | | | |
| 24.0 | 02 | 15.5 | 15.1 | 082 | | | | | | | | | | | | | | | |
| | | 1130 hr. | | | | | | | | | | | | | | | | | |
| 10.5 | 07 | 18.4 | 18.2 | 265 | | | | | | | | | | | | | | | |
| 12.0 | 05 | 25.8 | 24.7 | 263 | | | | | | | | | | | | | | | |
| 14.1 | 04 | 21.5 | 21.1 | 266 | | | | | | | | | | | | | | | |
| 16.2 | 04 | 18.5 | 17.9 | 268 | | | | | | | | | | | | | | | |
| 18.0 | 03 | 10.3 | 07.1 | 250 | | | | | | | | | | | | | | | |
| 21.0 | 03 | 09.7 | 02.3 | 330 | | | | | | | | | | | | | | | |
| 24.0 | 01 | 05.0 | 05.0 | 090 | | | | | | | | | | | | | | | |
| | | 1730 hr.* | | | | | | | | | | | | | | | | | |
| 10.5 | 28 | 23.1 | 19.0 | 249 | | | | | | | | | | | | | | | |
| 12.0 | 28 | 23.8 | 19.8 | 256 | | | | | | | | | | | | | | | |
| 14.1 | 24 | 18.7 | 13.1 | 263 | | | | | | | | | | | | | | | |
| 16.2 | 14 | 18.5 | 13.3 | 285 | | | | | | | | | | | | | | | |
| 18.0 | 09 | 15.2 | 09.4 | 254 | | | | | | | | | | | | | | | |
| 21.0 | 02 | 11.5 | 09.9 | 182 | | | | | | | | | | | | | | | |

SG/

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 14 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I. M. D. Scientific Notes Nos: 112 and 113 ( Volume IX ).

### LIST OF RADIOSONDE STATIONS IN INDIA

| S. No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1 | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2 | Allahabad / Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3 | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4 | Bombay / Santa Cruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5 | Calcutta / Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947. |
| 6 | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7 | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 8 | Minicoy | Fan type | 12th May. 1963 | 12 | |
| 9 | Nagpur / Senegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 10 | New Delhi / Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 11 | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 12 | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 13 | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 14 | Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
MARCH, 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1003 MB) | | | | | | ALLAHABAD/BAMHRAULI ( 998 MB) | | | | | | BANGALORE ( 912 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00055 | 292.5 | 297 | 285 | 279.0 | 31 | 00098 | 290.6 | 296 | 284 | 280.3 | 31 | 00921 | 293.7 | 297 | 291 | 290.1 |
| 1000 | 31 | 00086 | 292.9 | 298 | 286 | 277.8 | 31 | 00077 | 290.0 | 295 | 285 | 278.3 | 31 | 00103 | | | | |
| 900 | 31 | 01001 | 294.4 | 300 | 289 | 269.5 | 31 | 00989 | 294.6 | 302 | 288 | 267.9 | 30 | 01017 | 293.7 | 297 | 291 | 288.8 |
| 850 | 31 | 01490 | 291.8 | 298 | 287 | 265.4 | 31 | 01481 | 291.4 | 299 | 284 | 264.8 | 30 | 01511 | 293.1 | 296 | 288 | 283.6 |
| 800 | 31 | 02010 | 289.5 | 295 | 282 | 264.0 | 31 | 01997 | 288.2 | 295 | 282 | 262.7 | 30 | 02031 | 290.6 | 294 | 285 | 278.6 |
| 700 | 31 | 03125 | 280.6 | 285 | 275 | 258.5 | 31 | 03112 | 280.7 | 285 | 276 | 258.8 | 30 | 03159 | 283.6 | 287 | 279 | 271.9 |
| 600 | 31 | 04378 | 272.9 | 279 | 266 | 249.1 | 31 | 04359 | 272.1 | 280 | 266 | 252.5 | 29 | 04426 | 276.6 | 281 | 275 | 264.9 |
| 500 | 31 | 05813 | 264.4 | 272 | 256 | | 31 | 05792 | 262.8 | 271 | 256 | | 29 | 05889 | 269.5 | 273 | 266 | |
| 400 | 31 | 07506 | 253.5 | 260 | 243 | | 31 | 07475 | 251.6 | 259 | 245 | | 28 | 07617 | 258.8 | 263 | 254 | |
| 300 | 29 | 09583 | 238.7 | 248 | 231 | | 31 | 09570 | 238.4 | 252 | 231 | | 28 | 09740 | 244.0 | 250 | 240 | |
| 250 | 28 | 10824 | 230.7 | 238 | 224 | | 31 | 10793 | 231.1 | 241 | 224 | | 26 | 11018 | 234.8 | 241 | 228 | |
| 200 | 27 | 12227 | 222.8 | 230 | 216 | | 30 | 12283 | 224.1 | 234 | 215 | | 26 | 12518 | 224.1 | 231 | 219 | |
| 175 | 23 | 13205 | 217.5 | 223 | 210 | | 29 | 13159 | 219.1 | 229 | 207 | | 20 | 13377 | 218.7 | 225 | 213 | |
| 150 | 19 | 14135 | 212.9 | 219 | 205 | | 28 | 14130 | 215.0 | 223 | 209 | | 20 | 14364 | 212.8 | 219 | 208 | |
| 125 | 12 | 15282 | 208.4 | 215 | 202 | | 26 | 15287 | 209.3 | 218 | 202 | | 17 | 15450 | 207.3 | 214 | 203 | |
| 100 | 12 | 16629 | 203.8 | 211 | 195 | | 26 | 16631 | 204.8 | 212 | 197 | | 15 | 16824 | 201.1 | 208 | 197 | |
| 80 | 06 | 17985 | 207.0 | 217 | 199 | | 18 | 18005 | 203.1 | 213 | 196 | | 12 | 18163 | 201.7 | 205 | 199 | |
| 70 | | | | | | | 16 | 18843 | 206.8 | 219 | 199 | | 12 | 18966 | 203.5 | 207 | 200 | |
| 60 | | | | | | | 09 | 19746 | 208.1 | 212 | 200 | | 12 | 19872 | 206.0 | 209 | 203 | |
| 50 | | | | | | | 06 | 20801 | 210.8 | 218 | 201 | | 11 | 20952 | 208.3 | 212 | 204 | |
| 40 | | | | | | | | | | | | | 08 | 22356 | 211.1 | 214 | 208 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1008 MB) | | | | | | CALCUTTA/DUM DUM ( 1008 MB) | | | | | | GAUHATI ( 1005 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00013 | 294.3 | 297 | 290 | 287.9 | 31 | 00006 | 294.2 | 298 | 288 | 292.9 | 31 | 00049 | 289.7 | 295 | 284 | 287.2 |
| 1000 | 30 | 00081 | 295.1 | 298 | 292 | 290.1 | 31 | 00073 | 294.5 | 298 | 289 | 291.5 | 31 | 00076 | 290.4 | 295 | 286 | 286.4 |
| 900 | 30 | 01004 | 296.0 | 301 | 290 | 278.6 | 31 | 00994 | 294.7 | 301 | 287 | 278.6 | 31 | 00986 | 293.4 | 298 | 284 | 276.9 |
| 850 | 30 | 01501 | 293.5 | 298 | 289 | 275.5 | 31 | 01484 | 291.6 | 297 | 283 | 275.2 | 31 | 01477 | 290.0 | 294 | 285 | 274.0 |
| 800 | 30 | 02023 | 290.0 | 293 | 287 | 274.3 | 31 | 02001 | 288.1 | 294 | 282 | 273.0 | 31 | 01991 | 286.1 | 291 | 281 | 272.4 |
| 700 | 30 | 03147 | 282.6 | 288 | 277 | 270.4 | 31 | 03117 | 280.0 | 284 | 273 | 265.8 | 31 | 03098 | 278.4 | 282 | 275 | 265.8 |
| 600 | 30 | 04410 | 275.0 | 283 | 269 | 262.8 | 31 | 04369 | 273.3 | 281 | 265 | 257.1 | 31 | 04345 | 273.1 | 282 | 266 | 251.9 |
| 500 | 30 | 05860 | 266.8 | 272 | 261 | | 31 | 05780 | 264.2 | 273 | 256 | | 30 | 05787 | 264.8 | 272 | 258 | |
| 400 | 30 | 07571 | 255.9 | 265 | 248 | | 31 | 07510 | 254.5 | 262 | 247 | | 27 | 07478 | 253.0 | 259 | 245 | |
| 300 | 29 | 09667 | 240.9 | 249 | 236 | | 29 | 09603 | 241.4 | 251 | 231 | | 25 | 09559 | 239.4 | 245 | 233 | |
| 250 | 28 | 10929 | 232.2 | 238 | 227 | | 28 | 10873 | 234.8 | 244 | 225 | | 23 | 10818 | 231.8 | 240 | 223 | |
| 200 | 28 | 12419 | 222.9 | 227 | 216 | | 28 | 12382 | 224.7 | 233 | 216 | | 23 | 12303 | 224.5 | 233 | 217 | |
| 175 | 24 | 13260 | 217.5 | 223 | 211 | | 25 | 13266 | 219.2 | 227 | 211 | | 21 | 13182 | 219.4 | 227 | 209 | |
| 150 | 23 | 14241 | 212.1 | 220 | 201 | | 24 | 14237 | 213.3 | 221 | 206 | | 18 | 14159 | 215.2 | 221 | 207 | |
| 125 | 20 | 15363 | 206.0 | 212 | 195 | | 23 | 15406 | 209.4 | 219 | 206 | | 16 | 15315 | 210.6 | 217 | 205 | |
| 100 | 17 | 16670 | 200.1 | 205 | 192 | | 23 | 16721 | 203.0 | 212 | 197 | | 13 | 16662 | 207.2 | 220 | 197 | |
| 80 | 14 | 17957 | 198.9 | 204 | 192 | | 08 | 18216 | 199.3 | 206 | 192 | | 08 | 17950 | 201.9 | 210 | 197 | |
| 70 | 10 | 18780 | 200.7 | 205 | 197 | | 08 | 18797 | 199.5 | 208 | 193 | | 07 | 18745 | 203.9 | 212 | 195 | |
| 60 | 07 | 19683 | 205.3 | 209 | 203 | | 07 | 19689 | 203.9 | 213 | 198 | | 06 | 19718 | 209.0 | 214 | 203 | |
| 50 | 06 | 20829 | 210.3 | 215 | 205 | | 06 | 20706 | 210.0 | 217 | 201 | | 05 | 20879 | 216.2 | 220 | 212 | |
| 40 | 05 | 22254 | 215.2 | 221 | 206 | | | | | | | | | | | | | |
| 30 | 05 | 24139 | 217.8 | 223 | 209 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1007 MB) | | | | | | NAGPUR/SONEGAON ( 974 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 985 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00015 | 297.3 | 300 | 295 | 295.6 | 31 | 00311 | 294.1 | 300 | 289 | 278.9 | 31 | 00209 | 289.2 | 295 | 283 | 280.5 |
| 1000 | 31 | 00080 | 297.3 | 300 | 295 | 294.4 | 31 | 00080 | | | | | 31 | 00082 | | | | |
| 900 | 31 | 01001 | 295.3 | 299 | 291 | 281.7 | 31 | 00998 | 297.3 | 302 | 293 | 278.1 | 31 | 00987 | 292.9 | 298 | 287 | 270.0 |
| 850 | 31 | 01496 | 293.2 | 296 | 289 | 277.0 | 31 | 01494 | 294.0 | 299 | 289 | 277.0 | 31 | 01477 | 289.5 | 295 | 283 | 265.5 |
| 800 | 31 | 02017 | 289.8 | 293 | 285 | 275.2 | 31 | 02014 | 289.7 | 295 | 285 | 276.7 | 31 | 01989 | 285.7 | 291 | 282 | 262.5 |
| 700 | 31 | 03141 | 282.2 | 285 | 279 | 271.0 | 31 | 03135 | 281.0 | 287 | 276 | 271.6 | 31 | 03094 | 278.3 | 284 | 270 | 258.0 |
| 600 | 31 | 04440 | 275.3 | 278 | 270 | 264.4 | 31 | 04388 | 273.2 | 279 | 268 | 262.7 | 31 | 04334 | 270.0 | 275 | 265 | |
| 500 | 31 | 05855 | 268.3 | 274 | 265 | | 31 | 05838 | 264.0 | 274 | 259 | | 31 | 05752 | 260.4 | 265 | 254 | |
| 400 | 31 | 07576 | 257.5 | 261 | 251 | | 31 | 07529 | 254.7 | 264 | 249 | | 31 | 07418 | 248.5 | 262 | 239 | |
| 300 | 31 | 09688 | 241.8 | 245 | 238 | | 30 | 09610 | 239.8 | 253 | 233 | | 31 | 09458 | 235.4 | 243 | 229 | |
| 250 | 31 | 10956 | 232.6 | 236 | 227 | | 29 | 10869 | 231.6 | 238 | 225 | | 31 | 10696 | 227.6 | 238 | 220 | |
| 200 | 31 | 12442 | 221.3 | 228 | 218 | | 29 | 12351 | 221.4 | 230 | 217 | | 31 | 12161 | 221.9 | 229 | 215 | |
| 175 | 30 | 13292 | 215.8 | 222 | 213 | | 28 | 13209 | 216.7 | 225 | 211 | | 30 | 13026 | 219.2 | 225 | 215 | |
| 150 | 30 | 14260 | 210.4 | 217 | 207 | | 28 | 14177 | 212.1 | 220 | 206 | | 24 | 14006 | 215.1 | 223 | 208 | |
| 125 | 27 | 15359 | 204.7 | 208 | 201 | | 25 | 15273 | 206.4 | 216 | 199 | | 21 | 15154 | 210.3 | 219 | 203 | |
| 100 | 25 | 16838 | 199.1 | 203 | 195 | | 23 | 16596 | 200.1 | 211 | 192 | | 17 | 16518 | 206.7 | 214 | 200 | |
| 80 | 23 | 17987 | 200.3 | 207 | 195 | | 19 | 17943 | 200.7 | 207 | 196 | | 12 | 17857 | 206.7 | 214 | 199 | |
| 70 | 22 | 18764 | 203.4 | 212 | 195 | | 18 | 18780 | 202.6 | 209 | 197 | | 08 | 18694 | 208.7 | 214 | 206 | |
| 60 | 19 | 19689 | 206.0 | 214 | 201 | | 16 | 19675 | 206.4 | 214 | 198 | | | | | | | |
| 50 | 16 | 20817 | 211.2 | 220 | 206 | | 14 | 20787 | 211.6 | 221 | 201 | | | | | | | |
| 40 | 12 | 22727 | 215.0 | 221 | 209 | | 07 | 22119 | 217.1 | 225 | 200 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE | PORT BLAIR SURFACE PR ( 1001 MB) | | | | | | SRINAGAR ( 842 MB) | | | | | | TRIVENDRUM ( 1001 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO | | TEMPERATURE A | | | | NO | | TEMPERATURE A | | | | NO | | TEMPERATURE A | | | |
| MB | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00079 | 296.1 | 302 | 292 | 294.7 | 31 | 01588 | 277.5 | 283 | 273 | 276.5 | 31 | 00064 | 299.2 | 300 | 298 | 296.4 |
| 1000 | 31 | 00083 | 296.6 | 302 | 295 | 295.3 | 29 | 00169 | | | | | 31 | 00076 | 299.1 | 300 | 298 | 296.3 |
| 900 | 31 | 01001 | 293.6 | 297 | 291 | 285.5 | 29 | 01046 | | | | | 31 | 01000 | 293.9 | 297 | 291 | 289.1 |
| 850 | 31 | 01493 | 291.5 | 296 | 288 | 280.3 | 29 | 01515 | | | | | 31 | 01493 | 291.1 | 294 | 288 | 286.6 |
| 800 | 31 | 02011 | 288.5 | 292 | 284 | 276.5 | 29 | 02007 | 276.4 | 281 | 270 | 273.2 | 31 | 02012 | 288.4 | 292 | 285 | 281.5 |
| 700 | 31 | 03134 | 282.8 | 287 | 276 | 271.9 | 29 | 03081 | 270.6 | 275 | 264 | 266.4 | 31 | 03136 | 282.4 | 286 | 279 | 274.9 |
| 600 | 31 | 04403 | 276.1 | 280 | 273 | 262.7 | 29 | 04290 | 264.3 | 271 | 255 | | 31 | 04402 | 276.3 | 280 | 273 | 267.7 |
| 500 | 31 | 05856 | 268.0 | 273 | 262 | | 28 | 05677 | 255.5 | 261 | 247 | | 31 | 05859 | 268.2 | 271 | 265 | |
| 400 | 31 | 07577 | 257.9 | 262 | 254 | | 26 | 07321 | 244.8 | 252 | 240 | | 31 | 07582 | 258.2 | 261 | 253 | |
| 300 | 30 | 09688 | 243.5 | 258 | 238 | | 26 | 09322 | 230.5 | 241 | 225 | | 31 | 09697 | 242.5 | 246 | 237 | |
| 250 | 29 | 10994 | 226.9 | 240 | 224 | | 26 | 10543 | 224.2 | 232 | 218 | | 31 | 10968 | 232.7 | 237 | 227 | |
| 200 | 29 | 12452 | 222.2 | 226 | 214 | | 26 | 11992 | 220.1 | 230 | 210 | | 31 | 12452 | 220.2 | 225 | 215 | |
| 175 | 27 | 13311 | 216.2 | 224 | 208 | | 25 | 12857 | 220.3 | 229 | 214 | | 28 | 13290 | 214.3 | 221 | 209 | |
| 150 | 26 | 14276 | 209.6 | 219 | 199 | | 23 | 13847 | 220.0 | 228 | 213 | | 28 | 14229 | 208.2 | 215 | 202 | |
| 125 | 21 | 15332 | 204.3 | 214 | 199 | | 23 | 15019 | 218.6 | 229 | 210 | | 28 | 15331 | 201.5 | 209 | 194 | |
| 100 | 20 | 16709 | 200.0 | 210 | 192 | | 19 | 16445 | 216.2 | 221 | 212 | | 28 | 16658 | 196.9 | 209 | 192 | |
| 80 | 16 | 18021 | 200.4 | 218 | 191 | | 17 | 17873 | 215.3 | 220 | 210 | | 20 | 17940 | 198.8 | 206 | 195 | |
| 70 | 13 | 18798 | 201.5 | 208 | 194 | | 14 | 18704 | 216.5 | 222 | 210 | | 20 | 18727 | 202.2 | 210 | 196 | |
| 60 | 09 | 19732 | 205.5 | 213 | 197 | | 12 | 19654 | 216.7 | 228 | 210 | | 16 | 19625 | 205.6 | 211 | 200 | |
| 50 | 07 | 20838 | 207.9 | 214 | 202 | | 11 | 20814 | 219.0 | 225 | 215 | | 14 | 20719 | 209.4 | 216 | 204 | |
| 40 | 05 | 22209 | 211.2 | 216 | 205 | | 08 | 22280 | 218.9 | 230 | 210 | | 10 | 22072 | 214.0 | 219 | 209 | |
| 30 | | | | | | | 05 | 24255 | 226.4 | 236 | 218 | | 05 | 23959 | 220.4 | 225 | 217 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | VISHAKHAPATNAM SURFACE PR ( 1005 MB) | | | | | | ( 0 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO | | TEMPERATURE A | | | | NO | | TEMPERATURE A | | | | NO | | TEMPERATURE A | | | |
| MB | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT | OF OBS | HT GPM | MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00041 | 297.9 | 300 | 295 | 294.7 | | | | | | | | | | | | |
| 1000 | 31 | 00082 | 297.4 | 300 | 296 | 294.1 | | | | | | | | | | | | |
| 900 | 30 | 01007 | 296.5 | 301 | 291 | 280.5 | | | | | | | | | | | | |
| 850 | 30 | 01505 | 293.9 | 299 | 290 | 279.8 | | | | | | | | | | | | |
| 800 | 30 | 02026 | 289.6 | 295 | 286 | 277.2 | | | | | | | | | | | | |
| 700 | 30 | 03149 | 281.4 | 284 | 277 | 271.3 | | | | | | | | | | | | |
| 600 | 29 | 04409 | 274.9 | 279 | 270 | 262.4 | | | | | | | | | | | | |
| 500 | 29 | 05860 | 267.1 | 272 | 261 | | | | | | | | | | | | | |
| 400 | 29 | 07578 | 256.7 | 264 | 252 | | | | | | | | | | | | | |
| 300 | 27 | 09694 | 243.1 | 247 | 239 | | | | | | | | | | | | | |
| 250 | 27 | 10973 | 233.8 | 239 | 229 | | | | | | | | | | | | | |
| 200 | 27 | 12464 | 222.7 | 229 | 218 | | | | | | | | | | | | | |
| 175 | 22 | 13317 | 217.4 | 222 | 213 | | | | | | | | | | | | | |
| 150 | 22 | 14281 | 212.1 | 217 | 207 | | | | | | | | | | | | | |
| 125 | 21 | 15376 | 207.6 | 215 | 203 | | | | | | | | | | | | | |
| 100 | 20 | 16749 | 203.1 | 207 | 199 | | | | | | | | | | | | | |
| 80 | 18 | 18082 | 204.1 | 210 | 200 | | | | | | | | | | | | | |
| 70 | 16 | 18875 | 205.9 | 212 | 202 | | | | | | | | | | | | | |
| 60 | 11 | 19806 | 208.9 | 214 | 205 | | | | | | | | | | | | | |
| 50 | 10 | 20893 | 213.1 | 219 | 207 | | | | | | | | | | | | | |
| 40 | 07 | 22235 | 214.6 | 220 | 207 | | | | | | | | | | | | | |
| 30 | 06 | 24098 | 216.5 | 222 | 213 | | | | | | | | | | | | | |
| 20 | 05 | 25214 | 219.2 | 223 | 214 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE, DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(@) FROM ASCENTS AT 12 HRS G.M.T.
MARCH, 1966 (PHALGUNA 10, 1887 - CHAITRA 10, 1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1002 MB) | | | | | | ALLAHABAD/BAMHRAULI ( 996 MB) | | | | | | BANGALORE ( 908 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00055 | 307.4 | 311 | 303 | 278.7 | 31 | 00098 | 306.4 | 313 | 300 | 281.3 | 31 | 00921 | 304.7 | 306 | 302 | 286.7 |
| 1000 | 31 | 00072 | 306.9 | 311 | 302 | 278.0 | 31 | 00063 | | | | | 31 | 00052 | | | | |
| 900 | 31 | 01006 | 297.8 | 304 | 291 | 270.1 | 31 | 00999 | 298.9 | 304 | 292 | 272.1 | 31 | 00999 | 303.8 | 306 | 301 | 285.0 |
| 850 | 31 | 01503 | 293.2 | 299 | 286 | 267.8 | 31 | 01497 | 294.5 | 303 | 286 | 265.5 | 31 | 01506 | 299.6 | 303 | 295 | 281.1 |
| 800 | 31 | 02022 | 288.8 | 295 | 280 | 264.9 | 31 | 02017 | 290.4 | 295 | 283 | 268.4 | 31 | 02035 | 294.4 | 299 | 289 | 275.7 |
| 700 | 31 | 03139 | 281.1 | 285 | 275 | 257.9 | 31 | 03140 | 282.5 | 287 | 278 | 258.0 | 31 | 03171 | 284.6 | 290 | 281 | 275.6 |
| 600 | 30 | 04393 | 273.5 | 278 | 269 | 244.2 | 31 | 04394 | 273.9 | 281 | 267 | 255.2 | 31 | 04440 | 276.7 | 281 | 273 | 266.3 |
| 500 | 30 | 05832 | 264.3 | 270 | 258 | | 31 | 05833 | 264.2 | 272 | 258 | | 30 | 05901 | 269.6 | 273 | 265 | |
| 400 | 27 | 07526 | 253.4 | 263 | 244 | | 31 | 07528 | 252.4 | 260 | 245 | | 30 | 07629 | 258.3 | 263 | 254 | |
| 300 | 23 | 09608 | 238.8 | 251 | 229 | | 31 | 09609 | 240.1 | 249 | 232 | | 30 | 09748 | 243.6 | 249 | 240 | |
| 250 | 22 | 10908 | 231.2 | 243 | 223 | | 31 | 10875 | 233.5 | 241 | 227 | | 30 | 11025 | 234.3 | 240 | 230 | |
| 200 | 22 | 12354 | 223.0 | 235 | 216 | | 31 | 12375 | 225.3 | 236 | 218 | | 30 | 12504 | 223.2 | 228 | 220 | |
| 175 | 20 | 13224 | 218.9 | 231 | 208 | | 30 | 13255 | 221.5 | 233 | 213 | | 22 | 13336 | 216.5 | 221 | 206 | |
| 150 | 18 | 14193 | 213.2 | 221 | 203 | | 29 | 14240 | 217.0 | 227 | 204 | | 22 | 14347 | 211.2 | 223 | 199 | |
| 125 | 16 | 15330 | 206.3 | 217 | 199 | | 25 | 15366 | 210.6 | 218 | 196 | | 19 | 15452 | 205.8 | 211 | 202 | |
| 100 | 13 | 16642 | 201.7 | 211 | 194 | | 23 | 16717 | 207.0 | 212 | 195 | | 18 | 16800 | 200.4 | 206 | 196 | |
| 80 | 08 | 17955 | 202.9 | 207 | 192 | | 19 | 18025 | 206.2 | 215 | 192 | | 13 | 18128 | 201.7 | 207 | 197 | |
| 70 | 08 | 18753 | 203.2 | 210 | 189 | | 17 | 18849 | 207.0 | 217 | 193 | | 12 | 18884 | 204.9 | 211 | 199 | |
| 60 | 05 | 19689 | 207.3 | 214 | 202 | | 13 | 19847 | 208.6 | 217 | 195 | | 11 | 19831 | 206.2 | 213 | 202 | |
| 50 | | | | | | | 07 | 20910 | 212.1 | 217 | 206 | | 10 | 20937 | 209.3 | 215 | 204 | |
| 40 | | | | | | | 06 | 22419 | 216.5 | 223 | 211 | | 06 | 22340 | 211.5 | 221 | 201 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1007 MB) | | | | | | CALCUTTA/DUM DUM ( 1005 MB) | | | | | | GAUHATI ( 1001 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00013 | 302.5 | 309 | 297 | 290.7 | 31 | 00006 | 305.0 | 310 | 301 | 291.3 | 31 | 00049 | 300.7 | 307 | 295 | 287.4 |
| 1000 | 30 | 00071 | 302.0 | 308 | 296 | 290.7 | 31 | 00055 | 305.1 | 310 | 300 | 289.5 | 31 | 00053 | 300.2 | 307 | 296 | 284.2 |
| 900 | 30 | 01004 | 298.9 | 304 | 292 | 280.5 | 31 | 00995 | 299.8 | 307 | 293 | 278.8 | 31 | 00978 | 295.6 | 301 | 291 | 277.7 |
| 850 | 30 | 01504 | 295.6 | 300 | 291 | 278.8 | 31 | 01496 | 295.8 | 302 | 291 | 276.8 | 31 | 01471 | 291.4 | 297 | 287 | 274.4 |
| 800 | 30 | 02028 | 291.9 | 297 | 288 | 277.6 | 31 | 02016 | 291.6 | 297 | 287 | 274.7 | 31 | 01988 | 287.8 | 294 | 283 | 272.7 |
| 700 | 30 | 03158 | 283.6 | 291 | 279 | 272.6 | 31 | 03143 | 283.5 | 290 | 279 | 265.7 | 31 | 03099 | 279.2 | 284 | 274 | 264.8 |
| 600 | 30 | 04424 | 275.9 | 283 | 271 | 264.1 | 31 | 04410 | 276.5 | 283 | 269 | 257.2 | 30 | 04351 | 273.0 | 280 | 268 | |
| 500 | 30 | 05882 | 267.1 | 273 | 261 | | 31 | 05866 | 267.1 | 274 | 262 | | 30 | 05792 | 265.2 | 271 | 260 | |
| 400 | 30 | 07624 | 256.2 | 262 | 249 | | 31 | 07580 | 256.7 | 262 | 249 | | 30 | 07487 | 253.3 | 263 | 247 | |
| 300 | 30 | 09693 | 241.6 | 248 | 236 | | 30 | 09692 | 243.8 | 251 | 232 | | 30 | 09564 | 239.6 | 247 | 233 | |
| 250 | 30 | 10963 | 233.2 | 239 | 227 | | 30 | 10976 | 235.7 | 242 | 227 | | 29 | 10831 | 232.6 | 239 | 226 | |
| 200 | 30 | 12458 | 223.4 | 228 | 217 | | 29 | 12487 | 226.4 | 233 | 219 | | 29 | 12326 | 224.5 | 229 | 219 | |
| 175 | 29 | 13324 | 218.2 | 225 | 212 | | 29 | 13374 | 220.8 | 229 | 211 | | 28 | 13201 | 219.7 | 223 | 213 | |
| 150 | 26 | 14297 | 213.3 | 220 | 207 | | 29 | 14351 | 215.4 | 224 | 205 | | 26 | 14182 | 214.6 | 222 | 209 | |
| 125 | 24 | 15427 | 207.9 | 217 | 199 | | 29 | 15502 | 209.7 | 218 | 200 | | 23 | 15317 | 208.7 | 221 | 201 | |
| 100 | 19 | 16772 | 203.0 | 214 | 198 | | 28 | 16842 | 204.5 | 213 | 198 | | 18 | 16676 | 204.6 | 219 | 195 | |
| 80 | 15 | 18101 | 201.0 | 209 | 196 | | 15 | 18213 | 204.0 | 211 | 200 | | 09 | 18036 | 202.4 | 218 | 193 | |
| 70 | 15 | 18889 | 202.1 | 208 | 199 | | 10 | 19032 | 208.5 | 214 | 205 | | 08 | 18857 | 203.5 | 217 | 193 | |
| 60 | 12 | 19811 | 206.7 | 214 | 200 | | 08 | 19907 | 212.3 | 217 | 206 | | 07 | 19789 | 207.6 | 225 | 198 | |
| 50 | 11 | 20928 | 211.5 | 218 | 203 | | 06 | 21105 | 217.5 | 220 | 215 | | 05 | 20940 | 212.4 | 232 | 199 | |
| 40 | 05 | 22306 | 213.0 | 217 | 09 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1006 MB) | | | | | | MINICOY ( 1008 MB) | | | | | | NAGPUR/SONEGAON ( 981 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00015 | 303.6 | 306 | 301 | 295.1 | 31 | 00002 | 302.8 | 303 | 301 | 296.5 | 31 | 00311 | 307.9 | 312 | 299 | 282.5 |
| 1000 | 31 | 00069 | 305.9 | 305 | 299 | 294.5 | 31 | 00096 | 301.9 | 303 | 301 | 295.8 | 31 | 00050 | | | | |
| 900 | 31 | 00999 | 297.4 | 301 | 293 | 283.1 | 31 | 01004 | 294.3 | 296 | 291 | 289.6 | 31 | 00998 | 301.7 | 305 | 294 | 279.6 |
| 850 | 31 | 01497 | 294.1 | 297 | 291 | 278.7 | 31 | 01498 | 292.0 | 295 | 289 | 285.5 | 31 | 01502 | 297.6 | 303 | 291 | 277.1 |
| 800 | 31 | 02019 | 290.7 | 294 | 287 | 276.5 | 31 | 02018 | 289.6 | 293 | 287 | 282.0 | 31 | 02027 | 293.0 | 301 | 287 | 276.8 |
| 700 | 31 | 03145 | 283.1 | 287 | 279 | 270.2 | 31 | 03141 | 283.2 | 285 | 280 | 274.7 | 31 | 03157 | 283.0 | 292 | 277 | 272.6 |
| 600 | 31 | 04412 | 276.2 | 279 | 269 | 262.1 | 31 | 04408 | 276.7 | 281 | 272 | 265.5 | 30 | 04415 | 274.0 | 279 | 270 | 263.0 |
| 500 | 31 | 05873 | 268.3 | 272 | 264 | | 31 | 05867 | 269.0 | 273 | 264 | | 30 | 05859 | 265.7 | 274 | 259 | |
| 400 | 31 | 07599 | 258.5 | 265 | 255 | | 31 | 07592 | 258.6 | 263 | 252 | | 30 | 07564 | 255.1 | 261 | 249 | |
| 300 | 31 | 09720 | 243.6 | 247 | 237 | | 30 | 09714 | 243.4 | 250 | 239 | | 30 | 09658 | 240.9 | 247 | 235 | |
| 250 | 31 | 11000 | 234.6 | 241 | 225 | | 30 | 10988 | 233.7 | 238 | 228 | | 30 | 10874 | 232.6 | 240 | 222 | |
| 200 | 31 | 12497 | 227.5 | 228 | 214 | | 30 | 12477 | 222.0 | 227 | 217 | | 30 | 12412 | 223.8 | 231 | 217 | |
| 175 | 31 | 13365 | 216.7 | 223 | 209 | | 30 | 13325 | 215.5 | 219 | 211 | | 27 | 13287 | 219.4 | 227 | 213 | |
| 150 | 31 | 14323 | 210.5 | 218 | 202 | | 29 | 14297 | 209.4 | 214 | 203 | | 27 | 14276 | 214.5 | 222 | 207 | |
| 125 | 30 | 15428 | 204.5 | 211 | 194 | | 26 | 15383 | 202.9 | 208 | 198 | | 24 | 15395 | 209.0 | 216 | 203 | |
| 100 | 29 | 16764 | 198.6 | 204 | 192 | | 24 | 16718 | 197.3 | 205 | 191 | | 19 | 16735 | 203.0 | 208 | 197 | |
| 80 | 24 | 18074 | 198.2 | 211 | 193 | | 23 | 18013 | 198.2 | 205 | 189 | | 11 | 18068 | 201.9 | 210 | 194 | |
| 70 | 22 | 18843 | 201.3 | 209 | 195 | | 21 | 18828 | 201.9 | 210 | 197 | | 09 | 18926 | 202.8 | 213 | 195 | |
| 60 | 15 | 19725 | 206.0 | 215 | 199 | | 16 | 19707 | 204.9 | 212 | 199 | | 08 | 19968 | 206.4 | 213 | 197 | |
| 50 | 11 | 20827 | 209.7 | 216 | 205 | | 14 | 20805 | 207.7 | 216 | 201 | | 07 | 20763 | 209.4 | 215 | 198 | |
| 40 | | | | | | | 09 | 22210 | 212.7 | 220 | 205 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

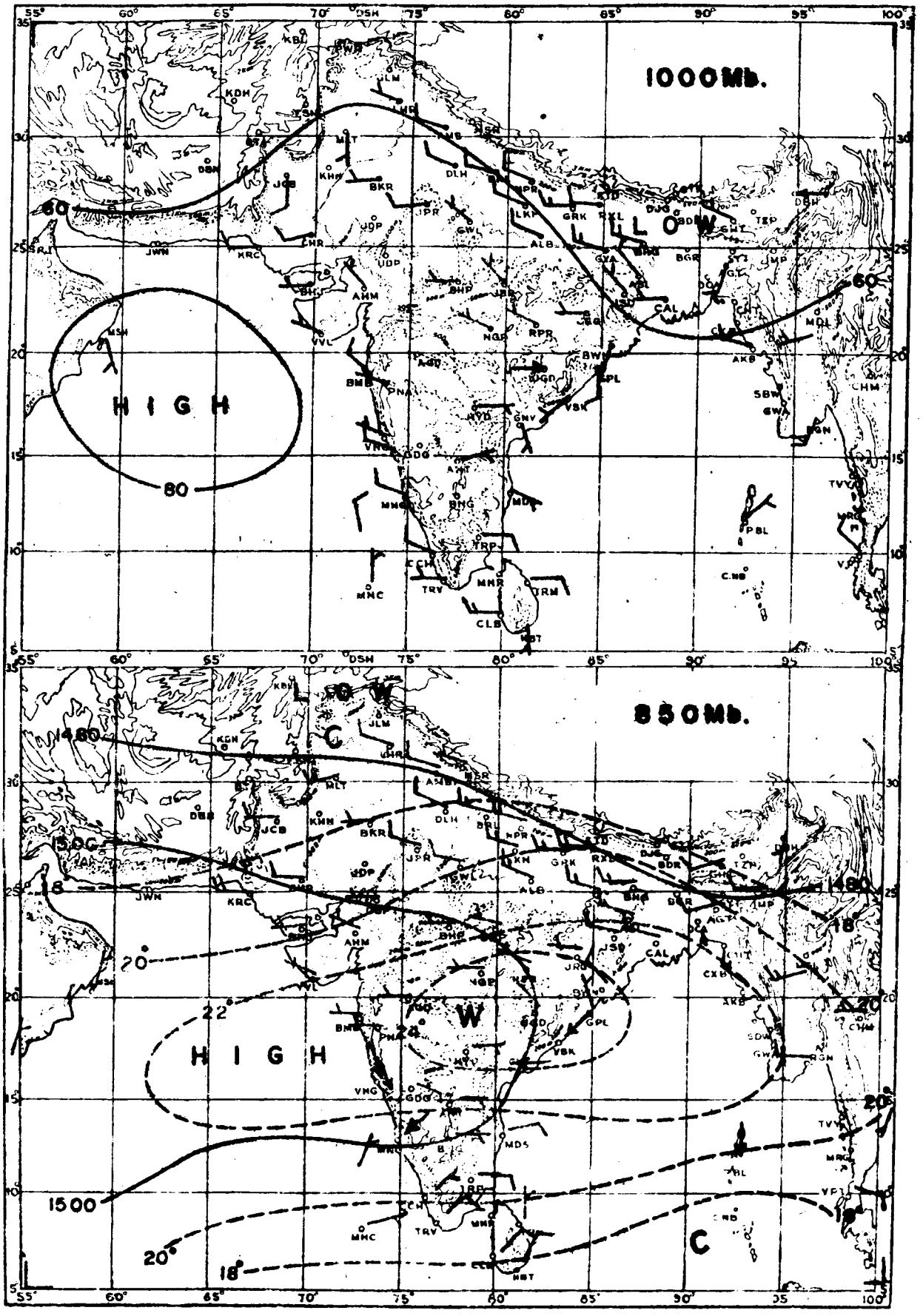
RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
MARCH,1966(PHALGUNA 10,1887 - CHAITRA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NEW DELHI/SAFDARJUNG SURFACE PR ( 985 MB) | | | | | | 'PORT BLAIR ( 1000 MB) | | | | | | SRINAGAR ( 841 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00209 | 301.7 | 308 | 295 | 280.3 | 31 | 00079 | 301.1 | 302 | 299 | 294.8 | 31 | 01588 | 284.8 | 290 | 276 | 284.8 |
| 1000 | 31 | 00066 | | | | | 31 | 00077 | 300.9 | 302 | 300 | 295.7 | 27 | 00123 | | | | |
| 900 | 31 | 00993 | 295.7 | 302 | 288 | 272.8 | 31 | 00996 | 293.5 | 298 | 289 | 288.9 | 27 | 01023 | | | | |
| 850 | 31 | 01485 | 291.6 | 298 | 284 | 268.6 | 31 | 01488 | 291.1 | 295 | 283 | 283.6 | 27 | 01503 | | | | |
| 800 | 31 | 02000 | 287.4 | 293 | 280 | 264.3 | 31 | 02005 | 288.3 | 291 | 283 | 279.8 | 27 | 02006 | 279.7 | 284 | 274 | 273.7 |
| 700 | 31 | 03110 | 279.4 | 284 | 270 | 257.0 | 31 | 03125 | 282.6 | 287 | 279 | 272.7 | 27 | 03089 | 272.9 | 278 | 268 | 264.4 |
| 600 | 31 | 04386 | 270.5 | 278 | 266 | | 31 | 04389 | 276.2 | 280 | 271 | 267.5 | 27 | 04308 | 265.2 | 273 | 259 | |
| 500 | 31 | 05775 | 261.9 | 269 | 254 | | 31 | 05846 | 268.4 | 273 | 262 | | 27 | 05699 | 255.5 | 263 | 248 | |
| 400 | 31 | 07449 | 249.2 | 259 | 243 | | 31 | 07567 | 257.6 | 263 | 253 | | 27 | 07336 | 244.9 | 255 | 238 | |
| 300 | 31 | 09492 | 235.5 | 242 | 229 | | 30 | 09677 | 242.5 | 249 | 236 | | 27 | 09335 | 234.7 | 244 | 224 | |
| 250 | 30 | 10707 | 228.5 | 239 | 221 | | 29 | 10941 | 232.5 | 237 | 225 | | 27 | 10552 | 225.1 | 237 | 217 | |
| 200 | 30 | 12203 | 222.7 | 233 | 217 | | 29 | 12425 | 221.0 | 227 | 215 | | 26 | 12017 | 221.5 | 232 | 211 | |
| 175 | 29 | 13059 | 219.6 | 227 | 213 | | 27 | 13265 | 214.4 | 221 | 207 | | 23 | 12840 | 220.3 | 232 | 213 | |
| 150 | 29 | 14042 | 216.0 | 222 | 210 | | 27 | 14233 | 208.5 | 214 | 203 | | 20 | 13901 | 220.8 | 229 | 216 | |
| 125 | 24 | 15203 | 212.0 | 219 | 207 | | 24 | 15321 | 202.6 | 212 | 197 | | 18 | 15102 | 219.3 | 224 | 212 | |
| 100 | 21 | 16566 | 202.5 | 214 | 201 | | 18 | 16636 | 197.2 | 203 | 193 | | 15 | 16521 | 216.1 | 221 | 208 | |
| 80 | 14 | 17930 | 206.4 | 215 | 200 | | 14 | 17902 | 196.1 | 199 | 193 | | 13 | 17957 | 214.5 | 221 | 208 | |
| 70 | 14 | 18741 | 207.1 | 216 | 197 | | 11 | 18705 | 200.8 | 207 | 195 | | 12 | 18790 | 214.2 | 219 | 207 | |
| 60 | 08 | 19656 | 209.6 | 214 | 203 | | 05 | 19662 | 203.0 | 207 | 198 | | 09 | 19779 | 214.8 | 219 | 207 | |
| 50 | 07 | 20795 | 213.7 | 218 | 208 | | 05 | 20743 | 208.4 | 213 | 201 | | 08 | 20953 | 217.9 | 223 | 207 | |
| 40 | 06 | 22236 | 217.3 | 220 | 213 | | | | | | | | 05 | 22368 | 220.6 | 223 | 213 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | TRIVANDRUM SURFACE PR ( 1000 MB) | | | | | | VISHAKHAPATNAM ( 1003 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00064 | 303.7 | 305 | 302 | 296.8 | 31 | 00041 | 301.6 | 303 | 299 | 296.4 | | | | | | |
| 1000 | 31 | 00063 | 303.6 | 305 | 302 | 296.5 | 30 | 00067 | 301.4 | 303 | 299 | 295.9 | | | | | | |
| 900 | 31 | 00995 | 295.4 | 297 | 292 | 291.2 | 30 | 00996 | 297.5 | 301 | 293 | 283.6 | | | | | | |
| 850 | 31 | 01491 | 292.2 | 295 | 289 | 288.9 | 30 | 01496 | 294.6 | 300 | 291 | 281.3 | | | | | | |
| 800 | 30 | 02011 | 288.8 | 292 | 285 | 285.4 | 30 | 02020 | 291.1 | 296 | 287 | 279.1 | | | | | | |
| 700 | 30 | 03132 | 283.4 | 286 | 281 | 277.5 | 30 | 03148 | 282.4 | 288 | 278 | 274.8 | | | | | | |
| 600 | 30 | 04405 | 276.7 | 282 | 273 | 269.2 | 30 | 04410 | 275.7 | 281 | 270 | 262.1 | | | | | | |
| 500 | 30 | 05864 | 268.7 | 273 | 264 | | 30 | 05863 | 267.2 | 273 | 263 | | | | | | | |
| 400 | 30 | 07589 | 258.3 | 263 | 253 | | 30 | 07560 | 257.1 | 264 | 253 | | | | | | | |
| 300 | 30 | 09706 | 242.9 | 248 | 238 | | 30 | 09692 | 242.5 | 248 | 236 | | | | | | | |
| 250 | 30 | 10980 | 233.4 | 238 | 229 | | 30 | 10966 | 234.1 | 239 | 229 | | | | | | | |
| 200 | 30 | 12471 | 221.9 | 227 | 214 | | 30 | 12466 | 223.4 | 229 | 217 | | | | | | | |
| 175 | 29 | 13315 | 216.1 | 221 | 210 | | 28 | 13322 | 218.0 | 222 | 210 | | | | | | | |
| 150 | 29 | 14293 | 209.8 | 216 | 202 | | 27 | 14305 | 212.6 | 217 | 203 | | | | | | | |
| 125 | 28 | 15322 | 203.7 | 207 | 199 | | 24 | 15395 | 207.1 | 211 | 198 | | | | | | | |
| 100 | 27 | 16722 | 198.1 | 209 | 191 | | 21 | 16739 | 201.9 | 207 | 196 | | | | | | | |
| 80 | 22 | 18017 | 197.8 | 207 | 192 | | 18 | 18077 | 202.8 | 209 | 191 | | | | | | | |
| 70 | 21 | 18791 | 199.4 | 206 | 194 | | 16 | 18869 | 204.6 | 213 | 194 | | | | | | | |
| 60 | 20 | 19697 | 202.6 | 211 | 195 | | 14 | 19794 | 206.0 | 214 | 195 | | | | | | | |
| 50 | 18 | 20859 | 206.9 | 216 | 196 | | 13 | 20819 | 210.2 | 215 | 203 | | | | | | | |
| 40 | 07 | 22152 | 210.9 | 217 | 204 | | 07 | 22314 | 215.4 | 219 | 209 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I. Met. D.* **MARCH 1966** *Plate* I




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots

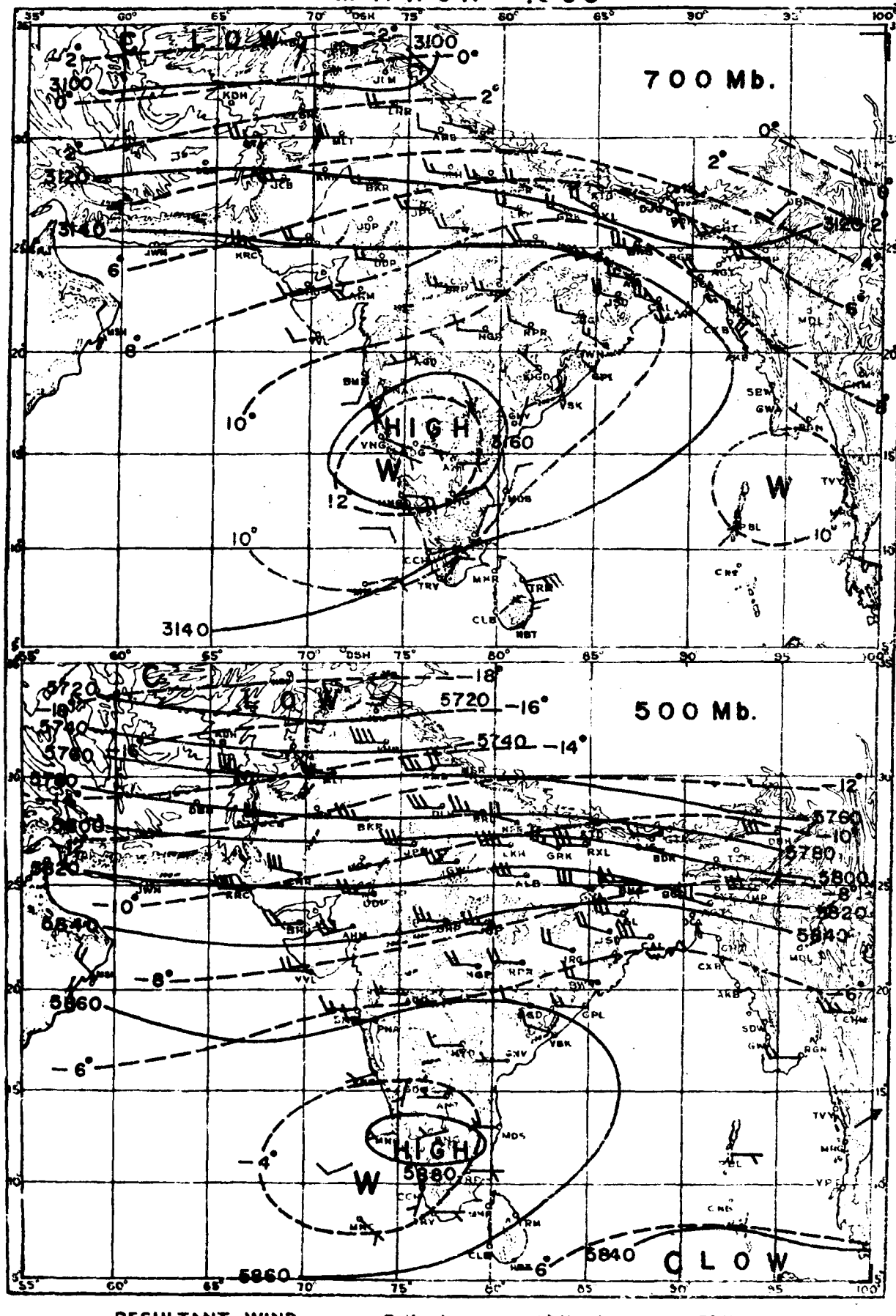
---------- Isotherms in degrees absolute. ———— Contours in geopotential metres.

DDBC/9162(1):11:70

G.P.Z. P. POONA, 1969

MONTHLY MEAN CONSTANT PRESSURE CHARTS

I. Met. D. MARCH 1966 Plate II




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots.

---------- Isotherms in degrees absolute. ---------- Contours in geopotential metres.

DDGC/5162(11):11:70

G.P.E.P. POONA, 1969

Apr. 1966

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# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## APRIL

MONTHLY WEATHER REPORT

FOR

APRIL - 1966

C O N T E N T S


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** ** **

MEANINGS OF SYMBOLS AND ABBREVIATIONS IN

TABLES II AND III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| $\pi$ | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## APRIL

Published by authority of the Government of India

Chief features :-

i) Movement of five weak western disturbances across Northwest India. Subnormal precipitation over Northwest India except over the extreme northern parts;

ii) Deficit rainfall in Northeast India;

iii) A few spells of good thundershowers over the Peninsula; and

iv) Development of a severe cyclonic storm in the Bay of Bengal.

Five western disturbances moved eastwards across Northwest India during the month, but none of them was active and only light to moderate precipitation occurred over Northwest India in association with them. Consequently, the precipitation was subhormal over Northwest India except over the extreme northern parts. The details of the movement and activity of the various western disturbances are given in the accompanying statement.

Assam received rainfall almost on all days of the month, but the rainfall was mostly scattered or isolated. There were, however, a few spells of good thundershowers which extended to the remaining parts of Northeast India also. During the first spell when scattered or isolated thundershowers occurred in Assam in the middle of the first week, Silchar recorded 3 cm. of rain on 3rd and 4 cm. on 4th. Most parts of Northeast India received rainfall during the first half of the second week. Haflong recorded 6 cm. of rain on 8th and Silchar and Mohanbari 4 cm. each on 9th. In association with the movement of an induced low from Rajasthan across Assam during the middle of the month, Pasighat and Majbat recorded 7 cm. of rain each, Sibsagar and Darjeeling 5 cm. each and Tezpur 4 cm. on 16th. The last spell of good thundershower activity occurred at the beginning of the last week. Goalpara reported 6 cm. of rain on 22nd, Silchar 5 cm. and Cooch Behar 4 cm. on 23rd. The total rainfall for the month over Northeast India was, however, deficient.

A few spells of good thundershowers occurred over the Peninsula. A trough of low pressure moving westward across Ceylon, Comorin and the adjoining south Peninsula caused a few thundershowers in the extreme south Peninsula at the beginning of the month. Pamban recorded 9 cm. of rain and Punalur 4 cm. on 1st. Another trough of low pressure moving similarly caused a second spell of thundershowers over the same area during the period 4th to 7th. The seasonal trough of low pressure established itself over the Peninsula at the beginning of the second week and isolated thundershower activity continued over the Peninsula during the rest of the month with a few good spells. Under the influence of an upper air trough moving westwards across the extreme south Peninsula during the period 17th - 20th, there was good thundershower activity over the Peninsula. Kanya Kumari recorded 6 cm. of rain and Tuticorin 4 cm. on 20th. Later the seasonal trough of low pressure over the Peninsula became more marked leading to fairly good rainfall in the south Peninsula and light to moderate thundershowers over the central parts of the country. Salem recorded 7 cm. of rain on 22nd and Punalur 5 cm. and Kallakkurichchi 4 cm. on 24th.

A trough of low pressure lying over the south Andaman Sea on 25th moved westwards into the south Bay of Bengal on 26th. It concentrated into a depression by the morning of 28th with centre near Latitude 8.0°N and Long. 88.0°E. Moving northwestwards, it further intensified into a cyclonic storm by the morning of 29th with centre near Latitude 10.0°N and Long. 85.0°E and into a severe cyclonic storm by the next morning when it was centred near Lat. 11.0°N and Long. 84.0°E. In association with this development, there was good rainfall in the south Bay Islands during the last week and also over the south Peninsula towards the end of the month.

Day temperatures were generally above normal over Northeast India and the Peninsula during the first fortnight. They were also above normal over the central parts of the country and Uttar Pradesh during the first week and again from 12th to 15th and over Northwest India and Gujarat State during the first four days of the month. Day temperatures over Northwest India were below normal from 5th to 18th and again during the last week. Over Gujarat State also day temperatures remained below normal during the last ten days of the month.

Rainfall was in large excess in Vidarbha, normal in North Assam, Orissa, Bihar Plateau, Jammu and Kashmir and Madras State, in slight defect in South Assam and in East Madhya Pradesh and in moderate defect in Bay Islands, Gangetic West Bengal, Interior Mysore and Kerala. It was in large defect over the rest of the country.

The mean maximum temperature was above normal in Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar, East Uttar Pradesh, East Madhya Pradesh and Interior Mysore and below normal over Jammu and Kashmir. It was normal over the rest of the country.

The mean minimum temperature was above normal in Himachal Pradesh and East Madhya Pradesh and below normal in Saurashtra and Kutch. It was normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Marathwada and normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Himachal Pradesh and Jammu and Kashmir and below normal over Sub-Himalayan West Bengal and Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in Jammu and Kashmir, East Madhya Pradesh, Madhya Maharashtra, Marathwada and Vidarbha and below normal over Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar, Himachal Pradesh and Rayalaseema. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Orissa and East Madhya Pradesh and below normal in Konkan and Rayalaseema. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona-5.

the 20th July 1966.

R. ANANTHAKRISHNAN

for DIRECTOR GENERAL OF OBSERVATORIES.

STATEMENT SHOWING THE MOVEMENT AND ACTIVITY OF WESTERN DISTURBANCES DURING THE MONTH OF APRIL, 1966.

| No. | Period | Course | Region affected | Nature of precipitation | Period | Remarks |
|---|---|---|---|---|---|---|
| 1. | 4th - 8th | Afghanistan-Punjab-Western Himalayas. | Jammu & Kashmir | Widespread/Fairly widespread rain, Scattered rain. | 5th & 7th, 6th | |
| | | | The Punjab | Scattered/Isolated rain. | 7th & 8th | |
| | | | West Uttar Pradesh | Scattered/Isolated rain or snow. | 7th & 8th | |
| 2. | 13th - 16th | Northern divisions of West Pakistan-Punjab-Western Himalayas. | Jammu & Kashmir | Widespread rain, Scattered/Isolated rain. | 14th 15th & 16th | An induced low formed over southwest Rajasthan and adjoining West Pakistan on 13th and moved eastwards. It passed off across Assam by 17th causing good thundershowers over Madhya Pradesh and Northeast India. |
| | | | The Punjab | Isolated rain. | 14th & 15th | |
| | | | West Uttar Pradesh | Isolated rain. | 14th & 15th | |
| 3. | 17th - 19th | Northern divisions of West Pakistan-Punjab-Western Himalayas. | Jammu & Kashmir | Isolated rain or snow. | 17th & 18th | |
| | | | The Punjab | Isolated rain. | 18th & 19th | |
| 4. | 21st - 23rd | Northeast Afghanistan-Punjab-Western Himalayas. | Jammu & Kashmir | Fairly widespread/ scattered rain. | 22nd & 23rd | |
| | | | The Punjab | Scattered rain. | 23rd | |
| | | | West Uttar Pradesh | Isolated rain. | 22nd | |
| 5. | 25th - 30th | Baluchistan and adjoining Afghanistan-Punjab-Western Himalayas. | Jammu & Kashmir | Fairly widespread rain. | 26th, 28th & 29th | |
| | | | | Scattered/Isolated rain. | 27th & 30th | |
| | | | West Uttar Pradesh | Isolated rain. | 27th | |
| | | | The Punjab | Isolated rain. | 28th, 29th & 30th. | |
| | | | West Rajasthan | Isolated rain | 28th. | |

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## TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 151.6 | 95 | 31.7 | 19.6 | 70 | 69 | 3.5 | 3.6 |
| | - 8.5 | | +0.3 | -0.5 | - 0 | - 2 | -0.0 | -0.1 |
| 2.WEST BENGAL | 22.9 | 49 | 37.5 | 23.8 | 59 | 46 | 1.9 | 2.6 |
| | - 30.4 | | +1.6 | +0.3 | - 3 | - 2 | -0.9 | -0.1 |
| 3.ORISSA | 26.8 | 98 | 37.8 | 24.3 | 62 | 49 | 2.6 | 4.3 |
| | - 0.6 | | +0.7 | -0.6 | + 1 | + 1 | +0.2 | +0.9 |
| 4.BIHAR | 8.1 | 49 | 38.9 | 22.3 | 43 | 28 | 1.1 | 2.2 |
| | - 8.6 | | +1.4 | +0.0 | - 1 | + 1 | -0.6 | +0.1 |
| 5.UTTAR PRADESH | 1.8 | 22 | 38.4 | 20.6 | 34 | 20 | 1.3 | 1.6 |
| | - 6.[illegible] | | +1.4 | -0.1 | - 4 | - 2 | -0.0 | -0.0 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) | 3.7 | 27 | 34.5 | 18.3 | 49 | 38 | 1.9 | 2.6 |
| | - 9.9 | | -0.3 | +0.3 | + 3 | + 4 | +0.1 | +0.2 |
| 7.JAMMU AND KASHMIR | 43.9 | 102 | 22.5 | 8.1 | 60 | 52 | 4.4 | 5.1 |
| | + 1.0 | | -1.1 | -0.8 | + 4 | + 9 | +1.0 | +0.0 |
| 8.RAJASTHAN | 0.4 | 13 | [illegible] | [illegible] | 35 | 22 | 1.3 | 2.2 |
| | - 2.[illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | +0.0 | +0.1 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH | 6.0 | 63 | 38.9 | 22.6 | 32 | 19 | 2.1 | 3.3 |
| | - 3.5 | | +0.8 | +0.5 | - 1 | + 0 | +0.4 | +0.5 |
| 10.GUJARAT STATE | 0.0 | 0 | 36.0 | 21.8 | 63 | 35 | 1.4 | 1.3 |
| | - 1.3 | | -0.7 | -0.9 | + 3 | + 0 | -0.1 | -0.1 |
| 11.MAHARASHTRA STATE | 7.1 | 66 | 37.1 | 23.8 | 49 | 34 | 2.6 | 3.0 |
| | - 3.6 | | +0.2 | -0.2 | - 2 | - 1 | +0.4 | -0.0 |
| 12.ANDHRA PRADESH | 4.5 | 25 | 38.0 | 25.6 | 63 | 44 | 3.2 | 3.1 |
| | - 13.5 | | +0.8 | +0.1 | - 1 | + 0 | +0.0 | -0.2 |
| 13.MADRAS STATE | 45.2 | 108 | 35.5 | 25.4 | 73 | 56 | 4.8 | 4.8 |
| | + 3.3 | | +0.8 | +0.0 | + 0 | - 2 | +0.7 | +0.6 |
| 14.MYSORE | 20.9 | 58 | 36.0 | 23.1 | 65 | 42 | 3.0 | 4.5 |
| | - 15.3 | | +0.9 | +0.1 | - 2 | - 1 | -0.0 | +0.2 |
| 15.KERALA | 92.4 | 66 | 33.9 | 25.3 | 77 | 67 | 4.6 | 5.3 |
| | - 46.7 | | +0.6 | +0.1 | - 1 | - 2 | +0.1 | -0.3 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS | 55.0 | 62 | 32.3 | 24.8 | 72 | 76 | 4.8 | [illegible] |
| | - 33.6 | | +0.9 | +0.4 | - 3 | - 3 | -0.4 | -0.4 |
| 2.NORTH ASSAM (INCLUDING NEFA) | 153.7 | 101 | 31.5 | 19.4 | 72 | 61 | 4.1 | 3.4 |
| | + 1.1 | | +0.2 | -0.1 | + 1 | - 2 | +0.1 | -0.3 |
| 3.SOUTH ASSAM (INCLUDING N.LANDETC) | 146.8 | 93 | 32.1 | 19.[illegible] | 66 | 59 | 3.2 | 3.8 |
| | - 30.5 | | +0.3 | -0.7 | - 2 | - 3 | -0.3 | +0.3 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 27.4 | 30 | 35.4 | 21.1 | 57 | 42 | 2.2 | 1.8 |
| | - 63.7 | | +[illegible] | +0.1 | - 5 | - 6 | -0.9 | -0.3 |
| 5.GANGETIC,WEST-BENGAL. | 21.4 | 53 | 38.3 | 24.7 | 59 | 47 | 1.7 | 3.0 |
| | - 19.3 | | +1.[illegible] | +0.2 | - 2 | - 1 | -0.9 | -0.0 |
| 6.ORISSA | 26.8 | 98 | 37.8 | 24.3 | 62 | 49 | 2.6 | 4.3 |
| | - 0.6 | | +0.7 | -0.6 | + 1 | + 1 | +0.2 | +0.9 |
| 7.BIHAR PLATEAU. | 17.9 | 90 | 38.9 | 23.0 | 41 | 25 | 1.1 | 3.0 |
| | - 1.9 | | +1.2 | +0.3 | - 0 | - 0 | -0.7 | +0.3 |
| 8.BIHAR PLAINS. | 0.8 | 5 | 39.6 | 21.7 | 40 | 29 | 1.3 | 1.5 |
| | - 13.5 | | +1.[illegible] | -0.3 | - 1 | + 1 | -0.5 | -0.1 |
| 9.UTTAR PRADESH, (EAST). | 0.0 | 0 | 40.0 | 21.7 | 37 | 19 | 1.2 | 1.2 |
| | - 7.5 | | +1.7 | +0.1 | - 5 | - 3 | -0.0 | -0.1 |
| 10.UTTAR PRADESH, (WEST). | 4.5 | 36 | 39.2 | 19.9 | 36 | 21 | 1.3 | 2.2 |
| | - 8.3 | | +0.[illegible] | -0.4 | - 3 | - 1 | -0.0 | +0.1 |
| 11.PUNJAB(INCLUDING DELHI). | 3.9 | 36 | 35.9 | 18.6 | 47 | 28 | 1.9 | 2.4 |
| | - 6.9 | | -0.3 | -0.1 | + 4 | + 4 | +0.3 | +0.2 |
| 12.HIMACHAL PRADESH | 2.4 | 8 | 32.2 | 16.3 | 61 | 40 | 1.8 | 3.8 |
| | - 26.0 | | +0.6 | +2.6 | + 1 | + 8 | -0.5 | +0.3 |
| 13.JAMMU AND KASHMIR. | 43.8 | 102 | 20.5 | 8.1 | 60 | 52 | 4.4 | 5.1 |
| | + 1.0 | | -1.1 | -0.8 | + 4 | + 9 | +1.0 | +0.0 |
| 14.RAJASTHAN(WEST). | 0.8 | 28 | 37.4 | 21.0 | 39 | 25 | 1.5 | 2.2 |
| | - 2.2 | | -0.1 | -0.5 | - 3 | + 0 | +0.2 | +0.3 |
| 15.RAJASTHAN(EAST). | 0.1 | 2 | 37.5 | 21.5 | 30 | 13 | 1.2 | 2.1 |
| | - 3.1 | | +0.1 | +0.1 | - 3 | - 3 | -0.1 | -0.1 |
| 16.MADHYA PRADESH (WEST). | 0.8 | 16 | 38.7 | 21.8 | 28 | 15 | 1.9 | 2.7 |
| | - 4.2 | | +0.5 | -0.1 | - 2 | - 2 | +0.3 | +0.0 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH (EAST). | 12.8 | 83 | 39.3 | 23.8 | 38 | 25 | 2.3 | 4.2 |
| | - 2.5 | | +1.2 | +1.3 | + 0 | + 3 | +0.4 | +1.1 |
| 18.GUJARAT REGION | 0.2 | 1 | 38.5 | 22.4 | 52 | 22 | 1.2 | 1.3 |
| | - 2.1 | | -0.6 | -0.6 | + 2 | - 0 | -0.2 | -0.2 |
| 19.SAURASHTRA KUTCH. (INCLUDING DIU) | 0.0 | 0 | 34.4 | 21.4 | 71 | 44 | 1.5 | 1.3 |
| | - 0.8 | | -0.8 | -1.1 | + 4 | + 0 | -0.1 | -0.1 |
| 20.KONKAN (INCLUDING GOA) | 0.0 | 0 | 31.1 | 24.3 | 73 | 65 | 3.0 | 1.7 |
| | - 6.6 | | -0.6 | -1.0 | + 0 | - 3 | +0.1 | -0.7 |
| 21.MADHYAMAHARASHTRA | 3.5 | 27 | 39.3 | 22.3 | 43 | 23 | 2.2 | 3.0 |
| | - 9.4 | | +0.5 | -0.2 | - 2 | - 1 | +0.5 | -0.1 |
| 22.MARATHWADA. | 0.0 | 0 | 38.9 | 23.0 | 27 | 19 | 2.3 | 3.8 |
| | - 6.9 | | +0.1 | -0.4 | - 9 | - 3 | +0.6 | +0.4 |
| 23.VIDARBHA. | 21.0 | 156 | 40.2 | 25.3 | 39 | 23 | 2.9 | 3.8 |
| | + 7.5 | | +0.8 | +0.4 | - 0 | + 1 | +0.6 | +0.4 |
| 24.COASTAL ANDHRA PRADESH. | 0.0 | 0 | 36.6 | 25.9 | 71 | 60 | 3.8 | 3.0 |
| | - 15.0 | | +1.0 | +0.1 | - 1 | - 3 | +0.1 | -0.1 |
| 25.TELANGANA. | 10.7 | 48 | 39.2 | 25.5 | 59 | 32 | 3.2 | 3.3 |
| | - 11.6 | | +0.6 | +0.2 | + 2 | + 5 | +0.4 | -0.1 |
| 26.RAYALASEEMA. | 3.9 | 22 | 38.9 | 25.0 | 52 | 27 | 1.9 | 2.9 |
| | - 13.5 | | +0.8 | -0.3 | - 4 | - 3 | -0.9 | -0.9 |
| 27.MADRAS STATE. | 45.2 | 108 | 35.5 | 25.4 | 73 | 56 | 4.8 | 4.8 |
| | + 3.3 | | +0.8 | +0.0 | + 0 | - 2 | +0.7 | +0.6 |
| 28.COASTAL MYSORE | 5.7 | 23 | 31.9 | 25.6 | 75 | 67 | 3.5 | 3.6 |
| | - 19.3 | | -0.6 | +0.2 | - 1 | - 2 | -0.3 | -0.4 |
| 29.INTERIOR MYSORE. (NORTH). | 15.6 | 53 | 38.4 | 23.4 | 55 | 34 | 2.7 | 4.6 |
| | - 13.6 | | +1.1 | +0.3 | - 2 | + 0 | +0.4 | +0.6 |
| 30.INTERIOR MYSORE. (SOUTH). | 33.1 | 69 | 35.9 | 21.7 | 70 | 34 | 3.0 | 5.1 |
| | - 14.7 | | +1.5 | -0.0 | - 2 | - 2 | -0.4 | +0.2 |
| 31.KERALA. | 92.4 | 66 | 33.9 | 25.3 | 77 | 67 | 4.6 | 5.3 |
| | - 46.7 | | +0.6 | +0.1 | - 1 | - 2 | +0.1 | -0.3 |
| 32.ARABIANSEAISLANDS | 4.0 | 10 | 32.5 | 26.4 | 74 | 67 | 3.7 | 5.0 |
| | - 34.4 | | +0.4 | -0.3 | - 1 | - 7 | -0.3 | +0.4 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 26 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 32.9 | +1.6 | 35.2 | 16 | 25.2 | +0.5 | 23.5 | 09 | 0.0 | 1.6 | - 41.9 | 1.6 | 29 | 0 | - 2.5 | 11.1 | 6.4 | +0.0 | 0 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Long Island | (B) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Port Blair | 33.3 | +1.4 | 34.6 | 26 | 24.2 | +0.0 | 22.5 | 10 | 10.8 | 42.0 | - 19.0 | 25.2 | 03 | 2 | - 2.5 | 8.2 | 5.2 | -3.5 | 3 | 3 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Car Nicobar | 32.2 | +0.1 | 33.6 | 20 | 24.1 | +0.9 | 21.6 | 06 | 74.4 | 112.5 | + 3.3 | 30.0 | 24 | 7 | + 1.1 | 5.7 | 3.0 | +0.0 | 0 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | (B) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Kondul | 33.8 | +0.4 | 32.3 | 16 | 25.6 | +0.3 | 24.0 | 26 | 13.4 | 63.7 | - 76.8 | 19.9 | 30 | 7 | - 0.6 | .. | .. | .. | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 28.0 | -0.5 | 34.0 | 30 | 17.0 | -2.6 | 13.8 | 21 | 21.2 | 186.2 | - 27.5 | 73.4 | 16 | 14 | + 3.6 | 8.4 | 12.1 | +0.3 | 0 | 16 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 28.5 | +0.0 | 33.6 | 01 | 18.5 | -0.5 | 14.4 | 21 | 24.0 | 176.7 | - 37.1 | 35.0 | 09 | 14 | + 1.3 | 9.4 | 6.7 | +1.7 | 0 | 15 | 0 | 3 | 21 | 0 | 0 | 0 | 1 | 0 |
| Digboi | (B) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| North Lakhimpur | 28.8 | +0.0 | 33.1 | 02 | 17.9 | -1.5 | 14.2 | 05 | 21.9 | 172.8 | + 29.3 | 47.6 | 19 | 12 | + 1.6 | 10.1 | 6.3 | .. | 0 | 16 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Sibsagar | 29.4 | +0.7 | 34.1 | 02 | 19.6 | +0.3 | 16.4 | 21 | 32.5 | 228.2 | - 29.6 | 54.0 | 16 | 12 | - 1.6 | 8.5 | 6.7 | +0.8 | 0 | 15 | 0 | 2 | 11 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 28.9 | -1.5 | 32.1 | 02 | 18.4 | -0.7 | 15.8 | 21 | 6.8 | 177.4 | + 48.5 | 28.6 | 16 | 12 | + 5.0 | 7.3 | 6.1 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 30.2 | .. | 34.2 | 02 | .. | .. | .. | .. | 28.0 | 221.4 | + 64.0 | 56.6 | 16 | 11 | + 2.0 | 10.1 | 7.2 | +0.2 | 0 | 12 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 29.2 | .. | 34.0 | 02 | 19.2 | .. | 16.4 | 19 | 32.6 | 261.3 | .. | 70.9 | 16 | 12 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Tangla | 31.6 | -0.1 | 35.1 | 03 | 22.4 | +3.1 | 16.2 | 02 | 0.0 | 205.4 | + 14.8 | 58.2 | 29 | 10 | + 1.0 | 8.6[b] | 5.8[b] | +2.5 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 31.2 | +0.9 | 36.0 | 15 | 23.1 | +2.9 | 19.6 | 25 | 3.6 | 223.8 | + 66.1 | 37.2 | 16 | 15 | + 4.0 | 11.4 | 9.8 | +3.1 | 0 | 17 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 30.0 | -0.5 | 34.6 | 02 | 18.2 | -1.8 | 14.9 | 26 | 9.0[c] | 207.0[c] | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mangia | 31.6 | -1.3 | 36.0 | 15 | 19.8 | +0.0 | 15.6 | 16 | 27.0 | 204.1 | +122.1 | 35.2 | 17 | 12 | + 5.7 | 8.5 | 6.3 | .. | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chapamukh | 32.7 | -1.0 | 36.3 | 15 | 20.1 | -0.8 | 17.4 | 02 | 0.0 | 102.6 | - 11.2 | 26.6 | 06 | 8 | + 1.5 | 5.7 | 4.6[c] | .. | 0 | 10 | 0 | 2 | 12 | 2 | 0 | 0 | 0 | 0 |
| Goalpara | 34.0 | +1.0 | 38.6 | 14 | 15.8 | -4.6 | 11.9 | 22 | 0.0 | 98.8 | - 79.1 | 55.6 | 22 | 5 | - 2.8 | 7.7 | 5.8 | +1.0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 32.4 | +0.5 | 38.0 | 09 | 20.1 | +0.0 | 14.7 | 01 | 0.4 | 99.6 | - 21.4 | 33.3 | 24 | 7 | - 1.4 | 10.8 | 8.2 | .. | 0 | 12 | 0 | 1 | 17 | 0 | 0 | 3 | 3 | 1 |
| Dhubri (Rupsi) | 35.3 | +1.1 | 39.9 | 13 | 21.6 | +0.4 | 16.3 | 01 | 0.0 | 54.4 | - 74.3 | 31.2 | 22 | 4 | - 0.7 | 13.6 | 11.8 | +5.3 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 0 |
| Dhubri | 34.6 | +3.0 | 39.6 | 13 | 21.2 | -0.3 | 17.1 | 01 | 0.0 | 50.9 | -111.2 | 26.2 | 27 | 4 | - 5.0 | 15.0 | 14.1 | +5.6 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 34.8 | +1.8 | 38.5 | 12 | 20.1 | +1.0 | 16.2 | 01 | 39.7 | 50.6 | - 40.6 | 24.2 | 27 | 5 | - 2.6 | 8.9 | 6.6 | .. | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 33.8 | +1.3 | 36.8 | 13 | 23.6 | +1.5 | 18.1 | 25 | 28.4 | 94.7 | - 21.4 | 23.2 | 27 | 6 | + 1.5 | 10.3 | 10.4 | +0.3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 26.0 | -2.1 | 29.2 | 02 | 18.0 | -0.7 | 14.4 | 18 | 23.6 | 143.4 | - 52.8 | 57.4 | 08 | 10 | - 0.9 | 13.8 | 12.3 | .. | 0 | 12 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 32.7 | -0.1 | 35.5 | 02 | 20.6 | -0.2 | 17.8 | 08 | 24.8 | 235.6 | + 14.5 | 54.0 | 09 | 12 | + 1.0 | 7.0 | 8.5 | +0.5 | 0 | 15 | 0 | 3 | 23 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 31.1 | -0.4 | 35.2 | 12 | 19.5 | -1.3 | 15.1 | 23 | 58.2 | 260.6 | -109.2 | 54.8 | 23 | 11 | - 3.2 | 4.1 | 2.6 | -0.1 | 0 | 16 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 30.9 | +1.5 | 33.0 | 30 | 13.3 | -2.2 | 9.1 | 25 | 19.8 | 75.9 | - 15.4 | 23.7 | 25 | 8 | + 0.0 | 13.8 | 8.7 | -0.3 | 0 | 11 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 0 |
| Kailashahar | 34.8 | +0.3 | 36.7 | 12 | 21.4 | -0.3 | 17.9 | 01 | 57.8 | 128.2 | + 3.1 | 35.6 | 23 | 10 | + 3.5 | 7.7 | 5.6 | +1.1 | 0 | 12 | 0 | 3 | 19 | 0 | 0 | 2 | 1 | 0 |
| Agartala | 36.6 | +1.5 | 40.4 | 13 | 20.9 | -1.9 | 16.6 | 19 | 5.3 | 89.1 | - 32.2 | 23.1 | 23 | 7 | + 1.1 | 14.3 | 11.1 | +0.2 | 0 | 10 | 0 | 1 | 13 | 0 | 0 | 2 | 2 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 34.3 | +1.1 | 38.4 | 13 | 19.2 | -0.4 | 12.2 | 04 | 0.0 | 39.6 | - 20.4 | 26.1 | 27 | 2 | - 1.8 | 19.0 | 13.6 | +4.6 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Jalpaiguri | 33.9 | +2.3 | 37.8 | 13 | 21.1 | +0.7 | 17.0 | 03 | 0.0 | 20.6 | - 93.2 | 16.8 | 27 | 2 | - 4.2 | 13.7 | 9.6 | +1.7 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 34.4 | +1.8 | 37.9 | 13 | 20.4 | +0.1 | 14.6 | 02 | 27.6 | 48.4 | -107.8 | 37.8 | 23 | 3 | - 4.5 | 11.0 | 8.5 | +1.6 | 0 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Balurghat | 38.7 | .. | 41.0 | 30 | 22.1 | .. | 16.4 | 01 | 0.0 | 24.2 | .. | 24.2 | 27 | 1 | .. | 7.1 | 6.4 | .. | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| Malda | 38.9 | +2.9 | 42.4 | 30 | 23.7 | +1.6 | 18.9 | 01 | 0.8 | 1.1 | - 33.4 | 0.8 | 25 | 0 | - 2.4 | 5.0 | 3.4 | -4.6 | 0 | 2 | 0 | 0 | 4 | 0 | 4 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 40.1 | +2.5 | 44.1 | 30 | 24.5 | +1.4 | 18.4 | 01 | 0.0 | 15.4 | - 30.6 | 15.4 | 21 | 1 | - 2.2 | 4.6 | 4.3 | -0.6 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Suri | 40.5 | +1.6 | 43.9 | 30 | 26.4 | +2.4 | 18.2 | 02 | .. | 30.5 | + 9.5 | 30.5 | 27 | 1 | - 0.1 | . | 9.0 | -1.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 41.5 | +3.0 | 45.2 | 30 | 24.4 | +0.6 | 18.0 | 01 | 1.6 | 3.7 | - 22.5 | 3.0 | 09 | 1 | - 1.1 | 10.7 | 8.4 | +0.2 | 1 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 3 | 0 |
| Shanti Niketan | 40.6 | .. | 44.5 | 30 | 24.6 | .. | 20.5 | 01 | 2.4 | 3.0 | .. | 3.0 | 09 | 1 | .. | 11.2 | 11.7 | .. | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 40.2 | +2.3 | 44.3 | 30 | 22.9 | -0.5 | 18.5 | 21 | 0.0 | 17.6 | - 49.7 | 11.4 | 21 | 2 | - 2.2 | 12.4 | 7.9 | -0.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 40.2 | +1.2 | 43.2 | 30 | 24.9 | +0.2 | 21.0 | 01 | 14.3 | 17.4 | - 6.0 | 15.0 | 20 | 1 | - 1.5 | 7.6 | 5.9 | +0.4 | 0 | 2 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 0 |
| Bankura | 41.5 | .. | 44.5 | 30 | 24.8 | .. | 20.6 | 01 | 3.2 | 12.2 | - 22.9 | 7.4 | 10 | 2 | - 0.8 | 4.1[b] | 3.1[d] | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 39.7 | +2.2 | 42.6 | 30 | 25.1 | +0.8 | 19.0 | 09 | 0.0 | 37.0 | - 18.6 | 37.0 | 09 | 1 | - 2.5 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 38.2 | .. | 41.3 | 17 | 24.4 | .. | 20.1 | 16 | 0.0 | 2.2 | .. | 1.8 | 07 | 0 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 37.3 | +1.3 | 40.5 | 14 | 25.0 | +0.7 | 22.5 | 10 | 0.0 | 7.4 | - 36.7 | 4.2 | 20 | 1 | - 1.8 | 15.9 | 13.8 | +0.8 | 1 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Calcutta | 37.6 | +1.3 | 40.6 | 14 | 25.4 | +0.4 | 20.8 | 20 | 0.0 | 7.7 | - 42.8 | 5.0 | 20 | 2 | - 1.3 | 10.7 | 9.5 | +2.1 | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 6 | 0 |
| Midnapore | 39.3 | +0.9 | 42.6 | 07 | 22.6 | -2.0 | 18.0 | 20 | 5.2 | 40.6 | - 11.0 | 11.0 | 07 | 6 | + 2.6 | 7.0 | 7.6 | +0.0 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Contai | 33.9 | +0.0 | 39.0 | 22 | 24.2 | -1.7 | 20.0 | 09 | 0.0 | 43.0 | + 17.3 | 33.0 | 07 | 3 | + 1.1 | 19.2 | 14.8 | -0.9 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sagar Island | 31.1 | -0.2 | 31.9 | 18 | 26.7 | +0.2 | 23.1 | 04 | 0.1 | 24.8 | - 13.6 | 21.2 | 07 | 1 | - 1.5 | 29.3 | 29.5 | +2.1 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 30.9 | .. | 38.6 | 14 | 26.5 | .. | 23.6 | 07 | 0.6[b] | 3.6[b] | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 40.4 | +0.7 | 43.0 | 07 | 23.9 | -0.3 | 19.7 | 10 | 6.0 | 26.4 | - 5.6 | 6.8 | 07 | 4 | + 1.2 | 5.2 | 4.5 | +0.8 | 1 | 8 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| Jharsuguda | 40.7 | +0.6 | 43.7 | 27 | 24.7 | +0.5 | 19.2 | 12 | 0.1 | 22.5 | + 12.7 | 18.3 | 12 | 1 | - 0.2 | 8.6 | 7.2 | -0.6 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 0 | 10 | 0 |
| Keonjhargarh | 38.0 | +0.7 | 40.1 | 07 | 24.0 | +0.7 | 18.5 | 17 | 10.2 | 54.2 | + 19.3 | 18.2 | 19 | 6 | + 2.6 | 9.5 | 7.2 | +0.3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| Balasore | 36.9 | +0.7 | 41.3 | 16 | 23.0 | -1.8 | 19.4 | 09 | 12.6 | 73.7 | + 23.4 | 33.9 | 21 | 8 | + 4.2 | 15.5 | 12.9 | +1.1 | 0 | 11 | 0 | 0 | 14 | 0 | 0 | 0 | 1 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 39.8 | +0.2 | 42.3 | 30 | 23.1 | -0.7 | 17.8 | 05 ds | 0.0 | 2.0 | - 13.0 | 2.0 | 07 | 0 | - 1.5 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 40.3 | +1.4 | 42.9 | 27 | 22.7 | -2.2 | 19.4 | 19 | 2.3 | 12.1 | - 16.6 | 5.4 | 08 | 1 | - 1.3 | 13.3 | 8.7 | +0.7 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 37.7 | +1.3 | 40.9 | 14 | 24.5 | -0.5 | 20.4 | 08 | 0.0 | 0.0 | - 50.5 | 0.0 | .. | 0 | - 3.4 | 17.4 | 14.2 | -0.3 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Bolangir | 41.1 | +1.1 | 43.7 | 29 | 25.6 | -0.2 | 19.8 | 10 | 1.2 | 30.0 | + 7.8 | 11.4 | 10 | 4 | + 2.4 | 10.6 | 9.7 | +2.3 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 38.4 | .. | 41.2 | 29 | 21.6 | .. | 15.7 | 01 | 0.0 | 19.0 | .. | 10.2 | 10 | 2 | .. | 7.0 | 4.2 | .. | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 39.2 | +0.9 | 42.4 | 14 | 24.3 | -1.0 | 14.9 | 19 | 1.6 | 24.0 | - 6.7 | 20.6 | 28 | 1 | - 1.1 | 10.1 | 9.0 | +1.3 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 40.6 | +1.3 | 43.6 | 29 | 26.1 | +0.8 | 20.8 | 10 | 5.4 | 56.7 | + 44.1 | 26.4 | 10 | 3 | + 1.7 | 17.8 | 13.1 | +9.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 37.9 | -0.1 | 40.9 | 22 | 24.6 | -1.1 | 22.2 | 09 | 0.0 | 5.0 | - 7.4 | 2.6 | 17 | 1 | - 0.1 | 22.4 | 19.9 | -4.8 | 0 | 3 | 0 | 0 | 3 | 2 | 0 | 0 | 1 | 0 |
| Puri | 30.8 | +0.1 | 31.7 | 29 | 25.0 | -1.6 | 21.3 | 17 | 0.6 | 5.8 | - 10.2 | 3.2 | 08 | 1 | - 0.2 | 21.2 | 20.5 | -3.5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 31.3 | +0.2 | 32.4 | 09 | 24.9 | -0.2 | 22.4 | 20 | 0.2 | 1.7 | - 16.6 | 0.8 | 08 | 0 | - 1.6 | 20.4 | 19.4 | -3.1 | 4 | 2 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Koraput | 34.5 | +0.9 | 36.0 | 28 | .. | .. | .. | .. | 23.1 | 59.3 | + 11.1 | 32.1 | 26 | 3 | - 0.6 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 40.6 | +2.6 | 44.0 | 30 | 23.8 | +1.1 | 18.6 | 01 | 8.8 | 9.3 | - 17.6 | 8.8 | 27 | 1 | - 1.2 | 7.5 | 4.2 | -1.2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 40.2 | +1.9 | 42.8 | 30 | 22.7 | +1.5 | 16.4 | 05 | 0.0 | 0.0 | - 10.2 | 0.0 | .. | 0 | - 0.9 | 5.2 | 3.8 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 36.9 | +1.1 | 39.6 | 30 | 21.9 | +0.5 | 18.1 | 01 | 1.6 | 1.7 | - 14.0 | 1.4 | 20 | 0 | - 1.7 | 13.0 | 9.6 | -0.2 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 40.5 | +2.9 | 43.8 | 30 | 25.1 | +1.6 | 21.3 | 20 | 0.0 | 3.4 | - 15.4 | 3.4 | 10 | 1 | - 0.7 | 5.9 | 4.4 | -4.7 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 34.8 | -1.1 | 38.0 | 30 | 19.6 | -1.5 | 18.0 | 12 | 13.0 | 42.0 | + 20.2 | 15.0 | 09 | 4 | + 1.9 | 6.7 | 5.7 | -0.2 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 36.3 | +0.3 | 39.3 | 30 | 22.3 | +0.0 | 18.1 | 10 | 15.0 | 30.2 | + 14.5 | 17.9 | 09 | 4 | + 2.7 | 11.3 | 9.1 | -0.8 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 0 |
| Jamshedpur | 40.0 | +1.3 | 43.2 | 30 | 23.4 | -0.3 | 17.6 | 01 | 6.0 | 18.6 | - 11.7 | 10.2 | 10 | 2 | - 0.4 | 8.2 | 6.5 | +0.2 | 1 | 4 | 0 | 1 | 2 | 0 | 3 | 0 | 1 | 0 |
| Jamshedpur (P.B.O.) | 40.0 | +0.4 | 42.8 | 30 | 23.9 | -0.3 | 18.3 | 01 | 6.4 | 24.6 | + 12.1 | 12.6 | 10 | 2 | + 1.0 | 7.7 | 5.5 | -0.2 | 0 | 5 | 0 | 0 | 7 | 0 | 0 | 0 | 1 | 0 |
| Chaibasa | 40.2 | +1.3 | 43.2 | 30 | 24.4 | +0.3 | 19.2 | 01 | 1.8 | 31.4 | + 4.7 | 18.2 | 09 | 3 | + 0.8 | 5.2 | 3.8 | -0.2 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 37.7 | +1.7 | 41.6 | 30 | 16.6 | -3.3 | 12.7 | 04 | 0.0 | 0.0 | - 23.1 | 0.0 | .. | 0 | - 1.7 | 8.9 | 5.2 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 36.9 | +0.0 | 40.8 | 30 | 21.2 | +0.9 | 14.8 | 02 | 0.0 | 2.8 | - 13.3 | 2.8 | 27 | 1 | - 0.6 | 9.8 | 6.2 | -3.4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 36.7 | +0.8 | 41.5 | 30 | 21.8 | +0.5 | 16.6 | 01 | 0.0 | 0.0 | - 20.1 | 0.0 | .. | 0 | - 1.4 | 6.3 | 5.4 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 13.7 | 0.0 | .. | 0 | - 1.2 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Chapra | 40.3 | .. | 44.1 | 30 | 23.8 | .. | 19.3 | 01 | 0.0 | 0.0 | - 11.3 | 0.0 | .. | 0 | - 0.9 | 6.9 | 5.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 38.5 | +2.5 | 42.2 | 30 | 19.7 | -0.8 | 12.9 | 01 | 0.0 | 5.8 | - 28.2 | 5.8 | 27 | 1 | - 1.1 | 7.0 | 4.6 | -1.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Patna | 39.5 | +1.9 | 42.9 | 30 | 23.7 | +0.4 | 21.0 | 10 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.8 | 10.0 | 8.2 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 39.7 | +1.3 | 43.3 | 30 | 22.5 | +0.0 | 19.6 | 06 | 0.0 | 0.0 | - 6.4 | 0.0 | .. | 0 | - 0.4 | 12.9 | 7.8 | -0.6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 7.8 | 0.0 | .. | 0 | - 0.7 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Bhagalpur | 39.5 | +1.6 | 43.1 | 30 | 24.2 | +0.6 | 21.4 | 06 | 0.0 | 0.0 | - 8.7 | 0.0 | .. | 0 | - 1.2 | 14.1 | 9.4 | -1.0 | 0 | 0 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 |
| Sabour | 39.6 | +2.7 | 43.0 | 30 | 20.5 | -0.7 | 13.7 | 01 | 0.0 | 0.0 | - 25.1 | 0.0 | .. | 0 | - 1.9 | 12.6 | 7.5 | -1.9 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 0 |
| Jamui | 41.1 | +1.9 | 44.9 | 30 | 23.3 | -0.4 | 16.3 | 01 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.7 | 9.7[e] | 6.5[b] | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 40.3 | +1.0 | 43.2 | 30 | 23.8 | -0.4 | 20.9 | 23 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.8 | 10.2 | 6.7 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 40.5 | +1.5 | 43.7 | 30 | 23.3 | +0.3 | 19.3 | 01 | 0.8 | 0.8 | - 3.0 | 0.8 | 08 | 0 | - 0.5 | 13.3 | 8.7 | -1.7 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Bahraich | 39.8 | +2.4 | 43.2 | 30 | 21.4 | +0.5 | 16.9 | 01 | 0.0 | 0.0 | - 8.6 | 0.0 | .. | 0 | - 0.7 | 12.3 | 7.0 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nanpara | 39.7 | +1.9 | 43.4 | 30 | 18.2 | -1.7 | 12.6 | 01 | 0.0 | 0.0 | - 12.2 | 0.0 | .. | 0 | - 0.6 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 39.0 | +1.1 | 42.2 | 29 | 20.6 | +0.0 | 16.5 | 01 | 0.0 | 0.0 | - 1.0 | 0.0 | .. | 0 | - 0.2 | 11.2 | 8.0 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 40.1 | +2.5 | 43.5 | 30 | 22.0 | +1.0 | 17.6 | 01 | 0.0 | 0.0 | - 11.9 | 0.0 | .. | 0 | - 0.7 | 10.3 | 7.4 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 38.3 | +0.0 | 41.0 | 30 | 22.6 | +0.8 | 19.0 | 04 | 0.0 | 0.0 | - 9.1 | 0.0 | .. | 0 | - 0.7 | 5.6 | 4.3 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 39.4 | +1.2 | 42.2 | 26 | 20.4 | -0.1 | 16.6 | 03 | 0.0 | 0.0 | - 0.9 | 0.0 | .. | 0 | - 0.1 | 14.8 | 9.3 | -0.5 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 |
| Faizabad | 40.0 | +2.9 | 43.4 | 30 | 21.0 | +1.0 | 17.4 | 01 | 0.0 | 0.0 | - 3.2 | 0.0 | .. | 0 | - 0.4 | 8.0 | 4.2 | -0.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 40.1 | +2.7 | 43.7 | 30 | 23.5 | +1.1 | 20.5 | 01 | 0.0 | 0.0 | - 10.4 | 0.0 | .. | 0 | - 0.9 | 9.7 | 6.0 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 39.8 | +1.5 | 42.9 | 26 | 22.6 | +0.6 | 19.7 | 01 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.7 | 17.9 | 12.6 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 39.9 | .. | 43.2 | 26 | 22.4 | .. | 18.2 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 | 2 | 0 |
| Sultanpur | 40.4 | +2.0 | 43.5 | 29 | 22.4 | +0.0 | 18.3 | 01 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.2 | 7.2 | 5.3 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 40.9 | +1.8 | 44.4 | 30 | 20.6 | -1.3 | 16.7 | 01 | 0.0 | 0.0 | - 2.9 | 0.0 | .. | 0 | - 0.3 | 11.7 | 5.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 40.5 | +1.9 | 43.9 | 26 | 22.4 | +0.3 | 18.1 | 03 | 0.0 | 0.0 | - 7.0 | 0.0 | .. | 0 | - 0.6 | 12.6 | 7.0 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 39.1 | +0.1 | 42.0 | 30 | 20.5 | -1.4 | 16.4 | 10 | 0.0 | 0.0 | - 2.9 | 0.0 | .. | 0 | - 0.2 | 8.1 | 4.5 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 41.3 | +1.8 | 46.0 | 15 | 23.1 | +0.3 | 19.3 | 02 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.3 | 5.1 | 2.3 | -1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 41.0 | +2.2 | 44.2 | 26 | 23.1 | +0.6 | 18.2 | 02 | 0.0 | 0.0 | - 5.3 | 0.0 | .. | 0 | - 0.6 | 7.8 | 3.5 | -4.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 40.3 | +1.5 | 42.7 | 29 | .. | .. | .. | .. | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.2 | 14.8 | 9.7 | -2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Varanasi | 40.2 | +1.6 | 43.0 | 30 | 23.0 | +0.6 | 18.9 | 01 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.5 | 4.4 | 3.0 | -6.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 23.1 | +0.2 | 26.2 | 14 | 12.3 | +0.4 | 7.1 | 07 | 2.2 | 25.0 | - 12.1 | 8.8 | 07 | 3 | - 0.6 | .. | .. | .. | 1 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 34.0 | +1.0 | 37.0 | 26 | 15.7 | -0.1 | 11.2 | 13 | 0.0 | 11.3 | - 8.4 | 6.6 | 07 | 2 | - 0.3 | 3.8 | 2.3 | .. | 3 | 2 | 0 | 0 | 9 | 0 | 2 | 0 | 0 | 0 |
| Dehra Dun | 33.3 | +1.2 | 36.8 | 26 | 16.2 | -0.8 | 10.3 | 23 | 2.2 | 8.6 | - 11.0 | 4.0 | 07 | 1 | - 0.9 | 6.0 | 4.6 | +0.4 | 0 | 2 | 0 | 0 | 4 | 0 | 2 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 20.6 | .. | 23.6 | 14 | 18.0 | .. | 5.7 | 07 | .. | 17.1 | .. | 12.0 | 07 | 1 | .. | .. | .. | .. | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roorkee | 36.8 | +1.6 | 41.0 | 26 | 17.3 | -0.9 | 12.1 | 01 | 0.0 | 0.8 | - 12.7 | 0.8 | 27 | 0 | - 1.2 | 8.8 | 6.0 | -0.1 | 0 | 1 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 |
| Najibabad | 37.4 | +1.6 | 41.0 | 27 | .. | .. | .. | .. | 0.0 | 0.0 | - 11.6 | 0.0 | .. | 0 | - 0.9 | 5.0 | 6.7 | +1.7 | 0 | 0 | 0 | 0 | 2 | 0 | 5 | 0 | 0 | 0 |
| Meerut | 36.8 | +0.7 | 41.0 | 26 | 17.5 | -2.7 | 13.7 | 09 | 0.0 | 0.0 | - 11.7 | 0.0 | .. | 0 | - 0.9 | . | 8.2 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 39.0 | +2.0 | 42.5 | 26 | 22.1 | +1.0 | 19.2 | 05 | 0.0 | 0.0 | - 8.1 | 0.0 | .. | 0 | - 0.8 | 13.1 | 9.5 | +3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aligarh | 37.7 | +0.6 | 41.1 | 26 | 19.7 | -0.9 | 15.5 | 01 | 7.8 | 7.8 | - 2.9 | 7.8 | 27 | 1 | + 0.1 | 12.1 | 8.4 | +0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Mainpuri | 38.9 | +0.4 | 42.5 | 26 | 19.6 | -1.3 | 14.2 | 08 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.7 | 13.2 | 8.4 | +3.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra | 38.5 | +0.8 | 42.0 | 25 | 22.0 | +0.4 | 18.0 | 02 | 0.0 | 0.0 | - 6.6 | 0.0 | .. | 0 | - 0.7 | 5.0 | 3.1 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 39.1 | .. | 43.3 | 26 | 20.3 | .. | 15.7 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Orai | 39.5 | +0.6 | 42.0 | 28 | 22.9 | +1.1 | 15.0 | 19 | 0.0 | 0.0 | - 1.7 | 0.0 | .. | 0 | - 0.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Jhansi | 39.5 | +0.6 | 43.0 | 15 | 22.9 | -0.4 | 18.2 | 01 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.4 | 4.9 | 5.3 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 32.8 | -0.7 | 38.4 | 26 | 17.8 | -0.1 | 12.5 | 07 | 0.0 | 14.7 | - 4.3 | 9.8 | 22 | 2 | + 0.2 | .. | .. | .. | 0 | 3 | 0 | 1 | 8 | 0 | 3 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 32.9 | -1.3 | 38.4 | 26 | 16.3 | +0.1 | 11.4 | 07 | 3.2 | 13.3 | + 5.6 | 9.1 | 07 | 2 | + 1.0 | 12.2 | 9.6 | -0.5 | 0 | 3 | 0 | 0 | 6 | 0 | 3 | 0 | 1 | 0 |
| Adampur (Aerodrome) | 34.6 | .. | 40.0 | 26 | 15.1 | .. | 10.0 | 07 | 0.8 | 8.4 | .. | 6.6 | 28 | 1 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 0 |
| Ludhiana | 36.0 | +0.0 | 41.4 | 26 | 18.1 | -0.4 | 12.8 | 07 | 1.0 | 8.2 | - 7.5 | 3.8 | 28 | 1 | - 0.3 | 8.8 | 5.6 | +1.6 | 1 | 4 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 0 |
| Ferozepur | 33.1 | -1.7 | 38.4 | 26 | 18.0 | +0.6 | 12.1 | 07 | 0.0 | 0.0 | - 4.0 | 0.0 | .. | 0 | - 0.4 | 8.9 | 5.7 | +2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 34.1 | .. | 39.4 | 26 | 15.7 | .. | 10.7 | 07 | 0.7 | 2.5 | .. | 2.5 | 29 | 1 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 0 |
| Chandigarh | 35.1 | +0.7 | 39.5 | 26 | 19.3 | +0.0 | 14.7 | 07 | 0.0 | 0.2 | - 10.2 | 0.2 | 07 | 0 | - 0.7 | .. | .. | .. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 35.2 | -1.0 | 39.4 | 28 | 19.4 | -0.3 | 14.8 | 01 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.5 | 4.8 | 6.2 | -1.0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 35.6 | .. | 40.7 | 26 | 18.3 | .. | 14.2 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Patiala | 36.2 | +0.2 | 41.0 | 26 | 19.7 | +0.5 | 14.6 | 23 | 0.0 | 0.2 | - 11.7 | 0.2 | 07 | 0 | - 1.1 | 13.7 | 10.8 | +1.2 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 34.8 | -0.4 | 40.4 | 26 | 17.5 | -0.7 | 10.4 | 07 | 0.0 | 2.3 | - 7.7 | 2.3 | 29 | 0 | - 1.5 | 6.1 | 5.7 | +0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Karnal | 36.0 | +0.3 | 40.2 | 26 | 18.9 | -0.4 | 14.6 | 01 | 0.0 | 0.0 | - 7.9 | 0.0 | .. | 0 | - 0.5 | .. | .. | .. | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 |
| Hissar | 36.2 | -0.8 | 40.5 | 26 | 18.0 | -1.0 | .. | .. | 2.8 | 2.8 | - 4.8 | 2.8 | 07 | 1 | + 0.1 | 8.4 | 8.0 | +0.6 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 36.1 | -0.1 | 39.9 | 26 | 21.6 | +0.6 | 18.2 | 03 | 0.0 | 1.3 | - 8.4 | 1.3 | 30 | 0 | - 0.9 | 18.7 | 13.3 | +2.4 | 0 | 1 | 0 | 0 | 3 | 0 | 3 | 0 | 1 | 0 |
| Palam (Aerodrome) | 37.1 | .. | 41.2 | 26 | 19.0 | .. | 14.3 | 01 | 0.0 | 3.0 | .. | 2.2 | 30 | 0 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 2 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 31.5 | +1.1 | 35.5 | 04 | 16.9 | +3.7 | 9.1 | 07 | 1.8 | 4.8 | - 32.7 | 1.0 | 04 | 0 | - 4.0 | 1.6 | 1.1 | -2.4 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 32.8 | +0.1 | 36.5 | 26 | 16.6 | +1.5 | 12.3 | 02 | 0.0 | 0.0 | - 19.2 | 0.0 | .. | 0 | - 1.7 | .. | .. | .. | 0 | 0 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gilgit | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Skardu | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sonamarg | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leh | 12.3 | -0.1 | 17.0 | 20 | - 2.3 | -1.1 | - 6.7 | 03 | 0.0 | 4.6 | - 1.5 | 2.6 | 18 | 1 | + 0.2 | 7.8 | 7.5 | +0.8 | 0 | 3 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 17.4 | -1.9 | 24.3 | 21 | 7.7 | +0.3 | 4.1 | 04 | 42.8 | 98.9 | + 8.7 | 20.8 | 07 | 10 | + 2.2 | 8.6 | 6.7 | +1.4 | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 16.3 | .. | 23.2 | 21 | 7.0 | .. | 3.3 | 07 | 32.9 | 84.6 | .. | 16.8 | 07 | 9 | .. | .. | .. | .. | 0 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | Functions only from June to September | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Qazigund | 17.6 | .. | 24.4 | 21 | 6.7 | .. | 3.7 | 18 | 60.9 | 132.2 | .. | 32.8 | 29 | 12 | .. | 2.3 | 1.7 | .. | 0 | 16 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 20.3 | .. | 27.7 | 26 | 7.5 | .. | 0.1 | 07 | 66.4 | 142.7 | .. | 44.7 | 07 | 12 | .. | .. | .. | .. | 0 | 15 | 1 | 2 | 9 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 31.9 | -1.2 | 37.6 | 26 | 19.0 | -1.5 | 12.8 | 07 | 2.2 | 28.0 | - 4.3 | 20.6 | 07 | 2 | - 0.5 | 10.3 | 7.6 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 31.1 | .. | 36.9 | 26 | 17.9 | .. | 10.4 | 10 | 4.0 | 23.8 | .. | 19.3 | 07 | 1 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 11 | 1 | 1 | 0 | 2 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 35.9 | -0.4 | 40.6 | 24 | 18.0 | -0.2 | 11.4 | 07 | 0.0 | 4.6 | + 0.9 | 3.8 | 28 | 1 | + 0.6 | 4.2 | 2.5 | -4.3 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 37.1 | .. | 42.0 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Churu | 36.2 | -0.7 | 40.4 | 24 | 19.4 | -0.2 | 15.0 | 01 | 1.0 | 1.0 | - 1.7 | 1.0 | 07 | 0 | - 0.3 | 10.8 | 7.8 | -1.0 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 37.1 | -0.5 | 41.5 | 24 | 20.4 | -0.4 | 15.9 | 01 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.6 | 7.9 | 5.6 | -1.7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | 37.5 | +0.7 | 41.3 | 14 | 20.5 | -0.5 | 14.9 | 01 | 0.0 | 2.0 | + 0.6 | 2.0 | 29 | 0 | - 0.2 | 10.1 | 7.5 | -0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Phalodi | 37.5 | -0.1 | 41.2 | 14 | 21.7 | -0.1 | 17.4 | 08 | 0.0 | 0.0 | - 3.6 | 0.0 | .. | 0 | - 0.3 | 14.7 | 11.3 | -2.8 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Jaisalmer | 36.4 | -1.4 | 40.5 | 24 | .. | .. | .. | .. | 0.0 | 0.0 | - 1.2 | 0.0 | .. | 0 | - 0.1 | 12.1 | 10.3 | -2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 38.3 | +0.0 | 41.5 | 14 | 22.6 | +0.2 | 19.1 | 07 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.5 | 11.2 | 9.1 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barmer | 39.4 | +0.5 | 43.5 | 14 | 24.1 | +0.0 | 20.2 | 07 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.3 | 7.6 | 8.1 | -2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 38.4 | +0.9 | 41.1 | 13 | 21.2 | -2.5 | 16.8 | 09 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.1 | 7.0 | 5.6 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 36.3 | -0.5 | 40.5 | 26 | 17.6 | -1.8 | 12.0 | 01 | 0.0 | 0.0 | - 3.0 | 0.0 | .. | 0 | - 0.4 | 12.0 | 8.1 | -3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Sikar | 36.2 | -0.2 | 39.4 | 14 | 16.9 | -2.1 | 11.0 | 01 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.4 | 13.0 | 10.5 | +2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Alwar | 37.2 | -0.3 | 40.5 | 26 | 23.3 | -0.1 | 19.7 | 01 | 0.0 | 0.0 | - 1.4 | 0.0 | .. | 0 | - 0.2 | 4.0 | 2.6 | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 36.8 | +0.3 | 39.4 | 26 | 21.2 | +0.2 | 16.0 | 01 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.5 | .. | .. | .. | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Sholpur | 39.1 | +0.4 | 42.6 | 26 | 21.4 | -0.1 | 17.2 | 09 | 0.0 | 0.0 | - 3.0 | 0.0 | .. | 0 | - 0.7 | 9.4 | 5.8 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Ajmer | 36.7 | +0.8 | 39.4 | 14 | 22.7 | +0.8 | 17.6 | 01 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.4 | 10.4 | 8.4 | +0.0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Tonk | .. | .. | .. | .. | 24.8 | +4.0 | 17.3 | 07 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.6 | 8.0 | 7.7 | -0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 37.7 | .. | 40.3 | 14 | 20.4 | .. | 16.4 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.9 | 6.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 39.1 | +0.1 | 41.6 | 14 | 26.5 | +2.1 | 19.6 | 12 | 0.6 | 0.6 | - 4.0 | 0.6 | 26 | 0 | - 0.4 | 9.0 | 6.0 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 38.7 | .. | 42.0 | 25 | 23.9 | .. | 20.0 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 13.2 | 10.0 | .. | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 37.9 | -0.7 | 40.4 | 14 | 23.0 | +1.5 | 19.5 | 02 | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.2 | 12.1 | 7.8 | -0.1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Udaipur | 36.2 | +0.2 | 39.2 | 14 | 18.8 | -1.4 | 13.6 | 09 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.2 | 5.9 | 3.2 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 39.0 | +0.4 | 41.3 | 14 | 20.3 | -1.7 | 17.1 | 02 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.6 | 11.0 | 7.7 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Banswara | 38.0 | .. | 41.1 | 05 | 22.8 | .. | 18.5 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 11.0 | 8.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 38.9 | +0.4 | 42.2 | 15 | 22.0 | -0.3 | 17.4 | 04 | 0.5 | 1.8 | - 3.6 | 1.3 | 26 | 0 | - 0.6 | 10.6 | 6.6 | +0.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 39.0 | +0.2 | 41.5 | 26 | 21.5 | +0.2 | 17.7 | 20 | 0.0 | 0.0 | - 1.6 | 0.0 | .. | 0 | - 0.2 | 11.1 | 7.7 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 37.2 | .. | 39.6 | 25 | 18.8 | .. | 13.8 | 03 | 0.0 | 1.2 | .. | 1.2 | 15 | 0 | .. | 9.6 | 7.1 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 39.5 | +0.7 | 42.9 | 26 | 21.6 | +1.1 | 17.0 | 02 | 0.0 | 0.0 | - 4.8 | 0.0 | .. | 0 | - 0.5 | 8.4 | 4.8 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Guna | 38.4 | +0.4 | 41.0 | 25 | 21.1 | +0.8 | 16.8 | 03 | 0.0 | 0.0 | - 4.6 | 0.0 | .. | 0 | - 0.3 | 14.4 | 10.0 | +2.6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 37.0 | -0.2 | 39.5 | 05 | 21.8 | -0.2 | 18.6 | 10 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 13.2 | 9.6 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 39.5 | +0.1 | 41.6 | 14 | 21.7 | -0.3 | 18.0 | 03 | 0.4 | 0.4 | - 1.1 | 0.4 | 07 | 0 | + 0.0 | 13.9 | 10.0 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 39.3 | +2.0 | 41.7 | 10 | 19.8 | -3.5 | 12.9 | 01 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.6 | 11.3 | 9.4 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 37.9 | +0.2 | 40.8 | 05 | 21.1 | -1.5 | 16.4 | 09 | 0.0 | 0.0 | - 1.6 | 0.0 | .. | 0 | - 0.2 | 13.0 | 9.0 | +0.7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 38.4 | +0.6 | 40.7 | 15 | 21.3 | +0.1 | 16.3 | 08 | 0.0 | 0.6 | - 3.0 | 0.6 | 22 | 0 | - 0.5 | 14.7 | 11.9 | +3.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 37.9 | .. | 39.9 | 14 | 18.3 | .. | 13.5 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.5 | 10.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 40.4 | .. | 42.8 | 06 | 21.1 | .. | 17.4 | 18 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.9 | 4.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 40.1 | +0.8 | 42.6 | 14 | 23.5 | +0.0 | 18.2 | 22 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.3 | 10.6 | 6.5 | +1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 38.1 | +0.4 | 40.7 | 14 | 20.8 | +0.4 | 15.5 | 08 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.3 | 17.9 | 16.7 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 37.6 | -1.1 | 40.2 | 04 | 22.1 | -0.5 | .. | .. | 0.0 | 0.0 | - 4.5 | 0.0 | .. | 0 | - 0.4 | 12.0 | 9.5 | +1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 37.5 | +1.1 | 39.9 | 15 | 22.3 | +0.4 | 19.4 | 23 | 2.4 | 2.4 | - 8.6 | 1.4 | 22 | 0 | - 1.2 | 10.8 | 6.2 | -0.3 | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 39.0 | +1.7 | 42.2 | 24 | 23.4 | +1.7 | 21.1 | 22 | 6.4 | 6.4 | - 10.1 | 4.2 | 25 | 1 | - 0.7 | 10.9 | 6.7 | +0.2 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Betul | 38.0 | +1.0 | 40.3 | 05 | 20.9 | -0.2 | 17.4 | 18 | 0.0 | 1.7 | - 7.1 | 1.3 | 09 | 0 | - 0.9 | 7.2 | 4.0 | -1.7 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 40.2 | +0.0 | 42.7 | 14 | 23.8 | -0.1 | 19.6 | 08 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.3 | 12.4 | 10.0 | +0.4 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 39.8 | +1.4 | 42.7 | 26 | 23.5 | +1.8 | 20.1 | 04 | 0.0 | 0.0 | - 10.4 | 0.0 | .. | 0 | - 0.8 | 9.2 | 6.3 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 39.7 | .. | 42.5 | 26 | 22.3 | .. | 17.9 | 04 | 0.8 | 0.8 | .. | 0.8 | 11 | 0 | .. | 7.4 | 4.3 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 40.3 | +1.6 | 43.1 | 26 | 22.2 | +1.3 | 18.0 | 04 | 0.0 | 1.0 | - 0.9 | 1.0 | 11 | 0 | - 0.2 | 8.7 | 4.9 | -0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 39.4 | +1.5 | 42.0 | 15 | 22.9 | +1.8 | 18.9 | 05 | 0.0 | 0.0 | - 11.1 | 0.0 | .. | 0 | - 0.9 | 9.9 | 6.1 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 40.1 | +1.6 | 42.5 | 15 | 22.7 | +2.2 | 19.0 | 03 | 0.0 | 0.0 | - 9.9 | 0.0 | .. | 0 | - 0.9 | 8.3 | 4.7 | -0.8 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 37.8 | +1.2 | 40.6 | 30 | 21.5 | +1.2 | 18.1 | 01 | 10.8 | 11.4 | + 2.9 | 11.4 | 09 | 1 | + 0.0 | 11.2 | 8.2 | -0.6 | 0 | 1 | 0 | 1 | 3 | 0 | 1 | 0 | 0 | 0 |
| Jashpurnagar | 35.6 | .. | 38.9 | 30 | 20.0 | .. | 16.1 | 10 | 34.0 | 17.2 | .. | 8.8 | 09 | 2 | .. | 10.2 | 6.3 | .. | 0 | 2 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 37.4 | +1.4 | 40.0 | 30 | 23.9 | +1.6 | 20.0 | 12 | 11.7 | 15.4 | - 6.2 | 9.8 | 11 | 1 | - 0.9 | 10.9 | 8.4 | +0.9 | 0 | 4 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 39.1 | +1.2 | 41.4 | 15 | .. | .. | .. | .. | 6.0 | 13.2 | - 0.7 | 7.2 | 06 | 2 | + 0.2 | 8.2 | 4.5 | +0.7 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Champa | 41.3 | +1.4 | 44.4 | 30 | 24.7 | -0.2 | 21.0 | 10 | 0.0 | 3.2 | - 6.6 | 2.2 | 10 | 0 | - 1.4 | 8.4 | 6.8 | +1.1 | 0 | 2 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 0 |
| Raigarh | 41.4 | +1.1 | 44.0 | 30 | 25.6 | +0.2 | 22.3 | 10 | 0.0 | 12.8 | + 5.3 | 5.0 | 07 | 3 | + 2.3 | 8.3 | 5.7 | +0.4 | 0 | 3 | 0 | 0 | 3 | 0 | 4 | 0 | 0 | 0 |
| Raipur | .. | .. | .. | .. | 26.2 | +1.1 | 21.6 | 09 | 1.9 | 12.3 | - 3.2 | 7.4 | 10 | 1 | - 0.7 | 10.8 | 9.3 | +0.9 | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 38.7 | +0.9 | 41.2 | 30 | 25.7 | +1.9 | 21.9 | 10 | 3.0 | 29.4 | + 4.8 | 13.8 | 22 | 3 | + 0.8 | 11.4 | 8.6 | +1.9 | 1 | 3 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 37.3 | +0.4 | 39.7 | 28 | 23.4 | +1.2 | 19.2 | 23 | 5.7 | 55.1 | + 5.6 | 21.3 | 23 | 6 | + 2.2 | .. | .. | .. | 0 | 10 | 0 | 0 | 17 | 0 | 0 | 0 | 2 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DAMAN AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 38.6 | -0.6 | 41.4 | 13 | 21.4 | -0.2 | 16.6 | 07 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.1 | 9.9 | 7.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Idar | 37.8 | -0.9 | 41.1 | 13 | 23.0 | -0.7 | 16.8 | 09 | 0.0 | 0.0 | - 4.2 | 0.0 | .. | 0 | - 0.1 | 10.3 | 7.7 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 39.2 | -0.5 | 42.0 | 13 | 22.5 | -0.5 | 20.3 | 02 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.2 | 7.3 | 6.0 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 38.0 | -0.4 | 40.9 | 05 | 23.6 | -0.4 | 19.9 | 08 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | 15.0 | 16.9 | -0.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 39.0 | .. | 41.7 | 13 | 20.9 | .. | 17.2 | 10 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.1 | 6.4 | .. | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 38.7 | -1.0 | 41.3 | 13 | 21.6 | -1.3 | 17.1 | 09 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 7.1 | 5.3 | -2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 39.8 | -0.1 | 43.0 | 21 | 22.6 | +0.9 | 18.4 | 09 | 0.0 | 0.0 | - 4.4 | 0.0 | .. | 0 | - 0.1 | 7.3 | 6.0 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 38.7 | -1.3 | 42.0 | 20 | 22.7 | -1.0 | 18.8 | 03 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | 5.4 | 4.1 | -4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 37.4 | +0.1 | 40.2 | 20 | 21.9 | -1.8 | 19.5 | 09 | 0.0 | 1.4 | - 2.4 | 1.4 | 21 | 0 | - 0.1 | 9.0 | 7.9 | +0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 33.0 | -1.3 | 38.2 | 01 | 19.0 | -1.4 | 12.6 | 01 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 20.5 | 13.8 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 37.6 | +0.0 | 40.6 | 04 | 21.4 | -1.3 | 17.6 | 08 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.1 | 16.2 | 14.2 | +3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 38.0 | .. | 40.3 | 05 | 21.5 | .. | 20.0 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 23.8 | 22.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 34.7 | +0.1 | 38.3 | 06 | 22.1 | -1.2 | 19.5 | 09 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 23.0 | 20.5 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 30.2 | -2.1 | 32.5 | 02 | 21.7 | -0.6 | 17.8 | 01 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 30.8 | 25.6 | +1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 38.7 | -1.0 | 41.2 | 13 | 22.9 | -0.6 | 20.8 | 08 | 0.0 | 0.0 | - 3.8 | 0.0 | .. | 0 | - 0.3 | 13.7 | 14.4 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 28.8 | .. | 30.1 | 30 | 23.5 | .. | 21.9 | 05 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 24.2 | 23.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 33.9 | -1.6 | 36.6 | 04 | 19.9 | -1.5 | 17.2 | 08 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | + 0.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 29.0 | -0.7 | 30.3 | 30 | 24.2 | -0.5 | 22.6 | 02 | 0.0 | 0.0 | - 0.5 | 0.0 | .. | 0 | + 0.0 | 18.9 | 18.9 | +2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 37.4 | -1.4 | 40.5 | 13 | 20.5 | -0.8 | 16.0 | 08 | 0.0 | 0.0 | - 1.0 | 0.0 | .. | 0 | - 0.1 | 24.7 | 23.1 | +3.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 37.3 | -0.3 | 40.3 | 04 | 23.3 | -0.6 | 19.7 | 08 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 21.1 | 19.5 | +8.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 32.8 | +0.5 | 39.5 | 03 | 20.9 | -2.4 | 17.5 | 07 | 0.0 | 0.0 | - 0.4 | 0.0 | .. | 0 | + 0.0 | 21.7 | 14.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 36.9 | -1.0 | 41.0 | 03 | 19.5 | -1.6 | 16.0 | 08 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | + 0.0 | 23.3 | 18.1 | +0.9 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mahuva | 34.7 | .. | 40.2 | 04 | 20.8 | .. | 18.3 | 10 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 9.3 | 9.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 30.7 | -0.8 | 38.4 | 04 | 21.2 | -0.8 | 18.2 | 18 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | + 0.0 | 25.0 | 20.4 | +3.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 31.9 | -0.1 | 34.7 | 19 | .. | .. | .. | .. | 0.0 | 0.0 | - 7.2 | 0.0 | .. | 0 | - 0.3 | 22.9[b] | 16.1[d] | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 32.3 | -1.0 | 35.3 | 03 | 22.6 | -1.2 | 19.1 | 09 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | + 0.0 | 16.0 | 9.5 | -2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 31.3 | -1.0 | 32.2 | 19 | 24.3 | -0.8 | 22.4 | 09 | 0.0 | 0.0 | - 1.5 | 0.0 | .. | 0 | - 0.1 | 14.4 | 11.1 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 30.5 | -0.6 | 34.6 | 08 | 23.4 | -0.8 | 20.7 | 09 | .. | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | . | 11.4 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 39.7 | .. | 42.5 | 04 | 22.1 | .. | 19.5 | 10 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.0 | 3.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 29.1 | -0.7 | 30.6 | 08 | 25.0 | -1.0 | 23.4 | 30 | 0.0 | 0.0 | - 10.2 | 0.0 | .. | 0 | - 0.6 | 24.7 | 20.0 | +2.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 31.5 | -0.6 | 33.4 | 08 | 24.4 | -1.2 | 21.9 | 10 | 0.0 | 0.0 | - 3.6 | 0.0 | .. | 0 | - 0.3 | 14.6 | 8.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 30.9 | -0.9 | 33.3 | 19 | 25.3 | -0.9 | 23.5 | 10 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.8 | 22.9 | 18.8 | +2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.9 | -0.7 | 33.3 | 19 | 23.6 | -1.1 | 20.4 | 10 | 0.0 | 0.0 | - 8.7 | 0.0 | .. | 0 | - 0.8 | 14.5 | 8.4 | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 32.1 | .. | 33.1 | 18 | 24.8 | .. | 22.6 | 09 | 0.0 | 1.9 | .. | 1.9 | 19 | 0 | .. | 16.5 | 11.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mormugao | 30.8 | -0.1 | 31.8 | 21 | 25.5 | -0.6 | 23.8 | 10 | 0.0 | 0.0 | - 17.7 | 0.0 | .. | 0 | - 0.9 | 18.8 | 16.0 | +2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 31.7 | .. | 32.8 | 23 | 25.5 | .. | 22.7 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 12.9 | 9.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 39.6 | -0.6 | 43.0 | 13 | 23.4 | -1.9 | 19.3 | 08 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.3 | 11.5 | 10.3 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 41.4 | +0.3 | 43.1 | 04[ds] | 24.6 | +0.5 | 20.9 | 10 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.2 | 15.8 | 15.6 | +2.4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 39.2 | -0.2 | 41.0 | 05 | 20.9 | -0.9 | 16.8 | 08 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.4 | 10.1 | 8.9 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | .. | .. | .. | .. | 18.8 | .. | .. | .. | .. | 0.0 | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 39.2 | +1.2 | 40.9 | 13 | 22.2 | +0.4 | 20.0 | 23 | 0.0 | 0.0 | - 10.7 | 0.0 | .. | 0 | - 1.0 | 10.8 | 8.5 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 4.6 | 0.0 | .. | 0 | - 0.4 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 38.2 | .. | 40.6 | 13 | 20.5 | .. | 17.2 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poona | 38.1 | +1.2 | 40.2 | 05 | 20.0 | +0.3 | 16.3 | 30 | 0.0 | 0.0 | - 14.2 | 0.0 | .. | 0 | - 1.3 | 9.2 | 7.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 39.0 | +0.1 | 41.0 | 06 | 22.8 | +0.0 | 19.0 | 09 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.5 | 10.2 | 9.5 | -0.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 38.9 | +0.1 | 40.5 | 13 | 21.7 | -0.6 | 19.2 | 09 | 0.0 | 0.0 | - 7.2 | 0.0 | .. | 0 | - 0.6 | 11.2[b] | 10.4[e] | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 40.2 | +0.9 | 41.6 | 27 | 24.9 | +0.4 | 21.4 | 19 | 0.0 | 29.8 | + 16.6 | 22.0 | 12 | 3 | + 1.8 | 9.6 | 8.1 | -1.6 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 38.7 | +0.8 | 40.0 | 07 | 21.6 | +0.0 | 18.1 | 10 | 0.0 | 1.8 | - 30.2 | 1.8 | 12 | 0 | - 2.3 | .. | .. | .. | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 38.3 | +1.2 | 40.4 | 13 | 21.0 | -0.5 | 18.5 | 09 | 6.7 | 6.7 | - 26.6 | 6.7 | 19 | 1 | - 1.8 | 12.9 | 11.9 | +0.0 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 38.9 | +0.6 | 40.4 | 04[ds] | 23.3 | -0.5 | 19.3 | 23 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.6 | 10.7 | 10.6 | -2.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthana) | 38.6 | +0.3 | 40.6 | 14 | 21.6 | -0.6 | 16.7 | 09 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.6 | 13.5 | 11.3 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 39.1 | -0.6 | 41.4 | 29 | 24.2 | +0.0 | 20.6 | 11 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 1.2 | 8.3 | 6.2 | -2.7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nander | 40.5 | .. | 42.4 | 15 | 23.7 | .. | 19.8 | 11 | 20.0 | 20.0 | .. | 11.6 | 21 | 2 | .. | 7.9 | 6.2 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bir | 39.9 | .. | 41.0 | 05 | 23.0 | .. | 19.0 | 09 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.3 | 6.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 40.8 | +1.8 | 43.0 | 30 | 26.4 | +1.8 | 23.9 | 22 | 0.0 | 0.0 | - 12.5 | 0.0 | .. | 0 | - 1.4 | 6.9 | 4.4 | -0.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 40.9 | +1.2 | 43.4 | 06 | 24.5 | +0.6 | 21.2 | 25 | 0.0 | 21.8 | + 5.5 | 20.5 | 25 | 1 | - 0.5 | 12.0 | 10.1 | +0.3 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 3 | 0 |
| Amraoti | 40.8 | +1.1 | 43.0 | 06 | 25.9 | +0.7 | 22.0 | 25 | 1.0 | 5.8 | - 2.6 | 4.8 | 25 | 1 | + 0.3 | 12.2 | 10.2 | +0.4 | 0 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 41.0 | .. | 43.0 | 05 | 22.8 | .. | 19.7 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 11.0 | 9.5 | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Akola | 41.0 | +0.5 | 43.3 | 14 | 22.8 | -1.8 | 19.2 | 09 | 0.3 | 0.3 | - 3.8 | 0.3 | 26 | 0 | - 0.4 | 9.2 | 7.2 | -1.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 40.4 | +0.9 | 43.0 | 15 | 25.2 | +1.2 | 21.1 | 23 | 21.6 | 30.2 | + 11.8 | 23.2 | 06 | 2 | + 0.1 | 10.3 | 9.8 | +0.3 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 37.6 | +0.6 | 39.9 | 05 | 24.3 | -0.6 | 22.0 | 10 | 1.1 | 1.1 | - 7.8 | 1.1 | 26 | 0 | - 0.9 | 11.0 | 10.9 | +0.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 40.3 | +1.0 | 42.7 | 14 | 25.2 | +0.1 | 21.2 | 11 | 5.2 | 8.6 | - 7.6 | 8.6 | 11 | 1 | - 0.4 | 13.0[b] | 12.0 | +0.5 | 0 | 1 | 0 | 0 | 3 | 0 | 4 | 0 | 0 | 0 |
| Chanda | 39.9 | -0.1 | 42.4 | 15 | 26.0 | +1.3 | 21.5 | 06 | 83.6 | 110.4 | + 90.8 | 92.2 | 06 | 4 | + 2.3 | 9.2 | 6.4 | +1.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 40.9 | .. | 42.4 | 16 | 22.3 | .. | 17.6 | 21 | 0.0 | 19.4 | .. | 17.6 | 26 | 1 | .. | 10.4 | 7.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sirsencha | 40.5 | +0.4 | 43.2 | 30 | 27.0 | +0.3 | 22.7 | 10 | 0.0 | 11.1 | - 5.7 | 4.1 | 28 | 3 | + 1.7 | 9.2 | 6.8 | +0.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhandara | 40.4 | .. | .. | .. | 25.7 | .. | .. | .. | 29.0 | 32.0 | .. | .. | .. | .. | .. | 10.8 | 7.5 | .. | . | .. | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 33.7 | +0.6 | 35.5 | 13 | 25.8 | +0.1 | 22.4 | 02 | 0.0 | 0.0 | - 20.6 | 0.0 | .. | 0 | - 1.5 | 19.7 | 15.4 | +0.3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Vishakhapatnam | 36.1 | +3.3 | 37.7 | 13 | 25.9 | +0.0 | 23.4 | 01 | 0.0 | 0.0 | - 18.5 | 0.0 | .. | 0 | - 1.3 | 12.7 | 14.0 | -0.7 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 37.0 | +1.7 | 38.9 | 29 | 25.7 | -0.1 | 23.6 | 01 | 0.0 | 0.0 | - 20.3 | 0.0 | .. | 0 | - 1.4 | 11.9 | 8.4 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Nidadavole | 36.7 | +0.8 | 39.8 | 29 | 25.3 | +0.1 | 22.0 | 12 | 0.0 | 0.0 | - 4.4 | 0.0 | .. | 0 | - 0.6 | 4.5 | 5.1 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bontachintala | 40.0 | +0.4 | 42.2 | 15 | 27.1 | +1.0 | 24.2 | 01 | 0.0 | 0.0 | - 23.1 | 0.0 | .. | 0 | - 1.8 | 9.8 | 9.3 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 37.7 | -0.1 | 40.7 | 29 | 25.8 | +0.2 | 22.9 | 01 | 0.0 | 0.0 | - 14.8 | 0.0 | .. | 0 | - 0.7 | 17.0 | 12.6 | +0.1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam | 34.2 | +0.2 | 36.3 | 27 | 25.3 | -0.6 | 22.5 | 01 | 0.0 | 0.0 | - 18.5 | 0.0 | .. | 0 | - 1.1 | 5.3 | 3.4 | -8.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 36.8 | +2.4 | 39.2 | 28 | 26.2 | +0.2 | 23.2 | 02 | 0.0 | 0.0 | - 5.1 | 0.0 | .. | 0 | - 0.6 | 13.7 | 9.8 | +0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 37.2 | +0.1 | 39.5 | 28 | 25.7 | +0.0 | 23.3 | 13 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.6 | 13.1 | 10.9 | +0.9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 40.1 | -0.2 | 43.2 | 28 | 26.9 | +0.0 | 22.8 | 10 | 2.4 | 10.4 | + 0.5 | 5.0 | 10 | 1 | + 0.3 | 9.6 | 7.7 | -0.2 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad | 40.3 | +1.1 | 42.8 | 15 | 26.0 | +1.2 | 23.5 | 11 | 3.6 | 7.2 | - 13.6 | 5.0 | 21 | 1 | - 0.8 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hanamkonda | 39.7 | +1.4 | 42.7 | 30 | 24.6 | -0.7 | 21.8 | 11 | 0.0 | 3.3 | - 19.8 | 3.0 | 18 | 1 | - 0.6 | 8.2 | 11.1 | +0.2 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 37.4 | .. | 39.5 | 30 | 24.0 | .. | 20.4 | 22 | 0.0 | 10.1 | .. | 4.5 | 26 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 10 | 0 | 0 | 2 | 0 | 0 |
| Bhadrachalam | 39.5 | +0.2 | 41.6 | 29 | 25.8 | +0.1 | 22.3 | 18 | 7.8 | 12.2 | - 10.7 | 6.0 | 27 | 2 | + 0.4 | 6.7 | 9.9 | +0.3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 38.0 | +1.1 | 40.0 | 30 | 24.3 | +0.6 | 19.9 | 01 | 12.4 | 20.0 | - 7.4 | 6.5 | 29 | 3 | + 1.1 | 12.1 | 9.8 | -1.1 | 1 | 8 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 39.3 | +0.3 | 42.6 | 28 | 25.7 | -0.2 | 22.2 | 18 | 0.0 | 9.2 | - 18.1 | 5.4 | 18 | 2 | + 0.3 | 4.6 | 4.5 | -4.2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 37.6 | +0.1 | 41.0 | 30 | 25.0 | +0.5 | 20.8 | 01 | 8.0 | 12.6 | - 11.9 | 10.0 | 23 | 1 | - 1.1 | 9.1 | 7.4 | -1.1 | 1 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 39.8 | +0.5 | 41.6 | 30 | 26.0 | +0.0 | 20.8 | 01 | 0.0 | 6.8 | - 7.4 | 6.3 | 23 | 1 | - 0.3 | 8.1 | 7.7 | -1.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anantapur | 39.0 | +0.6 | 41.1 | 15 | 25.9 | +0.2 | 20.2 | 01 | 0.0 | 2.5 | - 12.5 | 2.5 | 29 | 1 | - 0.2 | 10.4 | 11.1 | +0.9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 40.8 | +1.0 | 42.7 | 28 | 27.2 | -0.2 | 25.0 | 11 | 0.0 | 0.6 | - 12.3 | 0.6 | 23 | 0 | - 1.0 | 9.9 | 9.4 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 35.9 | +1.2 | 37.6 | 28 | 20.8 | -1.2 | 18.0 | 10 | 0.0 | 5.5 | - 21.6 | 4.0 | 29 | 1 | - 0.9 | 12.2 | 9.8 | +1.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 33.7 | +0.4 | 35.0 | 23 | 25.9 | +0.1 | 23.1 | 02 | 28.0 | 0.8 | - 21.7 | 0.8 | 30 | 0 | - 0.8 | 11.1 | 10.3 | +2.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 35.2 | +0.3 | 36.8 | 16 | 26.1 | +0.1 | 23.6 | 02 | 25.8 | 0.2 | - 17.3 | 0.2 | 30 | 0 | - 1.0 | 17.6 | 10.9 | +0.4 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 37.3 | +0.5 | 40.6 | 29 | 24.6 | -0.4 | 20.7 | 12 | 0.0 | 0.0 | - 23.4 | 0.0 | .. | 0 | - 1.4 | 7.8 | 6.9 | -1.4 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 37.1 | .. | 38.6 | 17 | 25.6 | .. | 22.8 | 02 | 24.4 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 36.5 | +0.0 | 39.8 | 28 | 22.2 | -0.9 | 18.1 | 02 | 12.4 | 12.4 | - 20.4 | 12.4 | 19 | 1 | - 2.0 | 7.2 | 5.0 | +0.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.B. | 38.4 | .. | 39.8 | 16 | 25.2 | .. | 22.8 | 22 | 1.6 | 53.6 | .. | 38.0 | 22 | 3 | .. | 7.7 | 8.6 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 33.3 | +0.5 | 36.1 | 28 | 25.6 | -0.1 | 23.0 | 13 | 16.2 | 0.0 | - 23.9 | 0.0 | .. | 0 | - 1.0 | 15.9 | 10.9 | -0.8 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kallakurichchi | 38.3 | +1.4 | 40.6 | 29 | 25.2 | -0.2 | 22.3 | 13 | 37.4 | 39.8 | + 10.1 | 37.4 | 24 | 1 | - 1.1 | 7.6 | 6.4 | .. | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Salem | 37.5 | +0.6 | 39.4 | 14 | 25.5 | +0.4 | 21.5 | 22 | 18.2 | 81.8 | + 29.2 | 73.0 | 22 | 2 | - 1.7 | 8.4 | 9.6 | +1.3 | 0 | 4 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 36.5 | +1.2 | 38.0 | 14 | 23.4 | +0.0 | 21.1 | 30 | 1.2 | 20.7 | - 42.4 | 8.9 | 29 | 3 | - 1.1 | 13.1 | 14.9 | +0.2 | 0 | 4 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 0 |
| Coimbatore | 36.6 | +2.0 | 38.7 | 15 | 24.8 | +1.4 | 21.4 | 24 | .. | 44.4 | + 1.2 | 28.2 | 24 | 4 | + 0.5 | .. | .. | .. | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 32.6 | +0.1 | 36.2 | 28 | 27.1 | +0.3 | 24.2 | 13 | 1.8 | 0.0 | - 32.8 | 0.0 | .. | 0 | - 1.5 | 15.5 | 13.8 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 37.7 | +1.0 | 39.1 | 27 | 26.1 | +0.3 | 22.7 | 30 | 4.5 | 32.2 | - 11.5 | 27.7 | 30 | 2 | - 0.3 | 10.6 | 11.4 | +1.7 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 34.3 | .. | 35.6 | 17 | 25.8 | .. | 23.3 | 13 | 38.1 | 42.2 | .. | 32.6 | 24 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 34.1 | .. | 36.6 | 29 | 26.4 | .. | 23.0 | 30 | 4.0 | 49.6 | .. | 33.0 | 30 | 4 | .. | 15.9 | 13.5 | .. | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 37.0 | +0.7 | 39.1 | 17 | 25.7 | +0.3 | 23.4 | 25 | .. | 32.2 | - 26.5 | 21.6 | 24 | 3 | - 0.4 | .. | 4.8 | -0.3 | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 36.7 | +1.0 | 38.4 | 17 | 25.3 | +0.3 | 23.1 | 30 | 2.2 | 72.0 | + 14.0 | 60.8 | 10 | 3 | + 0.2 | 8.4 | 8.0 | -0.4 | 1 | 4 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 32.4 | +0.4 | 36.0 | 29 | 26.5 | -0.2 | 22.1 | 30 | 0.8 | 189.0 | +156.5 | 90.2 | 09 | 5 | + 2.0 | 14.1 | 14.9 | -1.2 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 32.7 | +0.5 | 34.1 | 28 | 26.8 | +0.1 | 22.0 | 30 | 23.0 | 135.8 | + 91.3 | 85.0 | 01 | 4 | + 1.1 | 11.8 | 10.4 | -1.7 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 32.7 | +0.8 | 35.2 | 28 | 25.8 | -0.7 | 24.3 | 02 | 0.0 | 43.2 | - 22.2 | 43.2 | 20 | 1 | - 2.8 | 16.8 | 12.8 | -0.8 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 36.9 | +1.5 | 38.8 | 30 | 25.9 | +0.0 | 24.1 | 25 | 76.8 | 63.2 | - 3.3 | 33.4 | 25 | 4 | + 0.3 | 9.5 | 7.4 | +0.2 | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 32.9 | .. | 34.6 | 30 | 26.1 | .. | 22.7 | 20 | 0.0 | 83.2 | .. | 63.2 | 20 | 2 | .. | 14.1 | 13.1 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 29.7 | -1.9 | 31.0 | 19 | 26.8 | +1.5 | 24.1 | 09 | 0.0 | 0.0 | - 16.8 | 0.0 | .. | 0 | - 1.0 | 11.6 | 8.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 32.1 | -0.3 | 33.8 | 06 | 24.6 | -0.6 | 22.8 | 10 | 0.0 | 0.0 | - 15.7 | 0.0 | .. | 0 | - 1.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 33.6 | -0.1 | 35.2 | 06 | 25.1 | +0.2 | 22.7 | 20 | 0.0 | 10.5 | - 21.7 | 10.5 | 20 | 1 | - 1.1 | 12.9 | 8.0 | -0.2 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 32.2 | -0.2 | 33.0 | 20 | 25.8 | -0.3 | 23.4 | 20 | 0.0 | 12.3 | - 23.0 | 12.3 | 20 | 1 | - 1.1 | 14.1 | 10.3 | +1.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 37.4 | +0.5 | 39.0 | 15 | 24.7 | +0.2 | 21.0 | 22 | 2.5 | 23.0 | - 2.4 | 6.4 | 22 | 4 | + 1.9 | 13.7 | 12.7 | +1.5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 39.7 | +0.6 | 41.6 | 27 | 25.6 | +0.6 | 22.2 | 01 | 8.2 | 22.2 | + 3.1 | 11.2 | 17 | 3 | + 1.2 | 12.6 | 9.8 | -1.9 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 40.4 | +2.4 | 41.7 | 27 | 24.6 | +0.8 | 21.0 | 22 | 4.0 | 4.8 | - 14.8 | 2.8 | 11 | 1 | - 0.7 | 7.0 | 6.9 | -0.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 39.4 | +0.7 | 41.6 | 17 | 26.0 | -0.2 | 20.7 | 02 | 0.0 | 32.0 | + 17.0 | 17.6 | 18 | 2 | + 0.7 | 10.7 | 11.1 | +0.8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 37.3 | +1.6 | 38.8 | 30 | 20.3 | +0.8 | 18.7 | 24 | 4.6 | 10.6 | - 32.6 | 5.4 | 13 | 1 | - 2.1 | 8.8 | 6.4 | -2.1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum (Sunra) | 35.9 | +0.7 | 36.8 | 30 | 20.5 | +0.2 | 18.6 | 01 | 0.0 | 16.8 | - 35.1 | 8.6 | 12 | 3 | - 0.5 | 10.6 | 9.3 | -4.4 | 1 | 3 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Godag | 38.4 | +1.1 | 40.0 | 27 | 22.3 | -0.2 | 19.6 | 21 | 0.0 | 0.0 | - 30.7 | 0.0 | .. | 0 | - 2.7 | 8.6 | 9.5 | -0.6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 41.0 | +2.9 | 43.2 | 16 | 25.9 | +0.4 | 24.0 | 20 | 0.0 | 6.0 | - 14.8 | 4.0 | 28 | 1 | - 0.8 | 9.3 | 6.0 | -0.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 36.9 | +0.6 | 38.8 | 07 | 23.1 | +0.4 | 20.8 | 28 | 2.6 | 55.6 | + 34.5 | 53.0 | 28 | 2 | + 0.1 | 7.7 | 7.5 | -0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 37.2 | +1.5 | 39.5 | 07 | 21.1 | -1.1 | 19.2 | 02 | 6.6 | 13.2 | - 39.8 | 6.6 | 11 | 2 | - 1.9 | 4.2 | 3.8 | -1.5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 30.9 | .. | 32.6 | 06 | 19.3 | .. | 15.8 | 25 | .. | 10.0 | .. | 8.0 | 19 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belchonnur | 34.9 | +4.0 | 36.9 | 04 | 18.9 | -0.1 | 17.5 | 12 | .. | 19.4 | - 71.0 | 8.6 | 19 | 2 | - 4.3 | .. | .. | .. | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 34.7 | +1.5 | 36.5 | 15 | 20.0 | -0.1 | 16.9 | 03 | 14.0 | 33.8 | - 19.0 | 11.4 | 20 | 5 | + 1.0 | 6.5 | 6.3 | -1.9 | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 33.8 | +0.4 | 35.4 | 28 | 21.8 | +0.6 | 18.5 | 02 | 1.5 | 38.2 | - 6.3 | 24.5 | 22 | 3 | + 0.3 | 9.4 | 8.9 | -0.1 | 0 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 34.0 | +0.0 | 35.5 | 07 | 20.5 | -0.8 | 17.5 | 03 | 0.0 | 74.4 | + 38.6 | 30.2 | 25 | 5 | + 2.7 | .. | .. | .. | 0 | 6 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 34.8 | +0.8 | 36.5 | 07 | 21.9 | +0.5 | 19.6 | 02 | 4.0 | 24.0 | - 39.5 | 7.0 | 30 | 4 | - 0.6 | 10.9 | 9.3 | +0.9 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **MALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 33.2 | +0.3 | 34.3 | 07 | 26.1 | +0.3 | 23.1 | 20 | 0.0 | 49.4 | - 37.5 | 28.2 | 11 | 3 | - 1.0 | 13.4 | 12.6 | +0.0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 37.8 | +1.8 | 40.0 | 04 | 25.3 | +0.0 | 21.7 | 24 | 3.2 | 83.6 | + 0.4 | 36.2 | 30 | 3 | - 1.9 | 10.3 | 9.6 | +0.3 | 0 | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 32.2 | +0.8 | 33.8 | 27 | 25.5 | -0.5 | 24.4 | 11 | 1.2 | 92.7 | - 20.8 | 32.4 | 05 | 5 | - 1.3 | 16.2 | 12.5 | +1.8 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 33.0 | .. | 34.3 | 20 | 25.8 | .. | 22.4 | 09 | 8.2 | 45.7 | .. | 24.6 | 05 | 3 | .. | 15.4 | 10.8 | .. | 1 | 5 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 33.1 | +0.4 | 34.2 | 24 | 25.9 | +0.4 | 23.4 | 09 | 0.0 | 87.0 | - 75.7 | 16.8 | 10 | 9 | + 0.5 | 19.5 | 14.7 | +2.4 | 0 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 35.5 | +0.4 | 36.9 | 10 | 23.9 | +0.3 | 22.8 | 07 | 116.9 | 219.2 | - 93.0 | 49.0 | 24 | 13 | + 1.3 | 4.6 | 3.4 | -0.3 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 32.8 | +0.4 | 34.0 | 23 | 25.2 | +0.1 | 23.7 | 07 | 11.8 | 52.7 | - 53.0 | 11.0 | 11 | 6 | - 0.4 | 12.1 | 8.1 | +0.3 | 1 | 11 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 32.5 | -0.2 | 33.6 | 30 | .. | .. | .. | .. | .. | 62.2 | - 47.1 | 23.4 | 07 | 5 | - 1.5 | . | 6.2 | -1.7 | 1 | 9 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| **ARIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 32.8 | -0.2 | 33.4 | 18 | 26.7 | -0.4 | 24.9 | 09 | 6.0 | 6.0 | - 19.4 | 6.0 | 21 | 1 | - 0.4 | 14.8 | 14.8 | +4.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agatti @ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Androth | 32.7 | .. | 34.3 | 11 | 27.4 | .. | 25.5 | 03 | 9.8 | 9.8 | .. | 9.8 | 21 | 1 | .. | 8.2 | 6.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 32.1 | +1.0 | 32.9 | 11 | 26.1 | -0.1 | 22.3 | 03 | 1.9 | 1.9 | - 49.4 | 1.9 | 21 | 0 | - 2.9 | 9.9 | 7.3 | -0.2 | 0 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **LL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 21.2 | -1.6 | 26.1 | 25 | 8.3 | -3.6 | 3.1 | 18 | 24.3 | 65.7 | - 9.2 | 26.3 | 14 | 5 | + 0.1 | 5.0 | 5.8 | -0.5 | 1 | 12 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 26.2 | +0.3 | 29.9 | 26 | 15.8 | -0.9 | 11.3 | 07 | 7.2 | 20.1 | - 26.9 | 5.2 | 28 | 3 | - 0.3 | 8.1 | 6.8 | +0.5 | 0 | 8 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 26.2 | .. | 31.8 | 21 | 9.9 | .. | 6.4 | 08 | 32.9 | 68.5 | .. | 15.0 | 29 | 7 | .. | 9.0 | 7.2 | .. | 0 | 14 | 0 | 4 | 14 | 0 | 1 | 0 | 0 | 0 |
| Simla | 18.8 | -0.4 | 22.9 | 27 | .. | .. | .. | .. | 6.7 | 15.4 | - 30.3 | 5.5 | 30 | 3 | - 1.3 | 6.4 | 4.1 | -0.4 | 2 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9.0 | - 26.6 | 4.0 | 30 | 1 | - 1.7 | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Lokpal | 0.5 | +1.2 | 1.8 | 21 | - 5.7 | +0.1 | - 6.4 | 23 | .. | 86.4 | + 2.2 | 30.2 | 07 | 9 | + 3.3 | .. | .. | .. | 0 | 10 | 9 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| Badrinath | Temperature only from May to October | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 23.3 | +1.0 | 26.4 | 26 | 11.9 | +1.4 | .. | .. | 6.0 | 32.1 | - 27.8 | 25.0 | 07 | 2 | - 3.2 | 6.6 | 7.7 | -1.5 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Mussoorie | 22.1 | +1.0 | 25.8 | 26 | 12.9 | +1.1 | 6.2 | 07 | 2.0 | 9.7 | - 26.3 | 7.8 | 07 | 1 | - 2.3 | 13.7 | 10.1 | +2.2 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 22.6 | +2.5 | 25.5 | 15 | 11.2 | +0.5 | 5.7 | 07 | 0.0 | 1.8 | - 34.5 | 1.8 | 07 | 0 | - 3.2 | 17.0 | 15.3 | +0.4 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nainital | 21.8 | +0.6 | 24.6 | 30 | 12.7 | +0.6 | 8.5 | 08 | 0.0 | 3.0 | - 21.7 | 3.0 | 07 | 1 | - 1.0 | 10.7 | 8.0 | -0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 25.2 | +2.1 | 28.0 | 30 | 15.8 | +0.8 | 13.6 | 27 | 12.8 | 70.4 | - 10.9 | 25.6 | 16 | 6 | - 0.8 | 14.7 | 12.3 | +2.1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 18.4 | +0.4 | 22.0 | 30 | 10.0 | -0.2 | 8.2 | 16 | 71.4 | 96.4 | - 16.9 | 53.4 | 16 | 6 | - 2.2 | 5.1 | 4.0 | +0.3 | 0 | 6 | 0 | 0 | 8 | 2 | 0 | 0 | 0 | 0 |
| Kohima | 25.5 | +0.7 | 29.1 | 16 | 15.9 | -0.7 | 13.2 | 10 | 22.0 | 70.6 | + 8.1 | 18.6 | 24 | 8 | + 1.3 | . | 6.0 | -1.7 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong | 26.1 | +2.3 | 28.1 | 02 | 14.4 | +0.3 | 9.6 | 01 | 2.4 | 29.0 | -117.1 | 12.6 | 23 | 3 | - 7.2 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cherrapunji | 23.3 | +1.3 | 25.2 | 15 | 14.9 | -0.2 | 10.6 | 27 | .. | 380.1 | -303.7 | 94.2 | 03 | 14 | - 2.4 | 11.6 | 10.3 | -1.6 | 1 | 18 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Abu | 29.1 | -0.3 | 32.8 | 14 | 17.5 | -2.5 | 15.2 | 17 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 14.2 | 7.9 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal | (E) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 35.8 | +0.4 | 36.1 | 15 | 20.9 | +0.8 | 17.0 | 18 | 1.2 | 1.2 | - 8.5 | 1.2 | 11 | 0 | - 0.9 | 6.6 | 5.7 | +0.6 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 31.2 | +1.9 | 33.6 | 04 | 19.2 | +0.4 | 16.4 | 29 | 1.9 | 2.4 | - 22.7 | 1.9 | 19 | 0 | - 1.5 | 11.8 | 13.1 | +2.4 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mercara | 29.5 | +1.6 | 32.0 | 04 | 17.1 | -0.8 | 15.0 | 13 | 39.2 | 84.4 | + 16.6 | 34.0 | 19 | 5 | + 0.0 | 9.1 | 8.1 | -0.1 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund | 22.9 | +0.8 | 26.1 | 14 | 10.3 | +0.1 | 7.8 | 14 | 20.4 | 97.6 | + 12.0 | 35.2 | 30 | 7 | + 0.3 | 1.3 | 2.3 | -1.6 | 1 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 24.9 | +1.4 | 26.9 | 28 | 12.5 | -1.3 | 8.9 | 03 | .. | 129.4 | - 13.2 | 30.6 | 30 | 7 | - 0.5 | .. | .. | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 20.9 | +1.1 | 22.6 | 07 | 11.6 | +0.0 | 9.5 | 01 | 41.3 | 61.8 | - 62.4 | 33.0 | 20 | 4 | - 3.6 | 13.9 | 12.5 | +0.1 | 1 | 9 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| **PAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 30.6 | +1.7 | 34.6 | 30 | 9.5 | -2.0 | 5.7 | 03 | 3.0 | 8.1 | - 38.9 | 4.2 | 27 | 1 | - 3.3 | 3.4 | 1.4 | -0.2 | 0 | 4 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 0 |
| **KKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 15.2 | +0.9 | 22.0 | 18 | 6.9 | +4.9 | 0.7 | 02 | .. | 38.5 | - 62.4 | 14.0 | 23 | 5 | - 6.4 | .. | .. | .. | 0 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| **AGROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 38.4 | .. | 41.5 | 27 | 23.0 | .. | 17.5 | 01 | 1.0 | 2.2 | .. | 1.4 | 08 | 0 | .. | 13.7 | 8.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 36.6 | .. | 39.6 | 30 | 21.5 | .. | 17.0 | 01 | 1.0 | 1.0 | .. | 1.0 | 10 | 0 | .. | 10.9 | 6.5 | .. | 0 | 1 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| Kanke | 37.6 | .. | 39.5 | 20 | 20.4 | .. | 16.3 | 04 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.3 | 4.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 40.6 | .. | 43.9 | 30 | 20.3 | .. | 14.9 | 01 | 0.0 | 0.8 | .. | 0.7 | 08 | 0 | .. | 7.1 | 4.4 | .. | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maithon | 41.3 | .. | 44.4 | 30 | 21.4 | .. | 15.3 | 01 | 3.5 | 3.5 | .. | 3.0 | 09 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bangaon | 41.3 | .. | 44.2 | 30 | 20.8 | .. | 17.5 | 01 | 3.0 | 3.0 | .. | 1.5 | 20 | 0 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 22 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **[illegible] METEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **[illegible] CATCHMENT** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Panchet Hills | 40.4 | .. | 45.2 | 29 | 24.4 | .. | 19.6 | 01 | 0.0 | 1.2 | .. | 1.2 | 09 | 0 | .. | 11.4 | 10.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 39.8 | .. | 43.3 | 30 | 22.3 | .. | 13.4 | 01 | 20.0 | 25.4 | .. | 21.0 | 09 | 2 | .. | 11.9 | 10.9 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sinabahar | 39.0 | .. | 42.5 | 30 | 20.3 | .. | 14.5 | 01 | .. | 19.8 | .. | 11.2 | 10 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 39.8 | .. | 42.2 | 27 | 25.7 | .. | 22.2 | 10 | 8.4 | 27.7 | .. | 13.0 | 07 | 3 | .. | 2.1 | 4.3 | .. | 0 | 4 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 38.9 | .. | 41.4 | 30 | 23.0 | .. | 17.0 | 08 | 3.5 | 49.8 | .. | 45.0 | 08 | 2 | .. | 4.6 | 2.9 | .. | 0 | 4 | 1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Sonepur | 39.9 | .. | 43.0 | 30 | 26.4 | .. | 21.1 | 10 | .. | 12.5 | .. | 6.0 | 10 | 2 | .. | . | 6.9 | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 39.5 | .. | 42.3 | 30 | 24.7 | .. | 19.6 | 09 | 0.0 | 73.0 | .. | 60.4 | 09 | 3 | .. | 12.6 | 8.4 | .. | 0 | 4 | 0 | 1 | 4 | 0 | 0 | 0 | 3 | 0 |
| **[illegible]PURA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 38.3 | .. | 40.6 | 05 | 20.7 | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 12.0 | 7.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pusaua | 40.8 | .. | 45.6 | 16 | 23.9 | .. | 18.4 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 13.8 | 9.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thiluri | 41.7 | .. | 44.1 | 15 | 21.1 | .. | 17.2 | 08 | .. | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BARAKMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dorei | 42.0 | .. | 45.2 | 19 | 22.3 | .. | 16.0 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **SANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomsom | 20.6 | .. | 24.5 | 30 | 4.3 | .. | 1.5 | 23 | 1.2 | 5.6 | .. | 2.4 | 15 | 0 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 31.5 | .. | 35.1 | 30 | 18.4 | .. | 12.9 | 23 | 18.0 | 47.0 | .. | 16.0 | 23 | 7 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| Tumre | .. | .. | .. | .. | .. | .. | .. | .. | 6.3 | 17.9 | .. | 6.9 | 23 | 3 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 31.6 | .. | 34.7 | 18 | 17.3 | .. | 12.3 | 23 | 82.2 | 98.1 | .. | 39.8 | 27 | 6 | .. | 4.5 | 5.0 | .. | 0 | 7 | 0 | 1 | 8 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 30.6 | .. | 33.9 | 30 | 19.6 | .. | 13.9 | 23 | 28.6 | 36.1 | .. | 16.4 | 16 | 3 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **SHAKSGAM CATCHMENT (TRANS HIMALAYAN [illegible])** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 28.8 | .. | 32.4 | 28 | 15.5 | .. | 10.5 | 05 | 3.2 | 3.4 | .. | 2.2 | 27 | 0 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| **SHAKSGAM CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 25.5 | .. | 28.8 | 29 | 14.1 | .. | 9.9 | 19 | 0.2 | 2.2 | .. | 2.2 | 07 | 0 | .. | 7.5 | 5.4 | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Sellyana | 29.5 | .. | 32.9 | 30 | 18.1 | .. | 14.3 | 08 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 38.1 | .. | 42.9 | 30 | 24.1 | .. | 20.4 | 01 | 0.0 | 1.5 | .. | 1.5 | 22 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| **BAGMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | Data included under Nepal | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **[illegible] CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | 28.0[g] | .. | 31.1 | 15 | 14.6[g] | .. | 12.1 | 25 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| [illegible] Gola | 12.6[h] | .. | 16.4 | 30 | 2.9 | .. | -0.1 | 23 | 8.5 | 61.3 | .. | 30.5 | 22 | 6 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejhok | 28.3 | .. | 32.7 | 30 | 14.7 | .. | 12.0 | 23 | 11.8 | 115.4 | .. | 31.8 | 16 | 9 | .. | .. | .. | .. | 0 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 25.5 | .. | 29.9 | 30 | 16.2 | .. | 12.3 | 23 | 14.3 | 20.9 | .. | 14.3 | 27 | 2 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 23.8 | .. | 27.5 | 30 | 12.4[h] | .. | 9.6 | 23 | 34.7 | 63.4 | .. | 13.3 | 27 | 8 | .. | .. | .. | .. | 0 | 10 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 0 |
| Chhaldhunga | 24.4 | .. | 27.4 | 30 | 14.3 | .. | 9.4 | 20 | 13.1 | 21.8 | .. | 14.2 | 27 | 2 | .. | 12.0 | 8.6 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chainpur | 29.7 | .. | 32.5 | 30 | 17.5 | .. | 13.1 | 23 | 23.2 | 29.4 | .. | 16.4 | 23 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Angtang | 29.5 | .. | 32.3 | 30 | .. | .. | .. | .. | 70.5 | 243.8 | .. | 122.0 | 24 | 8 | .. | .. | .. | .. | 0 | 9 | .. | .. | .. | .. | .. | . | .. | . |
| Darchakshetra | 35.6 | .. | 38.8 | 30 | 21.6 | .. | 15.4 | 23 | 46.0 | 56.2 | .. | 44.9 | 23 | 2 | .. | 10.2 | 6.8 | .. | 0 | 2 | 0 | 2 | 4 | 0 | 0 | 0 | 0 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 23.1 | .. | 25.5 | 30 | 12.7 | .. | 9.5 | 20 | 33.2 | 119.6 | .. | 26.2 | 29 | 9 | .. | 5.2 | 4.9 | .. | 1 | 14 | 0 | 1 | 13 | 2 | 0 | 0 | 1 | 0 |
| Gezing | 26.5 | .. | 28.7 | 30 | 13.6 | .. | 10.3 | 23 | 32.8 | 80.9 | .. | 23.3 | 28 | 5 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km p.h.) 62 or more | Wind Speed (Km p.h.) 20 to 61 | Wind Speed (Km p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1010.4 | 1007.3 | -1.0 | 30.1 | 26.0 | 24.3 | 30.4 | 71 | - 4 | 3.4 | -0.5 | 4.9 | 0 | 0 | 24 | 01 | 13 | 3 | 3 | 0 | 0 | 0 | 4 | 6 | 0 |
| | 1730 | 28 | 1007.3 | 1004.2 | -1.1 | 29.3 | 25.9 | 24.4 | 30.5 | 75 | - 3 | 3.8 | -0.9 | 8.3 | 0 | 2 | 27 | 00 | 13 | 10 | 3 | 0 | 1 | 0 | 2 | 1 | 0 |
| Long Island | 0830 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 0530 | 79 | 1008.8 | 999.8 | .. | 25.3 | 24.3 | 23.8 | 29.5 | 91 | .. | 4.4 | .. | 2.0 | 0 | 0 | 13 | 00 | 2 | 1 | 1 | 0 | 2 | 3 | 4 | 17 | 0 |
| | 0830 | 79 | 1010.6 | 1001.8 | -0.3 | 31.2 | 26.3 | 24.1 | 30.0 | 66 | - 4 | 4.2 | -0.3 | 7.4 | 0 | 1 | 26 | 01 | 5 | 10 | 8 | 1 | 2 | 0 | 0 | 3 | 0 |
| | 1130 | 79 | 1009.5 | 1000.7 | .. | 32.0 | 26.2 | 23.7 | 29.3 | 62 | .. | 4.6 | .. | 9.7 | 0 | 1 | 28 | 02 | 1 | 7 | 17 | 1 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 79 | 1007.6 | 998.8 | -0.3 | 28.9 | 25.4 | 25.9 | 29.7 | 74 | - 3 | 4.8 | -0.5 | 3.3 | 0 | 0 | 18 | 00 | 3 | 5 | 5 | 1 | 2 | 0 | 2 | 12 | 0 |
| | 2330 | 79 | 1009.0 | 1000.1 | .. | 26.7 | 25.1 | 24.4 | 30.5 | 87 | .. | 3.4 | .. | 2.7 | 0 | 0 | 14 | 00 | 1 | 2 | 4 | 0 | 2 | 4 | 1 | 16 | 0 |
| Car Nicobar | 0830 | 10 | 1009.9 | 1008.7 | -0.8 | 30.7 | 26.1 | 24.1 | 30.0 | 69 | - 1 | 4.5 | -0.3 | 1.7 | 0 | 0 | 22 | 03 | 6 | 9 | 1 | 1 | 2 | 0 | 0 | 8 | 0 |
| | 1730 | 10 | 1007.0 | 1005.8 | -1.0 | 29.1 | 25.7 | 24.2 | 30.2 | 75 | - 2 | 4.0 | -0.7 | 0.6 | 0 | 0 | 9 | 02 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 21 | 1 |
| Nancowry | 0830 | 26 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 26 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Kondul | 0830 | 8 | .. | .. | .. | 29.0 | 26.4 | 25.3 | 32.2 | 80 | - 1 | 4.8 | -0.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 8 | .. | .. | .. | 28.5 | 26.1 | 25.1 | 31.9 | 82 | - 4 | 5.7 | +0.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1010.4 | 992.5 | -0.3 | 22.6 | 19.3 | 17.3 | 19.7 | 73 | + 3 | 5.9 | +0.5 | 12.4 | 0 | 6 | 24 | 00 | 1 | 1 | 1 | 0 | 4 | 1 | 22 | 0 | 0 |
| | 1730 | 157 | 1005.8 | 988.1 | -0.7 | 25.2 | 20.6 | 17.9 | 20.5 | 65 | - 7 | 5.9 | +0.4 | 7.1 | 0 | 3 | 24 | 02 | 0 | 4 | 2 | 2 | 2 | 1 | 14 | 3 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1007.2 | 994.4 | .. | 19.7 | 18.3 | 17.4 | 19.9 | 87 | .. | 5.9 | .. | 6.7 | 0 | 2 | 21 | 07 | 15 | 3 | 1 | 1 | 0 | 0 | 1 | 7 | 0 |
| | 0530 | 111 | 1008.6 | 995.6 | .. | 19.2 | 18.0 | 17.2 | 19.6 | 89 | .. | 5.8 | .. | 5.7 | 0 | 1 | 22 | 03 | 16 | 1 | 1 | 0 | 1 | 0 | 1 | 7 | 0 |
| | 0830 | 111 | 1010.4 | 997.7 | -0.2 | 22.9 | 19.8 | 17.9 | 20.5 | 74 | + 2 | 5.6 | +0.5 | 8.6 | 0 | 1 | 27 | 03 | 18 | 5 | 1 | 0 | 1 | 0 | 0 | 2 | 0 |
| | 1130 | 111 | 1009.1 | 996.5 | .. | 25.9 | 20.8 | 17.8 | 20.4 | 64 | .. | 4.7 | .. | 7.9 | 0 | 0 | 28 | 00 | 15 | 6 | 6 | 1 | 0 | 0 | 0 | 2 | 0 |
| | 1430 | 111 | 1006.0 | 993.5 | .. | 27.4 | 21.2 | 17.6 | 20.1 | 57 | .. | 4.9 | .. | 10.2 | 0 | 4 | 25 | 00 | 21 | 3 | 2 | 1 | 0 | 1 | 1 | 1 | 0 |
| | 1730 | 111 | 1005.6 | 993.0 | -0.5 | 25.3 | 21.0 | 18.5 | 21.3 | 67 | - 4 | 5.1 | -0.7 | 5.9 | 0 | 1 | 22 | 02 | 18 | 2 | 0 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 2030 | 111 | 1007.4 | 994.7 | .. | 22.2 | 19.7 | 18.2 | 20.9 | 79 | .. | 4.3 | .. | 5.1 | 0 | 0 | 22 | 04 | 14 | 4 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 2330 | 111 | 1007.6 | 994.8 | .. | 20.8 | 19.1 | 18.0 | 20.6 | 85 | .. | 5.4 | .. | 5.8 | 0 | 1 | 20 | 02 | 14 | 2 | 1 | 0 | 1 | 0 | 1 | 9 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1010.4 | 998.7 | -0.1 | 23.9 | 20.3 | 18.2 | 20.9 | 72 | - 4 | 5.1 | -0.2 | 7.5 | 0 | 2 | 26 | 06 | 14 | 4 | 1 | 1 | 1 | 1 | 0 | 2 | 0 |
| | 1130 | 102 | 1009.2 | 997.6 | .. | 27.0 | 21.2 | 17.9 | 20.5 | 59 | .. | 5.1 | .. | 11.7 | 0 | 3 | 25 | 08 | 8 | 10 | 2 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1430 | 102 | 1006.1 | 994.6 | .. | 28.1 | 21.4 | 17.5 | 20.0 | 54 | .. | 4.5 | .. | 10.7 | 0 | 5 | 24 | 03 | 14 | 6 | 2 | 2 | 0 | 0 | 2 | 1 | 0 |
| | 1730 | 102 | 1005.7 | 994.1 | -0.4 | 25.2 | 21.2 | 19.0 | 22.0 | 69 | - 6 | 5.0 | +0.0 | 6.9 | 0 | 2 | 25 | 06 | 12 | 6 | 1 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 2030 | 102 | 1007.8 | 996.1 | .. | 22.3 | 20.6 | 19.7 | 22.9 | 83 | .. | 4.8 | .. | 4.4 | 0 | 1 | 18 | 06 | 7 | 4 | 0 | 0 | 0 | 0 | 2 | 11 | 0 |
| Sibsagar | 0830 | 97 | 1010.3 | 999.2 | -0.5 | 22.8 | 20.1 | 18.5 | 21.3 | 77 | - 1 | 5.7 | +0.2 | 3.7 | 0 | 0 | 27 | 08 | 17 | 1 | 0 | 0 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 97 | 1005.2 | 994.4 | -0.8 | 26.8 | 22.1 | 19.5 | 22.7 | 65 | - 8 | 5.1 | -0.2 | 3.3 | 0 | 0 | 28 | 12 | 13 | 1 | 0 | 0 | 1 | 1 | 0 | 2 | 0 |
| Gohpur | 0830 | 83 | 1010.1 | 1000.6 | .. | 23.4 | 20.8 | 19.3 | 22.4 | 79 | + 0 | 6.0 | .. | 6.5 | 0 | 0 | 28 | 00 | 14 | 0 | 8 | 0 | 0 | 0 | 0 | 2 | 6 |
| | 1730 | 83 | 1005.0 | 995.6 | .. | 25.6 | 21.8 | 19.7 | 22.9 | 71 | + 2 | 4.6 | .. | 3.5 | 0 | 0 | 27 | 00 | 17 | 1 | 3 | 0 | 1 | 0 | 0 | 3 | 5 |
| Majbat | 0830 | | .. | .. | .. | 23.7 | 20.4 | 18.5 | 21.3 | 74 | .. | 5.2 | +1.0 | 5.6 | 0 | 0 | 28 | 00 | 22 | 0 | 2 | 0 | 1 | 0 | 3 | 2 | 0 |
| | 1730 | | .. | .. | .. | 27.3 | 21.9 | 18.9 | 21.8 | 61 | .. | 5.5 | +1.8 | 4.1 | 0 | 0 | 27 | 00 | 21 | 0 | 1 | 0 | 5 | 0 | 0 | 3 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1007.5 | 997.2 | .. | 19.8 | 19.1 | 18.7 | 21.6 | 93 | .. | 5.3 | .. | 2.5 | 0 | 0 | 19 | 01 | 11 | 5 | 1 | 1 | 0 | 0 | 0 | 11 | 0 |
| | 0830 | 90 | 1009.5 | 999.2 | .. | 23.3 | 20.5 | 18.9 | 21.8 | 77 | .. | 5.1 | .. | 4.3 | 0 | 0 | 27 | 03 | 11 | 9 | 1 | 0 | 0 | 0 | 2 | 3 | 1 |
| | 1130 | 90 | 1008.3 | 998.1 | .. | 26.6 | 21.7 | 19.0 | 22.0 | 65 | .. | 4.3 | .. | 4.8 | 0 | 0 | 25 | 01 | 15 | 8 | 0 | 0 | 0 | 0 | 1 | 5 | 0 |
| | 1730 | 90 | 1004.5 | 994.3 | .. | 25.7 | 21.4 | 19.0 | 22.0 | 68 | .. | 4.8 | .. | 3.7 | 0 | 0 | 24 | 01 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 2330 | 90 | 1006.8 | 996.5 | .. | 21.3 | 20.2 | 19.5 | 22.7 | 90 | .. | 5.2 | .. | 2.1 | 0 | 0 | 15 | 02 | 7 | 5 | 0 | 0 | 1 | 0 | 0 | 15 | 0 |
| Tangla | 0830 | 78 | 1009.2 | 1000.3 | +0.1 | 24.6 | 21.3 | 19.5 | 22.7 | 75 | + 8 | 2.4 | -0.7 | 1.8 | 0 | 0 | 19 | 00 | 0 | 0 | 14 | 0 | 5 | 0 | 0 | 11 | 0 |
| | 1730 | 78 | 1003.7 | 994.9 | +1.3 | 28.2 | 24.4 | 22.6 | 27.4 | 73 | +10 | 1.9 | -1.1 | 0.6 | 0 | 0 | 7 | 00 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 23 | 0 |
| Tezpur | 0830 | 79 | 1009.9 | 1000.8 | -0.8 | 23.4 | 20.2 | 18.3 | 21.0 | 74 | + 3 | 3.9 | +0.0 | 7.1 | 0 | 0 | 29 | 03 | 18 | 5 | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 79 | 1004.6 | 995.8 | -0.8 | 27.8 | 21.9 | 18.6 | 21.4 | 68 | - 1 | 3.4 | +0.0 | 3.5 | 0 | 0 | 25 | 00 | 16 | 5 | 1 | 0 | 2 | 1 | 0 | 5 | 0 |
| Golaghat | 0830 | 95 | 1010.0 | 999.1 | +0.3 | 23.4 | 20.5 | 18.9 | 21.8 | 76 | - 1 | 5.0[a] | +0.3 | 0.0[a] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 95 | 1004.7 | 994.1 | -0.7 | 29.3 | 22.6 | 18.9 | 21.8 | 54 | -10 | 3.5[a] | -0.3 | 0.0[a] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Rangia | 0830 | 60 | 1009.9 | 1003.0 | .. | 25.3 | 21.7 | 19.7 | 22.9 | 73 | + 5 | 3.4 | .. | 10.9 | 0 | 2 | 27 | 00 | 11 | 16 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 60 | 1004.8 | 998.1 | .. | 28.2 | 23.4 | 21.0 | 24.9 | 65 | + 8 | 3.0 | .. | 4.3 | 0 | 2 | 15 | 00 | 4 | 12 | 1 | 0 | 0 | 0 | 0 | 13 | 0 |
| Chaparmukh | 0830 | 66 | 1010.0 | 1002.5 | +0.0 | 25.6 | 22.1 | 20.3 | 23.8 | 70 | + 6 | 2.4[b] | -0.1 | 3.8[b] | 0 | 0 | 25 | 01 | 5 | 6 | 5 | 2 | 3 | 1 | 2 | 4 | 0 |
| | 1730 | 66 | 1005.0 | 997.6 | +0.1 | 28.1 | 22.7 | 19.9 | 23.2 | 62 | + 5 | 2.8 | -0.5 | 4.3 | 0 | 1 | 25 | 04 | 14 | 2 | 2 | 0 | 1 | 0 | 3 | 4 | 0 |
| Goalpara | 0830 | 38 | 1007.9 | 1003.5 | -1.2 | 24.2 | 21.0 | 19.2 | 22.2 | 74 | + 2 | 3.2 | +0.2 | 2.4 | 0 | 0 | 28 | 01 | 15 | 2 | 3 | 0 | 5 | 0 | 2 | 2 | 0 |
| | 1730 | 38 | 1002.8 | 998.5 | -1.4 | 31.8 | 23.0 | 18.2 | 20.9 | 48 | - 7 | 1.3 | -1.1 | 2.9 | 0 | 0 | 29 | 00 | 8 | 2 | 4 | 0 | 6 | 1 | 6 | 1 | 0 |
| Gauhati (Borjar) | 0230 | 54 | 1005.6 | 999.3 | .. | 21.7 | 19.7 | 18.5 | 21.3 | 82 | .. | 3.2 | .. | 9.7 | 0 | 1 | 25 | 06 | 11 | 3 | 1 | 0 | 1 | 3 | 1 | 4 | 0 |
| | 0530 | 54 | 1006.9 | 1000.6 | .. | 20.7 | 19.3 | 18.5 | 21.3 | 87 | .. | 3.6 | .. | 6.3 | 0 | 0 | 24 | 03 | 12 | 4 | 0 | 2 | 1 | 1 | 1 | 6 | 0 |
| | 0830 | 54 | 1008.8 | 1002.7 | -0.9 | 25.3 | 21.3 | 19.1 | 22.1 | 69 | + 1 | 3.2 | +0.1 | 8.7 | 0 | 0 | 29 | 08 | 15 | 4 | 0 | 1 | 0 | 1 | 0 | 1 | 0 |
| | 1130 | 54 | 1007.3 | 1001.3 | .. | 29.7 | 22.9 | 19.3 | 22.4 | 55 | .. | 2.5 | .. | 10.6 | 0 | 1 | 29 | 12 | 15 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor)(Contd.) | 1430 | 54 | 1003.9 | 997.9 | .. | 31.7 | 23.3 | 18.9 | 21.8 | 48 | .. | 2.7 | .. | 11.9 | 0 | 4 | 26 | 07 | 11 | 3 | 1 | 0 | 2 | 3 | 3 | 0 | 0 |
| | 1730 | 54 | 1003.3 | 997.2 | -1.6 | 29.3 | 22.6 | 18.9 | 21.8 | 55 | - 2 | 3.5 | +0.3 | 10.3 | 0 | 5 | 24 | 06 | 15 | 1 | 0 | 1 | 3 | 3 | 0 | 1 | 0 |
| | 2030 | 54 | 1005.5 | 999.4 | .. | 25.7 | 21.8 | 19.7 | 22.9 | 70 | .. | 2.4 | .. | 8.6 | 0 | 3 | 20 | 00 | 13 | 5 | 1 | 0 | 3 | 1 | 0 | 7 | 0 |
| | 2330 | 54 | 1006.0 | 999.8 | .. | 23.4 | 20.8 | 19.3 | 22.4 | 79 | .. | 3.3 | .. | 9.7 | 0 | 1 | 24 | 01 | 15 | 2 | 0 | 3 | 3 | 0 | 1 | 5 | 0 |
| Dhubri (Bupsi) | 0530 | 45 | 1006.5 | 1001.3 | .. | 22.6 | 20.0 | 18.5 | 21.3 | 78 | .. | 4.4 | .. | 6.8 | 0 | 0 | 27 | 01 | 14 | 10 | 0 | 0 | 1 | 1 | 0 | 3 | 0 |
| | 0830 | 45 | 1008.2 | 1003.1 | -0.4 | 27.9 | 22.0 | 18.7 | 21.6 | 58 | - 2 | 3.8 | +0.5 | 9.3 | 0 | 0 | 30 | 00 | 7 | 15 | 2 | 4 | 2 | 0 | 0 | 0 | 0 |
| | 1130 | 45 | 1006.6 | 1001.6 | .. | 32.5 | 23.1 | 18.0 | 20.6 | 44 | .. | 2.7 | .. | 9.3 | 0 | 1 | 29 | 00 | 5 | 11 | 2 | 5 | 7 | 0 | 0 | 0 | 0 |
| | 1730 | 45 | 1002.3 | 997.3 | -1.1 | 32.0 | 22.6 | 17.3 | 19.7 | 44 | - 3 | 1.3 | -0.9 | 7.0 | 0 | 1 | 28 | 01 | 5 | 7 | 1 | 1 | 5 | 8 | 1 | 1 | 0 |
| Dhubri | 0830 | 35 | 1009.0 | 1005.1 | -0.6 | 26.9 | 22.4 | 20.0 | 23.4 | 66 | - 6 | 2.4 | -1.0 | 12.9 | 0 | 6 | 23 | 01 | 23 | 2 | 1 | 0 | 2 | 0 | 0 | 1 | 0 |
| | 1730 | 35 | 1003.5 | 999.6 | -1.1 | 31.2 | 22.6 | 17.8 | 20.4 | 49 | - 8 | 0.1 | -2.2 | 3.1 | 0 | 0 | 13 | 00 | 9 | 2 | 0 | 0 | 2 | 0 | 0 | 17 | 0 |
| Lumding | 0830 | 149 | 1009.3 | 992.5 | .. | 25.1 | 21.0 | 18.7 | 21.6 | 68 | + 0 | 2.4 | .. | 3.1 | 0 | 0 | 28 | 00 | 0 | 15 | 1 | 1 | 2 | 1 | 0 | 10 | 0 |
| | 1730 | 149 | 1003.7 | 987.2 | .. | 30.0 | 23.0 | 19.3 | 22.4 | 54 | .. | 4.2 | .. | 3.5 | 0 | 0 | 26 | 02 | 0 | 5 | 1 | 5 | 8 | 0 | 5 | 4 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1008.5 | 967.4 | -1.0 | 27.1 | 21.7 | 18.7 | 21.6 | 63 | - 6 | 3.7 | +0.5 | 5.5 | 0 | 0 | 28 | 02 | 1 | 4 | 8 | 6 | 0 | 3 | 4 | 2 | 0 |
| | 1730 | 370 | 1003.3 | 963.0 | -1.6 | 31.3 | 23.6 | 19.7 | 22.9 | 53 | - 6 | 3.7 | +1.0 | 6.6 | 0 | 0 | 30 | 00 | 1 | 4 | 8 | 9 | 3 | 5 | 0 | 0 | 0 |
| Haflong | 0830 | 682 | 1012.1 | 936.7 | +2.6 | 22.9 | 18.6 | 16.1 | 18.3 | 67 | - 2 | 3.3 | +0.1 | 6.6 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 4 | 24 | 0 | 0 | 2 | 0 |
| | 1730 | 682 | 1007.0 | 932.3 | +2.0 | 24.7 | 20.4 | 18.1 | 20.8 | 67 | + 6 | 4.0 | +0.2 | 4.1 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 1 | 20 | 0 | 0 | 8 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1007.1 | 996.0 | .. | 21.4 | 19.8 | 18.9 | 21.8 | 85 | .. | 3.5 | .. | 7.8 | 0 | 0 | 29 | 00 | 2 | 26 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 0830 | 97 | 1008.6 | 997.7 | -0.6 | 25.9 | 21.6 | 19.3 | 22.4 | 67 | - 2 | 2.6 | -0.7 | 9.1 | 0 | 0 | 30 | 00 | 2 | 26 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| | 1130 | 97 | 1007.1 | 996.3 | .. | 30.1 | 22.6 | 18.5 | 21.3 | 50 | .. | 2.4 | .. | 8.9 | 0 | 1 | 29 | 01 | 3 | 4 | 4 | 5 | 4 | 6 | 2 | 0 | 1 |
| | 1730 | 97 | 1003.5 | 992.7 | -0.9 | 29.2 | 23.1 | 19.9 | 23.2 | 59 | - 2 | 1.2 | -2.1 | 5.5 | 0 | 0 | 22 | 02 | 4 | 6 | 2 | 0 | 1 | 3 | 4 | 8 | 0 |
| Silchar | 0830 | 29 | 1010.7 | 1007.3 | -0.3 | 26.5 | 22.6 | 20.5 | 24.1 | 70 | - 4 | 2.0 | -1.1 | 1.2 | 0 | 0 | 18 | 02 | 5 | 5 | 4 | 0 | 0 | 1 | 1 | 12 | 0 |
| | 1730 | 29 | 1005.5 | 1002.2 | -0.4 | 29.4 | 24.1 | 21.5 | 25.6 | 63 | - 1 | 4.3 | +0.7 | 0.9 | 0 | 0 | 14 | 03 | 3 | 2 | 0 | 1 | 0 | 2 | 3 | 16 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1010.3 | 923.0 | .. | 17.3 | 15.8 | 14.9 | 16.9 | 86 | .. | 4.1 | .. | 2.7 | 0 | 0 | 11 | 02 | 2 | 1 | 3 | 1 | 1 | 0 | 1 | 19 | 0 |
| | 0830 | 781 | 1010.0 | 924.5 | -0.7 | 23.4 | 18.5 | 15.6 | 17.7 | 62 | - 1 | 3.3 | +0.0 | 5.1 | 0 | 1 | 15 | 02 | 0 | 4 | 2 | 5 | 2 | 0 | 1 | 14 | 0 |
| | 1130 | 781 | 1006.9 | 923.0 | .. | 28.2 | 19.9 | 15.1 | 17.1 | 46 | .. | 3.4 | .. | 13.3 | 0 | 5 | 24 | 02 | 0 | 0 | 1 | 6 | 4 | 7 | 9 | 1 | 0 |
| | 1430 | 781 | 1003.7 | 920.3 | .. | 28.8 | 19.8 | 13.8 | 15.9 | 38 | .. | 3.1 | .. | 15.8 | 0 | 7 | 22 | 01 | 1 | 1 | 0 | 0 | 3 | 10 | 13 | 1 | 0 |
| | 1730 | 781 | 1005.0 | 920.3 | +0.9 | 25.4 | 19.0 | 15.2 | 16.8 | 54 | + 4 | 4.1 | +0.8 | 11.8 | 0 | 2 | 27 | 01 | 1 | 0 | 1 | 2 | 1 | 8 | 15 | 1 | 0 |
| | 2030 | 781 | 1008.4 | 922.5 | .. | 21.7 | 18.1 | 16.0 | 18.2 | 71 | .. | 4.3 | .. | 8.1 | 0 | 2 | 18 | 01 | 0 | 1 | 2 | 4 | 2 | 2 | 0 | 10 | 0 |
| | 2330 | 781 | 1008.9 | 922.4 | .. | 19.6 | 17.0 | 15.4 | 17.5 | 78 | .. | 4.8 | .. | 5.7 | 0 | 0 | 18 | 01 | 1 | 1 | 2 | 3 | 5 | 1 | 4 | 12 | 0 |
| Kailashahar | 0530 | 29 | 1008.2 | 1005.0 | .. | 22.2 | 21.2 | 20.7 | 24.4 | 90 | .. | 3.7 | .. | 3.1 | 0 | 0 | 25 | 00 | 3 | 2 | 2 | 6 | 9 | 0 | 2 | 5 | 1 |
| | 0830 | 29 | 1010.0 | 1006.7 | -0.5 | 27.7 | 23.9 | 22.1 | 26.6 | 71 | + 0 | 2.8 | -0.6 | 6.1 | 0 | 0 | 28 | 03 | 1 | 4 | 1 | 6 | 10 | 0 | 1 | 2 | 2 |
| | 1130 | 29 | 1008.5 | 1005.3 | .. | 32.4 | 25.1 | 21.7 | 25.9 | 53 | .. | 3.7 | .. | 6.2 | 0 | 0 | 30 | 03 | 0 | 0 | 0 | 5 | 16 | 2 | 3 | 0 | 1 |
| | 1730 | 29 | 1004.9 | 1001.7 | -0.7 | 29.9 | 24.3 | 21.6 | 25.8 | 62 | + 1 | 4.5 | +0.6 | 5.7 | 0 | 1 | 24 | 02 | 6 | 5 | 0 | 2 | 7 | 1 | 1 | 5 | 1 |
| Agartala | 0230 | 16 | 1005.6 | 1003.8 | .. | 24.6 | 22.7 | 21.7 | 25.9 | 84 | .. | 3.2 | .. | 9.9 | 0 | 1 | 22 | 02 | 1 | 2 | 2 | 16 | 0 | 0 | 0 | 7 | 0 |
| | 0530 | 16 | 1006.6 | 1004.8 | .. | 24.1 | 22.6 | 21.9 | 26.3 | 87 | .. | 3.9 | .. | 10.5 | 0 | 2 | 25 | 01 | 1 | 0 | 15 | 10 | 0 | 0 | 0 | 3 | 0 |
| | 0830 | 16 | 1008.2 | 1006.4 | -0.8 | 29.8 | 24.5 | 22.0 | 26.4 | 64 | - 7 | 3.7 | -0.2 | 12.5 | 0 | 2 | 26 | 00 | 0 | 1 | 7 | 19 | 1 | 0 | 0 | 2 | 0 |
| | 1130 | 16 | 1007.1 | 1005.3 | .. | 34.2 | 25.0 | 20.5 | 24.1 | 46 | .. | 3.9 | .. | 16.2 | 0 | 5 | 25 | 00 | 0 | 0 | 2 | 22 | 5 | 0 | 1 | 0 | 0 |
| | 1430 | 16 | 1004.0 | 1002.2 | .. | 35.8 | 24.8 | 19.2 | 22.2 | 39 | .. | 4.1 | .. | 16.5 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 15 | 11 | 2 | 2 | 0 | 0 |
| | 1730 | 16 | 1003.7 | 1001.9 | -0.8 | 31.0 | 24.1 | 20.7 | 24.4 | 55 | - 4 | 4.8 | +1.0 | 19.9 | 0 | 12 | 17 | 01 | 0 | 3 | 1 | 20 | 3 | 0 | 1 | 1 | 0 |
| | 2030 | 16 | 1006.1 | 1004.3 | .. | 27.2 | 23.4 | 21.5 | 25.6 | 72 | .. | 4.0 | .. | 16.3 | 1 | 4 | 22 | 00 | 0 | 1 | 5 | 17 | 3 | 1 | 0 | 3 | 0 |
| | 2330 | 16 | 1006.1 | 1004.3 | .. | 25.9 | 23.3 | 22.0 | 26.4 | 80 | .. | 2.9 | .. | 11.6 | 0 | 1 | 25 | 00 | 1 | 1 | 9 | 15 | 0 | 0 | 0 | 4 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1005.3 | 990.3 | .. | 21.4 | 18.5 | 16.7 | 19.0 | 75 | .. | 1.4 | .. | 7.1 | 0 | 1 | 19 | 05 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 0530 | 131 | 1006.4 | 991.4 | .. | 21.5 | 18.1 | 15.9 | 18.1 | 70 | .. | 2.1 | .. | 9.5 | 0 | 1 | 23 | 01 | 20 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 0830 | 131 | 1008.2 | 993.4 | -0.4 | 27.8 | 20.1 | 15.2 | 17.3 | 47 | -11 | 2.4 | -0.4 | 16.4 | 0 | 8 | 21 | 00 | 12 | 15 | 0 | 1 | 1 | 0 | 0 | 1 | 0 |
| | 1130 | 131 | 1007.1 | 992.5 | .. | 31.7 | 21.7 | 15.7 | 17.0 | 39 | .. | 2.1 | .. | 15.7 | 0 | 6 | 24 | 00 | 7 | 19 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| | 1430 | 131 | 1003.5 | 989.1 | .. | 33.8 | 22.0 | 14.8 | 16.8 | 33 | .. | 2.7 | .. | 12.9 | 0 | 2 | 26 | 01 | 6 | 11 | 0 | 4 | 5 | 1 | 0 | 2 | 0 |
| | 1730 | 131 | 1002.5 | 988.0 | -1.9 | 31.6 | 21.4 | 15.1 | 17.1 | 38 | -11 | 2.4 | -0.2 | 13.7 | 0 | 4 | 22 | 02 | 15 | 3 | 0 | 0 | 5 | 1 | 0 | 4 | 0 |
| | 2030 | 131 | 1004.7 | 989.9 | .. | 25.9 | 20.4 | 17.1 | 19.5 | 60 | .. | 2.0 | .. | 8.4 | 0 | 2 | 21 | 06 | 10 | 3 | 0 | 1 | 0 | 1 | 2 | 7 | 0 |
| | 2330 | 131 | 1005.6 | 990.6 | .. | 23.0 | 19.2 | 16.8 | 19.1 | 69 | .. | 1.5 | .. | 5.9 | 0 | 0 | 18 | 05 | 6 | 3 | 0 | 0 | 0 | 3 | 1 | 12 | 0 |
| Jalpaiguri | 0830 | 83 | 1007.8 | 998.5 | -1.3 | 25.1 | 20.5 | 17.8 | 20.4 | 64 | - 4 | 1.6 | -1.3 | 11.1 | 0 | 7 | 23 | 04 | 7 | 15 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 83 | 1002.1 | 993.0 | -1.8 | 31.7 | 23.1 | 18.5 | 21.3 | 47 | - 3 | 0.9 | -1.2 | 7.5 | 0 | 0 | 30 | 06 | 13 | 5 | 1 | 0 | 2 | 3 | 0 | 0 | 0 |
| Cooch Behar | 0830 | 43 | 1008.5 | 1003.7 | +0.0 | 27.0 | 21.5 | 18.4 | 21.1 | 60 | - 4 | 3.0 | -0.5 | 15.5 | 0 | 11 | 17 | 02 | 6 | 17 | 1 | 2 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 43 | 1007.2 | 1002.5 | .. | 31.5 | 23.0 | 18.3 | 21.0 | 48 | .. | 2.5 | .. | 17.1 | 0 | 15 | 14 | 01 | 4 | 14 | 4 | 4 | 0 | 1 | 1 | 1 | 0 |
| | 1730 | 43 | 1002.7 | 998.0 | -0.7 | 31.4 | 22.5 | 17.5 | 20.0 | 45 | -10 | 1.7 | -0.5 | 10.0 | 0 | 5 | 20 | 05 | 8 | 5 | 1 | 1 | 1 | 3 | 1 | 5 | 0 |
| Balurghat | 0830 | 26 | 1006.6 | 1003.8 | .. | 31.0 | 22.9 | 18.5 | 21.3 | 49 | .. | 1.4 | .. | 4.1 | 0 | 0 | 30 | 00 | 1 | 8 | 10 | 1 | 4 | 3 | 3 | 0 | 0 |
| | 1730 | 26 | 1001.7 | 998.9 | .. | 35.3 | 21.7 | 12.9 | 14.9 | 27 | .. | 1.6 | .. | 2.5 | 0 | 0 | 20 | 01 | 0 | 1 | 1 | 1 | 7 | 8 | 1 | 10 | 0 |
| Malda | 0830 | 31 | 1007.1 | 1003.6 | -1.2 | 29.7 | 20.1 | 19.7 | 22.9 | 57 | + 1 | 1.6 | -1.2 | 2.6 | 0 | 0 | 23 | 00 | 1 | 1 | 4 | 4 | 8 | 4 | 1 | 7 | 0 |
| | 1730 | 31 | 1001.7 | 998.3 | -1.7 | 36.2 | 24.0 | 17.4 | 19.9 | 36 | - 1 | 2.2 | +0.6 | 2.5 | 0 | 0 | 24 | 00 | 1 | 1 | 0 | 2 | 0 | 8 | 12 | 6 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of pt. in gm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1007.0 | 1004.8 | -1.4 | 30.2 | 24.1 | 21.1 | 25.0 | 60 | - 1 | 1.7 | -1.4 | 3.6 | 0 | 0 | 26 | 01 | 1 | 1 | 0 | 15 | 1 | 7 | 0 | 4 | 0 |
| | 1730 | 19 | 1001.7 | 999.6 | -1.5 | 35.8 | 22.6 | 14.6 | 16.6 | 29 | - 8 | 2.4 | -0.3 | 1.2 | 0 | 0 | 12 | 00 | 0 | 1 | 0 | 5 | 1 | 5 | 0 | 18 | 0 |
| Suri | 0830 | | .. | .. | .. | 32.0 | 22.7 | 17.5 | 20.0 | 42 | - 1 | 0.6 | -1.9 | 5.8 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 15 | 6 | 5 | 2 | 0 | 0 |
| Asansol | 0230 | 126 | 1004.7 | 990.5 | .. | 26.8 | 20.9 | 17.4 | 19.9 | 57 | .. | 1.2 | .. | 5.9 | 0 | 0 | 20 | 00 | 1 | 1 | 0 | 7 | 7 | 4 | 0 | 10 | 0 |
| | 0530 | 126 | 1005.6 | 991.3 | .. | 25.1 | 20.2 | 17.3 | 19.7 | 63 | .. | 1.7 | .. | 2.5 | 0 | 0 | 17 | 00 | 0 | 0 | 4 | 2 | 4 | 5 | 2 | 13 | 0 |
| | 0830 | 126 | 1007.2 | 993.2 | -0.6 | 32.5 | 21.6 | 14.9 | 16.9 | 36 | -12 | 1.3 | -0.8 | 5.9 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 6 | 5 | 12 | 6 | 1 | 0 |
| | 1130 | 126 | 1006.0 | 992.3 | .. | 38.9 | 21.5 | 9.0 | 11.5 | 17 | .. | 1.6 | .. | 7.1 | 0 | 0 | 28 | 02 | 1 | 1 | 1 | 2 | 5 | 7 | 9 | 2 | 0 |
| | 1430 | 126 | 1002.6 | 989.1 | .. | 40.8 | 21.5 | 6.9 | 9.9 | 13 | .. | 2.8 | .. | 7.9 | 0 | 0 | 30 | 01 | 1 | 2 | 1 | 1 | 7 | 11 | 6 | 0 | 0 |
| | 1730 | 126 | 1002.1 | 988.4 | -0.6 | 37.4 | 21.1 | 9.3 | 11.7 | 19 | - 9 | 3.5 | +0.7 | 6.1 | 0 | 1 | 26 | 02 | 2 | 1 | 2 | 5 | 3 | 4 | 8 | 3 | 0 |
| | 2030 | 126 | 1004.5 | 990.6 | .. | 31.3 | 20.5 | 13.2 | 15.3 | 34 | .. | 1.6 | .. | 4.7 | 0 | 0 | 19 | 01 | 0 | 1 | 3 | 4 | 5 | 2 | 3 | 11 | 0 |
| | 2330 | 126 | 1005.1 | 991.1 | .. | 29.3 | 21.5 | 16.9 | 19.3 | 48 | .. | 1.3 | .. | 6.9 | 0 | 0 | 23 | 00 | 0 | 0 | 2 | 11 | 6 | 4 | 0 | 7 | 0 |
| Shanti Niketan | 0830 | 59 | 1007.3 | 1000.8 | .. | 30.8 | 23.5 | 19.7 | 22.9 | 53 | .. | 1.4 | .. | 5.9 | 0 | 0 | 28 | 00 | 1 | 0 | 1 | 7 | 11 | 6 | 2 | 2 | 0 |
| | 1130 | 59 | 1006.6 | 1000.1 | .. | 37.9 | 22.0 | 11.4 | 13.5 | 23 | .. | 1.4 | .. | 4.5 | 0 | 0 | 28 | 02 | 1 | 1 | 1 | 4 | 7 | 7 | 5 | 2 | 0 |
| | 1730 | 59 | 1002.2 | 995.8 | .. | 37.4 | 21.3 | 9.9 | 12.2 | 20 | .. | 3.1 | .. | 5.5 | 0 | 0 | 27 | 00 | 4 | 1 | 0 | 4 | 7 | 8 | 3 | 3 | 0 |
| Krishnanagar | 0830 | 15 | 1007.5 | 1005.9 | -1.0 | 31.0 | 25.0 | 22.2 | 26.7 | 60 | - 6 | 1.2 | -1.7 | 3.3 | 0 | 0 | 21 | 00 | 0 | 0 | 1 | 13 | 5 | 2 | 0 | 9 | 0 |
| | 1730 | 15 | 1004.1 | 1002.5 | +0.3 | 35.5 | 25.9 | 21.4 | 25.5 | 46 | + 3 | 1.5 | -1.4 | 2.2 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 0 |
| Purulia | 0830 | 255 | 1007.5 | 979.5 | -0.6 | 31.1 | 21.7 | 16.1 | 18.3 | 42 | + 4 | 1.5 | -0.2 | 6.1 | 0 | 0 | 29 | 01 | 0 | 1 | 1 | 9 | 1 | 11 | 5 | 1 | 0 |
| | 1730 | 255 | 1002.1 | 974.8 | -0.6 | 37.3 | 23.0 | 14.4 | 16.4 | 27 | + 3 | 4.4 | +1.5 | 6.0 | 0 | 0 | 28 | 04 | 1 | 1 | 2 | 2 | 6 | 5 | 7 | 2 | 0 |
| Bankura | 0830 | 100 | 1007.1 | 996.0 | .. | 30.6 | 24.3 | 21.3 | 25.3 | 58 | .. | 0.5[b] | .. | 2.1[b] | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 7 | 2 | 4 | 0 | 10 | 6 |
| | 1730 | 100 | 1002.4 | 991.7 | .. | 37.6 | 25.0 | 18.5 | 21.3 | 36 | .. | 2.5 | .. | 1.3 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 20 | 9 |
| Burdwan | 0830 | 32 | 1007.5 | 1003.9 | -0.7 | 30.1 | 25.8 | 23.9 | 29.7 | 68 | + 1 | 0.4 | -1.8 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 32 | 1002.7 | 998.8 | -1.2 | 35.9 | 27.3 | 23.7 | 29.7 | 48 | + 8 | 1.8 | -0.6 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barrackpore Aerodrome | 0530 | 7 | 1006.2 | 1005.4 | .. | 25.3 | 23.6 | 22.8 | 27.7 | 86 | .. | 3.6 | .. | 7.0 | 0 | 0 | 26 | 00 | 0 | 0 | 3 | 9 | 12 | 1 | 1 | 4 | 0 |
| | 0830 | 7 | 1007.9 | 1007.1 | .. | 30.0 | 24.9 | 22.5 | 27.3 | 65 | .. | 2.4 | .. | 11.1 | 0 | 3 | 27 | 00 | 0 | 1 | 1 | 8 | 15 | 4 | 1 | 0 | 0 |
| | 1130 | 7 | 1007.3 | 1006.6 | .. | 35.4 | 25.5 | 20.7 | 24.4 | 45 | .. | 1.9 | .. | 9.1 | 0 | 2 | 28 | 00 | 0 | 0 | 1 | 12 | 12 | 4 | 1 | 0 | 0 |
| | 1730 | 7 | 1003.8 | 1003.1 | .. | 33.0 | 25.4 | 21.9 | 26.3 | 52 | .. | 2.9 | .. | 14.1 | 0 | 7 | 21 | 00 | 0 | 1 | 0 | 13 | 12 | 1 | 1 | 2 | 0 |
| | 2330 | 7 | 1006.5 | 1005.7 | .. | 27.3 | 24.1 | 22.6 | 27.4 | 77 | .. | 2.8 | .. | 10.9 | 0 | 1 | 27 | 00 | 0 | 0 | 3 | 14 | 9 | 0 | 2 | 2 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1004.7 | 1004.0 | .. | 26.5 | 23.9 | 22.7 | 27.6 | 80 | .. | 2.5 | .. | 8.1 | 0 | 0 | 30 | 00 | 0 | 2 | 1 | 16 | 7 | 3 | 1 | 0 | 0 |
| | 0530 | 6 | 1005.5 | 1004.8 | .. | 25.7 | 23.7 | 22.7 | 27.6 | 84 | .. | 3.9 | .. | 7.4 | 0 | 1 | 25 | 00 | 0 | 1 | 3 | 9 | 10 | 0 | 3 | 4 | 0 |
| | 0830 | 6 | 1007.4 | 1006.7 | -1.3 | 30.2 | 25.2 | 22.9 | 27.9 | 65 | - 5 | 2.6 | -0.5 | 9.7 | 0 | 0 | 29 | 00 | 0 | 0 | 4 | 6 | 16 | 1 | 2 | 1 | 0 |
| | 1130 | 6 | 1006.6 | 1005.9 | .. | 35.2 | 25.5 | 20.9 | 24.7 | 44 | .. | 2.1 | .. | 9.7 | 0 | 1 | 29 | 00 | 0 | 0 | 1 | 6 | 17 | 3 | 3 | 0 | 0 |
| | 1430 | 6 | 1003.8 | 1003.1 | .. | 36.6 | 25.5 | 20.1 | 23.5 | 39 | .. | 2.5 | .. | 9.7 | 0 | 1 | 28 | 00 | 0 | 0 | 3 | 11 | 8 | 2 | 5 | 1 | 0 |
| | 1730 | 6 | 1003.2 | 1002.5 | -1.2 | 33.2 | 24.9 | 20.9 | 24.7 | 49 | - 6 | 2.7 | -0.4 | 12.4 | 0 | 3 | 27 | 00 | 0 | 0 | 2 | 15 | 10 | 3 | 0 | 0 | 0 |
| | 2030 | 6 | 1005.6 | 1004.9 | .. | 28.7 | 24.9 | 23.2 | 28.4 | 73 | .. | 2.1 | .. | 12.8 | 0 | 3 | 27 | 00 | 0 | 0 | 4 | 19 | 4 | 1 | 2 | 0 | 0 |
| | 2330 | 6 | 1006.0 | 1005.3 | .. | 27.3 | 24.5 | 23.2 | 28.4 | 79 | .. | 3.2 | .. | 13.7 | 1 | 1 | 27 | 01 | 0 | 1 | 3 | 15 | 7 | 1 | 1 | 1 | 0 |
| Calcutta | 0830 | 6 | 1007.7 | 1007.0 | -0.9 | 31.0 | 25.5 | 23.1 | 28.3 | 63 | - 8 | 2.4 | -0.5 | 10.7 | 0 | 2 | 27 | 00 | 0 | 1 | 2 | 12 | 9 | 4 | 1 | 1 | 0 |
| | 1130 | 6 | 1006.8 | 1006.1 | .. | 35.5 | 26.1 | 21.8 | 26.1 | 45 | .. | 1.8 | .. | 9.4 | 0 | 2 | 27 | 00 | 0 | 0 | 4 | 9 | 6 | 9 | 1 | 1 | 0 |
| | 1730 | 6 | 1003.5 | 1002.8 | -0.9 | 32.9 | 25.3 | 21.7 | 25.9 | 53 | - 3 | 2.8 | -0.2 | 11.7 | 0 | 2 | 26 | 00 | 0 | 0 | 3 | 19 | 5 | 1 | 0 | 2 | 0 |
| Midnapore | 0830 | 45 | 1007.4 | 1002.3 | -1.2 | 29.3 | 24.2 | 21.7 | 25.9 | 64 | + 2 | 1.3 | -0.9 | 2.7 | 0 | 0 | 25 | 00 | 0 | 0 | 2 | 11 | 9 | 1 | 2 | 5 | 0 |
| | 1730 | 45 | 1003.2 | 998.2 | -0.5 | 34.6 | 24.6 | 19.5 | 22.7 | 41 | + 0 | 3.1 | -0.1 | 4.3 | 0 | 0 | 26 | 00 | 0 | 0 | 5 | 13 | 8 | 0 | 0 | 4 | 0 |
| Contai | 0830 | 11 | 1008.0 | 1006.8 | -0.5 | 29.8 | 25.6 | 23.7 | 29.3 | 70 | - 1 | 2.1 | -0.8 | 15.6 | 0 | 8 | 21 | 01 | 0 | 0 | 3 | 11 | 12 | 2 | 0 | 1 | 0 |
| | 1730 | 11 | 1004.3 | 1003.1 | -0.6 | 29.1 | 26.3 | 25.1 | 31.9 | 79 | + 3 | 2.9 | -0.3 | 18.4 | 0 | 12 | 18 | 00 | 0 | 0 | 4 | 17 | 9 | 0 | 0 | 0 | 0 |
| Sagar Island | 0830 | 3 | 1007.7 | 1007.4 | -0.9 | 29.3 | 26.5 | 25.3 | 32.2 | 80 | + 5 | 4.1 | +0.2 | 26.2 | 0 | 22 | 8 | 00 | 0 | 0 | 3 | 15 | 11 | 0 | 1 | 0 | 0 |
| | 1730 | 3 | 1004.4 | 1004.1 | -0.5 | 29.1 | 26.8 | 25.9 | 33.4 | 83 | + 3 | 4.6 | +0.8 | 28.7 | 0 | 25 | 5 | 00 | 0 | 0 | 12 | 15 | 3 | 0 | 0 | 0 | 0 |
| Saugheads | 0530 | 10 | 1005.7 | 1004.7 | .. | 27.7 | 26.1 | 25.4 | 32.4 | 88 | .. | 4.2[b] | .. | 21.2[b] | 0 | 15 | 14 | 00 | 0 | 0 | 1 | 3 | 24 | 1 | 0 | 0 | 0 |
| | 0830 | 10 | 1008.2 | 1007.1 | -1.0 | 28.8 | 26.7 | 25.9 | 33.4 | 84 | + 3 | 3.7[b] | +0.8 | 17.7[b] | 0 | 8 | 21 | 00 | 0 | 0 | 1 | 2 | 23 | 3 | 0 | 0 | 0 |
| | 1130 | 10 | 1008.0 | 1006.9 | .. | 29.3 | 26.9 | 25.9 | 33.4 | 83 | .. | 3.4[b] | .. | 19.7[b] | 0 | 15 | 12 | 00 | 0 | 0 | 1 | 1 | 24 | 1 | 0 | 2 | 0 |
| | 1730 | 10 | 1004.5 | 1003.4 | -0.9 | 28.7 | 27.0 | 26.3 | 34.2 | 87 | + 2 | 3.7[b] | +0.8 | 24.3[b] | 0 | 22 | 7 | 00 | 0 | 0 | 1 | 5 | 22 | 1 | 0 | 0 | 0 |
| | 2330 | 10 | 1006.4 | 1005.3 | .. | 27.9 | 26.5 | 25.9 | 33.4 | 89 | .. | 1.2[b] | .. | 24.6[b] | 0 | 19 | 10 | 00 | 0 | 0 | 0 | 3 | 22 | 1 | 3 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1008.5 | 1002.5 | -0.4 | 30.1 | 24.1 | 21.1 | 25.0 | 60 | + 2 | 1.3 | -0.3 | 4.1 | 0 | 0 | 26 | 02 | 2 | 0 | 3 | 8 | 8 | 1 | 0 | 4 | 2 |
| | 1730 | 54 | 1004.4 | 998.4 | -0.4 | 33.2 | 24.3 | 19.8 | 23.1 | 45 | + 1 | 3.7 | +0.8 | 6.8 | 0 | 0 | 29 | 00 | 0 | 1 | 11 | 13 | 4 | 0 | 0 | 1 | 0 |
| Jharsuguda | 0230 | 230 | 1004.7 | 979.1 | .. | 27.5 | 20.0 | 15.2 | 17.3 | 48 | .. | 2.6 | .. | 5.8 | 0 | 0 | 22 | 01 | 4 | 4 | 5 | 5 | 1 | 0 | 2 | 8 | 0 |
| | 0530 | 230 | 1005.1 | 979.9 | .. | 25.8 | 19.6 | 15.6 | 17.7 | 54 | .. | 2.9 | .. | 3.8 | 0 | 0 | 18 | 01 | 3 | 3 | 4 | 4 | 2 | 0 | 1 | 12 | 0 |
| | 0830 | 230 | 1007.6 | 982.2 | -0.6 | 31.1 | 21.5 | 15.7 | 17.8 | 40 | + 5 | 2.5 | +0.7 | 7.6 | 0 | 0 | 23 | 01 | 1 | 3 | 2 | 1 | 8 | 6 | 1 | 7 | 0 |
| | 1130 | 230 | 1006.4 | 981.4 | .. | 36.6 | 22.4 | 13.5 | 15.5 | 26 | .. | 2.5 | .. | 11.6 | 0 | 0 | 29 | 00 | 3 | 1 | 1 | 4 | 3 | 12 | 5 | 1 | 0 |
| | 1430 | 230 | 1002.7 | 978.1 | .. | 39.5 | 22.4 | 11.0 | 13.1 | 19 | .. | 3.1 | .. | 10.6 | 0 | 0 | 28 | 01 | 2 | 0 | 2 | 6 | 6 | 6 | 5 | 2 | 0 |
| | 1730 | 230 | 1001.8 | 976.9 | -0.8 | 37.7 | 21.7 | 10.7 | 12.9 | 20 | + 1 | 4.3 | +1.8 | 10.1 | 0 | 2 | 26 | 00 | 1 | 1 | 2 | 10 | 3 | 9 | 2 | 2 | 0 |
| | 2030 | 230 | 1004.4 | 979.1 | .. | 31.9 | 20.9 | 13.8 | 15.8 | 35 | .. | 3.2 | .. | 8.9 | 0 | 4 | 22 | 00 | 0 | 2 | 3 | 13 | 3 | 2 | 3 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 2330 | 230 | 1005.3 | 979.8 | .. | 29.3 | 20.5 | 14.9 | 16.9 | 43 | .. | 3.5 | .. | 6.9 | 0 | 1 | 18 | 00 | 1 | 5 | 3 | 5 | 2 | 2 | 1 | 11 |
| Keonjhargarh | 0830 | 463 | 1007.1 | 956.9 | -1.4 | 30.2 | 21.7 | 17.3 | 19.7 | 46 | - 6 | 2.4 | +0.5 | 1.6 | 0 | 0 | 20 | 03 | 2 | 4 | 0 | 1 | 1 | 9 | 0 | 10 |
| | 1730 | 463 | 1003.5 | 953.9 | -0.5 | 33.9 | 21.7 | 14.9 | 16.9 | 34 | - 6 | 3.9 | +1.2 | 1.8 | 0 | 0 | 27 | 01 | 0 | 2 | 2 | 6 | 1 | 14 | 1 | 3 |
| Balasore | 0830 | 20 | 1007.8 | 1005.5 | -0.7 | 29.5 | 25.3 | 23.4 | 28.8 | 70 | + 2 | 3.3 | +0.3 | 10.3 | 0 | 0 | 30 | 00 | 2 | 0 | 0 | 10 | 17 | 1 | 0 | 0 |
| | 1730 | 20 | 1003.9 | 1001.7 | -0.4 | 30.7 | 26.2 | 24.3 | 30.4 | 69 | + 1 | 5.4 | +1.2 | 12.6 | 0 | 0 | 30 | 01 | 0 | 0 | 7 | 18 | 3 | 0 | 1 | 0 |
| Sambalpur | 0830 | 148 | 1007.6 | 991.2 | -0.8 | 31.8 | 23.2 | 18.6 | 21.4 | 45 | - 3 | 0.7[b] | -1.2 | 1.7[b] | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 2 | 5 | 3 | 3 | 16 |
| | 1730 | 148 | 1002.6 | 986.5 | -0.5 | 36.6 | 23.6 | 16.3 | 18.5 | 32 | + 5 | 2.0 | -0.7 | 0.7 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 1 | 3 | 0 | 0 | 26 |
| Angul | 0830 | 139 | 1008.0 | 992.6 | -0.8 | 30.0 | 23.9 | 20.9 | 24.7 | 59 | - 2 | 3.3 | +1.0 | 3.2 | 0 | 0 | 27 | 04 | 1 | 9 | 3 | 1 | 0 | 7 | 2 | 3 |
| | 1730 | 139 | 1002.7 | 987.7 | -0.4 | 36.6 | 24.2 | 17.5 | 20.0 | 33 | + 4 | 5.8 | +1.7 | 5.1 | 0 | 0 | 29 | 01 | 2 | 6 | 4 | 8 | 3 | 3 | 2 | 1 |
| Chandbali | 0830 | 6 | 1008.6 | 1007.9 | -0.5 | 29.3 | 25.2 | 23.3 | 28.6 | 71 | + 0 | 3.1 | +0.3 | 7.5 | 0 | 0 | 29 | 00 | 0 | 1 | 3 | 5 | 16 | 1 | 3 | 1 |
| | 1730 | 6 | 1004.5 | 1003.8 | -0.5 | 31.2 | 25.3 | 22.6 | 27.4 | 61 | - 3 | 4.8 | +2.0 | 13.2 | 0 | 3 | 27 | 00 | 1 | 4 | 15 | 6 | 3 | 0 | 1 | 0 |
| Bolangir | 0830 | 190 | 1007.6 | 986.5 | -2.8 | 32.1 | 26.3 | 23.8 | 29.5 | 63 | +14 | 2.8 | +0.5 | 5.5 | 0 | 0 | 26 | 03 | 1 | 0 | 1 | 16 | 5 | 0 | 0 | 4 |
| | 1730 | 190 | 1002.4 | 981.8 | -2.2 | 37.5 | 27.3 | 22.9 | 27.9 | 44 | +11 | 5.1 | +1.8 | 6.1 | 0 | 0 | 30 | 09 | 3 | 3 | 2 | 6 | 1 | 4 | 2 | 0 |
| Phulbani | 0830 | 464 | 1005.7 | 955.2 | .. | 29.7 | 21.4 | 17.1 | 19.5 | 47 | .. | 0.6 | .. | 0.5 | 0 | 0 | 5 | 00 | 1 | 0 | 0 | 0 | 1 | 3 | 0 | 25 |
| | 1730 | 464 | 1000.8 | 951.3 | .. | 34.6 | 21.7 | 14.5 | 16.5 | 31 | .. | 3.9 | .. | 1.5 | 0 | 0 | 13 | 02 | 1 | 0 | 2 | 1 | 4 | 3 | 0 | 17 |
| Cuttack | 0830 | 27 | 1008.4 | 1005.4 | -0.7 | 29.6 | 25.1 | 23.1 | 28.3 | 68 | - 3 | 1.6 | -0.7 | 4.4 | 0 | 0 | 22 | 00 | 0 | 0 | 1 | 5 | 13 | 2 | 1 | 8 |
| | 1730 | 27 | 1004.3 | 1001.3 | -0.2 | 33.1 | 26.0 | 22.8 | 27.7 | 56 | + 6 | 2.7 | -1.3 | 10.6 | 0 | 2 | 27 | 00 | 1 | 0 | 0 | 15 | 13 | 0 | 0 | 1 |
| Titilagarh | 0830 | 211 | 1006.3 | 983.0 | -2.2 | 30.4 | 22.5 | 18.1 | 20.8 | 49 | + 2 | 1.4 | -0.6 | 2.0 | 0 | 0 | 30 | 00 | 1 | 0 | 9 | 0 | 15 | 0 | 5 | 0 |
| | 1730 | 211 | 1001.9 | 979.2 | -1.1 | 37.6 | 24.1 | 16.7 | 19.0 | 29 | + 0 | 2.5 | -0.2 | 2.1 | 0 | 0 | 30 | 01 | 14 | 0 | 4 | 1 | 6 | 0 | 4 | 0 |
| Bhubaneswar | 0230 | 46 | 1006.0 | 1000.8 | .. | 26.5 | 24.6 | 23.8 | 29.5 | 85 | .. | 2.8 | .. | 15.7 | 0 | 9 | 21 | 00 | 1 | 0 | 0 | 11 | 16 | 2 | 0 | 0 |
| | 0530 | 46 | 1006.4 | 1001.2 | .. | 26.0 | 24.1 | 23.3 | 28.6 | 85 | .. | 4.2 | .. | 11.6 | 0 | 4 | 26 | 00 | 0 | 0 | 1 | 8 | 19 | 1 | 1 | 0 |
| | 0830 | 46 | 1008.6 | 1003.5 | -0.3 | 29.9 | 24.9 | 22.6 | 27.4 | 66 | - 2 | 3.2 | +0.2 | 13.5 | 0 | 6 | 24 | 00 | 1 | 1 | 0 | 8 | 19 | 1 | 0 | 0 |
| | 1130 | 46 | 1007.5 | 1002.5 | .. | 35.5 | 25.0 | 19.7 | 22.9 | 41 | .. | 2.6 | .. | 14.7 | 0 | 9 | 20 | 00 | 0 | 0 | 3 | 11 | 15 | 0 | 0 | 1 |
| | 1430 | 46 | 1004.6 | 999.6 | .. | 36.5 | 25.3 | 19.7 | 22.9 | 38 | .. | 3.3 | .. | 17.7 | 0 | 12 | 17 | 00 | 0 | 0 | 0 | 20 | 8 | 1 | 0 | 1 |
| | 1730 | 46 | 1004.8 | 999.7 | -0.1 | 31.4 | 25.4 | 22.7 | 27.6 | 60 | + 3 | 4.9 | +1.2 | 18.8 | 0 | 13 | 17 | 00 | 0 | 0 | 0 | 22 | 8 | 0 | 0 | 0 |
| | 2030 | 46 | 1006.7 | 1001.6 | .. | 28.5 | 25.2 | 23.7 | 29.3 | 76 | .. | 2.4 | .. | 18.0 | 0 | 11 | 19 | 00 | 0 | 1 | 1 | 14 | 14 | 0 | 0 | 0 |
| | 2330 | 46 | 1007.1 | 1002.0 | .. | 27.5 | 25.3 | 24.3 | 30.4 | 82 | .. | 2.5 | .. | 16.2 | 0 | 8 | 22 | 00 | 1 | 1 | 0 | 8 | 18 | 1 | 1 | 0 |
| Puri | 0830 | 6 | 1008.9 | 1008.3 | -0.4 | 28.8 | 26.3 | 25.3 | 32.2 | 81 | + 1 | 3.2 | -0.1 | 12.1 | 0 | 2 | 28 | 01 | 1 | 0 | 1 | 3 | 23 | 1 | 0 | 0 |
| | 1730 | 6 | 1005.2 | 1004.5 | -0.4 | 28.7 | 26.7 | 25.9 | 33.4 | 85 | + 0 | 4.5 | +0.6 | 17.3 | 0 | 9 | 21 | 00 | 0 | 0 | 0 | 12 | 18 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1006.6 | 1004.7 | .. | 25.7 | 24.3 | 23.7 | 29.3 | 88 | .. | 3.8 | .. | 13.9 | 0 | 9 | 17 | 01 | 0 | 0 | 1 | 3 | 18 | 2 | 1 | 4 |
| | 0830 | 17 | 1008.7 | 1006.8 | -0.4 | 27.8 | 25.3 | 24.1 | 30.0 | 81 | + 2 | 2.7 | +0.3 | 15.9 | 0 | 12 | 17 | 02 | 0 | 0 | 0 | 9 | 17 | 0 | 1 | 1 |
| | 1130 | 17 | 1008.4 | 1006.5 | .. | 30.1 | 26.3 | 24.7 | 31.1 | 73 | .. | 2.3 | .. | 18.9 | 0 | 16 | 14 | 00 | 0 | 0 | 1 | 14 | 15 | 0 | 0 | 0 |
| | 1730 | 17 | 1005.4 | 1003.5 | +0.0 | 28.4 | 25.9 | 24.9 | 31.5 | 82 | - 3 | 5.7 | +1.6 | 20.6 | 0 | 16 | 14 | 00 | 0 | 0 | 2 | 8 | 19 | 0 | 1 | 0 |
| | 2330 | 17 | 1007.3 | 1005.4 | .. | 26.8 | 25.4 | 24.8 | 31.3 | 89 | .. | 3.0 | .. | 20.1 | 0 | 17 | 10 | 00 | 0 | 0 | 0 | 6 | 21 | 0 | 0 | 3 |
| Koraput | 0830 | 913 | 1510.5 | 910.5 | -0.2 | 23.7 | 19.2 | 16.7 | 19.0 | 63 | + 0 | 4.6 | +2.5 | 8.1 | 0 | 0 | 30 | 00 | 7 | 5 | 6 | 6 | 4 | 0 | 2 | 0 |
| | 1730 | 913 | 1498.9 | 907.8 | +0.2 | 30.8 | 20.3 | 14.1 | 16.1 | 39 | - 5 | 5.5[b] | +1.1 | 10.1[b] | 0 | 0 | 29 | 02 | 6 | 2 | 1 | 2 | 13 | 2 | 1 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1007.3 | 990.8 | -0.5 | 31.7 | 21.7 | 15.7 | 17.9 | 40 | - 9 | 0.4 | -1.2 | 4.7 | 0 | 0 | 28 | 00 | 0 | 2 | 8 | 4 | 6 | 8 | 0 | 2 |
| | 1730 | 149 | 1001.8 | 985.7 | -1.1 | 36.9 | 21.4 | 10.7 | 12.9 | 21 | -12 | 1.8 | -0.2 | 3.9 | 0 | 0 | 20 | 00 | 1 | 1 | 3 | 3 | 5 | 4 | 3 | 10 |
| Daltonganj | 0830 | 221 | 1006.7 | 982.3 | -1.1 | 31.7 | 20.1 | 11.1 | 14.1 | 30 | - 7 | 0.7 | -0.9 | 0.9 | 0 | 0 | 12 | 01 | 2 | 0 | 1 | 2 | 4 | 1 | 1 | 18 |
| | 1730 | 221 | 1001.7 | 978.0 | -0.6 | 37.5 | 21.1 | 9.2 | 11.6 | 18 | - 2 | 2.3 | -0.3 | 4.3 | 0 | 0 | 29 | 02 | 6 | 0 | 0 | 0 | 1 | 2 | 18 | 1 |
| Hazaribagh | 0830 | 611 | 1006.6 | 940.5 | -0.6 | 30.3 | 17.5 | 7.9 | 10.7 | 26 | - 6 | 1.5 | -0.9 | 9.8 | 0 | 1 | 28 | 03 | 0 | 0 | 0 | 3 | 8 | 6 | 9 | 1 |
| | 1730 | 611 | 1001.6 | 936.7 | -0.6 | 34.1 | 18.0 | 5.3 | 8.9 | 17 | - 5 | 3.7 | +0.7 | 11.5 | 0 | 1 | 27 | 05 | 0 | 0 | 1 | 1 | 4 | 1 | 16 | 2 |
| Dhanbad | 0830 | 257 | 1006.5 | 978.2 | -1.3 | 31.5 | 20.9 | 14.1 | 16.1 | 36 | - 3 | 0.2 | -1.4 | 4.3 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 0 | 7 | 15 | 0 | 4 |
| | 1730 | 257 | 1000.6 | 972.9 | .. | 36.9 | 20.6 | 8.3 | 10.9 | 18 | .. | 1.0 | .. | 2.9 | 0 | 0 | 14 | 02 | 0 | 1 | 0 | 0 | 0 | 10 | 1 | 16 |
| Ranchi | 0830 | 655 | 1005.8 | 933.1 | -3.3 | 20.8 | 14.9 | 10.5 | 12.7 | 52 | +14 | 1.8 | +0.4 | 1.5 | 0 | 0 | 23 | 10 | 2 | 0 | 0 | 0 | 0 | 3 | 8 | 7 |
| | 1730 | 655 | 1001.8 | 931.4 | -1.3 | 29.4 | 20.3 | 15.1 | 17.1 | 43 | +15 | 2.8 | +0.4 | 1.1 | 0 | 0 | 17 | 08 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 13 |
| Ranchi Aerodrome | 0530 | 652 | 1006.1 | 934.4 | .. | 23.4 | 17.0 | 12.7 | 14.7 | 52 | .. | 1.4 | .. | 5.2 | 0 | 0 | 14 | 00 | 0 | 1 | 0 | 1 | 3 | 6 | 3 | 16 |
| | 0830 | 652 | 1006.4 | 936.1 | -0.6 | 29.2 | 19.6 | 13.8 | 15.8 | 40 | + 9 | 1.5 | -0.3 | 10.9 | 0 | 5 | 18 | 02 | 0 | 0 | 1 | 1 | 10 | 7 | 2 | 7 |
| | 1130 | 652 | 1005.1 | 935.7 | .. | 33.7 | 20.5 | 12.5 | 14.5 | 29 | .. | 2.1 | .. | 13.0 | 0 | 6 | 19 | 01 | 3 | 0 | 0 | 0 | 6 | 10 | 5 | 5 |
| | 1430 | 652 | 1001.8 | 933.1 | .. | 35.6 | 20.9 | 11.9 | 13.9 | 24 | .. | 3.8 | .. | 18.5 | 0 | 13 | 13 | 00 | 0 | 1 | 0 | 0 | 3 | 13 | 9 | 4 |
| | 1730 | 652 | 1001.3 | 932.1 | -1.2 | 33.6 | 20.1 | 12.5 | 14.5 | 27 | + 3 | 4.1 | +1.0 | 12.7 | 0 | 6 | 19 | 02 | 2 | 0 | 0 | 3 | 0 | 6 | 12 | 5 |
| | 2030 | 652 | 1004.5 | 934.1 | .. | 29.1 | 19.0 | 12.6 | 14.6 | 38 | .. | 2.6 | .. | 5.2 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 2 | 3 | 4 | 6 | 15 |
| Jamshedpur | 0830 | 129 | 1006.9 | 992.5 | -1.4 | 29.7 | 21.5 | 18.7 | 19.0 | 46 | - 2 | 0.9 | -0.7 | 2.9 | 0 | 0 | 24 | 00 | 1 | 0 | 1 | 0 | 2 | 13 | 7 | 6 |
| | 1730 | 129 | 1001.6 | 987.6 | -1.0 | 37.3 | 21.9 | 11.7 | 13.7 | 22 | - 2 | 3.5 | +0.9 | 3.7 | 0 | 1 | 17 | 02 | 1 | 2 | 2 | 2 | 1 | 4 | 4 | 12 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1005.7 | 989.7 | .. | 24.8 | 20.7 | 18.3 | 21.0 | 68 | .. | 1.5 | .. | 1.7 | 0 | 0 | 9 | 00 | 1 | 1 | 1 | 2 | 1 | 0 | 3 | 21 |
| | 0830 | 142 | 1007.6 | 991.8 | -0.4 | 30.4 | 22.6 | 18.3 | 21.0 | 49 | + 8 | 1.3 | -0.5 | 4.2 | 0 | 0 | 25 | 00 | 1 | 0 | 1 | 3 | 12 | 7 | 1 | 5 |
| | 1130 | 142 | 1006.1 | 990.6 | .. | 36.7 | 23.9 | 16.9 | 19.3 | 32 | .. | 1.5 | .. | 5.1 | 0 | 0 | 25 | 01 | 0 | 0 | 2 | 3 | 5 | 10 | 4 | 5 |
| | 1430 | 142 | 1002.5 | 987.3 | .. | 39.3 | 23.8 | 14.7 | 16.7 | 24 | .. | 3.0 | .. | 6.3 | 0 | 0 | 28 | 00 | 3 | 1 | 1 | 4 | 11 | 3 | 5 | 2 |
| | 1730 | 142 | 1001.9 | 986.5 | -0.5 | 36.8 | 23.4 | 15.7 | 17.8 | 29 | + 8 | 4.0 | +0.8 | 5.7 | 0 | 1 | 22 | 03 | 3 | 3 | 1 | 3 | 2 | 1 | 7 | 7 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) | 2030 | 142 | 1004.7 | 989.0 | .. | 30.9 | 22.5 | 17.8 | 20.4 | 47 | .. | 2.8 | .. | 6.2 | 0 | 1 | 19 | 02 | 3 | 4 | 3 | 2 | 2 | 1 | 3 | 10 | 0 |
| - contd. | 2330 | 142 | 1005.5 | 989.7 | .. | 28.7 | 22.4 | 18.9 | 21.8 | 57 | .. | 2.4 | .. | 2.7 | 0 | 0 | 15 | 00 | 3 | 1 | 4 | 2 | 2 | 2 | 1 | 15 | 0 |
| Chaibasa | 0830 | 226 | 1007.8 | 982.6 | -0.5 | 30.9 | 22.5 | 17.8 | 20.4 | 47 | - 8 | 1.8 | -0.9 | 2.3 | 0 | 0 | 19 | 00 | 1 | 0 | 2 | 0 | 15 | 1 | 0 | 11 | 0 |
| | 1730 | 226 | 1001.8 | 977.3 | -0.7 | 36.5 | 22.2 | 13.1 | 15.1 | 25 | - 6 | 3.2 | -0.8 | 2.5 | 0 | 0 | 18 | 00 | 3 | 0 | 3 | 0 | 7 | 1 | 4 | 12 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1007.2 | 999.7 | -0.5 | 28.2 | 22.0 | 18.6 | 21.4 | 57 | + 5 | 0.9 | -0.4 | 5.3 | 0 | 0 | 29 | 00 | 6 | 6 | 7 | 0 | 4 | 2 | 4 | 1 | 0 |
| | 1730 | 66 | 1003.4 | 996.1 | +0.5 | 34.0 | 27.4 | 24.7 | 31.1 | 61 | +23 | 0.3 | -0.9 | 5.1 | 0 | 2 | 19 | 03 | 0 | 0 | 0 | 0 | 0 | 2 | 16 | 9 | 0 |
| Forbesganj | 0830 | 61 | 1007.2 | 1000.4 | -0.6 | 27.9 | 21.0 | 16.9 | 19.3 | 51 | - 2 | 0.4 | -1.6 | 5.7 | 0 | 0 | 26 | 00 | 0 | 21 | 1 | 0 | 0 | 4 | 0 | 4 | 0 |
| | 1730 | 61 | 1001.4 | 994.8 | -1.2 | 35.3 | 20.9 | 10.9 | 13.0 | 24 | - 6 | 0.5 | -1.5 | 3.0 | 0 | 0 | 22 | 00 | 0 | 4 | 0 | 0 | 0 | 17 | 1 | 8 | 0 |
| Darbhanga | 0830 | 49 | 1008.3 | 1002.9 | +0.4 | 32.0 | 23.3 | 18.7 | 21.6 | 47 | - 6 | 0.1 | -1.4 | 4.1 | 0 | 1 | 21 | 00 | 2 | 7 | 5 | 2 | 0 | 6 | 0 | 8 | 0 |
| | 1730 | 49 | 1003.3 | 998.0 | +0.4 | 36.6 | 23.4 | 15.8 | 17.9 | 31 | - 4 | 0.2 | -1.2 | 3.3 | 0 | 0 | 19 | 00 | 0 | 0 | 1 | 0 | 3 | 12 | 3 | 11 | 0 |
| Chapra | 0830 | 58 | 1006.4 | 999.9 | .. | 30.6 | 20.0 | 12.8 | 14.8 | 35 | .. | 1.0 | .. | 2.3 | 0 | 0 | 30 | 00 | 4 | 0 | 8 | 0 | 13 | 0 | 5 | 0 | 0 |
| | 1730 | 58 | 1002.1 | 995.7 | .. | 37.6 | 22.4 | 12.7 | 14.7 | 21 | .. | 0.9 | .. | 3.5 | 0 | 0 | 30 | 00 | 3 | 1 | 7 | 0 | 10 | 1 | 8 | 0 | 0 |
| Purnea | 0830 | 38 | 1007.3 | 1003.0 | -1.1 | 28.4 | 21.3 | 17.1 | 19.5 | 52 | - 3 | 0.7 | -1.5 | 2.1 | 0 | 0 | 25 | 00 | 2 | 16 | 0 | 0 | 2 | 5 | 0 | 5 | 0 |
| | 1730 | 38 | 1001.7 | 997.5 | -1.6 | 36.0 | 22.9 | 15.1 | 17.1 | 30 | - 5 | 1.2 | -0.4 | 2.3 | 0 | 0 | 26 | 01 | 0 | 2 | 0 | 0 | 2 | 20 | 1 | 4 | 0 |
| Patna | 0830 | 53 | 1006.7 | 1000.8 | -1.0 | 29.8 | 19.5 | 12.3 | 14.3 | 35 | - 6 | 1.7 | +0.3 | 6.4 | 0 | 0 | 30 | 00 | 9 | 3 | 0 | 1 | 5 | 10 | 2 | 0 | 0 |
| | 1730 | 53 | 1001.9 | 996.1 | -1.1 | 37.0 | 21.0 | 9.4 | 11.8 | 19 | - 5 | 1.9 | +0.4 | 7.1 | 0 | 0 | 27 | 00 | 1 | 0 | 0 | 1 | 1 | 15 | 9 | 3 | 0 |
| Patna Aerodrome | 0530 | 60 | 1004.8 | 997.9 | .. | 23.8 | 17.0 | 11.8 | 13.8 | 48 | .. | 1.2 | .. | 3.2 | 0 | 0 | 19 | 00 | 2 | 5 | 0 | 2 | 5 | 4 | 1 | 11 | 0 |
| | 0830 | 60 | 1006.9 | 1000.2 | -0.2 | 30.6 | 19.7 | 12.1 | 14.1 | 34 | - 4 | 1.7 | +0.4 | 7.7 | 0 | 0 | 29 | 00 | 3 | 6 | 1 | 0 | 7 | 8 | 4 | 1 | 0 |
| | 1130 | 60 | 1006.0 | 999.5 | .. | 36.8 | 21.1 | 9.9 | 12.2 | 21 | .. | 1.9 | .. | 12.3 | 0 | 8 | 22 | 03 | 4 | 3 | 0 | 1 | 2 | 9 | 7 | 0 | 1 |
| | 1430 | 60 | 1002.9 | 996.5 | .. | 39.1 | 21.5 | 8.7 | 11.2 | 16 | .. | 2.1 | .. | 14.5 | 0 | 9 | 21 | 02 | 2 | 0 | 0 | 0 | 2 | 13 | 9 | 0 | 2 |
| | 1730 | 60 | 1001.7 | 995.2 | -0.7 | 37.7 | 20.7 | 8.4 | 11.0 | 16 | - 2 | 1.7 | +0.4 | 11.3 | 0 | 4 | 24 | 00 | 1 | 1 | 0 | 1 | 1 | 11 | 12 | 2 | 1 |
| | 2030 | 60 | 1003.8 | 997.1 | .. | 31.0 | 18.9 | 9.7 | 12.0 | 27 | .. | 0.8 | .. | 2.7 | 0 | 1 | 14 | 01 | 3 | 0 | 0 | 1 | 1 | 7 | 2 | 15 | 0 |
| | 2330 | 60 | 1004.4 | 997.6 | .. | 28.4 | 18.2 | 10.4 | 12.6 | 33 | .. | 1.2 | .. | 4.5 | 0 | 0 | 20 | 02 | 0 | 4 | 1 | 1 | 4 | 5 | 3 | 10 | 0 |
| Bhagalpur | 0530 | 49 | 1005.2 | 999.6 | .. | 25.0 | 19.1 | 15.2 | 17.3 | 56 | .. | 1.9 | .. | 5.3 | 0 | 1 | 25 | 01 | 1 | 8 | 3 | 5 | 6 | 1 | 1 | 4 | 0 |
| | 0830 | 49 | 1007.1 | 1001.6 | -0.8 | 30.8 | 21.9 | 16.7 | 19.0 | 44 | - 3 | 1.2 | -0.3 | 5.2 | 0 | 0 | 30 | 01 | 2 | 6 | 7 | 2 | 6 | 4 | 2 | 0 | 0 |
| | 1130 | 49 | 1006.2 | 1000.9 | .. | 36.7 | 22.9 | 14.6 | 16.6 | 28 | .. | 1.3 | .. | 8.9 | 0 | 4 | 25 | 00 | 4 | 1 | 2 | 0 | 5 | 10 | 7 | 1 | 0 |
| | 1730 | 49 | 1002.0 | 996.7 | -0.8 | 36.0 | 22.2 | 13.5 | 15.5 | 26 | - 5 | 2.1 | +0.7 | 8.3 | 0 | 2 | 26 | 00 | 1 | 2 | 1 | 0 | 2 | 14 | 8 | 2 | 0 |
| | 2330 | 49 | 1004.7 | 999.3 | .. | 29.4 | 20.3 | 14.4 | 16.4 | 41 | .. | 1.6 | .. | 6.2 | 0 | 0 | 23 | 00 | 0 | 8 | 0 | 4 | 10 | 1 | 0 | 7 | 0 |
| Sabaur | 0830 | 37 | 1007.0 | 1002.9 | -0.9 | 29.8 | 22.8 | 19.0 | 22.0 | 54 | + 2 | 1.2 | -0.8 | 6.7 | 0 | 1 | 29 | 03 | 2 | 10 | 1 | 0 | 3 | 6 | 5 | 0 | 0 |
| | 1730 | 37 | 1001.7 | 997.7 | -1.2 | 37.2 | 25.4 | 19.6 | 22.8 | 37 | + 3 | 2.1 | +0.2 | 7.6 | 0 | 1 | 25 | 03 | 0 | 0 | 0 | 0 | 0 | 9 | 14 | 4 | 0 |
| Jamui | 0830 | 82 | .. | .. | .. | 33.4 | 21.0 | 12.8 | 14.8 | 30 | - 9 | 0.0 | -1.5 | 2.2 | 0 | 0 | 28 | 02 | 0 | 5 | 1 | 1 | 0 | 12 | 7 | 2 | 0 |
| | 1730 | 82 | .. | .. | .. | 37.6 | 22.4 | 12.7 | 14.7 | 23 | - 5 | 0.0 | -1.6 | 2.4 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 1 | 0 | 17 | 11 | 0 | 0 |
| Dehri | 0830 | 107 | 1006.3 | 994.5 | -0.8 | 33.3 | 20.3 | 11.1 | 13.2 | 27 | - 4 | 1.8 | +0.6 | 3.8 | 0 | 0 | 30 | 02 | 1 | 1 | 4 | 7 | 5 | 5 | 5 | 0 | 0 |
| | 1730 | 107 | 1001.6 | 990.1 | -0.6 | 38.3 | 21.3 | 9.0 | 11.5 | 17 | - 1 | 2.2 | +0.7 | 5.7 | 0 | 0 | 30 | 03 | 1 | 1 | 0 | 0 | 0 | 21 | 4 | 0 | 0 |
| Gaya | 0230 | 116 | 1004.5 | 991.3 | .. | 25.3 | 18.5 | 13.8 | 15.8 | 50 | .. | 0.6 | .. | 4.5 | 0 | 1 | 25 | 00 | 0 | 1 | 7 | 10 | 8 | 0 | 0 | 4 | 0 |
| | 0530 | 116 | 1005.1 | 991.9 | .. | 24.0 | 17.9 | 13.6 | 15.6 | 53 | .. | 1.4 | .. | 5.1 | 0 | 0 | 29 | 00 | 1 | 2 | 4 | 15 | 7 | 0 | 0 | 1 | 0 |
| | 0830 | 116 | 1007.0 | 994.1 | -0.6 | 32.9 | 22.9 | 17.3 | 19.7 | 41 | +10 | 1.0 | +0.0 | 8.3 | 0 | 0 | 29 | 00 | 0 | 1 | 1 | 6 | 15 | 5 | 1 | 1 | 0 |
| | 1130 | 116 | 1006.4 | 993.7 | .. | 38.3 | 24.8 | 17.7 | 20.2 | 31 | .. | 1.8 | .. | 14.0 | 0 | 10 | 20 | 04 | 0 | 1 | 1 | 0 | 4 | 11 | 9 | 0 | 0 |
| | 1430 | 116 | 1003.2 | 990.7 | .. | 39.8 | 25.7 | 18.6 | 21.4 | 31 | .. | 2.1 | .. | 20.0 | 0 | 15 | 15 | 02 | 2 | 1 | 0 | 0 | 2 | 16 | 7 | 0 | 0 |
| | 1730 | 116 | 1002.2 | 989.5 | -0.7 | 38.1 | 24.7 | 17.6 | 20.1 | 32 | +15 | 2.5 | +0.7 | 15.7 | 0 | 9 | 21 | 04 | 1 | 2 | 1 | 0 | 0 | 10 | 12 | 0 | 0 |
| | 2030 | 116 | 1004.0 | 991.1 | .. | 31.5 | 21.5 | 15.4 | 17.5 | 39 | .. | 1.0 | .. | 6.3 | 0 | 0 | 29 | 04 | 2 | 2 | 2 | 1 | 3 | 9 | 6 | 1 | 0 |
| | 2330 | 116 | 1004.9 | 991.9 | .. | 27.9 | 19.7 | 14.3 | 16.3 | 44 | .. | 1.0 | .. | 5.4 | 0 | 0 | 28 | 02 | 1 | 2 | 5 | 5 | 10 | 3 | 0 | 2 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1006.7 | 992.3 | -0.9 | 28.1 | 19.8 | 13.1 | 15.1 | 39 | - 4 | 1.4 | +0.2 | 9.1 | 0 | 0 | 28 | 00 | 0 | 4 | 6 | 0 | 3 | 6 | 9 | 2 | 0 |
| | 1730 | 124 | 1001.5 | 988.3 | -1.2 | 36.6 | 22.1 | 12.5 | 14.5 | 24 | + 0 | 1.9 | +0.4 | 8.1 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 5 | 12 | 8 | 5 | 0 |
| Nautanwa | 0830 | 99 | 1005.7 | 994.5 | -1.9 | 27.5 | 17.9 | 10.4 | 12.6 | 35 | - 8 | 0.4 | -0.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 1000.6 | 989.8 | -2.2 | 36.3 | 19.5 | 5.1 | 8.8 | 15 | -14 | 0.5 | -0.5 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 1006.4 | 990.4 | -1.0 | 30.0 | 18.2 | 8.7 | 11.2 | 27 | -13 | 0.2 | -1.2 | 3.7 | 0 | 0 | 29 | 03 | 0 | 0 | 0 | 1 | 0 | 16 | 9 | 1 | 0 |
| | 1730 | 142 | 1002.3 | 986.8 | -0.7 | 36.1 | 19.7 | 6.6 | 9.7 | 17 | - 5 | 0.5 | -1.0 | 4.0 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 2 | 1 | 21 | 5 | 1 | 0 |
| Gonda | 0830 | 110 | 1006.5 | 994.3 | -1.0 | 30.9 | 19.6 | 11.5 | 13.6 | 31 | - 8 | 0.4 | -0.9 | 4.2 | 0 | 0 | 28 | 01 | 0 | 7 | 0 | 0 | 0 | 8 | 12 | 2 | 0 |
| | 1730 | 110 | 1002.3 | 990.4 | -0.7 | 37.6 | 21.4 | 9.9 | 12.2 | 20 | - 2 | 0.7 | -0.7 | 4.6 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 15 | 12 | 3 | 0 |
| Lucknow | 0830 | 111 | 1005.9 | 993.3 | -1.6 | 28.9 | 19.4 | 12.8 | 14.8 | 37 | - 2 | 1.5 | +0.4 | 8.9 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 0 | 1 | 11 | 0 | 18 | 0 |
| | 1730 | 111 | 1002.1 | 990.1 | -1.0 | 36.9 | 23.5 | 15.6 | 17.1 | 29 | + 6 | 1.1 | -0.1 | 3.5 | 0 | 0 | 22 | 00 | 0 | 1 | 0 | 0 | 2 | 19 | 0 | 8 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 1004.0 | 989.5 | .. | 24.6 | 15.0 | 6.0 | 9.3 | 31 | .. | 1.0 | .. | 4.1 | 0 | 0 | 21 | 05 | 0 | 0 | 0 | 0 | 2 | 5 | 9 | 9 | 0 |
| | 0530 | 128 | 1004.5 | 989.9 | .. | 21.9 | 14.0 | 6.3 | 9.5 | 37 | .. | 1.0 | .. | 2.6 | 0 | 0 | 17 | 03 | 0 | 1 | 0 | 0 | 1 | 6 | 6 | 13 | 0 |
| | 0830 | 128 | 1006.4 | 992.2 | -0.9 | 29.2 | 17.1 | 6.5 | 9.7 | 24 | - 9 | 1.7 | +0.5 | 7.3 | 0 | 0 | 23 | 05 | 0 | 0 | 1 | 0 | 3 | 4 | 10 | 7 | 0 |
| | 1130 | 128 | 1005.9 | 992.2 | .. | 36.5 | 18.7 | 2.8 | 7.5 | 13 | .. | 1.9 | .. | 12.5 | 0 | 7 | 21 | 01 | 0 | 0 | 2 | 0 | 3 | 6 | 16 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA).

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.) | 1430 | 128 | 1003.6 | 989.6 | .. | 38.5 | 19.4 | 1.2 | 6.7 | 10 | .. | 1.6 | .. | 18.5 | 0 | 12 | 18 | 04 | 0 | 0 | 0 | 1 | 4 | 9 | 12 | 0 | 0 |
| | 1730 | 128 | 1002.1 | 988.2 | -1.0 | 37.2 | 18.8 | 1.9 | 7.0 | 11 | - 7 | 1.7 | +0.0 | 14.3 | 0 | 9 | 20 | 02 | 0 | 0 | 1 | 0 | 3 | 10 | 13 | 1 | 0 |
| | 2030 | 128 | 1004.0 | 989.8 | .. | 30.1 | 17.2 | 5.7 | 9.1 | 22 | .. | 1.0 | .. | 3.8 | 0 | 0 | 22 | 03 | 0 | 0 | 0 | 0 | 3 | 8 | 8 | 8 | 0 |
| | 2330 | 128 | 1004.8 | 990.5 | .. | 26.7 | 15.9 | 5.6 | 9.1 | 26 | .. | 0.7 | .. | 5.1 | 0 | 0 | 24 | 03 | 0 | 0 | 0 | 1 | 2 | 8 | 10 | 6 | 0 |
| Faizabad | 0830 | 102 | 1006.1 | 994.7 | -1.4 | 29.5 | 18.4 | 9.9 | 12.2 | 30 | -11 | 1.7 | +0.2 | 3.5 | 0 | 0 | 27 | 00 | 4 | 0 | 1 | 0 | 3 | 18 | 1 | 3 | 0 |
| | 1730 | 102 | 1001.9 | 990.9 | -1.3 | 36.2 | 20.7 | 9.2 | 11.6 | 20 | - 6 | 1.8 | -0.1 | 5.2 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 5 | 17 | 2 | 6 | 0 |
| Gorakhpur | 0830 | 77 | 1006.4 | 997.8 | +0.3 | 30.6 | 19.8 | 11.9 | 13.9 | 34 | - 9 | 0.6 | -0.7 | 2.3 | 0 | 0 | 26 | 02 | 0 | 10 | 0 | 2 | 0 | 12 | 0 | 4 | 0 |
| | 1730 | 77 | 1001.5 | 992.9 | -1.5 | 37.5 | 21.4 | 9.6 | 11.9 | 20 | - 6 | 0.9 | -0.5 | 3.0 | 0 | 0 | 29 | 02 | 0 | 0 | 0 | 0 | 4 | 23 | 0 | 1 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1003.4 | 994.6 | .. | 27.5 | 17.9 | 11.5 | 13.6 | 38 | .. | 0.6 | .. | 4.8 | 0 | 0 | 27 | 02 | 2 | 1 | 0 | 2 | 3 | 10 | 7 | 3 | 0 |
| | 0530 | 78 | 1004.1 | 995.2 | .. | 25.3 | 16.9 | 11.4 | 13.5 | 42 | .. | 1.1 | .. | 4.6 | 0 | 0 | 29 | 03 | 3 | 2 | 2 | 2 | 5 | 10 | 2 | 1 | 0 |
| | 1130 | 78 | 1005.6 | 997.0 | .. | 35.1 | 20.6 | 12.1 | 14.1 | 20 | .. | 1.5 | .. | 8.3 | 0 | 0 | 30 | 02 | 0 | 1 | 2 | 4 | 6 | 10 | 5 | 0 | 0 |
| | 1430 | 78 | 1002.6 | 994.1 | .. | 37.4 | 20.5 | 10.4 | 12.6 | 20 | .. | 1.6 | .. | 14.6 | 0 | 5 | 25 | 02 | 0 | 0 | 1 | 2 | 5 | 13 | 7 | 0 | 0 |
| | 2030 | 78 | 1003.4 | 994.7 | .. | 32.1 | 19.7 | 12.2 | 14.2 | 31 | .. | 0.3 | .. | 3.9 | 0 | 0 | 22 | 00 | 2 | 0 | 0 | 1 | 7 | 11 | 1 | 8 | 0 |
| | 2330 | 78 | 1004.0 | 995.3 | .. | 29.8 | 19.0 | 12.5 | 14.5 | 36 | .. | 0.6 | .. | 4.3 | 0 | 0 | 24 | 03 | 2 | 0 | 0 | 4 | 3 | 9 | 3 | 6 | 0 |
| Kanpur | 0830 | 126 | 1006.6 | 992.4 | -1.1 | 28.3 | 19.1 | 12.4 | 14.4 | 38 | + 5 | 1.4 | +0.3 | 8.3 | 0 | 0 | 28 | 04 | 0 | 3 | 0 | 1 | 1 | 14 | 5 | 2 | 0 |
| | 1730 | 126 | 1002.9 | 989.3 | -0.5 | 38.1 | 23.9 | 15.3 | 17.4 | 27 | + 6 | 1.8 | +0.3 | 12.4 | 0 | 3 | 27 | 02 | 0 | 0 | 0 | 0 | 3 | 21 | 4 | 0 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 1004.8 | 990.5 | .. | 24.3 | 14.5 | 5.2 | 8.8 | 30 | .. | 1.4 | .. | 7.3 | 0 | 0 | 25 | 07 | 1 | 0 | 1 | 0 | 2 | 7 | 7 | 5 | 0 |
| | 0830 | 126 | 1006.7 | 992.7 | .. | 30.1 | 17.3 | 5.7 | 9.1 | 22 | .. | 1.8 | .. | 9.3 | 0 | 1 | 28 | 07 | 2 | 1 | 2 | 0 | 0 | 10 | 6 | 1 | 1 |
| | 1130 | 126 | 1006.4 | 992.7 | .. | 37.1 | 19.1 | 2.3 | 7.2 | 12 | .. | 1.9 | .. | 13.4 | 0 | 5 | 24 | 04 | 1 | 0 | 0 | 1 | 4 | 7 | 10 | 1 | 2 |
| | 1730 | 126 | 1002.4 | 988.8 | .. | 37.7 | 18.9 | 0.5 | 6.3 | 10 | .. | 2.1 | .. | 14.8 | 0 | 5 | 24 | 03 | 0 | 0 | 0 | 0 | 1 | 7 | 18 | 1 | 0 |
| | 2330 | 126 | 1004.7 | 990.8 | .. | 28.9 | 16.5 | 4.6 | 8.5 | 22 | .. | 0.8 | .. | 9.3 | 0 | 1 | 26 | 06 | 3 | 0 | 0 | 0 | 0 | 7 | 11 | 3 | 0 |
| Sultanpur | 0830 | 97 | 1006.6 | 995.8 | -1.4 | 30.3 | 17.6 | 6.6 | 9.7 | 23 | -13 | 1.2 | -0.2 | 3.0 | 0 | 0 | 23 | 02 | 0 | 0 | 1 | 0 | 4 | 9 | 7 | 7 | 0 |
| | 1730 | 97 | 1002.1 | 991.6 | -1.5 | 38.1 | 19.4 | 2.6 | 7.4 | 11 | -12 | 1.6 | +0.0 | 3.4 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 2 | 13 | 14 | 1 | 0 |
| Azamgarh | 0830 | 78 | 1006.7 | 998.0 | -0.2 | 30.8 | .. | .. | .. | .. | .. | 0.9 | +0.3 | 3.3 | 0 | 0 | 28 | 03 | 0 | 3 | 0 | 0 | 0 | 21 | 1 | 2 | 0 |
| | 1730 | 78 | 1002.0 | 993.6 | -0.6 | 38.1 | .. | .. | .. | .. | .. | 0.8 | +0.1 | 6.7 | 0 | 0 | 30 | 05 | 1 | 0 | 0 | 0 | 1 | 21 | 2 | 0 | 0 |
| Fatehpur | 0830 | 114 | 1007.1 | 994.4 | -0.4 | 30.9 | 18.8 | 9.5 | 11.9 | 27 | -10 | 1.3 | +0.0 | 6.8 | 0 | 1 | 28 | 02 | 5 | 2 | 1 | 1 | 6 | 5 | 7 | 1 | 0 |
| | 1730 | 114 | 1002.4 | 990.0 | -0.8 | 38.2 | 20.9 | 7.9 | 10.7 | 16 | -10 | 1.8 | +0.2 | 12.5 | 0 | 2 | 28 | 03 | 0 | 0 | 0 | 0 | 0 | 9 | 18 | 0 | 0 |
| Ballia | 0830 | 64 | 1007.3 | 1000.3 | -0.2 | 31.8 | 27.7 | 17.6 | 20.1 | 46 | + 5 | 1.2 | -0.2 | 2.1 | 0 | 0 | 21 | 00 | 1 | 4 | 1 | 0 | 0 | 14 | 1 | 9 | 0 |
| | 1730 | 64 | 1002.5 | 995.6 | -1.4 | 38.2 | 23.1 | 13.7 | 15.7 | 24 | + 0 | 0.5 | -0.7 | 0.8 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 0 | 0 | 7 | 1 | 21 | 0 |
| Banda | 0830 | 121 | 1007.8 | 994.4 | -0.3 | 32.2 | 18.8 | 8.0 | 10.7 | 23 | -12 | 1.3 | +0.3 | 1.6 | 0 | 0 | 18 | 00 | 1 | 0 | 1 | 0 | 8 | 1 | 7 | 12 | 0 |
| | 1730 | 121 | 1003.0 | 989.9 | -0.4 | 38.7 | 20.1 | 4.4 | 8.4 | 12 | -11 | 1.2 | -0.1 | 2.2 | 0 | 0 | 24 | 00 | 1 | 0 | 0 | 0 | 19 | 0 | 4 | 6 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1004.2 | 993.2 | .. | 26.0 | 16.6 | 8.6 | 11.2 | 36 | .. | 1.3 | .. | 0.7 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 1 | 2 | 4 | 1 | 21 | 0 |
| | 0530 | 98 | 1004.9 | 993.8 | .. | 24.1 | 15.8 | 8.6 | 11.2 | 38 | .. | 1.8 | .. | 0.6 | 0 | 0 | 8 | 01 | 0 | 0 | 0 | 1 | 3 | 2 | 1 | 22 | 0 |
| | 0830 | 98 | 1007.0 | 996.1 | -0.6 | 31.2 | 18.4 | 8.0 | 10.7 | 24 | - 6 | 1.9 | +0.4 | 0.8 | 0 | 0 | 17 | 00 | 1 | 0 | 1 | 2 | 6 | 5 | 2 | 13 | 0 |
| | 1130 | 98 | 1006.5 | 995.8 | .. | 38.6 | 20.9 | 6.8 | 9.9 | 15 | .. | 2.0 | .. | 4.9 | 0 | 0 | 28 | 01 | 5 | 0 | 0 | 2 | 5 | 12 | 3 | 2 | 0 |
| | 1430 | 98 | 1003.6 | 993.1 | .. | 40.4 | 21.5 | 6.5 | 9.7 | 14 | .. | 2.2 | .. | 6.5 | 0 | 0 | 30 | 04 | 0 | 0 | 0 | 0 | 3 | 18 | 5 | 0 | 0 |
| | 1730 | 98 | 1002.3 | 991.7 | -0.8 | 38.7 | 21.1 | 7.3 | 10.2 | 15 | + 0 | 2.3 | +0.6 | 5.5 | 0 | 0 | 28 | 02 | 0 | 0 | 0 | 0 | 1 | 18 | 7 | 2 | 0 |
| | 2030 | 98 | 1003.9 | 993.1 | .. | 32.2 | 19.4 | 9.8 | 12.1 | 25 | .. | 0.9 | .. | 1.5 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 1 | 0 | 3 | 4 | 21 | 0 |
| | 2330 | 98 | 1004.8 | 993.9 | .. | 29.0 | 17.9 | 9.0 | 11.5 | 29 | .. | 1.0 | .. | 0.9 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 21 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1005.6 | 995.8 | .. | 23.9 | 16.6 | 10.7 | 12.9 | 44 | .. | 1.9 | .. | 5.1 | 0 | 0 | 24 | 01 | 1 | 1 | 0 | 3 | 10 | 6 | 2 | 6 | 0 |
| | 0830 | 85 | 1007.8 | 998.2 | -0.2 | 31.3 | 20.0 | 12.1 | 14.4 | 31 | + 0 | 1.8 | +0.7 | 9.3 | 0 | 0 | 29 | 03 | 0 | 1 | 1 | 2 | 9 | 11 | 2 | 1 | 0 |
| | 1130 | 85 | 1007.0 | 997.6 | .. | 37.7 | 21.5 | 10.2 | 12.4 | 19 | .. | 1.7 | .. | 11.4 | 0 | 1 | 28 | 02 | 0 | 0 | 0 | 1 | 4 | 16 | 5 | 1 | 1 |
| | 1730 | 85 | 1002.9 | 993.5 | -0.6 | 38.1 | 21.7 | 10.2 | 12.4 | 19 | + 2 | 1.6 | +0.1 | 12.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 1 | 21 | 8 | 0 | 0 |
| | 2330 | 85 | 1005.3 | 995.6 | .. | 28.3 | 18.2 | 10.5 | 12.7 | 34 | .. | 0.8 | .. | 3.4 | 0 | 0 | 13 | 00 | 0 | 1 | 0 | 0 | 2 | 8 | 2 | 17 | 0 |
| Varanasi | 0830 | 76 | 1006.1 | 997.7 | -1.2 | 28.5 | 19.9 | 14.6 | 16.6 | 44 | + 8 | 1.4 | +0.1 | 2.0 | 0 | 0 | 27 | 01 | 1 | 2 | 0 | 0 | 4 | 15 | 4 | 3 | 0 |
| | 1730 | 76 | 1001.6 | 993.4 | -1.7 | 38.0 | 23.2 | 14.4 | 16.4 | 25 | + 5 | 1.3 | -0.2 | 1.7 | 0 | 0 | 17 | 03 | 0 | 0 | 0 | 0 | 0 | 12 | 2 | 13 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 17.1 | 9.7 | 2.3 | 7.1 | 38 | [illegible] | 2.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.7 | 9.4 | 5.2 | 5.2 | 39 | [illegible] | 4.0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | | .. | .. | .. | 20.5 | 13.2 | 6.9 | [illegible] | 42 | -12 | 2.0 | +0.1 | 0.6 | 0 | 0 | 6 | 01 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 24 | 0 |
| | 1130 | | .. | .. | .. | 29.1 | 15.6 | 3.5 | 7.9 | 20 | .. | 3.0 | .. | 2.0 | 0 | 1 | 17 | 05 | 5 | 2 | 1 | 2 | 1 | 1 | 1 | 12 | 0 |
| | 1730 | | .. | .. | .. | 31.5 | 16.0 | 1.2 | 6.7 | 16 | - 9 | 3.2 | +0.4 | 6.3 | 0 | 2 | 25 | 00 | 1 | 1 | 4 | 5 | 5 | 3 | 8 | 3 | 0 |
| Dehra Dun | 0530 | 682 | 1006.4 | 930.3 | .. | 19.3 | 13.8 | 9.3 | 11.7 | 53 | .. | 2.6 | .. | 1.1 | 0 | 0 | 14 | 04 | 6 | 1 | 0 | 0 | 0 | 1 | 2 | 16 | 0 |
| | 0830 | 682 | 1006.5 | 931.5 | -1.0 | 23.9 | 16.7 | 11.8 | 13.8 | 47 | + 4 | 2.1 | +0.2 | 1.5 | 0 | 1 | 15 | 02 | 1 | 0 | 1 | 1 | 2 | 8 | 1 | 14 | 0 |
| | 1130 | 682 | 1005.5 | 932.2 | .. | 30.6 | 19.5 | 12.4 | 14.4 | 33 | .. | 2.6 | .. | 2.9 | 0 | 0 | 21 | 00 | 3 | 0 | 3 | 3 | 3 | 8 | 1 | 9 | 0 |
| | 1730 | 682 | 1002.1 | 929.2 | -0.6 | 31.1 | 20.0 | 12.5 | 14.5 | 34 | + 9 | 3.1 | +0.3 | 4.1 | 0 | 1 | 24 | 01 | 0 | 0 | 0 | 3 | 8 | 9 | 4 | 5 | 0 |
| | 2330 | 682 | 1006.6 | 931.3 | .. | 22.6 | 15.5 | 10.1 | 12.3 | 46 | .. | 1.3 | .. | 1.7 | 0 | 0 | 13 | 08 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 17 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | 16.0 | 7.8 | -1.8 | 5.5 | 89 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.7 | 7.7 | -5.3 | 4.6 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1008.1 | 977.4 | +0.0 | 25.6 | 16.3 | 6.3 | 11.7 | 35 | - 6 | 1.2 | -0.8 | 0.9 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of near-est standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PAR PRADESH WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee | 1730 | 274 | 1004.4 | 974.6 | +1.3 | 34.4 | 19.3 | 6.9 | 9.9 | 19 | - 3 | 1.8 | -0.7 | 1.9 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 9 | 0 |
| Najibabad | 0830 | 270 | 1007.1 | 976.7 | -0.7 | 25.1 | 16.5 | 9.8 | 12.1 | 38 | - 4 | 2.0 | +1.0 | 2.6 | 0 | 0 | 25 | 01 | 1 | 6 | 1 | 0 | 1 | 6 | 9 | 5 | 0 |
| | 1730 | 270 | 1003.3 | 974.0 | -1.0 | 34.6 | 19.2 | 6.3 | 9.5 | 18 | - 2 | 1.9 | +0.8 | 7.0 | 0 | 2 | 28 | 00 | 0 | 1 | 1 | 0 | 2 | 23 | 1 | 0 | 2 |
| Meerut | 0830 | 222 | 1007.1 | 982.3 | -0.6 | 27.5 | 18.7 | 12.4 | 14.4 | 40 | + 1 | 0.0 | -0.5 | 4.9 | 0 | 0 | 29 | 00 | 1 | 1 | 0 | 1 | 1 | 16 | 9 | 1 | 0 |
| Bareilly | 0830 | 173 | 1006.3 | 987.0 | -0.5 | 28.6 | 17.8 | 9.2 | 11.6 | 30 | - 7 | 1.3 | -0.1 | 6.3 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 1 | 1 | 20 | 7 | 0 | 0 |
| | 1730 | 173 | 1002.4 | 983.8 | -0.5 | 36.3 | 19.6 | 5.3 | 8.9 | 15 | - 6 | 2.4 | +0.4 | 5.2 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 |
| Bareilly P.B.O. | 0230 | 173 | 1004.1 | 984.6 | .. | 25.7 | 15.7 | 5.7 | 9.1 | 35 | .. | 1.2 | .. | 3.4 | 0 | 0 | 24 | 01 | 2 | 0 | 0 | 0 | 1 | 7 | 13 | 6 | 0 |
| | 0530 | 173 | 1004.6 | 984.9 | .. | 23.7 | 15.3 | 8.8 | 11.4 | 40 | .. | 1.6 | .. | 3.3 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 1 | 13 | 12 | 4 | 0 |
| | 1130 | 173 | 1006.0 | 987.0 | .. | 34.9 | 18.8 | 8.3 | 10.9 | 20 | .. | 1.8 | .. | 8.3 | 0 | 5 | 24 | 01 | 0 | 2 | 1 | 0 | 2 | 4 | 19 | 1 | 0 |
| | 1430 | 173 | 1003.4 | 984.5 | .. | 37.0 | 19.4 | 7.7 | 10.5 | 17 | .. | 2.2 | .. | 10.4 | 0 | 2 | 28 | 00 | 0 | 1 | 0 | 1 | 2 | 8 | 18 | 0 | 0 |
| | 2030 | 173 | 1004.3 | 985.1 | .. | 30.9 | 17.6 | 8.6 | 11.2 | 25 | .. | 0.9 | .. | 4.6 | 0 | 1 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 15 | 7 | 5 | 1 |
| | 2330 | 173 | 1004.9 | 985.6 | .. | 28.5 | 16.6 | 8.5 | 11.1 | 29 | .. | 0.8 | .. | 3.9 | 0 | 0 | 25 | 03 | 1 | 0 | 0 | 0 | 0 | 12 | 9 | 5 | 0 |
| Aligarh | 0830 | 187 | 1007.5 | 986.4 | +0.0 | 27.1 | 16.8 | 8.4 | 11.0 | 31 | - 5 | 1.8 | +0.5 | 4.0 | 0 | 0 | 28 | 09 | 2 | 0 | 0 | 0 | 0 | 9 | 8 | 2 | 0 |
| | 1730 | 187 | 1003.9 | 983.1 | +0.2 | 38.3 | 19.3 | 5.3 | 8.9 | 16 | - 3 | 2.4 | +0.4 | 4.0 | 0 | 0 | 30 | 04 | 0 | 1 | 0 | 1 | 3 | 15 | 6 | 0 | 0 |
| Mainpuri | 0830 | 157 | 1006.8 | 989.2 | -0.8 | 28.7 | 18.6 | 11.0 | 13.1 | 34 | - 3 | 1.8 | +0.4 | 3.1 | 0 | 0 | 22 | 01 | 2 | 0 | 1 | 0 | 1 | 2 | 15 | 8 | 0 |
| | 1730 | 157 | 1003.0 | 985.9 | -0.3 | 36.7 | 21.6 | 10.6 | 12.9 | 22 | - 1 | 2.6 | +0.8 | 8.3 | 0 | 0 | 28 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 2 | 0 |
| Agra | 0830 | 169 | 1007.6 | 988.7 | -0.4 | 27.9 | 20.8 | 16.9 | 19.2 | 51 | +19 | 0.7 | -0.5 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 169 | 1003.4 | 985.1 | -0.3 | 36.6 | 25.9 | 20.8 | 24.6 | 40 | +22 | 1.9 | +0.1 | 0.3 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 1005.8 | 986.5 | .. | 21.6 | 15.5 | 10.2 | 12.4 | 49 | .. | 1.8 | .. | 8.3 | 0 | 0 | 23 | 04 | 2 | 0 | 3 | 0 | 5 | 6 | 2 | 7 | 1 |
| | 0830 | 169 | 1007.7 | 988.7 | .. | 27.2 | 18.7 | 12.5 | 14.7 | 41 | .. | 1.9 | .. | 8.8 | 0 | 0 | 26 | 05 | 1 | 2 | 1 | 0 | 1 | 7 | 9 | 4 | 0 |
| | 1130 | 169 | 1007.4 | 988.9 | .. | 35.3 | 21.8 | 12.9 | 14.9 | 27 | .. | 2.0 | .. | 13.0 | 0 | 4 | 22 | 03 | 1 | 0 | 1 | 1 | 3 | 5 | 12 | 4 | 0 |
| | 1730 | 169 | 1003.3 | 984.9 | .. | 36.2 | 22.0 | 12.3 | 14.3 | 25 | .. | 2.9 | .. | 13.7 | 0 | 4 | 23 | 04 | 0 | 0 | 0 | 0 | 1 | 7 | 15 | 3 | 0 |
| | 2330 | 169 | 1005.9 | 986.9 | .. | 26.1 | 17.9 | 11.7 | 13.7 | 41 | .. | 1.3 | .. | 6.8 | 0 | 0 | 22 | 04 | 5 | 2 | 0 | 0 | 3 | 1 | 8 | 8 | 0 |
| Orai | 0830 | 141 | 1007.5 | 991.9 | -1.0 | 31.6 | 19.4 | 10.1 | 12.3 | 27 | -10 | 0.8 | -0.4 | 2.0 | 0 | 0 | 27 | 01 | 6 | 0 | 0 | 0 | 4 | 0 | 16 | 3 | 0 |
| | 1730 | 141 | 1002.9 | 987.6 | -1.1 | 38.8 | 20.5 | 7.4 | 10.3 | 17 | -11 | 0.4 | -1.2 | 2.6 | 0 | 0 | 30 | 00 | 20 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 |
| Jhansi | 0830 | 251 | 1007.9 | 980.0 | -0.2 | 27.3 | 16.0 | 5.2 | 8.8 | 24 | - 3 | 1.1 | -0.1 | 1.7 | 0 | 0 | 21 | 00 | 0 | 1 | 0 | 1 | 1 | 16 | 2 | 9 | 0 |
| | 1730 | 251 | 1002.6 | 975.3 | -0.8 | 37.7 | 19.5 | 3.1 | 7.6 | 11 | - 5 | 1.9 | +0.0 | 2.2 | 0 | 0 | 23 | 04 | 0 | 2 | 0 | 3 | 0 | 14 | 0 | 7 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1007.1 | 971.4 | .. | 19.0 | 14.0 | 9.7 | 12.0 | 57 | .. | 3.9 | .. | 7.2 | 0 | 2 | 16 | 04 | 6 | 2 | 0 | 2 | 0 | 3 | 1 | 12 | 0 |
| | 0830 | 312 | 1008.1 | 972.9 | -0.1 | 23.9 | 16.0 | 9.2 | 11.6 | 42 | + 8 | 4.2 | +1.3 | 11.3 | 0 | 6 | 19 | 09 | 5 | 5 | 1 | 1 | 1 | 0 | 3 | 5 | 0 |
| | 1130 | 312 | 1007.9 | 973.4 | .. | 29.6 | 17.6 | 7.4 | 10.3 | 27 | .. | 4.3 | .. | 12.2 | 0 | 4 | 24 | 07 | 6 | 1 | 2 | 3 | 5 | 3 | 1 | 2 | 0 |
| | 1730 | 312 | 1004.8 | 970.5 | -0.7 | 30.9 | 17.6 | 4.7 | 8.5 | 20 | - 4 | 3.8 | -0.3 | 22.7 | 0 | 15 | 15 | 06 | 3 | 0 | 0 | 0 | 2 | 11 | 8 | 0 | 0 |
| | 2330 | 312 | 1007.6 | 972.4 | .. | 22.7 | 15.5 | 9.3 | 11.7 | 45 | .. | 2.8 | .. | 7.2 | 0 | 3 | 16 | 06 | 11 | 0 | 0 | 1 | 0 | 0 | 1 | 11 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1007.3 | 980.2 | .. | 17.6 | 14.4 | 11.8 | 13.8 | 71 | .. | 4.3 | .. | 8.0 | 0 | 3 | 18 | 05 | 4 | 4 | 0 | 0 | 1 | 0 | 7 | 9 | 0 |
| | 0830 | 234 | 1008.7 | 982.0 | +0.3 | 22.1 | 16.6 | 12.3 | 14.3 | 55 | + 7 | 3.9 | +1.7 | 8.9 | 0 | 3 | 18 | 05 | 2 | 3 | 0 | 0 | 0 | 2 | 9 | 9 | 0 |
| | 1130 | 234 | 1008.6 | 982.5 | .. | 29.4 | 18.6 | 10.4 | 12.6 | 33 | .. | 3.7 | .. | 9.9 | 0 | 5 | 22 | 07 | 2 | 2 | 0 | 0 | 1 | 3 | 12 | 3 | 0 |
| | 1430 | 234 | 1006.7 | 980.8 | .. | 31.4 | 18.9 | 8.8 | 11.3 | 26 | .. | 3.6 | .. | 9.8 | 0 | 3 | 23 | 03 | 5 | 0 | 0 | 0 | 1 | 8 | 9 | 4 | 0 |
| | 1730 | 234 | 1005.5 | 979.6 | +0.5 | 31.1 | 18.7 | 8.9 | 11.4 | 27 | + 4 | 3.1 | +0.5 | 8.3 | 0 | 1 | 28 | 02 | 2 | 2 | 1 | 0 | 0 | 6 | 16 | 1 | 0 |
| | 2030 | 234 | 1007.1 | 980.6 | .. | 24.1 | 17.2 | 11.7 | 13.7 | 48 | .. | 3.1 | .. | 7.9 | 0 | 2 | 19 | 04 | 2 | 1 | 0 | 0 | 0 | 4 | 10 | 9 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1008.2 | 979.7 | .. | 23.3 | 17.3 | 12.7 | 14.7 | 53 | .. | 3.1 | .. | 9.9 | 0 | 4 | 18 | 09 | 1 | 1 | 0 | 0 | 1 | 2 | 8 | 8 | 0 |
| | 1730 | 249 | 1005.1 | 977.7 | .. | 31.7 | 19.0 | 8.8 | 11.3 | 25 | .. | 2.9 | .. | 17.5 | 0 | 9 | 21 | 05 | 0 | 0 | 0 | 1 | 2 | 10 | 12 | 0 | 0 |
| Ludhiana | 0830 | 247 | 1007.9 | 979.9 | -0.2 | 23.6 | 17.7 | 13.4 | 15.4 | 55 | + 8 | 2.2 | +0.5 | 2.2 | 0 | 0 | 27 | 06 | 5 | 1 | 0 | 0 | 1 | 0 | 14 | 3 | 0 |
| | 1730 | 247 | 1004.8 | 977.4 | +0.1 | 33.1 | 19.7 | 9.2 | 11.6 | 25 | - 2 | 2.3 | +0.1 | 2.3 | 0 | 0 | 28 | 03 | 5 | 0 | 1 | 0 | 0 | 3 | 16 | 2 | 0 |
| Ferozepur | 0830 | 200 | 1008.8 | 985.9 | +0.8 | 22.8 | 17.4 | 13.4 | 15.4 | 56 | + 1 | 1.7 | +0.3 | 6.0 | 0 | 2 | 25 | 16 | 4 | 0 | 1 | 0 | 0 | 0 | 6 | 3 | 0 |
| | 1730 | 200 | 1006.4 | 983.5 | +0.9 | 31.7 | 19.7 | 11.0 | 13.1 | 30 | - 1 | 0.8 | -0.9 | 4.8 | 0 | 1 | 27 | 11 | 1 | 0 | 0 | 1 | 0 | 2 | 13 | 2 | 0 |
| Halwara (Aerodrome) | 0830 | 202 | 1007.7 | 980.3 | .. | 24.3 | 17.0 | 11.4 | 13.6 | 45 | .. | 2.9 | .. | 12.0 | 0 | 4 | 25 | 13 | 0 | 0 | 2 | 1 | 0 | 2 | 11 | 1 | 0 |
| | 1730 | 202 | 1004.7 | 978.3 | .. | 32.2 | 18.8 | 7.8 | 10.6 | 22 | .. | 2.6 | .. | 15.0 | 0 | 6 | 23 | 09 | 0 | 0 | 0 | 2 | 0 | 4 | 14 | 1 | 0 |
| Chandigarh | 0830 | 347 | 1005.3 | 966.2 | -2.1 | 23.9 | 15.3 | 7.3 | 10.2 | 36 | - 2 | 1.6 | +0.5 | 2.1 | 0 | 0 | 18 | 00 | 1 | 0 | 14 | 0 | 0 | 0 | 3 | 12 | 0 |
| | 1730 | 347 | 1003.3 | 965.2 | -1.0 | 32.3 | 18.1 | 6.4 | 9.6 | 18 | - 7 | 3.0 | +2.3 | 4.5 | 0 | 0 | 25 | 00 | 0 | 0 | 11 | 0 | 10 | 0 | 4 | 5 | 0 |
| Ambala | 0830 | 272 | 1006.9 | 976.3 | -0.3 | 25.2 | 18.4 | 13.7 | 15.7 | 50 | + 9 | 1.0 | -0.6 | 0.7 | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 23 | 0 |
| | 1730 | 272 | 1003.7 | 973.9 | +0.0 | 33.3 | 23.1 | 17.6 | 20.1 | 40 | +18 | 0.0 | -1.8 | 3.9 | 0 | 0 | 27 | 00 | 6 | 0 | 13 | 0 | 6 | 0 | 2 | 3 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 1005.4 | 974.1 | .. | 24.4 | 15.9 | 10.0 | 12.3 | 41 | .. | 2.0 | .. | 7.5 | 0 | 1 | 23 | 03 | 1 | 0 | 2 | 0 | 0 | 1 | 17 | 6 | 0 |
| | 0530 | 278 | 1005.3 | 973.8 | .. | 22.1 | 15.1 | 10.2 | 12.4 | 48 | .. | 2.6 | .. | 6.7 | 0 | 1 | 20 | 03 | 1 | 0 | 1 | 0 | 0 | 0 | 16 | 9 | 0 |
| | 1130 | 278 | 1006.6 | 976.0 | .. | 32.1 | 18.6 | 10.3 | 12.5 | 27 | .. | 2.4 | .. | 8.5 | 0 | 4 | 18 | 01 | 3 | 0 | 1 | 0 | 0 | 2 | 15 | 8 | 0 |
| | 1430 | 278 | 1004.5 | 974.1 | .. | 34.0 | 19.0 | 9.6 | 11.9 | 23 | .. | 3.5 | .. | 8.9 | 0 | 2 | 23 | 02 | 0 | 0 | 1 | 1 | 2 | 8 | 11 | 5 | 0 |
| | 2030 | 278 | 1005.0 | 974.2 | .. | 29.3 | 17.8 | 10.4 | 12.6 | 32 | .. | 1.6 | .. | 7.9 | 0 | 2 | 20 | 00 | 0 | 1 | 0 | 1 | 0 | 5 | 15 | 8 | 0 |
| | 2330 | 278 | 1006.2 | 975.0 | .. | 26.1 | 16.7 | 10.5 | 12.7 | 38 | .. | 1.0 | .. | 9.2 | 0 | 2 | 23 | 03 | 1 | 0 | 1 | 0 | 0 | 2 | 18 | 3 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1005.5 | 974.0 | .. | 19.0 | 14.3 | 10.2 | 12.4 | 57 | .. | 2.4 | .. | 7.5 | 0 | 3 | 13 | 00 | 0 | 0 | 1 | 1 | 0 | 0 | 16 | 14 | 0 |
| | 0830 | 274 | 1006.3 | 975.8 | .. | 25.6 | 17.2 | 10.5 | 12.7 | 40 | .. | 2.1 | .. | 12.7 | 0 | 5 | 20 | 02 | 0 | 1 | 1 | 1 | 1 | 3 | 14 | 5 | 2 |
| | 1130 | 274 | 1006.3 | 976.2 | .. | 32.9 | 19.3 | 8.2 | 10.8 | 23 | .. | 2.4 | .. | 18.7 | 0 | 13 | 16 | 00 | 0 | 1 | 1 | 1 | 0 | 9 | 15 | 1 | 2 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-root standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome) (Contd.) | 1730 | 274 | 1003.5 | 973.5 | .. | 33.0 | 19.0 | 8.2 | 10.8 | 23 | .. | 3.2 | .. | 18.9 | 0 | 11 | 19 | 00 | 1 | 0 | 0 | 3 | 1 | 18 | 7 | 0 | 0 |
| | 2330 | 274 | 1006.2 | 975.6 | .. | 23.3 | 16.1 | 10.0 | 12.3 | 44 | .. | 1.4 | .. | 10.0 | 0 | 4 | 17 | 00 | 0 | 1 | 0 | 1 | 2 | 4 | 13 | 9 | 0 |
| Patiala | 0830 | 251 | 1007.6 | 979.5 | -0.4 | 26.6 | 17.6 | 10.7 | 12.9 | 38 | - 2 | 1.7 | -0.2 | 7.1 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 9 | 0 |
| | 1730 | 251 | 1004.3 | 976.9 | +0.0 | 33.2 | 19.3 | 8.4 | 11.0 | 23 | + 3 | 2.8 | +0.0 | 9.6 | 0 | 0 | 27 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 26 | 3 | 0 |
| Bhatinda | 0830 | 211 | 1008.1 | 984.2 | .. | 27.4 | 21.5 | 17.8 | 20.4 | 58 | + 7 | 1.0 | -0.3 | 4.6 | 0 | 1 | 21 | 00 | 1 | 0 | 3 | 0 | 0 | 0 | 18 | 8 | 0 |
| | 1730 | 211 | 1004.0 | 980.6 | .. | 32.7 | 24.3 | 19.4 | 22.5 | 50 | +13 | 2.3 | +0.5 | 4.4 | 0 | 0 | 27 | 01 | 4 | 0 | 0 | 1 | 0 | 0 | 21 | 3 | 0 |
| Karnal | 0830 | 249 | 1007.0 | 979.1 | -0.4 | 26.7 | 16.9 | 8.3 | 10.9 | 32 | -13 | 0.8 | -0.5 | 3.3 | 0 | 0 | 28 | 07 | 0 | 0 | 0 | 1 | 1 | 1 | 18 | 2 | 0 |
| | 1730 | 249 | 1004.2 | 977.0 | +0.2 | 33.8 | 18.2 | 4.8 | 8.6 | 17 | - 4 | 1.7 | -0.3 | 3.9 | 0 | 0 | 29 | 03 | 0 | 0 | 0 | 0 | 2 | 0 | 24 | 1 | 0 |
| Hissar | 0530 | 221 | 1006.2 | 980.2 | .. | 19.9 | 16.9 | 14.7 | 16.7 | 73 | .. | 1.3 | .. | 2.6 | 0 | 0 | 18 | 04 | 2 | 0 | 2 | 1 | 2 | 2 | 5 | 12 | 0 |
| | 0830 | 221 | 1008.1 | 983.1 | +0.0 | 24.7 | 19.6 | 16.4 | 18.6 | 61 | +15 | 1.4 | +0.3 | 4.0 | 0 | 1 | 21 | 06 | 0 | 2 | 3 | 2 | 4 | 3 | 2 | 8 | 0 |
| | 1130 | 221 | 1007.6 | 983.2 | .. | 32.7 | 24.6 | 20.3 | 23.8 | 50 | .. | 1.4 | .. | 6.8 | 0 | 2 | 24 | 09 | 1 | 1 | 1 | 1 | 1 | 3 | 9 | 4 | 0 |
| | 1730 | 221 | 1004.1 | 980.0 | -0.7 | 34.4 | 25.5 | 20.9 | 24.7 | 48 | +21 | 2.7 | +1.0 | 5.9 | 0 | 1 | 28 | 04 | 0 | 0 | 0 | 1 | 5 | 8 | 11 | 1 | 0 |
| | 2330 | 221 | 1006.7 | 981.7 | .. | 25.1 | 19.8 | 16.2 | 18.4 | 60 | .. | 0.8 | .. | 5.2 | 0 | 0 | 25 | 08 | 3 | 0 | 2 | 0 | 3 | 2 | 7 | 5 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1005.7 | 981.3 | .. | 24.9 | 15.9 | 8.0 | 10.7 | 35 | .. | 1.3 | .. | 12.4 | 0 | 2 | 28 | 11 | 0 | 1 | 0 | 0 | 1 | 5 | 12 | 0 | 0 |
| | 0530 | 216 | 1005.8 | 981.2 | .. | 22.9 | 15.2 | 8.4 | 11.0 | 40 | .. | 1.6 | .. | 9.8 | 0 | 1 | 26 | 06 | 0 | 0 | 1 | 0 | 1 | 7 | 12 | 3 | 0 |
| | 0830 | 216 | 1007.5 | 983.1 | -0.1 | 25.4 | 16.6 | 9.3 | 11.7 | 37 | + 5 | 1.8 | +0.3 | 12.3 | 0 | 3 | 27 | 03 | 1 | 0 | 0 | 1 | 2 | 9 | 13 | 0 | 1 |
| | 1130 | 216 | 1007.2 | 983.4 | .. | 33.1 | 19.0 | 7.5 | 10.4 | 21 | .. | 1.7 | .. | 16.6 | 0 | 10 | 20 | 04 | 3 | 1 | 0 | 0 | 2 | 7 | 12 | 0 | 1 |
| | 1430 | 216 | 1004.9 | 981.3 | .. | 35.5 | 18.9 | 4.5 | 8.4 | 15 | .. | 2.5 | .. | 20.3 | 0 | 15 | 15 | 01 | 0 | 1 | 1 | 1 | 5 | 6 | 15 | 0 | 0 |
| | 1730 | 216 | 1003.5 | 979.9 | +0.2 | 35.0 | 18.4 | 3.4 | 7.8 | 14 | - 2 | 3.6 | +1.3 | 19.8 | 0 | 16 | 14 | 04 | 2 | 0 | 0 | 0 | 0 | 5 | 19 | 0 | 0 |
| | 2030 | 216 | 1005.1 | 981.2 | .. | 30.1 | 17.6 | 6.9 | 9.9 | 24 | .. | 2.5 | .. | 10.9 | 0 | 3 | 25 | 09 | 5 | 0 | 1 | 0 | 1 | 2 | 10 | 2 | 0 |
| | 2330 | 216 | 1006.2 | 982.0 | .. | 27.3 | 16.7 | 7.4 | 10.3 | 29 | .. | 1.5 | .. | 11.2 | 0 | 3 | 23 | 08 | 1 | 1 | 2 | 0 | 3 | 1 | 10 | 4 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1005.9 | 979.6 | .. | 24.0 | 16.7 | 10.9 | 13.0 | 45 | .. | 2.0 | .. | 6.4 | 0 | 0 | 24 | 06 | 5 | 1 | 0 | 1 | 3 | 3 | 5 | 6 | 0 |
| | 0530 | 233 | 1006.1 | 979.5 | .. | 21.2 | 15.4 | 10.7 | 12.9 | 52 | .. | 1.6 | .. | 4.1 | 0 | 0 | 21 | 03 | 3 | 1 | 1 | 1 | 4 | 5 | 3 | 9 | 0 |
| | 0830 | 233 | 1007.6 | 981.3 | .. | 25.3 | 17.7 | 11.9 | 13.9 | 44 | .. | 1.5 | .. | 9.3 | 0 | 3 | 21 | 01 | 1 | 0 | 0 | 0 | 6 | 11 | 5 | 6 | 0 |
| | 1130 | 233 | 1007.3 | 981.8 | .. | 33.6 | 20.3 | 10.6 | 12.7 | 26 | .. | 1.8 | .. | 14.9 | 0 | 8 | 21 | 03 | 2 | 1 | 0 | 0 | 3 | 10 | 10 | 1 | 0 |
| | 1430 | 233 | 1004.9 | 979.6 | .. | 36.1 | 21.4 | 10.6 | 12.9 | 23 | .. | 2.7 | .. | 17.2 | 0 | 9 | 20 | 02 | 0 | 1 | 1 | 0 | 5 | 7 | 13 | 1 | 0 |
| | 1730 | 233 | 1003.4 | 978.1 | .. | 35.5 | 21.0 | 10.2 | 12.4 | 23 | .. | 3.6 | .. | 17.3 | 0 | 11 | 18 | 02 | 2 | 1 | 0 | 0 | 1 | 7 | 16 | 1 | 0 |
| | 2030 | 233 | 1005.1 | 979.4 | .. | 30.3 | 19.3 | 11.0 | 13.1 | 31 | .. | 2.1 | .. | 4.5 | 0 | 1 | 23 | 04 | 5 | 2 | 1 | 0 | 2 | 1 | 9 | 6 | 0 |
| | 2330 | 233 | 1006.2 | 980.2 | .. | 26.9 | 17.9 | 10.9 | 13.0 | 38 | .. | 1.9 | .. | 6.4 | 0 | 1 | 21 | 06 | 3 | 3 | 0 | 2 | 2 | 1 | 5 | 8 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1009.4 | 924.5 | -0.6 | 18.4 | 15.0 | 12.3 | 14.3 | 68 | + 1 | 2.0 | -0.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 761 | 1002.4 | 920.9 | -1.2 | 28.5 | 20.1 | 14.9 | 16.9 | 49 | +11 | 4.2 | +0.9 | 0.2 | 0 | 0 | 4 | 00 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 26 | 0 |
| Bilaspur | 0830 | 587 | 1008.6 | 942.8 | -1.3 | 20.8 | 15.0 | 10.8 | 12.9 | 54 | + 1 | 1.6 | -1.2 | 0.8 | 0 | 0 | 8 | 00 | 0 | 2 | 0 | 3 | 0 | 1 | 2 | 22 | 0 |
| | 1730 | 587 | 1003.5 | 940.3 | -0.6 | 31.0 | 19.0 | 10.1 | 12.3 | 30 | + 5 | 3.4 | -0.3 | 2.5 | 0 | 0 | 21 | 00 | 3 | 2 | 1 | 2 | 1 | 8 | 4 | 9 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Miegar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3112.5 | 666.0 | .. | - 1.9 | - 4.3 | - 8.5 | 3.0 | 58 | .. | 4.0 | .. | 4.4[N] | 0 | 0 | 20 | 09 | 7 | 0 | 0 | 2 | 2 | 0 | 0 | 9 | 0 |
| | 0830 | 3514 | 3119.0 | 667.3 | -0.1 | 4.5 | 0.3 | - 5.4 | 3.9 | 49 | - 1 | 3.8 | +0.1 | 3.0[b] | 0 | 0 | 21 | 02 | 0 | 0 | 0 | 12 | 7 | 0 | 0 | 8 | 0 |
| | 1730 | 3514 | .. | .. | .. | 9.5 | 4.2 | - 1.6 | 5.4 | 46 | +14 | 4.4[9] | -0.5 | 6.6 | 0 | 0 | 30 | 00 | 0 | 0 | 2 | 0 | 21 | 0 | 7 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1512.5 | 842.6 | -0.4 | 10.4 | 8.7 | 6.8 | 9.9 | 80 | + 3 | 5.4 | +1.4 | 3.3 | 0 | 0 | 27 | 02 | 3 | 1 | 10 | 2 | 0 | 1 | 8 | 3 | 0 |
| | 1130 | 1587 | 1512.5 | 842.7 | .. | 13.9 | 10.3 | 7.3 | 10.2 | 66 | .. | 5.3 | .. | 4.1 | 0 | 1 | 25 | 05 | 5 | 1 | 4 | 1 | 0 | 5 | 5 | 4 | 0 |
| | 1430 | 1587 | 1500.0 | 841.5 | .. | 15.8 | 11.1 | 7.1 | 10.1 | 59 | .. | 5.4 | .. | 6.4 | 0 | 1 | 26 | 04 | 0 | 4 | 4 | 3 | 0 | 3 | 9 | 3 | 0 |
| | 1730 | 1587 | 1492.9 | 840.8 | +0.4 | 15.6 | 10.3 | 6.0 | 9.3 | 57 | + 4 | 5.7 | +0.5 | 6.5 | 0 | 0 | 28 | 00 | 0 | 7 | 7 | 0 | 3 | 1 | 10 | 2 | 0 |
| | 2030 | 1587 | 1501.7 | 841.4 | .. | 12.5 | 9.6 | 7.0 | 10.0 | 71 | .. | 5.0 | .. | 5.0 | 0 | 0 | 22 | 01 | 1 | 8 | 5 | 2 | 0 | 1 | 4 | 8 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1498.3 | 833.3 | .. | 7.9 | 7.6 | 7.3 | 10.2 | 96 | .. | 5.3 | .. | 3.2 | 0 | 0 | 12 | 00 | 0 | 2 | 0 | 1 | 2 | 7 | 0 | 18 | 0 |
| | 0830 | 1666 | 1508.2 | 834.5 | .. | 10.2 | 9.5 | 8.9 | 11.4 | 92 | .. | 5.5 | .. | 3.1 | 0 | 0 | 13 | 00 | 0 | 2 | 0 | 2 | 2 | 5 | 2 | 17 | 0 |
| | 1130 | 1666 | 1510.2 | 834.9 | .. | 13.4 | 12.0 | 11.1 | 13.2 | 87 | .. | 5.5 | .. | 6.8 | 0 | 3 | 18 | 01 | 2 | 2 | 0 | 1 | 1 | 9 | 5 | 9 | 0 |
| | 1730 | 1666 | 1492.0 | 833.1 | .. | 14.6 | 13.1 | 12.0 | 14.0 | 85 | .. | 5.9 | .. | 9.7 | 0 | 2 | 21 | 00 | 1 | 3 | 1 | 2 | 1 | 13 | 2 | 7 | 0 |
| | 2330 | 1666 | 1507.2 | 834.4 | .. | 10.1 | 9.4 | 8.8 | 11.3 | 92 | .. | 4.7 | .. | 3.8 | 0 | 0 | 15 | 01 | 1 | 1 | 0 | 0 | 1 | 7 | 4 | 15 | 0 |
| Gulmarg | 0830 | 2655 | Functions only from June to September | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2655 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 10.2 | 8.2 | 6.0 | 9.3 | 76 | .. | 5.2 | .. | 0.8 | 0 | 0 | 8 | 00 | 1 | 1 | 0 | 1 | 0 | 3 | 2 | 22 | 0 |
| | 1730 | 1690 | .. | .. | .. | 15.1 | 10.9 | 7.3 | 10.2 | 61 | .. | 5.9 | .. | 2.5 | 0 | 0 | 21 | 01 | 2 | 2 | 4 | 1 | 2 | 7 | 2 | 9 | 0 |
| Banihal | 0830 | | .. | .. | .. | 11.3 | 8.8 | 6.4 | 9.6 | 73 | .. | 4.8 | .. | 3.4 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 2 | 0 | 0 | 7 | 21 | 0 |
| | 1730 | | .. | .. | .. | 17.5 | 10.7 | 4.7 | 8.5 | 45 | .. | 5.5 | .. | 6.2 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 5 | 0 | 0 | 15 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 0830 | 366 | 1008.8 | 967.3 | .. | 22.3 | 16.0 | 10.8 | 12.9 | 51 | + 9 | 4.1 | +1.6 | 9.9 | 0 | 0 | 29 | 04 | 21 | 0 | 0 | 0 | 0 | 1 | 3 | 1 | 0 |
| | 1730 | 366 | .. | .. | .. | 29.5 | 18.8 | 10.8 | 12.9 | 33 | .. | 2.9 | .. | 7.1 | 0 | 0 | 21 | 03 | 3 | 1 | 1 | 0 | 2 | 6 | 5 | 9 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 1007.0 | 973.4 | .. | 20.0 | 14.3 | 9.2 | 11.6 | 53 | .. | 4.0 | .. | 10.2 | 0 | 3 | 22 | 03 | 18 | 0 | 0 | 0 | 0 | 1 | 3 | 5 | 0 |
| | 0830 | 292 | 1008.1 | 974.8 | .. | 22.9 | 15.7 | 9.4 | 11.8 | 43 | .. | 4.4 | .. | 10.8 | 0 | 5 | 20 | 04 | 10 | 3 | 1 | 0 | 0 | 2 | 5 | 5 | 0 |
| | 1130 | 292 | 1008.1 | 975.5 | .. | 27.8 | 17.4 | 8.5 | 11.1 | 34 | .. | 4.4 | .. | 10.8 | 0 | 5 | 20 | 04 | 5 | 1 | 1 | 2 | 1 | 5 | 6 | 5 | 0 |
| | 1730 | 292 | 1005.3 | 972.9 | .. | 29.7 | 17.6 | 6.7 | 9.8 | 28 | .. | 4.1 | .. | 14.9 | 0 | 6 | 23 | 03 | 4 | 0 | 0 | 1 | 0 | 13 | 8 | 1 | 0 |
| | 2330 | 292 | 1007.8 | 974.4 | .. | 22.2 | 15.7 | 10.4 | 12.6 | 48 | .. | 2.7 | .. | 10.1 | 0 | 4 | 20 | 02 | 18 | 0 | 0 | 0 | 1 | 1 | 2 | 6 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1006.7 | 986.3 | .. | 20.3 | 15.1 | 10.8 | 12.9 | 55 | .. | 0.5 | .. | 0.9 | 0 | 0 | 5 | 00 | 2 | 0 | 1 | 0 | 1 | 0 | 1 | 25 | 0 |
| | 0830 | 177 | 1008.4 | 988.2 | +0.6 | 23.6 | 16.5 | 10.8 | 12.9 | 46 | + 5 | 0.7 | -0.6 | 3.4 | 0 | 2 | 10 | 01 | 7 | 1 | 0 | 0 | 0 | 1 | 2 | 18 | 0 |
| | 1130 | 177 | 1008.1 | 988.5 | .. | 31.7 | 18.7 | 8.3 | 10.9 | 24 | .. | 1.7 | .. | 3.2 | 0 | 0 | 15 | 02 | 5 | 1 | 1 | 0 | 2 | 1 | 3 | 15 | 0 |
| | 1730 | 177 | 1004.5 | 985.1 | +0.5 | 34.1 | 19.0 | 6.6 | 9.7 | 18 | - 3 | 2.4 | +1.0 | 2.7 | 0 | 0 | 13 | 01 | 3 | 0 | 0 | 0 | 2 | 1 | 6 | 17 | 0 |
| | 2330 | 177 | 1007.0 | 987.0 | .. | 24.7 | 16.9 | 10.9 | 13.0 | 43 | .. | 0.3 | .. | 2.3 | 0 | 1 | 10 | 01 | 6 | 0 | 1 | 0 | 1 | 0 | 2 | 19 | 0 |
| Anupgarh | 0830 | 154 | (R). | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 154 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahajan | 0830 | 137 | 1006.9 | 986.0 | .. | 29.9 | 20.3 | 15.3 | 17.3 | 59 | .. | 0.3[a] | .. | 6.9 | 0 | 0 | 24 | 04 | 6 | 5 | 4 | 0 | 3 | 0 | 2 | 2 | 0 |
| | 1730 | 137 | 1002.9 | 982.0 | .. | 39.0 | 25.9 | 21.5 | 25.6 | 46 | .. | 0.7[a] | .. | 4.0 | 0 | 0 | 23 | 02 | 1 | 1 | 1 | 2 | 6 | 6 | 4 | 1 | 0 |
| Churu | 0830 | 291 | .. | .. | .. | 29.2 | 15.1 | 5.3 | 8.9 | 29 | -11 | 1.1 | -0.6 | 6.4[a] | 0 | 1 | 26 | 08 | 1 | 6 | 3 | 5 | 3 | 1 | 0 | 3 | 0 |
| | 1730 | 291 | .. | .. | .. | 34.6 | 17.1 | 0.7 | 6.4 | 13 | - 8 | 2.6[b] | -0.2 | 9.6 | 0 | 2 | 26 | 12 | 1 | 0 | 0 | 0 | 1 | 9 | 5 | 2 | 0 |
| Bikaner | 0830 | 224 | 1008.4 | 982.9 | +0.3 | 24.4 | 16.4 | 9.0 | 11.5 | 40 | +11 | 1.1 | +0.3 | 4.2 | 0 | 2 | 16 | 04 | 4 | 4 | 2 | 0 | 2 | 1 | 1 | 12 | 0 |
| | 1730 | 224 | 1004.3 | 979.9 | +0.7 | 35.5 | 20.5 | 8.2 | 10.8 | 22 | + 7 | 1.4 | -0.1 | 3.3 | 0 | 0 | 19 | 04 | 2 | 1 | 0 | 1 | 2 | 2 | 7 | 11 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1006.5 | 980.9 | .. | 21.5 | 14.1 | 7.0 | 10.0 | 40 | .. | 1.6 | .. | 3.7 | 0 | 0 | 13 | 01 | 4 | 0 | 1 | 2 | 3 | 2 | 0 | 17 | 0 |
| | 1130 | 224 | 1007.8 | 983.1 | .. | 33.5 | 18.6 | 5.4 | 9.0 | 19 | .. | 2.2 | .. | 7.5 | 0 | 2 | 27 | 02 | 7 | 4 | 3 | 3 | 6 | 2 | 2 | 1 | 0 |
| | 2330 | 224 | 1007.2 | 981.9 | .. | 26.9 | 16.1 | 6.5 | 9.7 | 27 | .. | 1.1 | .. | 3.9 | 0 | 0 | 15 | 04 | 7 | 1 | 0 | 1 | 2 | 0 | 0 | 15 | 0 |
| Nagaur | 0830 | 298 | 1007.9 | 974.6 | -0.5 | 28.2 | 18.8 | 11.2 | 13.3 | 38 | + 2 | 1.8 | +0.3 | 7.0 | 0 | 0 | 29 | 03 | 5 | 6 | 4 | 4 | 4 | 2 | 1 | 1 | 0 |
| | 1730 | 298 | 1003.5 | 971.1 | -0.7 | 34.6 | 24.6 | 18.6 | 21.4 | 40 | +18 | 3.1[b] | +0.5 | 8.3 | 0 | 1 | 29 | 06 | 2 | 0 | 0 | 1 | 5 | 7 | 9 | 0 | 0 |
| Phalodi | 0830 | 234 | 1008.1 | 981.8 | -0.4 | 26.3 | 17.6 | 11.3 | 13.4 | 40 | - 3 | 1.3 | +0.1 | 7.6 | 0 | 2 | 27 | 04 | 5 | 3 | 7 | 2 | 3 | 4 | 1 | 1 | 0 |
| | 1730 | 234 | 1004.7 | 979.7 | +0.3 | 35.9 | 22.6 | 13.9 | 15.9 | 29 | + 3 | 1.7 | -0.4 | 12.2 | 0 | 4 | 26 | 02 | 3 | 1 | 2 | 2 | 10 | 6 | 4 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1007.5 | 980.3 | -0.7 | 25.8 | 18.8 | 13.7 | 15.7 | 48 | - [illegible] | 2.5 | +1.8 | 9.1 | 0 | 2 | 25 | 05 | 4 | 2 | 1 | 7 | 6 | 2 | 0 | 3 | 0 |
| | 1730 | 242 | 1003.1 | 976.9 | -0.7 | 35.8 | 24.6 | 18.7 | 21.6 | 38 | 1 | [illegible] | +1.1 | 10.3 | 0 | 2 | 28 | 07 | 3 | 0 | 0 | 8 | 8 | 3 | 1 | 0 | 0 |
| Jodhpur | 0230 | 224 | 1006.3 | 981.3 | .. | 27.9 | 15.6 | 3.1 | 7.6 | 22 | .. | 1.2 | .. | 12.4 | 0 | 2 | 28 | 06 | 7 | 0 | 0 | 0 | 3 | 11 | 2 | 0 | 1 |
| | 0530 | 224 | 1006.7 | 981.5 | .. | 25.6 | 14.9 | 3.9 | 8.1 | 26 | .. | 1.6 | .. | 10.2 | 0 | 0 | 29 | 04 | 8 | 3 | 1 | 0 | 2 | 9 | 2 | 1 | 0 |
| | 0830 | 224 | 1008.4 | 983.3 | -0.2 | 26.8 | 16.4 | 6.5 | 9.6 | 29 | - 2 | 1.9 | +0.6 | 11.3 | 0 | 1 | 28 | 01 | 12 | 4 | 0 | 1 | 9 | 2 | 0 | 1 | 0 |
| | 1130 | 224 | 1007.7 | 983.4 | .. | 34.7 | 19.4 | 6.7 | 9.8 | 18 | .. | 2.4 | .. | 13.2 | 0 | 1 | 29 | 01 | 4 | 3 | 3 | 6 | 7 | 3 | 2 | 0 | 1 |
| | 1430 | 224 | 1005.6 | 981.2 | .. | 36.6 | 19.1 | 3.3 | 7.7 | 13 | .. | 3.0 | .. | 13.9 | 0 | 5 | 25 | 02 | 2 | 0 | 2 | 2 | 6 | 10 | 2 | 0 | 4 |
| | 1730 | 224 | 1004.2 | 979.9 | +0.2 | 37.0 | 19.7 | 5.1 | 8.8 | 14 | - 1 | 2.9 | +0.9 | 12.0 | 0 | 1 | 29 | 03 | 3 | 1 | 0 | 2 | 7 | 6 | 6 | 0 | 2 |
| | 2030 | 224 | 1005.6 | 980.9 | .. | 32.8 | 17.3 | 1.6 | 6.8 | 15 | .. | 2.3 | .. | 10.5 | 0 | 1 | 27 | 05 | 1 | 2 | 0 | 1 | 7 | 9 | 3 | 2 | 0 |
| | 2330 | 224 | 1006.6 | 981.7 | .. | 30.1 | 16.3 | 2.3 | 7.2 | 18 | .. | 1.4 | .. | 10.1 | 0 | 1 | 29 | 04 | 6 | 0 | 0 | 1 | 7 | 10 | 2 | 0 | 0 |
| Barmer | 0530 | 194 | 1005.1 | 983.5 | .. | 26.1 | 17.4 | 10.4 | 12.6 | 38 | .. | 1.6 | .. | 6.9 | 0 | 0 | 27 | 03 | 0 | 0 | 0 | 0 | 5 | 10 | 9 | 3 | 0 |
| | 0830 | 194 | 1007.2 | 985.4 | -0.9 | 27.5 | 18.3 | 11.2 | 13.3 | 38 | - 8 | 1.7 | +0.5 | 4.7 | 0 | 0 | 27 | 03 | 3 | 1 | 1 | 1 | 7 | 2 | 9 | 3 | 0 |
| | 1130 | 194 | 1007.2 | 985.9 | .. | 34.2 | 21.8 | 13.9 | 15.9 | 30 | .. | 2.3 | .. | 3.9 | 0 | 0 | 23 | 00 | 5 | 1 | 2 | 5 | 4 | 3 | 3 | 7 | 0 |
| | 1730 | 194 | 1003.3 | 982.2 | -0.6 | 37.2 | 23.0 | 14.2 | 16.2 | 26 | + 1 | 2.5 | +0.8 | 5.3 | 0 | 0 | 27 | 01 | 3 | 1 | 1 | 1 | 9 | 3 | 8 | 3 | 0 |
| | 2330 | 194 | 1005.9 | 984.3 | .. | 31.0 | 19.8 | 11.7 | 13.7 | 30 | .. | 0.8 | .. | 5.6 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 9 | 7 | 10 | 4 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 1008.6 | 975.2 | -1.1 | 24.1 | 18.9 | 12.3 | 14.4 | 41 | - 8 | 1.1 | -0.5 | 2.3 | 0 | 0 | 22 | 00 | 0 | 0 | 2 | 13 | 4 | 3 | 0 | 8 | 0 |
| | 1730 | 295 | 1003.3 | 971.7 | -1.1 | 35.7 | 21.7 | 12.5 | 14.5 | 21 | -14 | 1.1 | -1.2 | 4.2 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 2 | 8 | 10 | 4 | 4 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1008.5 | 974.7 | -0.6 | 25.1 | 16.1 | 8.0 | 10.7 | 34 | + 2 | 0.6 | -0.3 | 7.0 | 0 | 2 | 24 | 03 | 1 | 1 | 5 | 5 | 4 | 3 | 4 | 4 | 0 |
| | 1730 | 301 | 1004.3 | 971.6 | -1.5 | 34.4 | 18.3 | 3.2 | 7.6 | 15 | - 4 | 2.3 | +0.8 | 13.0 | 0 | 3 | 27 | 03 | 2 | 1 | 0 | 1 | 3 | 9 | 11 | 0 | 0 |
| Sikar | 0830 | 433 | 1008.1 | 959.6 | -0.5 | 25.8 | 16.9 | 7.8 | 10.6 | 32 | -18 | 0.3 | -1.0 | 0.9 | 0 | 0 | 13 | 01 | 0 | 0 | 1 | 0 | 0 | 11 | 0 | 17 | 0 |
| | 1730 | 433 | 1003.7 | 957.0 | -0.3 | 34.4 | 18.5 | 4.7 | 8.5 | 15 | -22 | 1.3 | -1.1 | 2.4 | 0 | 1 | 22 | 00 | 0 | 0 | 0 | 0 | 0 | 15 | 8 | 7 | 0 |
| Alwar | 0830 | 271 | 1007.1 | 976.9 | -0.7 | 27.5 | 20.8 | 16.7 | 19.0 | 51 | +10 | 2.0 | +0.4 | 1.4 | 0 | 0 | 14 | 04 | 1 | 1 | 0 | 1 | 0 | 2 | 5 | 16 | 0 |
| | 1730 | 271 | 1003.7 | 973.8 | -0.9 | 36.0 | 25.7 | 20.8 | 24.5 | 42 | +19 | 1.4 | -1.5 | 1.7 | 0 | 0 | 21 | 06 | 2 | 0 | 0 | 0 | 4 | 2 | 7 | 9 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1005.7 | 962.1 | .. | 24.5 | 14.7 | 5.1 | 8.8 | 29 | .. | 0.9 | .. | 3.5 | 0 | 0 | 16 | 06 | 5 | 1 | 0 | 0 | 0 | 0 | 4 | 14 | 0 |
| | 0530 | 390 | 1006.1 | 962.2 | .. | 22.5 | 14.0 | 5.6 | 9.1 | 34 | .. | 1.2 | .. | 2.4 | 0 | 0 | 13 | 03 | 3 | 3 | 0 | 0 | 0 | 0 | 4 | 17 | 0 |
| | 0830 | 390 | 1007.4 | 964.2 | -0.9 | 27.7 | 16.2 | 5.6 | 9.1 | 25 | - 4 | 1.4 | +0.2 | 5.3 | 0 | 1 | 17 | 02 | 2 | 5 | 2 | 0 | 0 | 4 | 3 | 12 | 0 |
| | 1130 | 390 | 1006.9 | 964.5 | .. | 33.7 | 17.8 | 2.8 | 7.5 | 15 | .. | 1.7 | .. | 8.7 | 0 | 1 | 24 | 00 | 1 | 4 | 2 | 2 | 3 | 6 | 7 | 5 | 0 |
| | 1430 | 390 | 1004.0 | 962.0 | .. | 36.0 | 18.4 | 1.3 | 6.7 | 12 | .. | 2.8 | .. | 3.7 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 1 | 4 | 12 | 8 | 4 | 0 |
| | 1730 | 390 | 1002.6 | 960.6 | -1.1 | 35.3 | 17.9 | 0.4 | 6.3 | 11 | - 7 | 3.0 | +0.9 | 9.1 | 0 | 1 | 26 | 01 | 0 | 0 | 1 | 0 | 1 | 12 | 12 | 3 | 0 |
| | 2030 | 390 | 1004.9 | 962.0 | .. | 29.8 | 16.7 | 4.3 | 8.3 | 20 | .. | 1.6 | .. | 4.9 | 0 | 2 | 16 | 07 | 2 | 0 | 0 | 0 | 0 | 2 | 7 | 12 | 0 |
| | 2330 | 390 | 1006.0 | 962.9 | .. | 26.9 | 15.4 | 4.0 | 8.1 | 23 | .. | 1.2 | .. | 3.8 | 0 | 0 | 20 | 06 | 6 | 2 | 0 | 0 | 0 | 2 | 4 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur | 0830 | 176 | 1007.0 | 987.3 | -2.5 | 28.5 | 17.4 | 7.9 | 10.6 | 27 | -15 | 1.3 | -0.3 | 1.6 | 0 | 0 | 15 | 02 | 0 | 0 | 0 | 1 | 1 | 6 | 5 | 15 | 0 |
| | 1730 | 176 | 1002.8 | 983.6 | -0.4 | 37.0 | 20.0 | 5.2 | 8.8 | 15 | -14 | 2.0 | +0.0 | 2.3 | 0 | 0 | 22 | 03 | 0 | 0 | 0 | 0 | 2 | 12 | 5 | 8 | 0 |
| Ajmer | 0830 | 486 | 1007.9 | 954.4 | -0.5 | 27.1 | 15.6 | 5.7 | 9.1 | 26 | - 5 | 2.0 | +0.6 | 8.2 | 0 | 3 | 23 | 00 | 6 | 1 | 2 | 0 | 6 | 8 | 3 | 4 | 0 |
| | 1730 | 486 | 1002.9 | 950.9 | -0.7 | 34.9 | 17.4 | 1.9 | 7.0 | 13 | - 4 | 3.6 | +1.5 | 9.6 | 0 | 2 | 28 | 02 | 3 | 1 | 2 | 1 | 6 | 10 | 5 | 0 | 0 |
| Tonk | 0830 | 272 | 1007.1 | 976.5 | -1.0 | 28.4 | 20.2 | 14.9 | 16.9 | 49 | + 7 | 1.2 | -0.3 | 6.0 | 0 | 0 | 30 | 02 | 2 | 2 | 1 | 3 | 1 | 5 | 14 | 0 | 0 |
| | 1730 | 272 | 1001.8 | 972.6 | -0.8 | 36.8 | 25.0 | 18.7 | 21.6 | 37 | + 9 | 2.0 | -0.5 | 7.0 | 0 | 0 | 30 | 00 | 2 | 0 | 0 | 1 | 6 | 15 | 6 | 0 | 0 |
| Bhilwara | 0830 | 425 | 1008.5 | 961.4 | .. | 27.2 | 16.2 | 5.3 | 8.9 | 25 | .. | 1.4 | .. | 6.2 | 0 | 0 | 28 | 02 | 8 | 2 | 0 | 0 | 7 | 2 | 7 | 2 | 0 |
| | 1730 | 425 | 1004.0 | 958.3 | .. | 35.7 | 19.1 | 3.1 | 7.6 | 15 | .. | 1.5[c] | .. | 7.6 | 0 | 2 | 25 | 00 | 2 | 1 | 1 | 0 | 7 | 3 | 13 | 3 | 0 |
| Kota | 0830 | 457 | 1007.7 | 979.3 | -0.5 | 30.1 | 18.9 | 10.6 | 12.8 | 30 | + 6 | 1.6 | +0.3 | 8.2 | 0 | 5 | 17 | 05 | 2 | 0 | 1 | 0 | 1 | 6 | 7 | 8 | 0 |
| | 1730 | 457 | 1002.8 | 975.1 | -0.6 | 37.1 | 21.8 | 11.0 | 13.1 | 22 | + 9 | 2.8 | +0.8 | 8.7 | 0 | 3 | 24 | 02 | 1 | 1 | 1 | 0 | 4 | 3 | 15 | 3 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1006.1 | 975.2 | .. | 25.8 | 15.8 | 6.6 | 9.7 | 30 | .. | 1.1 | .. | 7.2 | 0 | 0 | 29 | 01 | 3 | 2 | 1 | 1 | 4 | 16 | 1 | 1 | 0 |
| | 0830 | 274 | 1007.9 | 977.6 | .. | 30.2 | 17.8 | 6.8 | 9.9 | 25 | .. | 1.1 | .. | 7.7 | 0 | 1 | 24 | 01 | 1 | 6 | 0 | 2 | 1 | 6 | 8 | 5 | 0 |
| | 1130 | 274 | 1007.7 | 977.7 | .. | 34.8 | 19.6 | 7.3 | 10.2 | 20 | .. | 1.6 | .. | 10.9 | 0 | 0 | 30 | 01 | 3 | 6 | 3 | 3 | 0 | 6 | 8 | 0 | 0 |
| | 1730 | 274 | 1003.2 | 973.5 | .. | 36.7 | 20.5 | 7.4 | 10.3 | 18 | .. | 2.7 | .. | 10.9 | 0 | 3 | 27 | 07 | 1 | 2 | 0 | 0 | 6 | 7 | 7 | 0 | 0 |
| | 2330 | 274 | 1006.1 | 975.8 | .. | 29.8 | 17.3 | 6.0 | 9.3 | 23 | .. | 1.1 | .. | 8.9 | 0 | 1 | 28 | 02 | 2 | 1 | 1 | 0 | 6 | 12 | 5 | 1 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1007.7 | 969.2 | -0.9 | 28.4 | 17.1 | 7.4 | 10.3 | 27 | - 6 | 0.5 | -0.9 | 2.3 | 0 | 0 | 11 | 04 | 0 | 2 | 1 | 1 | 1 | 0 | 2 | 19 | 0 |
| | 1730 | 351 | 1002.8 | 965.2 | -1.1 | 36.7 | 20.2 | 7.2 | 10.1 | 17 | -10 | 1.1 | -1.5 | 9.1 | 0 | 4 | 25 | 02 | 2 | 0 | 0 | 2 | 10 | 4 | 9 | 1 | 0 |
| Udaipur | 0230 | 583 | 1007.6 | 942.9 | .. | 22.3 | 14.7 | 8.7 | 11.2 | 42 | .. | 0.9 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| | 0530 | 583 | 1007.7 | 942.8 | .. | 21.3 | 14.4 | 9.0 | 11.5 | 45 | .. | 0.7 | .. | 0.7 | 0 | 0 | 4 | 01 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 26 | 0 |
| | 0830 | 583 | 1008.3 | 944.5 | -0.9 | 27.2 | 16.6 | 8.4 | 11.0 | 31 | - 3 | 1.1 | -0.3 | 1.1 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 1 | 1 | 4 | 2 | 21 | 0 |
| | 1130 | 583 | 1007.1 | 944.6 | .. | 33.0 | 18.0 | 6.3 | 9.5 | 19 | .. | 1.4 | .. | 4.9 | 0 | 0 | 27 | 00 | 6 | 3 | 6 | 1 | 6 | 3 | 2 | 3 | 0 |
| | 1730 | 583 | 1003.1 | 941.2 | -0.8 | 34.5 | 18.3 | 5.5 | 9.0 | 17 | - 6 | 2.0 | -0.3 | 6.3 | 0 | 0 | 29 | 01 | 4 | 2 | 3 | 5 | 3 | 6 | 5 | 1 | 0 |
| | 2330 | 583 | 1007.8 | 943.6 | .. | 25.0 | 15.9 | 8.9 | 11.4 | 36 | .. | 0.8 | .. | 1.6 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 1 | 1 | 7 | 1 | 20 | 0 |
| Jhalawar | 0830 | 321 | 1007.3 | 972.1 | -0.6 | 29.4 | 16.4 | 3.5 | 7.9 | 20 | - 8 | 1.4 | +0.4 | 3.7 | 0 | 0 | 21 | 04 | 3 | 1 | 2 | 1 | 4 | 4 | 2 | 9 | 0 |
| | 1730 | 321 | 1002.3 | 967.9 | -0.5 | 37.5 | 18.4 | - 1.6 | 5.3 | 9 | - 6 | 1.8 | +0.0 | 4.6 | 0 | 0 | 22 | 03 | 1 | 0 | 0 | 0 | 4 | 9 | 5 | 8 | 0 |
| Banswara | 0830 | 220 | 1004.9 | 980.6 | .. | 26.9 | 18.8 | 12.5 | 14.4 | 43 | .. | 0.7 | .. | 9.0 | 0 | 0 | 30 | 00 | 1 | 5 | 4 | 11 | 8 | 1 | 0 | 0 | 0 |
| | 1730 | 220 | 1000.1 | 976.6 | .. | 37.4 | 20.0 | 5.9 | 9.2 | 13 | .. | 0.6 | .. | 11.0 | 0 | 0 | 30 | 03 | 1 | 0 | 0 | 5 | 10 | 6 | 5 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1005.4 | 982.2 | .. | 24.8 | 14.6 | 4.2 | 8.4 | 27 | .. | 1.6 | .. | 2.1 | 0 | 0 | 11 | 02 | 0 | 0 | 1 | 1 | 1 | 3 | 3 | 19 | 0 |
| | 0530 | 207 | 1006.0 | 982.5 | .. | 23.6 | 13.9 | 4.5 | 8.0 | 31 | .. | 2.4 | .. | 2.7 | 0 | 0 | 12 | 00 | 0 | 1 | 1 | 0 | 4 | 1 | 5 | 18 | 0 |
| | 0830 | 207 | 1007.5 | 984.5 | -0.3 | 29.8 | 16.6 | 4.0 | 8.2 | 20 | - 1 | 1.5 | +0.2 | 5.0 | 0 | 0 | 22 | 03 | 1 | 1 | 2 | 1 | 1 | 5 | 8 | 8 | 0 |
| | 1130 | 207 | 1007.0 | 984.5 | .. | 35.4 | 18.1 | 1.1 | 6.7 | 12 | .. | 1.9 | .. | 8.7 | 0 | 2 | 27 | 05 | 2 | 3 | 2 | 3 | 1 | 3 | 10 | 1 | 0 |
| | 1430 | 207 | 1004.2 | 981.9 | .. | 38.0 | 18.5 | - 2.1 | 5.4 | 8 | .. | 2.7 | .. | 9.1 | 0 | 1 | 27 | 03 | 1 | 0 | 1 | 2 | 3 | 5 | 13 | 2 | 0 |
| | 1730 | 207 | 1003.0 | 980.6 | -0.2 | 37.2 | 17.8 | - 2.1 | 4.5 | 9 | - 1 | 2.5 | +0.6 | 8.6 | 0 | 2 | 27 | 05 | 1 | 0 | 0 | 0 | 1 | 8 | 14 | 1 | 0 |
| | 2030 | 207 | 1004.7 | 981.9 | .. | 31.5 | 17.1 | 3.1 | 7.9 | 17 | .. | 1.8 | .. | 3.3 | 0 | 0 | 19 | 04 | 1 | 0 | 1 | 0 | 2 | 5 | 6 | 11 | 0 |
| | 2330 | 207 | 1005.8 | 982.6 | .. | 27.7 | 15.5 | 3.0 | 7.7 | 22 | .. | 1.8 | .. | 3.7 | 0 | 1 | 13 | 02 | 0 | 0 | 1 | 1 | 3 | 3 | 4 | 16 | 0 |
| Sheopur | 0830 | 235 | 1008.0 | 981.8 | -0.6 | 28.4 | 17.3 | 7.9 | 10.8 | 28 | + 1 | 1.4 | -0.5 | 5.3 | 0 | 1 | 27 | 02 | 2 | 5 | 1 | 8 | 5 | 5 | 0 | 2 | 0 |
| | 1730 | 235 | 1002.8 | 977.5 | -0.2 | 37.5 | 20.4 | 6.4 | 10.1 | 16 | + 3 | 1.9 | -0.8 | 10.3 | 0 | 2 | 27 | 07 | 1 | 0 | 0 | 0 | 3 | 14 | 4 | 1 | 0 |
| Shivpuri | 0830 | 464 | 1007.3 | 956.4 | .. | 29.0 | 16.0 | 4.6 | 8.7 | 22 | .. | 1.9 | .. | 8.5 | 0 | 0 | 29 | 03 | 5 | 1 | 8 | 1 | 0 | 11 | 0 | 1 | 0 |
| | 1730 | 464 | 1002.4 | 952.7 | .. | 35.7 | 17.8 | 1.5 | 7.3 | 13 | .. | 2.2 | .. | 7.6 | 0 | 1 | 29 | 02 | 2 | 2 | 0 | 0 | 1 | 15 | 8 | 0 | 0 |
| Nowgong | 0830 | 229 | 1007.7 | 982.2 | -0.6 | 28.7 | 16.5 | 5.0 | 8.8 | 23 | -10 | 1.7 | +0.2 | 2.8 | 0 | 0 | 19 | 00 | 3 | 1 | 1 | 3 | 7 | 2 | 2 | 11 | 0 |
| | 1730 | 229 | 1002.7 | 978.1 | -0.4 | 37.9 | 18.9 | 0.7 | 6.3 | 10 | -10 | 2.4 | +0.1 | 4.0 | 0 | 0 | 29 | 04 | 1 | 0 | 0 | 0 | 8 | 4 | 12 | 1 | 0 |
| Guna | 0530 | 478 | 1006.7 | 953.2 | .. | 22.4 | 12.8 | 3.4 | 7.9 | 29 | .. | 1.5 | .. | 4.1 | 0 | 0 | 22 | 03 | 3 | 5 | 3 | 3 | 0 | 3 | 2 | 8 | 0 |
| | 0830 | 478 | 1007.7 | 955.5 | -0.3 | 29.6 | 15.7 | 3.1 | 7.7 | 19 | - 8 | 1.6 | +0.4 | 6.1 | 0 | 0 | 29 | 06 | 1 | 8 | 1 | 3 | 1 | 6 | 3 | 1 | 0 |
| | 1130 | 478 | 1006.5 | 955.1 | .. | 35.2 | 17.9 | 3.1 | 7.9 | 14 | .. | 1.8 | .. | 8.0 | 0 | 1 | 29 | 04 | 1 | 4 | 4 | 3 | 2 | 5 | 7 | 0 | 0 |
| | 1430 | 478 | 1003.4 | 952.6 | .. | 37.4 | 18.3 | 1.7 | 7.1 | 11 | .. | 2.3 | .. | 12.1 | 0 | 6 | 24 | 01 | 2 | 3 | 1 | 5 | 3 | 10 | 5 | 0 | 0 |
| | 1730 | 478 | 1002.2 | 951.3 | -0.8 | 36.3 | 18.2 | 1.3 | 7.7 | 11 | - 4 | 2.9 | +0.8 | 13.7 | 0 | 8 | 21 | 04 | 0 | 0 | 1 | 2 | 5 | 7 | 10 | 1 | 0 |
| | 2330 | 478 | 1006.3 | 953.6 | .. | 27.0 | 14.8 | 3.5 | 8.0 | 23 | .. | 1.3 | .. | 5.2 | 0 | 1 | 20 | 03 | 1 | 4 | 1 | 2 | 1 | 7 | 2 | 9 | 0 |
| Nimach | 0830 | 496 | 1008.3 | 953.7 | -1.0 | 27.9 | 16.0 | 5.5 | 9.5 | 26 | - 4 | 1.4 | +0.0 | 8.0 | 0 | 1 | 25 | 01 | 5 | 4 | 1 | 0 | 5 | 5 | 3 | 4 | 2 |
| | 1730 | 496 | 1003.2 | 950.3 | -1.1 | 35.7 | 17.8 | 1.7 | 7.3 | 12 | - 6 | 2.0 | -0.5 | 13.4 | 0 | 8 | 19 | 00 | 0 | 1 | 0 | 1 | 5 | 9 | 1 | 3 | 10 |
| Rajgarh | 0830 | 382 | 1008.2 | 965.8 | -0.5 | 27.8 | 16.4 | 5.6 | 9.4 | 25 | - 2 | 1.5 | +0.1 | 7.6 | 0 | 2 | 27 | 07 | 0 | 2 | 7 | 2 | 1 | 6 | 4 | 1 | 0 |
| | 1730 | 382 | 1002.4 | 961.7 | -0.8 | 38.0 | 19.9 | 4.1 | 8.5 | 13 | - 2 | 2.0 | -0.7 | 12.8 | 0 | 4 | 26 | 02 | 0 | 1 | 0 | 2 | 5 | 16 | 4 | 0 | 0 |
| Sagar | 0830 | 551 | 1007.2 | 947.4 | -0.2 | 30.4 | 15.6 | 0.9 | 6.9 | 16 | - 8 | 0.9 | -0.6 | 4.7 | 0 | 0 | 29 | 01 | 6 | 9 | 0 | 0 | 1 | 8 | 4 | 1 | 0 |
| | 1730 | 551 | 1002.0 | 943.7 | -0.1 | 36.4 | 17.7 | 0.7 | 6.6 | 11 | - 5 | 1.0 | -1.6 | 5.7 | 0 | 0 | 30 | 03 | 1 | 3 | 0 | 0 | 3 | 12 | 8 | 0 | 0 |
| Ratlam | 0830 | 486 | 1008.7 | 954.9 | -0.6 | 26.3 | 17.9 | 11.9 | 14.3 | 43 | + 4 | 1.8 | +0.0 | 8.4 | 0 | 2 | 27 | 01 | 4 | 2 | 1 | 1 | 7 | 11 | 2 | 1 | 0 |
| | 1730 | 486 | 1003.1 | 951.4 | -0.4 | 36.2 | 21.7 | 12.7 | 15.3 | 25 | + 2 | 2.5 | -0.4 | 13.7 | 0 | 4 | 26 | 02 | 2 | 0 | 0 | 0 | 10 | 11 | 5 | 0 | 0 |
| Shopal (Bairagarh) | 0230 | 523 | 1005.9 | 948.0 | .. | 24.7 | 14.2 | 4.2 | 8.5 | 27 | .. | 1.3 | .. | 7.3 | 0 | 0 | 26 | 05 | 4 | 0 | 1 | 0 | 1 | 7 | 8 | 4 | 0 |
| | 0530 | 523 | 1006.6 | 948.3 | .. | 22.7 | 13.6 | 4.7 | 8.9 | 33 | .. | 1.6 | .. | 6.5 | 0 | 0 | 23 | 05 | 3 | 0 | 1 | 0 | 3 | 5 | 6 | 7 | 0 |
| | 0830 | 523 | 1007.9 | 950.6 | -0.8 | 28.6 | 16.4 | 6.3 | 9.7 | 25 | + 0 | 2.0 | +0.8 | 11.3 | 0 | 5 | 23 | 05 | 4 | 5 | 2 | 0 | 2 | 4 | 6 | 2 | 0 |
| | 1130 | 523 | 1006.5 | 950.5 | .. | 34.9 | 19.0 | 7.4 | 10.4 | 19 | .. | 1.9 | .. | 11.1 | 0 | 1 | 26 | 00 | 2 | 5 | 3 | 2 | 4 | 6 | 5 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 1430 | 523 | 1003.2 | 947.7 | .. | 37.1 | 19.8 | 6.9 | 10.4 | 17 | .. | 2.8 | .. | 13.1 | 0 | 8 | 19 | 00 | 0 | 1 | 2 | 0 | 6 | 12 | 6 | 3 | 0 |
| | 1730 | 523 | 1001.9 | 946.4 | -0.8 | 36.5 | 19.5 | 7.0 | 10.2 | 17 | + 3 | 3.6 | +1.3 | 15.3 | 0 | 8 | 22 | 02 | 0 | 0 | 0 | 3 | 6 | 11 | 8 | 0 | 0 |
| | 2030 | 523 | 1004.7 | 948.0 | .. | 30.7 | 17.0 | 5.7 | 9.4 | 22 | .. | 1.8 | .. | 8.2 | 0 | 0 | 25 | 03 | 1 | 1 | 0 | 4 | 2 | 7 | 7 | 5 | 0 |
| | 2330 | 523 | 1006.2 | 948.9 | .. | 27.4 | 15.2 | 4.2 | 8.4 | 23 | .. | 1.1 | .. | 7.6 | 0 | 1 | 24 | 05 | 2 | 0 | 0 | 1 | 4 | 7 | 6 | 5 | 0 |
| Ujjain | 0830 | 489 | 1008.6 | 954.4 | .. | 26.7 | 16.1 | 7.3 | 10.6 | 30 | .. | 2.3 | .. | 11.1 | 0 | 6 | 17 | 01 | 1 | 1 | 0 | 0 | 0 | 9 | 11 | 7 | 0 |
| | 1730 | 489 | 1002.7 | 950.6 | .. | 36.3 | 18.6 | 4.5 | 8.5 | 14 | .. | 3.5 | .. | 17.7 | 0 | 14 | 16 | 01 | 1 | 0 | 0 | 0 | 1 | 16 | 11 | 0 | 0 |
| Narsinghpur | 0830 | 356 | 1007.7 | 968.4 | .. | 29.2 | 19.9 | 13.1 | 15.9 | 39 | .. | 2.7 | .. | 1.9 | 0 | 0 | 28 | 00 | 6 | 0 | 7 | 0 | 11 | 0 | 4 | 2 | 0 |
| | 1730 | 356 | 1001.9 | 963.8 | .. | 38.5 | 24.7 | 16.5 | 19.7 | 30 | .. | 3.7 | .. | 2.2 | 0 | 0 | 30 | 00 | 3 | 0 | 0 | 0 | 19 | 0 | 8 | 0 | 0 |
| Hoshangabad | 0830 | 302 | 1008.4 | 974.7 | -0.3 | 27.9 | 17.0 | 7.2 | 10.5 | 29 | + 1 | 2.4 | +0.5 | 2.2 | 0 | 0 | 30 | 03 | 4 | 1 | 1 | 0 | 12 | 0 | 9 | 0 | 0 |
| | 1730 | 302 | 1002.1 | 969.8 | -0.3 | 38.6 | 20.5 | 5.8 | 9.3 | 14 | - 1 | 3.4 | +0.2 | 2.3 | 0 | 0 | 30 | 01 | 1 | 0 | 1 | 0 | 22 | 2 | 3 | 0 | 0 |
| Indore | 0530 | 567 | 1007.3 | 944.2 | .. | 22.4 | 13.1 | 4.1 | 8.4 | 32 | .. | 1.1 | .. | 9.1 | 0 | 1 | 26 | 02 | 2 | 0 | 0 | 0 | 7 | 11 | 5 | 3 | 0 |
| | 0830 | 567 | 1008.5 | 946.3 | -0.2 | 27.3 | 16.3 | 7.0 | 10.5 | 29 | - 1 | 1.9 | +0.6 | 14.5 | 0 | 7 | 22 | 01 | 6 | 0 | 0 | 0 | 2 | 17 | 3 | 1 | 0 |
| | 1130 | 567 | 1007.1 | 946.2 | .. | 33.9 | 18.4 | 6.5 | 9.8 | 19 | .. | 1.5 | .. | 13.9 | 0 | 8 | 21 | 03 | 6 | 0 | 1 | 2 | 4 | 7 | 6 | 1 | 0 |
| | 1730 | 567 | 1002.3 | 942.3 | -0.4 | 36.2 | 18.5 | 4.0 | 8.4 | 14 | - 1 | 2.3 | +0.1 | 19.3 | 0 | 12 | 18 | 02 | 0 | 0 | 0 | 0 | 6 | 19 | 3 | 0 | 0 |
| | 2330 | 567 | 1007.2 | 945.0 | .. | 27.0 | 15.0 | 4.0 | 8.3 | 23 | .. | 1.0 | .. | 13.1 | 0 | 4 | 24 | 01 | 2 | 0 | 0 | 0 | 4 | 15 | 6 | 2 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1009.5 | 976.7 | -0.6 | 26.3 | 18.6 | 15.2 | 15.2 | 44 | + 0 | 1.9 | +0.1 | 10.5 | 0 | 5 | 19 | 00 | 0 | 0 | 0 | 0 | 2 | 22 | 0 | 6 | 0 |
| | 1730 | 293 | 1004.1 | 972.5 | -0.4 | 36.6 | 19.5 | 4.6 | 8.8 | 16 | - 3 | 1.4 | -1.0 | 10.1 | 0 | 1 | 29 | 01 | 0 | 0 | 0 | 0 | 1 | 28 | 0 | 0 | 0 |
| Chhindwara | 0830 | 685 | 1007.6 | 933.0 | -1.1 | 28.4 | 17.1 | 8.4 | 11.2 | 30 | - 4 | 3.0 | +0.9 | 6.1 | 0 | 0 | 23 | 04 | 3 | 4 | 0 | 2 | 1 | 7 | 2 | 7 | 0 |
| | 1730 | 685 | 1001.3 | 929.2 | -0.8 | 35.7 | 18.9 | 6.1 | 9.5 | 17 | - 5 | 4.0 | +0.7 | 9.4 | 0 | 0 | 28 | 03 | 0 | 4 | 1 | 1 | 2 | 16 | 1 | 2 | 0 |
| Seoni | 0830 | 619 | 1007.1 | 940.1 | -0.6 | 29.6 | 19.0 | 12.0 | 14.2 | 35 | + 2 | 2.8 | +0.8 | 6.8 | 0 | 0 | 30 | 05 | 2 | 2 | 0 | 2 | 10 | 3 | 6 | 0 | 0 |
| | 1730 | 619 | 1001.6 | 936.4 | -0.4 | 36.2 | 21.2 | 11.7 | 14.2 | 24 | + 0 | 3.8 | +0.4 | 7.5 | 0 | 0 | 30 | 03 | 1 | 2 | 2 | 4 | 6 | 6 | 6 | 0 | 0 |
| Betul | 0830 | 653 | 1008.0 | 937.0 | -0.6 | 28.0 | 16.6 | 7.1 | 10.6 | 28 | - 3 | 3.0 | +1.2 | 3.5 | 0 | 0 | 28 | 04 | 0 | 1 | 5 | 2 | 3 | 4 | 9 | 2 | 0 |
| | 1730 | 653 | 1001.6 | 932.7 | -0.8 | 36.0 | 19.0 | 5.4 | 9.5 | 16 | - 3 | 4.1 | +0.9 | 5.9 | 0 | 0 | 29 | 02 | 0 | 0 | 1 | 2 | 2 | 8 | 14 | 1 | 0 |
| Khandwa | 0830 | 318 | 1008.4 | 973.2 | -0.1 | 29.1 | 18.6 | 10.4 | 12.9 | 32 | + 3 | 1.9 | +0.5 | 4.2 | 0 | 0 | 29 | 00 | 0 | 1 | 0 | 0 | 3 | 12 | 13 | 1 | 0 |
| | 1730 | 318 | 1002.4 | 968.4 | -0.2 | 38.6 | 22.2 | 10.8 | 13.4 | 20 | + 4 | 3.0 | +0.5 | 4.2 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 5 | 7 | 16 | 1 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1005.7 | 970.1 | .. | 24.3 | 14.1 | 3.4 | 7.9 | 26 | .. | 2.0 | .. | 3.3 | 0 | 0 | 17 | 03 | 0 | 0 | 0 | 2 | 1 | 7 | 4 | 13 | 0 |
| | 0830 | 317 | 1007.2 | 972.2 | -0.3 | 30.5 | 16.8 | 3.7 | 8.0 | 19 | -15 | 1.4 | +0.0 | 2.5 | 0 | 0 | 20 | 00 | 0 | 4 | 0 | 3 | 6 | 6 | 1 | 10 | 0 |
| | 1130 | 317 | 1006.2 | 972.0 | .. | 36.7 | 18.7 | 1.3 | 7.0 | 11 | .. | 1.3 | .. | 7.7 | 0 | 1 | 28 | 03 | 2 | 4 | 1 | 1 | 2 | 9 | 7 | 1 | 0 |
| | 1430 | 317 | 1003.1 | 969.2 | .. | 38.6 | 18.9 | - 1.0 | 5.8 | 9 | .. | 2.8 | .. | 8.6 | 0 | 0 | 30 | 04 | 0 | 0 | 2 | 1 | 3 | 13 | 7 | 0 | 0 |
| | 1730 | 317 | 1001.9 | 967.9 | -0.6 | 37.7 | 18.5 | - 1.2 | 5.7 | 9 | -13 | 3.0 | +0.8 | 5.6 | 0 | 0 | 30 | 03 | 0 | 1 | 1 | 0 | 0 | 14 | 11 | 0 | 0 |
| | 2330 | 317 | 1005.3 | 970.2 | .. | 29.0 | 16.1 | 3.3 | 7.9 | 20 | .. | 2.0 | .. | 3.1 | 0 | 0 | 16 | 02 | 0 | 1 | 3 | 0 | 3 | 5 | 2 | 14 | 0 |
| Rewa | 0830 | 299 | 1007.2 | 974.2 | .. | 30.8 | 18.7 | 9.0 | 11.7 | 26 | .. | 1.7 | .. | 3.0 | 0 | 0 | 26 | 02 | 1 | 3 | 2 | 1 | 6 | 8 | 3 | 4 | 0 |
| | 1730 | 299 | 1001.7 | 969.7 | .. | 38.2 | 21.2 | 8.4 | 11.3 | 17 | .. | 2.4 | .. | 5.3 | 0 | 0 | 30 | 04 | 1 | 2 | 0 | 0 | 2 | 10 | 11 | 0 | 0 |
| Sidhi | 0830 | 272 | 1006.4 | 976.3 | -0.8 | 30.1 | 20.9 | 15.4 | 17.1 | 42 | + 8 | . | .. | 1.1 | 0 | 0 | 15 | 01 | 0 | 4 | 1 | 4 | 0 | 5 | 0 | 15 | 0 |
| | 1730 | 272 | 1001.5 | 972.3 | -0.8 | 37.8 | 24.5 | 17.3 | 19.9 | 31 | +13 | . | .. | 2.9 | 0 | 0 | 30 | 13 | 1 | 2 | 0 | 3 | 0 | 11 | 0 | 0 | 0 |
| Umaria | 0830 | 450 | 1007.3 | 957.3 | -0.1 | 31.2 | 21.8 | 16.8 | 19.3 | 43 | +12 | 2.3 | +0.5 | 4.9 | 0 | 0 | 23 | 01 | 3 | 5 | 2 | 2 | 3 | 4 | 1 | 7 | 2 |
| | 1730 | 459 | 1001.7 | 952.9 | -0.5 | 37.0 | 24.9 | 19.0 | 22.5 | 37 | +17 | 4.1 | +1.3 | 5.4 | 0 | 0 | 29 | 06 | 2 | 0 | 0 | 1 | 1 | 7 | 12 | 1 | 0 |
| Jabalpur | 0530 | 393 | 1006.4 | 962.5 | .. | 23.5 | 16.4 | 10.7 | 12.9 | 45 | .. | 2.6 | .. | 0.7 | 0 | 0 | 6 | 00 | 0 | 1 | 3 | 1 | 0 | 1 | 0 | 24 | 0 |
| | 0830 | 393 | 1007.7 | 964.7 | -0.2 | 30.2 | 19.1 | 10.5 | 13.0 | 31 | + 1 | 2.1 | +0.4 | 3.1 | 0 | 0 | 18 | 01 | 4 | 1 | 1 | 3 | 2 | 5 | 1 | 12 | 0 |
| | 1130 | 393 | 1006.1 | 964.0 | .. | 37.1 | 20.8 | 8.1 | 11.2 | 18 | .. | 2.4 | .. | 5.9 | 0 | 0 | 29 | 01 | 3 | 4 | 3 | 2 | 7 | 6 | 3 | 1 | 0 |
| | 1430 | 393 | 1002.7 | 961.0 | .. | 39.2 | 21.3 | 7.3 | 10.7 | 15 | .. | 3.7 | .. | 7.5 | 0 | 0 | 29 | 03 | 3 | 0 | 0 | 2 | 6 | 10 | 5 | 1 | 0 |
| | 1730 | 393 | 1001.8 | 960.0 | -0.3 | 37.8 | 21.1 | 8.3 | 11.4 | 17 | - 1 | 4.0 | +1.3 | 5.7 | 0 | 0 | 28 | 07 | 2 | 2 | 0 | 1 | 4 | 9 | 3 | 7 | 0 |
| | 2330 | 393 | 1005.8 | 962.6 | .. | 28.5 | 18.7 | 11.4 | 13.6 | 35 | .. | 2.2 | .. | 1.9 | 0 | 0 | 14 | 00 | 5 | 1 | 2 | 2 | 3 | 1 | 0 | 16 | 0 |
| Ambikapur | 0830 | 611 | 1007.4 | 941.2 | -0.5 | 29.2 | 18.1 | 10.1 | 12.5 | 31 | - 3 | 1.2 | +0.0 | 4.5 | 0 | 0 | 27 | 04 | 2 | 2 | 2 | 7 | 7 | 2 | 1 | 3 | 0 |
| | 1730 | 611 | 1001.5 | 936.9 | -0.8 | 35.1 | 19.0 | 6.7 | 8.8 | 19 | + 0 | 3.2 | +1.0 | 10.0 | 0 | 1 | 29 | 06 | 3 | 0 | 2 | 0 | 3 | 5 | 11 | 0 | 0 |
| Jashpurnagar | 0830 | 779 | 1006.9 | 923.3 | .. | 28.5 | 17.6 | 9.4 | 12.2 | 32 | .. | 0.7 | .. | 1.7 | 0 | 0 | 21 | 02 | 7 | 0 | 0 | 1 | 8 | 1 | 2 | 9 | 0 |
| | 1730 | 779 | 1001.4 | 919.5 | .. | 33.5 | 18.7 | 7.2 | 10.7 | 22 | .. | 3.4 | .. | 5.4 | 0 | 0 | 28 | 03 | 0 | 1 | 0 | 0 | 8 | 5 | 10 | 2 | 1 |
| Pendra | 0530 | 685 | 1006.3 | 937.7 | .. | 24.9 | 16.1 | 9.3 | 11.9 | 39 | .. | 2.2 | .. | 4.5 | 0 | 2 | 16 | 05 | 0 | 0 | 1 | 4 | 4 | 1 | 3 | 12 | 0 |
| | 0830 | 685 | 1007.3 | 939.8 | -0.5 | 30.2 | 18.5 | 10.2 | 12.7 | 31 | + 1 | 1.5 | -0.4 | 8.1 | 0 | 3 | 19 | 07 | 1 | 1 | 0 | 8 | 2 | 1 | 2 | 8 | 0 |
| | 1130 | 685 | 1005.6 | 939.3 | .. | 35.1 | 19.4 | 8.2 | 11.0 | 20 | .. | 2.7 | .. | 9.9 | 0 | 2 | 23 | 08 | 3 | 0 | 0 | 7 | 3 | 1 | 2 | 5 | 1 |
| | 1430 | 685 | 1002.1 | 936.3 | .. | 36.3 | 19.7 | 7.7 | 10.8 | 18 | .. | 4.6 | .. | 11.8 | 0 | 7 | 21 | 07 | 0 | 0 | 2 | 5 | 5 | 4 | 5 | 2 | 0 |
| | 1730 | 685 | 1002.0 | 935.6 | -0.5 | 34.1 | 19.4 | 9.3 | 11.8 | 25 | + 2 | 4.4 | +0.9 | 10.2 | 0 | 2 | 25 | 06 | 0 | 0 | 2 | 5 | 3 | 5 | 5 | 3 | 1 |
| | 2330 | 685 | 1005.9 | 938.1 | .. | 27.7 | 17.0 | 9.2 | 12.1 | 34 | .. | 2.3 | .. | 6.6 | 0 | 3 | 20 | 03 | 0 | 0 | 0 | 8 | 2 | 2 | 8 | 7 | 0 |
| Mandla | 0830 | 443 | 1007.7 | 959.2 | -0.7 | 29.1 | 18.7 | 10.8 | 13.1 | 33 | -10 | 2.3 | +0.2 | 2.5 | 0 | 0 | 9 | 03 | 1 | 0 | 0 | 3 | 1 | 0 | 1 | 21 | 0 |
| | 1730 | 443 | 1001.5 | 954.4 | -0.8 | 36.4 | 20.4 | 7.9 | 10.9 | 19 | - 4 | 3.5 | +0.1 | 2.9 | 0 | 0 | 13 | 04 | 0 | 0 | 0 | 5 | 0 | 0 | 4 | 17 | 0 |
| Champa | 0830 | 245 | 1007.8 | 980.7 | -0.9 | 30.9 | 20.3 | 12.9 | 15.2 | 34 | - 2 | 2.3 | +0.1 | 4.2 | 0 | 1 | 23 | 06 | 0 | 5 | 2 | 0 | 2 | 6 | 3 | 6 | 0 |
| | 1730 | 245 | 1001.9 | 975.7 | -0.8 | 38.7 | 21.4 | 8.5 | 11.4 | 16 | - 2 | 4.9 | +1.6 | 6.1 | 0 | 3 | 24 | 06 | 0 | 0 | 0 | 0 | 6 | 8 | 7 | 3 | 0 |
| Raigarh | 0830 | 220 | 1007.9 | 983.6 | -0.3 | 32.1 | 21.4 | 14.6 | 16.7 | 36 | - 2 | 3.0 | +0.7 | 3.7 | 0 | 0 | 30 | 00 | 7 | 2 | 9 | 1 | 8 | 0 | 3 | 0 | 0 |
| | 1730 | 220 | 1001.9 | 978.2 | -0.7 | 38.5 | 22.1 | 10.8 | 13.2 | 20 | + 1 | 4.3 | +1.7 | 2.7 | 0 | 0 | 24 | 06 | 5 | 0 | 0 | 1 | 10 | 0 | 2 | 6 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of sea-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raipur | 0530 | 298 | 1005.9 | 972.7 | .. | 27.3 | 19.9 | 15.1 | 17.3 | 49 | .. | 3.2 | .. | 4.5 | 0 | 0 | 25 | 01 | 0 | 0 | 1 | 8 | 4 | 6 | 5 | 5 | 0 |
| | 0830 | 298 | 1007.9 | 975.2 | -0.1 | 31.6 | 21.7 | 15.5 | 17.8 | 39 | + 3 | 3.1 | +1.3 | 6.0 | 0 | 1 | 26 | 01 | 0 | 1 | 1 | 5 | 6 | 10 | 3 | 3 | 0 |
| | 1130 | 298 | 1006.5 | 974.4 | .. | 37.4 | 23.3 | 14.7 | 17.0 | 27 | .. | 2.1 | .. | 8.1 | 0 | 0 | 29 | 02 | 2 | 0 | 1 | 1 | 4 | 10 | 9 | 1 | 0 |
| | 1430 | 298 | 1002.9 | 971.0 | .. | 39.5 | 23.6 | 13.9 | 16.3 | 23 | .. | 4.4 | .. | 8.2 | 0 | 0 | 29 | 02 | 1 | 0 | 1 | 5 | 7 | 8 | 5 | 1 | 0 |
| | 1730 | 298 | 1002.0 | 970.1 | -0.5 | 37.6 | 23.0 | 13.9 | 16.2 | 26 | + 5 | 4.1 | +1.5 | 8.3 | 0 | 2 | 27 | 01 | 1 | 2 | 2 | 2 | 6 | 11 | 4 | 1 | 0 |
| | 2330 | 298 | 1005.4 | 972.6 | .. | 30.4 | 21.2 | 15.3 | 17.7 | 42 | .. | 1.9 | .. | 7.2 | 0 | 1 | 27 | 00 | 1 | 0 | 3 | 9 | 6 | 6 | 3 | 2 | 0 |
| Kanker | 0830 | 402 | 1007.8 | 964.0 | -0.3 | 31.2 | 23.1 | 18.7 | 21.6 | 50 | + 4 | 3.5 | +1.0 | 1.3 | 0 | 0 | 14 | 01 | 2 | 0 | 0 | 0 | 3 | 8 | 0 | 16 | 0 |
| | 1730 | 402 | 1002.5 | 959.5 | -0.4 | 36.0 | 24.6 | 18.2 | 21.0 | 38 | + 8 | 4.9 | +1.1 | 3.3 | 0 | 0 | 28 | 01 | 3 | 1 | 3 | 0 | 4 | 8 | 7 | 2 | 1 |
| Jagdalpur | 0530 | 553 | 1006.9 | 945.9 | .. | 24.0 | 20.2 | 18.0 | 20.5 | 69 | .. | 3.4 | .. | 2.0 | 0 | 1 | 7 | 00 | 0 | 0 | 1 | 4 | 1 | 0 | 2 | 22 | 0 |
| | 0830 | 553 | 1008.5 | 948.2 | -0.2 | 28.1 | 22.5 | 19.8 | 23.1 | 61 | + 7 | 3.0 | +1.0 | 5.1 | 0 | 1 | 23 | 02 | 1 | 0 | 2 | 6 | 9 | 3 | 1 | 6 | 0 |
| | 1130 | 553 | 1006.7 | 947.6 | .. | 33.9 | 24.2 | 19.7 | 22.9 | 44 | .. | 2.9 | .. | 8.0 | 0 | 1 | 29 | 00 | 0 | 1 | 0 | 3 | 14 | 5 | 7 | 0 | 0 |
| | 1430 | 553 | 1003.1 | 944.6 | .. | 36.0 | 24.9 | 19.8 | 22.9 | 40 | .. | 4.6 | .. | 8.5 | 0 | 4 | 24 | 04 | 2 | 0 | 1 | 2 | 11 | 4 | 4 | 2 | 0 |
| | 1730 | 553 | 1002.9 | 943.9 | -0.1 | 33.8 | 23.9 | 19.1 | 22.4 | 43 | +12 | 5.4 | +1.3 | 8.2 | 0 | 3 | 23 | 02 | 2 | 1 | 1 | 5 | 8 | 3 | 4 | 4 | 0 |
| | 2030 | 553 | 1005.8 | 946.0 | .. | 29.5 | 22.3 | 18.7 | 21.7 | 54 | .. | 3.9 | .. | 5.6 | 0 | 2 | 17 | 02 | 1 | 1 | 4 | 4 | 5 | 1 | 1 | 11 | 0 |
| | 2330 | 553 | 1006.9 | 946.5 | .. | 27.4 | 21.7 | 18.7 | 21.7 | 60 | .. | 3.3 | .. | 6.2 | 0 | 3 | 15 | 00 | 0 | 0 | 5 | 10 | 3 | 0 | 0 | 12 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1009.2 | 993.7 | -0.4 | 25.6 | 18.0 | 12.1 | 14.5 | 45 | - 1 | 1.5 | +0.0 | 4.1 | 0 | 0 | 21 | 00 | 3 | 0 | 0 | 1 | 3 | 3 | 11 | 9 | 0 |
| | 1730 | 136 | 1004.3 | 989.5 | -0.5 | 37.5 | 19.0 | 1.5 | 6.9 | 12 | - 9 | 1.1 | -0.8 | 10.1 | 0 | 1 | 29 | 00 | 1 | 0 | 0 | 3 | 5 | 13 | 8 | 0 | 0 |
| Radhanpur | 0830 | 30 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 30 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Idar | 0830 | 219 | 1008.7 | 984.1 | -0.7 | 27.8 | 17.9 | 9.6 | 12.5 | 36 | - 4 | 1.2 | -0.4 | 3.5 | 0 | 0 | 23 | 02 | 1 | 4 | 1 | 1 | 1 | 8 | 5 | 7 | 0 |
| | 1730 | 219 | 1004.2 | 980.4 | -0.8 | 36.7 | 19.8 | 5.3 | 9.3 | 15 | - 5 | 1.3 | -0.8 | 5.3 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 1 | 3 | 24 | 2 | 0 | 0 |
| Ahmadabad | 0230 | 55 | 1007.1 | 1000.8 | .. | 26.5 | 18.1 | 11.5 | 13.9 | 40 | .. | 0.6 | .. | 9.3 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 0 | 1 | 14 | 12 | 2 | 0 |
| | 0530 | 55 | 1007.2 | 1000.9 | .. | 23.9 | 18.1 | 13.6 | 16.1 | 55 | .. | 0.8 | .. | 9.5 | 0 | 0 | 28 | 01 | 1 | 0 | 0 | 0 | 0 | 10 | 16 | 2 | 0 |
| | 0830 | 55 | 1009.3 | 1003.0 | -0.5 | 26.1 | 20.0 | 15.8 | 18.4 | 54 | + 5 | 1.3 | +0.0 | 11.0 | 0 | 1 | 28 | 01 | 0 | 1 | 0 | 0 | 1 | 6 | 20 | 1 | 0 |
| | 1130 | 55 | 1009.2 | 1003.1 | .. | 34.0 | 21.6 | 13.2 | 15.7 | 30 | .. | 0.9 | .. | 12.6 | 0 | 2 | 28 | 03 | 0 | 2 | 1 | 1 | 3 | 5 | 15 | 0 | 0 |
| | 1430 | 55 | 1006.5 | 1000.4 | .. | 37.9 | 22.0 | 10.7 | 13.5 | 21 | .. | 1.0 | .. | 11.3 | 0 | 1 | 28 | 02 | 1 | 0 | 1 | 2 | 3 | 12 | 7 | 1 | 1 |
| | 1730 | 55 | 1004.8 | 998.8 | -0.3 | 38.1 | 21.7 | 9.7 | 12.5 | 20 | + 2 | 1.4 | -0.1 | 12.6 | 0 | 1 | 29 | 02 | 1 | 1 | 0 | 2 | 3 | 10 | 9 | 0 | 2 |
| | 2030 | 55 | 1006.2 | 1000.0 | .. | 32.6 | 20.2 | 11.1 | 13.6 | 28 | .. | 0.8 | .. | 6.3 | 0 | 0 | 23 | 01 | 0 | 0 | 1 | 0 | 4 | 11 | 6 | 7 | 0 |
| | 2330 | 55 | 1007.5 | 1001.3 | .. | 29.3 | 19.4 | 12.1 | 14.5 | 36 | .. | 0.8 | .. | 8.7 | 0 | 1 | 24 | 01 | 0 | 0 | 0 | 0 | 11 | 9 | 4 | 5 | 0 |
| Dohad | 0830 | 333 | 1008.8 | 971.8 | -0.8 | 27.4 | 17.3 | 8.2 | 11.5 | 33 | - 5 | 1.2 | -0.1 | 14.9 | 0 | 11 | 18 | 01 | 1 | 2 | 1 | 0 | 6 | 15 | 3 | 1 | 0 |
| | 1730 | 333 | 1003.9 | 968.2 | -0.6 | 36.7 | 18.3 | - 1.2 | 6.1 | 10 | - 5 | 1.2 | +0.3 | 16.0 | 0 | 11 | 19 | 03 | 0 | 0 | 0 | 0 | 9 | 16 | 2 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1009.3 | 1004.3 | .. | 24.4 | 19.6 | 16.5 | 18.9 | 62 | .. | 1.1 | .. | 4.5 | 0 | 0 | 26 | 04 | 0 | 0 | 0 | 3 | 4 | 10 | 5 | 4 | 0 |
| | 1730 | 44 | 1004.9 | 1000.1 | .. | 37.5 | 22.9 | 13.5 | 16.0 | 25 | .. | 1.5 | .. | 5.9 | 0 | 0 | 29 | 04 | 1 | 0 | 0 | 3 | 7 | 7 | 7 | 1 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1009.7 | 1005.4 | -0.3 | 26.5 | 20.2 | 15.5 | 18.5 | 52 | + 6 | 1.0 | -0.2 | 13.1 | 0 | 5 | 23 | 02 | 2 | 0 | 0 | 2 | 8 | 8 | 6 | 2 | 0 |
| | 1130 | 38 | 1009.4 | 1005.2 | .. | 39.6 | 21.4 | 13.3 | 15.6 | 30 | .. | 0.7 | .. | 13.0 | 0 | 3 | 26 | 03 | 1 | 0 | 2 | 1 | 4 | 9 | 9 | 1 | 0 |
| | 1730 | 38 | 1004.8 | 1000.7 | -0.3 | 37.7 | 21.2 | 8.9 | 11.7 | 18 | + 1 | 1.3 | +0.0 | 15.7 | 0 | 6 | 23 | 01 | 1 | 0 | 0 | 0 | 6 | 14 | 7 | 1 | 0 |
| Baroda | 0530 | 34 | 1007.6 | 1003.6 | .. | 23.4 | 19.7 | 17.3 | 20.0 | 70 | .. | 0.2 | .. | 0.8 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 7 | 0 | 1 | 22 | 0 |
| | 0830 | 34 | 1009.6 | 1005.7 | -0.5 | 25.9 | 21.3 | 18.7 | 21.6 | 64 | +10 | 1.0 | +0.0 | 3.0 | 0 | 0 | 28 | 00 | 4 | 0 | 1 | 0 | 14 | 1 | 8 | 2 | 0 |
| | 1130 | 34 | 1009.7 | 1005.9 | .. | 34.1 | 23.8 | 18.2 | 21.0 | 40 | .. | 0.9 | .. | 3.3 | 0 | 0 | 30 | 00 | 6 | 0 | 1 | 0 | 7 | 1 | 15 | 0 | 0 |
| | 1730 | 34 | 1005.1 | 1001.3 | -0.1 | 38.6 | 25.8 | 19.2 | 22.7 | 34 | +13 | 1.0 | +0.0 | 4.2 | 0 | 0 | 29 | 00 | 4 | 0 | 0 | 0 | 10 | 3 | 12 | 1 | 0 |
| | 2330 | 34 | 1007.8 | 1003.9 | .. | 27.7 | 21.8 | 18.2 | 21.3 | 56 | .. | 0.0 | .. | 3.1 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 15 | 2 | 7 | 6 | 0 |
| Broach | 0830 | 17 | 1009.1 | 1007.1 | -0.5 | 25.3 | 21.2 | 18.7 | 21.8 | 66 | + 7 | 1.3 | -0.1 | 5.3 | 0 | 0 | 30 | 04 | 2 | 1 | 3 | 0 | 7 | 8 | 5 | 0 | 0 |
| | 1730 | 17 | 1004.9 | 1003.0 | -0.3 | 37.5 | 24.3 | 16.8 | 19.5 | 32 | + 9 | 1.3 | +0.3 | 7.1 | 0 | 0 | 30 | 01 | 1 | 0 | 3 | 0 | 7 | 8 | 10 | 0 | 0 |
| Surat | 0530 | 12 | 1007.4 | 1006.1 | .. | 23.7 | 20.9 | 19.2 | 22.4 | 77 | .. | 0.5 | .. | 6.2 | 0 | 0 | 30 | 00 | 14 | 0 | 6 | 0 | 5 | 1 | 4 | 0 | 0 |
| | 0830 | 12 | 1010.0 | 1008.7 | -0.3 | 26.5 | 21.5 | 18.6 | 21.6 | 63 | - 1 | 1.3 | -0.7 | 5.4 | 0 | 0 | 26 | 00 | 9 | 0 | 4 | 1 | 5 | 0 | 7 | 4 | 0 |
| | 1130 | 12 | 1010.0 | 1008.7 | .. | 32.6 | 21.7 | 14.7 | 17.0 | 35 | .. | 1.3[b] | .. | 8.0[b] | 0 | 0 | 28 | 04 | 8 | 0 | 0 | 0 | 5 | 2 | 9 | 1 | 0 |
| | 1730 | 12 | 1006.1 | 1004.8 | -0.1 | 34.5 | 22.1 | 13.9 | 16.5 | 32 | - 8 | 1.4 | -0.1 | 8.1 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 0 | 15 | 0 | 14 | 0 | 0 |
| | 2330 | 12 | 1008.0 | 1006.7 | .. | 26.5 | 22.7 | 20.6 | 24.4 | 70 | .. | 0.1 | .. | 8.2 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 2 | 15 | 7 | 4 | 1 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1009.4 | 1007.0 | -0.5 | 24.0 | 22.2 | 21.3 | 25.3 | 85 | + 6 | 2.2 | -0.1 | 8.4 | 0 | 3 | 22 | 01 | 2 | 0 | 1 | 3 | 10 | 5 | 3 | 5 | 0 |
| | 1730 | 21 | 1006.9 | 1004.5 | -0.4 | 30.2 | 24.4 | 21.5 | 25.8 | 61 | +13 | 1.8 | +0.1 | 14.3 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 1 | 15 | 14 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1007.2 | 998.7 | .. | 24.1 | 20.8 | 18.8 | 21.8 | 74 | .. | 0.7 | .. | 8.7 | 0 | 1 | 19 | 00 | 0 | 0 | 0 | 0 | 8 | 10 | 2 | 10 | 0 |
| | 0530 | 80 | 1007.8 | 998.6 | .. | 22.4 | 20.2 | 18.7 | 21.8 | 81 | .. | 0.7 | .. | 7.9 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 7 | 11 | 2 | 10 | 0 |
| | 0830 | 80 | 1009.5 | 1000.3 | -0.2 | 25.2 | 21.3 | 18.9 | 22.1 | 69 | +12 | 1.3 | +0.3 | 13.7 | 0 | 7 | 19 | 02 | 0 | 0 | 0 | 0 | 6 | 14 | 4 | 4 | 0 |
| | 1130 | 80 | 1009.4 | 1000.5 | .. | 33.0 | 21.4 | 13.6 | 16.0 | 32 | .. | 1.3 | .. | 19.3 | 0 | 11 | 19 | 04 | 3 | 0 | 0 | 0 | 2 | 9 | 12 | 0 | 0 |
| | 1430 | 80 | 1007.0 | 998.1 | .. | 36.4 | 22.2 | 12.3 | 15.2 | 26 | .. | 1.9 | .. | 17.6 | 0 | 14 | 12 | 03 | 1 | 0 | 0 | 1 | 5 | 10 | 6 | 4 | 0 |
| | 1730 | 80 | 1005.7 | 996.8 | -0.2 | 35.5 | 22.2 | 12.8 | 15.9 | 28 | + 6 | 1.9 | +1.1 | 22.4 | 0 | 20 | 8 | 04 | 0 | 0 | 0 | 0 | 4 | 10 | 10 | 2 | 0 |
| | 2030 | 80 | 1007.3 | 998.3 | .. | 29.8 | 21.4 | 16.1 | 18.6 | 46 | .. | 0.8 | .. | 19.5 | 0 | 14 | 16 | 00 | 0 | 0 | 0 | 0 | 5 | 16 | 9 | 0 | 0 |
| | 2330 | 80 | 1008.6 | 999.4 | .. | 25.7 | 21.3 | 18.5 | 21.7 | 67 | .. | 0.7 | .. | 14.9 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 3 | 24 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 0830 | 35 | 1009.7 | 1005.8 | .. | 26.8 | 19.9 | 15.0 | 17.6 | 51 | .. | 1.3 | .. | 21.0 | 0 | 21 | 7 | 00 | 0 | 0 | 1 | 1 | 11 | 8 | 7 | 2 | 0 |
| | 1130 | 35 | 1009.6 | 1005.7 | .. | 34.1 | 19.9 | 8.4 | 11.7 | 23 | .. | 1.0 | .. | 21.3 | 0 | 19 | 11 | 01 | 1 | 1 | 0 | 2 | 5 | 14 | 6 | 0 | 0 |
| | 1730 | 35 | 1005.7 | 1001.9 | .. | 35.8 | 20.2 | 7.4 | 10.9 | 19 | .. | 1.4 | .. | 31.4 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 8 | 11 | 7 | 4 | 0 | 0 |
| New Kandla | 0830 | 14 | 1010.0 | 1008.4 | -0.5 | 25.3 | 20.6 | 17.6 | 20.5 | 65 | - 2 | 2.0 | +0.0 | 13.1 | 0 | 6 | 24 | 01 | 1 | 0 | 0 | 1 | 8 | 13 | 6 | 0 | 0 |
| | 1730 | 14 | 1006.3 | 1004.7 | -0.6 | 32.5 | 22.4 | 15.7 | 18.8 | 40 | - 4 | 1.7 | -0.4 | 31.9 | 0 | 27 | 3 | 02 | 0 | 0 | 0 | 1 | 14 | 11 | 2 | 0 | 0 |
| Mahdvi | 0830 | 9 | 1010.1 | 1009.0 | -0.3 | 25.0 | 22.5 | 21.1 | 25.3 | 80 | + 1 | 2.6 | +1.0 | 21.6 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 10 | 0 | 0 |
| | 1730 | 9 | 1007.3 | 1006.2 | -1.1 | 28.4 | 24.0 | 21.9 | 26.3 | 69 | - 8 | 2.4 | +0.9 | 37.7 | 0 | 30 | 0 | 00 | 0 | 0 | 0 | 0 | 3 | 26 | 1 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1009.4 | 1001.0 | -0.4 | 26.6 | 21.9 | 19.1 | 22.4 | 65 | + 7 | 1.7 | +0.4 | 8.8 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 0 |
| | 1730 | 74 | 1004.9 | 996.8 | -0.5 | 37.5 | 22.7 | 12.8 | 15.5 | 24 | - 1 | 1.4 | -0.1 | 7.0 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 1 | 1 | 25 | 0 | 3 | 0 |
| Okha | 0530 | 7 | 1005.2 | 1004.4 | .. | 24.5 | 23.1 | 22.3 | 27.1 | 88 | .. | 1.2 | .. | 22.2 | 0 | 20 | 10 | 00 | 0 | 0 | 0 | 0 | 3 | 13 | 14 | 0 | 0 |
| | 0830 | 7 | 1010.5 | 1009.7 | .. | 25.5 | 23.5 | 22.6 | 27.3 | 84 | .. | 1.7 | .. | 20.3 | 0 | 15 | 15 | 01 | 0 | 0 | 0 | 0 | 3 | 13 | 13 | 0 | 0 |
| | 1130 | 7 | 1011.1 | 1010.3 | .. | 27.4 | 24.3 | 22.9 | 27.9 | 77 | .. | 1.1 | .. | 23.5 | 0 | 22 | 8 | 00 | 0 | 0 | 0 | 0 | 1 | 16 | 13 | 0 | 0 |
| | 1730 | 7 | 1008.0 | 1007.2 | .. | 27.2 | 24.4 | 23.0 | 28.3 | 78 | .. | 1.4 | .. | 28.5 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 0 | 2 | 19 | 9 | 0 | 0 |
| | 2330 | 7 | 1009.8 | 1009.0 | .. | 25.0 | 23.5 | 22.7 | 27.6 | 87 | .. | 0.5 | .. | 24.5 | 0 | 22 | 8 | 00 | 0 | 0 | 0 | 0 | 2 | 20 | 8 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1008.3 | 1006.0 | .. | 20.9 | 19.8 | 19.3 | 22.4 | 90 | .. | 1.3 | .. | 12.3 | 0 | 1 | 26 | 00 | 0 | 0 | 0 | 0 | 13 | 12 | 2 | 3 | 0 |
| | 0830 | 20 | 1009.7 | 1007.4 | -0.6 | 25.3 | 22.8 | 21.5 | 25.6 | 80 | +12 | 1.6 | +0.4 | 17.1 | 0 | 13 | 17 | 01 | 0 | 0 | 0 | 0 | 6 | 19 | 4 | 0 | 0 |
| | 1130 | 20 | 1009.9 | 1007.7 | .. | 30.0 | 23.5 | 19.9 | 23.5 | 56 | .. | 1.4 | .. | 21.8 | 0 | 22 | 8 | 02 | 0 | 0 | 0 | 0 | 0 | 17 | 11 | 0 | 0 |
| | 1730 | 20 | 1006.8 | 1004.5 | +0.1 | 30.1 | 23.3 | 19.6 | 22.9 | 55 | +13 | 1.1 | -0.2 | 28.6 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 0 |
| | 2330 | 20 | 1008.8 | 1006.5 | .. | 23.9 | 21.9 | 20.8 | 24.6 | 84 | .. | 0.8 | .. | 19.8 | 0 | 14 | 16 | 00 | 0 | 0 | 0 | 0 | 5 | 22 | 3 | 0 | 0 |
| Dwarka | 0830 | 11 | 1010.2 | 1008.9 | -0.5 | 25.8 | .. | .. | .. | .. | .. | 0.9 | -1.2 | 14.9 | 0 | 7 | 23 | 03 | 0 | 0 | 0 | 0 | 1 | 23 | 3 | 0 | 0 |
| | 1730 | 11 | 1007.8 | 1006.4 | -0.3 | 27.3 | .. | .. | .. | .. | .. | 0.9 | -0.3 | 20.6 | 0 | 16 | 14 | 00 | 0 | 0 | 0 | 0 | 1 | 29 | 0 | 0 | 0 |
| Rajkot | 0530 | 138 | 1008.3 | 992.5 | .. | 21.2 | 19.4 | 18.3 | 21.0 | 83 | .. | 1.3 | .. | 12.5 | 0 | 10 | 16 | 00 | 0 | 0 | 0 | 1 | 6 | 11 | 8 | 4 | 0 |
| | 0830 | 138 | 1009.9 | 994.3 | -0.4 | 24.7 | 21.2 | 19.1 | 22.4 | 72 | + 6 | 0.5 | -1.0 | 23.5 | 0 | 23 | 7 | 00 | 0 | 0 | 0 | 0 | 2 | 12 | 16 | 0 | 0 |
| | 1130 | 138 | 1009.5 | 994.2 | .. | 32.7 | 21.5 | 14.1 | 16.5 | 34 | .. | 0.4 | .. | 23.0 | 0 | 19 | 11 | 03 | 1 | 1 | 0 | 0 | 2 | 4 | 19 | 0 | 0 |
| | 1430 | 138 | 1006.5 | 991.5 | .. | 36.2 | 22.0 | 12.4 | 14.9 | 25 | .. | 0.9 | .. | 22.5 | 0 | 20 | 9 | 02 | 1 | 1 | 0 | 0 | 1 | 8 | 15 | 1 | 1 |
| | 1730 | 138 | 1005.3 | 990.3 | -0.1 | 36.0 | 21.7 | 11.6 | 14.3 | 24 | + 6 | 0.7 | -0.7 | 30.5 | 0 | 27 | 3 | 02 | 0 | 0 | 0 | 0 | 0 | 3 | 24 | 0 | 1 |
| Bhavnagar Aerodrome) | 0830 | 11 | 1009.7 | 1008.5 | -0.7 | 27.1 | 19.5 | 14.0 | 16.5 | 47 | + 3 | 0.9 | -0.3 | 16.8 | 0 | 10 | 20 | 02 | 0 | 0 | 0 | 0 | 1 | 8 | 18 | 0 | 1 |
| | 1130 | 11 | 1009.7 | 1008.6 | .. | 33.2 | 21.2 | 12.8 | 15.4 | 31 | .. | 0.8 | .. | 18.9 | 0 | 15 | 15 | 05 | 5 | 9 | 5 | 0 | 0 | 0 | 5 | 0 | 1 |
| | 1730 | 11 | 1005.4 | 1004.2 | -0.5 | 35.8 | 20.9 | 9.5 | 12.5 | 23 | - 4 | 1.0 | -0.4 | 26.3 | 0 | 23 | 7 | 00 | 1 | 4 | 14 | 9 | 1 | 0 | 1 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1010.3 | 1009.5 | +0.0 | 25.4 | 22.5 | 21.0 | 24.9 | 77 | - 2 | 2.0 | +0.9 | 16.5 | 0 | 6 | 24 | 01 | 0 | 0 | 0 | 0 | 1 | 6 | 22 | 0 | 0 |
| | 1130 | 7 | 1010.5 | 1009.7 | .. | 30.9 | 22.8 | 17.8 | 21.0 | 49 | .. | 1.2 | .. | 22.5 | 0 | 20 | 10 | 01 | 0 | 0 | 0 | 0 | 5 | 15 | 9 | 0 | 0 |
| | 1730 | 7 | 1007.3 | 1006.5 | -0.3 | 29.6 | 23.1 | 19.6 | 22.9 | 57 | -10 | 1.2 | -0.5 | 25.5 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 0 | 2 | 27 | 1 | 0 | 0 |
| Keshod | 0830 | 51 | 1010.2 | 1004.4 | -0.6 | 25.1 | 20.5 | 17.6 | 20.4 | 65 | - 2 | 1.3 | -0.5 | 12.7 | 0 | 3 | 27 | 11 | 3 | 0 | 0 | 0 | 1 | 9 | 6 | 0 | 0 |
| | 1130 | 51 | 1010.1 | 1004.4 | .. | 32.4 | 20.5 | 12.1 | 14.5 | 31 | .. | 1.2 | .. | 18.4 | 0 | 13 | 17 | 08 | 0 | 0 | 0 | 0 | 1 | 9 | 12 | 0 | 0 |
| | 1730 | 51 | 1006.7 | 1001.0 | -0.6 | 33.4 | 21.5 | 12.2 | 15.9 | 30 | - 2 | 0.7 | -0.4 | 34.9 | 0 | 30 | 0 | 01 | 0 | 0 | 0 | 0 | 2 | 25 | 2 | 0 | 0 |
| Mahuva | 0830 | 9 | 1008.9 | 1007.9 | .. | 25.8 | 22.1 | 19.4 | 23.5 | 70 | .. | 1.1 | .. | 4.3 | 0 | 0 | 29 | 05 | 3 | 0 | 0 | 2 | 3 | 2 | 14 | 1 | 0 |
| | 1730 | 9 | 1006.7 | 1005.7 | .. | 30.6 | .. | .. | .. | .. | .. | 0.9 | .. | 6.5 | 0 | 0 | 30 | 00 | 0 | 0 | 2 | 4 | 23 | 1 | 0 | 0 | 0 |
| Veraval | 0230 | 8 | 1008.5 | 1007.5 | .. | 23.3 | 21.3 | 20.1 | 23.7 | 83 | .. | 1.0 | .. | 14.1 | 0 | 7 | 22 | 05 | 0 | 0 | 0 | 0 | 1 | 6 | 17 | 1 | 0 |
| | 0530 | 8 | 1008.2 | 1007.3 | .. | 22.2 | 20.4 | 19.3 | 22.5 | 84 | .. | 1.2 | .. | 13.7 | 0 | 6 | 22 | 10 | 0 | 0 | 0 | 0 | 0 | 5 | 13 | 2 | 0 |
| | 0830 | 8 | 1010.3 | 1009.4 | -0.3 | 24.7 | 21.5 | 19.5 | 22.9 | 74 | + 2 | 1.5 | -0.2 | 16.7 | 0 | 14 | 15 | 09 | 0 | 0 | 0 | 0 | 1 | 3 | 16 | 1 | 0 |
| | 1130 | 8 | 1010.6 | 1009.7 | .. | 26.0 | 23.5 | 20.1 | 24.1 | 62 | .. | 1.0 | .. | 22.5 | 0 | 25 | 5 | 02 | 0 | 0 | 0 | 0 | 3 | 19 | 6 | 0 | 0 |
| | 1430 | 8 | 1005.1 | 1004.3 | .. | 28.8 | 24.5 | 22.4 | 27.3 | 68 | .. | 1.1 | .. | 28.6 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 0 | 4 | 22 | 4 | 0 | 0 |
| | 1730 | 8 | 1007.3 | 1006.4 | -0.1 | 27.8 | 24.1 | 22.3 | 26.9 | 72 | - 6 | 0.8 | -0.3 | 29.1 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 0 | 3 | 22 | 5 | 0 | 0 |
| | 2030 | 8 | 1008.7 | 1007.8 | .. | 26.1 | 23.2 | 21.6 | 25.9 | 77 | .. | 0.5 | .. | 24.3 | 0 | 23 | 7 | 00 | 1 | 0 | 0 | 0 | 1 | 17 | 11 | 0 | 0 |
| | 2330 | 8 | 1009.5 | 1008.6 | .. | 24.7 | 22.2 | 20.8 | 24.7 | 79 | .. | 0.9 | .. | 15.0 | 0 | 8 | 21 | 02 | 0 | 0 | 0 | 0 | 0 | 8 | 19 | 1 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1009.7 | 1009.1 | -0.2 | 27.4 | 23.5 | 21.5 | 25.6 | 70 | - 3 | . | .. | 8.9 | 0 | 1 | 29 | 00 | 3 | 17 | 8 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 5 | 1006.9 | 1006.4 | +0.3 | 29.5 | 23.9 | 21.0 | 25.0 | 61 | - 9 | . | .. | 13.9 | 0 | 4 | 26 | 01 | 0 | 1 | 0 | 0 | 1 | 14 | 13 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1008.1 | 1006.4 | .. | 24.6 | 22.3 | 21.1 | 25.0 | 82 | .. | 1.5 | .. | 2.5 | 0 | 0 | 13 | 04 | 4 | 0 | 0 | 0 | 0 | 0 | 5 | 17 | 0 |
| | 0530 | 14 | 1008.2 | 1006.5 | .. | 23.4 | 21.7 | 20.8 | 24.6 | 86 | .. | 1.7 | .. | 1.9 | 0 | 0 | 13 | 02 | 6 | 3 | 0 | 1 | 1 | 0 | 0 | 17 | 0 |
| | 0830 | 14 | 1010.1 | 1008.5 | -0.1 | 27.5 | 23.0 | 20.7 | 24.4 | 67 | + 0 | 3.1 | +0.4 | 3.7 | 0 | 0 | 18 | 03 | 4 | 3 | 0 | 1 | 2 | 1 | 4 | 12 | 0 |
| | 1130 | 14 | 1010.2 | 1008.5 | .. | 30.6 | 23.9 | 20.1 | 24.1 | 54 | .. | 2.6 | .. | 14.6 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 0 | 1 | 12 | 16 | 0 | 0 |
| | 1430 | 14 | 1007.8 | 1006.2 | .. | 31.3 | 23.8 | 19.8 | 23.2 | 51 | .. | 1.4 | .. | 18.5 | 0 | 14 | 16 | 02 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 0 | 0 |
| | 1730 | 14 | 1006.7 | 1005.1 | +0.0 | 30.1 | 23.3 | 19.7 | 22.9 | 54 | - 3 | 1.2 | -0.5 | 18.0 | 0 | 10 | 20 | 04 | 0 | 0 | 0 | 0 | 1 | 2 | 23 | 0 | 0 |
| | 2030 | 14 | 1008.1 | 1006.5 | .. | 27.2 | 22.9 | 20.6 | 24.4 | 68 | .. | 0.6 | .. | 9.5 | 0 | 1 | 28 | 04 | 0 | 0 | 0 | 1 | 1 | 0 | 2 | 22 | 1 |
| | 2330 | 14 | 1009.1 | 1007.4 | .. | 25.8 | 22.7 | 21.1 | 25.0 | 76 | .. | 0.9 | .. | 4.5 | 0 | 0 | 21 | 04 | 1 | 0 | 0 | 1 | 0 | 1 | 14 | 9 | 0 |
| Bombay | 0830 | 11 | 1010.1 | 1008.9 | -0.2 | 27.3 | 23.7 | 21.9 | 26.3 | 73 | + 0 | 2.8 | +0.5 | 5.9 | 0 | 0 | 29 | 04 | 2 | 4 | 1 | 0 | 2 | 0 | 14 | 1 | 2 |
| | 1130 | 11 | 1010.3 | 1009.1 | .. | 30.1 | 24.5 | 21.8 | 26.1 | 62 | .. | 1.9 | .. | 11.2 | 0 | 2 | 28 | 01 | 0 | 0 | 0 | 0 | 0 | 3 | 7 | 18 | 0 |
| | 1730 | 11 | 1006.9 | 1005.7 | -0.1 | 29.4 | 24.0 | 21.3 | 25.5 | 62 | - 4 | 1.0 | -0.2 | 16.7 | 0 | 10 | 20 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 25 | 0 |
| Alibag | 0830 | 7 | 1010.0 | 1009.2 | -0.7 | 27.3 | 23.4 | 21.5 | 25.6 | 72 | - 2 | 3.3 | +1.2 | 4.9 | 0 | 0 | 22 | 10 | 5 | 0 | 2 | 2 | 1 | 0 | 2 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhira | 0830 | 96 | 1009.5 | 998.6 | .. | 25.9 | 21.4 | 18.8 | 21.8 | 65 | .. | 2.2 | .. | 0.7 | 0 | 0 | 9 | 01 | 0 | 0 | 0 | 0 | 4 | 4 | 0 | 21 | 0 |
| | 1730 | 96 | 1004.7 | 994.3 | .. | 35.9 | 23.0 | 15.2 | 17.6 | 30 | .. | 1.4 | .. | 5.5 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 0 | 18 | 5 | 5 | 1 | 0 |
| Harnai | 0830 | 20 | 1010.0 | 1007.7 | +0.1 | 26.8 | 23.7 | 22.1 | 26.7 | 75 | + 0 | 3.6 | +0.5 | 10.0 | 0 | 3 | 24 | 10 | 9 | 3 | 1 | 3 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 20 | 1007.0 | 1004.7 | +0.2 | 28.0 | 24.9 | 23.3 | 28.9 | 75 | - 3 | 2.5 | -0.2 | 34.3 | 0 | 27 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1009.8 | 1005.8 | -0.2 | 26.8 | 23.7 | 22.1 | 26.7 | 75 | + 2 | 2.7 | -0.4 | 5.9 | 0 | 0 | 28 | 02 | 3 | 11 | 7 | 0 | 0 | 2 | 3 | 2 | 0 |
| | 1730 | 35 | 1006.5 | 1002.5 | -0.5 | 29.7 | 24.7 | 22.3 | 26.9 | 65 | - 2 | 1.6 | -1.2 | 13.9 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 1 | 15 | 14 | 0 | 0 |
| Devgarh | 0830 | 36 | 1009.8 | 1005.8 | -0.3 | 26.9 | 24.3 | 23.1 | 28.3 | 80 | + 3 | 3.0 | -0.7 | 9.3 | 0 | 2 | 28 | 07 | 10 | 2 | 3 | 3 | 0 | 1 | 4 | 0 | 0 |
| | 1730 | 36 | 1006.7 | 1002.7 | -0.1 | 30.0 | 25.9 | 24.1 | 30.0 | 71 | + 0 | 1.9 | -1.1 | 27.1 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 28 | 0 | 0 |
| Vengurla | 0230 | 9 | 1008.2 | 1007.2 | .. | 25.3 | 23.0 | 21.8 | 26.3 | 81 | .. | 1.1 | .. | 1.0 | 0 | 0 | 6 | 04 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 0530 | 9 | 1008.1 | 1007.1 | .. | 24.3 | 22.6 | 21.6 | 25.9 | 85 | .. | 2.0 | .. | 2.0 | 0 | 0 | 13 | 08 | 2 | 1 | 0 | 0 | 0 | 0 | 2 | 17 | 0 |
| | 0830 | 9 | 1010.3 | 1009.3 | -0.3 | 27.2 | 23.6 | 21.8 | 26.1 | 72 | + 1 | 2.2 | -0.7 | 3.6 | 0 | 0 | 22 | 12 | 3 | 5 | 2 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 1130 | 9 | 1009.9 | 1008.9 | .. | 31.0 | 24.9 | 22.0 | 26.6 | 59 | .. | 1.2 | .. | 8.7 | 0 | 1 | 29 | 01 | 0 | 0 | 0 | 3 | 10 | 15 | 1 | 0 | 0 |
| | 1730 | 9 | 1006.8 | 1005.8 | -0.2 | 29.9 | 24.4 | 21.6 | 25.9 | 62 | - 3 | 1.4 | -1.4 | 11.1 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 2 | 19 | 9 | 0 | 0 |
| | 2330 | 9 | 1009.2 | 1008.2 | .. | 26.4 | 23.4 | 21.9 | 26.3 | 76 | .. | 1.4 | .. | 2.9 | 0 | 1 | 12 | 04 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 17 | 0 |
| Panjim | 0530 | 60 | 1007.9 | 1001.1 | .. | 25.2 | 22.9 | 21.7 | 25.9 | 81 | .. | 2.9 | .. | 6.5 | 0 | 0 | 27 | 07 | 6 | 8 | 3 | 1 | 0 | 1 | 1 | 3 | 0 |
| | 0830 | 60 | 1010.0 | 1003.2 | .. | 27.0 | 23.6 | 21.9 | 26.3 | 74 | .. | 3.4 | .. | 5.7 | 0 | 1 | 23 | 06 | 10 | 5 | 1 | 0 | 0 | 0 | 2 | 6 | 0 |
| | 1130 | 60 | 1009.9 | 1003.2 | .. | 30.8 | 24.6 | 21.5 | 25.8 | 58 | .. | 3.2 | .. | 13.7 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 1 | 5 | 16 | 8 | 0 | 0 |
| | 1430 | 60 | 1007.3 | 1000.6 | .. | 31.3 | 25.0 | 22.0 | 26.6 | 58 | .. | 1.6 | .. | 19.6 | 0 | 18 | 12 | 01 | 0 | 0 | 0 | 0 | 1 | 21 | 7 | 0 | 0 |
| | 1730 | 60 | 1006.5 | 999.8 | .. | 29.9 | 24.4 | 21.8 | 25.9 | 62 | .. | 2.6 | .. | 19.1 | 0 | 15 | 15 | 02 | 0 | 0 | 0 | 0 | 0 | 9 | 19 | 0 | 0 |
| | 2030 | 60 | 1008.1 | 1001.3 | .. | 27.7 | 23.9 | 22.0 | 26.6 | 71 | .. | 2.0 | .. | 12.8 | 0 | 4 | 26 | 07 | 0 | 0 | 0 | 0 | 1 | 1 | 21 | 0 | 0 |
| | 2330 | 60 | 1009.0 | 1002.2 | .. | 26.9 | 23.6 | 21.9 | 26.3 | 74 | .. | 1.8 | .. | 8.5 | 0 | 0 | 27 | 11 | 4 | 0 | 1 | 0 | 0 | 1 | 10 | 3 | 0 |
| Mormugao | 0530 | 62 | 1007.4 | 1000.4 | .. | 26.3 | 23.5 | 22.1 | 26.6 | 78 | .. | 3.1 | .. | 12.6 | 0 | 4 | 26 | 10 | 7 | 4 | 3 | 1 | 1 | 3 | 1 | 0 | 0 |
| | 0830 | 62 | 1009.4 | 1002.5 | -1.1 | 27.6 | 24.0 | 22.3 | 26.9 | 74 | + 2 | 3.5 | -0.1 | 9.0 | 0 | 1 | 29 | 11 | 8 | 1 | 1 | 3 | 3 | 2 | 1 | 0 | 0 |
| | 1130 | 62 | 1009.4 | 1002.5 | .. | 29.5 | 24.6 | 22.3 | 26.9 | 65 | .. | 2.2 | .. | 16.6 | 0 | 9 | 21 | 00 | 0 | 0 | 0 | 0 | 5 | 13 | 12 | 0 | 0 |
| | 1730 | 62 | 1006.0 | 999.1 | -1.1 | 29.3 | 24.8 | 22.7 | 27.6 | 68 | - 1 | 2.6 | -0.4 | 23.7 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 3 | 6 | 21 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1008.1 | 1002.3 | .. | 25.9 | 23.5 | 22.0 | 26.9 | 81 | .. | 3.5 | .. | 6.9 | 0 | 4 | 7 | 05 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 52 | 1010.1 | 1004.3 | .. | 27.5 | 25.8 | 22.0 | 26.6 | 72 | .. | 3.9 | .. | 8.8 | 0 | 3 | 15 | 07 | 5 | 0 | 2 | 1 | 0 | 2 | 1 | 12 | 0 |
| | 1130 | 52 | 1010.1 | 1004.3 | .. | 30.0 | 24.4 | 21.7 | 25.9 | 62 | .. | 3.0 | .. | 20.7 | 0 | 11 | 19 | 06 | 0 | 0 | 0 | 0 | 4 | 11 | 9 | 0 | 0 |
| | 1730 | 52 | 1006.6 | 1000.8 | .. | 29.7 | 24.8 | 22.5 | 27.3 | 65 | .. | 2.8 | .. | 25.9 | 0 | 21 | 9 | 08 | 0 | 0 | 0 | 0 | 1 | 3 | 18 | 0 | 0 |
| | 2330 | 52 | 1008.9 | 1003.1 | .. | 27.4 | 24.1 | 22.5 | 27.3 | 75 | .. | 3.0 | .. | 18.1 | 0 | 11 | 15 | 19 | 1 | 1 | 1 | 0 | 0 | 0 | 4 | 4 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1009.2 | 986.1 | -0.4 | 27.9 | 20.3 | 15.2 | 17.6 | 49 | + 1 | 0.0 | -1.3 | 14.5 | 0 | 7 | 23 | 00 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 0 |
| | 1730 | 206 | 1004.2 | 981.9 | +0.0 | 37.7 | 21.5 | 9.9 | 12.4 | 20 | - 4 | 0.0 | -1.7 | 11.9 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 4 | 25 | 0 | 0 | 0 |
| Jalgaon | 0830 | 201 | 1008.8 | 986.3 | -0.1 | 27.8 | 17.5 | 8.5 | 11.6 | 32 | - 7 | 3.4 | +2.2 | 17.2 | 0 | 12 | 17 | 00 | 0 | 0 | 0 | 0 | 4 | 16 | 9 | 1 | 0 |
| | 1730 | 201 | 1003.0 | 981.4 | -0.2 | 39.7 | 20.1 | 2.5 | 7.5 | 11 | - 3 | 2.7 | +0.4 | 17.1 | 0 | 10 | 20 | 00 | 0 | 1 | 0 | 1 | 2 | 16 | 10 | 0 | 0 |
| Malegaon | 0830 | 437 | 1009.0 | 960.7 | -0.4 | 27.6 | 17.6 | 9.4 | 12.0 | 33 | + 0 | 3.1 | +1.8 | 6.5 | 0 | 0 | 27 | 02 | 0 | 0 | 2 | 0 | 0 | 8 | 15 | 3 | 0 |
| | 1730 | 437 | 1002.3 | 955.8 | -0.9 | 37.6 | 20.3 | 6.2 | 9.7 | 15 | + 0 | 3.4 | +0.7 | 10.3 | 0 | 0 | 30 | 09 | 0 | 0 | 1 | 0 | 3 | 5 | 12 | 0 | 0 |
| Osar | 0830 | 608 | 1008.8 | 942.1 | .. | 26.3 | 18.6 | 13.5 | 15.8 | 47 | .. | 2.2 | .. | 16.5 | 0 | 6 | 10 | 01 | 0 | 0 | 0 | 0 | 1 | 2 | 12 | 0 | 0 |
| | 1130 | 608 | 1007.6 | 942.5 | .. | 33.3 | 19.6 | 10.1 | 12.8 | 25 | .. | 1.4 | .. | 14.6 | 0 | 7 | 17 | 03 | 4 | 2 | 1 | 1 | 1 | 2 | 10 | 0 | 0 |
| Ahmadnagar | 0830 | 657 | 1008.8 | 937.3 | -0.2 | 27.6 | 16.9 | 8.7 | 11.4 | 32 | - 2 | 3.9 | +2.3 | 6.5 | 0 | 0 | 24 | 06 | 7 | 0 | 0 | 0 | 1 | 0 | 10 | 6 | 0 |
| | 1730 | 657 | 1001.6 | 932.8 | -0.3 | 37.2 | 20.2 | 8.5 | 11.2 | 18 | + 0 | 4.5 | +1.4 | 9.0 | 0 | 1 | 27 | 01 | 11 | 0 | 0 | 0 | 5 | 1 | 10 | 2 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1007.6 | 942.0 | .. | 23.7 | 16.6 | 11.5 | 13.7 | 48 | .. | 0.8 | .. | 10.5 | 0 | 3 | 22 | 01 | 0 | 0 | 0 | 0 | 1 | 22 | 1 | 5 | 0 |
| | 0530 | 593 | 1007.9 | 941.9 | .. | 21.7 | 15.2 | 10.0 | 12.5 | 49 | .. | 1.2 | .. | 11.4 | 0 | 2 | 22 | 00 | 0 | 0 | 0 | 0 | 22 | 2 | 6 | 0 | 0 |
| | 0830 | 593 | 1009.3 | 943.9 | .. | 25.1 | 16.8 | 10.5 | 13.0 | 42 | .. | 2.4 | .. | 11.5 | 0 | 6 | 18 | 00 | 1 | 0 | 0 | 0 | 3 | 19 | 1 | 6 | 0 |
| | 1130 | 593 | 1007.4 | 943.7 | .. | 32.8 | 18.1 | 6.4 | 10.0 | 21 | .. | 1.9 | .. | 10.5 | 0 | 1 | 23 | 02 | 2 | 5 | 1 | 0 | 2 | 7 | 4 | 6 | 1 |
| | 1730 | 593 | 1002.7 | 939.8 | .. | 35.4 | 19.0 | 6.5 | 10.0 | 18 | .. | 3.6 | .. | 25.9 | 0 | 11 | 19 | 00 | 1 | 0 | 0 | 0 | 0 | 23 | 6 | 0 | 0 |
| | 2330 | 593 | 1008.0 | 942.8 | .. | 25.9 | 18.5 | 13.5 | 15.9 | 46 | .. | 0.9 | .. | 17.4 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 28 | 0 | 0 | 0 |
| Poona | 0530 | 559 | 1008.3 | 945.9 | .. | 21.1 | 15.5 | 11.2 | 13.6 | 55 | .. | 1.6 | .. | 0.6 | 0 | 0 | 5 | 00 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 25 | 0 |
| | 0830 | 559 | 1009.5 | 947.9 | -0.4 | 25.8 | 17.6 | 11.9 | 14.1 | 43 | + 0 | 2.0 | +0.4 | 2.2 | 0 | 0 | 14 | 00 | 0 | 2 | 1 | 0 | 0 | 7 | 4 | 16 | 0 |
| | 1130 | 559 | 1007.4 | 947.4 | .. | 33.7 | 18.7 | 7.3 | 10.6 | 21 | .. | 2.0 | .. | 5.6 | 0 | 0 | 28 | 05 | 4 | 6 | 1 | 1 | 2 | 5 | 4 | 2 | 0 |
| | 1430 | 559 | 1003.7 | 944.5 | .. | 36.7 | 19.9 | 7.7 | 10.9 | 18 | .. | 3.3 | .. | 6.9 | 0 | 1 | 26 | 00 | 4 | 1 | 2 | 0 | 1 | 13 | 6 | 3 | 0 |
| | 1730 | 559 | 1003.1 | 943.6 | -0.4 | 35.3 | 20.4 | 10.3 | 13.0 | 23 | - 3 | 2.7 | +0.1 | 13.2 | 0 | 6 | 24 | 01 | 0 | 0 | 0 | 0 | 1 | 22 | 6 | 0 | 0 |
| | 2030 | 559 | 1006.5 | 945.8 | .. | 29.5 | 20.1 | 14.4 | 16.6 | 41 | .. | 1.2 | .. | 9.1 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 0 | 22 | 7 | 0 | 0 |
| | 2330 | 559 | 1008.1 | 946.6 | .. | 26.3 | 18.3 | 13.0 | 15.2 | 45 | .. | 1.0 | .. | 3.6 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 12 | 0 |
| Jeur | 0830 | 521 | 1008.2 | 951.1 | -0.7 | 28.0 | 17.6 | 10.3 | 12.5 | 34 | -11 | 2.5 | +0.2 | 6.5 | 0 | 0 | 26 | 04 | 2 | 1 | 0 | 0 | 1 | 7 | 11 | 4 | 0 |
| | 1730 | 521 | 1001.1 | 946.2 | -0.7 | 38.3 | 20.2 | 7.6 | 10.4 | 16 | - 8 | 4.3 | +0.3 | 8.4 | 0 | 0 | 28 | 02 | 1 | 5 | 3 | 1 | 1 | 9 | 6 | 2 | 0 |
| Baramati | 0830 | 551 | 1008.8 | 948.4 | -0.3 | 27.3 | 19.6 | 15.0 | 17.1 | 48 | + 3 | 1.4 | -0.5 | 9.2 | 0 | 1 | 28 | 12 | 0 | 2 | 0 | 4 | 3 | 1 | 7 | 0 | 0 |
| | 1730 | 551 | 1001.7 | 943.6 | -0.4 | 37.3 | 23.4 | 15.9 | 18.5 | 30 | + 8 | 2.0 | -1.7 | 11.1 | 0 | 3 | 25 | 03 | 0 | 2 | 1 | 5 | 4 | 7 | 6 | 2 | 0 |
| Sholapur | 0530 | 479 | 1006.7 | 954.0 | .. | 26.3 | 18.4 | 13.2 | 15.4 | 46 | .. | 2.5 | .. | 4.6 | 0 | 0 | 21 | 04 | 1 | 2 | 4 | 3 | 2 | 0 | 2 | 5 | 9 | 0 |
| | 0830 | 479 | 1008.4 | 955.9 | -0.6 | 29.3 | 19.7 | 13.7 | 15.9 | 39 | - 2 | 1.0 | -0.9 | 6.7 | 0 | 0 | 29 | 09 | 1 | 6 | 7 | 2 | 0 | 0 | 4 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sholapur (Contd.) | 1130 | 479 | 1006.5 | 955.3 | .. | 36.2 | 21.5 | 12.6 | 14.9 | 25 | .. | 1.0 | .. | 7.7 | 0 | 3 | 23 | 07 | 4 | 0 | 6 | 5 | 0 | 0 | 4 | 4 | 0 |
| | 1430 | 479 | 1002.7 | 952.1 | .. | 38.9 | 22.3 | 12.7 | 14.7 | 21 | .. | 3.2 | .. | 7.9 | 0 | 0 | 27 | 08 | 2 | 4 | 2 | 2 | 1 | 1 | 7 | 3 | 0 |
| | 1730 | 479 | 1001.6 | 950.9 | -0.4 | 38.2 | 22.0 | 12.5 | 15.0 | 22 | + 0 | 3.9 | +0.2 | 6.1 | 0 | 1 | 25 | 07 | 0 | 1 | 1 | 5 | 3 | 4 | 5 | 4 | 0 |
| | 2330 | 479 | 1006.4 | 954.2 | .. | 30.6 | 20.0 | 13.4 | 15.6 | 36 | .. | 2.6 | .. | 9.1 | 0 | 2 | 24 | 06 | 2 | 2 | 6 | 4 | 0 | 4 | 2 | 4 | 0 |
| Miraj | 0830 | 554 | 1009.3 | 948.4 | -0.4 | 25.9 | 20.7 | 17.8 | 20.5 | 63 | - 1 | 3.1 | +1.1 | .. | 0 | 0 | 11 | 00 | 0 | 2 | 0 | 0 | 0 | 9 | 0 | 19 | 0 |
| | 1730 | 554 | 1002.1 | 943.6 | -0.2 | 36.8 | 24.6 | 18.8 | 22.0 | 36 | + 5 | 5.0 | +0.9 | .. | 0 | 0 | 24 | 00 | 0 | 6 | 0 | 0 | 2 | 15 | 1 | 6 | 0 |
| Kolhapur | 0530 | 570 | 1007.8 | 944.4 | .. | 21.9 | 18.6 | 16.5 | 19.0 | 73 | .. | 2.4 | .. | 5.1 | 0 | 0 | 21 | 01 | 0 | 4 | 1 | 0 | 1 | 14 | 0 | 9 | 0 |
| | 0830 | 570 | 1009.2 | 946.3 | -0.6 | 24.9 | 19.4 | 16.1 | 18.5 | 60 | - 3 | 1.7 | -0.6 | 5.5 | 0 | 0 | 25 | 00 | 3 | 1 | 1 | 0 | 0 | 19 | 1 | 5 | 0 |
| | 1130 | 570 | 1006.9 | 946.1 | .. | 34.5 | 20.2 | 10.7 | 13.2 | 25 | .. | 1.2 | .. | 8.2 | 0 | 0 | 27 | 03 | 2 | 7 | 0 | 1 | 1 | 7 | 4 | 5 | 2 |
| | 1730 | 570 | 1002.9 | 942.1 | -0.5 | 33.6 | 22.7 | 16.9 | 19.5 | 38 | + 0 | 1.8 | -1.8 | 19.9 | 0 | 18 | 12 | 00 | 0 | 1 | 0 | 0 | 1 | 25 | 3 | 0 | 0 |
| | 2330 | 570 | 1008.2 | 945.4 | .. | 24.8 | 20.1 | 17.4 | 20.0 | 65 | .. | 1.3 | .. | 9.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 3 | 1 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1008.9 | 945.5 | -0.5 | 28.5 | 16.8 | 7.1 | 10.6 | 27 | - 7 | 2.2 | +0.6 | 5.7 | 0 | 3 | 16 | 04 | 0 | 1 | 0 | 2 | 1 | 9 | 2 | 11 | 0 |
| Aurangabad (Chikalthan) | 1730 | 581 | 1002.4 | 941.1 | -0.6 | 37.0 | 20.4 | 8.0 | 11.8 | 21 | + 1 | 3.5 | +0.5 | 11.4 | 0 | 4 | 26 | 00 | 0 | 0 | 1 | 0 | 5 | 13 | 11 | 0 | 0 |
| | 0230 | 579 | 1006.2 | 942.7 | .. | 26.0 | 16.7 | 9.9 | 12.2 | 37 | .. | 1.5 | .. | 9.4 | 0 | 1 | 22 | 04 | 0 | 0 | 0 | 0 | 0 | 11 | 8 | 7 | 0 |
| | 0530 | 579 | 1007.3 | 943.1 | .. | 23.1 | 15.3 | 9.3 | 11.7 | 41 | .. | 2.6 | .. | 5.9 | 0 | 0 | 16 | 02 | 1 | 0 | 0 | 0 | 0 | 8 | 8 | 14 | 0 |
| | 0830 | 579 | 1008.1 | 945.1 | -0.6 | 29.2 | 17.9 | 9.9 | 12.2 | 31 | - 5 | 2.6 | +1.0 | 9.8 | 0 | 0 | 24 | 04 | 1 | 2 | 0 | 0 | 1 | 9 | 7 | 6 | 0 |
| | 1130 | 579 | 1006.6 | 944.8 | .. | 34.8 | 20.0 | 10.3 | 12.5 | 23 | .. | 1.8 | .. | 11.5 | 0 | 3 | 22 | 08 | 2 | 4 | 2 | 1 | 0 | 2 | 6 | 5 | 0 |
| | 1430 | 579 | 1003.1 | 941.9 | .. | 37.1 | 21.0 | 10.9 | 13.0 | 21 | .. | 3.4 | .. | 15.9 | 0 | 9 | 21 | 07 | 3 | 3 | 1 | 2 | 2 | 7 | 5 | 0 | 0 |
| | 1730 | 579 | 1001.9 | 940.8 | -0.4 | 36.8 | 20.9 | 10.9 | 13.0 | 21 | - 3 | 3.9 | +0.3 | 16.1 | 0 | 8 | 23 | 06 | 0 | 0 | 1 | 0 | 3 | 11 | 8 | 1 | 0 |
| | 2030 | 579 | 1004.9 | 942.5 | .. | 30.9 | 18.6 | 10.2 | 12.4 | 28 | .. | 1.8 | .. | 9.3 | 0 | 0 | 25 | 11 | 0 | 0 | 1 | 0 | 0 | 6 | 7 | 5 | 0 |
| | 2330 | 579 | 1006.5 | 943.5 | .. | 28.4 | 17.5 | 9.7 | 12.0 | 31 | .. | 1.1 | .. | 12.9 | 0 | 2 | 26 | 05 | 2 | 0 | 0 | 0 | 0 | 6 | 15 | 2 | 0 |
| Parbhani | 0830 | 423 | 1008.6 | 962.2 | -0.5 | 29.8 | 17.2 | 5.8 | 9.4 | 23 | -14 | 2.2 | +0.3 | 4.7 | 0 | 1 | 24 | 00 | 2 | 0 | 2 | 2 | 3 | 9 | 7 | 5 | 0 |
| | 1730 | 423 | 1002.0 | 957.1 | -0.5 | 38.5 | 20.6 | 5.8 | 9.7 | 15 | - 6 | 4.0 | +0.3 | 6.3 | 0 | 1 | 25 | 03 | 4 | 2 | 3 | 1 | 2 | 6 | 5 | 4 | 0 |
| Nander | 0830 | 358 | 1008.2 | 968.9 | .. | 31.1 | 20.7 | 13.7 | 15.9 | 36 | .. | 1.5 | .. | 4.4 | 0 | 0 | 22 | 02 | 3 | 0 | 6 | 0 | 6 | 4 | 1 | 8 | 0 |
| | 1730 | 358 | 1002.6 | 964.4 | .. | 37.9 | 22.7 | 12.8 | 15.2 | 24 | .. | 3.6 | .. | 5.1 | 0 | 1 | 21 | 00 | 4 | 0 | 8 | 0 | 2 | 1 | 7 | 8 | 0 |
| Bir | 0830 | 519 | 1009.1 | 952.3 | .. | 28.6 | 17.8 | 10.0 | 12.5 | 32 | .. | 2.2 | .. | 10.3 | 0 | 2 | 27 | 00 | 1 | 0 | 1 | 0 | 3 | 0 | 24 | 1 | 0 |
| | 1730 | 519 | 1002.1 | 947.4 | .. | 38.2 | 21.3 | 10.3 | 12.9 | 19 | .. | 2.5 | .. | 8.1 | 0 | 1 | 29 | 01 | 6 | 0 | 2 | 0 | 4 | 0 | 17 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1007.8 | 973.5 | -0.9 | 31.7 | 20.7 | 13.1 | 15.5 | 34 | - 5 | 2.4 | +0.1 | 4.3 | 0 | 0 | 30 | 02 | 1 | 1 | 3 | 5 | 5 | 5 | 4 | 0 | 4 |
| | 1730 | 313 | 1002.1 | 968.7 | -0.7 | 38.0 | 21.3 | 8.9 | 11.7 | 18 | - 2 | 3.0 | +0.1 | 3.9 | 0 | 0 | 28 | 05 | 0 | 3 | 0 | 6 | 5 | 6 | 2 | 2 | 1 |
| Nagpur (Sonegaon) | 0230 | 310 | 1005.0 | 970.5 | .. | 27.4 | 17.9 | 10.3 | 12.8 | 36 | .. | 2.4 | .. | 4.0 | 0 | 0 | 21 | 03 | 2 | 2 | 1 | 0 | 5 | 1 | 7 | 9 | 0 |
| | 0530 | 310 | 1006.1 | 971.4 | .. | 25.8 | 17.3 | 10.3 | 12.9 | 40 | .. | 4.2 | .. | 2.6 | 0 | 0 | 13 | 02 | 0 | 1 | 2 | 1 | 0 | 2 | 5 | 17 | 0 |
| | 0830 | 310 | 1007.7 | 973.6 | -0.8 | 31.8 | 19.7 | 10.6 | 13.0 | 28 | - 9 | 3.1 | +0.6 | 6.6 | 0 | 0 | 24 | 01 | 1 | 1 | 2 | 3 | 6 | 4 | 6 | 6 | 0 |
| | 1130 | 310 | 1006.4 | 973.0 | .. | 37.8 | 21.3 | 9.1 | 11.9 | 18 | .. | 2.3 | .. | 7.9 | 0 | 1 | 24 | 03 | 1 | 2 | 3 | 8 | 3 | 3 | 2 | 5 | 0 |
| | 1430 | 310 | 1002.8 | 969.7 | .. | 39.9 | 21.7 | 8.0 | 11.1 | 15 | .. | 4.5 | .. | 7.2 | 0 | 1 | 25 | 03 | 0 | 0 | 1 | 7 | 4 | 4 | 7 | 4 | 0 |
| | 1730 | 310 | 1001.9 | 968.7 | -0.7 | 38.4 | 21.1 | 7.8 | 10.9 | 17 | - 6 | 5.1 | +1.4 | 6.9 | 0 | 1 | 23 | 02 | 0 | 1 | 2 | 7 | 3 | 3 | 6 | 6 | 0 |
| | 2030 | 310 | 1004.4 | 970.6 | .. | 32.5 | 19.7 | 10.0 | 12.5 | 26 | .. | 3.3 | .. | 5.4 | 0 | 1 | 20 | 02 | 0 | 1 | 3 | 4 | 5 | 1 | 5 | 9 | 0 |
| | 2330 | 310 | 1005.7 | 971.5 | .. | 30.1 | 18.9 | 10.1 | 12.7 | 30 | .. | 3.0 | .. | 4.5 | 0 | 0 | 21 | 01 | 1 | 1 | 2 | 2 | 5 | 2 | 7 | 9 | 0 |
| Amraoti | 0830 | 370 | 1007.4 | 966.9 | -0.8 | 30.5 | 20.7 | 13.9 | 16.5 | 38 | + 8 | 2.7 | +0.8 | 3.1 | 0 | 0 | 28 | 01 | 2 | 2 | 2 | 5 | 10 | 3 | 3 | 2 | 0 |
| | 1730 | 370 | 1001.7 | 962.4 | -0.6 | 38.9 | 23.5 | 13.9 | 16.3 | 24 | + 1 | 3.2 | -0.7 | 3.5 | 0 | 0 | 28 | 02 | 1 | 1 | 0 | 3 | 7 | 11 | 3 | 2 | 0 |
| Akola Aerodrome | 0530 | 309 | 1005.6 | 971.1 | .. | 26.2 | 15.8 | 5.7 | 9.5 | 28 | .. | 3.4 | .. | 8.7 | 0 | 0 | 30 | 03 | 2 | 4 | 0 | 4 | 6 | 8 | 3 | 0 | 0 |
| | 0830 | 309 | 1007.4 | 973.2 | .. | 29.9 | 17.6 | 6.4 | 10.1 | 24 | .. | 3.4 | .. | 9.1 | 0 | 1 | 28 | 02 | 0 | 2 | 1 | 0 | 3 | 11 | 10 | 1 | 0 |
| | 1130 | 309 | 1006.3 | 972.8 | .. | 36.7 | 19.9 | 5.9 | 9.5 | 16 | .. | 2.6 | .. | 9.7 | 0 | 0 | 30 | 06 | 1 | 2 | 0 | 2 | 2 | 7 | 10 | 0 | 0 |
| | 1430 | 309 | 1002.5 | 969.6 | .. | 39.8 | 21.1 | 6.0 | 9.4 | 13 | .. | 3.7 | .. | 10.3 | 0 | 1 | 29 | 03 | 0 | 0 | 4 | 5 | 3 | 4 | 11 | 0 | 0 |
| | 1730 | 309 | 1001.2 | 968.2 | .. | 39.3 | 20.8 | 5.5 | 9.5 | 14 | .. | 3.9 | .. | 10.5 | 0 | 1 | 29 | 01 | 0 | 1 | 1 | 4 | 3 | 10 | 10 | 0 | 0 |
| | 2030 | 309 | 1003.6 | 970.0 | .. | 34.2 | 18.9 | 5.2 | 9.4 | 18 | .. | 2.3 | .. | 9.4 | 0 | 2 | 28 | 02 | 1 | 1 | 0 | 3 | 1 | 13 | 9 | 0 | 0 |
| | 2330 | 309 | 1004.9 | 971.0 | .. | 31.1 | 17.7 | 5.4 | 9.4 | 21 | .. | 2.4 | .. | 9.8 | 0 | 2 | 28 | 01 | 4 | 2 | 1 | 3 | 2 | 7 | 10 | 0 | 0 |
| Akola | 0830 | 282 | 1007.9 | 976.8 | -0.4 | 30.0 | 18.2 | 8.2 | 11.3 | 27 | - 3 | 2.2 | +0.6 | 1.0 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 0 | 13 | 3 | 14 | 0 |
| | 1730 | 282 | 1001.8 | 972.0 | -0.2 | 39.4 | 21.4 | 7.7 | 10.8 | 15 | - 1 | 3.7 | +1.2 | 1.5 | 0 | 0 | 22 | 00 | 0 | 4 | 1 | 1 | 0 | 12 | 4 | 8 | 0 |
| Bramhapuri | 0830 | 229 | 1008.1 | 982.7 | -1.3 | 29.9 | 22.2 | 17.6 | 20.5 | 49 | +.1 | 2.8 | +0.3 | 4.1 | 0 | 0 | 27 | 00 | 1 | 1 | 5 | 11 | 5 | 2 | 2 | 3 | 0 |
| | 1730 | 229 | 1002.7 | 978.0 | -1.0 | 37.9 | 23.8 | 15.4 | 17.9 | 28 | + 5 | 3.4 | +0.3 | 4.2 | 0 | 0 | 26 | 03 | 3 | 1 | 3 | 6 | 5 | 3 | 2 | 4 | 0 |
| Buldana | 0830 | 650 | 1007.8 | 937.1 | -0.6 | 27.8 | 16.9 | 8.7 | 11.2 | 31 | - 8 | 2.9 | +0.7 | 11.1 | 0 | 1 | 28 | 04 | 0 | 0 | 0 | 0 | 0 | 3 | 22 | 1 | 0 |
| | 1730 | 650 | 1001.9 | 933.3 | -0.6 | 35.9 | 19.6 | 7.7 | 10.9 | 19 | - 5 | 4.1 | +0.4 | 6.1 | 0 | 0 | 30 | 04 | 3 | 0 | 1 | 0 | 1 | 1 | 20 | 0 | 0 |
| Yeotmal | 0830 | 451 | 1007.4 | 958.2 | -0.7 | 31.0 | 20.7 | 13.5 | 16.0 | 37 | + 0 | 3.4 | +0.6 | 9.9 | 0 | 0 | 29 | 02 | 1 | 2 | 2 | 4 | 3 | 10 | 5 | 1 | 0 |
| | 1730 | 451 | 1001.9 | 953.9 | -0.4 | 37.4 | 23.0 | 13.6 | 16.3 | 27 | + 3 | 4.0 | +0.1 | 8.1 | 0 | 2 | 28 | 03 | 3 | 2 | 1 | 5 | 6 | 8 | 2 | 0 | 0 |
| Chanda | 0830 | 193 | 1007.9 | 986.5 | -0.7 | 30.3 | 21.8 | 16.4 | 19.3 | 45 | + 4 | 3.1 | +1.1 | 5.3 | 0 | 0 | 27 | 03 | 2 | 2 | 5 | 5 | 3 | 2 | 5 | 3 | 0 |
| | 1730 | 193 | 1002.7 | 981.8 | -0.3 | 36.6 | 22.1 | 12.6 | 14.7 | 27 | + 4 | 4.7 | +1.4 | 8.6 | 0 | 2 | 26 | 04 | 2 | 3 | 4 | 5 | 2 | 3 | 5 | 1 | 0 |
| Pusad | 0830 | 334 | 1008.7 | 971.9 | .. | 30.5 | 19.1 | 10.2 | 12.9 | 30 | .. | . | .. | 9.3 | 0 | 1 | 28 | 01 | 3 | 0 | 4 | 1 | 2 | 2 | 16 | 1 | 0 |
| | 1730 | 334 | .. | .. | .. | 36.6 | 22.9 | 13.4 | 16.7 | 28 | .. | . | .. | 6.7 | 0 | 0 | 29 | 01 | 22 | 0 | 5 | 0 | 0 | 0 | 1 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sironcha | 0830 | 123 | 1009.2 | 995.4 | -0.5 | 29.7 | 24.0 | 21.2 | 25.0 | 61 | + 8 | 3.1 | +0.5 | 2.7 | 0 | 0 | 27 | 00 | 1 | 0 | 21 | 1 | 4 | 0 | 0 | 3 | 0 |
| | 1730 | 123 | 1003.0 | 989.6 | -0.5 | 39.1 | 25.5 | 18.4 | 21.6 | 31 | + 6 | 2.7 | -0.5 | 2.3 | 0 | 0 | 27 | 01 | 0 | 1 | 9 | 2 | 8 | 2 | 4 | 3 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 32.0 | 20.2 | 12.2 | 14.0 | 34 | .. | . | .. | 10.4 | 0 | 1 | 16 | 01 | 3 | 0 | 1 | 4 | 5 | 1 | 1 | 1 | 1 |
| | 1730 | | .. | .. | .. | 38.2 | 20.8 | 6.4 | 10.4 | 17 | .. | . | .. | 8.7 | 0 | 1 | 17 | 02 | 3 | 0 | 0 | 6 | 5 | 1 | 1 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1009.1 | 1008.5 | -0.3 | 30.0 | 26.5 | 25.0 | 31.9 | 75 | - 2 | 2.2 | -1.4 | 17.2 | 0 | 10 | 20 | 01 | 1 | 0 | 1 | 11 | 8 | 0 | 0 | 0 | 8 |
| | 1730 | 6 | 1005.8 | 1005.2 | +0.1 | 30.0 | 27.2 | 25.9 | 33.8 | 80 | + 4 | 3.5 | -0.7 | 9.6 | 0 | 15 | 15 | 00 | 1 | 0 | 2 | 12 | 11 | 0 | 0 | 0 | 4 |
| Vishakhapatnam | 0230 | 3 | 1007.0 | 1006.6 | .. | 27.3 | 25.6 | 24.8 | 31.5 | 87 | .. | 2.2 | .. | 3.6 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 0 | 9 | 3 | 2 | 16 | 0 |
| | 0530 | 3 | 1007.7 | 1007.3 | .. | 26.5 | 24.9 | 24.1 | 30.2 | 87 | .. | 3.5 | .. | 2.3 | 0 | 0 | 11 | 01 | 0 | 0 | 0 | 1 | 4 | 4 | 11 | 19 | 0 |
| | 0830 | 3 | 1009.5 | 1009.1 | -0.3 | 30.4 | 25.7 | 23.4 | 29.3 | 66 | - 7 | 2.8 | -0.3 | 9.0 | 0 | 2 | 22 | 00 | 0 | 0 | 1 | 3 | 16 | 4 | 0 | 6 | 0 |
| | 1130 | 3 | 1008.7 | 1008.3 | .. | 34.3 | 26.6 | 23.2 | 28.6 | 53 | .. | 2.5 | .. | 16.8 | 0 | 13 | 17 | 00 | 0 | 0 | 3 | 10 | 16 | 1 | 0 | 0 | 0 |
| | 1430 | 3 | 1006.2 | 1005.8 | .. | 34.0 | 26.9 | 24.0 | 29.7 | 56 | .. | 3.0 | .. | 22.7 | 0 | 23 | 7 | 00 | 0 | 1 | 1 | 11 | 17 | 0 | 0 | 0 | 0 |
| | 1730 | 3 | 1006.0 | 1005.6 | -0.1 | 30.6 | 26.5 | 25.0 | 31.1 | 71 | - 9 | 4.6 | +0.7 | 16.9 | 0 | 6 | 24 | 00 | 0 | 0 | 1 | 10 | 19 | 0 | 0 | 0 | 0 |
| | 2030 | 3 | 1008.1 | 1007.7 | .. | 28.8 | 26.4 | 25.4 | 32.4 | 82 | .. | 2.7 | .. | 9.3 | 0 | 0 | 25 | 00 | 1 | 0 | 0 | 7 | 16 | 1 | 0 | 5 | 0 |
| | 2330 | 3 | 1008.5 | 1008.1 | .. | 28.2 | 26.1 | 25.3 | 32.2 | 85 | .. | 2.4 | .. | 6.1 | 0 | 0 | 22 | 00 | 0 | 0 | 1 | 0 | 14 | 5 | 2 | 8 | 0 |
| Kakinada | 0830 | 8 | 1009.9 | 1009.0 | -0.4 | 29.5 | 25.1 | 23.1 | 28.3 | 69 | - 4 | 4.5 | +0.8 | 8.2 | 0 | 0 | 30 | 00 | 1 | 1 | 19 | 0 | 9 | 0 | 0 | 0 | 0 |
| | 1730 | 8 | 1005.7 | 1004.8 | -0.2 | 32.9 | 25.7 | 22.3 | 27.1 | 55 | -10 | 3.2 | +0.9 | 16.1 | 0 | 0 | 30 | 00 | 1 | 0 | 25 | 0 | 2 | 0 | 2 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1009.6 | 1008.2 | -0.9 | 29.2 | 25.7 | 24.2 | 30.0 | 75 | - 2 | 4.4 | -1.2 | 3.4 | 0 | 0 | 30 | 06 | 0 | 4 | 2 | 2 | 10 | 4 | 2 | 0 | 0 |
| | 1730 | 12 | 1005.6 | 1004.2 | -0.5 | 33.4 | 25.5 | 21.8 | 26.1 | 51 | - 5 | 1.6 | -1.9 | 8.2 | 0 | 0 | 30 | 01 | 0 | 3 | 7 | 9 | 8 | 2 | 0 | 0 | 0 |
| Rentachintala | 0830 | 106 | 1008.5 | 996.7 | -0.1 | 29.9 | 24.1 | 21.2 | 25.3 | 61 | + 0 | 2.4 | -0.8 | 1.6 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 22 | 1 | 0 | 0 | 7 | 0 |
| | 1730 | 106 | 1003.6 | 992.0 | +0.0 | 38.3 | 23.3 | 13.9 | 16.3 | 24 | - 4 | 1.6 | -2.0 | 1.2 | 0 | 0 | 17 | 00 | 0 | 2 | 0 | 15 | 0 | 0 | 0 | 13 | 0 |
| Gannavaram | 0230 | 24 | 1007.0 | 1004.3 | .. | 26.7 | 25.1 | 24.3 | 30.5 | 87 | .. | 2.4 | .. | 3.7 | 0 | 0 | 13 | 00 | 0 | 3 | 3 | 6 | 0 | 0 | 1 | 17 | 0 |
| | 0530 | 24 | 1007.6 | 1004.9 | .. | 26.3 | 25.0 | 24.4 | 30.7 | 89 | .. | 4.0 | .. | 4.7 | 0 | 0 | 18 | 01 | 0 | 9 | 2 | 5 | 1 | 0 | 0 | 12 | 0 |
| | 0830 | 24 | 1009.7 | 1006.9 | -0.4 | 29.6 | 26.1 | 24.5 | 31.1 | 74 | + 2 | 4.8 | +0.7 | 10.5 | 0 | 1 | 25 | 00 | 1 | 2 | 2 | 19 | 2 | 0 | 0 | 4 | 0 |
| | 1130 | 24 | 1008.7 | 1006.1 | .. | 34.6 | 25.8 | 21.6 | 25.9 | 48 | .. | 3.0 | .. | 14.0 | 0 | 5 | 24 | 01 | 0 | 0 | 4 | 21 | 2 | 1 | 0 | 1 | 0 |
| | 1430 | 24 | 1005.6 | 1003.0 | .. | 36.9 | 25.4 | 19.7 | 22.9 | 37 | .. | 2.7 | .. | 14.6 | 0 | 6 | 24 | 00 | 0 | 2 | 6 | 18 | 4 | 0 | 0 | 0 | 0 |
| | 1730 | 24 | 1005.1 | 1002.5 | -0.2 | 35.1 | 25.3 | 20.5 | 24.1 | 43 | - 2 | 2.4 | -0.2 | 14.3 | 0 | 5 | 24 | 00 | 0 | 1 | 7 | 20 | 1 | 0 | 0 | 1 | 0 |
| | 2030 | 24 | 1007.6 | 1004.9 | .. | 29.6 | 25.3 | 23.4 | 28.6 | 70 | .. | 1.6 | .. | 12.7 | 0 | 2 | 26 | 00 | 0 | 1 | 8 | 17 | 2 | 0 | 0 | 2 | 0 |
| | 2330 | 24 | 1008.3 | 1005.6 | .. | 27.7 | 25.4 | 24.4 | 30.4 | 83 | .. | 2.0 | .. | 7.5 | 0 | 0 | 25 | 00 | 0 | 2 | 8 | 14 | 1 | 0 | 0 | 5 | 0 |
| Masulipatam | 0830 | 3 | 1009.7 | 1009.4 | -0.2 | 29.3 | 26.0 | 24.6 | 30.7 | 76 | + 1 | 5.4 | +1.6 | 3.3 | 0 | 0 | 25 | 01 | 1 | 1 | 1 | 15 | 3 | 1 | 0 | 4 | 2 |
| | 1730 | 3 | 1006.1 | 1005.8 | +0.1 | 31.1 | 26.1 | 23.8 | 29.7 | 65 | - 6 | 3.7 | +1.8 | 5.4 | 0 | 0 | 30 | 00 | 0 | 4 | 5 | 9 | 5 | 0 | 0 | 0 | 7 |
| Ongole | 0830 | 12 | 1009.3 | 1008.0 | -0.5 | 31.6 | 27.5 | 25.7 | 33.4 | 71 | - 7 | 3.3 | +0.1 | 4.1 | 0 | 0 | 30 | 00 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 12 | 1005.4 | 1004.1 | -0.2 | 31.6 | 28.2 | 26.8 | 35.4 | 76 | - 1 | 1.9 | -0.5 | 5.8 | 0 | 0 | 30 | 01 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 0530 | 20 | 1007.3 | 1005.1 | .. | 26.0 | 25.3 | 24.9 | 31.7 | 93 | .. | 3.1 | .. | 1.9 | 0 | 0 | 14 | 00 | 0 | 0 | 13 | 0 | 1 | 0 | 0 | 16 | 0 |
| | 0830 | 20 | 1009.1 | 1006.9 | -0.4 | 30.3 | 26.7 | 25.1 | 32.1 | 75 | + 6 | 4.6 | +1.4 | 5.2 | 0 | 0 | 30 | 00 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 20 | 1008.7 | 1006.5 | .. | 34.9 | 27.3 | 24.0 | 30.0 | 54 | .. | 3.2 | .. | 7.7 | 0 | 0 | 30 | 00 | 1 | 2 | 26 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 20 | 1005.7 | 1003.5 | +0.3 | 32.3 | 28.2 | 26.6 | 35.0 | 72 | +10 | 4.4 | +1.4 | 9.8 | 0 | 0 | 30 | 00 | 1 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 20 | 1008.2 | 1006.0 | .. | 27.6 | 26.3 | 25.7 | 33.0 | 90 | .. | 3.1 | .. | 4.8 | 0 | 1 | 27 | 00 | 1 | 0 | 27 | 0 | 0 | 0 | 0 | 2 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1008.2 | 990.8 | -0.9 | 29.6 | 22.9 | 19.0 | 22.4 | 54 | + 4 | 2.5 | -0.5 | 5.1 | 0 | 0 | 25 | 00 | 0 | 1 | 6 | 17 | 1 | 0 | 0 | 5 | 0 |
| | 1730 | 156 | 1002.6 | 985.7 | -0.7 | 38.6 | 23.3 | 14.4 | 16.1 | 24 | + 1 | 3.3 | -0.5 | 3.6 | 0 | 0 | 27 | 01 | 0 | 1 | 9 | 6 | 7 | 0 | 3 | 3 | 0 |
| Nizamabad | 0830 | 381 | 1008.5 | 966.4 | -0.2 | 30.3 | 21.9 | 16.7 | 19.5 | 45 | + 4 | 2.7 | +0.7 | 3.2 | 0 | 0 | 16 | 00 | 0 | 1 | 4 | 2 | 9 | 0 | 0 | 14 | 0 |
| | 1730 | 381 | 1002.0 | 961.4 | -0.5 | 38.2 | 27.7 | 23.3 | 28.6 | 49 | +28 | 3.5 | +0.6 | 4.0 | 0 | 0 | 19 | 01 | 4 | 2 | 4 | 0 | 4 | 0 | 4 | 11 | 0 |
| Hanamkonda | 0830 | 269 | 1008.4 | 978.8 | -0.6 | 28.2 | 23.7 | 21.3 | 25.6 | 67 | + 5 | 2.9 | +0.4 | 2.1 | 0 | 0 | 29 | 00 | 1 | 0 | 10 | 17 | 0 | 1 | 0 | 1 | 0 |
| | 1730 | 269 | 1004.5 | 975.6 | +0.9 | 37.6 | 24.7 | 17.8 | 20.5 | 33 | + 7 | 1.4 | -1.1 | 2.1 | 0 | 0 | 30 | 07 | 2 | 0 | 19 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1006.9 | 939.7 | .. | 25.0 | 20.5 | 17.8 | 20.8 | 66 | .. | 5.0 | .. | 11.1 | 0 | 1 | 27 | 00 | 2 | 0 | 12 | 7 | 5 | 2 | 0 | 2 | 0 |
| | 0830 | 613 | 1007.9 | 941.3 | .. | 28.6 | 21.5 | 17.4 | 20.5 | 53 | .. | 3.8 | .. | 13.6 | 0 | 3 | 27 | 01 | 0 | 2 | 7 | 6 | 8 | 4 | 2 | 0 | 0 |
| | 1130 | 613 | 1006.5 | 941.2 | .. | 34.1 | 21.8 | 14.5 | 17.1 | 33 | .. | 2.6 | .. | 16.0 | 0 | 6 | 24 | 03 | 0 | 0 | 4 | 13 | 6 | 3 | 0 | 0 | 1 |
| | 1730 | 613 | 1002.9 | 938.0 | .. | 35.0 | 21.1 | 13.4 | 15.1 | 28 | .. | 4.4 | .. | 14.1 | 0 | 4 | 26 | 00 | 2 | 2 | 14 | 9 | 1 | 2 | 0 | 0 | 0 |
| | 2330 | 613 | 1006.5 | 940.1 | .. | 28.6 | 20.9 | 16.5 | 19.0 | 49 | .. | 3.7 | .. | 16.2 | 0 | 7 | 23 | 02 | 1 | 3 | 17 | 2 | 3 | 1 | 1 | 0 | 0 |
| Bhadrachalam | 0830 | 111 | 1008.3 | 995.8 | -2.0 | 27.8 | 24.6 | 22.9 | 28.3 | 74 | + 6 | 3.6 | +0.0 | 3.3 | 0 | 0 | 30 | 00 | 10 | 0 | 15 | 0 | 4 | 0 | 1 | 0 | 0 |
| | 1730 | 111 | 1003.7 | 991.5 | -0.7 | 37.5 | 24.7 | 17.4 | 20.5 | 32 | + 3 | 2.9 | -0.8 | 3.1 | 0 | 0 | 30 | 00 | 19 | 1 | 5 | 2 | 3 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1006.0 | 946.4 | .. | 27.0 | 20.3 | 16.4 | 18.9 | 53 | .. | 4.1 | .. | 7.5 | 0 | 1 | 26 | 03 | 0 | 2 | 15 | 3 | 2 | 0 | 2 | 3 | 0 |
| | 0530 | 545 | 1006.9 | 946.5 | .. | 25.5 | 19.9 | 16.7 | 19.1 | 60 | .. | 4.5 | .. | 5.1 | 0 | 0 | 24 | 02 | 2 | 2 | 7 | 4 | 3 | 2 | 2 | 6 | 0 |
| | 0830 | 545 | 1008.5 | 949.1 | -0.2 | 28.7 | 21.0 | 16.6 | 19.3 | 50 | - 1 | 3.5 | +1.0 | 8.1 | 0 | 1 | 28 | 02 | 1 | 0 | 8 | 6 | 6 | 1 | 5 | 1 | 0 |
| | 1130 | 545 | 1006.8 | 948.6 | .. | 34.6 | 21.1 | 12.7 | 15.1 | 28 | .. | 2.2 | .. | 11.9 | 0 | 3 | 27 | 02 | 1 | 0 | 11 | 8 | 5 | 2 | 1 | 0 | 0 |
| | 1730 | 545 | 1002.4 | 944.7 | +0.2 | 35.4 | 20.6 | 11.0 | 13.4 | 25 | - 6 | 4.6 | +0.9 | 9.5 | 0 | 2 | 28 | 01 | 2 | 2 | 13 | 8 | 4 | 0 | 0 | 0 | 0 |
| | 2330 | 545 | 1004.6 | 947.5 | .. | 29.2 | 20.7 | 15.7 | 18.2 | 45 | .. | 3.5 | .. | 9.0 | 0 | 5 | 21 | 02 | 1 | 1 | 19 | 1 | 0 | 0 | 2 | 4 | 0 |
| Khammam | 0830 | 112 | 1008.9 | 996.3 | -0.9 | 28.8 | 25.6 | 24.2 | 30.2 | 77 | + 4 | 4.9 | +1.4 | 4.0 | 0 | 0 | 26 | 00 | 0 | 3 | 10 | 12 | 1 | 0 | 0 | 4 | 0 |
| | 1730 | 112 | 1004.0 | 991.8 | -0.1 | 37.1 | 25.7 | 20.0 | 23.5 | 38 | + 7 | 3.4 | +0.3 | 1.7 | 0 | 0 | 16 | 00 | 0 | 3 | 8 | 3 | 2 | 0 | 0 | 14 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| TELANGANA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahbubnagar | 0830 | 505 | 1007.9 | 952.9 | -0.8 | 29.9 | 21.1 | 16.0 | 18.5 | 45 | - 8 | 2.6 | -0.2 | 9.6 | 0 | 3 | 25 | 00 | 1 | 11 | 4 | 2 | 8 | 1 | 1 | 2 | 0 |
| | 1730 | 505 | 1002.4 | 948.6 | -0.6 | 35.7 | 20.9 | 11.2 | 13.8 | 25 | - 5 | 4.0 | +0.2 | 5.1 | 0 | 0 | 27 | 01 | 6 | 8 | 8 | 4 | 0 | 0 | 0 | 3 | 0 |
| RAYALASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1008.6 | 977.5 | -0.4 | 30.1 | 22.4 | 18.1 | 20.8 | 46 | - 3 | 2.2 | -0.2 | 6.1 | 0 | 0 | 30 | 00 | 3 | 1 | 15 | 0 | 9 | 0 | 2 | 0 | 0 |
| Nandyal | 1730 | 281 | 1002.5 | 972.4 | -0.4 | 38.3 | 23.3 | 14.1 | 16.3 | 25 | + 1 | 3.2 | -0.3 | 3.6 | 0 | 0 | 29 | 00 | 3 | 0 | 21 | 1 | 4 | 0 | 0 | 1 | 0 |
| | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1006.6 | 968.0 | .. | 26.4 | 20.1 | 15.7 | 18.4 | 53 | .. | 2.2 | .. | 4.7 | 0 | 0 | 17 | 00 | 0 | 4 | 5 | 0 | 1 | 7 | 0 | 13 | 0 |
| | 0830 | 350 | 1008.3 | 969.8 | -0.4 | 29.7 | 21.7 | 16.8 | 19.4 | 47 | - 5 | 1.9 | -1.0 | 8.2 | 0 | 0 | 26 | 01 | 1 | 2 | 2 | 5 | 6 | 8 | 1 | 4 | 0 |
| | 1130 | 350 | 1006.8 | 969.0 | .. | 35.2 | 22.5 | 14.5 | 16.9 | 30 | .. | 1.6 | .. | 8.1 | 0 | 0 | 28 | 01 | 2 | 5 | 6 | 2 | 6 | 2 | 4 | 2 | 0 |
| | 1430 | 350 | 1003.1 | 965.7 | .. | 38.1 | 22.3 | 11.6 | 13.9 | 21 | .. | 2.6 | .. | 8.5 | 0 | 1 | 23 | 02 | 6 | 5 | 5 | 2 | 0 | 2 | 2 | 6 | 0 |
| | 1730 | 350 | 1001.9 | 964.6 | -0.4 | 37.9 | 22.1 | 11.0 | 13.7 | 21 | - 2 | 3.0 | -0.7 | 12.1 | 0 | 2 | 27 | 01 | 5 | 17 | 4 | 0 | 0 | 1 | 1 | 1 | 0 |
| | 2030 | 350 | 1004.5 | 966.6 | .. | 33.9 | 20.9 | 11.7 | 14.1 | 27 | .. | 1.7 | .. | 9.5 | 0 | 5 | 15 | 00 | 2 | 12 | 4 | 0 | 1 | 1 | 0 | 10 | 0 |
| | 2330 | 350 | 1006.1 | 967.8 | .. | 31.5 | 20.8 | 13.4 | 15.9 | 35 | .. | 1.6 | .. | 11.2 | 0 | 2 | 24 | 00 | 1 | 17 | 4 | 1 | 3 | 0 | 0 | 4 | 0 |
| Cuddapah | 0830 | 130 | 1008.8 | 994.4 | -0.6 | 31.8 | 25.0 | 21.8 | 26.1 | 56 | 0 | 1.2 | -1.1 | 2.0 | 0 | 0 | 12 | 00 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 1730 | 130 | 1003.2 | 989.1 | -0.5 | 38.6 | 25.6 | 19.1 | 22.1 | 33 | - 7 | 2.5 | -0.7 | 2.2 | 0 | 0 | 25 | 00 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Arogyavaram | 0830 | 701 | 1009.0 | 932.8 | -0.4 | 26.6 | 21.9 | 19.4 | 22.8 | 65 | - 1 | 2.1 | -1.4 | 5.9 | 0 | 0 | 27 | 01 | 1 | 2 | 12 | 5 | 4 | 1 | 1 | 3 | 0 |
| | 1730 | 701 | 1002.8 | 928.8 | -0.2 | 34.0 | 21.1 | 13.0 | 15.6 | 30 | - 4 | 2.8 | -1.9 | 10.6 | 0 | 1 | 27 | 02 | 4 | 18 | 2 | 0 | 0 | 1 | 1 | 2 | 0 |
| MADRAS STATE (INCLUDING PONDICHERRY) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1009.7 | 1008.9 | -0.4 | 29.4 | 26.1 | 24.7 | 31.1 | 76 | + 4 | 5.1 | +0.9 | 5.6 | 0 | 0 | 20 | 00 | 1 | 0 | 2 | 3 | 12 | 2 | 0 | 10 | 0 |
| | 1730 | 6 | 1005.7 | 1005.0 | .. | 30.3 | 26.5 | 24.9 | 31.5 | 73 | .. | 3.2 | .. | 7.8 | 0 | 0 | 28 | 01 | 0 | 4 | 17 | 4 | 2 | 0 | 0 | 2 | 0 |
| Madras (Minambakkam) | 0230 | 16 | 1007.2 | 1005.4 | .. | 27.3 | 25.7 | 24.9 | 31.7 | 87 | .. | 3.5 | .. | 4.6 | 0 | 0 | 26 | 00 | 0 | 0 | 8 | 13 | 3 | 2 | 0 | 4 | 0 |
| | 0530 | 16 | 1007.7 | 1005.9 | .. | 26.6 | 25.3 | 24.8 | 31.1 | 90 | .. | 4.1 | .. | 2.8 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 4 | 6 | 6 | 0 | 14 | 0 |
| | 0830 | 16 | 1009.6 | 1007.9 | -0.5 | 29.9 | 26.3 | 24.8 | 31.3 | 74 | + 2 | 5.0 | +0.8 | 8.1 | 0 | 1 | 27 | 00 | 0 | 0 | 2 | 15 | 8 | 2 | 1 | 2 | 0 |
| | 1130 | 16 | 1008.9 | 1007.1 | .. | 33.6 | 26.3 | 23.1 | 28.3 | 55 | .. | 4.5 | .. | 10.5 | 0 | 3 | 26 | 00 | 0 | 4 | 8 | 13 | 3 | 0 | 1 | 1 | 0 |
| | 1430 | 16 | 1006.1 | 1004.4 | .. | 33.8 | 26.9 | 23.9 | 29.7 | 57 | .. | 4.0 | .. | 17.6 | 0 | 16 | 13 | 00 | 0 | 14 | 12 | 2 | 0 | 0 | 1 | 1 | 0 |
| | 1730 | 16 | 1005.7 | 1004.0 | -0.3 | 31.2 | 26.4 | 24.3 | 30.4 | 67 | - 1 | 3.9 | +0.8 | 18.1 | 0 | 14 | 16 | 01 | 0 | 10 | 17 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 16 | 1007.8 | 1006.1 | .. | 28.8 | 26.1 | 25.0 | 31.5 | 80 | .. | 2.3 | .. | 12.6 | 0 | 1 | 28 | 01 | 0 | 7 | 19 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 2330 | 16 | 1008.4 | 1006.7 | .. | 28.1 | 26.0 | 25.2 | 31.9 | 84 | .. | 2.5 | .. | 10.7 | 1 | 0 | 27 | 01 | 0 | 0 | 23 | 4 | 0 | 0 | 0 | 2 | 0 |
| Vellore | 0530 | 214 | 1007.9 | 983.8 | .. | 25.2 | 23.1 | 22.3 | 26.6 | 84 | .. | 2.0 | .. | 0.3 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 0830 | 214 | 1009.7 | 985.7 | -0.2 | 28.3 | 24.8 | 23.2 | 28.3 | 74 | + 5 | 3.3 | +0.0 | 1.5 | 0 | 0 | 9 | 00 | 1 | 0 | 0 | 3 | 3 | 2 | 0 | 21 | 0 |
| | 1130 | 214 | 1008.5 | 985.0 | .. | 33.7 | 25.4 | 21.4 | 25.6 | 49 | .. | 4.1 | .. | 3.8 | 0 | 0 | 18 | 01 | 3 | 1 | 2 | 6 | 4 | 1 | 0 | 12 | 0 |
| | 1730 | 214 | 1004.1 | 980.9 | -0.3 | 35.1 | 24.4 | 19.2 | 21.8 | 39 | + 0 | 3.5 | -0.3 | 6.9 | 0 | 0 | 30 | 01 | 1 | 7 | 16 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 214 | 1008.7 | 984.8 | .. | 28.1 | 24.2 | 22.3 | 26.9 | 71 | .. | 1.7 | .. | 4.2 | 0 | 0 | 15 | 00 | 1 | 0 | 8 | 5 | 0 | 0 | 1 | 15 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1009.4 | 1006.2 | .. | 30.2 | 26.6 | 24.9 | 31.5 | 74 | .. | 5.2 | .. | 9.7 | 0 | 0 | 28 | 00 | 1 | 0 | 3 | 9 | 13 | 2 | 0 | 2 | 0 |
| | 1730 | 29 | 1005.8 | 1002.7 | .. | 32.0 | 26.4 | 24.0 | 29.8 | 63 | .. | 3.9 | .. | 18.0 | 0 | 9 | 21 | 00 | 0 | 7 | 18 | 4 | 0 | 0 | 1 | 0 | 0 |
| Tiruppattur | 0830 | 390 | 1009.5 | 966.3 | -0.5 | 26.7 | 22.6 | 20.7 | 24.4 | 73 | + 1 | 6.5 | +2.4 | 3.1 | 0 | 0 | 29 | 27 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 390 | 1003.3 | 961.1 | -1.2 | 33.4 | 22.6 | 16.1 | 18.3 | 37 | - 9 | 6.3 | +1.3 | 8.3 | 0 | 0 | 30 | 27 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 29.4 | 25.0 | 22.9 | 28.1 | 69 | .. | 5.0 | .. | 3.9 | 0 | 0 | 30 | 00 | 5 | 0 | 10 | 0 | 13 | 0 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 34.9 | 29.0 | 26.8 | 35.0 | 63 | .. | 7.0 | .. | 3.7 | 0 | 0 | 30 | 00 | 5 | 0 | 10 | 0 | 12 | 0 | 3 | 0 | 0 |
| Cuddalore | 0530 | 12 | 1007.6 | 1006.3 | .. | 26.0 | 25.2 | 24.8 | 31.5 | 93 | .. | 3.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 0830 | 12 | 1009.9 | 1008.5 | -0.4 | 29.6 | 26.6 | 25.4 | 32.4 | 78 | + 3 | 4.1 | +0.0 | 3.8 | 0 | 0 | 20 | 00 | 2 | 0 | 6 | 11 | 1 | 0 | 0 | 10 | 0 |
| | 1130 | 12 | 1009.3 | 1008.0 | .. | 32.0 | 27.6 | 25.8 | 33.2 | 70 | .. | 3.3 | .. | 7.7 | 0 | 0 | 30 | 00 | 1 | 4 | 25 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 12 | 1005.9 | 1004.5 | -0.3 | 30.4 | 27.3 | 26.1 | 33.8 | 78 | + 5 | 3.7 | +0.2 | 8.4 | 0 | 0 | 30 | 00 | 0 | 4 | 25 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 2330 | 12 | 1008.6 | 1007.3 | .. | 28.5 | 26.6 | 25.8 | 33.4 | 86 | .. | 2.9 | .. | 3.5 | 0 | 1 | 16 | 00 | 0 | 5 | 11 | 0 | 0 | 0 | 1 | 13 | 0 |
| Kallakkurichchi | 0830 | 127 | 1009.4 | 995.2 | -0.5 | 29.2 | 26.7 | 25.7 | 33.0 | 82 | + 9 | 4.0 | +0.6 | 5.7 | 0 | 0 | 28 | 02 | 0 | 0 | 21 | 2 | 2 | 1 | 0 | 2 | 0 |
| | 1730 | 127 | 1004.1 | 990.3 | -0.5 | 35.5 | 27.4 | 23.9 | 29.7 | 53 | + 7 | 3.4 | -0.4 | 9.5 | 0 | 3 | 27 | 00 | 2 | 20 | 6 | 1 | 0 | 0 | 1 | 0 | 0 |
| Salem | 0530 | 278 | 1007.4 | 976.3 | .. | 25.9 | 22.7 | 21.8 | 26.1 | 75 | .. | 2.2 | .. | 1.2 | 0 | 0 | 11 | 00 | 1 | 7 | 0 | 3 | 0 | 0 | 0 | 19 | 0 |
| | 0830 | 278 | 1009.4 | 978.5 | -0.4 | 28.5 | 23.5 | 20.9 | 26.3 | 64 | - 6 | 4.3 | +1.2 | 1.7 | 0 | 0 | 11 | 00 | 1 | 4 | 2 | 0 | 1 | 0 | 0 | 19 | 3 |
| | 1130 | 278 | 1008.0 | 977.7 | .. | 32.9 | 24.0 | 19.3 | 22.4 | 48 | .. | 4.0 | .. | 4.9 | 0 | 0 | 29 | 00 | 2 | 3 | 2 | 7 | 1 | 3 | 2 | 1 | 9 |
| | 1730 | 278 | 1003.4 | 973.3 | -0.5 | 34.6 | 22.7 | 15.2 | 17.3 | 35 | - 6 | 5.0 | +0.5 | 9.0 | 0 | 2 | 25 | 00 | 3 | 17 | 1 | 1 | 0 | 1 | 1 | 3 | 3 |
| | 2330 | 278 | 1008.0 | 970.1 | .. | 28.6 | 23.6 | 20.3 | 23.8 | 64 | .. | 3.6 | .. | 9.0 | 0 | 0 | 26 | 01 | 2 | 21 | 1 | 1 | 0 | 0 | 0 | 4 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1007.9 | 963.4 | .. | 24.0 | 23.3 | 22.9 | 27.9 | 94 | .. | 2.3 | .. | 6.9 | 0 | 0 | 17 | 01 | 1 | 0 | 0 | 6 | 8 | 0 | 1 | 13 | 0 |
| | 0830 | 399 | 1009.6 | 965.4 | -0.4 | 26.9 | 24.3 | 23.2 | 28.4 | 77 | + 4 | 4.0 | +0.1 | 7.4 | 0 | 1 | 17 | 03 | 3 | 2 | 2 | 3 | 4 | 0 | 1 | 12 | 0 |
| | 1130 | 399 | 1008.2 | 964.8 | .. | 31.8 | 25.6 | 22.6 | 27.4 | 60 | .. | 4.5 | .. | 9.3 | 0 | 0 | 22 | 02 | 4 | 5 | 1 | 6 | 2 | 0 | 0 | 8 | 2 |
| | 1430 | 399 | 1004.4 | 961.6 | .. | 35.2 | 25.5 | 20.6 | 24.3 | 44 | .. | 4.9 | .. | 14.8 | 0 | 7 | 19 | 01 | 7 | 7 | 0 | 6 | 4 | 1 | 0 | 4 | 0 |
| | 1730 | 399 | 1003.6 | 960.7 | -1.1 | 34.2 | 25.3 | 20.4 | 24.0 | 49 | + 5 | 4.6 | -0.5 | 20.2 | 1 | 11 | 18 | 00 | 7 | 7 | 1 | 6 | 5 | 2 | 1 | 0 | 1 |
| | 2030 | 399 | 1006.9 | 963.3 | .. | 28.3 | 24.9 | 23.3 | 28.6 | 76 | .. | 3.3 | .. | 21.4 | 0 | 18 | 12 | 00 | 0 | 0 | 2 | 17 | 10 | 1 | 0 | 0 | 0 |
| | 2330 | 399 | 1008.6 | 964.3 | .. | 25.7 | 24.4 | 23.7 | 29.3 | 92 | .. | 2.7 | .. | 14.8 | 0 | 3 | 27 | 00 | 2 | 0 | 1 | 13 | 10 | 1 | 1 | 0 | 2 |
| Coimbatore | 0830 | 409 | 1009.2 | 964.1 | -0.6 | 27.5 | 23.4 | 21.4 | 25.3 | 70 | - 3 | 4.7 | +1.0 | 3.3 | 0 | 0 | 29 | 05 | 5 | 3 | 2 | 7 | 4 | 2 | 1 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nagapattinam | 0830 | 9 | 1009.9 | 1008.8 | -0.4 | 30.2 | 25.9 | 24.0 | 30.0 | 70 | - 3 | 5.1 | +0.6 | 7.6 | 0 | 3 | 19 | 00 | 2 | 3 | 10 | 0 | 4 | 2 | 1 | 8 | 0 |
| | 1730 | 9 | 1005.8 | 1004.7 | -0.6 | 30.4 | 26.3 | 24.6 | 30.7 | 71 | - 2 | 4.9 | +1.2 | 18.3 | 0 | 12 | 18 | 00 | 0 | 10 | 19 | 0 | 0 | 0 | 1 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1007.0 | 997.1 | .. | 27.6 | 24.4 | 22.9 | 27.9 | 76 | .. | 4.6 | .. | 6.0 | 0 | 2 | 19 | 00 | 5 | 4 | 1 | 8 | 1 | 1 | 1 | 9 | 0 |
| | 0530 | 88 | 1007.2 | 997.3 | .. | 26.6 | 24.2 | 23.1 | 28.3 | 81 | .. | 4.6 | .. | 3.8 | 0 | 1 | 12 | 00 | 3 | 1 | 1 | 3 | 1 | 1 | 3 | 17 | 0 |
| | 0830 | 88 | 1009.3 | 999.4 | -0.8 | 29.5 | 24.7 | 22.5 | 27.3 | 67 | - 6 | 4.9 | +1.1 | 7.8 | 0 | 4 | 18 | 00 | 4 | 2 | 0 | 1 | 5 | 6 | 4 | 8 | 0 |
| | 1130 | 88 | 1008.5 | 998.8 | .. | 33.8 | 24.7 | 20.2 | 23.7 | 45 | .. | 5.3 | .. | 10.0 | 0 | 3 | 22 | 01 | 2 | 2 | 7 | 5 | 2 | 3 | 3 | 5 | 0 |
| | 1430 | 88 | 1004.9 | 995.3 | .. | 36.3 | 24.5 | 18.2 | 21.0 | 35 | .. | 5.5 | .. | 9.7 | 0 | 2 | 25 | 00 | 2 | 8 | 8 | 1 | 1 | 1 | 6 | 3 | 0 |
| | 1730 | 88 | 1004.1 | 994.5 | -0.7 | 35.3 | 24.3 | 18.4 | 21.3 | 39 | - 3 | 5.5 | +1.3 | 14.7 | 0 | 10 | 18 | 00 | 3 | 10 | 9 | 1 | 1 | 2 | 2 | 2 | 0 |
| | 2030 | 88 | 1007.1 | 1007.3 | .. | 31.1 | 24.7 | 21.6 | 25.9 | 58 | .. | 4.2 | .. | 19.1 | 0 | 15 | 15 | 00 | 0 | 6 | 20 | 2 | 1 | 0 | 1 | 0 | 0 |
| | 2330 | 88 | 1008.3 | 998.4 | .. | 29.0 | 24.7 | 22.8 | 27.6 | 70 | .. | 4.8 | .. | 11.1 | 0 | 1 | 26 | 00 | 0 | 8 | 11 | 4 | 1 | 2 | 1 | 3 | 0 |
| Vedaranniyam | 0830 | 4 | 1009.5 | 1009.0 | .. | 30.2 | 26.7 | 25.5 | 32.2 | 75 | .. | 1.9 | .. | 1.1 | 0 | 0 | 30 | 01 | 1 | 0 | 25 | 0 | 3 | 0 | 0 | 0 | 0 |
| Atirampattinam | 1730 | 4 | 1005.9 | 1005.4 | .. | 30.5 | 26.2 | 24.3 | 30.4 | 70 | .. | 2.8 | .. | 1.1 | 0 | 0 | 30 | 00 | 4 | 0 | 23 | 0 | 3 | 0 | 0 | 0 | 0 |
| | 0830 | 6 | 1009.2 | 1008.5 | .. | 29.8 | 26.1 | 24.6 | 30.7 | 74 | .. | 3.7 | .. | 6.2 | 0 | 1 | 27 | 08 | 1 | 1 | 5 | 5 | 1 | 0 | 7 | 2 | 0 |
| Madurai | 1730 | 6 | 1005.4 | 1004.7 | .. | 31.8 | 26.5 | 24.2 | 30.4 | 65 | .. | 3.2 | .. | 13.7 | 0 | 4 | 26 | 00 | 0 | 0 | 19 | 10 | 0 | 0 | 1 | 0 | 0 |
| Madurai Aerodrome | 0830 | 133 | 1008.7 | 994.2 | -0.9 | 29.5 | 25.4 | 23.5 | 28.9 | 71 | + 3 | 6.7 | +2.1 | 2.9 | 0 | 0 | 21 | 04 | 2 | 4 | 1 | 2 | 1 | 1 | 6 | 9 | 0 |
| | 0530 | 131 | 1007.5 | 992.7 | .. | 26.4 | 24.1 | 23.1 | 28.3 | 83 | .. | 3.6 | .. | 3.0 | 0 | 0 | 12 | 01 | 7 | 2 | 1 | 0 | 0 | 0 | 1 | 18 | 0 |
| | 0830 | 131 | 1009.4 | 994.7 | -0.8 | 29.3 | 25.0 | 23.1 | 28.3 | 70 | - 2 | 4.7 | +0.3 | 6.4 | 0 | 0 | 25 | 06 | 6 | 5 | 3 | 1 | 0 | 1 | 2 | 5 | 1 |
| | 1130 | 131 | 1008.5 | 994.0 | .. | 33.0 | 24.9 | 21.0 | 24.9 | 50 | .. | 5.2 | .. | 7.4 | 0 | 0 | 29 | 06 | 9 | 2 | 8 | 2 | 1 | 0 | 1 | 1 | 0 |
| | 1730 | 131 | 1004.6 | 990.2 | -0.9 | 34.2 | 24.7 | 19.8 | 23.1 | 45 | - 3 | 5.4 | +0.1 | 15.3 | 0 | 0 | 30 | 00 | 3 | 8 | 12 | 3 | 0 | 3 | 1 | 0 | 0 |
| Tondi | 0830 | 5 | 1009.7 | 1009.1 | -0.8 | 29.3 | 25.9 | 24.4 | 30.5 | 75 | - 2 | 4.2 | -1.2 | 5.8 | 0 | 0 | 21 | 05 | 1 | 2 | 3 | 4 | 3 | 2 | 1 | 9 | 0 |
| | 1730 | 5 | 1005.9 | 1005.3 | -0.8 | 30.9 | 26.6 | 24.7 | 31.1 | 70 | - 8 | 4.3 | -0.8 | 14.0 | 0 | 6 | 24 | 00 | 0 | 9 | 13 | 7 | 1 | 0 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1009.4 | 1008.1 | -0.8 | 29.6 | 25.9 | 24.3 | 30.4 | 73 | - 4 | 5.2 | +1.2 | 5.7 | 0 | 0 | 30 | 01 | 2 | 6 | 6 | 13 | 1 | 0 | 1 | 0 | 0 |
| | 1730 | 11 | 1005.9 | 1004.6 | -0.8 | 30.6 | 26.0 | 23.8 | 29.5 | 69 | - 7 | 4.7 | +0.8 | 6.0 | 0 | 0 | 30 | 02 | 5 | 1 | 2 | 19 | 0 | 0 | 1 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1009.6 | 1009.2 | -0.7 | 29.9 | 25.7 | 23.6 | 29.5 | 70 | - 4 | 3.9 | +0.5 | 8.5 | 0 | 1 | 29 | 06 | 1 | 2 | 1 | 2 | 4 | 5 | 9 | 0 | 0 |
| | 1730 | 4 | 1005.9 | 1005.5 | -0.6 | 30.8 | 26.2 | 24.2 | 30.2 | 68 | - 3 | 5.8 | +2.7 | 16.4 | 0 | 10 | 20 | 01 | 0 | 0 | 17 | 11 | 0 | 1 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1009.5 | 1003.8 | -0.5 | 29.5 | 25.3 | 23.4 | 28.8 | 70 | + 1 | 5.1[c] | +0.7[c] | 5.7 | 0 | 0 | 26 | 07 | 1 | 0 | 0 | 4 | 1 | 9 | 4 | 2 | 0 |
| | 1730 | 51 | 1005.4 | 999.7 | -0.6 | 31.7 | 25.3 | 22.3 | 26.9 | 59 | + 1 | 6.1[c] | +1.0[c] | 14.4 | 0 | 9 | 19 | 04 | 0 | 7 | 8 | 6 | 1 | 2 | 0 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1009.2 | 1005.1 | .. | 29.8 | 25.3 | 23.2 | 28.6 | 68 | .. | 4.8 | .. | 10.1 | 0 | 4 | 26 | 04 | 6 | 0 | 1 | 0 | 3 | 11 | 5 | 0 | 0 |
| | 1730 | 37 | 1006.2 | 1002.1 | .. | 30.6 | 25.9 | 23.8 | 29.7 | 69 | .. | 5.5 | .. | 13.5 | 0 | 7 | 23 | 00 | 0 | 0 | 5 | 6 | 6 | 11 | 2 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1010.3 | 1009.8 | +0.1 | 27.9 | 24.6 | 23.1 | 28.3 | 75 | - 1 | 2.7 | -0.6 | 4.6 | 0 | 0 | 30 | 04 | 5 | 7 | 1 | 0 | 0 | 1 | 6 | 0 | 6 |
| | 1730 | 4 | 1006.7 | 1006.2 | -0.1 | 29.7 | 25.6 | 23.8 | 29.5 | 71 | + 0 | 2.6 | -0.7 | 16.4 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 27 | 0 | 2 |
| Honavar | 0830 | 26 | 1010.2 | 1007.2 | -0.7 | 27.0 | 24.1 | 22.8 | 27.6 | 78 | + 0 | 4.3 | -0.1 | 3.7 | 0 | 0 | 29 | 00 | 2 | 23 | 0 | 0 | 1 | 0 | 3 | 1 | 0 |
| | 1730 | 26 | 1006.9 | 1004.0 | -0.5 | 30.4 | 25.4 | 23.1 | 28.3 | 65 | - 5 | 4.0 | -0.3 | 6.3 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 15 | 15 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1008.2 | 996.7 | .. | 26.5 | 24.0 | 22.9 | 27.9 | 81 | .. | 3.5 | .. | 1.0 | 0 | 0 | 4 | 01 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 26 | 0 |
| | 0530 | 102 | 1008.2 | 996.7 | .. | 25.6 | 23.6 | 22.7 | 27.4 | 83 | .. | 3.9 | .. | 2.2 | 0 | 1 | 6 | 01 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 23 | 0 |
| | 0830 | 102 | 1010.0 | 998.6 | -0.5 | 28.4 | 24.6 | 22.7 | 27.7 | 72 | - 1 | 4.2 | +0.7 | 4.8 | 0 | 0 | 18 | 02 | 5 | 4 | 4 | 0 | 0 | 0 | 2 | 12 | 1 |
| | 1130 | 102 | 1009.5 | 998.2 | .. | 32.3 | 25.2 | 21.9 | 26.3 | 55 | .. | 4.0 | .. | 13.1 | 0 | 5 | 24 | 02 | 0 | 0 | 1 | 0 | 3 | 14 | 6 | 1 | 3 |
| | 1430 | 102 | 1006.8 | 995.5 | .. | 32.5 | 25.5 | 22.3 | 26.9 | 55 | .. | 3.8 | .. | 22.5 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 7 | 17 | 6 | 0 | 0 |
| | 1730 | 102 | 1006.2 | 994.9 | -0.6 | 30.3 | 25.1 | 22.7 | 27.6 | 64 | - 2 | 5.1 | +1.1 | 19.5 | 0 | 15 | 15 | 01 | 0 | 0 | 0 | 0 | 2 | 18 | 9 | 0 | 0 |
| | 2030 | 102 | 1008.4 | 997.0 | .. | 28.1 | 24.7 | 23.1 | 28.3 | 74 | .. | 3.4 | .. | 10.5 | 0 | 1 | 26 | 01 | 0 | 0 | 0 | 0 | 2 | 7 | 17 | 3 | 0 |
| | 2330 | 102 | 1009.5 | 998.0 | .. | 27.4 | 24.4 | 23.0 | 28.1 | 77 | .. | 4.6 | .. | 3.4 | 0 | 0 | 13 | 04 | 0 | 1 | 0 | 0 | 0 | 1 | 7 | 17 | 0 |
| Mangalore | 0830 | 22 | 1009.9 | 1007.4 | -0.7 | 28.4 | 24.7 | 23.0 | 29.7 | 73 | + 0 | 2.7 | -1.3 | 6.5 | 0 | 0 | 30 | 04 | 8 | 12 | 4 | 0 | 1 | 0 | 1 | 0 | 0 |
| | 1730 | 22 | 1006.4 | 1004.0 | -0.6 | 30.5 | 26.0 | 24.1 | 30.0 | 69 | + 0 | 2.5 | -1.8 | 10.6 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 0 | 4 | 7 | 16 | 0 | 1 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1007.9 | 936.0 | -0.5 | 29.0 | 19.8 | 14.2 | 16.4 | 43 | - 6 | 1.9 | -0.7 | 14.3 | 0 | 6 | 24 | 01 | 1 | 0 | 4 | 4 | 12 | 2 | 6 | 0 | 0 |
| | 1730 | 664 | 1001.9 | 931.7 | -0.4 | 34.4 | 20.5 | 11.4 | 13.9 | 27 | - 4 | 5.9 | +1.2 | 12.1 | 0 | 6 | 22 | 04 | 3 | 6 | 6 | 4 | 3 | 1 | 1 | 2 | 0 |
| Gulbarga | 0830 | 458 | 1008.0 | 957.9 | -0.7 | 30.3 | 20.0 | 13.3 | 15.9 | 38 | - 3 | 2.8 | +0.8 | 7.5 | 0 | 2 | 18 | 06 | 3 | 3 | 4 | 3 | 0 | 0 | 1 | 10 | 0 |
| | 1730 | 458 | 1001.6 | 953.0 | -0.5 | 37.5 | 21.0 | 10.1 | 12.8 | 21 | - 1 | 5.4 | +1.5 | 10.3 | 0 | 2 | 27 | 01 | 2 | 6 | 10 | 4 | 1 | 2 | 3 | 1 | 0 |
| Bijapur | 0830 | 594 | 1008.7 | 943.7 | -0.5 | 26.6 | 21.8 | 19.1 | 22.5 | 62 | +12 | 4.9 | +2.8 | 4.6 | 0 | 0 | 26 | 06 | 2 | 2 | 0 | 4 | 3 | 4 | 5 | 4 | 0 |
| | 1730 | 594 | 1001.6 | 939.0 | -0.2 | 36.9 | 25.9 | 21.3 | 25.3 | 42 | +17 | 4.8 | +0.8 | 2.5 | 0 | 0 | 24 | 02 | 1 | 2 | 5 | 4 | 0 | 7 | 3 | 6 | 0 |
| Raichur | 0830 | 400 | 1008.2 | 964.4 | -0.7 | 30.3 | 22.5 | 17.9 | 20.9 | 51 | - 3 | 3.6 | +1.4 | 7.5 | 0 | 3 | 23 | 00 | 3 | 0 | 6 | 0 | 13 | 0 | 1 | 4 | 3 |
| | 1730 | 400 | 1002.3 | 959.8 | -0.5 | 37.3 | 23.5 | 15.1 | 17.6 | 28 | - 2 | 4.3 | +0.8 | 5.6 | 0 | 0 | 30 | 00 | 8 | 0 | 17 | 0 | 3 | 0 | 2 | 0 | 0 |
| Belgaum | 0830 | 753 | 1009.6 | 927.5 | -0.3 | 25.2 | 20.1 | 17.2 | 19.7 | 63 | - 9 | 1.8 | +0.0 | 1.6 | 0 | 0 | 10 | 00 | 1 | 2 | 1 | 0 | 1 | 3 | 1 | 20 | 1 |
| | 1730 | 753 | 1003.9 | 924.0 | -0.3 | 32.1 | 23.8 | 19.8 | 23.2 | 49 | + 3 | 2.9 | -0.1 | 8.0 | 0 | 0 | 29 | 00 | 0 | 2 | 0 | 0 | 4 | 20 | 2 | 1 | 1 |
| Belgaum (Samra) | 0530 | 747 | 1008.2 | 925.8 | .. | 21.2 | 17.8 | 15.5 | 17.9 | 72 | .. | 2.1 | .. | 3.7 | 0 | 0 | 18 | 00 | 4 | 1 | 3 | 0 | 6 | 4 | 0 | 12 | 0 |
| | 0830 | 747 | 1009.3 | 927.7 | -0.6 | 24.4 | 18.7 | 14.9 | 17.4 | 59 | - 3 | 3.1 | +0.6 | 6.0 | 0 | 0 | 21 | 01 | 1 | 0 | 4 | 0 | 1 | 10 | 4 | 9 | 0 |
| | 1130 | 747 | 1006.8 | 927.4 | .. | 32.6 | 19.0 | 9.0 | 11.5 | 25 | .. | 2.0 | .. | 9.4 | 0 | 0 | 30 | 02 | 10 | 1 | 2 | 0 | 4 | 5 | 6 | 0 | 0 |
| | 1430 | 747 | 1003.1 | 924.7 | .. | 35.3 | 19.6 | 8.5 | 11.3 | 20 | .. | 3.9 | .. | 9.9 | 0 | 1 | 28 | 03 | 6 | 1 | 1 | 1 | 3 | 11 | 3 | 1 | 0 |
| | 1730 | 747 | 1002.8 | 923.9 | -0.7 | 32.9 | 21.3 | 14.3 | 16.8 | 35 | -10 | 3.7 | -0.4 | 19.5 | 0 | 19 | 11 | 02 | 1 | 1 | 0 | 1 | 5 | 18 | 2 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| INTERIOR MYSORE, NORTH (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) (Contd.) | 2030 | 747 | 1006.8 | 925.8 | .. | 26.2 | 21.3 | 18.6 | 21.8 | 64 | .. | 2.5 | .. | 17.5 | 0 | 13 | 17 | 00 | 0 | 0 | 0 | 0 | 4 | 25 | 1 | 0 | 0 |
| Gadag | 0530 | 650 | 1007.6 | 936.1 | .. | 23.6 | 21.3 | 19.9 | 23.5 | 81 | .. | 1.8 | .. | 8.3 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 6 | 8 | 12 | 0 | 2 | 1 |
| | 0830 | 650 | 1009.0 | 937.9 | -0.8 | 25.8 | 21.7 | 19.5 | 22.9 | 69 | - 2 | 1.0 | -1.8 | 5.7 | 0 | 0 | 30 | 00 | 1 | 1 | 1 | 1 | 17 | 4 | 5 | 0 | 0 |
| | 1130 | 650 | 1006.7 | 937.6 | .. | 33.8 | 23.8 | 18.7 | 22.1 | 42 | .. | 1.7 | .. | 6.7 | 0 | 1 | 23 | 02 | 3 | 1 | 1 | 1 | 2 | 7 | 3 | 6 | 4 |
| | 1430 | 650 | 1002.7 | 934.5 | .. | 37.6 | 25.1 | 18.9 | 22.7 | 35 | .. | 3.6 | .. | 6.1 | 0 | 0 | 25 | 02 | 6 | 1 | 4 | 0 | 0 | 6 | 2 | [illegible] | 4 |
| | 1730 | 650 | 1001.6 | 933.5 | -0.5 | 36.9 | 24.7 | 18.7 | 22.1 | 38 | - 3 | 5.1 | +0.6 | 5.1 | 0 | 0 | 30 | 00 | 6 | 3 | 8 | 1 | 3 | 0 | 7 | 0 | 2 |
| | 2030 | 650 | 1005.0 | 935.4 | .. | 31.4 | 23.5 | 19.6 | 23.2 | 51 | .. | 2.2 | .. | 10.9 | 0 | 2 | 25 | 00 | 0 | 9 | 1 | 1 | 3 | 11 | 2 | 3 | 0 |
| | 2330 | 650 | 1007.5 | 936.9 | .. | 27.4 | 23.1 | 21.1 | 25.0 | 70 | .. | 2.0 | .. | 10.9 | 0 | 1 | 28 | 00 | 0 | 0 | 1 | 2 | 1 | 21 | 2 | 1 | 2 |
| INTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1007.9 | 958.0 | -1.6 | 28.4 | 21.2 | 16.7 | 19.3 | 50 | - 3 | 1.5 | -1.3 | 5.1 | 0 | 0 | 20 | 01 | 0 | 1 | 11 | 0 | 0 | 0 | 7 | 10 | 0 |
| | 1730 | 449 | 1001.6 | 954.1 | -0.5 | 37.8 | 23.1 | 14.0 | 16.3 | 26 | - 2 | 5.6 | +1.5 | 9.8 | 0 | 0 | 30 | 04 | 4 | 6 | 11 | 0 | 1 | 0 | 4 | 0 | 0 |
| Chitradurga | 0830 | 733 | 1008.9 | 928.9 | -0.7 | 25.3 | 21.1 | 18.9 | 22.0 | 69 | + 2 | 2.2 | -1.0 | 7.0 | 0 | 0 | 25 | 00 | 1 | 2 | 0 | 0 | 3 | 19 | 0 | 5 | 0 |
| | 1730 | 733 | 1001.5 | 924.6 | -0.5 | 35.1 | 23.9 | 17.7 | 21.3 | 39 | + 9 | 4.0 | -0.3 | 7.2 | 0 | 0 | 30 | 00 | 2 | 18 | 0 | 0 | 0 | 9 | 1 | 0 | 0 |
| Shimoga | 0830 | 571 | 1009.3 | 946.4 | -0.6 | 25.1 | 21.4 | 19.5 | 22.7 | 72 | - 3 | 5.2 | +2.1 | 2.5 | 0 | 0 | 25 | 01 | 1 | 1 | 0 | 2 | 13 | 7 | 0 | 5 | 0 |
| | 1730 | 571 | 1002.0 | 941.4 | -1.0 | 34.6 | 22.1 | 14.9 | 17.4 | 35 | - 9 | 5.7 | +0.7 | 6.5 | 0 | 0 | 28 | 01 | 2 | 3 | 2 | 0 | 7 | 11 | 2 | 2 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 23.1 | 21.6 | 20.9 | 24.7 | 87 | .. | . | .. | 5.1 | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 23.6 | 20.1 | 18.0 | 21.0 | 73 | -14 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1510.4 | 905.8 | -0.6 | 22.8 | 19.7 | 17.9 | 20.8 | 75 | - 1 | 2.5 | -0.7 | 2.3 | 0 | 0 | 28 | 02 | 0 | 0 | 2 | 1 | 7 | 14 | 2 | 2 | 0 |
| | 1730 | 960 | 1485.3 | 901.6 | -0.9 | 31.9 | 20.4 | 13.1 | 15.5 | 35 | -12 | 5.6 | +0.1 | 3.6 | 0 | 0 | 29 | 01 | 2 | 11 | 0 | 0 | 6 | 5 | . | 1 | 0 |
| Bangalore | 0230 | 921 | 1497.4 | 908.5 | .. | 23.2 | 20.0 | 18.2 | 20.8 | 75 | .. | 1.7 | .. | 6.1 | 0 | 0 | 28 | 00 | 0 | 10 | 7 | 3 | 5 | 3 | 0 | 2 | 0 |
| | 0830 | 921 | 1516.3 | 910.1 | -0.2 | 24.9 | 21.4 | 19.7 | 22.9 | 73 | + 3 | 2.8 | -0.8 | 4.5 | 0 | 0 | 24 | 00 | 0 | 4 | 4 | 3 | 5 | 7 | [illegible] | 6 | 0 |
| | 1130 | 921 | 1524.3 | 909.8 | .. | 30.5 | 22.4 | 18.4 | 21.0 | 49 | .. | 3.6 | .. | 5.6 | 0 | 0 | 25 | 00 | 0 | 5 | 5 | 2 | 4 | 2 | 7 | 5 | 0 |
| | 1430 | 921 | 1505.3 | 907.3 | .. | 33.1 | 22.6 | 17.1 | 19.7 | 39 | .. | 4.6 | .. | 5.9 | 0 | 0 | 24 | 01 | 1 | 10 | 7 | 1 | 0 | 2 | 2 | 6 | 0 |
| | 1730 | 921 | 1495.9 | 906.5 | +0.3 | 32.3 | 21.9 | 16.2 | 18.6 | 39 | + 5 | 5.3 | +0.3 | 7.5 | 0 | 0 | 29 | 03 | 2 | 12 | 10 | 0 | 1 | 1 | 0 | 1 | 0 |
| | 2030 | 921 | 1505.8 | 908.4 | .. | 27.9 | 20.8 | 16.8 | 19.3 | 52 | .. | 2.6 | .. | 7.6 | 0 | 0 | 27 | 01 | 3 | 8 | 12 | 1 | 1 | 1 | 0 | 3 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1487.9 | 910.4 | .. | 21.6 | 19.8 | 18.7 | 21.8 | 84 | .. | 2.8 | .. | 4.8 | 0 | 0 | 22 | 00 | 0 | 6 | 0 | 3 | 7 | 6 | 0 | [illegible] | 0 |
| | 0830 | 897 | 1511.5 | 912.3 | -0.5 | 24.5 | 21.4 | 19.8 | 23.2 | 75 | + 6 | 3.3 | -0.6 | 9.7 | 0 | 0 | 27 | 00 | 0 | 1 | 4 | 4 | 8 | 9 | 1 | [illegible] | 0 |
| | 1130 | 897 | 1517.7 | 911.8 | .. | 29.7 | 21.4 | 16.5 | 19.5 | 47 | .. | 6.0 | .. | 8.0 | 0 | 1 | 23 | 02 | 0 | 7 | 4 | 1 | 2 | 3 | 3 | [illegible] | 2 |
| | 1730 | 897 | 1488.1 | 908.2 | -0.5 | 32.3 | 21.0 | 14.2 | 16.5 | 35 | - 1 | 4.7 | -0.6 | 13.0 | 0 | 3 | 26 | 04 | 2 | 14 | 6 | 0 | 2 | 1 | 0 | [illegible] | 0 |
| | 2330 | 897 | 1503.0 | 911.4 | .. | 24.9 | 20.1 | 17.3 | 20.0 | 65 | .. | 3.1 | .. | 12.7 | 0 | 3 | 25 | 00 | 2 | 10 | 10 | 1 | 1 | 3 | 1 | 2 | 0 |
| Mysore | 0830 | 767 | 1009.6 | 926.0 | -0.4 | 24.7 | 21.0 | 19.1 | 22.1 | 71 | - 4 | 3.4 | -0.3 | 4.5 | 0 | 0 | 30 | 02 | 3 | 1 | 0 | 9 | 9 | 3 | 3 | 0 | 0 |
| | 1730 | 767 | 1002.2 | 921.5 | -0.8 | 33.4 | 20.3 | 11.9 | 14.2 | 29 | - 5 | 4.5 | -0.6 | 5.5 | 0 | 0 | 30 | 04 | 5 | 3 | 9 | 6 | 1 | [illegible] | 1 | 0 | 0 |
| KERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1008.4 | 1007.8 | .. | 26.5 | 24.7 | 23.9 | 29.7 | 86 | .. | 3.1 | .. | 3.1 | 0 | 0 | 18 | 01 | 5 | 11 | 0 | 0 | 0 | 0 | 1 | 12 | 0 |
| | 0830 | 5 | 1010.1 | 1009.5 | -0.4 | 29.2 | 25.4 | 23.7 | 29.3 | 73 | - 2 | 2.5 | -1.8 | 2.8 | 0 | 0 | 14 | 03 | 0 | 2 | 0 | 1 | 0 | 1 | 7 | 16 | 0 |
| | 1130 | 5 | 1009.8 | 1009.2 | .. | 31.9 | 26.6 | 24.3 | 30.4 | 64 | .. | 3.2 | .. | 6.6 | 0 | 1 | 27 | 01 | 0 | 0 | 0 | 0 | 6 | 18 | 3 | 2 | 0 |
| | 1730 | 5 | 1006.9 | 1006.3 | -0.2 | 30.9 | 26.7 | 24.9 | 31.5 | 71 | + 0 | 3.6 | -1.2 | 6.7 | 0 | 2 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 6 | 22 | 2 | 0 |
| | 2330 | 5 | 1009.5 | 1008.9 | .. | 28.2 | 25.5 | 24.4 | 30.4 | 80 | .. | 2.8 | .. | 8.4 | 0 | 0 | 29 | 06 | 1 | 0 | 0 | 0 | 0 | 0 | 22 | 1 | 0 |
| Palghat | 0830 | 97 | 1009.8 | 998.9 | -0.6 | 28.9 | 25.0 | 23.3 | 28.6 | 72 | - 5 | 4.3 | +0.2 | 7.1 | 0 | 0 | 26 | 00 | 0 | 1 | 0 | 0 | 0 | 25 | 0 | 4 | 0 |
| | 1730 | 97 | 1004.7 | 994.1 | -0.9 | 33.5 | 25.1 | 21.0 | 25.0 | 49 | -10 | 4.3 | -1.1 | 10.5 | 0 | 1 | 29 | 00 | 0 | 1 | 0 | 0 | 0 | 29 | 0 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1009.7 | 1009.4 | -0.9 | 29.0 | 26.0 | 24.8 | 31.1 | 78 | + 3 | 6.4 | +1.2 | 7.2 | 0 | 1 | 26 | 03 | 12 | 9 | 1 | 0 | 0 | 1 | 1 | 3 | 0 |
| | 1730 | 3 | 1006.3 | 1006.0 | -0.8 | 30.5 | 26.8 | 25.2 | 32.2 | 71 | - 3 | 6.3 | +1.0 | 13.0 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 0 | 2 | 14 | 13 | 1 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1008.1 | 1007.8 | .. | 27.1 | 25.2 | 24.4 | 30.4 | 86 | .. | 5.3 | .. | 4.7 | 0 | 0 | 16 | 00 | 4 | 2 | 4 | 0 | 0 | 3 | 3 | 14 | 0 |
| | 0530 | 3 | 1008.0 | 1007.7 | .. | 26.4 | 24.9 | 24.2 | 30.4 | 88 | .. | 4.2 | .. | 4.1 | 0 | 0 | 18 | 00 | 10 | 4 | 1 | 0 | 0 | 1 | 2 | 12 | 0 |
| | 0830 | 3 | 1009.9 | 1009.6 | .. | 29.1 | 26.0 | 24.7 | 31.1 | 77 | .. | 4.7 | .. | 5.0 | 0 | 0 | 26 | 05 | 9 | 9 | 0 | 0 | 0 | 0 | 2 | 4 | 1 |
| | 1130 | 3 | 1009.7 | 1009.4 | .. | 31.9 | 26.8 | 24.7 | 31.7 | 66 | .. | 4.8 | .. | 12.3 | 0 | 2 | 28 | 01 | 0 | 0 | 0 | 0 | 1 | 16 | 12 | 0 | 0 |
| | 1730 | 3 | 1006.5 | 1006.2 | .. | 30.8 | 26.8 | 25.1 | 31.9 | 72 | .. | 5.2 | .. | 16.7 | 0 | 2 | 28 | 00 | 0 | 1 | 0 | 0 | 1 | 23 | 5 | 0 | 0 |
| | 2330 | 3 | 1009.6 | 1009.3 | .. | 27.6 | 25.3 | 24.3 | 30.4 | 83 | .. | 6.1 | .. | 7.7 | 0 | 0 | 26 | 00 | 2 | 4 | 5 | 0 | 0 | 3 | 12 | 4 | 0 |
| Alleppey | 0830 | 4 | 1010.6 | 1010.2 | +0.5 | 29.3 | 26.3 | 25.1 | 31.7 | 78 | + 0 | 4.3 | -1.0 | 7.9 | 0 | 2 | 28 | 00 | 16 | 5 | 8 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 4 | 1007.2 | 1006.8 | +0.5 | 31.6 | 27.0 | 25.2 | 31.9 | 71 | - 2 | 3.8 | -2.1 | 23.4 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 8 | 22 | 0 | 0 |
| Punalur | 0830 | 34 | 1009.8 | 1006.0 | -0.3 | 27.2 | 25.2 | 24.3 | 30.4 | 85 | + 1 | 5.0 | +0.8 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 1730 | 34 | 1006.1 | 1002.3 | -0.6 | 30.4 | 26.0 | 24.1 | 30.0 | 71 | + 3 | 7.0 | +1.0 | 3.2 | 0 | 0 | 21 | 00 | 2 | 4 | 2 | 4 | 2 | 4 | 3 | 9 | 0 |
| Trivandrum | 0230 | 64 | 1007.7 | 1000.4 | .. | 26.2 | 24.9 | 24.2 | 30.4 | 89 | .. | 3.6 | .. | 2.5 | 0 | 0 | 15 | 02 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 15 | 0 |
| | 0530 | 64 | 1007.8 | 1000.5 | .. | 25.8 | 24.6 | 24.1 | 30.1 | 90 | .. | 3.5 | .. | 4.9 | 0 | 0 | 23 | 06 | 13 | 1 | 0 | 0 | 0 | 0 | 3 | [illegible] | 0 |
| | 0830 | 64 | 1009.8 | 1002.5 | -0.7 | 27.9 | 25.4 | 24.3 | 30.4 | 81 | + 0 | 4.9 | +0.9 | 6.7 | 0 | 1 | 29 | 10 | 11 | 2 | 0 | 0 | 0 | 1 | 6 | 0 | [illegible] |
| | 1130 | 64 | 1009.2 | 1002.0 | .. | 31.3 | 25.8 | 23.4 | 28.6 | 64 | .. | 6.0 | .. | 8.2 | 0 | 2 | 27 | 03 | 1 | 3 | 2 | 1 | 2 | 4 | 13 | [illegible] | [illegible] |
| | 1430 | 64 | 1006.7 | 999.5 | .. | 31.6 | 26.2 | 23.8 | 29.7 | 64 | .. | 5.8 | .. | 13.8 | 0 | 3 | 27 | 00 | 0 | 0 | 1 | 0 | 7 | 14 | 7 | [illegible] | [illegible] |
| | 1730 | 64 | 1006.4 | 999.2 | -0.7 | 30.0 | 25.8 | 23.9 | 29.8 | 71 | - 2 | 6.5 | +0.8 | 11.7 | 0 | 5 | 24 | 00 | 2 | 0 | 1 | 0 | 6 | 6 | 12 | 1 | [illegible] |
| | 2030 | 64 | 1008.8 | 1001.5 | .. | 27.9 | 25.2 | 24.0 | 29.7 | 80 | .. | 5.0 | .. | 6.7 | 0 | 1 | 24 | 00 | 5 | 1 | 1 | 0 | 3 | 5 | 10 | 5 | 0 |
| | 2330 | 64 | 1009.3 | 1002.1 | .. | 27.0 | 25.1 | 24.2 | 30.4 | 85 | .. | 5.1 | .. | 5.3 | 0 | 0 | 25 | 05 | 7 | 0 | 2 | 0 | 0 | 0 | 11 | [illegible] | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KERALA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trivandrum Aerodrome | 0830 | 8 | 1010.0 | 1009.1 | -0.2 | 29.3 | 25.6 | 24.0 | 29.7 | 73 | - 2 | 5.0 | +0.6 | 15.3 | 0 | 12 | 14 | 17 | 5 | 1 | 1 | 0 | 0 | 0 | 2 | 4 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1007.5 | 1007.1 | .. | 27.6 | 25.3 | 24.2 | 30.4 | 82 | .. | 3.2 | .. | 13.5 | 0 | 8 | 18 | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 13 | 4 | 0 |
| | 0830 | 4 | 1009.6 | 1009.1 | -1.1 | 29.1 | 26.1 | 24.5 | 31.3 | 76 | + 3 | 3.6 | +0.0 | 12.5 | 0 | 5 | 23 | 11 | 2 | 1 | 0 | 0 | 0 | 1 | 13 | 2 | 0 |
| | 1130 | 4 | 1009.8 | 1009.4 | .. | 31.5 | 26.9 | 25.0 | 31.7 | 69 | .. | 2.9 | .. | 14.9 | 0 | 6 | 24 | 12 | 1 | 1 | 0 | 0 | 0 | 1 | 15 | 0 | 0 |
| | 1730 | 4 | 1006.7 | 1006.3 | .. | 31.0 | 26.9 | 25.3 | 32.2 | 73 | .. | 3.3 | .. | 14.9 | 0 | 8 | 21 | 09 | 0 | 0 | 0 | 0 | 0 | 2 | 18 | 1 | 0 |
| | 2330 | 4 | 1009.0 | 1008.6 | .. | 28.5 | 26.0 | 24.9 | 31.5 | 81 | .. | 2.7 | .. | 18.0 | 0 | 8 | 21 | 06 | 0 | 0 | 0 | 0 | 0 | 3 | 20 | 1 | 0 |
| Agatti | 0830 | 4 | 1009.4 | 1008.9 | .. | 28.8 | 24.9 | 23.1 | 28.3 | 71 | .. | 4.7 | .. | 8.6 | 0 | 1 | 29 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 |
| | 1730 | 4 | 1007.8 | 1007.3 | .. | 29.9 | 25.4 | 23.4 | 28.6 | 68 | .. | 4.3 | .. | 9.3 | 0 | 0 | 30 | 14 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 0 | 0 |
| Andrott | 0830 | 5 | 1010.0 | 1009.5 | .. | 28.9 | 25.9 | 24.4 | 30.5 | 75 | .. | 4.5 | .. | 7.8 | 0 | 0 | 27 | 14 | 3 | 0 | 0 | 0 | 0 | 0 | 6 | 3 | 4 |
| | 1730 | 5 | 1007.2 | 1006.6 | .. | 29.7 | 26.4 | 24.8 | 31.9 | 72 | .. | 3.7 | .. | 6.6 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 4 | 1 |
| Minicoy | 0530 | 2 | 1008.2 | 1008.0 | .. | 27.4 | 24.5 | 23.1 | 28.3 | 78 | .. | 3.3 | .. | 6.8 | 0 | 3 | 12 | 06 | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 15 | 0 |
| | 0830 | 2 | 1010.2 | 1010.0 | -0.5 | 29.4 | 25.4 | 23.6 | 29.1 | 71 | - 4 | 3.8 | -0.5 | 5.9 | 0 | 0 | 23 | 10 | 2 | 0 | 0 | 0 | 0 | 2 | 9 | 7 | 0 |
| | 1130 | 2 | 1010.5 | 1010.3 | .. | 31.2 | 26.0 | 23.7 | 29.3 | 65 | .. | 4.2 | .. | 8.3 | 0 | 0 | 29 | 13 | 3 | 1 | 0 | 1 | 0 | 2 | 9 | 1 | 0 |
| | 1430 | 2 | 1008.3 | 1008.1 | .. | 31.3 | 26.0 | 23.7 | 29.3 | 64 | .. | 4.3 | .. | 8.5 | 0 | 1 | 24 | 12 | 0 | 2 | 1 | 0 | 0 | 1 | 8 | 5 | 1 |
| | 1730 | 2 | 1007.6 | 1007.4 | -0.2 | 30.4 | 25.6 | 23.5 | 28.9 | 67 | - 7 | 5.0 | +0.4 | 8.4 | 0 | 0 | 30 | 10 | 0 | 2 | 0 | 0 | 0 | 2 | 15 | 0 | 1 |
| | 2030 | 2 | 1009.1 | 1008.9 | .. | 28.6 | 24.9 | 23.2 | 28.6 | 73 | .. | 3.2 | .. | 7.7 | 0 | 1 | 19 | 06 | 1 | 0 | 0 | 0 | 0 | 1 | 12 | 10 | 0 |
| | 2330 | 2 | 1010.0 | 1009.8 | .. | 27.8 | 24.7 | 23.2 | 28.6 | 76 | .. | 3.6 | .. | 7.8 | 0 | 3 | 15 | 03 | 0 | 0 | 0 | 0 | 0 | 1 | 14 | 12 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1430.2 | 798.9 | -0.7 | 14.4 | 9.9 | 5.5 | 9.0 | 60 | + 5 | 2.4 | +0.9 | 2.2 | 0 | 0 | 10 | 00 | 4 | 0 | 1 | 0 | 2 | 0 | 1 | 20 | 2 |
| | 1730 | 1959 | 1423.6 | 798.6 | -0.9 | 16.2 | 12.0 | 8.3 | 10.9 | 62 | + 8 | 2.4 | +0.1 | 1.1 | 0 | 0 | 7 | 01 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 2 |
| Dharmsala | 0830 | 1211 | 1528.6 | 882.1 | -0.6 | 21.7 | 13.1 | 4.9 | 8.7 | 35 | - 4 | 4.0 | +1.5 | 1.5 | 0 | 0 | 21 | 00 | 17 | 1 | 1 | 1 | 0 | 1 | 0 | 9 | 0 |
| | 1730 | 1211 | 1516.0 | 880.6 | -0.8 | 24.1 | 13.5 | 3.1 | 7.6 | 27 | - 5 | 4.9 | +1.4 | 2.4 | 0 | 0 | 29 | 01 | 2 | 4 | 4 | 1 | 13 | 4 | 0 | 1 | 0 |
| Bhuntar | 0830 | 1067 | 1500.8 | 891.9 | .. | 14.1 | 11.2 | 8.6 | 11.2 | 70 | .. | 3.3 | .. | 4.2 | 0 | 1 | 18 | 12 | 1 | 2 | 1 | 0 | 0 | 0 | 3 | 11 | 0 |
| | 1730 | 1067 | 1475.7 | 988.1 | .. | 22.8 | 13.9 | 6.1 | 9.4 | 37 | .. | 5.3 | .. | 9.5 | 0 | 2 | 24 | 04 | 0 | 0 | 1 | 7 | 2 | 3 | 9 | 4 | 0 |
| Simla | 0830 | 2202 | 1480.7 | 781.4 | -0.4 | 15.1 | 7.1 | - 3.0 | 4.1 | 30 | - 2 | 2.3 | -0.1 | 1.3 | 0 | 0 | 20 | 01 | 4 | 2 | 3 | 5 | 5 | 0 | 0 | 10 | 0 |
| | 1730 | 2202 | 1470.6 | 780.6 | +0.0 | 16.0 | 9.8 | 3.4 | 7.8 | 45 | + 8 | 3.1 | -0.6 | 0.8 | 0 | 0 | 12 | 00 | 1 | 0 | 0 | 0 | 11 | 0 | 0 | 18 | 0 |
| Lokpal | 0830 | | .. | .. | .. | - 4.9 | - 7.7 | -14.2 | 1.8 | 48 | -18 | 0.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | Functions only from May to October | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 810.4 | -0.8 | 15.4 | 8.4 | 0.6 | 6.4 | 38 | - 5 | 3.1 | +0.6 | 8.0 | 0 | 0 | 30 | 00 | 4 | 21 | 1 | 2 | 0 | 2 | 0 | 0 | 0 |
| | 1730 | | .. | 808.2 | -1.3 | 20.0 | 10.1 | - 0.4 | 5.9 | 27 | -11 | 6.4 | +0.4 | 7.2 | 0 | 0 | 30 | 00 | 2 | 13 | 6 | 4 | 1 | 3 | 1 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1475.3 | 795.7 | -1.9 | 16.9 | 9.0 | 0.5 | 6.3 | 34 | -10 | 2.4 | +0.2 | 3.1 | 0 | 1 | 17 | 04 | 2 | 0 | 2 | 5 | 2 | 0 | 3 | 12 | 0 |
| | 1730 | 2042 | 1462.3 | 795.0 | -1.5 | 18.7 | 9.6 | - 0.2 | 6.0 | 30 | -16 | 4.1 | +0.5 | 4.1 | 0 | 0 | 28 | 07 | 3 | 0 | 4 | 8 | 3 | 0 | 3 | 2 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3144.2 | 773.0 | +0.5 | 15.9 | 7.6 | - 2.6 | 4.9 | 29 | - 8 | 2.0 | +0.3 | 8.6 | 0 | 1 | 25 | 01 | 4 | 4 | 1 | 0 | 1 | 8 | 7 | 4 | 0 |
| | 1730 | 2311 | 3132.9 | 771.3 | +0.3 | 18.3 | 8.7 | - 2.3 | 5.1 | 25 | -14 | 2.4 | -0.5 | 21.7 | 0 | 17 | 13 | 00 | 0 | 1 | 0 | 0 | 7 | 14 | 8 | 0 | 0 |
| Nainital | 0830 | 1953 | 1479.2 | 804.8 | -0.1 | 19.4 | 14.0 | 9.9 | 12.2 | 55 | +19 | 2.2 | +0.3 | 4.8 | 0 | 0 | 23 | 01 | 9 | 6 | 3 | 0 | 0 | 0 | 4 | 7 | 0 |
| | 1730 | 1953 | 1458.9 | 802.8 | -0.6 | 19.2 | 14.1 | 10.6 | 12.8 | 58 | +21 | 1.9 | -0.1 | 8.1 | 0 | 0 | 30 | 06 | 0 | 5 | 3 | 1 | 0 | 15 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1485.5 | 877.9 | -0.7 | 20.0 | 16.4 | 14.0 | 16.0 | 69 | - 3 | 0.6 | -1.7 | 4.7 | 0 | 0 | 30 | 00 | 1 | 0 | 6 | 0 | 0 | 0 | 23 | 0 | 0 |
| | 1730 | 1209 | 1450.0 | 874.1 | -1.3 | 21.4 | 17.7 | 15.5 | 17.6 | 71 | - 1 | 1.0 | -2.5 | 5.2 | 0 | 0 | 30 | 00 | 0 | 0 | 27 | 0 | 0 | 0 | 3 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1502.3 | 790.5 | -0.8 | 16.6 | 12.2 | 8.9 | 11.4 | 62 | - 6 | 3.0 | -1.1 | 0.9 | 0 | 0 | 8 | 03 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 22 | 0 |
| | 1730 | 2128 | 1474.2 | 787.8 | -1.0 | 15.1 | 11.3 | 8.3 | 10.9 | 66 | - 5 | 5.4 | -0.1 | 6.3 | 0 | 1 | 21 | 02 | 0 | 0 | 0 | 0 | 15 | 4 | 0 | 8 | 1 |
| Kohima | 0830 | 1406 | 1575.7 | 867.0 | +4.0 | 20.1 | 16.3 | 13.8 | 15.8 | 67 | + 6 | 3.0 | -0.3 | 4.8 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 3 |
| | 1730 | 1406 | 1521.6 | 961.5 | +1.4 | 22.8 | 17.7 | 14.5 | 16.5 | 60 | - 1 | 5.5 | +2.1 | 4.4 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 4 |
| Shillong | 0830 | 1500 | 1509.4 | 851.2 | +1.4 | 22.5 | 20.2 | 19.1 | 22.1 | 81 | +30 | 4.7 | +1.4 | 3.2 | 0 | 1 | 6 | 00 | 0 | 0 | 0 | 0 | 3 | 2 | 2 | 23 | 0 |
| | 1730 | 1500 | 1465.6 | 846.9 | -0.1 | 22.4 | 19.8 | 18.4 | 21.1 | 79 | +17 | 6.1 | +1.6 | 1.1 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 25 | 0 |
| Cherrapunji | 0830 | 1313 | 1502.2 | 868.6 | -0.2 | 19.9 | 16.7 | 14.7 | 16.7 | 73 | - 2 | 3.8 | -1.0 | 3.7 | 0 | 0 | 30 | 00 | 8 | 0 | 1 | 0 | 21 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1480.4 | 866.6 | +0.5 | 20.3 | 17.2 | 15.3 | 17.4 | 74 | - 4 | 3.3 | -0.8 | 4.1 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 28 | 0 | 0 | 2 | 0 |
| Abu | 0830 | 1195 | 1511.3 | 881.7 | +0.2 | 23.8 | 14.1 | 5.8 | 9.2 | 33 | + 4 | 0.9 | -0.2 | 0.9 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 0 | 3 | 3 | 1 | 23 | 0 |
| | 1730 | 1195 | 1489.9 | 878.9 | -0.6 | 27.4 | 14.6 | 3.0 | 7.6 | 21 | - 3 | 0.9 | -0.7 | 2.9 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 1 | 11 | 3 | 1 | 14 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1514.0 | 893.6 | -0.6 | 26.9 | 14.7 | 2.8 | 7.9 | 22 | - 7 | 2.8 | +0.4 | 3.2 | 0 | 0 | 25 | 02 | 1 | 2 | 2 | 3 | 3 | 3 | 9 | 5 | 0 |
| | 1730 | 1075 | 1489.9 | 890.4 | -0.4 | 32.1 | 16.2 | 1.3 | 6.8 | 15 | - 7 | 4.1 | +0.6 | 3.3 | 0 | 0 | 28 | 01 | 3 | 0 | 1 | 0 | 2 | 4 | 17 | 2 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1509.0 | 862.7 | -0.9 | 22.8 | 13.1 | 3.1 | 8.1 | 30 | - 9 | 1.0 | -0.9 | 10.5 | 0 | 0 | 30 | 00 | 26 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 0 |
| | 1730 | 1382 | 1495.4 | 861.2 | -0.2 | 27.8 | 18.6 | 12.5 | 14.7 | 41 | -14 | 1.0 | -1.3 | 10.2 | 0 | 0 | 30 | 01 | 5 | 0 | 0 | 0 | 2 | 0 | 22 | 0 | 0 |
| Mercara | 0830 | 1152 | 1506.8 | 885.7 | -0.4 | 21.5 | 17.9 | 15.5 | 17.8 | 71 | -11 | 2.4 | -0.9 | 8.9 | 0 | 0 | 30 | 05 | 11 | 12 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 1152 | 1486.0 | 883.1 | -0.3 | 25.9 | 21.1 | 18.6 | 21.6 | 45 | - 6 | 4.3 | -0.1 | 7.1 | 0 | 0 | 29 | 00 | 5 | 4 | 0 | 1 | 2 | 11 | 6 | 1 | 0 |
| Ootacamund | 0830 | 2249 | 1514.7 | 780.8 | +0.3 | 15.8 | 12.1 | 9.2 | 11.7 | 66 | - 5 | 2.2 | -0.7 | 0.8 | 0 | 0 | 7 | 01 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 2249 | 1478.1 | 778.1 | -0.7 | 18.6 | 15.1 | 12.7 | 14.9 | 69 | + 1 | 4.3 | -1.0 | 1.3 | 0 | 0 | 16 | 00 | 4 | 12 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 21.3 | 16.0 | 12.4 | 14.7 | 59 | - 6 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HILL STATIONS (EXCLUDING KASHMIR) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kodaikanal | 0830 | 2343 | 3163.0 | 771.8 | -0.5 | 16.2 | 12.2 | 8.8 | 11.6 | 65 | + 2 | 3.9 | +0.5 | 11.3 | 0 | 3 | 26 | 09 | 7 | 4 | 3 | 0 | 0 | 0 | 6 | 1 | 0 |
| | 1130 | 2343 | 3176.3 | 772.1 | .. | 19.3 | 14.3 | 10.7 | 13.0 | 59 | .. | 5.4 | .. | 11.9 | 0 | 2 | 27 | 07 | 7 | 4 | 6 | 0 | 0 | 0 | 5 | 1 | 0 |
| | 1730 | 2343 | 3145.5 | 770.2 | -0.4 | 16.1 | 13.8 | 12.1 | 14.3 | 78 | + 0 | 6.6 | +1.0 | 8.4 | 0 | 0 | 26 | 06 | 2 | 5 | 5 | 0 | 0 | 0 | 7 | 4 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1491.9 | 867.1 | -1.4 | 16.6 | 12.6 | 9.2 | 11.7 | 62 | + 0 | 1.2 | -1.2 | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 28 | 1 |
| | 1130 | 1324 | 1484.0 | 865.7 | .. | 27.7 | 15.8 | 5.8 | 9.4 | 26 | .. | 1.6 | .. | 2.4 | 0 | 0 | 7 | 01 | 1 | 2 | 2 | 0 | 3 | 3 | 5 | 13 | 0 |
| | 1730 | 1324 | 1461.0 | 863.6 | -1.8 | 24.5 | 14.9 | 4.7 | 9.9 | 33 | -16 | 2.6 | -1.6 | 3.5 | 0 | 0 | 17 | 04 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 13 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 10.9 | 6.3 | 1.1 | 6.6 | 51 | -20 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 31.9 | 20.5 | 12.7 | 14.7 | 32 | .. | 0.9 | .. | 4.4 | 0 | 0 | 30 | 00 | 1 | [illegible] | 1 | 2 | 6 | 16 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 35.2 | 21.2 | 11.7 | 13.7 | 26 | .. | 2.2 | .. | 9.7 | 0 | 0 | 29 | 03 | 0 | 1 | 0 | 2 | 3 | 15 | 8 | 1 | 0 |
| Hazaribagh | 0830 | 6154 | 1006.0 | 939.6 | .. | 30.6 | 21.2 | 15.8 | 18.3 | 43 | .. | 1.1 | .. | 5.5 | 0 | 0 | 27 | 02 | [illegible] | 0 | 1 | 2 | 3 | 8 | 11 | 3 | 0 |
| | 1730 | 6154 | 1001.5 | 935.9 | .. | 32.9 | 21.9 | 15.9 | 18.5 | 37 | .. | 2.8 | .. | 4.8 | 0 | 0 | 25 | 01 | 1 | 0 | 0 | 0 | 1 | 6 | 16 | 5 | 1 |
| Konar | 0830 | | .. | .. | .. | 31.1 | 21.7 | 15.7 | 17.8 | 41 | .. | 0.1 | .. | 3.4 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 0 | 0 | 17 | 12 | 0 | 0 |
| | 1730 | | .. | .. | .. | 32.2 | 20.8 | 13.2 | 15.2 | 32 | .. | 0.6 | .. | 3.1 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 19 | 11 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1006.6 | 979.7 | .. | 30.9 | 20.9 | 14.6 | 16.6 | 36 | .. | 0.7 | .. | 2.9 | 0 | 0 | 18 | 01 | 0 | 1 | 0 | 2 | 7 | 5 | 1 | 12 | 0 |
| | 1730 | 2420 | 1000.7 | 974.5 | .. | 35.8 | 21.7 | 12.4 | 14.4 | 25 | .. | 1.9 | .. | 5.3 | 0 | 0 | 25 | 02 | 0 | 0 | 0 | 0 | 8 | 9 | 6 | 5 | 0 |
| Maithon | 0830 | | .. | .. | .. | 34.5 | 21.0 | 10.8 | 12.0 | 27 | .. | 1.9 | .. | .. | 0E | 0 | 30 | 01 | 5 | 1 | 6 | 1 | 11 | 2 | 4 | 0 | 0 |
| | 1730 | | .. | .. | .. | 37.3 | 21.0 | 8.5 | 11.6 | 19 | .. | 3.4 | .. | .. | 0E | 0 | 30 | 01 | 7 | 0 | 3 | 1 | 11 | 2 | 5 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 32.8 | 19.7 | 9.9 | 12.2 | 26 | .. | 1.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 36.7 | 20.7 | [illegible] | 10.9 | 29 | .. | 2.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 31.3 | 21.9 | 15.6 | 18.1 | 42 | .. | 2.2 | .. | 3.1 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 7 | 0 | 10 | 13 | 0 |
| | 1730 | | .. | .. | .. | 37.2 | 21.2 | 9.1 | 12.1 | 20 | .. | 0.6 | .. | 1.8 | 0 | 0 | 11 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 10 | 14 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 30.7 | 23.8 | 20.2 | 23.8 | 55 | .. | 0.7 | .. | 8.1 | 0 | 1 | 29 | 00 | 0 | 0 | 1 | 7 | 9 | 5 | 7 | 1 | 0 |
| | 1730 | | .. | .. | .. | 36.3 | 22.9 | 14.2 | 16.9 | 30 | .. | 3.1 | .. | 7.5 | 0 | 2 | 23 | 00 | 1 | 0 | 1 | 5 | 9 | 4 | 5 | 5 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 30.2 | 19.2 | 17.2 | 19.2 | 35 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1007.7 | 990.1 | .. | 31.5 | 22.7 | 17.6 | 20.7 | 44 | .. | 1.3 | .. | 3.7 | 0 | 0 | 21 | 01 | 0 | 2 | 3 | 2 | 7 | 5 | 1 | 9 | 0 |
| | 1130 | 159 | 1006.7 | 989.3 | .. | 35.9 | 23.7 | 17.0 | 18.[illegible] | 33 | .. | 1.4 | .. | 3.6 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 9 | 13 | 6 | 1 | 0 |
| | 1730 | 159 | 1002.1 | 984.9 | .. | 36.8 | 23.3 | 15.6 | 17.[illegible] | 28 | .. | 2.9 | .. | 3.3 | 0 | 0 | 20 | 01 | 0 | 1 | 1 | 7 | 4 | 2 | 4 | 10 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 29.8 | 22.5 | 18.5 | 21.3 | 52 | .. | 2.2 | .. | 0.6 | 0 | 0 | 7 | 00 | 1 | 0 | 2 | 0 | 3 | 0 | 1 | 23 | 0 |
| | 1730 | | .. | .. | .. | 33.7 | 21.7 | 14.1 | 16.2 | 32 | .. | 2.9 | .. | 1.5 | 0 | 0 | 16 | 00 | 1 | 0 | 7 | 1 | 5 | 1 | 1 | 14 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 32.2 | 25.0 | 21.6 | 25.4 | 55 | .. | . | .. | 5.3 | 0 | 5 | 22 | 02 | 0 | 9 | 0 | 7 | 0 | 9 | 0 | 3 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 30.6 | 20.6 | 14.0 | 16.1 | 38 | .. | . | .. | 8.1 | 0 | 0 | 28 | 00 | 1 | 2 | 6 | 6 | 10 | 2 | 1 | 2 | 0 |
| | 1730 | | .. | .. | .. | 35.8 | 20.9 | 8.7 | 13.5 | 22 | .. | . | .. | 11.4 | 0 | 3 | 27 | 02 | 1 | 1 | 5 | 5 | 7 | 1 | 8 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 30.4 | 16.8 | 3.3 | 8.3 | 19 | .. | 1.9 | .. | 14.9 | 0 | 5 | 25 | 02 | 7 | 2 | 0 | 6 | 7 | 4 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 37.9 | 19.1 | -1.3 | 6.4 | 11 | .. | 2.4 | .. | 14.1 | 0 | 5 | 25 | 08 | 2 | 0 | 0 | 0 | 5 | 7 | 8 | 0 | 0 |
| Punasa | 0830 | | .. | .. | .. | 30.9 | .. | .. | .. | .. | .. | 1.1 | .. | 13.7 | 0 | 0 | 30 | 03 | 5 | 2 | 2 | 3 | 9 | 5 | 1 | 0 | 0 |
| | 1730 | | .. | .. | .. | 36.0 | .. | .. | .. | .. | .. | 0.6 | .. | 13.6 | 0 | 1 | 29 | 04 | 7 | 6 | 3 | 3 | 5 | 5 | 0 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 29.7 | 18.7 | 9.5 | 12.6 | 31 | .. | 1.2 | .. | .. | . | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 25.6 | 17.8 | 12.0 | 14.0 | 43 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 37.7 | 21.6 | 10.5 | 12.7 | 20 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | 2800 | .. | .. | .. | 13.7 | 8.8 | 4.5 | 8.7 | 55 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 2800 | .. | .. | .. | 13.6 | 9.3 | 5.8 | 9.5 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | 823 | .. | .. | .. | 22.6 | 17.7 | 14.5 | 16.6 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 823 | .. | .. | .. | 27.0 | 20.0 | 15.6 | 18.6 | 53 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | 1676 | .. | .. | .. | 18.2 | 10.5 | 1.7 | 8.0 | 46 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1676 | .. | .. | .. | 21.8 | 13.2 | 3.4 | 10.1 | 38 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | 918 | .. | .. | .. | 23.8 | 15.8 | 9.5 | 12.1 | 49 | .. | 0.9 | .. | 2.3 | 0 | 0 | 20 | 03 | 0 | 0 | 7 | 1 | 2 | 0 | 7 | 10 | 0 |
| | 1130 | 918 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 918 | .. | .. | .. | 27.2 | 17.0 | 9.3 | 12.1 | 38 | .. | 2.7 | .. | 3.0 | 0 | 0 | 20 | 01 | 2 | 2 | 8 | 2 | 1 | 0 | 4 | 10 | 0 |
| Gorkha | 0830 | 1135 | .. | .. | .. | 23.7 | 14.4 | 5.9 | 9.7 | 44 | .. | 0.1 | .. | .. | . | .. | .. | 00 | 0 | 1 | 5 | 0 | 16 | 0 | 1 | 7 | 0 |
| | 1130 | 1135 | .. | .. | .. | 27.7 | 16.1 | 6.5 | 10.9 | 27 | .. | 0.5 | .. | .. | . | .. | .. | 00 | 0 | 0 | 2 | 0 | 26 | 0 | 0 | 2 | 0 |
| | 1730 | 1135 | .. | .. | .. | 25.8 | 14.5 | 3.8 | 8.5 | 26 | .. | 2.3 | .. | .. | . | .. | .. | 00 | 0 | 1 | 4 | 1 | 20 | 0 | 1 | 3 | 0 |
| Nawakot | 0830 | 970 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 970 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - APRIL 1966 (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | 1304 | .. | .. | .. | 21.6 | 11.9 | 1.6 | 7.0 | 28 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1304 | .. | .. | .. | 25.2 | 13.6 | 1.6 | 7.2 | 23 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | 1837 | .. | .. | .. | 18.8 | 9.8 | 2.7[c] | 6.3[c] | 30[c] | .. | 1.5 | .. | 5.4 | 0 | 0 | 23 | 01 | 2 | 8 | 9 | 2 | 0 | 1 | 0 | 7 | [illegible] |
| | 1130[e] | 1837 | .. | .. | .. | 22.4 | 11.2 | - 0.3 | 6.1 | 23 | .. | 2.2 | .. | 6.8 | 0 | 0 | 26 | 12 | 1 | 0 | 3 | 2 | 1 | 0 | 7 | 0 | [illegible] |
| | 1730 | 1837 | .. | .. | .. | 21.3 | 10.5 | - 0.9 | 5.8 | 23 | .. | 2.5 | .. | 7.7 | 0 | 0 | 29 | 03 | 1 | 3 | 1 | 11 | 9 | 0 | 1 | [illegible] | [illegible] |
| Sallyana | 0830 | 1457 | .. | .. | .. | 24.7 | 14.4 | 4.9 | 8.9 | 28 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1457 | .. | .. | .. | 24.7 | 13.9 | 3.8 | 8.3 | 26 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | 263 | .. | .. | .. | 30.1 | 17.6 | 6.5 | 10.0 | 24 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 263 | .. | .. | .. | 35.8 | 19.2 | 4.2 | 8.9 | 15 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 1324 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1324 | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | 1676 | .. | .. | .. | 18.9 | 14.2 | 10.7 | 13.2 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1676 | .. | .. | .. | 23.1 | 14.6 | 7.9 | 11.3 | 41 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830 | 3048 | .. | .. | .. | 9.2 | 4.2 | - 2.0 | 5.4 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730[b] | 3048 | .. | .. | .. | 8.2 | 5.0 | 1.5 | 7.0 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | 1372 | .. | .. | .. | 20.8 | 14.5 | 9.6 | 12.0 | 49 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1372 | .. | .. | .. | 22.1 | 14.1 | 7.0 | 10.3 | 39 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | 1524 | .. | .. | .. | 20.9 | 13.3 | 7.1 | 10.6 | 43 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 20.7 | 13.2 | 6.9 | 10.6 | 44 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | 1768 | .. | .. | .. | 18.6 | 12.5 | 7.4 | 10.6 | 50 | .. | 2.2[m] | .. | .. | . | .. | .. | 03 | 1 | 1 | 0 | 1 | 0 | 2 | 0 | 22 | [illegible] |
| | 1130 | 1768 | .. | .. | .. | 22.0 | 13.7 | 7.0 | 10.5 | 40 | .. | 3.3[m] | .. | .. | . | .. | .. | 03 | 0 | 5 | 1 | 6 | 7 | 4 | 1 | 3 | [illegible] |
| | 1730 | 1768 | .. | .. | .. | 19.1 | 13.0 | 7.9 | 11.2 | 52 | .. | 6.1[m] | .. | .. | . | .. | .. | 01 | 2 | 3 | 8 | 2 | 0 | 1 | 0 | 3 | [illegible] |
| Okhaldhunga | 0830 | 2103 | .. | .. | .. | 19.8 | 12.1 | 5.3 | 9.3 | 41 | .. | 0.5 | .. | 0.9 | 0 | 0 | 6 | 01 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 24 | [illegible] |
| | 1130 | 2103 | .. | .. | .. | 22.9 | 12.0 | 1.1 | 7.0 | 25 | .. | 0.3 | .. | 4.4 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 1 | 1 | 17 | 1 | 10 | [illegible] |
| | 1730 | 2103 | .. | .. | .. | 20.1 | 11.6 | 3.3 | 8.3 | 37 | .. | 1.6 | .. | 8.0 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 3 | 2 | 17 | 2 | 6 | [illegible] |
| Chainpur | 0830 | 1329 | .. | .. | .. | 21.8 | 14.9 | 9.3 | 12.0 | 46 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1329 | .. | .. | .. | 23.7 | 16.0 | 9.9 | 12.7 | 43 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | 1219 | .. | .. | .. | 21.9 | 15.1 | 9.3 | 12.3 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1219 | .. | .. | .. | 24.2[k] | 14.7[m] | 7.4[m] | 10.9[m] | 33[m] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1007.6 | 991.2 | .. | 28.1 | 18.9 | 11.3 | 14.3 | 37 | .. | 0.9 | .. | 2.5 | 0 | 0 | 26 | 00 | 2 | 1 | 2 | 4 | 8 | 2 | 7 | 4 | [illegible] |
| | 1130 | 146 | 1005.7 | 989.9 | .. | 33.1 | 21.5 | 13.6 | 16.5 | 33 | .. | 1.0 | .. | 4.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 19 | 8 | 3 | 0 | [illegible] |
| | 1730 | 146 | 1001.7 | 985.7 | .. | 26.2 | 20.2 | 10.1 | 13.7 | 29 | .. | 2.5 | .. | 2.5 | 0 | 0 | 18 | 00 | 1 | 2 | 2 | 2 | 5 | 4 | 2 | 12 | [illegible] |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1488.8 | 818.4 | .. | 16.9 | 12.8 | 9.6 | 12.3 | 64 | .. | 2.4 | .. | 0.9 | 0 | 0 | 4 | 01 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | [illegible] |
| | 1130 | 1812 | 1476.5 | 818.0 | .. | 21.1 | 14.9 | 10.4 | 13.0 | 53 | .. | 3.3 | .. | 4.5 | 0 | 0 | 24 | 00 | 0 | 1 | 1 | 12 | 9 | 0 | 1 | 6 | [illegible] |
| | 1730 | 1812 | 1454.9 | 815.7 | .. | 17.9 | 14.0 | 11.3 | 13.7 | 67 | .. | 6.2 | .. | 7.0 | 0 | 2 | 19 | 01 | 4 | 1 | 1 | 11 | 2 | 1 | 0 | 9 | [illegible] |
| Gezing | 0830 | 1524 | .. | .. | .. | 18.9 | 14.6 | 11.5 | 14.1 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 19.2 | 14.9 | 11.9 | 14.3 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 54 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 13 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. above mean sea level under Table V.

In Tables IV and V :-

n = represents the number of observations;

V = represents the mean wind speed in metres per second irrespective of direction;

v = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Mean and resultant winds are given in this publication for the following heights :-

Surface, 0.15 Km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 Km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 Km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 Mb. respectively.

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| S.No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of Opening | Approximate times of flight (I.S.T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | 1130 | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 279 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | 1130 | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | 1130 | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | 1130 | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jan. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | 1130 | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 38. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 39. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 40. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530* | 1130 | 1730* | 2330 |
| 41. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 42. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 43. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 44. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 45. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 46. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 47. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 48. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 49. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 50. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 51. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 52. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 53. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 54. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radiowind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | | | | | AHMADABAD | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.9 | 01.7 | 160 | 30 | 02.7 | 02.4 | 189 | 30 | 03.5 | 02.8 | 183 | 30 | 03.0 | 02.7 | 169 | 30 | 02.8 | 02.4 | 303 | 30 | 02.2 | 01.4 | 301 |
| .15 A.G.L. | 29 | 05.9 | 05.2 | 168 | 30 | 05.0 | 04.5 | 193 | 29 | 07.8 | 06.3 | 185 | 30 | 08.3 | 07.3 | 176 | 29 | 09.9 | 09.0 | 306 | 30 | 03.3 | 02.5 | 301 |
| .3A.M.S.L. | 29 | 07.6 | 06.6 | 192 | 30 | 05.2 | 04.9 | 193 | 29 | 08.1 | 06.8 | 189 | 30 | 09.3 | 08.3 | 187 | 29 | 10.3 | 09.3 | 307 | 30 | 03.7 | 02.7 | 302 |
| .6 ,, | 29 | 08.6 | 07.6 | 211 | 30 | 05.4 | 05.1 | 196 | 29 | 08.7 | 07.4 | 193 | 29 | 09.7 | 08.8 | 201 | 29 | 10.3 | 08.7 | 307 | 30 | 03.7 | 02.4 | 302 |
| .9 ,, | 29 | 09.0 | 07.7 | 233 | 30 | 06.6 | 06.1 | 204 | 29 | 08.2 | 07.1 | 205 | 29 | 09.1 | 08.3 | 216 | 29 | 08.0 | 06.3 | 295 | 30 | 04.0 | 02.6 | 299 |
| 1.5 ,, | 26 | 08.6 | 07.7 | 254 | 29 | 07.8 | 06.9 | 223 | 26 | 07.6 | 07.1 | 239 | 28 | 08.0 | 07.2 | 247 | 29 | 06.7 | 04.9 | 259 | 30 | 04.8 | 03.3 | 258 |
| 2.1 ,, | 26 | 08.9 | 08.5 | 267 | 18 | 09.2 | 08.4 | 238 | 25 | 09.6 | 09.3 | 270 | 23 | 08.2 | 07.6 | 276 | 29 | 07.4 | 05.2 | 240 | 30 | 07.2 | 05.8 | 240 |
| 3.0 ,, | 21 | 11.3 | 10.9 | 279 | 05 | 09.0 | 08.5 | 266 | 20 | 12.7 | 12.4 | 294 | 18 | 12.4 | 11.7 | 302 | 29 | 10.7 | 08.4 | 227 | 30 | 10.0 | 08.8 | 240 |
| 3.6 ,, | 19 | 13.2 | 12.6 | 285 | | | | | 17 | 13.5 | 13.0 | 295 | 05 | 13.6 | 11.4 | 286 | 29 | 12.4 | 11.5 | 227 | 30 | 10.9 | 10.2 | 236 |
| 4.5 ,, | 16 | 15.4 | 14.4 | 282 | | | | | 14 | 12.9 | 12.1 | 285 | 03 | 20.0 | 19.9 | 288 | 29 | 13.4 | 12.2 | 234 | 30 | 10.8 | 10.0 | 242 |
| 5.4 ,, | 08 | 17.9 | 16.3 | 295 | | | | | 11 | 14.4 | 13.6 | 282 | | | | | 29 | 12.9 | 12.2 | 243 | 30 | 12.8 | 11.9 | 251 |
| 6.0 ,, | 07 | 19.3 | 15.6 | 297 | | | | | 09 | 13.1 | 12.4 | 284 | | | | | 29 | 16.1 | 15.2 | 247 | 30 | 14.9 | 14.1 | 257 |
| 7.2 ,, | 03 | 20.7 | 19.7 | 267 | | | | | 07 | 17.9 | 17.6 | 277 | | | | | 28 | 21.9 | 21.0 | 252 | 26 | 19.0 | 17.9 | 264 |
| 9.0 ,, | | | | | | | | | 04 | 20.5 | 19.5 | 256 | | | | | 26 | 29.1 | 27.8 | 280 | 13 | 26.2 | 25.1 | 253 |

| STATION | AHMADABAD | | | | | | | | ALLAHABAD/RAMNIRAULI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 02.3 | 268 | 30 | 02.5 | 01.8 | 249 | 30 | 00.1 | 00.1 | 285 | 30 | 01.1 | 00.9 | 283 | 30 | 01.2 | 01.1 | 278 | 30 | 00.3 | 00.2 | 286 |
| .15 A.G.L. | 30 | 06.0 | 04.8 | 266 | 30 | 08.1 | 05.9 | 267 | 30 | 05.4 | 03.5 | 310 | 30 | 04.0 | 02.5 | 290 | 30 | 05.9 | 04.9 | 292 | 30 | 09.4 | 06.4 | 351 |
| .3A.M.S.L. | 30 | 06.0 | 04.8 | 265 | 30 | 08.2 | 06.2 | 268 | 30 | 05.4 | 03.5 | 310 | 30 | 04.2 | 02.8 | 291 | 30 | 05.9 | 04.9 | 292 | 30 | 09.6 | 07.3 | 343 |
| .6 ,, | 30 | 06.0 | 04.6 | 268 | 30 | 07.7 | 05.9 | 278 | 30 | 06.4 | 04.8 | 320 | 30 | 04.2 | 03.2 | 294 | 30 | 06.3 | 05.8 | 294 | 30 | 09.7 | 07.7 | 325 |
| .9 ,, | 30 | 06.0 | 04.8 | 269 | 30 | 06.5 | 05.1 | 284 | 30 | 06.6 | 05.5 | 310 | 30 | 04.6 | 03.6 | 292 | 30 | 06.0 | 05.4 | 293 | 30 | 09.2 | 07.2 | 318 |
| 1.5 ,, | 30 | 06.6 | 05.4 | 268 | 30 | 05.2 | 04.0 | 284 | 30 | 06.6 | 05.5 | 290 | 30 | 06.0 | 05.2 | 284 | 30 | 06.5 | 05.4 | 271 | 30 | 08.4 | 07.6 | 294 |
| 2.1 ,, | 30 | 06.6 | 05.8 | 271 | 30 | 05.4 | 03.6 | 265 | 30 | 08.0 | 07.0 | 270 | 30 | 07.3 | 06.9 | 278 | 30 | 07.3 | 06.9 | 277 | 28 | 09.1 | 07.6 | 280 |
| 3.0 ,, | 30 | 09.0 | 07.7 | 250 | 29 | 08.3 | 06.1 | 253 | 30 | 11.4 | 10.9 | 270 | 30 | 10.7 | 09.6 | 273 | 30 | 08.8 | 08.4 | 270 | 19 | 09.6 | 09.2 | 268 |
| 3.6 ,, | 30 | 11.7 | 10.5 | 240 | 05 | 05.0 | 01.6 | 240 | 29 | 13.7 | 12.0 | 265 | 30 | 12.1 | 11.4 | 271 | 30 | 10.9 | 10.1 | 264 | 09 | 10.4 | 09.8 | 265 |
| 4.5 ,, | 30 | 11.9 | 10.6 | 241 | 01 | 05.0 | 05.0 | 350 | 29 | 13.4 | 12.4 | 265 | 30 | 13.9 | 12.2 | 269 | 30 | 13.6 | 13.3 | 266 | 01 | 14.0 | 14.0 | 255 |
| 5.4 ,, | 30 | 14.1 | 11.9 | 249 | | | | | 29 | 14.5 | 13.6 | 270 | 27 | 14.5 | 13.6 | 271 | 30 | 14.9 | 14.1 | 266 | | | | |
| 6.0 ,, | 30 | 14.3 | 12.6 | 252 | | | | | 28 | 15.0 | 14.1 | 270 | 25 | 15.4 | 14.4 | 271 | 30 | 14.3 | 13.4 | 270 | | | | |
| 7.2 ,, | 29 | 19.6 | 18.6 | 260 | | | | | 28 | 18.4 | 17.8 | 267 | 19 | 19.8 | 18.4 | 270 | 30 | 18.7 | 17.6 | 267 | | | | |
| 9.0 ,, | 27 | 29.1 | 28.1 | 260 | | | | | 27 | 23.9 | 22.8 | 265 | 03 | 31.3 | 31.3 | 274 | 27 | 24.3 | 22.4 | 270 | | | | |

| STATION | AMBALA | | | | | | | | | | | | | | | | AMINI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.6 | 319 | 30 | 01.7 | 01.4 | 323 | 30 | 02.9 | 02.2 | 302 | 30 | 02.5 | 02.1 | 319 | 30 | 03.6 | 03.3 | 333 | 30 | 03.4 | 03.1 | 329 |
| .15 A.G.L. | 30 | 08.4 | 06.2 | 328 | 29 | 04.7 | 03.4 | 330 | 30 | 06.1 | 04.7 | 285 | 30 | 09.3 | 08.4 | 337 | 30 | 04.4 | 04.2 | 336 | 30 | 04.1 | 03.7 | 329 |
| .3A.M.S.L. | 30 | 04.2 | 03.2 | 333 | 29 | 02.9 | 02.1 | 332 | 30 | 03.9 | 03.4 | 286 | 30 | 04.8 | 03.8 | 335 | 30 | 04.7 | 04.6 | 331 | 30 | 04.3 | 03.9 | 328 |
| .6 ,, | 30 | 08.4 | 06.6 | 331 | 29 | 05.4 | 04.1 | 330 | 30 | 06.6 | 05.3 | 285 | 30 | 08.5 | 07.8 | 337 | 30 | 04.3 | 03.7 | 333 | 30 | 04.2 | 03.7 | 330 |
| .9 ,, | 30 | 07.5 | 05.3 | 320 | 29 | 05.8 | 04.0 | 311 | 30 | 06.5 | 05.1 | 284 | 30 | 07.4 | 07.1 | 332 | 30 | 03.8 | 03.1 | 335 | 29 | 04.0 | 03.0 | 331 |
| 1.5 ,, | 30 | 06.6 | 03.5 | 298 | 29 | 05.7 | 03.6 | 298 | 30 | 06.1 | 04.5 | 299 | 30 | 06.6 | 04.7 | 320 | 25 | 03.4 | 01.6 | 018 | 26 | 04.2 | 03.0 | 353 |
| 2.1 ,, | 30 | 06.7 | 04.0 | 288 | 29 | 05.8 | 02.6 | 284 | 29 | 05.8 | 04.0 | 294 | 28 | 05.9 | 03.4 | 285 | 19 | 04.5 | 03.2 | 085 | 23 | 04.6 | 02.8 | 047 |
| 3.0 ,, | 27 | 07.3 | 04.2 | 280 | 29 | 06.5 | 03.2 | 274 | 26 | 06.3 | 03.3 | 297 | 24 | 06.3 | 03.0 | 270 | 10 | 06.1 | 05.3 | 085 | 18 | 07.9 | 07.4 | 084 |
| 3.6 ,, | 25 | 08.1 | 05.5 | 278 | 29 | 07.7 | 03.9 | 257 | 24 | 07.7 | 03.9 | 267 | 09 | 05.4 | 03.1 | 242 | 09 | 05.4 | 04.7 | 086 | 15 | 06.8 | 05.7 | 093 |
| 4.5 ,, | 22 | 09.0 | 07.3 | 273 | 28 | 08.9 | 05.4 | 260 | 23 | 08.3 | 05.3 | 269 | 04 | 06.3 | 03.4 | 272 | 04 | 02.5 | 01.3 | 059 | 11 | 05.3 | 03.5 | 087 |
| 5.4 ,, | 19 | 11.3 | 09.7 | 267 | 25 | 10.5 | 08.2 | 265 | 18 | 11.8 | 09.6 | 273 | | | | | 03 | 05.3 | 01.3 | 232 | 08 | 05.0 | 04.4 | 085 |
| 6.0 ,, | 18 | 13.2 | 11.5 | 268 | 23 | 12.1 | 09.3 | 274 | 16 | 12.8 | 11.1 | 271 | | | | | 03 | 04.7 | 03.0 | 330 | 07 | 05.6 | 04.9 | 081 |
| 7.2 ,, | 12 | 17.0 | 14.6 | 267 | 09 | 18.6 | 13.9 | 279 | 08 | 15.3 | 14.0 | 274 | | | | | | | | | 06 | 04.2 | 02.9 | 069 |
| 9.0 ,, | 01 | 15.0 | 15.0 | 270 | 03 | 25.0 | 19.8 | 298 | 02 | 23.0 | 21.5 | 256 | | | | | | | | | 05 | 07.2 | 05.4 | 274 |

| STATION | AMINI | | | | ANANTAPUR | | | | | | | | | | | | ARAMBOL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.8 | 04.3 | 318 | 30 | 01.5 | 00.7 | 222 | 30 | 02.5 | 02.1 | 072 | 30 | 03.9 | 03.4 | 098 | 30 | 01.0 | 00.7 | 239 | 30 | 01.9 | 00.9 | 277 |
| .15 A.G.L. | 30 | 04.6 | 04.2 | 315 | 30 | 06.0 | 03.0 | 228 | 30 | 04.9 | 04.2 | 078 | 30 | 08.8 | 07.6 | 105 | 30 | 05.6 | 04.1 | 246 | 30 | 04.4 | 03.2 | 276 |
| .3A.M.S.L. | 30 | 04.7 | 04.4 | 313 | | | | | | | | | | | | | 30 | 05.8 | 04.2 | 251 | 30 | 04.4 | 03.4 | 285 |
| .6 ,, | 30 | 04.7 | 04.0 | 313 | 30 | 05.9 | 03.5 | 236 | 30 | 04.7 | 03.7 | 082 | 30 | 08.8 | 08.0 | 107 | 30 | 07.2 | 04.7 | 270 | 30 | 04.5 | 03.6 | 285 |
| .9 ,, | 30 | 04.5 | 03.4 | 318 | 30 | 05.8 | 02.7 | 219 | 30 | 04.5 | 03.5 | 080 | 30 | 08.8 | 08.1 | 111 | 29 | 06.5 | 04.7 | 294 | 30 | 04.5 | 03.5 | 294 |
| 1.5 ,, | 28 | 03.9 | 02.5 | 005 | 30 | 04.7 | 02.3 | 157 | 30 | 04.4 | 03.3 | 082 | 30 | 08.4 | 05.6 | 113 | 29 | 06.3 | 05.6 | 305 | 30 | 05.5 | 04.6 | 291 |
| 2.1 ,, | 24 | 05.0 | 03.8 | 061 | 30 | 04.8 | 03.2 | 097 | 28 | 04.5 | 03.1 | 084 | 30 | 04.9 | 03.2 | 106 | 29 | 07.7 | 07.0 | 302 | 22 | 06.1 | 05.2 | 288 |
| 3.0 ,, | 18 | 07.5 | 07.1 | 094 | 28 | 06.2 | 05.5 | 073 | 28 | 05.7 | 04.4 | 080 | 27 | 04.2 | 02.1 | 070 | 27 | 09.2 | 08.8 | 289 | 14 | 07.1 | 06.4 | 274 |
| 3.6 ,, | 15 | 07.4 | 06.6 | 094 | 27 | 06.5 | 05.9 | 094 | 23 | 05.2 | 03.8 | 082 | 21 | 05.4 | 03.3 | 054 | 25 | 10.8 | 10.6 | 289 | | | | |
| 4.5 ,, | 09 | 04.7 | 03.5 | 100 | 26 | 05.9 | 04.3 | 041 | 16 | 04.7 | 00.9 | 082 | 06 | 03.0 | 02.3 | 013 | 16 | 11.6 | 11.2 | 289 | | | | |
| 5.4 ,, | 02 | 04.0 | 02.7 | 085 | 25 | 05.2 | 01.4 | 328 | 09 | 04.7 | 01.8 | 270 | 01 | 01.0 | 01.0 | 155 | 08 | 10.4 | 09.7 | 286 | | | | |
| 6.0 ,, | 01 | 07.0 | 07.0 | 100 | 24 | 05.2 | 02.2 | 277 | 08 | 05.4 | 03.7 | 267 | | | | | 05 | 10.0 | 08.6 | 294 | | | | |
| 7.2 ,, | | | | | 21 | 06.9 | 05.0 | 286 | 06 | 07.3 | 02.9 | 260 | | | | | 05 | 11.2 | 09.3 | 274 | | | | |
| 9.0 ,, | | | | | 19 | 11.3 | 08.7 | 288 | 03 | 08.3 | 07.1 | 271 | | | | | 03 | 11.7 | 11.6 | 271 | | | | |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | ASANSOL | | | | | | | | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.5 | 00.5 | 315 | 30 | 02.0 | 01.5 | 203 | 30 | 02.4 | 02.2 | 288 | 30 | 03.2 | 02.4 | 311 | 30 | 04.0 | 03.4 | 309 | 30 | 01.5 | 00.8 | 290 |
| .15 A.G.L. | 30 | 04.5 | 01.6 | 326 | 30 | 06.5 | 04.1 | 212 | 30 | 05.3 | 04.3 | 325 | 30 | 04.6 | 03.5 | 309 | 30 | 08.4 | 06.9 | 309 | 30 | 07.9 | 06.2 | 313 |
| .3A.M.S.L. | 30 | 04.7 | 01.7 | 311 | 30 | 06.8 | 04.2 | 206 | | | | | | | | | | | | | 30 | 08.0 | 06.5 | 310 |
| .6 ,, | 30 | 04.9 | 02.5 | 297 | 30 | 07.0 | 04.0 | 222 | | | | | | | | | | | | | 30 | 07.6 | 07.2 | 303 |
| .9 ,, | 30 | 04.5 | 03.4 | 295 | 30 | 06.1 | 03.1 | 250 | 30 | 06.7 | 06.0 | 346 | 30 | 08.9 | 03.0 | 305 | 30 | 09.6 | 08.4 | 329 | 30 | 08.5 | 08.2 | 303 |
| 1.5 ,, | 30 | 04.9 | 04.4 | 285 | 30 | 05.1 | 03.7 | 290 | 30 | 08.0 | 06.6 | 347 | 30 | 04.7 | 03.9 | 296 | 30 | 09.6 | 08.4 | 330 | 29 | 09.5 | 09.1 | 298 |
| 2.1 ,, | 29 | 05.7 | 05.2 | 289 | 30 | 06.4 | 05.5 | 296 | 30 | 06.4 | 02.0 | 325 | 30 | 04.2 | 03.3 | 296 | 30 | 05.8 | 04.1 | 332 | 23 | 10.6 | 10.4 | 293 |
| 3.0 ,, | 29 | 06.7 | 06.1 | 285 | 24 | 06.8 | 05.8 | 296 | 28 | 05.5 | 02.2 | 195 | 26 | 04.2 | 02.8 | 268 | 30 | 05.4 | 00.7 | 175 | 10 | 10.9 | 10.5 | 287 |
| 3.6 ,, | 29 | 08.8 | 08.0 | 287 | 13 | 10.2 | 09.4 | 292 | 24 | 05.7 | 03.9 | 201 | 22 | 04.7 | 02.3 | 246 | 29 | 06.8 | 03.2 | 173 | 05 | 10.6 | 09.6 | 269 |
| 4.5 ,, | 22 | 11.8 | 11.0 | 293 | 03 | 13.3 | 13.3 | 304 | 04 | 12.0 | 11.1 | 228 | 17 | 05.3 | 02.8 | 252 | 12 | 08.3 | 05.3 | 212 | | | | |
| 5.4 ,, | 13 | 14.0 | 13.6 | 291 | | | | | 01 | 15.0 | 15.0 | 215 | 11 | 07.4 | 05.7 | 278 | 05 | 09.4 | 07.7 | 229 | | | | |
| 6.0 ,, | 11 | 14.2 | 13.6 | 292 | | | | | | | | | 07 | 06.1 | 05.1 | 270 | 03 | 10.3 | 08.2 | 222 | | | | |
| 7.2 ,, | 07 | 19.4 | 19.3 | 291 | | | | | | | | | 03 | 13.3 | 12.7 | 257 | 01 | 11.0 | 11.0 | 255 | | | | |
| 9.0 ,, | 02 | 31.0 | 30.9 | 298 | | | | | | | | | 01 | 24.0 | 24.0 | 265 | | | | | | | | |

| STATION | BAHRAICH | | | | | | | | BANGALORE | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 0530 @ | | | | 1130 | | | | 1730 @ | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.3 | 280 | 30 | 02.9 | 02.3 | 278 | 30 | 02.7 | 01.6 | 232 | 30 | 02.6 | 01.1 | 101 | 30 | 03.8 | 02.5 | 099 | 30 | 03.9 | 02.3 | 132 |
| .15 A.G.L. | 30 | 04.8 | 03.1 | 290 | 30 | 06.9 | 06.7 | 282 | 28 | 04.9 | 02.8 | 238 | 30 | 03.8 | 00.6 | 118 | 30 | 05.1 | 03.9 | 092 | 29 | 07.9 | 05.5 | 132 |
| .3A.M.S.L. | 30 | 05.0 | 03.0 | 284 | 30 | 07.1 | 06.9 | 282 | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 04.7 | 03.3 | 286 | 30 | 08.5 | 08.2 | 284 | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 05.8 | 05.2 | 290 | 30 | 08.7 | 08.4 | 285 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 29 | 08.1 | 07.7 | 293 | 24 | 08.1 | 07.9 | 284 | 28 | 05.2 | 00.7 | 220 | 30 | 03.4 | 00.9 | 094 | 30 | 05.5 | 04.1 | 092 | 28 | 06.7 | 06.0 | 125 |
| 2.1 ,, | 24 | 08.7 | 08.5 | 295 | 17 | 08.1 | 07.7 | 282 | 28 | 05.5 | 03.2 | 071 | 29 | 04.9 | 03.6 | 077 | 30 | 05.3 | 03.9 | 075 | 28 | 05.3 | 03.6 | 262 |
| 3.0 ,, | 18 | 09.9 | 09.5 | 289 | 12 | 08.5 | 08.2 | 279 | 28 | 09.0 | 08.2 | 057 | 21 | 09.8 | 09.2 | 073 | 30 | 05.6 | 04.9 | 057 | 26 | 06.2 | 04.0 | 042 |
| 3.6 ,, | 10 | 10.6 | 10.0 | 285 | 08 | 09.9 | 08.8 | 279 | 28 | 08.8 | 08.2 | 052 | 20 | 09.7 | 09.3 | 067 | 30 | 05.5 | 05.0 | 055 | 22 | 05.8 | 04.6 | 042 |
| 4.5 ,, | 05 | 10.2 | 09.5 | 285 | 06 | 11.5 | 10.9 | 269 | 28 | 06.8 | 04.7 | 056 | 20 | 07.0 | 05.7 | 072 | 26 | 05.3 | 03.2 | 039 | 14 | 06.1 | 04.2 | 063 |
| 5.4 ,, | 03 | 08.0 | 07.5 | 283 | 03 | 15.3 | 15.1 | 258 | 28 | 05.1 | 01.9 | 088 | 16 | 04.7 | 02.2 | 100 | 24 | 05.0 | 01.5 | 007 | 10 | 03.6 | 02.5 | 037 |
| 6.0 ,, | 02 | 10.5 | 10.3 | 296 | 03 | 17.0 | 16.6 | 257 | 27 | 05.1 | 00.6 | 084 | 15 | 04.3 | 01.1 | 115 | 22 | 05.8 | 02.3 | 350 | 03 | 03.3 | 00.8 | 245 |
| 7.2 ,, | 01 | 09.0 | 09.0 | 310 | 03 | 22.0 | 21.3 | 250 | 23 | 04.8 | 00.9 | 346 | 13 | 05.8 | 00.9 | 341 | 20 | 05.9 | 01.9 | 331 | 01 | 04.0 | 04.0 | 297 |
| 9.0 ,, | | | | | 01 | 30.0 | 30.0 | 239 | 18 | 08.8 | 06.7 | 293 | 09 | 07.8 | 05.6 | 302 | 13 | 10.0 | 07.7 | 285 | | | | |

| STATION | BAREILLY | | | | | | | | BHOPAL | | | | | | | | | | | | BHAGALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.2 | 01.0 | 300 | 30 | 02.0 | 01.8 | 294 | 30 | 02.0 | 00.9 | 162 | 30 | 02.2 | 01.4 | 132 | 30 | 03.1 | 02.1 | 130 | 30 | 02.0 | 00.4 | 217 |
| .15 A.G.L. | 30 | 07.9 | 06.8 | 319 | 30 | 07.5 | 07.0 | 292 | 30 | 05.0 | 02.4 | 183 | 30 | 03.6 | 02.3 | 133 | 30 | 06.8 | 04.0 | 129 | 30 | 06.6 | 02.2 | 247 |
| .3A.M.S.L. | 30 | 07.0 | 06.1 | 318 | 30 | 06.9 | 06.4 | 292 | | | | | | | | | | | | | 30 | 06.5 | 02.7 | 264 |
| .6 ,, | 30 | 09.8 | 08.8 | 314 | 30 | 08.4 | 08.0 | 289 | 30 | 04.0 | 01.9 | 160 | 30 | 03.4 | 02.2 | 132 | 30 | 05.4 | 03.3 | 127 | 30 | 07.7 | 04.3 | 280 |
| .9 ,, | 30 | 10.0 | 09.2 | 311 | 30 | 08.4 | 07.9 | 289 | 30 | 05.9 | 03.5 | 185 | 30 | 03.2 | 02.4 | 128 | 30 | 07.5 | 05.2 | 134 | 30 | 08.3 | 06.1 | 285 |
| 1.5 ,, | 30 | 09.6 | 08.9 | 297 | 28 | 08.4 | 07.9 | 284 | 30 | 06.5 | 04.5 | 186 | 30 | 03.6 | 02.9 | 130 | 30 | 06.2 | 03.9 | 131 | 30 | 09.4 | 09.1 | 297 |
| 2.1 ,, | 30 | 10.0 | 09.3 | 291 | 25 | 07.2 | 06.5 | 280 | 30 | 05.3 | 02.7 | 177 | 30 | 03.4 | 02.4 | 128 | 30 | 04.2 | 01.3 | 124 | 29 | 11.4 | 11.1 | 293 |
| 3.0 ,, | 23 | 10.0 | 09.0 | 287 | 21 | 07.7 | 07.0 | 274 | 29 | 04.5 | 01.0 | 030 | 30 | 03.6 | 01.4 | 127 | 28 | 04.0 | 00.2 | 253 | 17 | 13.9 | 12.3 | 289 |
| 3.6 ,, | 18 | 09.2 | 05.5 | 294 | 17 | 06.9 | 06.2 | 263 | 28 | 05.3 | 02.9 | 022 | 29 | 03.4 | 00.0 | 112 | 10 | 04.1 | 01.9 | 003 | 11 | 15.8 | 15.2 | 287 |
| 4.5 ,, | 15 | 10.5 | 09.4 | 263 | 15 | 09.5 | 08.1 | 263 | 25 | 05.5 | 03.4 | 023 | 24 | 06.0 | 02.6 | 325 | | | | | 02 | 17.0 | 17.0 | 288 |
| 5.4 ,, | 13 | 11.3 | 09.8 | 260 | 15 | 11.9 | 10.6 | 265 | 20 | 05.5 | 01.7 | 344 | 18 | 06.1 | 03.3 | 309 | | | | | | | | |
| 6.0 ,, | 09 | 11.8 | 10.3 | 266 | 13 | 13.2 | 11.3 | 263 | 19 | 06.3 | 03.1 | 297 | 14 | 06.1 | 04.9 | 293 | | | | | | | | |
| 7.2 ,, | 07 | 14.3 | 12.1 | 268 | 11 | 18.0 | 14.5 | 267 | 10 | 09.8 | 08.5 | 287 | 09 | 08.1 | 06.0 | 029 | | | | | | | | |
| 9.0 ,, | 04 | 16.5 | 12.9 | 302 | 05 | 23.2 | 19.2 | 277 | 04 | 15.5 | 15.0 | 299 | 04 | 11.5 | 10.8 | 302 | | | | | | | | |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

## APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | BHAGALPUR | | | | BHOPAL/RAJGARH | | | | | | | | BHUBANESWAR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.7 | 02.3 | 203 | 30 | 02.1 | 00.9 | 317 | 30 | 03.3 | 02.6 | 268 | 30 | 02.5 | 01.8 | 294 | 30 | 04.1 | 03.7 | 223 | 30 | 04.2 | 03.7 | 216 |
| .15 A.G.L. | 30 | 07.0 | 06.0 | 289 | 30 | 08.9 | 04.0 | 339 | 30 | 05.4 | 04.3 | 256 | 30 | 08.4 | 05.3 | 306 | 26 | 06.2 | 05.6 | 219 | 30 | 06.5 | 05.9 | 207 |
| .3A.M.S.L. | 30 | 07.0 | 06.5 | 291 | | | | | | | | | | | | | 26 | 07.4 | 06.5 | 227 | 30 | 06.7 | 05.9 | 217 |
| .6 ,, | 30 | 08.0 | 07.6 | 288 | 30 | 07.3 | 03.4 | 341 | 30 | 05.0 | 04.0 | 259 | 30 | 07.3 | 04.7 | 306 | 26 | 08.2 | 06.7 | 233 | 30 | 05.8 | 05.1 | 217 |
| .9 ,, | 30 | 09.0 | 08.8 | 285 | 30 | 09.1 | 04.6 | 338 | 30 | 05.4 | 04.4 | 264 | 30 | 08.6 | 05.2 | 307 | 26 | 07.3 | 06.0 | 238 | 30 | 06.0 | 04.6 | 235 |
| 1.5 ,, | 28 | 10.0 | 09.9 | 277 | 30 | 06.2 | 04.2 | 311 | 29 | 05.4 | 04.6 | 265 | 30 | 07.0 | 05.3 | 279 | 26 | 05.3 | 04.1 | 263 | 29 | 05.2 | 03.9 | 268 |
| 2.1 ,, | 26 | 11.6 | 11.4 | 273 | 30 | 06.5 | 05.5 | 264 | 29 | 05.1 | 04.5 | 263 | 29 | 06.0 | 05.1 | 254 | 26 | 04.5 | 02.9 | 280 | 27 | 05.3 | 03.4 | 280 |
| 3.0 ,, | 12 | 13.9 | 13.5 | 275 | 29 | 10.6 | 09.6 | 244 | 25 | 07.0 | 06.6 | 259 | 28 | 07.5 | 06.9 | 239 | 23 | 05.9 | 03.6 | 305 | 22 | 05.0 | 03.1 | 312 |
| 3.6 ,, | 06 | 14.0 | 13.1 | 279 | 29 | 12.4 | 11.7 | 236 | 25 | 08.9 | 08.4 | 256 | 17 | 07.6 | 06.8 | 235 | 21 | 05.6 | 03.8 | 314 | | | | |
| 4.5 ,, | 05 | 16.0 | 15.9 | 275 | 25 | 12.7 | 12.7 | 249 | 23 | 09.7 | 09.0 | 258 | | | | | 14 | 07.1 | 04.6 | 299 | | | | |
| 5.4 ,, | 03 | 21.3 | 21.1 | 278 | 22 | 13.5 | 11.8 | 262 | 22 | 12.1 | 11.2 | 257 | | | | | 07 | 10.6 | 07.9 | 299 | | | | |
| 6.0 ,, | 02 | 14.0 | 13.2 | 277 | 19 | 14.6 | 13.5 | 262 | 20 | 12.5 | 12.1 | 259 | | | | | 04 | 12.5 | 12.5 | 275 | | | | |
| 7.2 ,, | 01 | 12.0 | 12.0 | 285 | 16 | 17.3 | 15.8 | 268 | 17 | 17.8 | 16.6 | 268 | | | | | 03 | 13.7 | 13.3 | 263 | | | | |
| 9.0 ,, | | | | | 10 | 21.3 | 19.5 | 279 | 11 | 24.2 | 23.4 | 274 | | | | | 01 | 13.0 | 13.0 | 305 | | | | |

| STATION | BHUBANESWAR | | | | | | | | BHUJ/RUDRAMATA | | | | | | | | | | | | BIKANER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 05.8 | 05.3 | 200 | 30 | 05.4 | 04.8 | 216 | 30 | 02.1 | 01.8 | 266 | 30 | 04.3 | 03.6 | 273 | 30 | 03.6 | 03.4 | 253 | 30 | 01.3 | 00.7 | 324 |
| .15 A.G.L. | 30 | 09.3 | 06.0 | 202 | 29 | 09.2 | 08.5 | 210 | 30 | 06.9 | 06.2 | 285 | 30 | 06.0 | 04.9 | 267 | 30 | 07.7 | 07.5 | 265 | 30 | 08.1 | 00.4 | 042 |
| .3A.M.S.L. | 30 | 08.3 | 08.2 | 199 | 29 | 10.4 | 09.3 | 216 | 30 | 08.0 | 07.3 | 287 | 30 | 06.2 | 05.2 | 265 | 30 | 08.2 | 07.9 | 271 | 30 | 07.1 | 01.7 | 087 |
| .6 ,, | 30 | 07.7 | 07.5 | 204 | 29 | 11.5 | 10.0 | 220 | 30 | 09.3 | 08.5 | 295 | 30 | 06.1 | 05.2 | 270 | 30 | 08.0 | 07.4 | 282 | 30 | 08.1 | 02.2 | 092 |
| .9 ,, | 30 | 05.9 | 05.2 | 215 | 29 | 10.3 | 05.3 | 221 | 30 | 07.1 | 05.7 | 266 | 30 | 05.3 | 04.7 | 273 | 30 | 06.6 | 05.4 | 292 | 30 | 06.3 | 00.7 | 122 |
| 1.5 ,, | 26 | 04.7 | 02.6 | 276 | 27 | 05.9 | 04.1 | 251 | 30 | 05.6 | 03.4 | 273 | 30 | 04.8 | 04.3 | 275 | 30 | 04.7 | 02.5 | 305 | 30 | 04.8 | 01.5 | 270 |
| 2.1 ,, | 25 | 04.5 | 03.3 | 306 | 25 | 05.3 | 03.7 | 286 | 27 | 05.5 | 02.3 | 269 | 30 | 05.0 | 02.8 | 256 | 30 | 05.2 | 01.5 | 280 | 30 | 06.0 | 04.8 | 267 |
| 3.0 ,, | 24 | 06.3 | 04.6 | 324 | 22 | 06.3 | 03.8 | 297 | 26 | 06.2 | 03.5 | 274 | 30 | 06.7 | 05.1 | 258 | 29 | 05.6 | 02.9 | 265 | 28 | 07.4 | 05.5 | 267 |
| 3.6 ,, | 24 | 06.4 | 05.3 | 327 | 04 | 06.5 | 06.4 | 323 | 14 | 07.1 | 04.2 | 267 | 30 | 07.9 | 05.7 | 259 | 06 | 06.0 | 04.0 | 266 | 28 | 08.1 | 05.5 | 269 |
| 4.5 ,, | 13 | 08.8 | 07.3 | 314 | | | | | 14 | 07.5 | 06.7 | 265 | 29 | 09.4 | 08.3 | 255 | 01 | 04.0 | 04.0 | 275 | 27 | 10.7 | 08.5 | 264 |
| 5.4 ,, | 09 | 07.5 | 07.2 | 280 | | | | | 14 | 10.0 | 09.1 | 262 | 29 | 11.0 | 09.9 | 264 | | | | | 20 | 10.9 | 08.9 | 266 |
| 6.0 ,, | 09 | 11.5 | 09.2 | 281 | | | | | 14 | 11.6 | 10.7 | 259 | 29 | 12.9 | 11.8 | 265 | | | | | 19 | 12.0 | 10.0 | 269 |
| 7.2 ,, | 06 | 14.7 | 12.6 | 272 | | | | | 13 | 15.9 | 14.9 | 259 | 21 | 16.7 | 15.3 | 267 | | | | | 11 | 14.1 | 11.4 | 282 |
| 9.0 ,, | 02 | 20.0 | 20.0 | 289 | | | | | 02 | 23.0 | 22.7 | 263 | 04 | 27.3 | 22.7 | 262 | | | | | 05 | 14.6 | 12.3 | 289 |

| STATION | BIKANER | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.0 | 00.7 | 248 | 30 | 01.2 | 00.6 | 029 | 30 | 00.8 | 00.1 | 073 | 30 | 02.6 | 02.3 | 286 | 30 | 05.6 | 05.4 | 312 | 30 | 01.8 | 01.7 | 317 |
| .15 A.G.L. | 30 | 03.2 | 01.4 | 282 | 30 | 07.5 | 04.8 | 033 | 30 | 03.9 | 02.8 | 349 | 30 | 03.7 | 03.1 | 299 | 30 | 08.5 | 08.2 | 316 | 30 | 05.5 | 05.1 | 323 |
| .3A.M.S.L. | 30 | 03.0 | 01.8 | 277 | 30 | 07.1 | 03.9 | 033 | 30 | 04.5 | 03.6 | 345 | 30 | 03.5 | 02.8 | 332 | 30 | 07.8 | 07.6 | 318 | 30 | 06.2 | 05.8 | 328 |
| .6 ,, | 30 | 03.7 | 02.2 | 273 | 30 | 08.3 | 05.1 | 031 | 30 | 05.7 | 02.7 | 319 | 30 | 04.0 | 03.3 | 010 | 30 | 06.2 | 05.7 | 321 | 30 | 06.2 | 05.7 | 333 |
| .9 ,, | 30 | 04.1 | 02.4 | 273 | 30 | 07.5 | 04.2 | 027 | 30 | 06.4 | 05.6 | 337 | 30 | 04.4 | 03.6 | 012 | 30 | 05.3 | 04.3 | 323 | 30 | 05.7 | 04.7 | 340 |
| 1.5 ,, | 29 | 04.5 | 03.2 | 258 | 29 | 04.5 | 01.5 | 314 | 30 | 06.4 | 04.0 | 325 | 30 | 05.4 | 03.0 | 316 | 30 | 05.3 | 03.5 | 315 | 30 | 06.6 | 05.0 | 319 |
| 2.1 ,, | 28 | 05.1 | 04.0 | 260 | 28 | 04.9 | 03.5 | 265 | 30 | 08.1 | 04.2 | 262 | 29 | 07.3 | 04.4 | 264 | 30 | 06.6 | 03.9 | 254 | 30 | 06.4 | 04.3 | 266 |
| 3.0 ,, | 26 | 05.1 | 04.1 | 245 | 26 | 07.8 | 05.9 | 241 | 30 | 09.0 | 06.9 | 210 | 29 | 07.7 | 06.5 | 212 | 30 | 08.2 | 06.2 | 202 | 29 | 07.2 | 05.9 | 203 |
| 3.6 ,, | 23 | 05.9 | 05.1 | 247 | 14 | 09.8 | 08.0 | 254 | 30 | 09.3 | 08.3 | 199 | 29 | 07.9 | 07.2 | 204 | 30 | 09.2 | 08.3 | 198 | 20 | 08.6 | 07.2 | 194 |
| 4.5 ,, | 21 | 09.1 | 07.1 | 260 | 02 | 10.5 | 10.3 | 232 | 30 | 08.6 | 07.2 | 212 | 25 | 08.1 | 06.9 | 234 | 30 | 08.4 | 06.5 | 220 | 14 | 07.7 | 05.3 | 211 |
| 5.4 ,, | 19 | 12.6 | 11.4 | 268 | | | | | 30 | 09.3 | 07.4 | 254 | 24 | 09.8 | 08.8 | 262 | 30 | 09.3 | 07.7 | 256 | 09 | 06.7 | 05.8 | 260 |
| 6.0 ,, | 17 | 14.5 | 12.7 | 277 | | | | | 30 | 10.9 | 09.5 | 266 | 24 | 11.5 | 10.8 | 269 | 30 | 10.7 | 09.4 | 263 | 08 | 09.4 | 08.9 | 273 |
| 7.2 ,, | 10 | 18.1 | 16.1 | 275 | | | | | 30 | 16.8 | 15.2 | 270 | 20 | 14.3 | 13.3 | 271 | 30 | 14.1 | 12.7 | 263 | 01 | 10.0 | 10.0 | 264 |
| 9.0 ,, | 02 | 30.5 | 29.5 | 265 | | | | | 30 | 23.8 | 22.8 | 277 | 13 | 22.8 | 20.7 | 279 | 30 | 21.9 | 20.9 | 271 | | | | |

| STATION | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | | COCHIN/WILLINGDON † | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.2 | 01.7 | 193 | 30 | 02.5 | 02.0 | 216 | 30 | 04.2 | 03.7 | 195 | 30 | 03.4 | 02.7 | 187 | 30 | 00.9 | 00.5 | 041 | 30 | 04.4 | 03.9 | 283 |
| .15 A.G.L. | 30 | 07.8 | 06.5 | 217 | 30 | 04.1 | 03.3 | 227 | 30 | 08.4 | 07.9 | 201 | 30 | 09.1 | 07.4 | 205 | 30 | 03.4 | 02.5 | 012 | 30 | 06.3 | 05.6 | 287 |
| .3A.M.S.L. | 30 | 08.3 | 07.1 | 223 | 30 | 04.0 | 03.3 | 228 | 30 | 08.1 | 07.7 | 201 | 30 | 11.0 | 09.2 | 212 | 30 | 03.7 | 03.0 | 344 | 30 | 06.7 | 06.2 | 284 |
| .6 ,, | 30 | 09.1 | 07.9 | 232 | 30 | 04.2 | 03.7 | 233 | 30 | 07.6 | 06.2 | 206 | 30 | 11.8 | 09.7 | 220 | 30 | 04.4 | 04.0 | 320 | 30 | 06.1 | 05.6 | 287 |
| .9 ,, | 30 | 08.4 | 07.5 | 250 | 30 | 04.7 | 04.1 | 240 | 30 | 05.9 | 04.9 | 228 | 30 | 09.6 | 07.3 | 235 | 30 | 04.2 | 03.5 | 317 | 30 | 04.2 | 03.2 | 282 |
| 1.5 ,, | 30 | 07.3 | 06.7 | 264 | 30 | 05.4 | 04.4 | 265 | 30 | 05.3 | 04.4 | 270 | 30 | 07.2 | 05.4 | 187 | 30 | 03.0 | 01.6 | 004 | 30 | 03.9 | 01.6 | 051 |
| 2.1 ,, | 30 | 06.7 | 06.1 | 279 | 30 | 06.2 | 05.3 | 279 | 30 | 06.5 | 05.9 | 293 | 26 | 06.5 | 05.7 | 284 | 26 | 05.3 | 04.0 | 055 | 27 | 05.8 | 05.0 | 059 |
| 3.0 ,, | 30 | 07.6 | 06.8 | 295 | 30 | 08.6 | 07.9 | 285 | 30 | 09.5 | 08.5 | 296 | 19 | 08.3 | 07.6 | 309 | 18 | 08.1 | 07.8 | 073 | 24 | 08.1 | 07.5 | 067 |
| 3.6 ,, | 30 | 09.6 | 08.9 | 303 | 30 | 10.0 | 08.1 | 289 | 30 | 11.2 | 10.5 | 302 | 10 | 08.7 | 08.2 | 314 | 11 | 08.9 | 08.3 | 080 | 19 | 09.2 | 08.5 | 071 |
| 4.5 ,, | 30 | 12.0 | 11.5 | 304 | 28 | 12.4 | 11.8 | 294 | 30 | 13.1 | 12.3 | 295 | 01 | 04.0 | 04.0 | 345 | | | | | 12 | 07.7 | 06.0 | 068 |
| 5.4 ,, | 30 | 11.3 | 10.7 | 290 | 27 | 13.7 | 13.1 | 295 | 30 | 13.1 | 12.7 | 282 | | | | | | | | | 08 | 06.2 | 04.0 | 063 |
| 6.0 ,, | 30 | 12.3 | 11.8 | 286 | 22 | 14.0 | 13.3 | 294 | 30 | 14.4 | 13.8 | 283 | | | | | | | | | 07 | 06.4 | 03.9 | 029 |
| 7.2 ,, | 30 | 15.8 | 14.9 | 275 | 21 | 14.8 | 13.7 | 289 | 30 | 18.0 | 17.0 | 282 | | | | | | | | | 02 | 05.0 | 04.1 | 278 |
| 9.0 ,, | 30 | 21.5 | 20.3 | 273 | 12 | 18.5 | 17.4 | 279 | 30 | 23.2 | 21.5 | 276 | | | | | | | | | 01 | 06.0 | 06.0 | 355 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | COCHIN/WILLINGDON | | | | DEHRA DUN | | | | | | | | DIBRUGARH/MOHANBARI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.5 | 00.8 | 346 | 30 | 00.6 | 00.2 | 003 | 30 | 01.6 | 01.2 | 258 | 30 | 02.0 | 01.5 | 047 | 30 | 01.8 | 01.6 | 052 | 30 | 02.0 | 01.9 | 042 |
| .15 A.G.L. | 27 | 03.9 | 01.2 | 324 | 30 | 02.0 | 01.6 | 075 | 29 | 04.4 | 02.9 | 286 | 27 | 06.1 | 05.0 | 050 | 28 | 04.1 | 03.7 | 064 | 29 | 04.6 | 03.9 | 059 |
| .3A.M.S.L. | 27 | 03.7 | 02.1 | 305 | | | | | | | | | 27 | 06.5 | 04.2 | 074 | 28 | 04.0 | 03.5 | 066 | 29 | 04.7 | 03.9 | 057 |
| .6 ,, | 27 | 04.1 | 03.3 | 296 | | | | | | | | | 27 | 06.7 | 06.2 | 063 | 28 | 04.0 | 03.5 | 068 | 29 | 05.9 | 05.1 | 062 |
| .9 ,, | 27 | 03.6 | 02.8 | 295 | 30 | 02.0 | 01.5 | 090 | 29 | 05.0 | 03.8 | 270 | 27 | 05.6 | 04.7 | 077 | 28 | 03.9 | 02.5 | 084 | 29 | 05.1 | 03.9 | 068 |
| 1.5 ,, | 26 | 03.1 | 00.4 | 340 | 30 | 02.6 | 00.3 | 130 | 29 | 04.9 | 04.1 | 267 | 26 | 04.0 | 01.5 | 168 | 27 | 04.2 | 02.1 | 201 | 29 | 04.6 | 02.2 | 227 |
| 2.1 ,, | 16 | 05.1 | 03.9 | 078 | 30 | 03.6 | 01.1 | 274 | 28 | 04.1 | 03.2 | 259 | 25 | 06.0 | 04.4 | 243 | 23 | 05.2 | 04.0 | 223 | 29 | 08.9 | 08.5 | 232 |
| 3.0 ,, | 09 | 08.3 | 08.1 | 067 | 28 | 05.0 | 01.7 | 252 | 27 | 04.2 | 02.1 | 266 | 21 | 08.7 | 08.0 | 253 | 21 | 09.0 | 08.0 | 238 | 24 | 13.8 | 13.6 | 238 |
| 3.6 ,, | 07 | 06.6 | 06.4 | 065 | 27 | 06.5 | 03.3 | 262 | 25 | 04.9 | 01.7 | 260 | 15 | 09.2 | 08.8 | 258 | 16 | 10.0 | 09.5 | 249 | 20 | 12.4 | 12.1 | 242 |
| 4.5 ,, | 01 | 04.0 | 04.0 | 135 | 23 | 08.2 | 05.8 | 273 | 21 | 07.4 | 03.5 | 273 | 05 | 10.0 | 09.3 | 270 | 07 | 07.3 | 06.7 | 256 | 08 | 08.4 | 06.0 | 245 |
| 5.4 ,, | 01 | 04.0 | 04.0 | 200 | 20 | 09.1 | 06.8 | 274 | 17 | 10.1 | 06.7 | 271 | 03 | 08.0 | 04.2 | 300 | 06 | 08.7 | 07.4 | 259 | 04 | 11.0 | 09.4 | 248 |
| 6.0 ,, | | | | | 17 | 11.6 | 10.3 | 268 | 15 | 11.8 | 08.3 | 260 | 01 | 04.0 | 04.0 | 183 | 03 | 05.0 | 04.4 | 290 | 04 | 14.3 | 13.0 | 253 |
| 7.2 ,, | | | | | 14 | 14.3 | 12.8 | 277 | 14 | 14.9 | 12.0 | 271 | 01 | 06.0 | 06.0 | 243 | 01 | 07.0 | 07.0 | 009 | 02 | 13.5 | 13.5 | 279 |
| 9.0 ,, | | | | | 03 | 15.0 | 07.8 | 290 | | | | | | | | | 01 | 08.0 | 08.0 | 326 | 01 | 23.0 | 23.0 | 279 |

| STATION | DIBRUGARH/MOHANBARI | | | | GADAG | | | | | | | | | | | | GANGTOK | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0830 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.7 | 051 | 30 | 03.4 | 02.7 | 237 | 30 | 02.8 | 00.6 | 076 | 30 | 04.8 | 03.4 | 260 | 30 | 01.1 | 00.8 | 023 | 30 | 02.6 | 01.0 | 198 |
| .15 A.G.L. | 25 | 05.4 | 04.3 | 048 | 30 | 05.3 | 03.4 | 261 | 30 | 04.5 | 01.0 | 106 | 30 | 08.0 | 05.4 | 261 | 24 | 01.9 | 00.5 | 029 | 15 | 02.7 | 02.6 | 170 |
| .3A.M.S.L. | 25 | 05.2 | 04.1 | 044 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 25 | 05.0 | 04.3 | 056 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 25 | 04.9 | 03.8 | 076 | 30 | 05.9 | 02.9 | 335 | 30 | 04.0 | 01.1 | 085 | 30 | 08.6 | 05.3 | 279 | | | | | | | | |
| 1.5 ,, | 25 | 04.0 | 02.2 | 159 | 30 | 05.9 | 02.1 | 033 | 30 | 03.7 | 01.2 | 059 | 30 | 05.9 | 01.5 | 010 | | | | | | | | |
| 2.1 ,, | 25 | 06.0 | 04.7 | 232 | 30 | 04.8 | 01.8 | 069 | 30 | 03.7 | 01.7 | 077 | 30 | 05.2 | 03.4 | 096 | 24 | 01.7 | 00.1 | 122 | 15 | 03.5 | 03.3 | 165 |
| 3.0 ,, | 17 | 08.6 | 08.0 | 251 | 30 | 04.9 | 02.9 | 083 | 29 | 03.8 | 02.2 | 065 | 30 | 05.8 | 04.7 | 100 | 24 | 02.2 | 01.4 | 169 | 14 | 03.9 | 03.5 | 168 |
| 3.6 ,, | 06 | 08.5 | 08.1 | 259 | 29 | 05.5 | 03.5 | 080 | 28 | 04.1 | 02.8 | 066 | 28 | 06.3 | 05.2 | 076 | 21 | 02.1 | 01.4 | 236 | 12 | 03.3 | 02.7 | 204 |
| 4.5 ,, | 01 | 11.0 | 11.0 | 250 | 29 | 06.1 | 02.8 | 050 | 24 | 04.5 | 02.6 | 016 | 19 | 05.6 | 03.7 | 051 | 20 | 07.9 | 07.4 | 260 | 10 | 06.3 | 05.9 | 254 |
| 5.4 ,, | | | | | 26 | 05.4 | 02.2 | 298 | 20 | 04.8 | 02.3 | 320 | 14 | 04.9 | 01.0 | 348 | 17 | 12.6 | 11.3 | 268 | 04 | 13.0 | 12.6 | 250 |
| 6.0 ,, | | | | | 26 | 05.8 | 02.9 | 274 | 18 | 05.7 | 02.3 | 309 | 07 | 05.9 | 00.6 | 228 | 15 | 14.9 | 14.4 | 266 | 04 | 14.3 | 13.9 | 261 |
| 7.2 ,, | | | | | 24 | 07.0 | 05.1 | 276 | 14 | 07.4 | 05.5 | 305 | 02 | 03.5 | 03.0 | 137 | 09 | 15.7 | 15.4 | 277 | 01 | 12.0 | 12.0 | 295 |
| 9.0 ,, | | | | | 22 | 11.5 | 09.9 | 286 | 11 | 12.8 | 12.2 | 297 | | | | | 03 | 21.3 | 20.0 | 255 | | | | |

| STATION | GAUHATI | | | | | | | | | | | | | | | | GAYA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.9 | 00.5 | 069 | 30 | 02.7 | 02.5 | 034 | 30 | 02.4 | 00.9 | 044 | 30 | 02.6 | 01.6 | 072 | 30 | 01.4 | 01.1 | 191 | 30 | 03.3 | 02.4 | 291 |
| .15 A.G.L. | 30 | 03.0 | 01.9 | 085 | 30 | 03.8 | 03.3 | 038 | 30 | 03.8 | 02.1 | 055 | 29 | 04.8 | 03.0 | 091 | 30 | 05.3 | 03.5 | 249 | 30 | 04.7 | 03.8 | 290 |
| .3A.M.S.L. | 30 | 02.9 | 01.7 | 087 | 30 | 03.7 | 02.8 | 036 | 30 | 03.8 | 02.1 | 058 | 29 | 05.1 | 02.8 | 095 | 30 | 05.5 | 03.4 | 259 | 30 | 04.6 | 03.7 | 285 |
| .6 ,, | 30 | 03.7 | 00.9 | 330 | 30 | 03.3 | 01.6 | 026 | 30 | 04.4 | 01.1 | 058 | 29 | 05.2 | 01.4 | 108 | 30 | 06.3 | 04.2 | 294 | 30 | 05.0 | 03.9 | 286 |
| .9 ,, | 30 | 04.9 | 02.6 | 284 | 30 | 03.6 | 02.2 | 267 | 30 | 03.5 | 01.5 | 251 | 29 | 05.3 | 03.0 | 225 | 30 | 06.4 | 05.2 | 304 | 30 | 06.1 | 05.1 | 283 |
| 1.5 ,, | 30 | 08.3 | 07.6 | 251 | 29 | 09.1 | 08.8 | 246 | 30 | 06.9 | 06.2 | 240 | 29 | 08.9 | 08.5 | 249 | 30 | 07.2 | 06.7 | 297 | 30 | 07.6 | 07.0 | 290 |
| 2.1 ,, | 30 | 11.8 | 11.4 | 254 | 29 | 12.7 | 09.1 | 252 | 30 | 10.7 | 10.3 | 248 | 23 | 11.5 | 11.1 | 258 | 29 | 09.2 | 08.6 | 292 | 27 | 08.3 | 07.4 | 290 |
| 3.0 ,, | 30 | 14.3 | 14.0 | 265 | 27 | 15.2 | 15.2 | 263 | 30 | 14.7 | 14.4 | 264 | 18 | 12.9 | 12.6 | 274 | 29 | 12.0 | 11.4 | 284 | 15 | 08.1 | 07.4 | 285 |
| 3.6 ,, | 30 | 16.4 | 15.9 | 270 | 23 | 18.0 | 17.7 | 271 | 29 | 17.0 | 16.7 | 268 | 03 | 11.0 | 10.9 | 290 | 27 | 13.3 | 12.9 | 283 | 01 | 09.0 | 09.0 | 285 |
| 4.5 ,, | 30 | 18.3 | 18.0 | 276 | 21 | 19.1 | 18.8 | 272 | 29 | 17.9 | 17.7 | 270 | | | | | 19 | 12.3 | 11.9 | 290 | | | | |
| 5.4 ,, | 29 | 17.9 | 17.4 | 274 | 15 | 17.0 | 16.7 | 276 | 30 | 17.5 | 17.2 | 269 | | | | | 15 | 12.7 | 12.2 | 287 | | | | |
| 6.0 ,, | 28 | 18.1 | 17.8 | 274 | 12 | 17.4 | 17.1 | 270 | 30 | 17.2 | 16.6 | 270 | | | | | 11 | 13.8 | 13.5 | 288 | | | | |
| 7.2 ,, | 28 | 19.0 | 18.2 | 273 | 07 | 19.4 | 18.6 | 264 | 30 | 19.7 | 19.1 | 271 | | | | | 04 | 13.0 | 12.8 | 276 | | | | |
| 9.0 ,, | 26 | 27.2 | 26.0 | 268 | 04 | 22.7 | 22.1 | 258 | 29 | 23.6 | 22.1 | 272 | | | | | | | | | | | | |

| STATION | GAYA | | | | | | | | GOA/DABOLIM | | | | | | | | | | | | GOBALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.6 | 03.0 | 297 | 30 | 02.1 | 01.0 | 247 | 30 | 02.1 | 01.7 | 013 | 30 | 08.7 | 07.9 | 318 | 30 | 05.6 | 05.4 | 355 | 30 | 03.9 | 03.3 | 215 |
| .15 A.G.L. | 30 | 06.1 | 05.2 | 311 | 30 | 07.6 | 04.3 | 307 | | | | | | | | | | | | | 30 | 08.2 | 06.6 | 210 |
| .3A.M.S.L. | 30 | 06.2 | 05.6 | 310 | 30 | 08.6 | 05.1 | 313 | 30 | 03.9 | 02.6 | 346 | 30 | 06.9 | 06.5 | 302 | 30 | 05.9 | 05.4 | 332 | 30 | 07.3 | 05.5 | 220 |
| .6 ,, | 30 | 06.7 | 06.0 | 305 | 30 | 08.3 | 06.3 | 317 | 30 | 05.5 | 03.9 | 332 | 30 | 07.3 | 06.6 | 305 | 30 | 07.1 | 06.4 | 334 | 30 | 06.0 | 04.3 | 233 |
| .9 ,, | 30 | 07.3 | 06.5 | 303 | 30 | 07.9 | 06.5 | 312 | 30 | 05.9 | 04.5 | 334 | 29 | 04.8 | 03.7 | 319 | 29 | 07.4 | 06.5 | 334 | 30 | 06.1 | 04.6 | 240 |
| 1.5 ,, | 30 | 07.3 | 07.2 | 290 | 30 | 08.4 | 07.8 | 305 | 26 | 07.5 | 05.4 | 344 | 29 | 03.6 | 03.0 | 341 | 28 | 07.2 | 06.0 | 333 | 30 | 04.9 | 03.7 | 248 |
| 2.1 ,, | 30 | 11.9 | 08.5 | 283 | 25 | 07.8 | 07.3 | 290 | 22 | 06.9 | 03.6 | 002 | 29 | 04.1 | 02.0 | 064 | 21 | 06.1 | 04.0 | 346 | 27 | 03.7 | 01.9 | 287 |
| 3.0 ,, | 30 | 11.6 | 11.1 | 276 | 15 | 09.1 | 08.3 | 275 | 09 | 04.0 | 02.4 | 081 | 28 | 05.6 | 04.3 | 092 | 04 | 06.9 | 06.9 | 108 | 19 | 05.7 | 04.0 | 340 |
| 3.6 ,, | 29 | 13.4 | 12.7 | 275 | 03 | 13.0 | 11.8 | 269 | 01 | 02.0 | 02.0 | 130 | 23 | 05.5 | 03.7 | 104 | 01 | 10.5 | 10.5 | 099 | 15 | 07.5 | 05.6 | 347 |
| 4.5 ,, | 23 | 14.0 | 13.1 | 277 | | | | | | | | | 13 | 06.1 | 01.5 | 143 | | | | | 12 | 07.3 | 05.9 | 339 |
| 5.4 ,, | 19 | 14.7 | 13.9 | 284 | | | | | | | | | 03 | 02.8 | 02.2 | 253 | | | | | 11 | 06.4 | 05.6 | 297 |
| 6.0 ,, | 13 | 15.1 | 13.8 | 285 | | | | | | | | | 03 | 04.3 | 03.9 | 271 | | | | | 10 | 08.6 | 07.5 | 287 |
| 7.2 ,, | 05 | 18.6 | 16.8 | 276 | | | | | | | | | 02 | 02.5 | 02.4 | 287 | | | | | 01 | 13.0 | 13.0 | 295 |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | GORAKHPUR | | | | | | | | | | | | | | | | GWALIOR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.6 | 00.4 | 106 | 30 | 02.0 | 01.7 | 276 | 30 | 01.1 | 00.9 | 305 | 30 | 02.0 | 00.5 | 307 |
| .15 A.G.L. | 30 | 07.1 | 03.7 | 297 | 30 | 06.9 | 06.6 | 285 | 30 | 06.0 | 03.5 | 343 | 30 | 03.3 | 01.1 | 318 |
| .3A.M.S.L. | 30 | 08.5 | 04.4 | 303 | 30 | 07.9 | 07.7 | 285 | 30 | 04.6 | 02.2 | 323 | 30 | 03.2 | 01.3 | 306 |
| .6 ,, | 30 | 09.6 | 07.1 | 297 | 30 | 09.8 | 09.5 | 288 | 30 | 06.9 | 04.1 | 352 | 30 | 03.4 | 01.4 | 309 |
| .9 ,, | 30 | 10.1 | 08.2 | 295 | 30 | 10.2 | 10.0 | 290 | 30 | 06.2 | 03.8 | 344 | 30 | 04.0 | 01.6 | 297 |
| 1.5 ,, | 30 | 11.7 | 10.9 | 295 | 30 | 10.4 | 10.1 | 288 | 30 | 05.7 | 03.5 | 302 | 30 | 05.4 | 03.4 | 266 |
| 2.1 ,, | 30 | 13.4 | 11.5 | 294 | 29 | 11.3 | 10.7 | 287 | 27 | 07.2 | 05.8 | 277 | 29 | 06.1 | 04.9 | 265 |
| 3.0 ,, | 26 | 13.7 | 12.1 | 278 | 26 | 12.7 | 11.2 | 294 | 25 | 10.3 | 09.1 | 264 | 27 | 08.5 | 07.5 | 264 |
| 3.6 ,, | 20 | 14.9 | 13.1 | 278 | 19 | 13.6 | 12.0 | 294 | 24 | 12.1 | 10.9 | 258 | 26 | 10.8 | 09.6 | 261 |
| 4.5 ,, | 10 | 12.2 | 10.9 | 273 | 14 | 14.5 | 12.9 | 297 | 22 | 14.1 | 13.1 | 258 | 23 | 12.7 | 11.9 | 263 |
| 5.4 ,, | 04 | 12.0 | 10.5 | 263 | 08 | 15.3 | 12.4 | 299 | 18 | 14.3 | 13.6 | 259 | 22 | 13.9 | 13.0 | 263 |
| 6.0 ,, | 02 | 13.0 | 12.3 | 241 | 06 | 14.3 | 12.3 | 272 | 16 | 16.0 | 15.3 | 263 | 18 | 15.7 | 14.8 | 265 |
| 7.2 ,, | | | | | 03 | 12.3 | 08.7 | 252 | 11 | 20.3 | 20.0 | 263 | 17 | 19.0 | 17.4 | 269 |
| 9.0 ,, | | | | | 02 | 18.5 | 17.2 | 269 | 05 | 26.6 | 25.4 | 260 | 07 | 27.0 | 26.7 | 265 |

| STATION | GWALIOR | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.3 | 02.0 | 300 | 30 | 01.2 | 00.5 | 305 | 30 | 00.5 | 00.5 | 244 | 30 | 02.4 | 01.9 | 287 | 30 | 03.3 | 02.2 | 279 | 30 | 01.3 | 00.4 | 272 |
| .15 A.G.L. | 30 | 05.6 | 04.5 | 303 | 30 | 07.1 | 04.2 | 349 | 29 | 02.2 | 00.5 | 206 | 30 | 03.5 | 02.4 | 272 | 28 | 05.3 | 04.3 | 285 | 26 | 03.4 | 00.7 | 242 |
| .3A.M.S.L. | 30 | 05.0 | 04.0 | 299 | 30 | 06.2 | 03.5 | 346 | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 05.7 | 04.7 | 304 | 30 | 07.5 | 05.0 | 342 | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 05.5 | 04.6 | 304 | 30 | 06.4 | 04.5 | 329 | 29 | 02.2 | 00.4 | 138 | 30 | 03.4 | 02.4 | 273 | 28 | 05.1 | 04.7 | 285 | 26 | 03.3 | 01.3 | 253 |
| 1.5 ,, | 29 | 06.0 | 04.9 | 289 | 30 | 05.7 | 04.5 | 300 | 29 | 05.6 | 05.1 | 261 | 30 | 04.8 | 04.0 | 260 | 28 | 05.8 | 05.5 | 261 | 26 | 06.0 | 05.5 | 264 |
| 2.1 ,, | 29 | 06.1 | 04.9 | 277 | 29 | 06.1 | 05.3 | 274 | 29 | 11.7 | 11.3 | 264 | 29 | 08.3 | 07.8 | 269 | 27 | 08.7 | 08.3 | 258 | 26 | 10.6 | 10.4 | 266 |
| 3.0 ,, | 24 | 06.9 | 06.0 | 267 | 23 | 09.5 | 08.7 | 252 | 26 | 14.0 | 13.3 | 275 | 24 | 14.3 | 13.7 | 278 | 26 | 13.7 | 13.3 | 271 | 19 | 12.3 | 11.6 | 282 |
| 3.6 ,, | 24 | 08.9 | 07.9 | 261 | 10 | 11.6 | 10.7 | 241 | 24 | 14.8 | 14.3 | 277 | 21 | 16.3 | 15.7 | 279 | 23 | 17.0 | 16.5 | 275 | 10 | 12.6 | 12.2 | 287 |
| 4.5 ,, | 22 | 13.1 | 12.2 | 261 | 03 | 09.0 | 08.7 | 258 | 13 | 15.1 | 14.7 | 282 | 13 | 16.9 | 16.4 | 285 | 19 | 16.6 | 16.3 | 280 | | | | |
| 5.4 ,, | 19 | 16.2 | 15.0 | 261 | | | | | 07 | 15.3 | 14.6 | 278 | 12 | 16.9 | 16.5 | 275 | 16 | 17.9 | 17.6 | 279 | | | | |
| 6.0 ,, | 18 | 18.0 | 16.0 | 264 | | | | | 04 | 14.0 | 13.6 | 272 | 11 | 16.6 | 16.2 | 275 | 12 | 17.7 | 17.5 | 274 | | | | |
| 7.2 ,, | 12 | 20.8 | 19.6 | 264 | | | | | 02 | 16.0 | 15.9 | 276 | 11 | 18.6 | 17.8 | 272 | 08 | 18.4 | 18.0 | 279 | | | | |
| 9.0 ,, | 06 | 25.2 | 24.2 | 272 | | | | | | | | | 10 | 25.9 | 24.8 | 271 | 03 | 21.3 | 20.3 | 286 | | | | |

| STATION | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.4 | 00.1 | 214 | 30 | 01.5 | 01.1 | 286 | 30 | 00.6 | 00.1 | 172 | 30 | 00.8 | 00.5 | 149 | 30 | 01.6 | 00.7 | 255 | 30 | 01.5 | 01.2 | 168 |
| .15 A.G.L. | 30 | 05.1 | 00.5 | 144 | 30 | 04.8 | 03.7 | 279 | 30 | 06.5 | 01.4 | 342 | 30 | 05.5 | 04.5 | 201 | 29 | 04.0 | 01.2 | 242 | 29 | 06.3 | 04.9 | 188 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 05.9 | 00.6 | 084 | 30 | 04.9 | 03.8 | 280 | 30 | 06.9 | 01.4 | 338 | 30 | 03.5 | 02.7 | 201 | 29 | 03.0 | 00.9 | 239 | 29 | 04.7 | 03.7 | 185 |
| .9 ,, | 30 | 07.3 | 01.9 | 008 | 30 | 05.2 | 04.4 | 283 | 30 | 08.1 | 02.7 | 321 | 30 | 07.4 | 06.5 | 213 | 29 | 04.2 | 01.5 | 254 | 29 | 06.9 | 05.0 | 191 |
| 1.5 ,, | 30 | 06.0 | 02.7 | 319 | 30 | 05.4 | 04.5 | 282 | 30 | 06.6 | 03.8 | 305 | 30 | 05.0 | 03.9 | 239 | 29 | 04.3 | 01.7 | 240 | 29 | 04.9 | 03.3 | 226 |
| 2.1 ,, | 29 | 06.0 | 04.3 | 281 | 29 | 05.3 | 04.7 | 278 | 28 | 05.1 | 03.9 | 277 | 29 | 03.7 | 02.1 | 295 | 29 | 04.2 | 01.6 | 273 | 28 | 04.5 | 03.0 | 276 |
| 3.0 ,, | 26 | 07.0 | 06.0 | 265 | 28 | 05.5 | 04.7 | 269 | 27 | 06.4 | 05.4 | 260 | 28 | 04.9 | 03.3 | 347 | 28 | 04.4 | 01.8 | 319 | 28 | 04.7 | 02.8 | 316 |
| 3.6 ,, | 25 | 09.0 | 07.1 | 266 | 25 | 06.8 | 05.6 | 261 | 19 | 07.6 | 06.3 | 248 | 27 | 05.7 | 04.2 | 346 | 26 | 04.6 | 02.3 | 330 | 17 | 05.8 | 04.0 | 318 |
| 4.5 ,, | 23 | 10.2 | 08.9 | 267 | 22 | 09.4 | 08.6 | 261 | 05 | 08.2 | 08.0 | 242 | 24 | 06.2 | 05.1 | 334 | 22 | 05.9 | 04.3 | 345 | 10 | 07.5 | 05.9 | 315 |
| 5.4 ,, | 18 | 11.4 | 10.7 | 274 | 16 | 10.6 | 09.5 | 271 | | | | | 22 | 07.5 | 06.0 | 302 | 17 | 06.5 | 04.9 | 316 | 08 | 10.2 | 09.6 | 288 |
| 6.0 ,, | 18 | 12.8 | 12.0 | 260 | 16 | 12.3 | 11.6 | 270 | | | | | 22 | 09.1 | 07.0 | 294 | 15 | 07.9 | 06.0 | 296 | 05 | 09.8 | 09.6 | 276 |
| 7.2 ,, | 12 | 18.4 | 17.6 | 271 | 13 | 13.3 | 12.1 | 272 | | | | | 18 | 12.0 | 10.7 | 286 | 08 | 12.3 | 09.5 | 282 | 03 | 11.3 | 11.2 | 272 |
| 9.0 ,, | | | | | 06 | 20.2 | 19.3 | 274 | | | | | 15 | 14.7 | 13.4 | 285 | 05 | 16.6 | 11.9 | 256 | | | | |

| STATION | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.7 | 00.4 | 005 | 30 | 01.7 | 01.4 | 281 | 30 | 01.3 | 00.9 | 349 | 30 | 00.9 | 00.6 | 256 | 30 | 01.2 | 00.9 | 269 | 30 | 01.9 | 00.3 | 296 |
| .15 A.G.L. | 30 | 05.2 | 02.1 | 356 | 30 | 04.9 | 04.0 | 275 | 30 | 07.2 | 03.9 | 342 | 30 | 03.3 | 02.9 | 258 | 30 | 02.8 | 01.9 | 269 | 30 | 03.9 | 00.5 | 347 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 03.4 | 02.7 | 252 | 30 | 02.7 | 01.8 | 268 | 30 | 03.9 | 00.6 | 351 |
| .6 ,, | 30 | 06.0 | 02.4 | 005 | 30 | 05.3 | 04.4 | 279 | 30 | 07.1 | 04.2 | 343 | 30 | 05.0 | 03.7 | 261 | 30 | 03.0 | 02.4 | 269 | 30 | 03.7 | 01.1 | 296 |
| .9 ,, | 30 | 07.0 | 01.9 | 356 | 30 | 05.2 | 04.2 | 273 | 29 | 06.3 | 03.5 | 334 | 30 | 06.5 | 04.6 | 269 | 30 | 03.6 | 03.1 | 274 | 30 | 03.6 | 01.5 | 291 |
| 1.5 ,, | 30 | 05.4 | 03.6 | 281 | 29 | 04.9 | 04.1 | 276 | 29 | 05.2 | 03.1 | 296 | 30 | 05.9 | 04.3 | 289 | 30 | 05.0 | 03.7 | 287 | 29 | 04.1 | 02.6 | 286 |
| 2.1 ,, | 29 | 06.0 | 05.2 | 270 | 29 | 05.1 | 04.3 | 268 | 28 | 04.9 | 03.8 | 256 | 30 | 05.0 | 03.9 | 286 | 29 | 06.2 | 04.7 | 277 | 28 | 05.3 | 04.5 | 283 |
| 3.0 ,, | 28 | 08.7 | 07.3 | 258 | 25 | 06.2 | 05.1 | 268 | 24 | 07.0 | 06.2 | 242 | 30 | 07.1 | 06.7 | 290 | 22 | 07.1 | 06.1 | 281 | 22 | 07.4 | 06.9 | 289 |
| 3.6 ,, | 28 | 10.7 | 09.0 | 256 | 25 | 07.8 | 06.8 | 264 | 11 | 08.0 | 07.2 | 238 | 29 | 09.7 | 09.2 | 293 | | | | | 16 | 09.2 | 08.9 | 293 |
| 4.5 ,, | 26 | 11.8 | 09.8 | 256 | 22 | 11.7 | 10.6 | 266 | | | | | 26 | 11.4 | 11.0 | 298 | | | | | 13 | 11.8 | 11.4 | 289 |
| 5.4 ,, | 19 | 13.0 | 11.7 | 262 | 20 | 13.9 | 12.7 | 263 | | | | | 22 | 11.6 | 11.1 | 287 | | | | | 12 | 14.4 | 13.7 | 282 |
| 6.0 ,, | 12 | 13.8 | 12.4 | 272 | 14 | 14.5 | 06.0 | 265 | | | | | 20 | 12.7 | 12.3 | 279 | | | | | 10 | 17.3 | 17.1 | 285 |
| 7.2 ,, | 05 | 15.0 | 12.8 | 28[illegible] | 07 | 17.5 | [illegible] | [illegible]51 | | | | | 08 | 17.4 | 17.1 | 273 | | | | | 02 | 26.0 | 25.7 | 293 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 13.0 | 13.0 | 255 | | | | | | | | |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | JHARSUGUDA | | | | | | | | | | | | LUCKNOW/AMAUSI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.6 | 00.5 | 205 | 30 | 02.4 | 01.1 | 202 | 30 | 02.6 | 01.2 | 174 | 30 | 01.1 | 00.8 | 304 | 30 | 04.4 | 03.5 | 294 | 30 | 01.3 | 01.0 | 289 |
| .15 A.G.L. | 30 | 03.7 | 01.9 | 199 | 30 | 04.6 | 02.2 | 215 | 30 | 05.9 | 03.3 | 197 | 30 | 08.0 | 06.7 | 325 | 30 | 07.2 | 06.4 | 289 | 30 | 08.5 | 07.1 | 310 |
| .3A.M.S.L. | 30 | 03.3 | 01.5 | 193 | 30 | 04.2 | 02.2 | 214 | 30 | 04.8 | 02.1 | 191 | 30 | 08.1 | 06.9 | 326 | 30 | 07.0 | 06.7 | 289 | 30 | 08.7 | 07.4 | 311 |
| .6 ,, | 30 | 05.3 | 03.0 | 227 | 30 | 04.8 | 02.5 | 226 | 30 | 06.8 | 04.1 | 209 | 30 | 09.1 | 08.1 | 316 | 30 | 08.4 | 07.9 | 287 | 30 | 09.0 | 07.9 | 310 |
| .9 ,, | 30 | 06.1 | 03.8 | 246 | 30 | 04.5 | 02.9 | 238 | 30 | 07.3 | 04.6 | 222 | 30 | 08.5 | 07.5 | 313 | 30 | 08.4 | 07.9 | 286 | 30 | 08.4 | 07.6 | 306 |
| 1.5 ,, | 30 | 05.6 | 04.0 | 273 | 30 | 04.4 | 03.5 | 260 | 30 | 05.4 | 04.1 | 263 | 30 | 08.9 | 08.4 | 293 | 30 | 08.6 | 08.1 | 284 | 28 | 07.9 | 07.2 | 291 |
| 2.1 ,, | 30 | 05.2 | 04.1 | 283 | 30 | 04.6 | 03.9 | 279 | 28 | 05.3 | 04.2 | 285 | 29 | 10.6 | 10.2 | 283 | 26 | 08.4 | 07.9 | 279 | 23 | 08.5 | 07.7 | 278 |
| 3.0 ,, | 28 | 06.0 | 04.8 | 288 | 28 | 06.0 | 05.5 | 296 | 21 | 05.3 | 04.6 | 304 | 25 | 12.9 | 11.3 | 281 | 25 | 10.0 | 09.3 | 269 | 15 | 09.4 | 07.0 | 256 |
| 3.6 ,, | 27 | 06.8 | 05.7 | 293 | 27 | 07.2 | 06.2 | 299 | | | | | 19 | 13.4 | 12.5 | 279 | 22 | 12.1 | 11.5 | 265 | 02 | 18.0 | 17.5 | 247 |
| 4.5 ,, | 25 | 09.0 | 07.6 | 303 | 22 | 08.8 | 08.1 | 307 | | | | | 13 | 12.6 | 11.9 | 272 | 19 | 14.8 | 14.2 | 264 | | | | |
| 5.4 ,, | 19 | 10.2 | 09.2 | 301 | 19 | 10.4 | 09.6 | 291 | | | | | 09 | 11.6 | 11.0 | 275 | 18 | 17.6 | 16.3 | 267 | | | | |
| 6.0 ,, | 17 | 11.5 | 10.2 | 302 | 14 | 10.6 | 09.8 | 293 | | | | | 05 | 12.8 | 12.0 | 268 | 18 | 18.6 | 17.6 | 266 | | | | |
| 7.2 ,, | 12 | 15.1 | 13.7 | 282 | 10 | 14.9 | 14.1 | 288 | | | | | 04 | 15.7 | 14.6 | 265 | 11 | 21.8 | 18.8 | 268 | | | | |
| 9.0 ,, | 04 | 15.7 | 14.8 | 273 | 05 | 23.2 | 22.8 | 277 | | | | | 03 | 27.0 | 26.7 | 259 | 04 | 27.2 | 20.0 | 280 | | | | |

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.8 | 01.6 | 175 | 30 | 02.4 | 01.4 | 149 | 30 | 05.2 | 04.1 | 122 | 30 | 03.9 | 02.8 | 130 | 30 | 00.6 | 00.4 | 044 | 30 | 05.1 | 04.6 | 288 |
| .15 A.G.L. | 30 | 03.8 | 03.2 | 183 | 30 | 04.0 | 02.4 | 161 | 29 | 06.7 | 06.4 | 128 | 29 | 06.9 | 06.7 | 148 | 30 | 03.0 | 02.3 | 016 | 30 | 06.6 | 06.3 | 290 |
| .3A.M.S.L. | 30 | 04.3 | 03.7 | 181 | 30 | 04.1 | 02.6 | 168 | 29 | 06.0 | 05.6 | 137 | 29 | 07.4 | 07.2 | 152 | 30 | 02.9 | 02.1 | 359 | 30 | 06.8 | 06.5 | 292 |
| .6 ,, | 30 | 05.2 | 04.4 | 181 | 30 | 04.5 | 02.8 | 177 | 29 | 05.0 | 03.6 | 142 | 29 | 06.8 | 06.5 | 154 | 30 | 03.0 | 02.1 | 328 | 30 | 05.6 | 04.9 | 299 |
| .9 ,, | 30 | 05.7 | 04.4 | 175 | 29 | 04.9 | 02.2 | 175 | 29 | 04.5 | 02.3 | 140 | 29 | 06.5 | 04.8 | 151 | 30 | 03.3 | 02.0 | 314 | 30 | 04.1 | 03.3 | 314 |
| 1.5 ,, | 30 | 05.3 | 03.2 | 140 | 27 | 06.3 | 02.3 | 106 | 29 | 04.5 | 02.7 | 090 | 29 | 04.7 | 02.7 | 123 | 28 | 04.7 | 03.0 | 338 | 29 | 03.6 | 02.5 | 015 |
| 2.1 ,, | 30 | 06.7 | 04.4 | 080 | 24 | 08.3 | 06.3 | 073 | 29 | 06.2 | 04.8 | 072 | 29 | 07.1 | 04.9 | 088 | 25 | 04.8 | 02.7 | 048 | 27 | 05.4 | 04.5 | 055 |
| 3.0 ,, | 30 | 08.9 | 07.5 | 050 | 18 | 09.4 | 09.1 | 069 | 29 | 07.6 | 06.8 | 063 | 29 | 07.9 | 06.7 | 066 | 24 | 07.3 | 06.7 | 076 | 24 | 09.3 | 08.5 | 079 |
| 3.6 ,, | 30 | 09.5 | 07.6 | 045 | 15 | 07.7 | 07.0 | 054 | 29 | 07.4 | 06.5 | 052 | 17 | 08.2 | 06.9 | 055 | 23 | 07.3 | 06.6 | 064 | 23 | 08.8 | 08.1 | 082 |
| 4.5 ,, | 30 | 05.8 | 04.5 | 032 | 12 | 05.9 | 04.9 | 066 | 29 | 05.0 | 03.4 | 034 | 08 | 08.1 | 05.5 | 029 | 21 | 04.9 | 03.0 | 077 | 20 | 05.5 | 03.9 | 085 |
| 5.4 ,, | 30 | 05.0 | 02.8 | 050 | 11 | 06.2 | 03.5 | 076 | 29 | 05.0 | 01.8 | 350 | 04 | 06.0 | 02.7 | 295 | 18 | 05.0 | 01.0 | 106 | 16 | 04.5 | 01.8 | 053 |
| 6.0 ,, | 30 | 05.4 | 01.9 | 065 | 11 | 05.6 | 00.9 | 038 | 29 | 05.5 | 02.0 | 332 | 04 | 06.7 | 02.1 | 284 | 17 | 05.1 | 00.2 | 070 | 14 | 05.3 | 02.9 | 083 |
| 7.2 ,, | 30 | 06.1 | 01.1 | 342 | 09 | 07.8 | 04.9 | 322 | 29 | 06.4 | 01.9 | 304 | 01 | 08.0 | 08.0 | 320 | 16 | 06.1 | 02.8 | 304 | 12 | 05.0 | 02.1 | 002 |
| 9.0 ,, | 30 | 09.1 | 06.4 | 280 | 07 | 10.7 | 08.1 | 295 | 29 | 10.0 | 07.7 | 284 | | | | | 08 | 06.7 | 04.3 | 324 | 05 | 07.2 | 02.4 | 280 |

| STATION | MANGALORE/BAJPE | | | | MINICOY | | | | | | | | | | | | | | | | NAGPUR/SONEGAON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.4 | 01.0 | 330 | 30 | 01.8 | 01.7 | 335 | 30 | 02.1 | 01.7 | 330 | 30 | 03.2 | 02.6 | 317 | 30 | 02.2 | 02.1 | 319 | 30 | 02.4 | 01.0 | 281 |
| .15 A.G.L. | 30 | 03.8 | 03.3 | 319 | 30 | 03.7 | 03.2 | 336 | 30 | 03.7 | 03.1 | 343 | 30 | 04.4 | 03.5 | 315 | 30 | 03.6 | 03.1 | 320 | 30 | 05.9 | 01.9 | 302 |
| .3A.M.S.L. | 30 | 04.3 | 03.9 | 318 | 30 | 03.8 | 03.3 | 335 | 30 | 04.1 | 03.4 | 341 | 30 | 04.3 | 03.4 | 317 | 30 | 03.8 | 03.3 | 320 | | | | |
| .6 ,, | 30 | 04.6 | 04.3 | 316 | 30 | 03.8 | 02.7 | 339 | 30 | 04.0 | 02.8 | 348 | 30 | 04.1 | 03.4 | 323 | 30 | 03.6 | 02.6 | 321 | 30 | 06.5 | 01.7 | 278 |
| .9 ,, | 29 | 04.1 | 03.4 | 314 | 29 | 03.7 | 01.5 | 001 | 30 | 03.9 | 02.0 | 009 | 30 | 03.9 | 01.8 | 331 | 30 | 03.6 | 01.3 | 334 | 30 | 07.8 | 02.7 | 260 |
| 1.5 ,, | 27 | 04.3 | 02.0 | 295 | 28 | 04.7 | 02.3 | 074 | 28 | 04.7 | 02.3 | 060 | 30 | 04.7 | 01.7 | 052 | 28 | 04.2 | 02.2 | 055 | 30 | 06.2 | 02.4 | 275 |
| 2.1 ,, | 24 | 04.0 | 02.1 | 054 | 29 | 05.4 | 04.0 | 082 | 27 | 05.9 | 04.3 | 080 | 30 | 05.0 | 04.0 | 070 | 26 | 05.2 | 03.9 | 079 | 30 | 04.4 | 02.2 | 285 |
| 3.0 ,, | 19 | 09.6 | 08.8 | 077 | 28 | 06.5 | 05.6 | 083 | 25 | 07.2 | 06.0 | 076 | 30 | 07.2 | 06.5 | 068 | 21 | 07.2 | 06.2 | 061 | 30 | 04.0 | 02.2 | 271 |
| 3.6 ,, | 11 | 09.7 | 08.9 | 073 | 28 | 05.9 | 05.1 | 087 | 23 | 06.4 | 05.8 | 079 | 30 | 06.3 | 05.5 | 074 | 07 | 06.7 | 06.6 | 092 | 30 | 04.8 | 03.2 | 255 |
| 4.5 ,, | 05 | 07.4 | 06.7 | 059 | 25 | 05.1 | 03.8 | 075 | 22 | 06.0 | 05.3 | 079 | 30 | 04.7 | 03.6 | 065 | 03 | 03.0 | 02.9 | 075 | 30 | 06.5 | 05.8 | 253 |
| 5.4 ,, | 01 | 11.0 | 11.0 | 045 | 23 | 05.3 | 03.9 | 089 | 21 | 05.8 | 04.5 | 090 | 30 | 04.8 | 03.3 | 063 | 01 | 03.0 | 03.0 | 260 | 30 | 08.6 | 07.7 | 263 |
| 6.0 ,, | 01 | 15.0 | 15.0 | 045 | 21 | 05.5 | 02.8 | 078 | 20 | 06.3 | 05.2 | 087 | 30 | 05.6 | 03.4 | 060 | 01 | 04.0 | 04.0 | 305 | 30 | 10.1 | 09.2 | 269 |
| 7.2 ,, | | | | | 19 | 04.8 | 02.6 | 070 | 16 | 04.7 | 02.9 | 082 | 30 | 05.3 | 03.2 | 057 | | | | | 30 | 15.3 | 13.7 | 267 |
| 9.0 ,, | | | | | 16 | 06.6 | 00.9 | 345 | 10 | 05.4 | 00.5 | 264 | 29 | 06.8 | 02.8 | 354 | | | | | 30 | 21.6 | 16.5 | 267 |

| STATION | NAGPUR/SONEGAON | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 00.4 | 283 | 30 | 02.3 | 01.0 | 244 | 30 | 01.6 | 00.5 | 272 | 30 | 03.3 | 02.8 | 326 | 30 | 02.2 | 01.9 | 285 | 30 | 02.7 | 02.3 | 306 |
| .15 A.G.L. | 29 | 03.9 | 01.4 | 281 | 29 | 04.7 | 02.2 | 254 | 30 | 06.7 | 01.5 | 268 | 30 | 07.6 | 06.2 | 338 | 30 | 04.0 | 03.3 | 298 | 30 | 06.0 | 05.4 | 310 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 05.3 | 04.3 | 337 | 30 | 03.4 | 02.9 | 294 | 30 | 03.9 | 03.6 | 302 |
| .6 ,, | 29 | 04.1 | 01.4 | 268 | 29 | 04.7 | 02.3 | 242 | 30 | 07.6 | 01.5 | 247 | 30 | 07.7 | 05.8 | 327 | 30 | 04.6 | 04.0 | 306 | 30 | 06.3 | 05.7 | 305 |
| .9 ,, | 29 | 04.0 | 01.4 | 233 | 29 | 04.4 | 02.3 | 227 | 30 | 07.1 | 01.4 | 252 | 30 | 07.6 | 06.1 | 317 | 30 | 05.7 | 04.8 | 302 | 30 | 06.7 | 06.0 | 302 |
| 1.5 ,, | 28 | 04.3 | 01.9 | 244 | 29 | 04.1 | 03.0 | 244 | 30 | 05.5 | 01.6 | 284 | 30 | 07.9 | 07.1 | 295 | 30 | 07.3 | 06.3 | 296 | 30 | 07.4 | 06.4 | 293 |
| 2.1 ,, | 27 | 04.0 | 02.4 | 253 | 29 | 04.5 | 03.0 | 259 | 30 | 04.8 | 01.9 | 289 | 30 | 08.7 | 07.5 | 287 | 30 | 08.3 | 06.8 | 293 | 30 | 07.0 | 06.0 | 292 |
| 3.0 ,, | 27 | 04.3 | 02.8 | 249 | 29 | 04.9 | 03.8 | 269 | 28 | 04.4 | 02.3 | 278 | 30 | 09.9 | 08.3 | 269 | 23 | 09.4 | 07.9 | 281 | 30 | 08.4 | 07.2 | 277 |
| 3.6 ,, | 26 | 05.1 | 03.3 | 245 | 29 | 05.5 | 04.6 | 269 | 19 | 04.1 | 02.4 | 295 | 30 | 10.6 | 09.3 | 273 | 20 | 10.9 | 09.3 | 286 | 30 | 09.0 | 07.8 | 273 |
| 4.5 ,, | 22 | 06.3 | 04.9 | 261 | 29 | 07.5 | 06.5 | 276 | 05 | 05.6 | 05.0 | 280 | 30 | 11.7 | 10.3 | 261 | 18 | 12.8 | 10.8 | 269 | 30 | 11.8 | 10.0 | 264 |
| 5.4 ,, | 24 | 08.4 | 07.5 | 272 | 29 | 09.1 | 08.3 | 274 | 04 | 05.7 | 03.5 | 276 | 30 | 12.4 | 11.1 | 260 | 15 | 14.7 | 12.2 | 266 | 30 | 13.5 | 12.0 | 266 |
| 6.0 ,, | 23 | 11.3 | 10.0 | 267 | 29 | 10.8 | 10.0 | 269 | 01 | 08.0 | 08.0 | 240 | 30 | 14.4 | 13.3 | 262 | 13 | 16.1 | 13.5 | 274 | 30 | 14.6 | 13.0 | 267 |
| 7.2 ,, | 19 | 15.3 | 14.5 | 266 | 29 | 14.3 | 13.1 | 269 | | | | | 29 | 18.8 | 17.7 | 267 | 06 | 23.2 | 18.7 | 294 | 29 | 19.2 | 17.0 | 268 |
| 9.0 ,, | 17 | 21.4 | 19.7 | 273 | 29 | 19.3 | 18.4 | 268 | | | | | 29 | 27.5 | 25.4 | 266 | 02 | 21.9 | 15.8 | 342 | 29 | 26.1 | 24.3 | 267 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.1 | 00.1 | 196 | 30 | 01.6 | 01.5 | 282 | 30 | 00.9 | 00.9 | 271 | 30 | 00.7 | 00.3 | 097 | 30 | 03.0 | 02.5 | 086 | 30 | 01.7 | 01.0 | 086 |
| .15 A.G.L. | 30 | 03.1 | 02.8 | 290 | 30 | 05.7 | 05.2 | 288 | 30 | 05.3 | 05.1 | 284 | 30 | 03.2 | 01.5 | 053 | 30 | 03.6 | 03.0 | 075 | 30 | 03.3 | 02.0 | 084 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 03.1 | 01.4 | 058 | 30 | 03.7 | 02.8 | 072 | 30 | 03.3 | 01.8 | 079 |
| .6 ,, | 30 | 01.7 | 01.0 | 253 | 30 | 04.0 | 03.7 | 289 | 30 | 03.1 | 02.9 | 266 | 30 | 02.9 | 01.2 | 098 | 30 | 02.9 | 01.4 | 079 | 30 | 02.8 | 01.0 | 038 |
| .9 ,, | 30 | 04.0 | 03.5 | 311 | 30 | 05.7 | 03.2 | 287 | 30 | 06.8 | 06.4 | 298 | 30 | 03.0 | 01.6 | 122 | 30 | 03.0 | 00.9 | 116 | 30 | 03.3 | 01.0 | 046 |
| 1.5 ,, | 30 | 06.7 | 03.9 | 323 | 30 | 05.3 | 04.6 | 293 | 30 | 08.1 | 06.8 | 306 | 30 | 03.8 | 02.7 | 103 | 29 | 03.5 | 02.2 | 094 | 30 | 03.9 | 02.5 | 079 |
| 2.1 ,, | 29 | 05.8 | 00.8 | 256 | 30 | 04.1 | 02.5 | 277 | 30 | 05.1 | 01.6 | 286 | 30 | 05.3 | 04.3 | 097 | 26 | 04.2 | 03.5 | 096 | 30 | 04.4 | 03.4 | 091 |
| 3.0 ,, | 29 | 05.3 | 03.7 | 165 | 28 | 05.0 | 02.4 | 190 | 30 | 05.1 | 03.4 | 139 | 30 | 05.0 | 04.4 | 103 | 22 | 04.9 | 03.7 | 103 | 30 | 04.2 | 02.8 | 089 |
| 3.6 ,, | 26 | 05.6 | 04.5 | 180 | 28 | 05.9 | 02.9 | 185 | 24 | 06.5 | 04.7 | 151 | 30 | 04.2 | 03.0 | 097 | 21 | 04.9 | 03.7 | 107 | 30 | 04.5 | 02.5 | 093 |
| 4.5 ,, | 13 | 05.4 | 04.5 | 243 | 27 | 06.4 | 03.5 | 245 | 14 | 06.4 | 03.9 | 206 | 30 | 04.0 | 01.8 | 111 | 15 | 04.9 | 03.1 | 093 | 30 | 04.1 | 01.9 | 091 |
| 5.4 ,, | 05 | 08.6 | 07.4 | 294 | 23 | 08.7 | 07.4 | 264 | 06 | 07.8 | 03.5 | 236 | 30 | 04.5 | 01.4 | 122 | 12 | 05.1 | 02.8 | 098 | 30 | 05.0 | 02.0 | 087 |
| 6.0 ,, | 04 | 09.7 | 09.0 | 288 | 23 | 09.7 | 08.3 | 269 | 01 | 03.0 | 03.0 | 305 | 30 | 04.4 | 01.0 | 075 | 12 | 05.7 | 02.2 | 116 | 30 | 05.4 | 01.7 | 081 |
| 7.2 ,, | 01 | 21.0 | 21.0 | 285 | 17 | 13.1 | 12.5 | 271 | | | | | 30 | 06.7 | 01.4 | 328 | 07 | 06.3 | 03.5 | 066 | 30 | 05.5 | 00.8 | 151 |
| 9.0 ,, | | | | | 13 | 16.6 | 15.0 | 273 | | | | | 30 | 07.5 | 03.6 | 252 | 05 | 07.2 | 03.7 | 243 | 28 | 08.3 | 01.9 | 164 |

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.6 | 00.1 | 060 | 30 | 01.7 | 01.0 | 230 | 30 | 02.0 | 00.7 | 231 | 30 | 01.8 | 01.3 | 208 | 30 | 02.2 | 00.7 | 095 | 30 | 02.8 | 02.3 | 271 |
| .15 A.G.L. | 30 | 02.7 | 01.0 | 065 | 30 | 07.5 | 03.9 | 243 | 30 | 05.3 | 02.7 | 249 | 30 | 07.2 | 04.5 | 215 | 30 | 06.5 | 02.1 | 095 | 30 | 06.7 | 05.9 | 277 |
| .3A.M.S.L. | 30 | 02.9 | 01.1 | 074 | | | | | | | | | | | | | 30 | 07.5 | 01.9 | 096 | 30 | 07.2 | 06.7 | 276 |
| .6 ,, | 30 | 02.8 | 01.2 | 096 | 30 | 09.2 | 04.7 | 247 | 30 | 05.3 | 03.4 | 245 | 30 | 07.5 | 04.6 | 230 | 30 | 08.9 | 01.2 | 263 | 30 | 08.5 | 08.2 | 277 |
| .9 ,, | 28 | 03.0 | 01.4 | 120 | 30 | 08.1 | 04.1 | 259 | 30 | 05.6 | 03.6 | 248 | 30 | 06.6 | 04.6 | 243 | 30 | 07.6 | 03.6 | 276 | 30 | 08.8 | 08.4 | 276 |
| 1.5 ,, | 26 | 03.6 | 02.3 | 122 | 30 | 06.5 | 03.6 | 276 | 30 | 05.1 | 03.7 | 250 | 30 | 05.1 | 03.9 | 267 | 30 | 08.0 | 07.2 | 279 | 28 | 09.4 | 09.3 | 274 |
| 2.1 ,, | 23 | 03.9 | 02.8 | 103 | 30 | 05.4 | 03.5 | 300 | 30 | 05.2 | 03.8 | 256 | 30 | 04.9 | 03.8 | 281 | 28 | 09.9 | 09.4 | 282 | 22 | 11.1 | 10.2 | 276 |
| 3.0 ,, | 21 | 03.5 | 02.7 | 095 | 30 | 04.6 | 03.8 | 299 | 30 | 05.2 | 04.3 | 285 | 29 | 05.0 | 03.6 | 288 | 22 | 12.0 | 11.7 | 279 | 14 | 11.3 | 11.0 | 283 |
| 3.6 ,, | 17 | 03.3 | 01.8 | 108 | 30 | 05.4 | 04.4 | 296 | 28 | 06.2 | 05.3 | 291 | 21 | 04.4 | 03.4 | 308 | 18 | 13.4 | 13.1 | 281 | 09 | 11.2 | 10.9 | 289 |
| 4.5 ,, | 10 | 03.4 | 01.8 | 129 | 30 | 06.6 | 04.9 | 297 | 27 | 07.5 | 06.7 | 290 | 09 | 06.4 | 05.5 | 305 | 08 | 16.4 | 16.2 | 286 | 05 | 20.6 | 20.4 | 288 |
| 5.4 ,, | 05 | 04.6 | 01.4 | 089 | 23 | 08.7 | 08.1 | 295 | 24 | 08.5 | 07.6 | 288 | 01 | 07.0 | 07.0 | 320 | 04 | 12.0 | 11.7 | 279 | 01 | 12.0 | 12.0 | 295 |
| 6.0 ,, | 03 | 06.0 | 03.3 | 293 | 20 | 10.1 | 08.8 | 282 | 21 | 10.3 | 09.4 | 282 | 01 | 09.0 | 09.0 | 305 | 01 | 09.0 | 09.0 | 290 | 01 | 09.0 | 09.0 | 290 |
| 7.2 ,, | | | | | 17 | 12.8 | 11.5 | 285 | 17 | 15.4 | 14.3 | 279 | 01 | 17.0 | 17.0 | 264 | | | | | 01 | 11.0 | 11.0 | 230 |
| 9.0 ,, | | | | | 05 | 13.6 | 12.8 | 273 | 09 | 19.4 | 18.1 | 283 | | | | | | | | | 01 | 20.0 | 20.0 | 250 |

| STATION | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.7 | 00.2 | 290 | 22 | 02.3 | 00.6 | 322 | 30 | 01.6 | 00.6 | 256 | 30 | 02.8 | 02.1 | 114 | 30 | 04.3 | 03.0 | 146 | 30 | 01.6 | 01.5 | 002 |
| .15 A.G.L. | 28 | 02.4 | 00.2 | 150 | 22 | 03.1 | 01.0 | 310 | 29 | 03.7 | 01.4 | 238 | 30 | 04.0 | 02.3 | 112 | 29 | 05.9 | 04.2 | 150 | 30 | 04.6 | 04.4 | 340 |
| .3A.M.S.L. | | | | | | | | | 29 | 04.1 | 02.0 | 230 | 30 | 04.1 | 02.3 | 119 | 29 | 06.2 | 04.5 | 149 | 29 | 04.4 | 04.0 | 339 |
| .6 ,, | | | | | | | | | 29 | 04.4 | 02.3 | 216 | 30 | 04.2 | 02.5 | 119 | 29 | 06.6 | 04.9 | 150 | 29 | 04.2 | 04.0 | 332 |
| .9 ,, | | | | | | | | | 29 | 04.0 | 02.3 | 188 | 30 | 03.7 | 02.0 | 111 | 29 | 05.7 | 04.0 | 149 | 29 | 04.5 | 03.2 | 332 |
| 1.5 ,, | | | | | | | | | 28 | 03.0 | 00.7 | 058 | 30 | 03.6 | 01.9 | 069 | 29 | 03.7 | 01.6 | 090 | 29 | 04.1 | 02.1 | 020 |
| 2.1 ,, | 28 | 01.8 | 00.4 | 193 | 22 | 04.5 | 01.0 | 306 | 27 | 04.9 | 03.6 | 062 | 30 | 04.6 | 03.2 | 041 | 28 | 04.9 | 03.4 | 052 | 30 | 05.1 | 04.1 | 052 |
| 3.0 ,, | 28 | 04.5 | 02.4 | 130 | 22 | 04.1 | 02.8 | 200 | 26 | 08.4 | 07.7 | 055 | 27 | 07.0 | 06.1 | 050 | 25 | 07.0 | 06.2 | 052 | 29 | 05.8 | 04.9 | 064 |
| 3.6 ,, | 28 | 07.1 | 05.8 | 162 | 22 | 05.5 | 04.2 | 171 | 24 | 08.6 | 07.8 | 061 | 26 | 06.6 | 05.9 | 052 | 19 | 06.7 | 06.3 | 049 | 29 | 06.2 | 05.4 | 063 |
| 4.5 ,, | 28 | 08.1 | 06.1 | 190 | 22 | 08.7 | 06.0 | 168 | 22 | 06.1 | 05.2 | 068 | 21 | 06.4 | 05.3 | 054 | 12 | 04.9 | 03.2 | 058 | 30 | 05.3 | 03.8 | 069 |
| 5.4 ,, | 28 | 11.6 | 08.0 | 230 | 22 | 09.4 | 05.1 | 164 | 20 | 05.5 | 03.7 | 073 | 16 | 06.2 | 04.6 | 067 | 03 | 07.0 | 05.4 | 051 | 30 | 05.7 | 03.3 | 064 |
| 6.0 ,, | 28 | 13.6 | 09.6 | 235 | 21 | 12.4 | 11.1 | 220 | 18 | 06.2 | 04.8 | 071 | 14 | 06.4 | 03.7 | 067 | 01 | 01.0 | 01.0 | 330 | 30 | 05.6 | 03.5 | 065 |
| 7.2 ,, | 28 | 16.0 | 12.5 | 250 | 21 | 14.9 | 12.6 | 262 | 14 | 06.1 | 01.2 | 009 | 08 | 07.3 | 03.5 | 018 | | | | | 30 | 04.9 | 02.0 | 048 |
| 9.0 ,, | 28 | 21.5 | 17.9 | 260 | 19 | 20.8 | 20.0 | 260 | 07 | 10.1 | 06.6 | 339 | 05 | 12.8 | 06.6 | 290 | | | | | 30 | 05.6 | 01.8 | 344 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.3 | 01.7 | 309 | 30 | 04.0 | 03.1 | 277 | 30 | 01.9 | 01.5 | 343 | 30 | 00.4 | 00.3 | 265 | 30 | 01.3 | 00.9 | 255 | 30 | 00.7 | 00.6 | 270 |
| .15 A.G.L. | 30 | 03.6 | 02.7 | 312 | 30 | 05.5 | 04.7 | 279 | 30 | 03.9 | 03.1 | 325 | 30 | 02.9 | 02.0 | 312 | 30 | 04.2 | 01.9 | 237 | 30 | 04.7 | 03.2 | 287 |
| .3A.M.S.L. | 30 | 03.8 | 02.9 | 313 | 30 | 05.7 | 04.5 | 275 | 30 | 04.3 | 03.4 | 319 | | | | | | | | | | | | |
| .6 ,, | 30 | 03.7 | 02.6 | 326 | 30 | 05.0 | 03.0 | 279 | 30 | 04.8 | 03.8 | 311 | | | | | | | | | | | | |
| .9 ,, | 26 | 03.6 | 02.9 | 336 | 30 | 04.1 | 02.1 | 311 | 30 | 04.9 | 03.5 | 314 | 30 | 04.4 | 02.8 | 313 | 30 | 04.7 | 02.8 | 255 | 30 | 05.5 | 03.7 | 289 |
| 1.5 ,, | 18 | 04.2 | 02.7 | 026 | 30 | 04.6 | 03.3 | 035 | 25 | 05.5 | 02.1 | 005 | 30 | 05.0 | 02.8 | 290 | 30 | 05.4 | 03.6 | 258 | 30 | 06.2 | 04.5 | 286 |
| 2.1 ,, | 16 | 05.7 | 04.7 | 057 | 30 | 06.2 | 05.3 | 041 | 20 | 06.4 | 05.5 | 037 | 30 | 05.9 | 03.1 | 250 | 30 | 05.4 | 03.9 | 251 | 30 | 05.0 | 03.9 | 260 |
| 3.0 ,, | 13 | 07.0 | 06.2 | 081 | 29 | 06.7 | 05.8 | 050 | 13 | 07.0 | 06.4 | 080 | 30 | 08.1 | 06.2 | 244 | 30 | 06.3 | 05.2 | 245 | 30 | 06.5 | 04.0 | 235 |
| 3.6 ,, | 09 | 07.1 | 06.1 | 080 | 29 | 06.5 | 05.2 | 056 | 09 | 07.7 | 06.4 | 084 | 30 | 10.1 | 08.8 | 244 | 30 | 07.9 | 06.6 | 247 | 24 | 07.0 | 05.3 | 220 |
| 4.5 ,, | 08 | 05.6 | 04.9 | 079 | 29 | 06.0 | 04.4 | 066 | 05 | 06.8 | 06.1 | 079 | 29 | 11.1 | 09.5 | 258 | 30 | 11.2 | 10.2 | 250 | 12 | 10.8 | 10.0 | 261 |
| 5.4 ,, | 08 | 04.4 | 02.1 | 056 | 29 | 06.6 | 05.2 | 063 | 01 | 08.0 | 08.0 | 063 | 29 | 11.9 | 11.0 | 259 | 30 | 13.7 | 13.0 | 257 | | | | |
| 6.0 ,, | 07 | 03.9 | 02.1 | 077 | 29 | 06.5 | 04.9 | 061 | 01 | 03.0 | 03.0 | 313 | 29 | 12.8 | 11.7 | 262 | 29 | 15.0 | 13.9 | 259 | | | | |
| 7.2 ,, | 03 | 06.0 | 01.5 | 158 | 29 | 06.3 | 02.9 | 039 | | | | | 23 | 16.8 | 15.7 | 268 | 21 | 18.2 | 16.9 | 260 | | | | |
| 9.0 ,, | 03 | 08.7 | 08.3 | 237 | 29 | 05.9 | 02.0 | 335 | | | | | 15 | 22.0 | 20.5 | 271 | 10 | 20.5 | 19.0 | 278 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.6 | 00.5 | 001 | 30 | 03.8 | 03.3 | 281 | 30 | 01.0 | 00.9 | 332 | 30 | 03.8 | 03.1 | 320 | 30 | 08.4 | 08.0 | 280 | 30 | 05.4 | 04.7 | 300 |
| .15 A.G.L. | 30 | 04.0 | 03.1 | 350 | 30 | 05.7 | 05.4 | 288 | 30 | 04.4 | 03.9 | 327 | 30 | 08.9 | 08.3 | 318 | 30 | 09.9 | 09.6 | 282 | 30 | 08.0 | 07.7 | 305 |
| .3A.M.S.L. | 30 | 04.7 | 03.9 | 346 | 30 | 05.9 | 05.4 | 301 | 30 | 05.8 | 05.4 | 337 | 30 | 09.3 | 08.7 | 315 | 30 | 09.2 | 08.7 | 286 | 30 | 08.5 | 08.2 | 308 |
| .6 ,, | 30 | 05.4 | 04.7 | 345 | 30 | 05.1 | 04.4 | 322 | 30 | 06.8 | 06.2 | 346 | 30 | 07.9 | 07.1 | 313 | 30 | 06.5 | 05.7 | 297 | 30 | 08.1 | 07.4 | 307 |
| .9 ,, | 30 | 07.0 | 06.3 | 343 | 30 | 04.7 | 03.9 | 323 | 30 | 07.2 | 06.9 | 336 | 30 | 06.3 | 05.4 | 307 | 30 | 05.2 | 04.3 | 304 | 30 | 05.9 | 04.9 | 304 |
| 1.5 ,, | 29 | 06.8 | 04.5 | 340 | 29 | 03.8 | 02.7 | 340 | 29 | 05.2 | 04.2 | 317 | 30 | 06.3 | 03.6 | 273 | 30 | 05.3 | 03.1 | 329 | 30 | 04.7 | 02.0 | 294 |
| 2.1 ,, | 27 | 04.1 | 00.6 | 129 | 28 | 03.1 | 01.2 | 047 | 28 | 03.4 | 01.1 | 120 | 30 | 07.8 | 05.4 | 256 | 30 | 06.4 | 03.9 | 292 | 30 | 06.7 | 03.7 | 265 |
| 3.0 ,, | 23 | 04.7 | 03.7 | 127 | 28 | 04.4 | 02.7 | 111 | 25 | 05.4 | 04.4 | 117 | 29 | 08.4 | 06.7 | 227 | 30 | 08.1 | 07.1 | 250 | 28 | 08.3 | 06.0 | 236 |
| 3.6 ,, | 18 | 05.8 | 03.9 | 143 | 28 | 05.5 | 03.2 | 116 | 19 | 05.2 | 03.8 | 125 | 09 | 07.3 | 06.0 | 211 | 30 | 08.2 | 07.4 | 242 | 17 | 07.5 | 06.2 | 239 |
| 4.5 ,, | 01 | 07.0 | 07.0 | 250 | 27 | 05.2 | 01.0 | 145 | 05 | 03.2 | 00.6 | 202 | 04 | 08.0 | 06.5 | 203 | 30 | 09.1 | 07.9 | 249 | 10 | 08.1 | 06.3 | 238 |
| 5.4 ,, | | | | | 27 | 05.4 | 01.9 | 273 | | | | | 03 | 07.3 | 06.8 | 269 | 30 | 10.7 | 10.0 | 261 | 03 | 07.7 | 06.8 | 250 |
| 6.0 ,, | | | | | 27 | 06.0 | 03.2 | 279 | | | | | 03 | 10.0 | 09.7 | 270 | 30 | 12.0 | 11.4 | 267 | 03 | 08.3 | 07.8 | 256 |
| 7.2 ,, | | | | | 24 | 08.3 | 07.0 | 281 | | | | | 02 | 18.0 | 17.9 | 275 | 29 | 17.1 | 16.2 | 263 | 01 | 05.0 | 05.0 | 305 |
| 9.0 ,, | | | | | 16 | 11.9 | 11.0 | 290 | | | | | 01 | 31.0 | 31.0 | 285 | 22 | 25.2 | 24.0 | 265 | | | | |

| STATION | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.4 | 00.8 | 129 | 30 | 03.6 | 03.3 | 177 | 30 | 02.5 | 02.2 | 151 | 30 | 03.2 | 02.8 | 294 | 30 | 03.6 | 03.2 | 199 | 30 | 03.8 | 02.7 | 260 |
| .15 A.G.L. | 30 | 04.1 | 03.3 | 176 | 30 | 04.9 | 04.3 | 169 | 29 | 06.1 | 05.9 | 162 | 30 | 05.6 | 04.6 | 294 | 30 | 07.0 | 06.6 | 209 | 30 | 04.9 | 05.5 | 236 |
| .3A.M.S.L. | 30 | 05.3 | 04.5 | 185 | 30 | 04.6 | 04.2 | 171 | 29 | 06.8 | 06.6 | 164 | 30 | 05.6 | 04.5 | 289 | 30 | 06.6 | 05.5 | 222 | 30 | 05.2 | 04.4 | 245 |
| .6 ,, | 30 | 06.4 | 05.4 | 184 | 30 | 04.4 | 03.6 | 169 | 29 | 05.9 | 05.6 | 163 | 30 | 05.7 | 04.6 | 261 | 30 | 05.6 | 04.9 | 241 | 30 | 05.3 | 03.8 | 265 |
| .9 ,, | 30 | 05.8 | 04.9 | 179 | 30 | 03.6 | 02.3 | 167 | 29 | 04.6 | 03.8 | 155 | 30 | 05.7 | 04.6 | 239 | 30 | 05.5 | 04.6 | 240 | 30 | 05.4 | 03.9 | 266 |
| 1.5 ,, | 27 | 05.3 | 04.4 | 133 | 30 | 04.2 | 01.6 | 134 | 29 | 04.8 | 02.7 | 133 | 30 | 04.5 | 02.8 | 224 | 30 | 04.2 | 02.4 | 229 | 30 | 04.6 | 01.7 | 260 |
| 2.1 ,, | 27 | 04.6 | 03.6 | 099 | 30 | 04.7 | 03.0 | 071 | 29 | 04.8 | 02.9 | 098 | 30 | 04.5 | 01.5 | 212 | 30 | 04.1 | 00.7 | 350 | 30 | 04.2 | 01.5 | 015 |
| 3.0 ,, | 25 | 05.0 | 03.6 | 044 | 30 | 05.7 | 05.3 | 056 | 29 | 04.8 | 03.4 | 061 | 30 | 05.0 | 01.2 | 068 | 28 | 04.5 | 02.6 | 029 | 30 | 04.9 | 03.3 | 057 |
| 3.6 ,, | 24 | 05.0 | 04.0 | 035 | 30 | 06.0 | 05.3 | 053 | 21 | 05.3 | 03.7 | 028 | 30 | 05.6 | 00.9 | 036 | 27 | 05.0 | 03.8 | 032 | 30 | 05.3 | 03.4 | 037 |
| 4.5 ,, | 24 | 05.3 | 02.9 | 011 | 28 | 05.3 | 02.3 | 034 | 15 | 05.7 | 04.3 | 359 | 30 | 06.3 | 01.9 | 344 | 22 | 05.2 | 03.5 | 018 | 30 | 06.7 | 03.9 | 357 |
| 5.4 ,, | 21 | 06.7 | 03.4 | 326 | 27 | 07.0 | 03.1 | 310 | 12 | 05.7 | 04.4 | 298 | 30 | 07.0 | 04.3 | 294 | 20 | 05.1 | 04.1 | 046 | 30 | 07.7 | 03.9 | 320 |
| 6.0 ,, | 19 | 07.1 | 04.5 | 292 | 26 | 07.6 | 05.3 | 297 | 08 | 07.5 | 05.9 | 282 | 30 | 08.2 | 05.2 | 286 | 15 | 07.1 | 05.5 | 284 | 30 | 08.3 | 03.5 | 301 |
| 7.2 ,, | 15 | 08.5 | 07.3 | 279 | 22 | 08.9 | 07.0 | 284 | 01 | 09.0 | 09.0 | 315 | 30 | 10.0 | 06.3 | 288 | 09 | 09.4 | 08.5 | 263 | 30 | 11.6 | 08.0 | 291 |
| 9.0 ,, | 10 | 13.9 | 12.4 | 274 | 11 | 15.6 | 11.9 | 272 | | | | | 30 | 14.5 | 11.9 | 278 | 03 | 15.7 | 15.5 | 254 | 30 | 17.3 | 14.7 | 274 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 02.6 | 244 | | | | | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 30 | 06.4 | 06.0 | 235 | | | | | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 30 | 06.9 | 06.4 | 235 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 07.2 | 06.6 | 238 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 29 | 05.5 | 04.4 | 242 | | | | | | | | | | | | | | | | | | | | |
| 1.5 ,, | 24 | 03.0 | 01.4 | 205 | | | | | | | | | | | | | | | | | | | | |
| 2.1 ,, | 21 | 03.1 | 01.4 | 079 | | | | | | | | | | | | | | | | | | | | |
| 3.0 ,, | 20 | 03.7 | 01.8 | 030 | | | | | | | | | | | | | | | | | | | | |
| 3.6 ,, | 08 | 04.8 | 03.0 | 026 | | | | | | | | | | | | | | | | | | | | |
| 4.5 ,, | 05 | 06.2 | 04.2 | 283 | | | | | | | | | | | | | | | | | | | | |
| 5.4 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 km. above sea level.

APRIL

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **AGARTALA** | | |
| | | 1730 Hr. | | |
| 10.5 | 3 | 20.0 | 19.5 | 264 |
| 12.0 | 1 | 28.0 | 28.0 | 255 |
| 14.1 | 1 | 23.0 | 23.0 | 270 |
| | | **AHMADABAD** | | |
| | | 0530 Hr.* | | |
| 10.5 | 23 | 37.3 | 35.2 | 265 |
| 12.0 | 19 | 43.3 | 42.4 | 266 |
| 14.1 | 7 | 41.9 | 40.7 | 271 |
| 16.2 | 1 | 43.0 | 43.0 | 280 |
| | | 1130 hr. | | |
| 10.5 | 6 | 38.5 | 38.1 | 272 |
| 12.0 | 5 | 47.8 | 47.6 | 268 |
| | | 1730 hr.* | | |
| 10.5 | 23 | 36.2 | 35.0 | 265 |
| 12.0 | 20 | 38.5 | 36.5 | 259 |
| 14.1 | 6 | 36.3 | 35.5 | 259 |
| 16.2 | 2 | 19.5 | 19.5 | 249 |
| 18.0 | 1 | 34.0 | 34.0 | 275 |
| | | **ALLAHABAD/ BAMHRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 28.0 | 26.3 | 265 |
| 12.0 | 26 | 33.5 | 31.7 | 260 |
| 14.1 | 13 | 34.7 | 33.1 | 260 |
| 16.2 | 5 | 15.0 | 14.2 | 260 |
| 18.0 | 2 | 14.5 | 12.6 | 260 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 29.6 | 28.1 | 270 |
| 12.0 | 23 | 33.4 | 32.8 | 264 |
| 14.1 | 18 | 33.5 | 31.6 | 263 |
| 16.2 | 2 | 18.5 | 18.5 | 247 |
| | | **AMBALA** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 2.0 | 2.0 | 265 |
| 12.0 | 1 | 30.0 | 30.0 | 300 |
| | | 1130 hr. | | |
| 10.5 | 2 | 22.0 | 19.9 | 323 |
| 12.0 | 1 | 18.0 | 18.0 | 330 |
| 14.1 | 1 | 19.0 | 19.0 | 285 |
| | | 1730 hr. | | |
| 10.5 | 1 | 10.0 | 10.0 | 244 |
| 12.0 | 1 | 15.0 | 15.0 | 266 |
| 14.1 | 1 | 37.0 | 37.0 | 260 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | **AMINI** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 11.0 | 10.1 | 260 |
| 12.0 | 2 | 13.5 | 13.3 | 264 |
| 14.1 | 1 | 20.0 | 20.0 | 250 |
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 13 | 14.4 | 11.9 | 278 |
| 12.0 | 6 | 11.5 | 8.2 | 272 |
| 14.1 | 3 | 7.3 | 4.5 | 216 |
| 16.2 | 2 | 5.5 | 3.9 | 120 |
| | | 1730 hr. | | |
| 10.5 | 1 | 3.0 | 3.0 | 120 |
| 12.0 | 1 | 4.0 | 4.0 | 110 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 17 | 13.0 | 9.6 | 280 |
| 12.0 | 16 | 14.9 | 11.0 | 262 |
| 14.1 | 13 | 13.5 | 8.3 | 258 |
| 16.2 | 11 | 10.7 | 4.5 | 199 |
| 18.0 | 9 | 8.2 | 5.4 | 120 |
| 21.0 | 6 | 9.2 | 8.5 | 098 |
| 24.0 | 1 | 13.0 | 13.0 | 086 |
| | | 1130 hr. | | |
| 10.5 | 7 | 9.9 | 6.9 | 295 |
| 12.0 | 6 | 14.0 | 10.9 | 287 |
| 14.1 | 6 | 19.5 | 14.8 | 266 |
| 16.2 | 5 | 26.4 | 17.7 | 265 |
| 18.0 | 4 | 24.5 | 23.6 | 257 |
| 21.0 | 4 | 17.0 | 14.8 | 244 |
| 24.0 | 3 | 10.7 | 2.7 | 213 |
| 27.0 | 3 | 15.3 | 5.0 | 183 |
| 30.0 | 3 | 20.6 | 6.4 | 198 |
| 33.0 | 2 | 35.5 | 6.5 | 215 |
| | | 1730 hr.● | | |
| 10.5 | 10 | 13.5 | 10.9 | 276 |
| 12.0 | 8 | 15.5 | 12.8 | 263 |
| 14.1 | 5 | 15.2 | 9.4 | 256 |
| 16.2 | 4 | 14.3 | 1.9 | 133 |
| 18.0 | 3 | 10.0 | 2.8 | 233 |
| 21.0 | 2 | 12.0 | 8.6 | 094 |
| | | **BAREILLY** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 17.0 | 17.0 | 284 |
| 12.0 | 1 | 32.0 | 32.0 | 283 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1730 hr. | | |
| 10.5 | 1 | 26.0 | 26.0 | 280 |
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 22.5 | 21.2 | 284 |
| 12.0 | 1 | 26.0 | 26.0 | 260 |
| | | **BHOPAL/ RAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 29.4 | 28.0 | 274 |
| 12.0 | 3 | 31.7 | 29.7 | 271 |
| | | 1730 hr. | | |
| 10.5 | 4 | 32.5 | 32.1 | 265 |
| 12.0 | 2 | 26.0 | 26.0 | 272 |
| 14.1 | 1 | 18.0 | 18.0 | 285 |
| | | **BHUBANESWAR** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 13.0 | 13.0 | 345 |
| 12.0 | 1 | 24.0 | 24.0 | 340 |
| | | 1730 hr. | | |
| 10.5 | 1 | 17.0 | 17.0 | 280 |
| | | **BHUJ/ RUDRAMATA** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 34.5 | 33.9 | 260 |
| 12.0 | 1 | 30.0 | 30.0 | 255 |
| | | 1730 hr. | | |
| 10.5 | 1 | 32.0 | 32.0 | 255 |
| | | **BIKANER** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 23.5 | 21.4 | 288 |
| 12.0 | 1 | 27.0 | 27.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 1 | 33.0 | 33.0 | 245 |
| 12.0 | 1 | 45.0 | 45.0 | 245 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 29.8 | 28.4 | 274 |
| 12.0 | 30 | 32.8 | 30.6 | 270 |
| 14.1 | 22 | 34.4 | 31.9 | 259 |
| 16.2 | 14 | 20.9 | 18.0 | 261 |
| 18.0 | 10 | 18.3 | 13.8 | 267 |
| 21.0 | 5 | 12.6 | 3.3 | 160 |
| 24.0 | 1 | 30.0 | 30.0 | 300 |
| | | 1130 hr. | | |
| 10.5 | 9 | 26.0 | 23.4 | 267 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1130 hr. | | |
| 12.0 | 4 | 28.0 | 25.0 | 283 |
| 14.1 | 1 | 30.0 | 30.0 | 300 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 28.6 | 26.9 | 273 |
| 12.0 | 28 | 29.4 | 28.2 | 265 |
| 14.1 | 20 | 32.3 | 30.0 | 264 |
| 16.2 | 12 | 26.9 | 22.9 | 266 |
| 18.0 | 9 | 17.7 | 14.8 | 249 |
| 21.0 | 3 | 9.0 | 3.4 | 311 |
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 25.8 | 24.7 | 271 |
| 12.0 | 30 | 31.3 | 29.8 | 269 |
| 14.1 | 29 | 26.1 | 25.2 | 260 |
| 16.2 | 27 | 19.9 | 18.1 | 263 |
| 18.0 | 11 | 15.0 | 9.5 | 262 |
| 21.0 | 2 | 6.5 | 5.8 | 299 |
| | | 1130 hr. | | |
| 10.5 | 4 | 20.2 | 19.5 | 276 |
| 12.0 | 2 | 33.5 | 33.4 | 262 |
| 14.1 | 1 | 27.0 | 27.0 | 245 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 28.6 | 27.5 | 265 |
| 12.0 | 30 | 32.8 | 31.2 | 266 |
| 14.1 | 30 | 26.3 | 23.6 | 262 |
| 16.2 | 27 | 18.8 | 17.5 | 266 |
| 18.0 | 12 | 12.7 | 9.6 | 254 |
| 21.0 | 1 | 13.0 | 13.0 | 060 |
| | | **DIBRUGARH/ MOHANBARI** | | |
| | | 1130 hr. | | |
| 10.5 | 1 | 14.0 | 14.0 | 284 |
| 12.0 | 1 | 31.0 | 31.0 | 294 |
| | | 1730 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 284 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 18 | 12.6 | 10.8 | 273 |
| 12.0 | 16 | 17.0 | 12.7 | 269 |
| 14.1 | 13 | 18.9 | 11.8 | 251 |
| 16.2 | 13 | 12.7 | 8.2 | 243 |
| 18.0 | 12 | 7.4 | 3.3 | 189 |
| 21.0 | 9 | 13.7 | 6.3 | 103 |
| 24.0 | 2 | 27.0 | 23.5 | 190 |
| 27.0 | 1 | 28.0 | 28.0 | 160 |

**TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS**

**Winds above 9 km. above sea level.**

**APRIL**

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| | | 1730 hr. | | |
| 10.5 | 5 | 15.4 | 13.2 | 291 |
| 12.0 | 4 | 14.3 | 31.2 | 263 |
| 14.1 | 2 | 21.0 | 20.7 | 296 |
| 16.2 | 2 | 23.5 | 23.3 | 077 |
| 18.0 | 2 | 30.0 | 28.3 | 299 |
| | | **GANGTOK** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 18.0 | 18.0 | 270 |
| 12.0 | 1 | 23.0 | 23.0 | 275 |
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 24 | 29.3 | 27.8 | 266 |
| 12.0 | 20 | 35.8 | 33.5 | 261 |
| 14.1 | 15 | 31.2 | 30.5 | 264 |
| 16.2 | 9 | 24.4 | 21.6 | 251 |
| 18.0 | 6 | 11.3 | 8.7 | 267 |
| 21.0 | 2 | 7.0 | 3.4 | 320 |
| | | 1130 hr. | | |
| 10.5 | 2 | 30.0 | 29.8 | 256 |
| 12.0 | 1 | 29.0 | 29.0 | 270 |
| | | 1730 hr.* | | |
| 10.5 | 25 | 28.1 | 26.4 | 267 |
| 12.0 | 23 | 36.0 | 34.7 | 263 |
| 14.1 | 18 | 31.4 | 29.6 | 260 |
| 16.2 | 10 | 24.3 | 20.6 | 263 |
| 18.0 | 5 | 10.6 | 7.4 | 268 |
| 21.0 | 1 | 6.0 | 6.0 | 005 |
| 24.0 | 1 | 7.0 | 7.0 | 050 |
| | | **GORAKHPUR** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 25.0 | 19.2 | 240 |
| 12.0 | 1 | 25.0 | 25.0 | 205 |
| | | **GWALIOR** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 55.0 | 55.0 | 280 |
| | | 1130 hr. | | |
| 10.5 | 3 | 34.7 | 33.6 | 271 |
| 12.0 | 2 | 35.5 | 34.9 | 277 |
| | | 1730 hr. | | |
| 10.5 | 2 | 27.5 | 26.5 | 292 |
| 12.0 | 1 | 31.0 | 31.0 | 264 |
| 14.1 | 1 | 26.0 | 26.0 | 275 |
| | | **IMPHAL/ TULIHAL** | | |
| | | 1130 hr. | | |
| 10.5 | 9 | 27.2 | 26.1 | 267 |
| 12.0 | 5 | 26.0 | 25.2 | 265 |
| 14.1 | 2 | 21.0 | 20.6 | 270 |
| | | **JAGDALPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 11 | 19.6 | 18.2 | 280 |
| 12.0 | 6 | 21.2 | 19.9 | 265 |
| 14.1 | 5 | 18.8 | 16.7 | 254 |
| 16.2 | 3 | 9.3 | 7.4 | 208 |
| 18.0 | 2 | 5.5 | 5.5 | 100 |
| | | 1730 hr. | | |
| 10.5 | 5 | 22.6 | 17.0 | 266 |
| 12.0 | 2 | 26.0 | 25.8 | 264 |
| | | **JHARSUGUDA** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 18.0 | 18.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 2 | 39.5 | 38.5 | 277 |
| 12.0 | 1 | 48.0 | 48.0 | 281 |
| | | **LUCKNOW/ AMAUSI** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 22.0 | 22.0 | 255 |
| 12.0 | 1 | 33.0 | 33.0 | 255 |
| | | 1730 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 280 |
| 12.0 | 1 | 38.0 | 38.0 | 275 |
| 14.1 | 1 | 49.0 | 49.0 | 275 |
| | | **MADRAS/ MINAMBAKKAM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 12.2 | 9.3 | 264 |
| 12.0 | 30 | 14.1 | 10.1 | 245 |
| 14.1 | 30 | 15.7 | 9.7 | 240 |
| 16.2 | 21 | 10.6 | 3.9 | 160 |
| 18.0 | 14 | 9.6 | 7.5 | 100 |
| 21.0 | 5 | 9.4 | 8.8 | 068 |
| 24.0 | 1 | 21.0 | 21.0 | 075 |
| | | 1130 hr. | | |
| 10.5 | 7 | 14.9 | 12.1 | 265 |
| 12.0 | 5 | 14.6 | 14.3 | 262 |
| | | 1130 hr. (CONTD.) | | |
| 14.1 | 5 | 11.0 | 10.3 | 236 |
| 16.2 | 5 | 6.8 | 2.5 | 075 |
| 18.0 | 5 | 10.0 | 4.1 | 081 |
| 21.0 | 2 | 12.5 | 12.5 | 090 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 12.6 | 9.4 | 258 |
| 12.0 | 29 | 14.7 | 12.7 | 246 |
| 14.1 | 28 | 14.0 | 9.6 | 238 |
| 16.2 | 26 | 10.4 | 3.0 | 208 |
| 18.0 | 21 | 7.9 | 3.2 | 107 |
| 21.0 | 12 | 10.8 | 10.6 | 088 |
| 24.0 | 1 | 11.0 | 11.0 | 105 |
| | | **MANGALORE/ BAJPE** | | |
| | | 0530 hr. | | |
| 10.5 | 4 | 7.5 | 6.7 | 301 |
| 12.0 | 1 | 16.0 | 16.0 | 235 |
| | | 1730 hr. | | |
| 10.5 | 4 | 6.3 | 4.1 | 276 |
| 12.0 | 1 | 9.0 | 9.0 | 225 |
| 14.1 | 1 | 8.0 | 8.0 | 180 |
| 16.2 | 1 | 8.0 | 8.0 | 140 |
| 18.0 | 1 | 6.0 | 6.0 | 130 |
| 21.0 | 1 | 12.0 | 12.0 | 170 |
| | | **MINICOY** | | |
| | | 0530 hr. | | |
| 10.5 | 11 | 9.3 | 5.9 | 213 |
| 12.0 | 8 | 10.4 | 3.9 | 237 |
| 14.1 | 6 | 7.0 | 5.6 | 256 |
| | | 1130 hr. | | |
| 10.5 | 6 | 8.3 | 4.7 | 199 |
| 12.0 | 5 | 10.0 | 4.0 | 211 |
| 14.1 | 2 | 14.0 | 11.4 | 123 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 8.0 | 2.7 | 236 |
| 12.0 | 29 | 11.6 | 4.5 | 195 |
| 14.1 | 28 | 13.7 | 3.9 | 142 |
| 16.2 | 24 | 9.4 | 3.1 | 130 |
| 18.0 | 19 | 10.4 | 8.9 | 091 |
| 21.0 | 12 | 16.3 | 16.0 | 091 |
| 24.0 | 5 | 19.8 | 16.6 | 083 |
| | | **NAGPUR/ SONEGAON** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 26.6 | 24.7 | 265 |
| 12.0 | 30 | 30.4 | 28.7 | 260 |
| 14.1 | 27 | 28.8 | 26.7 | 255 |
| 16.2 | 17 | 22.7 | 21.1 | 257 |
| 18.0 | 9 | 15.1 | 12.2 | 255 |
| 21.0 | 5 | 6.6 | 1.3 | 338 |
| | | 1130 hr. | | |
| 10.5 | 14 | 28.2 | 26.1 | 269 |
| 12.0 | 8 | 33.4 | 32.6 | 260 |
| 14.1 | 2 | 16.0 | 15.9 | 262 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 27.6 | 26.5 | 268 |
| 12.0 | 29 | 30.2 | 27.8 | 264 |
| 14.1 | 24 | 29.6 | 27.1 | 258 |
| 16.2 | 14 | 23.0 | 21.9 | 256 |
| 18.0 | 9 | 15.6 | 10.6 | 263 |
| 21.0 | 6 | 7.2 | 1.0 | 011 |
| 24.0 | 1 | 3.0 | 3.0 | 117 |
| | | **NEW DELHI/ SAFDARJUNG** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 34.0 | 31.2 | 266 |
| 12.0 | 29 | 37.0 | 34.4 | 266 |
| 14.1 | 25 | 29.1 | 27.5 | 273 |
| 16.2 | 16 | 21.4 | 20.9 | 269 |
| 18.0 | 15 | 11.1 | 10.6 | 270 |
| 21.0 | 6 | 8.2 | 7.5 | 315 |
| 24.0 | 1 | 10.0 | 10.0 | 220 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 31.9 | 29.9 | 266 |
| 12.0 | 29 | 35.0 | 32.7 | 266 |
| 14.1 | 25 | 30.2 | 28.7 | 266 |
| 16.2 | 16 | 18.4 | 16.9 | 269 |
| 18.0 | 10 | 10.7 | 7.9 | 292 |
| 21.0 | 5 | 7.6 | 2.4 | 215 |
| | | **POONA** | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 18.4 | 16.8 | 261 |
| 12.0 | 4 | 19.3 | 15.5 | 270 |
| 14.1 | 1 | 15.0 | 15.0 | 205 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 km. above sea level.

APRIL

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| **PORT BLAIR** | | | | |
| 0530 hr.* | | | | |
| 10.5 | 30 | 10.6 | 6.5 | 231 |
| 12.0 | 30 | 11.0 | 7.0 | 241 |
| 14.1 | 26 | 12.4 | 7.2 | 232 |
| 16.2 | 22 | 10.7 | 2.7 | 158 |
| 18.0 | 15 | 8.6 | 7.3 | 113 |
| 21.0 | 7 | 16.3 | 15.9 | 078 |
| 1130 hr. | | | | |
| 10.5 | 4 | 12.3 | 11.0 | 249 |
| 12.0 | 3 | 13.7 | 12.0 | 260 |
| 14.1 | 1 | 14.0 | 14.0 | 276 |
| 16.2 | 1 | 17.0 | 17.0 | 276 |
| 1730 hr.* | | | | |
| 10.5 | 28 | 11.1 | 7.1 | 229 |
| 12.0 | 28 | 11.7 | 8.8 | 227 |
| 14.1 | 23 | 11.3 | 5.8 | 200 |
| 16.2 | 16 | 14.4 | 8.7 | 148 |
| 18.0 | 12 | 10.7 | 6.6 | 078 |
| 21.0 | 7 | 12.5 | 9.9 | 100 |
| **RAIPUR** | | | | |
| 0530 hr. | | | | |
| 10.5 | 1 | 10.0 | 10.0 | 285 |
| 12.0 | 1 | 14.0 | 14.0 | 280 |
| 14.1 | 1 | 18.0 | 18.0 | 225 |
| 1730 hr. | | | | |
| 10.5 | 6 | 21.0 | 19.0 | 279 |
| 12.0 | 1 | 29.0 | 29.0 | 340 |
| 14.1 | 1 | 16.0 | 16.0 | 280 |
| **SRINAGAR** | | | | |
| 0530 hr.* | | | | |
| 10.5 | 28 | 26.0 | 21.4 | 260 |
| 12.0 | 28 | 29.6 | 26.8 | 265 |
| 14.1 | 16 | 29.0 | 27.5 | 265 |
| 16.2 | 3 | 16.7 | 16.7 | 285 |
| 18.0 | 1 | 16.0 | 16.0 | 280 |
| 1730 hr.* | | | | |
| 10.5 | 19 | 27.3 | 22.6 | 265 |
| 12.0 | 19 | 34.6 | 31.5 | 265 |
| 14.1 | 10 | 33.3 | 31.5 | 267 |
| 16.2 | 2 | 25.0 | 20.0 | 267 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| **TIRUCHCHIRAPPALLI** | | | | |
| 0530 hr. | | | | |
| 10.5 | 1 | 12.0 | 12.0 | 270 |
| **TRIVANDRUM** | | | | |
| 0530 hr.* | | | | |
| 10.5 | 30 | 6.2 | 2.5 | 229 |
| 12.0 | 29 | 8.3 | 4.6 | 250 |
| 14.1 | 28 | 11.7 | 3.7 | 217 |
| 16.2 | 22 | 9.4 | 1.8 | 142 |
| 18.0 | 12 | 8.2 | 6.1 | 070 |
| 21.0 | 5 | 15.0 | 14.4 | 090 |
| 24.0 | 1 | 13.0 | 13.0 | 090 |
| 1130 hr. | | | | |
| 10.5 | 3 | 11.0 | 9.8 | 217 |
| 12.0 | 3 | 12.3 | 10.7 | 240 |
| 14.1 | 3 | 15.3 | 13.9 | 239 |
| 16.2 | 2 | 16.5 | 8.1 | 247 |
| 18.0 | 2 | 7.0 | 3.7 | 186 |
| 21.0 | 2 | 11.5 | 8.5 | 126 |
| 1730 hr.* | | | | |
| 10.5 | 28 | 6.9 | 2.5 | 264 |
| 12.0 | 29 | 9.3 | 3.1 | 224 |
| 14.1 | 27 | 12.6 | 2.6 | 204 |
| 16.2 | 22 | 9.5 | 4.6 | 134 |
| 18.0 | 13 | 10.0 | 7.5 | 105 |
| 21.0 | 5 | 19.0 | 18.0 | 100 |
| 24.0 | 1 | 10.0 | 10.0 | 100 |
| **UDAIPUR** | | | | |
| 0530 hr. | | | | |
| 10.5 | 8 | 26.7 | 24.1 | 274 |
| 12.0 | 3 | 31.7 | 30.3 | 293 |
| 1730 hr. | | | | |
| 10.5 | 6 | 26.2 | 24.7 | 281 |
| 12.0 | 3 | 42.3 | 41.5 | 274 |
| **VENGURLA** | | | | |
| 1730 hr. | | | | |
| 10.5 | 6 | 15.3 | 12.9 | 288 |
| 12.0 | 1 | 25.0 | 25.0 | 275 |
| **VERAVAL** | | | | |
| 1730 hr. | | | | |
| 10.5 | 13 | 31.2 | 29.6 | 271 |
| 12.0 | 8 | 32.0 | 30.0 | 262 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|
| **VERAVAL (CONTD.)** | | | | |
| 1730 hr.(CONTD.) | | | | |
| 14.1 | 2 | 27.5 | 24.5 | 287 |
| 16.2 | 1 | 34.0 | 34.0 | 280 |
| 18.0 | 1 | 32.0 | 32.0 | 280 |
| **VIJAYWADA/ GANNAVARAM** | | | | |
| 0530 hr. | | | | |
| 10.5 | 7 | 16.6 | 16.3 | 266 |
| 12.0 | 7 | 17.3 | 16.3 | 260 |
| 14.1 | 3 | 17.0 | 17.0 | 243 |
| 16.2 | 1 | 17.0 | 17.0 | 235 |
| 18.0 | 1 | 5.0 | 5.0 | 195 |
| 1730 hr. | | | | |
| 10.5 | 7 | 19.9 | 19.4 | 265 |
| 12.0 | 2 | 28.0 | 26.8 | 230 |
| **VISHAKHAPATNAM** | | | | |
| 0530 hr.* | | | | |
| 10.5 | 30 | 19.1 | 16.9 | 268 |
| 12.0 | 30 | 22.2 | 18.8 | 254 |
| 14.1 | 25 | 22.8 | 20.4 | 252 |
| 16.2 | 19 | 20.1 | 14.7 | 254 |
| 18.0 | 12 | 20.1 | 11.8 | 288 |
| 21.0 | 3 | 20.3 | 11.4 | 265 |
| 1130 hr. | | | | |
| 10.5 | 3 | 32.3 | 32.0 | 244 |
| 12.0 | 3 | 36.0 | 35.9 | 234 |
| 14.1 | 2 | 37.0 | 36.6 | 234 |
| 16.2 | 2 | 29.0 | 28.7 | 253 |
| 18.0 | 2 | 19.0 | 15.5 | 230 |
| 21.0 | 2 | 12.0 | 12.0 | 076 |
| 24.0 | 1 | 7.0 | 7.0 | 135 |
| 1730 hr.* | | | | |
| 10.5 | 30 | 20.7 | 18.8 | 264 |
| 12.0 | 30 | 21.4 | 18.8 | 249 |
| 14.1 | 22 | 24.1 | 18.5 | 255 |
| 16.2 | 18 | 18.9 | 16.1 | 255 |
| 18.0 | 10 | 13.7 | 9.4 | 270 |
| 21.0 | 5 | 27.8 | 25.1 | 243 |

| Ht. in Km. | n | V | v | D |
|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 14 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 ( Volume IX )

### List of Radiosonde stations in India

| S.No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Allahabad/Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13th December 1946 to 30th November 1947. |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 8. | Minicoy | Fan type | 12th May 1963 | 12 | |
| 9. | Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 10. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 11. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 12. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 13. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 14. | Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

SG/

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 1001 MB) | | | | | | ALLAHABAD/BAMHRAULI ( 994 MB) | | | | | | BANGALORE ( 909 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00055 | 297.6 | 299 | 295 | 286.1 | 28 | 00098 | 297.3 | 303 | 292 | 251.3 | 30 | 00921 | 295.0 | 297 | 291 | 292.7 |
| 1000 | 30 | 00060 | 297.4 | 299 | 294 | 285.8 | 28 | 00041 | | | | | 30 | 00089 | | | | |
| 900 | 29 | 00975 | 298.5 | 303 | 294 | 276.0 | 28 | 00941 | 300.9 | 307 | 297 | 273.1 | 30 | 01008 | 295.0 | 297 | 293 | 291.7 |
| 850 | 29 | 01481 | 295.3 | 299 | 290 | 272.3 | 28 | 01474 | 296.8 | 304 | 293 | 270.4 | 30 | 01503 | 293.8 | 297 | 291 | 287.5 |
| 800 | 29 | 02008 | 291.6 | 294 | 287 | 270.7 | 28 | 02001 | 292.9 | 299 | 289 | 270.4 | 30 | 02025 | 291.6 | 295 | 289 | 281.9 |
| 700 | 29 | 03140 | 283.7 | 286 | 280 | 261.3 | 28 | 03135 | 283.6 | 289 | 279 | 267.0 | 30 | 03155 | 284.6 | 288 | 282 | 275.0 |
| 600 | 29 | 04401 | 275.0 | 278 | 271 | 247.2 | 28 | 04391 | 273.5 | 278 | 268 | 245.0 | 30 | 04424 | 276.4 | 279 | 273 | 267.3 |
| 500 | 29 | 05845 | 264.7 | 269 | 261 | | 28 | 05822 | 263.5 | 268 | 258 | | 30 | 05885 | 269.2 | 271 | 265 | 263.3 |
| 400 | 29 | 07545 | 253.4 | 259 | 247 | | 28 | 07509 | 252.0 | 261 | 245 | | 30 | 07611 | 258.3 | 267 | 253 | |
| 300 | 29 | 09632 | 239.2 | 248 | 233 | | 28 | 09559 | 237.6 | 247 | 230 | | 30 | 09725 | 242.6 | 246 | 239 | |
| 250 | 28 | 10875 | 231.1 | 240 | 225 | | 28 | 10824 | 230.0 | 239 | 223 | | 30 | 10997 | 234.3 | 239 | 229 | |
| 200 | 28 | 12366 | 222.2 | 230 | 215 | | 27 | 12306 | 223.7 | 233 | 215 | | 30 | 12487 | 222.5 | 227 | 219 | |
| 175 | 27 | 13225 | 219.9 | 226 | 210 | | 27 | 13177 | 219.8 | 229 | 213 | | 29 | 13324 | 217.4 | 222 | 213 | |
| 150 | 21 | 14206 | 213.3 | 220 | 207 | | 26 | 14156 | 215.7 | 229 | 207 | | 28 | 14319 | 211.4 | 218 | 206 | |
| 125 | 13 | 15352 | 208.5 | 216 | 203 | | 25 | 15303 | 211.5 | 223 | 205 | | 27 | 15417 | 206.0 | 211 | 201 | |
| 100 | 10 | 16721 | 205.5 | 218 | 198 | | 22 | 16673 | 208.0 | 216 | 199 | | 27 | 16730 | 200.2 | 204 | 195 | |
| 80 | | | | | | | 18 | 18056 | 206.7 | 212 | 199 | | 26 | 18060 | 201.2 | 209 | 197 | |
| 70 | | | | | | | 16 | 18875 | 206.3 | 212 | 197 | | 26 | 18890 | 203.7 | 215 | 199 | |
| 60 | | | | | | | 14 | 19785 | 209.3 | 217 | 202 | | 25 | 19820 | 205.7 | 218 | 200 | |
| 50 | | | | | | | 11 | 20915 | 213.6 | 218 | 207 | | 23 | 20890 | 207.9 | 222 | 202 | |
| 40 | | | | | | | 07 | 22258 | 216.7 | 220 | 211 | | 16 | 22225 | 209.8 | 218 | 205 | |
| 30 | | | | | | | | | | | | | 13 | 24010 | 212.5 | 222 | 207 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1007 MB) | | | | | | CALCUTTA/DUM DUM ( 1005 MB) | | | | | | GAUHATI ( 1001 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00013 | 296.4 | 300 | 293 | 293.8 | 30 | 00006 | 298.9 | 301 | 297 | 295.9 | 30 | 00049 | 294.5 | 297 | 288 | 291.7 |
| 1000 | 30 | 00069 | 297.0 | 300 | 293 | 292.6 | 30 | 00047 | 299.0 | 301 | 296 | 296.0 | 30 | 00061 | 293.8 | 297 | 289 | 291.2 |
| 900 | 30 | 00997 | 296.7 | 304 | 292 | 281.3 | 30 | 00979 | 299.4 | 304 | 295 | 285.3 | 30 | 00977 | 294.2 | 297 | 288 | 285.1 |
| 850 | 30 | 01497 | 295.5 | 299 | 292 | 276.8 | 30 | 01481 | 296.3 | 299 | 293 | 280.8 | 30 | 01470 | 291.8 | 295 | 286 | 282.6 |
| 800 | 30 | 02022 | 292.7 | 297 | 290 | 275.7 | 30 | 02005 | 292.0 | 295 | 289 | 278.3 | 30 | 01987 | 288.4 | 293 | 281 | 278.7 |
| 700 | 30 | 03155 | 284.2 | 288 | 281 | 273.8 | 30 | 03135 | 280.3 | 286 | 278 | 273.0 | 30 | 03107 | 280.8 | 285 | 276 | 270.6 |
| 600 | 30 | 04435 | 275.0 | 282 | 271 | 267.9 | 30 | 04391 | 272.9 | 279 | 268 | 261.9 | 30 | 04358 | 272.9 | 278 | 267 | 255.7 |
| 500 | 30 | 05870 | 265.8 | 268 | 263 | | 30 | 05829 | 264.6 | 269 | 258 | | 29 | 05798 | 264.5 | 270 | 258 | |
| 400 | 30 | 07576 | 255.2 | 260 | 252 | | 30 | 07526 | 253.3 | 259 | 247 | | 29 | 07495 | 253.6 | 261 | 249 | |
| 300 | 30 | 09665 | 240.3 | 247 | 235 | | 30 | 09610 | 240.1 | 249 | 232 | | 27 | 09578 | 239.6 | 248 | 235 | |
| 250 | 30 | 10901 | 232.2 | 237 | 224 | | 30 | 10873 | 232.4 | 240 | 224 | | 27 | 10838 | 231.7 | 239 | 223 | |
| 200 | 30 | 12412 | 221.7 | 229 | 213 | | 30 | 12365 | 223.5 | 230 | 216 | | 27 | 12329 | 224.5 | 237 | 217 | |
| 175 | 28 | 13295 | 216.0 | 226 | 211 | | 30 | 13271 | 218.9 | 225 | 212 | | 27 | 13202 | 220.4 | 228 | 214 | |
| 150 | 28 | 14238 | 210.9 | 222 | 203 | | 29 | 14204 | 213.4 | 221 | 207 | | 27 | 14189 | 216.4 | 224 | 212 | |
| 125 | 25 | 15352 | 205.8 | 214 | 198 | | 28 | 15341 | 208.4 | 218 | 200 | | 26 | 15340 | 211.7 | 219 | 206 | |
| 100 | 24 | 16690 | 201.5 | 211 | 195 | | 28 | 16679 | 204.0 | 215 | 193 | | 21 | 16706 | 207.3 | 216 | 199 | |
| 80 | 20 | 18000 | 203.4 | 212 | 197 | | 15 | 17954 | 203.5 | 213 | 193 | | 20 | 18063 | 204.8 | 210 | 195 | |
| 70 | 17 | 18780 | 206.7 | 214 | 201 | | 14 | 18857 | 205.8 | 217 | 196 | | 16 | 18873 | 206.6 | 211 | 201 | |
| 60 | 15 | 19627 | 210.1 | 217 | 205 | | 09 | 19665 | 209.5 | 218 | 203 | | 11 | 19829 | 209.4 | 215 | 203 | |
| 50 | 12 | 20831 | 212.3 | 219 | 207 | | 08 | 20677 | 214.4 | 216 | 211 | | 11 | 20954 | 213.4 | 219 | 205 | |
| 40 | 08 | 22277 | 217.8 | 223 | 211 | | 05 | 22265 | 218.0 | 221 | 215 | | 08 | 22371 | 218.0 | 222 | 219 | |
| 30 | | | | | | | | | | | | | 05 | 24186 | 224.2 | 282 | 217 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1006 MB) | | | | | | NAGPUR/SONEGAON ( 971 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 981 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00015 | 299.6 | 302 | 297 | 298.0 | 30 | 00311 | 297.0 | 303 | 295 | 283.9 | 30 | 00209 | 292.5 | 302 | 292 | 282.7 |
| 1000 | 30 | 00068 | 299.7 | 301 | 298 | 297.4 | 30 | 00054 | | | | | 30 | 00047 | | | | |
| 900 | 30 | 00995 | 296.1 | 299 | 293 | 286.9 | 30 | 00989 | 300.5 | 305 | 297 | 283.3 | 30 | 00972 | 298.6 | 304 | 292 | 274.4 |
| 850 | 30 | 01499 | 294.0 | 297 | 290 | 281.2 | 30 | 01490 | 296.6 | 301 | 288 | 281.3 | 30 | 01470 | 291.9 | 302 | 289 | 271.5 |
| 800 | 30 | 02015 | 291.3 | 295 | 289 | 276.4 | 30 | 02016 | 292.5 | 297 | 288 | 279.3 | 30 | 01991 | 291.4 | 298 | 285 | 270.3 |
| 700 | 30 | 03144 | 284.0 | 287 | 281 | 271.3 | 30 | 03149 | 283.6 | 287 | 279 | 274.4 | 30 | 03117 | 282.0 | 288 | 275 | 265.4 |
| 600 | 30 | 04413 | 275.8 | 279 | 268 | 270.0 | 30 | 04408 | 273.1 | 277 | 269 | 270.4 | 30 | 04368 | 272.0 | 275 | 265 | 256.5 |
| 500 | 30 | 05870 | 268.2 | 271 | 265 | | 30 | 05836 | 265.1 | 269 | 260 | | 30 | 05794 | 262.0 | 268 | 258 | |
| 400 | 30 | 07591 | 257.4 | 263 | 253 | | 30 | 07549 | 252.5 | 259 | 248 | | 29 | 07467 | 249.7 | 253 | 244 | |
| 300 | 30 | 09701 | 242.0 | 248 | 235 | | 30 | 09626 | 239.3 | 249 | 230 | | 29 | 09510 | 235.2 | 243 | 227 | |
| 250 | 30 | 10968 | 232.7 | 238 | 225 | | 30 | 10891 | 231.6 | 241 | 221 | | 29 | 10746 | 227.2 | 236 | 219 | |
| 200 | 30 | 12456 | 221.4 | 226 | 213 | | 30 | 12375 | 222.3 | 229 | 215 | | 29 | 12208 | 219.9 | 227 | 211 | |
| 175 | 30 | 13306 | 215.5 | 222 | 205 | | 29 | 13224 | 216.5 | 223 | 212 | | 28 | 13067 | 217.0 | 223 | 209 | |
| 150 | 29 | 14267 | 211.9 | 214 | 197 | | 29 | 14231 | 211.4 | 221 | 207 | | 25 | 14054 | 215.3 | 221 | 208 | |
| 125 | 25 | 15369 | 203.2 | 209 | 196 | | 26 | 15297 | 206.7 | 218 | 199 | | 23 | 15197 | 213.0 | 219 | 206 | |
| 100 | 21 | 16705 | 199.4 | 211 | 191 | | 26 | 16652 | 203.0 | 215 | 194 | | 21 | 16589 | 209.5 | 218 | 201 | |
| 80 | 18 | 18045 | 202.9 | 218 | 193 | | 17 | 17985 | 204.3 | 213 | 194 | | 15 | 17966 | 209.8 | 219 | 202 | |
| 70 | 18 | 18853 | 206.4 | 221 | 194 | | 15 | 18798 | 205.7 | 215 | 195 | | 11 | 18780 | 211.0 | 220 | 204 | |
| 60 | 14 | 19777 | 209.2 | 224 | 199 | | 14 | 19974 | 208.9 | 220 | 199 | | 10 | 19713 | 213.6 | 220 | 207 | |
| 50 | 14 | 21903 | 214.4 | 228 | 203 | | 12 | 20843 | 216.2 | 224 | 204 | | 07 | 20767 | 215.1 | 223 | 211 | |
| 40 | 05 | 22106 | 213.4 | 216 | 209 | | 09 | 22259 | 217.2 | 230 | 208 | | | | | | | |
| 30 | | | | | | | 05 | 23988 | 216.8 | 223 | 211 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA
TABLE VI—MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
APRIL 1966. (CHAITRA 11 - VAISAKHA 10, 1888 SAKA)

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | SRINAGAR ( 841 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVENDRUM ( 1000 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00079 | 298.3 | 300 | 296 | 297.0 | 28 | 01588 | 281.0 | 284 | 277 | 280.0 | 30 | 00064 | 299.6 | 301 | 298 | 296.9 |
| 1000 | 30 | 00075 | 297.9 | 299 | 297 | 296.3 | 28 | 00135 | | | | | 30 | 00067 | 299.5 | 301 | 298 | 296.9 |
| 900 | 30 | 00989 | 295.1 | 297 | 292 | 289.2 | 28 | 01026 | | | | | 30 | 00997 | 294.4 | 297 | 292 | 290.7 |
| 850 | 30 | 01489 | 292.8 | 295 | 290 | 286.2 | 28 | 01501 | | | | | 30 | 01488 | 291.5 | 295 | 289 | 287.2 |
| 800 | 30 | 02043 | 290.1 | 292 | 286 | 282.5 | 28 | 01999 | 279.2 | 284 | 275 | 269.0 | 30 | 02007 | 289.2 | 294 | 285 | 283.2 |
| 700 | 30 | 03139 | 283.3 | 288 | 279 | 276.1 | 28 | 03081 | 273.0 | 280 | 268 | 271.2 | 30 | 03132 | 283.5 | 285 | 279 | 274.1 |
| 600 | 30 | 04405 | 276.9 | 282 | 273 | 265.9 | 28 | 04301 | 265.8 | 270 | 261 | | 30 | 04394 | 276.2 | 279 | 273 | 267.4 |
| 500 | 30 | 05862 | 268.5 | 273 | 266 | | 28 | 05697 | 256.3 | 261 | 252 | | 30 | 05855 | 267.9 | 271 | 264 | |
| 400 | 30 | 07583 | 257.6 | 262 | 256 | | 28 | 07339 | 245.3 | 251 | 239 | | 30 | 07575 | 257.6 | 261 | 253 | |
| 300 | 30 | 09695 | 243.0 | 247 | 239 | | 28 | 09343 | 230.7 | 236 | 225 | | 30 | 09686 | 242.2 | 245 | 239 | |
| 250 | 30 | 10978 | 235.3 | 238 | 228 | | 27 | 10555 | 222.4 | 227 | 217 | | 30 | 10957 | 233.1 | 236 | 229 | |
| 200 | 30 | 12455 | 221.7 | 228 | 216 | | 27 | 11983 | 219.2 | 225 | 210 | | 30 | 12444 | 220.8 | 225 | 215 | |
| 175 | 28 | 13321 | 215.8 | 224 | 210 | | 23 | 12842 | 218.6 | 226 | 208 | | 30 | 13291 | 214.6 | 219 | 211 | |
| 150 | 26 | 14286 | 209.8 | 218 | 204 | | 22 | 13835 | 218.1 | 225 | 206 | | 30 | 14254 | 207.9 | 213 | 201 | |
| 125 | 24 | 15388 | 204.3 | 216 | 196 | | 21 | 15015 | 217.1 | 224 | 212 | | 27 | 15331 | 201.7 | 209 | 193 | |
| 100 | 22 | 16720 | 198.5 | 213 | 192 | | 20 | 16413 | 214.9 | 219 | 210 | | 27 | 16653 | 197.4 | 203 | 193 | |
| 80 | 18 | 18007 | 197.5 | 208 | 192 | | 15 | 17806 | 214.1 | 220 | 209 | | 20 | 17949 | 200.7 | 208 | 194 | |
| 70 | 16 | 18775 | 201.5 | 211 | 196 | | 13 | 18635 | 213.8 | 220 | 209 | | 17 | 18765 | 204.5 | 211 | 195 | |
| 60 | 14 | 19730 | 206.5 | 216 | 194 | | 12 | 19603 | 216.3 | 222 | 211 | | 16 | 19687 | 207.5 | 215 | 195 | |
| 50 | 09 | 20743 | 207.9 | 214 | 192 | | 09 | 20740 | 218.2 | 223 | 213 | | 16 | 20805 | 212.3 | 222 | 201 | |
| 40 | | | | | | | | | | | | | 09 | 22185 | 215.7 | 225 | 209 | |
| 30 | | | | | | | | | | | | | 05 | 24066 | 221.6 | 230 | 219 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | VISAKHAPATNAM SURFACE PR ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00041 | 300.3 | 303 | 297 | 297.7 | | | | | | | | | | | | |
| 1000 | 30 | 00066 | 300.2 | 303 | 297 | 293.7 | | | | | | | | | | | | |
| 900 | 30 | 00998 | 298.3 | 303 | 294 | 280.1 | | | | | | | | | | | | |
| 850 | 30 | 01498 | 296.2 | 300 | 292 | 273.3 | | | | | | | | | | | | |
| 800 | 30 | 02024 | 293.4 | 296 | 285 | 281.2 | | | | | | | | | | | | |
| 700 | 30 | 03159 | 284.7 | 289 | 279 | 275.8 | | | | | | | | | | | | |
| 600 | 30 | 04427 | 275.3 | 279 | 272 | 268.3 | | | | | | | | | | | | |
| 500 | 30 | 05879 | 266.6 | 271 | 265 | | | | | | | | | | | | | |
| 400 | 30 | 07600 | 253.6 | 262 | 251 | | | | | | | | | | | | | |
| 300 | 30 | 09711 | 242.7 | 251 | 235 | | | | | | | | | | | | | |
| 250 | 30 | 10986 | 237.6 | 241 | 226 | | | | | | | | | | | | | |
| 200 | 30 | 12488 | 224.6 | 232 | 217 | | | | | | | | | | | | | |
| 175 | 30 | 13345 | 219.2 | 228 | 212 | | | | | | | | | | | | | |
| 150 | 29 | 14336 | 214.5 | 223 | 207 | | | | | | | | | | | | | |
| 125 | 27 | 15430 | 209.2 | 217 | 203 | | | | | | | | | | | | | |
| 100 | 26 | 16847 | 200.6 | 215 | 195 | | | | | | | | | | | | | |
| 80 | 24 | 18216 | 205.0 | 212 | 196 | | | | | | | | | | | | | |
| 70 | 20 | 18975 | 207.6 | 219 | 200 | | | | | | | | | | | | | |
| 60 | 18 | 19910 | 208.9 | 216 | 202 | | | | | | | | | | | | | |
| 50 | 17 | 21017 | 213.3 | 224 | 205 | | | | | | | | | | | | | |
| 40 | 10 | 22401 | 215.4 | 221 | 209 | | | | | | | | | | | | | |
| 30 | 06 | 24237 | 217.3 | 224 | 213 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 999 MB) | | | | | | ALLAHABAD/BAMHRAULI ( 992 MB) | | | | | | BANGALORE ( 907 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00055 | 310.6 | 313 | 307 | 283.6 | 30 | 00098 | 312.3 | 315 | 309 | 283.1 | 30 | 00921 | 305.8 | 308 | 301 | 291.2 |
| 1000 | 30 | 00046 | 309.5 | 313 | 302 | 282.8 | 30 | 00025 | | | | | 30 | 00036 | | | | |
| 900 | 30 | 00994 | 302.7 | 307 | 295 | 276.4 | 30 | 00981 | 304.5 | 309 | 301 | 273.6 | 30 | 00985 | 304.9 | 307 | 300 | 289.3 |
| 850 | 30 | 01499 | 297.9 | 303 | 292 | 273.7 | 30 | 01487 | 299.4 | 305 | 295 | 271.0 | 30 | 01496 | 299.6 | 302 | 296 | 285.6 |
| 800 | 30 | 02028 | 293.7 | 297 | 288 | 272.2 | 30 | 02017 | 294.4 | 299 | 289 | 269.8 | 30 | 02025 | 294.7 | 297 | 291 | 282.5 |
| 700 | 30 | 03158 | 284.2 | 287 | 279 | 263.3 | 30 | 03149 | 283.7 | 288 | 279 | 266.5 | 30 | 03160 | 284.9 | 289 | 282 | 277.8 |
| 600 | 30 | 04425 | 275.5 | 280 | 272 | 254.6 | 30 | 04408 | 273.3 | 277 | 267 | 258.6 | 30 | 04428 | 276.3 | 282 | 273 | 269.1 |
| 500 | 30 | 05873 | 264.1 | 271 | 262 | | 30 | 05845 | 264.1 | 267 | 257 | | 30 | 05885 | 268.6 | 273 | 265 | |
| 400 | 29 | 07574 | 253.9 | 260 | 249 | | 30 | 07535 | 252.9 | 257 | 245 | | 30 | 07610 | 258.0 | 263 | 254 | |
| 300 | 29 | 09656 | 239.6 | 240 | 234 | | 29 | 09598 | 237.7 | 247 | 227 | | 30 | 09723 | 242.3 | 247 | 237 | |
| 250 | 29 | 10915 | 231.8 | 243 | 224 | | 29 | 10841 | 229.5 | 238 | 219 | | 30 | 10995 | 233.7 | 238 | 230 | |
| 200 | 28 | 12404 | 222.6 | 230 | 216 | | 27 | 12329 | 221.7 | 230 | 210 | | 30 | 12489 | 222.9 | 229 | 219 | |
| 175 | 22 | 13270 | 217.6 | 223 | 210 | | 27 | 13208 | 217.8 | 226 | 208 | | 26 | 13329 | 217.0 | 221 | 214 | |
| 150 | 16 | 14256 | 212.1 | 217 | 207 | | 26 | 14165 | 213.4 | 221 | 207 | | 26 | 14314 | 210.9 | 214 | 206 | |
| 125 | 10 | 15397 | 207.8 | 211 | 205 | | 25 | 15322 | 209.6 | 217 | 199 | | 26 | 15408 | 206.1 | 211 | 202 | |
| 100 | 09 | 16748 | 203.3 | 206 | 201 | | 22 | 16659 | 208.1 | 223 | 201 | | 25 | 16702 | 200.2 | 206 | 196 | |
| 80 | 07 | 18028 | 205.6 | 211 | 200 | | 19 | 18000 | 206.9 | 216 | 199 | | 22 | 18078 | 199.9 | 205 | 196 | |
| 70 | 06 | 18819 | 209.0 | 214 | 205 | | 15 | 18881 | 207.8 | 219 | 201 | | 20 | 18879 | 201.6 | 208 | 198 | |
| 60 | 05 | 19809 | 213.6 | 217 | 210 | | 14 | 19779 | 209.6 | 222 | 201 | | 19 | 19801 | 203.8 | 209 | 199 | |
| 50 | | | | | | | 12 | 20889 | 212.2 | 219 | 202 | | 15 | 20841 | 206.9 | 223 | 200 | |
| 40 | | | | | | | 06 | 22305 | 216.8 | 223 | 208 | | 09 | 22192 | 206.3 | 213 | 201 | |
| 30 | | | | | | | | | | | | | 06 | 23959 | 210.2 | 220 | 201 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1005 MB) | | | | | | CALCUTTA/DUM DUM ( 1002 MB) | | | | | | GAUHATI ( 998 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00013 | 303.0 | 305 | 302 | 294.0 | 30 | 00006 | 306.7 | 310 | 303 | 294.6 | 30 | 00049 | 303.9 | 307 | 297 | 292.7 |
| 1000 | 30 | 00063 | 303.0 | 306 | 301 | 293.0 | 30 | 00028 | 306.4 | 311 | 303 | 294.3 | 30 | 00028 | 301.4 | 307 | 297 | 291.6 |
| 900 | 30 | 00994 | 300.0 | 304 | 294 | 281.0 | 30 | 00969 | 301.5 | 307 | 297 | 288.5 | 30 | 00962 | 297.5 | 302 | 292 | 286.5 |
| 850 | 30 | 01496 | 296.6 | 300 | 291 | 279.0 | 30 | 01474 | 298.3 | 301 | 294 | 284.2 | 30 | 01459 | 294.1 | 297 | 290 | 284.4 |
| 800 | 30 | 02023 | 293.0 | 296 | 288 | 275.0 | 30 | 02003 | 294.4 | 299 | 289 | 280.9 | 30 | 01981 | 290.6 | 294 | 287 | 280.5 |
| 700 | 30 | 03154 | 284.0 | 287 | 280 | 276.1 | 30 | 03140 | 284.8 | 288 | 280 | 273.5 | 30 | 03107 | 288.6 | 289 | 279 | 273.0 |
| 600 | 30 | 04420 | 275.3 | 280 | 271 | 266.0 | 30 | 04407 | 275.3 | 279 | 269 | 263.7 | 30 | 04365 | 274.3 | 281 | 270 | 259.3 |
| 500 | 30 | 05872 | 267.5 | 272 | 263 | | 30 | 05856 | 266.5 | 271 | 260 | | 30 | 05812 | 266.2 | 273 | 262 | |
| 400 | 30 | 07585 | 256.5 | 261 | 253 | | 30 | 07565 | 255.5 | 261 | 250 | | 30 | 07519 | 254.8 | 261 | 248 | |
| 300 | 30 | 09685 | 241.8 | 250 | 236 | | 30 | 09661 | 241.3 | 247 | 236 | | 30 | 09609 | 239.5 | 249 | 233 | |
| 250 | 30 | 10955 | 233.2 | 243 | 228 | | 30 | 10932 | 233.9 | 239 | 228 | | 30 | 10870 | 232.9 | 242 | 225 | |
| 200 | 29 | 12451 | 222.8 | 235 | 217 | | 30 | 12434 | 224.9 | 230 | 218 | | 29 | 12359 | 224.7 | 231 | 216 | |
| 175 | 29 | 13314 | 218.4 | 231 | 212 | | 30 | 13316 | 219.8 | 227 | 214 | | 29 | 13236 | 220.2 | 226 | 210 | |
| 150 | 26 | 14291 | 212.6 | 225 | 209 | | 29 | 14284 | 214.4 | 221 | 205 | | 29 | 14180 | 215.6 | 221 | 205 | |
| 125 | 25 | 15419 | 207.2 | 223 | 202 | | 28 | 15436 | 209.5 | 217 | 199 | | 26 | 15346 | 210.7 | 216 | 203 | |
| 100 | 22 | 16767 | 202.5 | 213 | 194 | | 27 | 16773 | 204.6 | 211 | 192 | | 17 | 16725 | 205.5 | 211 | 195 | |
| 80 | 19 | 18097 | 201.5 | 210 | 194 | | 11 | 18112 | 203.4 | 210 | 198 | | 16 | 18055 | 204.7 | 210 | 196 | |
| 70 | 18 | 18859 | 205.1 | 212 | 195 | | 09 | 18894 | 205.0 | 209 | 199 | | 13 | 18733 | 206.9 | 214 | 200 | |
| 60 | 15 | 19827 | 208.9 | 220 | 195 | | 07 | 19785 | 207.6 | 213 | 203 | | 12 | 19844 | 210.0 | 217 | 202 | |
| 50 | 11 | 21004 | 212.9 | 223 | 203 | | 06 | 20904 | 213.0 | 218 | 208 | | 09 | 20985 | 214.0 | 222 | 206 | |
| 40 | 06 | 22411 | 212.8 | 218 | 206 | | | | | | | | 08 | 22467 | 219.5 | 226 | 215 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1004 MB) | | | | | | MINICOY ( 1007 MB) | | | | | | NAGPUR/SONEGAON ( 967 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00015 | 304.6 | 307 | 297 | 297.6 | 30 | 00002 | 303.6 | 304 | 301 | 297.2 | 30 | 00311 | 311.8 | 315 | 305 | 284.7 |
| 1000 | 30 | 00055 | 303.8 | 306 | 297 | 296.8 | 30 | 00067 | 302.6 | 304 | 300 | 296.5 | 29 | 00017 | | | | |
| 900 | 30 | 00985 | 298.7 | 303 | 295 | 284.6 | 30 | 00996 | 294.8 | 298 | 293 | 290.8 | 29 | 00977 | 305.2 | 309 | 301 | 284.4 |
| 850 | 30 | 01486 | 295.7 | 299 | 292 | 279.6 | 30 | 01491 | 292.9 | 297 | 290 | 287.5 | 29 | 01487 | 300.5 | 304 | 297 | 282.2 |
| 800 | 30 | 02014 | 292.7 | 296 | 289 | 276.1 | 30 | 02013 | 290.4 | 293 | 287 | 284.0 | 29 | 02017 | 295.4 | 299 | 292 | 281.0 |
| 700 | 30 | 03146 | 285.0 | 289 | 282 | 270.8 | 30 | 03142 | 284.4 | 287 | 279 | 275.4 | 29 | 03159 | 285.2 | 289 | 282 | 276.4 |
| 600 | 30 | 04418 | 277.1 | 282 | 274 | 264.1 | 30 | 04414 | 277.5 | 282 | 273 | 269.1 | 29 | 04425 | 274.3 | 279 | 271 | 268.4 |
| 500 | 30 | 05883 | 269.1 | 272 | 265 | | 30 | 05877 | 269.8 | 276 | 265 | | 29 | 05871 | 265.5 | 268 | 261 | |
| 400 | 30 | 07608 | 257.9 | 261 | 252 | | 30 | 07607 | 259.1 | 266 | 255 | | 29 | 07572 | 254.1 | 261 | 249 | |
| 300 | 30 | 09725 | 243.3 | 248 | 238 | | 30 | 09762 | 243.6 | 248 | 239 | | 29 | 09654 | 241.5 | 245 | 234 | |
| 250 | 30 | 10999 | 233.7 | 240 | 228 | | 30 | 11006 | 234.6 | 239 | 229 | | 29 | 10912 | 231.0 | 237 | 223 | |
| 200 | 30 | 12494 | 222.5 | 227 | 218 | | 30 | 12501 | 222.6 | 228 | 217 | | 29 | 12462 | 221.3 | 230 | 215 | |
| 175 | 30 | 13349 | 216.3 | 220 | 211 | | 29 | 13343 | 217.4 | 226 | 211 | | 29 | 13239 | 216.3 | 223 | 210 | |
| 150 | 29 | 14326 | 209.7 | 214 | 205 | | 29 | 14335 | 211.1 | 223 | 201 | | 28 | 14210 | 210.7 | 219 | 202 | |
| 125 | 26 | 15400 | 203.5 | 209 | 199 | | 27 | 15419 | 204.3 | 217 | 197 | | 24 | 15312 | 206.3 | 213 | 199 | |
| 100 | 26 | 16738 | 197.8 | 205 | 190 | | 23 | 16757 | 198.0 | 210 | 190 | | 20 | 16178 | 203.1 | 211 | 194 | |
| 80 | 24 | 18038 | 198.8 | 208 | 193 | | 19 | 18066 | 200.7 | 213 | 196 | | 17 | 17958 | 203.7 | 212 | 198 | |
| 70 | 23 | 18833 | 201.4 | 213 | 192 | | 16 | 18885 | 204.7 | 216 | 196 | | 16 | 18762 | 206.7 | 216 | 198 | |
| 60 | 21 | 19733 | 205.2 | 218 | 197 | | 15 | 19817 | 209.2 | 219 | 197 | | 14 | 19707 | 210.2 | 221 | 204 | |
| 50 | 17 | 20824 | 209.0 | 215 | 202 | | 13 | 20920 | 213.5 | 222 | 204 | | 13 | 20849 | 215.0 | 227 | 208 | |
| 40 | 09 | 22236 | 214.0 | 219 | 208 | | 08 | 22374 | 217.0 | 227 | 208 | | 06 | 22245 | 217.3 | 221 | 211 | |
| 30 | | | | | | | 05 | 24181 | 221.2 | 228 | 213 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
APRIL 1966.(CHAITRA 11 - VAISAKHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NEW DELHI/SAFDARJUNG SURFACE PR ( 980 MB) | | | | | | PORT BLAIR ( 999 MB) | | | | | | SRINAGAR ( 833 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00209 | 307.8 | 311 | 304 | 281.9 | 30 | 00079 | 301.9 | 303 | 299 | 297.1 | 22 | 01588 | 289.1 | 293 | 282 | 281.9 |
| 1000 | 30 | 00029 | | | | | 30 | 00067 | 301.2 | 302 | 301 | 299.8 | 22 | 00095 | | | | |
| 900 | 30 | 00973 | 302.0 | 307 | 296 | 275.2 | 30 | 00989 | 295.2 | 298 | 293 | 290.8 | 22 | 01007 | | | | |
| 850 | 30 | 01476 | 297.4 | 301 | 291 | 271.6 | 30 | 01484 | 292.7 | 296 | 290 | 286.4 | 22 | 01492 | | | | |
| 800 | 30 | 02001 | 292.8 | 297 | 286 | 271.1 | 30 | 02004 | 289.9 | 293 | 287 | 282.9 | 22 | 01998 | 279.5 | 290 | 278 | 277.8 |
| 700 | 30 | 03127 | 282.5 | 287 | 276 | 266.3 | 30 | 03129 | 283.8 | 288 | 280 | 275.8 | 22 | 03101 | 275.9 | 282 | 270 | 268.4 |
| 600 | 30 | 04381 | 272.3 | 277 | 265 | 260.3 | 30 | 04397 | 276.6 | 280 | 273 | 267.1 | 22 | 04328 | 271.8 | 273 | 261 | 268.0 |
| 500 | 30 | 05813 | 262.3 | 267 | 257 | | 30 | 05854 | 268.2 | 271 | 264 | | 21 | 05732 | 258.0 | 262 | 253 | |
| 400 | 30 | 07491 | 250.2 | 255 | 245 | | 28 | 07578 | 257.7 | 263 | 249 | | 21 | 07388 | 247.6 | 254 | 243 | |
| 300 | 30 | 09539 | 235.2 | 243 | 228 | | 28 | 09687 | 243.0 | 251 | 234 | | 20 | 09409 | 232.5 | 240 | 225 | |
| 250 | 30 | 10775 | 227.6 | 236 | 219 | | 28 | 10961 | 233.5 | 243 | 225 | | 20 | 10692 | 224.9 | 233 | 215 | |
| 200 | 30 | 12245 | 219.9 | 228 | 210 | | 28 | 12451 | 222.1 | 227 | 215 | | 20 | 12083 | 219.9 | 231 | 210 | |
| 175 | 27 | 13095 | 216.4 | 227 | 208 | | 28 | 13303 | 215.6 | 224 | 208 | | 18 | 12939 | 218.8 | 229 | 209 | |
| 150 | 27 | 14071 | 214.4 | 224 | 209 | | 25 | 14286 | 209.8 | 219 | 202 | | 14 | 13953 | 219.0 | 225 | 212 | |
| 125 | 24 | 15221 | 210.6 | 219 | 205 | | 22 | 15392 | 202.8 | 211 | 196 | | 12 | 15119 | 217.4 | 225 | 212 | |
| 100 | 19 | 16580 | 207.0 | 215 | 202 | | 19 | 16703 | 190.7 | 204 | 192 | | 11 | 16615 | 215.9 | 221 | 207 | |
| 80 | 15 | 17947 | 208.8 | 215 | 203 | | 13 | 18031 | 199.1 | 209 | 194 | | 08 | 17981 | 215.5 | 220 | 211 | |
| 70 | 10 | 18763 | 209.1 | 215 | 205 | | 13 | 18811 | 201.5 | 213 | 195 | | 05 | 18678 | 213.6 | 217 | 211 | |
| 60 | 07 | 19678 | 211.1 | 220 | 207 | | 09 | 19722 | 204.1 | 211 | 200 | | | | | | | |
| 50 | 06 | 20799 | 215.0 | 224 | 211 | | 07 | 20865 | 209.0 | 216 | 202 | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | TRIVANDRUM SURFACE PR ( 999 MB) | | | | | | VISHAKHAPATNAM ( 1001 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00064 | 303.9 | 305 | 299 | 297.9 | 30 | 00041 | 303.0 | 304 | 301 | 298.7 | | | | | | |
| 1000 | 30 | 00055 | 304.0 | 305 | 303 | 296.7 | 30 | 00054 | 303.3 | 304 | 301 | 298.4 | | | | | | |
| 900 | 30 | 00989 | 296.1 | 299 | 293 | 292.2 | 30 | 00988 | 299.9 | 303 | 295 | 286.8 | | | | | | |
| 850 | 30 | 01486 | 293.1 | 296 | 291 | 289.5 | 30 | 01491 | 297.1 | 301 | 294 | 281.8 | | | | | | |
| 800 | 30 | 02010 | 290.1 | 293 | 287 | 286.1 | 30 | 02019 | 293.9 | 300 | 289 | 279.6 | | | | | | |
| 700 | 30 | 03137 | 284.5 | 287 | 282 | 276.8 | 30 | 03154 | 284.5 | 288 | 282 | 276.6 | | | | | | |
| 600 | 30 | 04610 | 277.3 | 282 | 275 | 269.7 | 30 | 04423 | 276.0 | 279 | 272 | 268.4 | | | | | | |
| 500 | 30 | 05872 | 269.5 | 272 | 267 | | 30 | 05879 | 267.6 | 271 | 263 | | | | | | | |
| 400 | 30 | 07604 | 258.7 | 264 | 254 | | 30 | 07593 | 256.7 | 261 | 252 | | | | | | | |
| 300 | 30 | 09728 | 244.2 | 251 | 240 | | 30 | 09699 | 242.2 | 247 | 235 | | | | | | | |
| 250 | 30 | 11009 | 234.5 | 242 | 231 | | 30 | 10970 | 234.3 | 239 | 227 | | | | | | | |
| 200 | 30 | 12507 | 223.0 | 227 | 218 | | 30 | 12470 | 223.9 | 231 | 217 | | | | | | | |
| 175 | 29 | 13353 | 216.0 | 221 | 211 | | 28 | 13329 | 218.6 | 222 | 210 | | | | | | | |
| 150 | 29 | 14333 | 210.0 | 216 | 203 | | 25 | 14316 | 213.4 | 220 | 201 | | | | | | | |
| 125 | 23 | 15399 | 203.0 | 207 | 195 | | 22 | 15426 | 208.1 | 214 | 200 | | | | | | | |
| 100 | 22 | 16742 | 197.9 | 203 | 193 | | 21 | 16802 | 204.4 | 212 | 197 | | | | | | | |
| 80 | 15 | 18013 | 201.0 | 207 | 194 | | 19 | 18155 | 205.4 | 223 | 193 | | | | | | | |
| 70 | 14 | 18822 | 205.1 | 217 | 197 | | 17 | 18994 | 208.9 | 227 | 203 | | | | | | | |
| 60 | 11 | 19747 | 208.1 | 217 | 201 | | 15 | 20626 | 212.0 | 229 | 205 | | | | | | | |
| 50 | 08 | 20889 | 212.1 | 218 | 205 | | 12 | 21013 | 215.8 | 231 | 208 | | | | | | | |
| 40 | 07 | 22280 | 218.3 | 227 | 210 | | 06 | 22500 | 218.7 | 225 | 214 | | | | | | | |
| 30 | 05 | 24170 | 224.4 | 230 | 215 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

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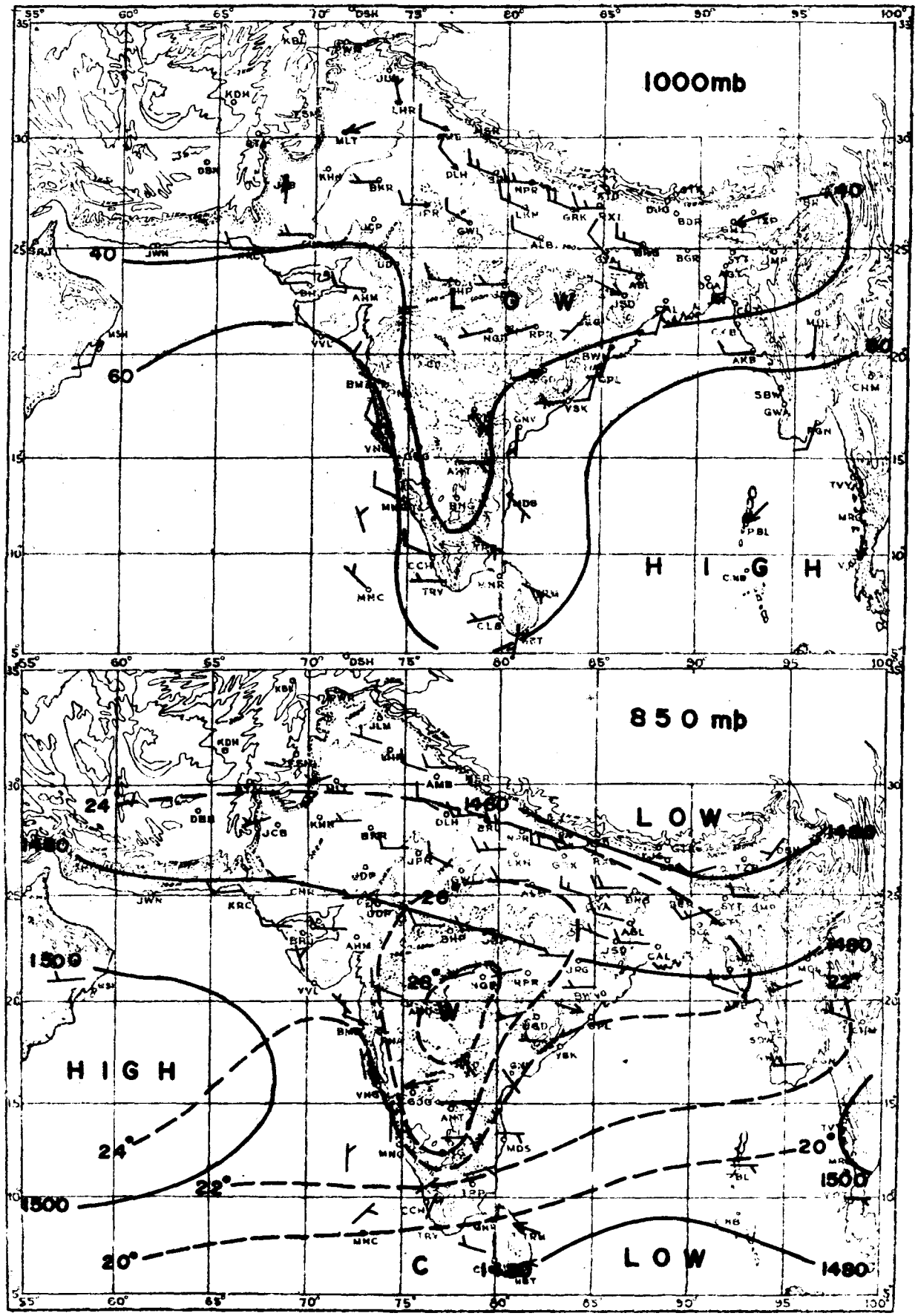
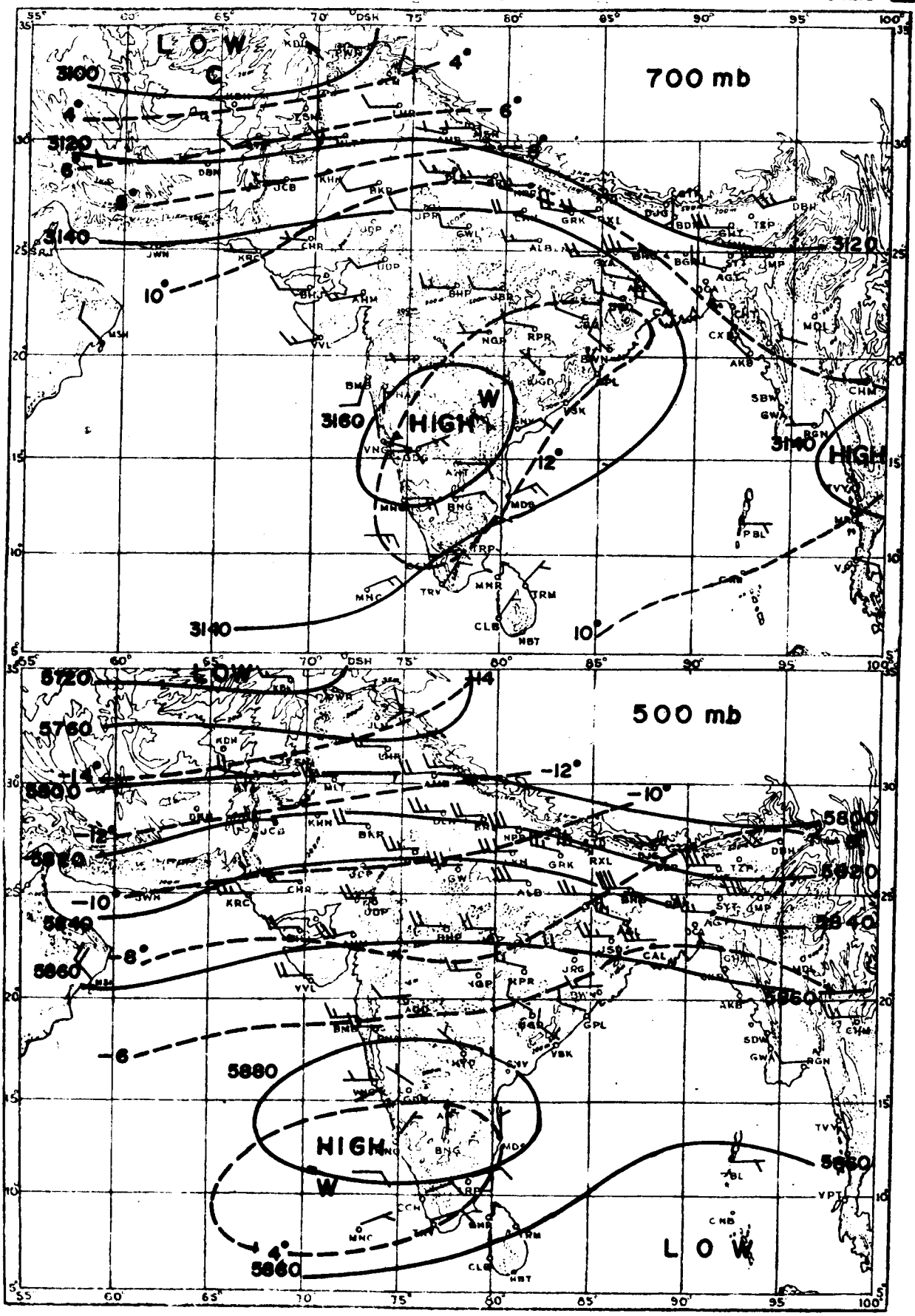



RESULTANT WIND —— 5 Knots, ---- 10 Knots, —— 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres

# APRIL 1966






RESULTANT WIND — 5 Knots. — 10 Knots. — 50 Knots.

- - - - - - - - Isotherms in degrees centigrade. ———— Contours in geopotential metres.

G PZ. P POONA. 1971

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## MAY 1966

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U. S. Dept. of Commerce

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# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## MAY

# MONTHLY WEATHER REPORT

## FOR

## MAY - 1966

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** ** **

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES

## II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| ≠ | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Height provisional. |

# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## MAY

Published by authority of the Government of India

Chief features :-

i) Movement of last month's severe cyclonic storm in the southwest Bay of Bengal into the Peninsula causing a spell of heavy rains there.

ii) Good thundershowers over northwest India due to four western disturbances moving eastwards across the area.

iii) Sub-normal seasonal thundershower activity over northeast India with two main spells of activity.

iv) Formation and movement of a depression in the Bay of Bengal in the third week.

v) Advance of the southwest monsoon into the southern parts of the Bay of Bengal and of the Arabian Sea during the last week; and

vi) Moderate heat wave conditions over coastal Andhra Pradesh.

The severe cyclonic storm which was lying over the southwest Bay of Bengal on 30th April moved westwards and crossed the north Madras coast just north of Cuddalore on the morning of 1st May. It immediately weakened into a depression and moved northwestwards till the morning of 3rd. Thereafter it took a northerly course and recurved eastnortheastwards and weakened into a low pressure area by the morning of 5th over north Telangana and Vidarbha. Weakening further, the system continued to move eastnortheastwards as an upper air trough to West Bengal where it became unimportant by 10th. Under its influence, widespread rainfall with a number of heavy to very heavy falls occurred over the Peninsula, Cuddalore recording an exceptionally heavy fall of 35 cm. of rain on 1st. The central parts of the country also received fairly widespread rainfall, whereas the thundershower activity over northeast India increased considerably. Some of the noteworthy rainfalls recorded were : Kallakkurichchi 10 cm. and Madras 9 cm. on 1st, Palghat 10 cm. and Bangalore and Hassan 9 cm. each on 2nd, Honavar 19 cm., Belgaum and Panjim 15 cm. each, Goa 14 cm., Karwar 11 cm., Kolhapur 10 cm. and Gadag 8 cm. on 3rd, Panjim 16cm., Belgaum 15 cm., Goa 10 cm., Miraj and Mahabaleshwar 9 cm. each and Sholapur 8 cm. on 4th, Jabalpur 9 cm. and Silchar 8 cm. on 5th, Jalpaiguri 10 cm. on 7th, Silchar 9 cm. on 9th and Kailashahar 9 cm. and Agartala 8 cm. on 10th. According to press reports, normal life at many places was affected due to the heavy rains in the states of Madras, Mysore and in south Maharashtra State. Rail and air traffic services were also disrupted in the Madras State.

Four western disturbances moved across northwest India causing spells of good precipitation there. The first western disturbance lay over the northern divisions of West Pakistan on 7th and was feeble. It moved away eastwards across the Western Himalayas by 9th. The next western disturbance which followed immediately behind, lay over the northern divisions of West Pakistan and the adjoining Punjab on 11th. It was quite active and persisted over the Punjab and neighbourhood on the next two days. It finally moved away eastwards across the Western Himalayas by 14th. Under the influence of these two systems, there was good precipitation with duststorms at a number of places over northwest India and Uttar Pradesh during the second week. Gujarat State also received isolated thundershowers on two days. According to press reports, Simla, Mussoorie and Jullunder were hit by hailstorms, causing damage to standing crops. The Delhi-Srinagar flight of the IAC had to be suspended for 4 days due to bad weather. The remaining two western disturbances of the month appeared during the last week. Of these, the earlier disturbance was feeble and moved eastwards across the Punjab and Western Himalayas during the period 25th-26th causing a few light showers over the extreme north of the country. The last western disturbance appeared over the northern divisions of West Pakistan on 28th and was lying over the Punjab and Jammu and Kashmir on 31st. It was fairly active and caused well distributed light to moderate rainfall over most parts of northwest India.

The seasonal thundershower activity over northeast India was subnormal till about 20th. After the initial spell of thundershowers during the first ten days of the month as mentioned earlier, a spell of dry weather followed over northeast India, which was broken by the middle of the third week by a depression from the Bay of Bengal.

A low pressure area developed over the Andaman Sea on 16th and concentrated into a depression by the morning of 17th with centre near Lat. 14°N and Long. 96°E. Moving northwestwards, it weakened into a trough of low pressure over the east central and adjoining northeast Bay of Bengal by the evening of 18th. Later, the trough moved away northeastwards across central Burma. Under its influence, there was good rainfall in the Bay Islands during the third week with heavy rains on one or two days. Port Blair recorded 11 cm. of rain on 17th and 7 cm. on 18th and Long Island 7 cm. on 17th.

The seasonal thundershower activity was quite good over Assam and Sub-Himalayan West Bengal during the last week. The remaining parts of northeast India also received isolated thundershowers during this period. Some of the noteworthy amounts of rainfall recorded were : Jalpaiguri 7 cm. on 21st, Tura 8 cm. on 22nd, Mohanbari and Pasighat 7 cm. each on 25th, Silchar 11 cm. on 26th, Cooch Behar 12 cm., Silchar and Kailashahar 11 cm. each, Majbat 9 cm.and Goalpara 7 cm. on 27th, Rangiya 16 cm. and Haflong 13 cm. on 28th, Silchar 17 cm. on 29th and Pasighat 7 cm. on 31st. According to press reports, the level of the Brahmaputra began to rise due to the persistent heavy rains in the upper reaches.

After the spell of rainfall that occurred in the early part of the month in association with the movement of the severe cyclonic storm from the Bay of Bengal, the seasonal thundershower activity over the Peninsula and the central parts of the country remained below normal for the rest of the month.

The southwest monsoon advanced into the Andaman Sea and over most parts of the south Bay of Bengal by 26th. The Arabian Sea branch of the monsoon also advanced upto Lat. 8°N by the end of the month.

As a result of the good rainfall activity caused by the severe cyclonic storm from the Bay of Bengal, day temperatures remained markedly below normal over the Peninsula and central parts of the country till 5th and later over northeast India till 9th. They were as much as 10-17°C below normal over the northwestern parts of the Peninsula and Vidarbha on 3rd-5th.

Another spell of below-normal day temperatures occurred during the period 10th-15th when the entire country outside the south Peninsula was affecfted, with temperatures markedly below normal over northwest India and west Uttar Pradesh. The Punjab and adjoining areas experienced day temperatures as much as 10-15°C below normal from 11th to 13th. Day temperatures were above normal over northwest India and Gujarat State on a number of days during the first week and over northeast India in the earlier part of the first week and again at the middle of the month. They were markedly above normal over Gujarat State from 15th to 17th. From 18th to 28th, day temperatures were above normal over practically the entire country except the northwestern parts of the Peninsula on a few days. Moderate heat wave conditions prevailed over coastal Andhra Pradesh from 21st to 28th. According to press reports, 14 people died due to sunstroke in Khammam district. A few deaths were also reported from Sambalpur in Orissa and from Kanpur.

Rainfall was in large excess in west Uttar Pradesh, Punjab,Himachal Pradesh, Rajasthan, Konkan, Madhya Maharashtra, Marathwada, Vidarbha and north Interior Mysore. It was in moderate excess in Jammu and Kashmir and East Madhya Pradesh; in slight excess in Bay Islands and Madras State; normal in South Assam, Bihar Plains and South Interior Mysore; in slight defect in North Assam, Sub-Himalayan West Bengal, Coastal Andhra Pradesh, Rayalaseema and Coastal Mysore and in moderate defect in west Madhya Pradesh. It was in large defect over the rest of the country.

The mean maximum temperature was above normal in North Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Coastal Andhra Pradesh and Madras State; below normal in Madhya Maharashtra, and normal over rest of the country.

The mean minimum temperature was above normal in Himachal Pradesh, below normal in Bihar Plains, West Uttar Pradesh, Punjab, Jammu and Kashmir, West Rajasthan, Madhya Maharashtra, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean Relative Humidity in the morning was below normal in Gangetic West Bengal, Bihar, Saurashtra and Kutch, Coastal Andhra Pradesh and Telangana and normal over the rest of the country.

The mean Relative Humidity in the evening was above normal in Jammu and Kashmir, and below normal in Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Bihar Plateau, Coastal Andhra Pradesh, Telangana, Kerala and Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Bihar, East Uttar Pradesh, East Rajasthan, East Madhya Pradesh, Saurashtra and Kutch, Madhya Maharashtra, Marathwada, Vidarbha, Telangana and Rayalaseema. It was normal over the rest of the country.

The mean cloud amount in the evening was normal in Bay Islands, South Assam, Gujarat, Konkan, Coastal Andhra Pradesh, Madras State, Coastal Mysore and Arabian Sea Islands. It was below normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hours I.S.T. of the date given in the succeeding column.

Poona 5;
26th July 1966.

R. ANANTHAKRISHNAN
for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING | 343.6 | 90 | 32.2 | 22.1 | 78 | 69 | 5.0 | 4.0 |
| MANIPUR,TRIPURA) | - 37.8 | | +1.7 | +0.1 | - 2 | - 6 | -0.7 | -0.7 |
| 2.WEST BENGAL . . . | 86.6 | 57 | 37.6 | 25.7 | 65 | 52 | 3.1 | 2.9 |
| | - 64.6 | | +1.9 | +0.3 | - 6 | -10 | -1.0 | -1.1 |
| 3.ORISSA . . . . . | 28.8 | 48 | 39.4 | 26.6 | 60 | 48 | 2.4 | 2.9 |
| | - 31.3 | | +1.2 | -0.5 | - 4 | - 4 | -1.1 | -1.5 |
| 4.BIHAR . . . . . | 37.9 | 76 | 39.4 | 25.1 | 48 | 34 | 1.7 | 2.2 |
| | - 11.8 | | +0.7 | -0.5 | - 6 | - 3 | -0.8 | -0.6 |
| 5.UTTAR PRADESH . . | 19.4 | 99 | 40.7 | 24.3 | 41 | 24 | 1.1 | 1.0 |
| | - 0.2 | | +0.5 | -1.0 | - 0 | - 1 | -0.2 | -0.4 |
| 6.PUN AB(INCLUDING | 37.2 | 240 | 39.2 | 22.5 | 43 | 25 | 1.4 | 1.3 |
| H.P.AND DELHI) . | + 21.7 | | -0.2 | -0.5 | + 4 | + 2 | -0.0 | -0.6 |
| 7.JAMMU AND KASHMIR | 41.8 | 142 | 25.9 | 12.0 | 52 | 46 | 3.2 | 3.8 |
| | + 12.4 | | -1.0 | -1.3 | + 5 | + 8 | +0.3 | -1.0 |
| 8.RAJASTHAN . . | 20.0 | 183 | 41.1 | 25.1 | 40 | 20 | 0.7 | 1.0 |
| | + 9.1 | | -0.1 | -1.1 | - 1 | - 3 | -0.1 | -0.8 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 425.4 | 112 | 30.9 | 24.8 | 82 | 85 | 5.9 | 6.2 |
| | + 46.3 | | +0.2 | +0.0 | + 1 | - 0 | -0.1 | +0.2 |
| 2.NORTH ASSAM . | 301.3 | 81 | 32.4 | 22.5 | 80 | 70 | 5.1 | 3.9 |
| (INCLUDING NEFA) | - 71.2 | | +2.1 | +0.4 | - 2 | - 6 | -0.8 | -1.0 |
| 3.SOUTH ASSAM (INC | 440.3 | 110 | 31.6 | 21.4 | 75 | 66 | 4.8 | 4.3 |
| LUDING N.LANDETC) | + 38.6 | | +0.6 | -0.6 | - 3 | - 6 | -0.6 | -0.3 |
| 4.SUB-HIMALAYAN, | 220.4 | 80 | 34.5 | 23.3 | 71 | 57 | 3.9 | 2.6 |
| WEST BENGAL. | - 54.1 | | +2.0 | -0.1 | - 5 | - 9 | -1.2 | -1.0 |
| 5.GANGETIC,WEST- | 42.0 | 38 | 38.7 | 26.6 | 63 | 50 | 2.8 | 2.9 |
| BENGAL. | - 68.1 | | +1.8 | +0.4 | - 7 | -10 | -1.0 | -1.1 |
| 6.ORISSA . | 28.8 | 48 | 39.4 | 26.6 | 60 | 48 | 2.4 | 2.9 |
| | - 31.3 | | +1.2 | -0.5 | - 4 | - 4 | -1.1 | -1.5 |
| 7.BIHAR PLATEAU. . | 20.0 | 37 | 40.3 | 26.0 | 44 | 28 | 1.6 | 3.2 |
| | - 34.0 | | +1.0 | +0.3 | - 6 | - 6 | -1.1 | -1.0 |
| 8.BIHAR PLAINS. . | 51.3 | 110 | 38.6 | 24.2 | 52 | 39 | 1.9 | 1.5 |
| | + 4.8 | | +0.4 | -1.2 | - 6 | - 1 | -0.6 | -0.4 |
| 9.UTTAR PRADESH, | 8.3 | 45 | 41.6 | 25.1 | 42 | 24 | 0.9 | 0.8 |
| (EAST). | - 10.2 | | +0.6 | -0.9 | - 2 | - 3 | -0.3 | -0.3 |
| 10.UTTAR PRADESH, | 36.1 | 170 | 39.3 | 23.2 | 39 | 24 | 1.3 | 1.3 |
| (WEST). | + 14.8 | | +0.3 | -1.1 | + 2 | + 1 | +0.0 | -0.5 |
| 11.PUNJAB(INCLUDING | 33.3 | 277 | 39.7 | 22.7 | 42 | 25 | 1.4 | 1.1 |
| DELHI). | + 21.3 | | -0.3 | -1.1 | + 4 | + 2 | +0.0 | -0.5 |
| 12.HIMACHAL PRADESH | 58.8 | 169 | 36.4 | 21.3 | 49 | 27 | 1.8 | 2.0 |
| | + 24.0 | | +0.4 | +2.9 | + 2 | - 2 | -0.3 | -1.0 |
| 13.JAMMU AND KASH- | 41.8 | 142 | 25.9 | 12.0 | 52 | 46 | 3.2 | 3.8 |
| MIR. | + 12.4 | | -1.0 | -1.3 | + 5 | + 8 | +0.3 | -1.0 |
| 14.RAJASTHAN(WEST). | 18.0 | 200 | 41.6 | 24.0 | 42 | 20 | 0.8 | 0.9 |
| | + 9.0 | | +0.3 | -1.9 | - 2 | - 3 | -0.0 | -0.6 |
| 15.RAJASTHAN(EAST). | 21.7 | 172 | 40.7 | 26.0 | 38 | 20 | 0.7 | 1.1 |
| | + 9.1 | | -0.3 | -0.5 | + 0 | - 3 | -0.2 | -1.0 |
| 16.MADHYA PRADESH | 7.1 | 61 | 40.6 | 25.5 | 40 | 20 | 1.3 | 2.0 |
| (WEST). | - 4.6 | | -0.3 | -0.9 | + 4 | + 0 | -0.3 | -0.7 |

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 14.1 | 97 | 41.0 | 26.1 | 39 | 21 | 1.4 | 2.2 |
| . | - 0.4 | | -0.1 | -0.5 | + 2 | + 1 | -0.5 | -0.8 |
| 10.GUJARAT STATE . . | 1.3 | 28 | 38.0 | 25.3 | 63 | 41 | 2.0 | 1.2 |
| . | - 3.2 | | +0.4 | -0.7 | - 6 | - 2 | -0.2 | -0.3 |
| 11.MAHARASHTRA STATE | 67.5 | 243 | 37.2 | 24.8 | 57 | 38 | 2.3 | 2.6 |
| . | + 39.8 | | -0.8 | -1.3 | + 1 | - 0 | -0.7 | -0.9 |
| 12.ANDHRA PRADESH . | 26.4 | 66 | 40.5 | 27.7 | 55 | 34 | 3.1 | 3.2 |
| . | - 13.5 | | +1.4 | +0.2 | - 5 | - 8 | -0.9 | -1.1 |
| 13.MADRAS STATE . . | 73.3 | 120 | 37.2 | 26.1 | 65 | 53 | 3.8 | 4.4 |
| . | + 12.3 | | +5.7 | +3.1 | - 3 | - 4 | -0.7 | -0.6 |
| 14.MYSORE . . . . . | 133.2 | 131 | 34.0 | 22.9 | 71 | 49 | 3.9 | 4.0 |
| . | + 31.3 | | -0.5 | -0.4 | - 1 | - 2 | -0.6 | -1.0 |
| 15.KERALA . . . . | 66.9 | 23 | 32.7 | 25.4 | 78 | 68 | 4.9 | 4.7 |
| . | -223.8 | | +0.7 | +0.3 | - 5 | - 8 | -0.9 | -1.3 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . | 23.5 | 129 | 41.4 | 26.9 | 37 | 24 | 1.5 | 2.6 |
| (EAST). . | + 5.3 | | +0.2 | +0.1 | + 1 | + 1 | -0.8 | -0.9 |
| 18.GUJARAT REGION . | 1.4 | 18 | 39.8 | 25.5 | 59 | 31 | 2.2 | 1.0 |
| . | - 6.5 | | -0.1 | -0.8 | - 4 | + 2 | +0.2 | -0.1 |
| 19.SAURASHTRA KUTCH. | 1.2 | 49 | 36.9 | 25.2 | 65 | 48 | 1.9 | 1.4 |
| (INCLUDING DIU) . | - 1.2 | | +0.8 | -0.6 | - 7 | - 4 | -0.5 | -0.4 |
| 20.KONKAN (INCLUDING | 61.7 | 166 | 32.1 | 26.4 | 75 | 69 | 3.8 | 3.3 |
| GOA) . | + 24.6 | | -0.3 | -0.3 | + 0 | - 2 | -0.5 | -0.2 |
| 21.MADHYAMAHARASHTRA | 99.9 | 307 | 37.8 | 22.5 | 60 | 32 | 1.8 | 2.4 |
| . | + 67.4 | | -1.4 | -1.7 | + 3 | + 2 | -0.7 | -1.0 |
| 22.MARATHWADA. . | 44.8 | 225 | 39.2 | 23.4 | 46 | 22 | 1.5 | 2.5 |
| . | + 24.8 | | -1.0 | -1.6 | - 3 | - 4 | -0.9 | -1.3 |
| 23.VIDARBHA. . | 41.3 | 272 | 41.1 | 26.3 | 41 | 22 | 1.7 | 2.2 |
| . | + 26.1 | | -0.8 | -1.6 | + 0 | - 1 | -1.0 | -1.4 |
| 24.COASTAL ANDHRA | 36.2 | 83 | 40.6 | 28.6 | 62 | 47 | 3.7 | 3.4 |
| PRADESH. . | - 7.6 | | +2.5 | +0.8 | - 6 | -12 | -0.6 | -0.6 |
| 25.TELANGANA. . | 7.0 | 22 | 41.5 | 27.6 | 44 | 22 | 2.4 | 2.8 |
| . | - 25.1 | | +0.9 | -0.1 | - 8 | - 6 | -1.0 | -1.4 |
| 26.RAYALASEEMA. . | 40.9 | 89 | 38.4 | 26.0 | 61 | 32 | 2.9 | 3.2 |
| . | - 5.2 | | +0.1 | -0.3 | + 3 | - 3 | -1.3 | -1.5 |
| 27.MADRAS STATE. . | 73.3 | 120 | 37.2 | 26.1 | 65 | 53 | 3.8 | 4.4 |
| . | + 12.3 | | +5.7 | +3.1 | - 3 | - 4 | -0.7 | -0.6 |
| 28.COASTAL MYSORE . | 154.9 | 86 | 31.2 | 25.9 | 79 | 70 | 4.8 | 4.4 |
| . | - 24.4 | | -0.8 | +0.2 | - 0 | - 3 | -0.8 | -1.0 |
| 29.INTERIOR MYSORE. | 150.9 | 284 | 36.4 | 22.9 | 65 | 40 | 3.4 | 3.6 |
| (NORTH). . | + 97.8 | | -0.8 | -0.9 | + 1 | - 0 | -0.2 | -0.9 |
| 30.INTERIOR MYSORE. | 106.9 | 101 | 33.2 | 21.4 | 73 | 45 | 4.0 | 4.2 |
| (SOUTH). . | + 1.1 | | -0.1 | -0.3 | - 3 | - 4 | -0.8 | -1.1 |
| 31.KERALA. . | 66.9 | 23 | 32.7 | 25.4 | 78 | 68 | 4.9 | 4.7 |
| . | -223.8 | | +0.7 | +0.3 | - 5 | - 8 | -0.9 | -1.3 |
| 32.ARABIANSEAISLANDS | 63.1 | 41 | 32.1 | 27.0 | 79 | 69 | 4.7 | 5.8 |
| . | - 89.3 | | +0.2 | +0.2 | + 3 | - 8 | -0.5 | -0.2 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 31.8 | +1.1 | 35.1 | 02 | 25.3 | +0.2 | 21.7 | 17 | 123.6 | 260.2 | -123.2 | 60.0 | 04 | 14 | - 1.7 | 16.6 | 12.3 | +4.3 | 1 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Long Island (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Port Blair | 30.8 | -0.1 | 33.5 | 02 | 24.3 | -0.1 | 20.9 | 17 | 98.1 | 462.6 | +110.3 | 108.4 | 17 | 15 | - 0.3 | 22.5 | 16.9 | +4.8 | 0 | 23 | 0 | 0 | 12 | 0 | 0 | 0 | 2 | 0 |
| Car Nicobar | 31.2 | -0.1 | 33.0 | 03 | 24.4 | -0.1 | 22.3 | 17 | 152.0 | 449.3 | + 53.7 | 96.0 | 30 | 19 | + 4.2 | 8.0 | 4.7 | +0.9 | 0 | 20 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 30.6 | +0.1 | 32.6 | 02 | 25.3 | +0.4 | 22.5 | 07 | 270.2 | 496.4 | +131.8 | 109.4 | 31 | 17 | + 0.8 | 10.9 | 9.1 | +2.0 | 2 | 20 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 30.1 | +0.0 | 31.3 | 17 | 24.8 | -0.3 | 22.8 | 31 | 173.4 | 458.5 | + 58.7 | 192.2 | 31 | 17 | + 0.2 | 9.8 | 7.5 | +3.0 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 30.6 | +2.9 | 36.6 | 22 | 20.3 | -0.6 | 17.4 | 04 | 121.0 | 362.4 | - 84.0 | 76.2 | 27 | 12 | - 4.9 | 6.0 | 8.0 | +0.5 | 1 | 15 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 30.5 | +1.9 | 36.2 | 19 | 22.2 | +0.7 | 19.3 | 04 | 24.8 | 343.7 | - 70.0 | 72.6 | 25 | 11 | - 6.7 | 7.3 | 5.1 | +0.1 | 1 | 14 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Digboi (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| North Lakhimpur | 30.9 | +2.3 | 35.9 | 20 | 21.7 | +0.0 | 19.5 | 04 | 98.4 | 339.5 | -191.8 | 71.0 | 27 | 10 | - 9.4 | 7.8 | 4.8 | .. | 1 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 0 |
| Sibsagar | 31.4 | +1.7 | 37.1 | 19 | 22.4 | +0.0 | 20.7 | 10 | 53.6 | 379.3 | + 67.1 | 62.0 | 22 | 20 | + 4.7 | 5.9 | 5.0 | -0.9 | 0 | 22 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 31.3 | +2.4 | 36.7 | 20 | 21.8 | +0.9 | 19.8 | 05 | 75.0 | 368.2 | + 5.7 | 94.0 | 30 | 13 | - 1.7 | 6.3 | 4.6 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 32.4 | .. | 37.3 | 19 | .. | .. | .. | .. | 49.1 | 190.4 | -250.8 | 89.6 | 27 | 7 | -13.1 | 7.7 | 5.2 | -1.1 | 3 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 31.4 | .. | 36.0 | 20 | 23.1 | .. | 20.7 | 10 | 36.4 | 245.4 | .. | 37.3 | 29 | 12 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 |
| Tangla | 32.1 | +1.6 | 36.1 | 20 | 25.6 | +3.7 | 21.7 | 27 | 35.2 | 288.4 | -158.4 | 62.4 | 27 | 11 | - 8.1 | 4.1 | 3.9 | +0.3 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 32.8 | +2.5 | 38.3 | 02 | 26.1 | +3.6 | 20.0 | 05 | 36.0 | 259.8 | - 8.4 | 67.1 | 27 | 11 | - 4.6 | 7.0 | 6.0 | +1.5 | 0 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 31.6 | +1.8 | 36.1 | 21 | 21.4 | -0.4 | 18.9 | 05 | 55.4 | 231.2 | -145.3 | 41.4 | 29 | 12 | - 3.3 | .. | .. | .. | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bahgla | 32.8 | +1.6 | 37.2 | 20 | 22.6 | +1.3 | 18.5 | 11 | 25.0 | 336.3 | - 33.2 | 85.5 | 25 | 12 | - 5.7 | 4.8 | 3.9 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 33.3 | +1.0 | 38.1 | 20 | 20.9 | -2.3 | 13.4 | 27 | 0.0[b] | 152.2[a] | .. | .. | .. | .. | .. | 6.2[d] | 4.3[e] | .. | . | .. | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 |
| Goalpara | 33.5 | +2.1 | 39.1 | 03 | 20.9 | -1.4 | 17.4 | 11 | 94.8 | 502.4 | - 19.1 | 108.0 | 31 | 13 | - 4.8 | 5.7 | 4.3 | -0.1 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 32.7 | +1.6 | 36.6 | 20 | 23.1 | +0.3 | 20.2 | 11 | 22.4 | 204.2 | - 72.3 | 39.2 | 10 | 13 | - 2.7 | 7.4 | 5.6 | .. | 0 | 16 | 0 | 1 | 15 | 0 | 0 | 4 | 5 | 0 |
| Dhubri (Rupsi) | 34.0 | +2.3 | 41.3 | 03 | 22.9 | +0.3 | 20.1 | 11 | 18.7 | 448.7 | + 59.8 | 123.8 | 27 | 11 | - 3.5 | 11.1 | 9.0 | +2.7 | 2 | 14 | 0 | 0 | 16 | 0 | 0 | 1 | 2 | 0 |
| Dhubri | 34.0 | +4.1 | 41.2 | 03 | 22.5 | -0.5 | 19.4 | 10 | 6.6 | 311.2 | -112.2 | 56.6 | 31 | 12 | - 3.8 | 9.1 | 10.5 | +2.5 | 0 | 13 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 34.9 | +2.4 | 40.1 | 02 | 22.6 | +0.5 | 18.5 | 24 | 11.2 | 102.6 | - 65.8 | 28.2 | 08 | 6 | - 4.9 | 7.9 | 5.3 | .. | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 32.6 | +1.6 | 36.9 | 05 | 23.6 | +0.7 | 20.1 | 11 | 84.1 | 506.7 | + 90.7 | 101.3 | 23 | 13 | - 1.3 | 8.7 | 9.5 | -0.7 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 26.4 | -1.3 | 29.1 | 20 | 19.4 | -0.3 | 15.3 | 11 | 63.4 | 363.0 | -169.4 | 129.6 | 28 | 18 | - 0.8 | 10.3 | 9.0 | .. | 0 | 20 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 32.0 | +0.3 | 35.0 | 20 | 22.5 | +0.4 | 19.9 | 17 | 90.2 | 626.8 | + 77.3 | 84.6 | 29 | 20 | + 2.8 | 6.8 | 7.6 | +0.3 | 0 | 21 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 31.6 | +0.4 | 36.6 | 20 | 21.8 | -1.0 | 19.0 | 05 | 160.4 | 769.6 | +340.1 | 114.8 | 26 | 17 | + 0.7 | 3.9 | 2.5 | +0.1 | 0 | 20 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 30.9 | +2.0 | 35.4 | 18 | 16.3 | -2.8 | 12.3 | 17 | 30.7 | 111.9 | -118.8 | 35.2 | 09 | 9 | - 4.3 | 12.4 | 7.5 | -0.4 | 1 | 14 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Kailashahar | 33.4 | +0.0 | 36.9 | 04 | 23.2 | +0.1 | 19.3 | 11 | 135.0 | 490.9 | +153.6 | 147.5 | 11 | 13 | - 1.5 | 6.2 | 4.1 | -0.4 | 1 | 14 | 0 | 0 | 16 | 0 | 0 | 2 | 2 | 0 |
| Agartala | 34.6 | +1.4 | 38.1 | 06 | 22.7 | -1.5 | 17.4 | 11 | 52.1 | 213.3 | -103.3 | 80.6 | 10 | 8 | - 3.1 | 10.2 | 8.1 | -3.9 | 0 | 12 | 0 | 0 | 15 | 0 | 0 | 0 | 2 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 34.0 | +2.0 | 40.8 | 15 | 22.4 | -0.5 | 18.8 | 11 | 8.0 | 92.9 | -160.5 | 21.8 | 21 | 7 | - 4.1 | 17.0 | 13.5 | +3.8 | 0 | 12 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 32.8 | +1.9 | 37.6 | 03 | 23.1 | +0.2 | 19.4 | 11 | 1.0 | 329.1 | + 26.8 | 104.9 | 07 | 12 | - 1.4 | 12.1 | 8.7 | +0.3 | 0 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 33.2 | +1.7 | 39.5 | 03 | 22.2 | -0.6 | 18.2 | 11 | 4.0 | 385.9 | - 40.8 | 123.0 | 27 | 14 | - 1.3 | 8.8 | 6.3 | -0.9 | 0 | 15 | 0 | 0 | 16 | 0 | 0 | 0 | 1 | 0 |
| Balurghat | 37.1 | .. | 43.4 | 02 | 23.5 | .. | 19.4 | 09 | 2.8 | 180.7 | .. | 59.0 | 22 | 6 | .. | 8.6 | 7.3 | .. | 0 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Malda | 38.1 | +2.5 | 44.0 | 02 | 25.4 | +0.7 | 20.0 | 09 | 33.2 | 73.6 | - 42.0 | 28.2 | 08 | 6 | + 0.2 | 5.7 | 4.2 | -4.8 | 0 | 7 | 0 | 0 | 8 | 0 | 2 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 38.8 | +1.7 | 44.1 | 04 | 25.2 | +0.5 | 20.1 | 09 | 16.3 | 100.3 | - 31.8 | 29.4 | 09 | 6 | - 1.1 | 6.3 | 2.1 | -4.8 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Suri | 40.1 | +0.7 | 44.8 | 04 | 27.8 | +1.8 | 19.0 | 08 | .. | 91.4 | + 29.4 | 39.2 | 28 | 5 | + 1.1 | . | 10.3 | -1.3 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 41.7 | +2.6 | 44.7 | 05 | 27.2 | +0.9 | 20.4 | 17 | 0.8 | 16.0 | - 67.6 | 15.2 | 08 | 1 | - 3.7 | 13.0 | 9.8 | +0.9 | 1 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 40.0 | .. | 44.3 | 04 | 26.1 | .. | 20.1 | 08 | 20.1 | 74.8 | .. | 31.5 | 08 | 5 | .. | 13.9 | 13.0 | .. | 1 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 40.0 | +3.0 | 44.3 | 05 | 24.5 | -0.7 | 19.5 | 10 | 7.0 | 38.8 | -120.2 | 10.3 | 28 | 5 | - 3.0 | 13.6 | 13.2 | +2.4 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 41.0 | +0.9 | 43.9 | 11 | 27.6 | +0.7 | 23.4 | 30 | 7.2 | 16.2 | - 24.1 | 16.2 | 30 | 1 | - 2.5 | 10.2 | 8.2 | +1.1 | 0 | 1 | 0 | 0 | 6 | 0 | 2 | 0 | 0 | 0 |
| Bankura | 41.7 | .. | 45.0 | 05 | 27.3 | .. | 23.2 | 09 | 7.2 | 7.2 | - 86.5 | 7.2 | 26 | 1 | - 4.4 | 8.4 | 6.1 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 39.5 | +2.3 | 43.0 | 12 | 27.7 | +1.9 | 21.4 | 08 | 64.8 | 6.8 | -132.4 | 6.0 | 08 | 1 | - 5.9 | .. | .. | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 38.6 | .. | 42.5 | 05 | 27.1 | .. | 21.1 | 09 | 7.1 | 7.3 | .. | 7.1 | 09 | 1 | .. | .. | .. | .. | 1 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 38.0 | +2.3 | 42.3 | 05 | 27.1 | +1.1 | 22.3 | 09 | 8.3 | 13.5 | -103.8 | 6.3 | 09 | 2 | - 3.9 | 16.5 | 13.9 | -2.3 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Calcutta | 38.1 | +2.3 | 43.2 | 12 | 27.1 | +0.6 | 22.7 | 07 | 6.5 | 21.6 | -112.3 | 13.4 | 07 | 2 | - 4.7 | 11.5 | 9.7 | +1.0 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 0 |
| Midnapore | 40.0 | +1.8 | 45.0 | 12 | 25.0 | -1.3 | 20.1 | 09 | 0.0 | 14.8 | -104.8 | 7.0 | 09 | 3 | - 3.7 | 11.4 | 10.4 | +1.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contai | 35.2 | +1.6 | 40.6 | 17 | 25.9 | -1.4 | 20.3 | 09 | 0.0 | 42.0 | - 93.5 | 21.0 | 06 | 2 | - 2.8 | 18.0 | 14.3 | -5.2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar Island | 33.0 | +0.9 | 38.1 | 15 | 27.9 | +0.6 | 22.7 | 09 | 37.9 | 135.1 | + 30.7 | 66.5 | 07 | 5 | - 0.2 | 26.3 | 28.1 | -1.6 | 2 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 |
| Sandheads | 32.4 | .. | 37.6 | 15 | 27.2 | .. | 24.4 | 17 | 0.0 | 26.0 | - 23.8 | 26.0 | 07 | 1 | - 2.2 | .. | .. | .. | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 41.2 | +0.6 | 46.0 | 12 | 26.1 | +0.2 | 22.6 | 30 | 11.3 | 72.1 | - 42.4 | 41.6 | 30 | 4 | - 1.8 | 7.0 | 5.6 | +0.8 | 0 | 6 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Jharsuguda | 42.3 | +0.3 | 46.5 | 24 | 27.3 | -0.4 | 22.4 | 06 | 0.0 | 30.6 | + 7.0 | 22.4 | 06 | 2 | + 0.3 | 10.1 | 7.2 | -1.6 | 2 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 3 | 0 |
| Keonjhargarh | 39.1 | +0.2 | 41.3 | 23 | 25.2 | -0.1 | 20.8 | 27 | 12.6 | 34.2 | - 21.7 | 16.2 | 30 | 3 | - 1.2 | 11.5 | 7.9 | -0.6 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 37.1 | +0.7 | 43.8 | 12 | 24.9 | -1.8 | 21.2 | 06 | 26.2 | 136.9 | + 43.4 | 49.1 | 05 | 4 | - 1.4 | 18.0 | 13.7 | +0.2 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 42.0 | -0.1 | 45.1 | 28 | 26.6 | -1.0 | 22.3 | 17 | 0.0 | 5.0 | - 20.1 | 5.0 | 06 | 1 | - 1.2 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 41.6 | +1.3 | 44.7 | 21 | 25.0 | -1.8 | 21.0 | 07 | 0.0 | 8.7 | - 46.2 | 5.5 | 06 | 2 | - 2.3 | 8.8 | 9.5 | -0.6 | 0 | 2 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 38.4 | +2.0 | 45.4 | 13 | 26.5 | -0.1 | 22.5 | 28 | 0.0 | 2.0 | -100.4 | 2.0 | 28 | 0 | - 4.7 | 19.3 | 14.2[a] | -2.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 43.1 | +1.3 | 46.5 | 27 | 28.4 | -1.0 | 21.9 | 06 | 12.0 | 21.6 | + 5.8 | 12.0 | 30 | 3 | + 1.0 | 11.2 | 8.9 | -2.0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 40.4 | .. | 44.0 | 22 | 22.9 | .. | 17.7 | 17 | 12.8 | 26.8 | .. | 14.0 | 06 | 2 | .. | 8.0 | 4.5 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 40.7 | +1.9 | 45.1 | 14 | 27.0 | +0.1 | 24.4 | 28 | 5.2 | 7.6 | - 72.4 | 5.2 | 07 | 1 | - 4.0 | 9.8 | 7.7 | -1.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 43.2 | +1.7 | 46.7 | 23 | 28.4 | +0.5 | 24.2 | 17 | 6.7 | 25.3 | - 7.0 | 12.2 | 06 | 3 | + 0.4 | 6.5 | 5.2 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 39.6 | +1.6 | 45.8 | 11 | 27.0 | -0.1 | 23.3 | 28 | 0.0 | 6.3 | - 54.5 | 4.4 | 28 | 1 | - 1.4 | 21.9 | 19.7 | -7.9 | 0 | 2 | 0 | 0 | 6 | 0 | 0 | 0 | 1 | 0 |
| Puri | 33.0 | +1.4 | 41.0 | 17 | 26.9 | -0.8 | 23.4 | 28 | 0.0 | 0.6 | - 62.4 | 0.4 | 07 | 0 | - 3.0 | 21.1 | 18.7 | -7.5 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 33.1 | +1.0 | 40.5 | 17 | 26.4 | -0.4 | 23.7 | 17 | 6.6 | 7.1 | - 42.9 | 6.6 | 31 | 1 | - 1.8 | 20.5 | 17.3 | -8.1 | 1 | 2 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Koraput | 36.7 | +2.6 | 39.8 | 23 | .. | .. | .. | .. | 41.4 | 45.7 | - 24.4 | 27.0 | 25 | 3 | - 2.5 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 40.3 | +2.4 | 44.5 | 02 | 26.7 | +1.2 | 20.8 | 12 | 25.1 | 40.1 | - 45.8 | 17.5 | 26 | 4 | - 1.2 | 14.5 | 8.3 | +1.8 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 42.4 | +0.8 | 46.3 | 27 | 25.7 | +0.3 | 19.4 | 16 | 0.0 | 0.0 | - 15.2 | 0.0 | .. | 0 | - 1.5 | 9.1 | 6.5 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 38.9 | +0.9 | 42.8 | 27 | 24.8 | +0.4 | 20.7 | 18 | 5.8 | 5.8 | - 42.7 | 5.8 | 30 | 1 | - 2.4 | 15.3 | 11.9 | +1.4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 40.5 | +1.7 | 43.3 | 03 | 27.0 | +1.1 | 20.3 | 08 | 2.0 | 11.4 | - 37.8 | 8.4 | 08 | 1 | - 2.4 | 6.5 | 4.5 | -4.7 | 0 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 38.7 | +0.8 | 42.1 | 25 | 25.0 | +1.0 | 17.8 | 06 | 4.0 | 26.0 | - 28.6 | 8.0 | 09 | 4 | - 0.2 | 8.3 | 6.3 | +0.0 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 38.3 | +0.3 | 42.2 | 28 | 24.7 | +0.0 | 17.3 | 09 | 0.0 | 12.5 | - 41.6 | 9.5 | 09 | 1 | - 2.8 | 15.7 | 11.7 | +0.9 | 0 | 3 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| Jamshedpur | 41.1 | +1.1 | 43.9 | 11 | 25.9 | -0.9 | 19.0 | 09 | 5.4 | 16.9 | - 58.0 | 10.3 | 09 | 2 | - 3.2 | 11.0 | 8.7 | +0.9 | 0 | 3 | 0 | 1 | 4 | 0 | 9 | 0 | 3 | 0 |
| Jamshedpur (P.B.O.) | 41.2 | +0.1 | 44.5 | 11 | 26.8 | -0.8 | 17.7 | 09 | 14.0 | 17.6 | - 18.5 | 9.2 | 28 | 3 | - 0.1 | 11.5 | 8.5 | +1.4 | 0 | 4 | 0 | 1 | 6 | 0 | 0 | 0 | 5 | 0 |
| Chaibasa | 41.5 | +1.0 | 44.5 | 23 | 27.2 | +0.4 | 23.6 | 09 | 18.8 | 49.6 | - 17.7 | 12.6 | 28 | 3 | - 2.2 | 6.3 | 4.3 | -0.2 | 0 | 6 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 37.3 | +0.6 | 42.4 | 02 | 20.4 | -3.8 | 16.6 | 17 | 0.0 | 65.3 | + 15.5 | 20.8 | 08 | 5 | + 2.1 | 11.3[a] | 7.2 | +1.0 | 0 | 5 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| Forbesganj | 35.6 | -0.5 | 43.4 | 02 | 22.8 | -0.9 | 18.4 | 09 | 18.8 | 82.0 | - 18.0 | 35.6 | 09 | 7 | + 2.0 | 7.6 | 5.0 | -5.6 | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 36.2 | -0.2 | 40.7 | 02 | 23.1 | -1.6 | 17.4 | 09 | 0.0 | 99.8 | + 39.9 | 32.6 | 30 | 4 | + 0.2 | 6.1 | 9.3 | +1.1 | 0 | 4 | 0 | 0 | 2 | 0 | 4 | 0 | 0 | 0 |
| Muzaffarpur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Chapra | 40.4 | .. | 44.1 | 04 | 26.0 | .. | 21.1 | 09 | 0.0 | 36.9 | + 14.1 | 13.1 | 08 | 3 | + 1.2 | 10.8 | 8.3 | .. | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 36.2 | +1.1 | 43.2 | 02 | 21.5 | -2.4 | 17.2 | 09 | 0.0 | 130.4 | + 29.8 | 39.0 | 22 | 7 | + 1.5 | 7.6 | 5.3 | -2.1 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Patna | 39.7 | +0.8 | 43.4 | 01 | 25.9 | -0.1 | 20.1 | 09 | 0.0 | 44.8 | + 14.8 | 28.0 | 08 | 3 | + 1.1 | 10.2 | 10.5 | +0.7 | 0 | 3 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| Patna Aerodrome | 39.8 | +0.0 | 43.4 | 02 | 24.7 | -1.4 | 18.4 | 09 | 0.0 | 39.1 | + 17.7 | 22.3 | 08 | 3 | + 1.8 | 13.5 | 10.2 | +0.6 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 |
| Arrah (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhagalpur | 38.7 | +0.4 | 43.5 | 05 | 26.7 | +1.0 | 19.6 | 09 | 3.4 | 44.3 | - 3.8 | 17.0 | 25 | 3 | + 0.1 | 14.7 | 11.5 | +1.4 | 0 | 4 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Sabaur | 38.1 | +0.7 | 44.2 | 02 | 23.8 | -1.1 | 18.7 | 17 | 11.4 | 60.6 | + 5.2 | 26.2 | 09 | 3 | - 0.7 | 15.2 | 11.1 | +0.6 | 0 | 4 | 0 | 0 | 7 | 0 | 0 | 0 | 4 | 0 |
| Jamui | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 9.0 | - 31.4 | 9.0 | 08 | 1 | - 1.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 41.8 | -0.2 | 45.4 | 28 | 26.5 | -1.5 | 21.6 | 18 | 0.0 | 3.0 | - 9.7 | 3.0 | 30 | 1 | - 0.2 | 11.3 | 8.0 | +0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 42.2 | +0.9 | 46.6 | 28 | 26.9 | -0.5 | 22.4 | 18 | 0.0 | 0.0 | - 16.8 | 0.0 | .. | 0 | - 1.3 | 15.2 | 12.3 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 3 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 40.9 | +0.6 | 45.5 | 28 | 24.2 | -1.1 | 18.8 | 11 | 0.0 | 29.2 | + 4.9 | 28.9 | 11 | 1 | - 0.1 | 8.4 | 6.0 | +0.5 | 0 | 1 | 0 | 1 | 2 | 0 | 3 | 0 | 0 | 0 |
| Bahraich | 41.3 | +1.5 | 45.8 | 28 | 25.0 | -0.6 | 20.7 | 11 | 0.0 | 5.8 | - 24.2 | 3.6 | 11 | 1 | - 1.1 | 13.4 | 10.1 | +1.7 | 0 | 2 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 |
| Nautanwa | 39.1 | +0.0 | 43.6 | 02 | 21.9 | -2.8 | 16.4 | 02 | 0.0 | 34.4 | - 3.2 | 16.8 | 09 | 5 | + 3.0 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 41.5 | +0.4 | 46.0 | 28 | 25.6 | +0.3 | 19.7 | 11 | 0.0 | 5.0 | - 3.8 | 5.0 | 11 | 1 | + 0.4 | 13.0 | 9.9 | +2.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 41.4 | +1.5 | 45.7 | 28 | 25.1 | -0.5 | 20.6 | 11 | 0.0 | 12.6 | - 17.0 | 12.6 | 11 | 1 | - 1.1 | 13.4 | 9.2 | +1.5 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 40.3 | -0.9 | 45.0 | 28 | 24.9 | -1.6 | 21.0 | 26 | 0.0 | 1.4 | - 13.6 | 1.4 | 11 | 0 | - 1.1 | 7.8 | 6.5 | +2.1 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Lucknow (Amausi) | 41.5 | +0.4 | 46.2 | 28 | 24.0 | -1.6 | 19.6 | 16 | 0.0 | 0.6 | - 15.0 | 0.6 | 29 | 0 | - 0.6 | 16.3 | 12.4 | +1.8 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 3 | 0 |
| Faizabad | 41.1 | +1.8 | 45.4 | 28 | 24.0 | +0.2 | 20.0 | 02 | 0.0 | 8.2 | - 13.7 | 8.2 | 11 | 1 | - 1.0 | 7.0 | 4.6 | -0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 0 |
| Gorakhpur | 40.6 | +1.6 | 43.7 | 21 | 25.2 | -0.7 | 20.1 | 11 | 0.0 | 36.0 | - 4.6 | 20.0 | 11 | 2 | - 0.5 | 9.9 | 7.3 | +0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 42.4 | +0.7 | 46.3 | 28 | 26.5 | -0.7 | 22.7 | 18 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 1.1 | 21.3 | 14.6 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 42.4 | .. | 46.4 | 28 | 26.2 | .. | 22.3 | 19 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 3 | 0 |
| Sultanpur | 42.3 | +1.3 | 46.5 | 28 | 25.8 | -0.2 | 22.7 | 18 | 0.0 | 0.0 | - 21.4 | 0.0 | .. | 0 | - 1.6 | 9.3 | 7.1 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Azamgarh | 41.9 | +0.5 | 45.7 | 28 | 22.9 | -3.2 | 20.0 | 30 | 0.0 | 0.0 | - 8.5 | 0.0 | .. | 0 | - 0.7 | 8.8 | 6.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 42.6 | +0.3 | 47.0 | 28 | 26.6 | -0.7 | 21.2 | 15 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.6 | 15.2 | 9.4 | +3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Ballia | 40.7 | -1.1 | 44.0 | 22 | .. | .. | .. | .. | 0.0 | 16.2 | - 6.6 | 16.2 | 30 | 1 | - 0.6 | 7.7 | 5.7 | -1.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 43.8 | +0.8 | 47.5 | 22 | 27.6 | -0.4 | 22.4 | 15 | 0.0 | 0.0 | - 6.9 | 0.0 | .. | 0 | - 0.5 | 9.6 | 5.9 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 43.2 | +1.1 | 47.3 | 28 | 27.2 | -0.2 | 23.4 | 19 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 0.7 | 9.5 | 5.7 | -3.0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 |
| Varanasi (Babatpur) | 41.8 | +0.3 | 45.9 | 28 | .. | .. | .. | .. | 0.0 | 0.0 | - 7.9 | 0.0 | .. | 0 | - 0.4 | 14.1 | 12.3 | -0.4 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 42.1 | +0.6 | 46.0 | 28 | 25.7 | -1.3 | 22.3 | 19 | 0.0 | 0.0 | - 13.7 | 0.0 | .. | 0 | - 1.1 | 5.7 | 4.1 | -6.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 26.7 | +1.2 | 31.1 | 29 | 16.1 | +0.7 | 8.3 | 12 | 28.0 | 71.2 | + 0.8 | 23.8 | 11 | 6 | + 1.4 | .. | .. | .. | 0 | 7 | 0 | 5 | 10 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 37.5 | +0.7 | 42.2 | 28 | 19.9 | +0.2 | 16.1 | 14 | 11.5 | 58.0 | + 23.1 | 25.7 | 11 | 5 | + 1.8 | 6.3 | 3.7 | .. | 0 | 6 | 0 | 1 | 5 | 0 | 2 | 0 | 0 | 0 |
| Dehra Dun | 36.6 | +0.4 | 41.4 | 28 | 20.0 | -1.5 | 13.8 | 14 | 25.2 | 52.2 | + 16.4 | 24.2 | 11 | 4 | + 1.0 | 6.0 | 4.4 | +0.3 | 0 | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTER PRADESH, WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 23.7 | .. | 27.4 | 24 | 12.8 | .. | 6.1 | 12 | .. | 132.3 | .. | 65.0 | 10 | 7 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| Roorkee | 39.9 | +0.5 | 45.0 | 28 | 20.6 | -3.0 | 15.6 | 01 | 0.0 | 44.7 | + 26.2 | 18.0 | 09 | 4 | + 2.3 | 10.2 | 7.2 | +0.0 | 0 | 4 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Najibabad | 40.0 | +0.7 | 45.0 | 28 | .. | .. | .. | .. | 1.6 | 9.6 | - 6.9 | 4.2 | 09 | 2 | + 0.8 | 6.6 | 8.1 | +1.7 | 0 | 3 | 0 | 0 | 7 | 0 | 4 | 0 | 0 | 0 |
| Meerut | 39.9 | -0.1 | 45.4 | 27 | 22.8 | -2.0 | 17.4 | 12 | .. | 32.0 | + 16.8 | 17.0 | 11 | 3 | + 1.4 | . | 9.4 | +0.8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 41.1 | +0.6 | 45.7 | 28 | 24.6 | -1.2 | 19.6 | 12 | 12.7 | 36.3 | + 21.1 | 20.5 | 11 | 3 | + 1.6 | 13.3 | 9.8 | +3.1 | 1 | 3 | 0 | 1 | 5 | 0 | 2 | 0 | 0 | 0 |
| Aligarh | 40.2 | -1.0 | 44.8 | 22 | 23.9 | -2.4 | 17.0 | 12 | 33.8 | 70.4 | + 57.5 | 33.2 | 30 | 3 | + 1.7 | 15.8 | 11.0 | +2.2 | 0 | 3 | 0 | 1 | 2 | 0 | 2 | 0 | 0 | 0 |
| Mainpuri | 41.9 | -0.3 | 46.1 | 07 | 24.3 | -1.9 | 19.2 | 11 | 1.7 | 9.9 | - 2.8 | 8.2 | 11 | 1 | - 0.3 | 17.4 | 10.6 | +4.8 | 0 | 2 | 0 | 0 | 2 | 0 | 3 | 0 | 0 | 0 |
| Agra | 41.8 | +0.0 | 46.4 | 08 | 26.6 | -0.6 | 18.9 | 12 | 0.0 | 47.3 | + 38.2 | 37.5 | 11 | 2 | + 1.0 | 6.7 | 3.9 | -2.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 41.8 | .. | 46.8 | 07 | 24.8 | .. | 18.3 | 12 | 0.0 | 56.7 | .. | 31.5 | 11 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 1 | 4 | 0 | 1 | 1 | 0 | 0 |
| Orai | 42.8 | +0.2 | 46.4 | 25 | 27.1 | +0.0 | 21.4 | 16 | 0.0 | 1.6 | - 4.2 | 1.6 | 30 | 0 | - 0.7 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jhansi | 42.8 | +0.2 | 46.2 | 24 | 28.8 | +0.0 | 23.7 | 15 | 0.0 | 0.0 | - 8.4 | 0.0 | .. | 0 | - 0.8 | 5.9 | 6.5 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 38.8 | -0.2 | 44.9 | 28 | 22.6 | -0.6 | 15.0 | 13 | 24.6 | 38.8 | + 21.7 | 17.3 | 13 | 4 | + 2.6 | .. | .. | .. | 0 | 5 | 0 | 0 | 8 | 0 | 4 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 38.8 | -0.1 | 44.4 | 28 | 20.4 | -1.0 | 14.8 | 01 | 30.4 | 47.6 | + 38.0 | 29.9 | 12 | 4 | + 2.8 | 13.3 | 10.1 | -2.0 | 0 | 5 | 0 | 0 | 8 | 0 | 4 | 0 | 5 | 0 |
| Adampur (Aerodrome) | 40.6 | .. | 45.0 | 28 | 20.0 | .. | 12.8 | 01 | 11.6 | 24.8 | .. | 15.2 | 12 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 7 | 0 | 3 | 0 | 0 | 0 |
| Ludhiana | 41.4 | +0.2 | 47.6 | 28 | 22.7 | -1.5 | 16.2 | 01 | 1.5 | 25.6 | + 12.7 | 0.7 | 12 | 5 | + 3.5 | 8.7 | 5.2 | +0.4 | 0 | 6 | 0 | 0 | 7 | 0 | 5 | 0 | 0 | 0 |
| Ferozepur | 39.1 | -0.4 | 45.2 | 08 | 20.8 | -1.6 | 15.1 | 12 | 20.8 | 22.8 | + 16.7 | 20.8 | 12 | 1 | + 0.5 | 7.2 | 4.5 | +1.0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 39.3 | .. | 44.4 | 28 | 20.6 | .. | 15.0 | 02 | 23.7 | 30.4 | .. | 25.0 | 12 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 10 | 0 | 1 | 0 | 0 | 0 |
| Chandigarh | 39.2 | +0.9 | 44.3 | 28 | 23.2 | -0.4 | 15.2 | 12 | 0.0 | 17.7 | + 4.6 | 15.2 | 12 | 1 | - 0.4 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 39.3 | -1.5 | 44.4 | 28 | 23.8 | -1.1 | 16.8 | 12 | 8.5 | 35.0 | + 15.7 | 27.1 | 12 | 3 | + 1.4 | 9.5 | 7.7 | -0.3 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 39.8 | .. | 45.0 | 28 | 22.9 | .. | 17.1 | 12 | 2.6 | 32.8 | .. | 17.0 | 12 | 3 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Patiala | 40.3 | +0.1 | 46.3 | 28 | 23.0 | -1.0 | 16.9 | 12 | 2.3 | 46.8 | + 32.8 | 40.4 | 12 | 1 | - 0.4 | 12.3 | 10.2 | +0.4 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 40.5 | +0.4 | 45.4 | 08 | 22.4 | -0.3 | 16.4 | 13 | 4.4 | 11.7 | + 1.4 | 5.0 | 11 | 2 | + 1.0 | 9.0 | 6.8 | +1.2 | 0 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Karnal | 39.4 | -0.3 | 45.0 | 22 | 22.0 | -2.2 | 15.6 | 12 | 0.6 | 19.5 | + 12.3 | 8.5 | 12 | 2 | + 1.2 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 40.2 | -1.4 | 45.5 | 25 | 23.4 | -1.2 | 15.9 | 12 | 11.2 | 42.3 | + 29.4 | 24.0 | 12 | 2 | + 0.7 | 11.6 | 10.0 | +1.5 | 0 | 3 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 39.2 | -1.3 | 43.8 | 26 | 25.4 | -1.2 | 18.0 | 12 | 13.1 | 58.5 | + 48.8 | 31.1 | 12 | 4 | + 2.7 | 22.7 | 15.7 | +2.8 | 0 | 4 | 0 | 0 | 5 | 0 | 3 | 0 | 4 | 0 |
| Palam (Aerodrome) | 40.4 | .. | 46.9 | 23 | 23.3 | .. | 14.6 | 02 | 23.2 | 74.5 | .. | 32.0 | 12 | 4 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 4 | 0 | 3 | 0 | 3 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 35.8 | +1.0 | 40.9 | 29 | 21.8 | +4.5 | 15.1 | 14 | 17.6 | 79.6 | + 33.9 | 24.0 | 13 | 5 | + 1.3 | 2.2 | 1.2 | -2.6 | 0 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 37.0 | -0.3 | 42.0 | 28 | 20.6 | +1.1 | 12.8 | 13 | 0.0 | 37.9 | + 14.1 | 15.2 | 12 | 4 | + 1.9 | .. | .. | .. | 0 | 4 | 0 | 0 | 5 | 0 | 4 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh | 15.6 | -1.5 | 20.5 | 20 | 0.8 | -2.0 | - 3.7 | 01 | 0.6 | 14.0 | + 8.7 | 4.8 | 25 | 3 | + 2.4 | 7.8 | 7.4 | +0.6 | 0 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 22.9 | -1.7 | 29.2 | 23 | 10.6 | -0.6 | 5.3 | 12 | 16.4 | 97.7 | + 38.0 | 28.1 | 30 | 10 | + 4.4 | 5.8 | 5.6 | +1.3 | 1 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 21.6 | .. | 28.8 | 23 | 10.5 | .. | 4.7 | 12 | 18.5 | 98.1 | .. | 27.6 | 30 | 10 | .. | .. | .. | .. | 0 | 12 | 0 | 1 | 15 | 0 | 0 | 0 | 1 | 0 |
| Gulmarg | Functions only from June to September | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Qazigund | 22.4 | .. | 28.1 | 23 | 10.2 | .. | 2.9 | 12 | 25.1 | 127.1 | .. | 44.6 | 12 | 9 | .. | 1.6 | 1.5 | .. | 0 | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 24.5 | .. | 30.0 | 28 | 11.7 | .. | 5.2 | 12 | 37.7 | 124.3 | .. | 46.0 | 12 | 9 | .. | .. | .. | .. | 0 | 12 | 0 | 1 | 11 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 39.3 | +0.3 | 44.5 | 28 | 24.5 | -1.3 | 16.5 | 13 | 0.4 | 13.6 | - 9.5 | 11.6 | 12 | 1 | - 1.1 | 7.1 | 7.2 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 38.6 | .. | 44.5 | 28 | 23.0 | .. | 15.2 | 01 | 14.7 | 46.4 | .. | 23.1 | 09 | 2 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 10 | 0 | 3 | 0 | 1 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 40.8 | -0.7 | 46.4 | 07 | 23.5 | -0.5 | 16.4 | 13 | 25.4 | 37.6 | + 21.8 | 25.4 | 12 | 2 | + 0.3 | 8.7 | 5.3 | -2.7 | 0 | 4 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Anupgarh (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Mahajan | 41.1 | .. | 46.8 | 22 | 24.3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16.2 | 12.0 | .. | . | .. | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Churu | 40.7 | -0.4 | 45.4 | 09 | 25.2 | +0.4 | 16.3 | 02 | 0.4 | 34.7 | + 23.5 | 31.2 | 11 | 2 | + 0.2 | 18.8 | 12.9 | +2.3 | 0 | 3 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Bikaner | 41.7 | -0.3 | 46.5 | 21 | 25.5 | -1.7 | 17.3 | 02 | 0.6 | 77.0 | + 64.1 | 40.8 | 11 | 2 | + 0.9 | 15.1 | 11.9 | +1.8 | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | 41.6 | +0.9 | 46.1 | 21 | 26.5 | +0.6 | 19.0 | 01 | 0.0 | 2.0 | - 1.9 | 2.0 | 11 | 0 | - 0.3 | 17.6 | 13.2 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Phalodi | 41.9 | +0.3 | 46.6 | 20 | 25.7 | -0.9 | 20.8 | 13 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.8 | 21.5 | 20.5 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 | 0 |
| Jaisalmer | 42.1 | +0.5 | 46.5 | 20 | .. | .. | .. | .. | 0.0 | 10.4 | + 6.5 | 10.4 | 11 | 1 | + 0.4 | 20.1 | 19.2 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 41.7 | +0.1 | 46.2 | 20 | .. | .. | .. | .. | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 1.0 | 17.0 | 15.4 | +0.4 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Barmer | 42.8 | +0.9 | 47.1 | 06 | 25.8 | -1.0 | 23.4 | 13 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.6 | 13.4 | 11.9 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 41.2 | +1.0 | 48.1 | 06 | 25.2 | -1.0 | 18.8 | 16 | 0.0 | 0.0 | - 4.0 | 0.0 | .. | 0 | - 0.4 | 9.7 | 9.0 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 40.2 | -0.5 | 45.0 | 08 | 22.3 | -2.0 | 15.5 | 02 | 11.0 | 35.2 | + 22.2 | 18.0 | 12 | 3 | + 2.0 | 20.0 | 15.0 | +1.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 39.4 | -0.3 | 44.0 | 07 | 22.1 | -2.2 | 13.0 | 02 | 10.1 | 59.1 | + 47.0 | 40.5 | 11 | 2 | + 1.1 | 16.5 | 13.3 | +3.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 40.7 | -0.6 | 44.2 | 08 | 28.8 | +1.2 | 18.7 | 12 | 0.8 | 69.1 | + 53.7 | 41.1 | 11 | 2 | + 0.0 | 5.7 | 4.3 | .. | 0 | 3 | 0 | 1 | 1 | 0 | 2 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 40.4 | -0.2 | 44.2 | 22 | 25.0 | -0.8 | 17.5 | 12 | 0.0 | 26.3 | + 13.1 | 22.3 | 12 | 2 | + 0.5 | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| Dholpur | 42.6 | +0.2 | 46.8 | 22 | 26.5 | -0.9 | 20.2 | 12 | 10.4 | 25.2 | + 14.6 | 12.0 | 13 | 3 | + 1.8 | 13.9 | 9.9 | +2.2 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 40.0 | +0.5 | 44.0 | 06 | 26.2 | -1.1 | 18.8 | 12 | 0.0 | 5.6 | - 10.4 | 5.6 | 12 | 1 | - 0.4 | 13.8 | 15.8 | +2.7 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| Tonk | 40.8 | -1.0 | 45.1 | 26 | 29.1 | +3.0 | 19.6 | 12 | 0.0 | 17.2 | + 5.3 | 17.2 | 12 | 1 | + 0.0 | 17.0 | 12.5 | +2.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kota | 42.2 | -0.4 | 45.8 | 21 | 30.9 | +1.2 | 26.2 | 14 | 0.0 | 1.2 | - 9.7 | 1.2 | 31 | 0 | - 1.0 | 14.3 | 11.5 | +3.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 42.4 | .. | 46.0 | 21 | 28.1 | .. | 23.6 | 03 | 0.0 | 1.6 | .. | 1.6 | 31 | 0 | .. | 18.3 | 17.5 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 41.3 | -0.4 | 45.1 | 21 | 27.3 | +0.7 | 23.9 | 03 | 0.2 | 0.2 | - 11.7 | 0.2 | 14 | 0 | - 1.2 | 17.9 | 13.4 | +3.3 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 38.4 | -0.2 | 42.5 | 20 | 23.8 | -1.1 | 18.8 | 16 | 0.0 | 0.0 | - 15.7 | 0.0 | .. | 0 | - 1.4 | 8.5 | 6.2 | -0.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 41.6 | -0.4 | 45.9 | 21 | 24.3 | -3.0 | 19.3 | 17 | 0.0 | 0.0 | - 8.1 | 0.0 | .. | 0 | - 1.0 | 15.0 | 13.7 | +4.7 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Banswara | 40.6 | .. | 43.4 | 20 | 25.2 | .. | 23.9 | 04 ds | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 12.9 | 12.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 42.6 | +0.0 | 46.3 | 27 | 28.2 | +0.2 | 20.9 | 02 | 0.0 | 1.0 | - 5.8 | 1.0 | 31 | 0 | - 0.9 | 18.0 | 12.8 | +5.0 | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 42.4 | +0.0 | 46.0 | 22 | 27.1 | +0.3 | 21.3 | 13 | 0.0 | 0.2 | - 9.8 | 0.2 | 31 | 0 | - 0.6 | 16.1 | 12.2 | +2.7 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 40.3 | .. | 43.8 | 26 | 23.6 | .. | 16.9 | 15 | 3.4 | 17.4 | .. | 15.6 | 31 | 1 | .. | 12.9 | 11.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 42.7 | +0.0 | 46.0 | 23 | 26.8 | +0.4 | 21.0 | 15 | 0.0 | 0.0 | - 9.1 | 0.0 | .. | 0 | - 0.9 | 12.0 | 7.7 | +1.7 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Guna | 41.5 | +0.0 | 44.8 | 21 | 25.9 | +0.1 | 19.6 | 16 | 0.0 | 0.0 | - 10.9 | 0.0 | .. | 0 | - 0.9 | 19.7 | 14.1 | +3.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 39.3 | -0.7 | 43.1 | 20 | 24.8 | -1.3 | 20.1 | 12 | 0.0 | 8.6 | - 5.9 | 8.6 | 12 | 1 | - 0.2 | 19.2 | 18.4 | +4.5 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 41.6 | -0.8 | 45.1 | 21 | 26.9 | -0.1 | 20.5 | 16 | 0.0 | 0.0 | - 13.3 | 0.0 | .. | 0 | - 1.1 | 17.3 | 15.5 | +3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 41.8 | +1.1 | 44.5 | 09 | 23.1 | -3.9 | 19.9 | 04 | 0.0 | 0.0 | - 9.9 | 0.0 | .. | 0 | - 1.1 | 12.3 | 11.5 | +1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 39.2 | -0.3 | 42.8 | 20 | 23.6 | -2.3 | 21.7 | 11 | 0.0 | 0.0 | - 10.6 | 0.0 | .. | 0 | - 0.9 | 18.9 | 17.3 | +6.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 40.2 | -0.5 | 43.7 | 23 | 25.2 | -1.2 | 21.0 | 17 | 8.0 | 0.0 | - 10.2 | 0.0 | .. | 0 | - 0.8 | 22.7 | 19.5 | +7.6 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 39.4 | .. | 43.1 | 20 | 23.9 | .. | 17.6 | 17 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 25.0 | 20.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 42.4 | .. | 45.0 | 4 ds | 25.3 | .. | 18.4 | 18 | 3.0 | 5.0 | .. | 3.0 | 04 | 1 | .. | 9.7 | 7.6 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 42.0 | +0.0 | 45.3 | 21 | 27.2 | -0.4 | 21.6 | 07 | 2.1 | 0.0 | - 11.4 | 0.0 | .. | 0 | - 1.1 | 12.8 | 9.5 | +3.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 39.3 | -0.6 | 42.5 | 20 | 23.5 | -1.3 | 20.0 | 17 | 0.0 | 0.0 | - 12.7 | 0.0 | .. | 0 | - 1.3 | 29.2 | 25.0 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 |
| Rajpur (Jhabua) | 38.8 | -0.9 | 42.2 | 18 | .. | .. | .. | .. | 0.0 | 0.0 | - 11.4 | 0.0 | .. | 0 | - 0.3 | 19.5 | 15.9 | +2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 38.7 | -0.7 | 42.6 | 22 | 25.4 | -0.7 | 19.4 | 06 | 13.0 | 31.4 | + 16.2 | 13.0 | 05 | 3 | + 1.8 | 16.0 | 11.1 | +3.5 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 40.2 | -0.2 | 43.5 | 26 | 24.6 | -0.9 | 20.1 | 06 | 16.0 | 32.0 | + 8.6 | 13.2 | 06 | 3 | + 0.9 | 11.8 | 8.0 | +1.0 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Betul | 38.4 | -0.9 | 42.0 | 22 | 23.8 | -1.0 | 18.7 | 07 | 4.8 | 21.8 | + 11.5 | 20.8 | 03 | 1 | + 0.0 | 9.8 | 6.5 | -0.6 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Khandwa | 41.1 | -0.8 | 44.7 | 20 | 25.8 | -2.1 | 21.0 | 14 | 8.2 | 19.2 | + 11.1 | 10.0 | 03 | 2 | + 1.3 | 18.3 | 16.6 | +2.5 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 42.4 | +0.3 | 45.8 | 28 | 27.0 | +0.1 | 22.6 | 16 | 0.0 | 0.0 | - 12.5 | 0.0 | .. | 0 | - 1.2 | 13.7 | 9.1 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 42.2 | .. | 45.7 | 28 | 25.9 | .. | 22.2 | 16 | 1.2 | 1.2 | .. | 1.2 | 29 | 0 | .. | 10.3[a] | 6.0[b] | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 42.8 | +0.8 | 46.4 | 28 | 26.7 | +0.9 | 22.4 | 19 | 0.0 | 0.0 | - 3.1 | 0.0 | .. | 0 | - 0.6 | 11.4 | 7.0 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 41.4 | +0.0 | 45.2 | 23 | 27.0 | +0.5 | 21.4 | 06 | 0.0 | 2.0 | - 7.9 | 2.0 | 05 | 0 | - 1.0 | 12.3 | 6.9 | +1.1 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 |
| Jabalpur | 41.2 | -0.7 | 44.7 | 22 | 26.4 | +0.5 | 20.3 | 16 | 62.9 | 87.7 | + 73.2 | 85.0 | 05 | 1 | - 0.4 | 11.7 | 7.8 | +0.7 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 39.8 | +0.2 | 43.6 | 26 | 24.8 | +0.0 | 20.3 | 05 | 0.0 | 12.6 | - 2.2 | 12.6 | 05 | 1 | - 0.5 | 15.1 | 10.5 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jashpurnagar | 37.8 | .. | 41.8 | 29 | 23.2 | .. | 17.4 | 09 | 15.8 | 65.2 | .. | 34.0 | 01 | 3 | .. | 10.8 | 6.6 | .. | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 39.5 | +0.2 | 43.1 | 26 | 27.1 | +1.0 | 20.0 | 06 | 0.0 | 9.9 | - 14.2 | 9.9 | 05 | 1 | - 1.2 | 15.0 | 10.5 | +1.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Mandla | 41.1 | -0.2 | 44.4 | 24 | .. | .. | .. | .. | 0.0 | 25.6 | + 17.9 | 20.4 | 01 | 2 | + 1.1 | 11.2 | 6.4 | +1.5 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Champa | 42.9 | -0.1 | 46.8 | 28 | 27.9 | -1.0 | 21.8 | 05 | 2.2 | 40.2 | + 28.0 | 37.2 | 05 | 2 | + 0.7 | 10.4 | 6.9 | +0.2 | 0 | 2 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Raigarh | 42.9 | +0.1 | 46.6 | 25 | 27.9 | -1.0 | 22.6 | 05 | 0.0 | 34.0 | + 20.3 | 21.4 | 05 | 2 | + 0.3 | 8.0 | 6.4 | +0.1 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 41.8 | -0.5 | 46.3 | 23 | 28.1 | -0.7 | 21.2 | 06 | 11.0 | 23.2 | + 1.9 | 14.0 | 06 | 3 | + 1.1 | 11.3 | 9.0 | -1.7 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 40.7 | +0.4 | 45.0 | 24 | 27.3 | +0.1 | 21.9 | 17 | 14.4 | 16.3 | - 7.8 | 16.3 | 06 | 1 | - 0.9 | 12.2 | 8.2 | -0.1 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 40.3 | +2.0 | 44.6 | 24 | 25.7 | +1.1 | 21.5 | 17 | 1.3 | 29.9 | - 30.6 | 22.4 | 06 | 2 | - 2.8 | .. | .. | .. | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 41.6 | +0.3 | 45.0 | 06 | 24.3 | -1.5 | 21.3 | 17 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.6 | 15.7 | 12.5[b] | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | Data rejected | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Idar | 40.0 | -0.6 | 43.5 | 06 | 25.5 | -0.3 | 22.3 | 14 | 0.0 | 8.4 | + 5.9 | 8.4 | 12 | 1 | + 0.7 | 12.7 | 9.3 | -0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 42.2 | +1.5 | 44.9 | 06 | 25.8 | -0.5 | 23.3 | 01 | 0.1 | 0.1 | - 9.8 | 0.1 | 12 | 0 | - 0.7 | 11.7 | 9.1 | -0.4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 39.1 | -0.3 | 43.0 | 18 | 24.8 | -1.2 | 22.7 | 13 | 0.0 | 0.0 | - 9.7 | 0.0 | .. | 0 | - 0.4 | 26.8 | 25.4 | -0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 40.3 | .. | 46.5 | 03 | 24.6 | .. | 21.3 | 18 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.5 | 11.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Baroda Aerodrome | 39.9 | -0.7 | 44.7 | 03 | 25.9 | -0.9 | 22.4 | 17 | 0.0 | 0.0 | - 3.7 | 0.0 | .. | 0 | - 0.2 | 17.1 | 16.3 | +4.2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 40.4 | -0.3 | 45.6 | 03 | 26.3 | +0.2 | 23.4 | 11 | 3.0 | 3.0 | - 1.1 | 3.0 | 13 | 1 | + 0.9 | 14.0 | 13.2 | +4.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 38.5 | -1.2 | 46.4 | 03 | 26.2 | -0.7 | 23.8 | 01 | 0.0 | 0.0 | - 17.0 | 0.0 | .. | 0 | - 0.5 | 15.6[e] | 13.6[e] | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 36.4 | +0.2 | 44.6 | 17 | 25.5 | -1.1 | 22.5 | 01 | 0.0 | 0.0 | - 7.1 | 0.0 | .. | 0 | - 0.3 | 20.9 | 14.6 | +3.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 35.8 | +0.6 | 44.0 | 04 | 23.9 | -0.9 | 19.0 | 01 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 30.0 | 21.6 | +4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 39.3 | +0.6 | 44.2 | 06 | 25.0 | -0.6 | 21.1 | 03 | 0.0 | 0.0 | - 7.4 | 0.0 | .. | 0 | - 0.2 | 32.0 | 24.7 | +7.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 39.8 | .. | 45.5 | 06 | 24.8 | .. | 20.2 | 06 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 38.3 | 32.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 36.7 | +0.6 | 42.8 | 18 | 25.9 | -0.2 | 22.8 | 06 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 34.6 | 30.1 | +4.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Mandvi | 33.7 | +1.0 | 42.9 | 03 | 25.8 | -0.4 | 22.0 | 18 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 33.1 | 30.4 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 41.3 | -0.5 | 44.7 | 06 | 25.5 | -0.6 | 23.3 | 01 | 0.0 | 13.1 | + 8.0 | 13.1 | 13 | 1 | + 0.6 | 19.0 | 17.6 | -0.7 | 0 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Okha | 31.6 | .. | 35.4 | 03 | 25.8 | .. | 24.2 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 28.3 | 26.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 38.3 | +2.2 | 42.7 | 05 | 24.3 | -1.1 | 21.7 | 08 | 0.0 | 0.0 | - 6.1 | 0.0 | .. | 0 | - 0.3 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 31.5 | +0.3 | 37.5 | 03 | 26.6 | -0.4 | 25.2 | 03 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | + 0.0 | 24.0 | 22.2 | +2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 40.6 | +0.1 | 44.0 | 06 | 24.1 | -0.6 | 20.6 | 01 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | 35.1 | 30.2 | +4.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| Bhaunagar Aerodrome | 41.1 | +1.5 | 43.9 | 07 | 26.0 | +0.0 | 22.7 | 19 | 0.6 | 0.6 | - 0.8 | 0.6 | 13 | 0 | - 0.2 | 31.1 | 27.3 | +3.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 34.3 | +2.0 | 45.5 | 03 | 25.6 | -0.9 | 20.6 | 19 | 0.0 | 0.0 | - 0.1 | 0.0 | .. | 0 | .. | 25.2 | 19.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 37.4 | -0.4 | 44.5 | 17 | 24.3 | -0.7 | 20.7 | 01 | 0.0 | 0.0 | - 0.2 | 0.0 | .. | 0 | + 0.0 | 31.7 | 24.3 | +2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 34.6 | .. | 42.4 | 02 | 24.5 | .. | 18.9 | 01 | 0.0 | 0.0 | + 0.0 | 0.0 | .. | 0 | + 0.0 | 13.1[b] | 16.4[c] | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 32.5 | +1.4 | 42.3 | 03 | 25.0 | -0.9 | 20.0 | 01 | 1.8 | 1.8 | - 6.1 | 1.8 | 12 | 0 | - 0.3 | 27.4 | 24.3 | +7.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 31.9 | -1.0 | 33.7 | 20 | 26.8 | +0.0 | 19.9 | 08 | 0.0 | 0.0 | - 5.8 | 0.0 | .. | 0 | - 0.5 | 18.0 | 16.7 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 33.4 | +0.2 | 36.0 | 17 | 26.0 | -0.2 | 23.2 | 01 | 8.0 | 9.4 | - 11.0 | 9.4 | 03 | 1 | - 0.4 | 20.1 | 13.7 | +0.9 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 33.1 | -0.2 | 34.1 | 17 | 26.7 | -0.2 | 24.8 | 01 | 0.0 | 1.9 | - 16.4 | 1.9 | 03 | 0 | - 0.8 | 12.5 | 10.0 | +0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 33.0 | +1.2 | 35.8 | 04 | 26.6 | +0.2 | 23.9 | 08 | .. | 0.5 | - 17.3 | 0.5 | 03 | 0 | - 0.9 | . | 15.6 | +2.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 38.5 | .. | 44.5 | 02 | 25.1 | .. | 22.4 | 08 | 7.6 | 11.4 | .. | 5.6 | 05 | 2 | .. | 6.8 | 4.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 30.6 | -0.1 | 31.8 | 23 | 27.1 | -0.1 | 25.3 | 09 | 0.0 | 1.4 | - 42.6 | 1.4 | 03 | 0 | - 2.7 | 17.5 | 15.6 | -0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 32.2 | -0.5 | 34.0 | 20 | 26.1 | -0.7 | 22.9 | 03 | 16.8 | 44.9 | + 14.2 | 30.4 | 03 | 3 | + 1.3 | 15.8 | 11.1 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 31.7 | -0.9 | 33.4 | 29 | 26.8 | -0.4 | 24.6 | 04 | 6.4 | 41.8 | - 11.3 | 33.0 | 03 | 2 | - 1.1 | 20.7 | 18.7 | +1.1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.7 | -0.9 | 33.4 | 01 | 25.1 | -0.8 | 22.9 | 01 | 55.3 | 188.0 | +102.9 | 116.8 | 03 | 2 | - 2.3 | 14.3 | 8.8 | .. | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 31.8 | .. | 33.1 | 31 | 25.7 | .. | 23.2 | 05 | 154.2 | 314.4 | .. | 161.9 | 04 | 3 | .. | 16.3 | 12.0 | .. | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mormugao | 30.9 | -0.4 | 32.0 | 31 | 26.1 | -0.8 | 21.0 | 03 | 128.5 | 267.4 | +208.4 | 133.2 | 04 | 3 | + 0.6 | 17.1 | 16.0 | +1.4 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 |
| Dabolim (Naval Air Station) | 31.5 | .. | 33.5 | 14 | 26.4 | .. | 23.5 | 06 | 109.4 | 252.4 | .. | 105.0 | 03 | 3 | .. | 14.4 | 11.6 | .. | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 39.5 | -1.2 | 44.2 | 17 | 24.5 | -2.2 | 22.7 | 05 | 0.0 | 1.8 | - 15.9 | 1.8 | 04 | 0 | - 1.1 | 18.9 | 15.4 | +2.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 41.7 | -0.9 | 45.9 | 18 | 24.7 | -2.5 | 20.6 | 05 | 0.0 | 24.6 | + 14.0 | 19.0 | 04 | 2 | + 1.1 | 29.1 | 25.1 | +3.5 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 39.5 | -1.2 | 43.0 | 17 | 22.7 | -1.6 | 20.4 | 05 | 4.4 | 135.3 | +117.5 | 130.4 | 04 | 2 | + 0.9 | 17.5 | 14.2 | +2.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | .. | .. | .. | .. | 17.7 | .. | .. | .. | .. | 5.0[i] | .. | .. | .. | .. | .. | . | 22.0[l] | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 38.2 | -0.9 | 41.7 | 19 | 21.1 | -2.0 | 18.9 | 07 | 29.6 | 72.8 | + 52.0 | 40.0 | 03 | 2 | + 0.4 | 15.2 | 10.8 | +0.6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20.0 | - 0.9 | 13.0 | 05 | 2 | + 0.0 | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 36.2 | .. | 42.0 | 18 | 21.2 | .. | 19.0 | 08 | 36.8 | 85.3 | .. | 37.3 | 03 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Poona | 36.1 | -0.6 | 42.3 | 18 | 21.8 | -0.6 | 19.7 | 19 | 30.9 | 74.7 | + 47.3 | 35.5 | 04 | 3 | + 1.2 | 14.3 | 12.4 | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Jeur | 37.9 | -1.8 | 40.9 | 19 | 22.3 | -1.9 | 19.5 | 07 | 15.6 | 102.4 | + 58.5 | 64.0 | 03 | 3 | + 0.3 | 20.2 | 18.4 | +4.0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 37.1 | -1.6 | 41.5 | 02 | 21.7 | -2.0 | 19.5 | 11 | 32.7 | 132.2 | + 90.7 | 84.7 | 04 | 2 | - 0.6 | 19.8 | 16.5 | +2.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 39.0 | -1.4 | 43.0 | 19 | 23.6 | -1.9 | 20.7 | 07 | 24.8 | 128.9 | +106.6 | 76.0 | 04 | 3 | + 1.1 | 15.5 | 12.5 | +0.6 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 35.1 | -2.3 | 40.6 | 19 | 21.4 | -1.3 | 18.3 | 12 | 114.0 | 192.6 | +136.2 | 95.0 | 04 | 3 | - 0.4 | .. | .. | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 33.8 | -1.9 | 40.8 | 01 | 21.4 | -1.1 | 19.4 | 12 | 94.2 | 213.5 | +135.3 | 102.5 | 03 | 3 | - 1.5 | 20.6 | 17.1 | +2.0 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Udgiri | 27.7 | .. | 30.7 | 03 | 19.2 | .. | 17.3 | 07 | 199.4 | 520.6[b] | .. | .. | .. | .. | .. | 14.3[a] | 12.9[b] | .. | . | .. | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 38.5 | -1.3 | 41.8 | 20 | 23.1 | -1.9 | 20.0 | 12 | 23.2 | 41.2 | + 24.4 | 20.4 | 03 | 3 | + 1.8 | 20.8 | 19.7 | +2.6 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 38.3 | -0.9 | 41.6 | 20 | 22.6 | -0.8 | 19.4 | 12 | 24.4 | 50.1 | + 25.9 | 19.3 | 03 | 3 | + 1.1 | 24.0 | 20.5 | +3.2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 40.9 | -0.8 | 44.6 | 20 | 24.5 | -2.2 | 21.6 | 06 | 40.0 | 43.0 | + 24.2 | 35.8 | 05 | 2 | + 0.6 | 15.9 | 13.1 | +0.5 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nander | 41.0 | .. | 45.2 | 20 | 24.3 | .. | 20.0 | 18 | 11.9 | 16.6 | .. | 16.4 | 05 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 39.8 | .. | 43.4 | 19 | 22.7 | .. | 20.0 | 11 | 23.2 | 47.2 | .. | 25.6 | 04 | 3 | .. | 15.9 | 10.9 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 42.3 | +0.2 | 46.4 | 23 | 27.6 | -1.3 | 20.4 | 06 | 29.4 | 50.2 | + 44.1 | 29.4 | 06 | 2 | + 1.3 | 7.7 | 4.9 | -0.7 | 0 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 41.7 | -1.1 | 45.8 | 23 | 27.2 | -1.2 | 20.0 | 05 | 22.0 | 80.7 | + 59.9 | 58.7 | 05 | 2 | - 0.1 | 20.6 | 18.0 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Amraoti | 40.9 | -1.3 | 44.6 | 23 | 26.3 | -1.5 | 18.7 | 05 | 1.7 | 72.2 | + 59.0 | 56.2 | 05 | 3 | + 1.8 | 19.7 | 14.5 | +2.2 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 41.4 | .. | 45.4 | 20 | 23.8 | .. | 18.6 | 05 | 1.7 | 20.9 | .. | 10.7 | 05 | 3 | .. | 15.3 | 13.7 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Akola | 41.0 | -1.4 | 44.8 | 21 | 25.3 | -2.8 | 15.3 | 04 | 0.9 | 4.6 | - 6.1 | 3.7 | 04 | 1 | - 0.1 | 17.5 | 15.3 | +1.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 41.9 | -0.2 | 46.0 | 23 | 26.5 | +0.1 | 20.8 | 06 | 48.3 | 58.3 | + 33.5 | 48.3 | 06 | 2 | + 0.1 | 9.7 | 6.4 | -1.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 36.2 | -2.1 | 40.9 | 20 | 23.1 | -3.1 | 19.5 | 05 | 0.0 | 16.6 | - 1.5 | 10.4 | 04 | 2 | + 0.3 | 17.7 | 15.8 | +0.8 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Yeotmal | 40.8 | -1.0 | 45.3 | 23 | 25.7 | -2.6 | 18.3 | 06 | 37.6 | 60.4 | + 47.6 | 37.6 | 06 | 2 | + 1.0 | 22.2 | 19.0 | +3.5 | 0 | 3 | 0 | 1 | 4 | 0 | 0 | 0 | 2 | 0 |
| Chanda | 41.9 | -0.9 | 46.1 | 22 | 26.7 | -1.6 | 22.4 | 06 | 8.0 | 28.8 | + 15.1 | 20.8 | 05 | 2 | + 0.7 | 16.4 | 9.3 | +2.0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 42.4 | .. | 44.4 | 26 | 24.9 | .. | 19.1 | 06 | 0.2 | 16.0 | .. | 16.0 | 05 | 1 | .. | 14.9 | 12.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 43.1 | +1.0 | 46.6 | 23 | 28.7 | -0.6 | 24.7 | 17 | 0.0 | 0.0 | - 16.5 | 0.0 | .. | 0 | - 1.3 | 8.7 | 6.1 | -1.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wardha (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 41.6 | .. | 46.0 | 23 | 27.2 | .. | 21.3 | 06 | 39.4 | 88.8 | .. | 64.6 | 05 | 2 | .. | 12.9 | 9.8 | .. | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Vishakhapatnam | 37.1 | +3.1 | 42.6 | 14 | 27.9 | +0.1 | 23.9 | 01 | 9.3 | 48.3 | + 0.0 | 27.7 | 01 | 3 | + 0.4 | 20.8 | 12.7 | -3.2 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 38.4 | +1.5 | 45.1 | 23 | 28.3 | +0.6 | 25.5 | 01 | 0.8 | 7.2 | - 35.2 | 4.8 | 02 | 1 | - 1.7 | 14.2 | 10.6 | -0.5 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 41.8 | +3.5 | 46.8 | 23 | 28.3 | +1.4 | 24.8 | 01 | 0.0 | 0.6 | - 49.6 | 0.6 | 01 | 0 | - 2.4 | 8.6 | 8.0 | +0.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 42.9 | +1.4 | 46.0 | 04 | 30.4 | +1.8 | 25.0 | 02 | 0.0 | 7.0 | - 29.3 | 7.0 | 02 | 1 | - 1.5 | 8.1 | 9.6 | -0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 42.7 | +3.0 | 47.6 | 23 | 28.2 | +0.5 | 24.4 | 11 | 3.2 | 31.4 | - 3.3 | 23.2 | 02 | 2 | - 1.1 | 21.3 | 15.6 | +0.1 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam | 39.5 | +3.0 | 46.0 | 23 | 27.4 | -0.6 | 23.6 | 01 | 28.6 | 49.2 | + 10.1 | 25.0 | 03 | 3 | + 0.8 | 6.2 | 4.5 | -9.3 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 41.7 | +3.5 | 46.0 | 28 | 29.2 | +1.2 | 24.2 | 02 | 10.0 | 78.9 | + 16.3 | 50.9 | 02 | 3 | + 0.6 | 11.7 | 10.0 | -0.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 40.7 | +1.1 | 44.5 | 15 | 29.0 | +1.2 | 23.4 | 01 | 5.7 | 66.8 | + 30.2 | 40.1 | 01 | 2 | + 0.4 | 15.1 | 12.1 | +1.8 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 42.9 | +0.1 | 46.4 | 25 | 29.0 | -0.7 | 23.6 | 18 | 0.0 | 2.0 | - 31.8 | 2.0 | 05 | 0 | - 2.2 | 11.0 | 7.0 | -1.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad | 41.3 | -0.2 | 45.3 | 20 | 26.5 | -1.2 | 23.1 | 18 | 0.0 | 2.2 | - 15.6 | 2.2 | 05 | 0 | - 1.5 | 13.6 | 10.2 | +3.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hanamkonda | 41.9 | +1.1 | 45.3 | 23 | 28.1 | +0.0 | 19.9 | 20 | 0.0 | 3.0 | - 26.2 | 2.6 | 06 | 1 | - 0.9 | 9.0 | 13.1 | +1.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 38.6 | .. | 41.7 | 19 | 25.6 | .. | 21.4 | 06 | 3.3 | 4.3 | .. | 4.3 | 02 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 43.3 | +2.5 | 47.2 | 24 | 29.1 | +1.1 | 26.5 | 03 | 7.0 | 7.0 | - 18.4 | 4.0 | 05 | 2 | - 0.3 | 7.8 | 7.3 | -2.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 39.2 | +0.5 | 42.6 | 20 | 25.6 | -0.6 | 21.6 | 06 | 2.7 | 5.9 | - 22.6 | 4.8 | 02 | 1 | - 1.4 | 20.7 | 18.0 | +5.6 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 42.7 | +1.4 | 46.5 | 23 | 29.0 | +0.9 | 25.8 | 03 | 0.0 | 2.0 | - 27.0 | 2.0 | 02 | 0 | - 2.2 | 9.0 | 4.9 | -4.8 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 39.4 | +1.0 | 42.6 | 26 | 25.9 | -0.3 | 22.1 | 02 | 15.0 | 26.8 | - 34.0 | 15.0 | 06 | 3 | - 0.3 | 15.6 | 13.7 | +2.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 40.0 | +0.0 | 42.7 | 16 | 26.1 | -1.1 | 23.6 | 13 | 3.0 | 20.6 | - 9.1 | 11.2 | 03 | 2 | - 0.7 | 17.6 | 15.1 | +1.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anantapur | 38.3 | +0.2 | 40.9 | 16 | 25.9 | +0.1 | 23.5 | 03 | 44.9 | 56.0 | + 2.7 | 47.7 | 02 | 2 | - 1.6 | 18.8 | 17.3 | +5.1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 40.3 | +0.0 | 43.6 | 15 | 28.7 | +0.0 | 25.1 | 02 | 24.4 | 27.6 | - 11.0 | 24.4 | 02 | 2 | - 0.6 | 10.5 | 8.8 | +0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 35.0 | +0.3 | 37.8 | 17 | 23.2 | -0.3 | 18.0 | 01 | 0.0 | 59.2 | - 3.4 | 32.2 | 01 | 2 | - 2.0 | 19.3 | 12.8 | +2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 37.9 | +2.3 | 42.2 | 31 | 28.1 | +0.7 | 22.4 | 01 | 4.8 | 81.7 | + 10.9 | 75.2 | 01 | 2 | + 0.0 | 11.3 | 10.5 | +0.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 39.0 | +1.4 | 42.0 | 25 | 28.2 | +0.4 | 21.9 | 01 | 1.1 | 90.1 | + 52.2 | 88.0 | 01 | 1 | - 0.3 | 15.8 | 14.3 | +1.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 39.2 | +0.8 | 42.5 | 23 | 27.0 | +0.4 | 21.7 | 03 | 18.0 | 107.8 | + 39.7 | 60.8 | 01 | 3 | - 0.8 | 11.8 | 8.5 | +0.5 | 0 | 3 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 40.2 | .. | 44.0 | 28 | 27.7 | .. | 21.8 | 01 | 4.5 | 104.6 | .. | 95.0 | 01 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 38.0 | +1.5 | 41.5 | 31 | 24.3 | +0.2 | 19.8 | 01 | 0.0 | 130.6 | + 65.4 | 83.3 | 01 | 2 | - 2.0 | 11.4 | 6.4 | +1.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 38.1 | .. | 40.4 | 16 | 25.1 | .. | 21.2 | 02 | 22.0 | 50.4 | .. | 37.0 | 02 | 3 | .. | 5.7 | 7.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 37.2 | +1.5 | 40.5 | 25 | 26.9 | -0.2 | 21.5 | 01 | 0.0 | 380.9 | +331.6 | 349.9 | 01 | 3 | + 1.3 | 14.2 | 13.8 | +1.2 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 38.7 | +0.3 | 41.7 | 16 | 26.7 | +0.1 | 21.0 | 02 | 22.0 | 190.4 | +101.6 | 103.0 | 01 | 5 | + 0.5 | 6.8 | 6.8 | .. | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Salem | 37.2 | +0.4 | 40.1 | 16 | 26.1 | +0.6 | 21.0 | 01 | 33.2 | 74.3 | - 32.1 | 37.0 | 02 | 3 | - 3.5 | 9.4 | 7.3 | -0.8 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 34.6 | +0.7 | 37.8 | 14 | 23.4 | +0.1 | 21.6 | 02 | 1.8 | 18.3 | - 54.3 | 14.7 | 02 | 1 | - 3.8 | 30.0 | 26.6 | +3.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore | 34.3 | +0.8 | 38.2 | 14 | 23.6 | +0.0 | 21.5 | 02 | .. | 22.2 | - 41.3 | 16.2 | 02 | 1 | - 3.3 | . | 13.4 | +2.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 37.5 | +2.0 | 41.4 | 26 | 27.8 | +0.4 | 22.3 | 01 | 0.0 | 46.0 | - 3.0 | 29.2 | 02 | 2 | + 0.0 | 16.3 | 14.3 | +1.6 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 39.0 | +1.9 | 41.6 | 25 | 27.3 | +0.9 | 22.3 | 01 | 1.2 | 8.2 | - 73.6 | 4.2 | 01 | 2 | - 2.0 | 17.7 | 15.3 | -2.1 | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Vedaraniyam | 34.2 | .. | 36.2 | 26 | 26.5 | .. | 21.3 | 01 | 0.0 | 61.2 | .. | 61.2 | 02 | 1 | .. | 6.3 | 5.9 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 34.0 | .. | 39.0 | 29 | 27.4 | .. | 23.0 | 01 | 5.0 | 33.0 | .. | 26.0 | 02 | 2 | .. | 21.5 | 17.5 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 39.4 | +1.9 | 41.3 | 23 | 27.0 | +0.7 | 24.4 | 02 | .. | 1.0 | - 66.3 | 1.0 | 01 | 0 | - 4.7 | . | 5.7 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 39.0 | +2.7 | 41.3 | 26 | 27.4 | +1.6 | 23.8 | 02 | 0.0 | 2.2 | - 49.8 | 1.0 | 02 | 0 | - 3.0 | 11.9 | 11.2 | +0.5 | 1 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 33.5 | +0.2 | 40.1 | 16 | 26.9 | +0.2 | 23.1 | 01 | 10.2 | 27.0 | - 37.2 | 16.8 | 01 | 2 | - 0.7 | 23.2 | 21.4 | +5.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 32.3 | -0.3 | 33.6 | 11 | 27.3 | -0.2 | 22.7 | 23 | 0.0 | 29.8 | + 4.9 | 29.8 | 01 | 1 | - 0.8 | 24.5 | 21.4 | +3.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 36.0 | +1.7 | 39.5 | 23 | 25.9 | -1.0 | 22.5 | 01 | 0.0 | 10.2 | - 27.0 | 10.2 | 01 | 1 | - 2.2 | 19.6 | 14.3 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 39.1 | +2.6 | 42.8 | 09 | 25.5 | -1.5 | 23.9 | 01 | 6.8 | 26.2 | - 13.2 | 19.4 | 01 | 2 | - 0.5 | 16.6 | 11.4 | +1.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 32.4 | .. | 34.4 | 16 | 26.2 | .. | 23.3 | 01 | 0.0 | 12.4 | .. | 10.2 | 01 | 1 | .. | 23.8 | 22.7 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 29.7 | -1.8 | 31.4 | 31 | 26.8 | +0.5 | 22.9 | 11 | 58.0 | 168.3 | + 72.1 | 115.2 | 03 | 5 | + 1.1 | 10.5 | 9.0 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 31.4 | -0.9 | 32.8 | 31 | 25.3 | -0.5 | 22.7 | 12 | 147.6 | 251.7 | +136.9 | 189.6 | 03 | 4 | - 0.9 | .. | .. | .. | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 2 | 0 | 0 |
| Mangalore (Bajpe) | 32.1 | -0.1 | 33.6 | 14 | 25.1 | +0.5 | 23.2 | 02 | 49.2 | 125.2 | -203.7 | 78.2 | 03 | 4 | - 7.9 | 13.2 | 7.9 | -0.9 | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 31.7 | -0.4 | 32.6 | 28 | 26.2 | +0.2 | 24.0 | 02 | 25.9 | 74.5 | -103.0 | 47.6 | 03 | 3 | - 4.2 | 14.2 | 11.5 | +1.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 38.2 | -0.4 | 41.8 | 20 | 24.9 | -1.1 | 14.2 | 05 | 9.1 | 15.3 | - 9.8 | 10.9 | 05 | 2 | - 0.4 | 19.2 | 17.4 | +3.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 39.2 | -1.0 | 42.8 | 20 | 24.7 | -1.6 | 22.0 | 08 | 28.6 | 64.8 | + 36.9 | 46.2 | 05 | 2 | - 0.5 | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 37.7 | -0.8 | 41.6 | 19 | 22.7 | -1.2 | 20.9 | 04 ds | 10.8 | 57.6 | + 28.1 | 28.2 | 03 | 4 | + 1.5 | 11.5 | 12.6 | +2.1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 39.8 | +0.2 | 42.7 | 19 | 25.4 | -1.1 | 22.0 | 06 | 8.6 | 12.6 | - 13.8 | 8.6 | 06 | 2 | - 0.4 | 19.6 | 17.5 | +2.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 33.4 | -0.6 | 39.6 | 01 | 20.5 | -0.1 | 18.6 | 08 | 167.8 | 397.2 | +330.7 | 148.8 | 03 | 5 | + 0.3 | 14.0 | 9.9 | -0.7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) | 31.8 | -1.5 | 37.2 | 01 | 20.5 | -0.3 | 18.2 | 12 | 162.8 | 386.4 | +258.7 | 139.2 | 04 | 5 | - 2.6 | 17.5 | 14.4 | -4.1 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 34.9 | -1.6 | 39.4 | 01 | 21.5 | -1.1 | 19.5 | 12 | 54.9 | 122.6 | + 53.5 | 78.9 | 03 | 4 | - 0.5 | 13.8 | 15.4 | +1.6 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 38.1 | +0.2 | 41.6 | 16 | 25.4 | -0.4 | 19.0 | 02 | 6.0 | 31.0 | - 17.3 | 27.0 | 02 | 2 | - 1.5 | 16.9 | 13.9 | +3.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 34.0 | -1.1 | 37.0 | 16 | 22.2 | -0.1 | 20.8 | 22 | 15.8 | 98.2 | + 18.9 | 60.8 | 02 | 3 | - 1.5 | 11.9 | 12.0 | +1.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 33.3 | -0.5 | 38.3 | 01 | 21.0 | -1.5 | 18.7 | 07 | 45.8 | 116.9 | - 0.7 | 45.7 | 07 | 3 | - 3.6 | 9.3 | 5.9 | -0.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 27.5 | .. | 30.4 | 14 | 20.5 | .. | 16.8 | 13 | .. | 227.0 | .. | 138.0 | 03 | 4 | .. | . | 4.4 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 31.5 | +2.1 | 34.5 | 14 | 19.1 | -0.4 | 16.9 | 22 | .. | 132.3 | + 13.2 | 62.0 | 02 | 3 | - 4.7 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 31.1 | -0.4 | 34.7 | 16 | 19.9 | -0.4 | 18.3 | 05 | 48.0 | 145.0 | + 29.7 | 92.0 | 02 | 2 | - 5.4 | 11.8 | 10.8 | -0.7 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 32.3 | -0.4 | 34.8 | 16 | 21.6 | +0.5 | 19.9 | 04 | 69.0 | 131.5 | + 24.1 | 93.2 | 02 | 3 | - 3.7 | 14.5 | 12.0 | +0.2 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Bangalore Aerodrome | 32.3 | -0.6 | 34.9 | 25 | 20.6 | -0.6 | 18.8 | 05 | 77.7 | 124.1 | + 15.6 | 93.6 | 02 | 6 | - 1.0 | .. | .. | .. | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 32.8 | +0.2 | 35.0 | 07 | 21.7 | +0.5 | 20.1 | 22 | 45.3 | 76.3 | - 74.8 | 32.0 | 02 | 4 | - 4.1 | 11.8 | 10.5 | +0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 32.4 | -0.1 | 33.4 | 05 | 26.2 | +0.6 | 23.6 | 02 | 0.0 | 105.6 | -156.0 | 62.4 | 02 | 3 | - 6.0 | 13.2 | 12.9 | +0.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 33.5 | +0.1 | 36.4 | 14 | 24.9 | +0.1 | 22.4 | 02 | 15.0 | 149.4 | - 39.1 | 97.0 | 02 | 4 | - 4.4 | 16.8 | 13.9 | +2.1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 31.3 | +0.4 | 32.5 | 03 | 25.6 | -0.1 | 24.4 | 31 | 3.0 | 45.7 | -256.0 | 18.2 | 01 | 5 | - 7.4 | 17.0 | 12.5 | +1.6 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 32.3 | .. | 33.3 | 20 | 26.1 | .. | 24.1 | 31 | 0.6 | 43.6 | .. | 26.3 | 01 | 2 | .. | 14.8 | 10.7 | .. | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 32.8 | +1.2 | 34.1 | 10 | 26.3 | +1.0 | 24.9 | 29 | 4.0 | 35.4 | -338.6 | 11.8 | 25 | 4 | - 9.7 | 17.3 | 14.3 | +0.7 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 34.6 | +2.1 | 36.8 | 14 | 23.8 | -0.1 | 21.8 | 23 | 62.2 | 80.4 | -321.3 | 45.6 | 07 | 4 | -12.0 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 32.7 | +1.1 | 34.5 | 14 | 25.3 | +0.3 | 23.8 | 04 | 2.6 | 28.7 | -179.1 | 19.1 | 07 | 2 | - 7.5 | 18.2 | 12.2 | +3.0 | 1 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 31.7 | +0.3 | 32.6 | 16 | .. | .. | .. | .. | .. | 23.4 | -276.6 | 20.0 | 07 | 2 | -11.6 | . | 11.1 | +2.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Agatti | 32.5 | -0.1 | 33.9 | 29 | 27.2 | -0.1 | 24.2 | 31 | 2.1 | 16.6 | -108.6 | 15.8 | 31 | 1 | - 4.2 | 21.0 | 20.2 | +6.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Androth | 31.3 | .. | 32.6 | 14 | .. | .. | .. | .. | 7.0 | 13.5 | .. | 10.6 | 31 | 1 | .. | 13.7 | 14.5 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 33.1 | .. | 34.0 | 20 | 27.4 | .. | 24.6 | 12 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.7 | 6.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 31.7 | +0.4 | 32.3 | 27 | 26.7 | +0.4 | 23.8 | 07 | 35.6 | 109.6 | - 70.0 | 33.5 | 31 | 6 | - 2.7 | 12.5 | 11.0 | -0.3 | 0 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 26.2 | +0.3 | 32.1 | 28 | 13.6 | -2.1 | 2.1 | 12 | 116.7 | 210.5 | +163.5 | 132.4 | 12 | 6 | + 2.0 | 4.9 | 5.7 | -1.1 | 0 | 8 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 31.1 | +0.3 | 36.4 | 28 | 20.1 | -1.2 | 10.8 | 13 | 28.0 | 71.3 | + 16.7 | 23.6 | 12 | 5 | + 1.1 | 8.2 | 6.2 | -0.2 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 31.2 | .. | 37.3 | 28 | 12.0 | .. | 7.9 | 14 | 23.9 | 66.2 | .. | 21.2 | 13 | 7 | .. | 10.0 | 7.3 | .. | 2 | 9 | 0 | 1 | 13 | 0 | 0 | 0 | 0 | 0 |
| Simla | 24.0 | +0.6 | 28.9 | 29 | .. | .. | .. | .. | 3.2 | 93.8 | + 34.1 | 26.5 | 10 | 6 | + 0.8 | 4.2 | 3.1 | -1.3 | 0 | 7 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 50.6 | + 7.1 | 25.4 | 12 | 5 | + 1.7 | .. | .. | .. | 0 | 5 | . | .. | .. | .. | .. | . | .. | . |
| Lokpal | 1.7 | -1.2 | 4.1 | 23 | - 3.8 | -0.5 | - 5.3 | 01 | .. | 161.0 | +122.1 | 45.2 | 12 | 8 | + 3.5 | .. | .. | .. | 0 | 8 | 8 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Badrinath (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 27.5 | +1.1 | 30.8 | 28 | 16.1 | +2.0 | 11.0 | 13 | 13.2 | 82.8 | + 61.1 | 28.0 | 10 | 7 | + 4.4 | 6.6 | 7.7 | -0.4 | 0 | 8 | 0 | 1 | 4 | 1 | 0 | 0 | 0 | 0 |
| Mussoorie | 25.5 | +0.7 | 31.1 | 28 | 15.9 | +0.8 | 7.2 | 11 | 35.8 | 77.2 | + 25.4 | 31.0 | 11 | 4 | - 0.2 | 12.3 | 9.5 | +1.1 | 0 | 5 | 0 | 1 | 7 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 25.3 | +1.8 | 29.2 | 29 | 13.8 | -0.1 | 5.3 | 12 | 15.0 | 71.2 | + 14.8 | 29.6 | 10 | 4 | - 1.0 | 19.6 | 17.1 | +0.4 | 0 | 6 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 0 |
| Nainital | 24.8 | +0.8 | 28.6 | 28 | 15.0 | -0.4 | 9.0 | 12 | 21.5 | 93.9 | + 18.4 | 37.0 | 11 | 5 | + 1.5 | 11.5 | 8.5 | +0.5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 26.3 | +2.2 | 30.5 | 19 | 19.6 | +2.3 | 18.0 | 28 | 14.6 | 70.8 | - 74.0 | 17.4 | 09 | 8 | - 3.1 | 12.9 | 10.8 | +1.8 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 20.3 | +1.7 | 24.1 | 02 | 12.9 | +0.0 | 10.2 | 07 | 28.4 | 60.6 | -170.8 | 16.0 | 09 | 7 | - 8.2 | 3.8 | 3.5 | +0.0 | 0 | 14 | 0 | 0 | 5 | 9 | 0 | 0 | 0 | 0 |
| Kohima | 26.2 | +1.4 | 30.1 | 04 | 19.7 | +1.9 | 16.2 | 11 | 41.6 | 133.1 | - 43.9 | 25.0 | 09 | 11 | - 3.3 | . | 6.4 | +1.5 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) | 25.6 | +1.2 | 30.3 | 02 | 16.5 | - 0.2 | 13.8 | 10 | 94.7 | 207.0 | - 88.4 | 61.0 | 28 | 14 | - 3.8 | .. | .. | .. | 1 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Cherrapunji | 24.8 | +2.7 | 27.2 | 21 | 16.8 | +0.5 | 14.1 | 28 | .. | 462.3 | - 885.7 | 73.4 | 29 | 18 | - 4.1 | 11.3 | 9.2 | -2.5 | 0 | 25 | 0 | 0 | 0 | 12 | 0 | 0 | 0 | 0 |
| Abu | 31.8 | +0.3 | 35.1 | 21 | 19.3 | -3.0 | 14.2 | 12 | 0.0 | 0.0 | - 20.0 | 0.0 | .. | 0 | - 1.1 | 20.4 | 12.6 | +2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 34.7 | -1.3 | 37.8 | 23 | 23.2 | -1.1 | 17.6 | 18 | 3.2 | 20.3 | + 3.8 | 16.4 | 04 | 2 | + 0.4 | 9.3 | 9.0 | +2.2 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 28.0 | -0.8 | 34.8 | 02 | 17.5 | -0.7 | 14.8 | 12 | 36.4 | 211.6 | +164.6 | 86.1 | 04 | 3 | + 0.3 | 15.7 | 14.6 | +3.0 | 0 | 3 | 0 | 0 | 1 | 11 | 0 | 0 | 0 | 0 |
| Mercara | 26.7 | +0.4 | 31.0 | 14 | 17.6 | -0.7 | 16.0 | 23 | 79.6 | 166.8 | + 30.9 | 83.0 | 03 | 2 | - 6.3 | 11.6 | 11.4 | +1.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Coonoor | 25.8 | +1.6 | 29.1 | 25 | 14.4 | -0.6 | 11.1 | 05 | .. | 40.8 | - 73.9 | 27.6 | 02 | 3 | - 4.1 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 22.2 | +1.8 | 25.5 | 25 | 13.3 | +0.6 | 9.8 | 01 | 18.6 | 27.1 | -129.6 | 10.3 | 09 | 4 | - 6.6 | 13.1 | 12.7 | +0.9 | 3 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 31.5 | +1.1 | 35.2 | 03 | 14.9 | -1.0 | 10.2 | 02 | 38.8 | 82.9 | - 29.9 | 18.6 | 11 | 8 | - 1.2 | 3.0 | 1.5 | -0.4 | 0 | 9 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 18.4[c] | +2.3 | 20.6 | 23 | 12.7[c] | +7.9 | 10.2 | 17 | .. | 267.8 | +120.3 | 116.0 | 26 | 17 | - 0.5 | .. | .. | .. | 0 | 18 | .. | .. | .. | .. | .. | . | .. | . |
| **HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 38.6 | .. | 43.7 | 28 | 26.4 | .. | 20.0 | 18 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 15.9 | 9.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 38.5 | .. | 42.3 | 28 | 24.6 | .. | 20.7 | 18 | 1.3 | 3.5 | .. | 3.0 | 30 | 1 | .. | 13.2 | 8.0 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Konar | 39.7 | .. | 41.6 | 30 | 21.6 | .. | 18.1 | 12 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.8 | 4.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 41.9 | .. | 46.0 | 28 | 23.9 | .. | 18.6 | 18 | 6.0 | 7.0 | .. | 4.8 | 30 | 1 | .. | 14.3 | 8.8 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maithon | 39.6 | .. | 44.9 | 22 | 24.7 | .. | 18.2 | 08 | 9.2 | 20.8 | .. | 11.6 | 08 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ramgarh | 43.3 | .. | 46.8 | 29 | 26.3 | .. | 20.4 | 18 | 0.0 | 4.6 | .. | 4.6 | 07 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Panchet Hills | 40.7 | .. | 43.5 | 05 | 27.3 | .. | 20.5 | 08 | 7.7 | 14.0 | .. | 6.2 | 28 | 1 | .. | 14.2 | 12.6 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 40.1 | .. | 43.2 | 05 | 25.5 | .. | 18.8 | 08 | 1.4 | 44.6 | .. | 21.6 | 08 | 3 | .. | 16.6 | 14.8 | .. | 0 | 4 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 40.9 | .. | 44.9 | 23 | 24.8 | .. | 20.9 | 05 | .. | 22.7 | .. | 18.5 | 05 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Hirakud | 41.9 | .. | 45.7 | 22 | 28.2 | .. | 23.4 | 06 | 1.5 | 26.1 | .. | 12.2 | 06 | 2 | .. | 6.4 | 5.1 | .. | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 39.7 | .. | 43.2 | 21 | 25.1 | .. | 21.6 | 17 | 14.4 | 61.2 | .. | 24.0 | 30 | 5 | .. | 6.7 | 3.8 | .. | 0 | 5 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Sonepur | 41.7 | .. | 45.5 | 24 | 29.0 | .. | 23.7 | 06 | .. | 10.7 | .. | 10.5 | 06 | 1 | .. | . | 5.0 | .. | 1 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 40.9 | .. | 44.9 | 25 | 25.9 | .. | 21.6 | 20 | 0.0 | 52.4 | .. | 47.4 | 06 | 2 | .. | 12.2 | 7.9 | .. | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 41.2 | .. | 45.0 | 23 | 25.4 | .. | 19.5 | 17 | 0.0 | 0.8 | .. | 0.8 | 03 | 0 | .. | 15.8 | 10.9 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 41.5 | .. | 45.0 | 27 | 25.9 | .. | 20.1 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 20.6 | 16.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 42.2 | .. | 46.5 | 20 | 22.3 | .. | 19.4 | 05 | .. | 1.4 | .. | 1.4 | 04 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Darci | 42.5 | .. | 43.6 | 25 | 23.9 | .. | 22.2 | 02 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 24.3 | .. | 27.4 | 28 | 8.2 | .. | 4.6 | 01 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 32.4[e] | .. | 36.3 | 02 | 20.1 | .. | 16.9 | 11 | 22.6 | 87.8 | .. | 23.6 | 11 | 6 | .. | .. | .. | .. | 0 | 9 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 29.2[d] | .. | 32.0 | 02 | .. | .. | .. | .. | 4.8 | 37.0 | .. | 25.6 | 25 | 3 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 31.9[b] | .. | 36.3 | 01 | 19.9 | .. | 15.7 | 09 | 109.8 | 148.7 | .. | 29.2 | 27 | 10 | .. | 3.5 | 3.1 | .. | 0 | 13 | 0 | 2 | 15 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 31.4 | .. | 36.0 | 01 | 20.8 | .. | 14.5 | 09 | 15.6 | 77.5 | .. | 22.9 | 09 | 7 | .. | .. | .. | .. | 0 | 8 | 0 | 1 | 14 | 0 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | 21.1 | .. | 14.0 | 10 | 16.4 | 42.3 | .. | 11.0 | 07 | 5 | .. | .. | .. | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 29.7 | .. | 33.2 | 31 | 17.0 | .. | 12.8 | 13 | 6.0 | 98.0 | .. | 27.2 | 09 | 7 | .. | .. | .. | .. | 0 | 9 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 28.5[c] | .. | 31.6 | 28 | 16.5[1] | .. | 8.7 | 11 | 16.4 | 103.2 | .. | 28.3 | 09 | 7 | .. | 8.2[b] | 6.3[b] | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 31.5 | .. | 34.8 | 28 | 19.5 | .. | 12.4 | 11 | 0.0 | 112.5 | .. | 66.8 | 30 | 4 | .. | .. | .. | .. | 0 | 5 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 38.8 | .. | 43.4 | 02 | 25.8 | .. | 19.4 | 09 | 7.0 | 39.2 | .. | 26.0 | 24 | 4 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | See under Nepal | | | | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 14.7 | .. | 17.9 | 16 | 6.1 | .. | 3.5 | 09 | 18.3 | 63.9 | .. | 13.3 | 07 | 7 | .. | .. | .. | .. | 0 | 16 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 29.1 | .. | 32.6 | 03 | 17.5 | .. | 14.3 | 09 | 26.0 | 101.2 | .. | 27.8 | 07 | 11 | .. | .. | .. | .. | 0 | 18 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 25.3 | .. | 31.0 | 03 | 17.8 | .. | 13.4 | 07 | 28.7 | 92.8 | .. | 38.0 | 07 | 7 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 24.9 | .. | 28.7 | 03 | 15.5 | .. | 12.7 | 11 | 13.7 | 232.7 | .. | 75.6 | 23 | 15 | .. | .. | .. | .. | 0 | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Okhaldhunga | 24.6 | .. | 29.3 | 03 | 16.0 | .. | 11.9 | 07 | 20.3 | 72.2 | .. | 45.3 | 07 | 5 | .. | 9.3 | 7.0 | .. | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chainpur | 29.9 | .. | 34.6 | 02 | 19.1 | .. | 13.4 | 11 | 26.2 | 185.0 | .. | 67.0 | 07 | 8 | .. | .. | .. | .. | 0 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 31.1[e] | .. | 35.5 | 03 | .. | .. | .. | .. | 48.5 | 292.3 | .. | 64.3 | 26 | 9 | .. | .. | .. | .. | 0 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 35.7 | .. | 42.4 | 03 | 23.7 | .. | 19.8 | 15 | 7.6 | 88.0 | .. | 41.2 | 23 | 5 | .. | 9.9 | 6.2 | .. | 0 | 8 | 0 | 1 | 6 | 0 | 0 | 0 | 1 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 23.7 | .. | 27.0 | 03 | 14.7 | .. | 12.0 | 09 | 29.3 | 435.0 | .. | 115.5 | 26 | 17 | .. | 3.5 | 3.5 | .. | 0 | 22 | 0 | 0 | 5 | 9 | 0 | 0 | 0 | 0 |
| Gezing | 26.3 | .. | 30.7 | 03 | 16.1 | .. | 13.9 | 07 | 0.4 | 145.9 | .. | 61.0 | 28 | 9 | .. | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1008.1 | 1005.0 | -0.5 | 28.9 | 26.2 | 25.1 | 31.9 | 81 | - 1 | 6.1 | +0.6 | 10.9 | 0 | 6 | 19 | 00 | 0 | 0 | 0 | 1 | 14 | 8 | 2 | 6 | 0 |
| | 1730 | 28 | 1005.5 | 1002.4 | -1.0 | 28.3 | 26.1 | 25.2 | 32.0 | 83 | - 2 | 6.2 | +0.4 | 13.7 | 0 | 4 | 25 | 00 | 0 | 0 | 0 | 0 | 14 | 12 | 3 | 2 | 0 |
| Long Island | 0830 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 25 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 0530 | 79 | 1007.3 | 998.3 | .. | 26.0 | 24.7 | 24.1 | 30.0 | 89 | .. | 6.8 | .. | 13.6 | 0 | 7 | 22 | 00 | 1 | 1 | 0 | 0 | 2 | 14 | 11 | 2 | 0 |
| | 0830 | 79 | 1008.9 | 1000.0 | +0.2 | 28.4 | 25.8 | 24.7 | 31.1 | 81 | + 4 | 6.9 | +0.8 | 19.2 | 0 | 16 | 15 | 04 | 2 | 0 | 0 | 0 | 3 | 10 | 12 | 0 | 0 |
| | 1130 | 79 | 1007.9 | 999.0 | .. | 28.9 | 25.6 | 24.1 | 30.0 | 76 | .. | 7.1 | .. | 22.5 | 0 | 22 | 8 | 02 | 1 | 0 | 0 | 0 | 3 | 9 | 15 | 1 | 0 |
| | 1730 | 79 | 1006.5 | 997.6 | -0.2 | 27.3 | 25.2 | 24.3 | 30.4 | 83 | - 1 | 7.2 | +0.6 | 17.0 | 0 | 11 | 20 | 01 | 0 | 1 | 0 | 0 | 3 | 12 | 14 | 0 | 0 |
| | 2330 | 79 | 1007.7 | 998.8 | .. | 26.4 | 25.0 | 24.4 | 30.5 | 88 | .. | 5.7 | .. | 12.8 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 1 | 3 | 18 | 9 | 0 | 0 |
| Car Nicobar | 0830 | 10 | 1009.3 | 1008.1 | +0.3 | 29.0 | 26.2 | 25.1 | 31.9 | 81 | + 2 | 5.3 | -0.9 | 2.4 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 1 | 12 | 10 | 0 | 7 | 1 |
| | 1730 | 10 | 1007.3 | 1006.1 | +0.6 | 27.7 | 25.7 | 24.8 | 31.3 | 84 | + 0 | 5.6 | -0.4 | 1.3 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 1 | 7 | 5 | 1 | 17 | 0 |
| Nancowry | 0830 | 26 | 1010.1 | 1007.3 | +0.7 | 27.7 | 25.8 | 24.9 | 31.5 | 83 | + 2 | 5.1[c] | -1.0 | 7.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 14 | 13 | 1 | 2 | 1 |
| | 1730 | 26 | 1007.9 | 1005.0 | +0.7 | 27.3 | 25.4 | 24.5 | 30.7 | 86 | + 2 | 5.8[b] | -0.3 | 6.4 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 12 | 12 | 4 | 3 | 0 |
| Kondul | 0830 | 8 | 1010.8 | 1009.9 | +1.2 | 29.0 | 26.6 | 25.6 | 32.8 | 83 | + 0 | 6.1 | +0.1 | 10.0 | 0 | 4 | 24 | 00 | 0 | 0 | 0 | 0 | 22 | 6 | 0 | 3 | 0 |
| | 1730 | 8 | 1008.8 | 1007.9 | +1.5 | 27.7 | 26.1 | 25.4 | 32.4 | 87 | + 0 | 6.4 | +0.7 | 6.4 | 0 | 1 | 23 | 00 | 0 | 0 | 0 | 0 | 17 | 7 | 0 | 7 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasighat | 0830 | 157 | 1006.5 | 988.7 | -0.7 | 25.3 | 22.7 | 21.4 | 25.5 | 81 | + 0 | 6.4 | -0.2 | 8.3 | 0 | 3 | 27 | 00 | 1 | 6 | 3 | 4 | 1 | 0 | 15 | 1 | 0 |
| | 1730 | 157 | 1002.4 | 984.9 | -0.8 | 27.3 | 23.7 | 21.9 | 26.3 | 74 | - 7 | 5.9 | -0.3 | 6.1 | 0 | 2 | 26 | 03 | 2 | 2 | 0 | 6 | 2 | 0 | 13 | 3 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1004.2 | 991.6 | .. | 23.4 | 22.3 | 21.7 | 25.9 | 90 | .. | 6.3 | .. | 5.9 | 0 | 0 | 23 | 02 | 17 | 0 | 0 | 0 | 3 | 1 | 0 | 8 | 0 |
| | 0530 | 111 | 1005.1 | 992.5 | .. | 22.9 | 22.1 | 21.7 | 25.9 | 93 | .. | 6.2 | .. | 4.6 | 0 | 0 | 22 | 02 | 13 | 4 | 0 | 1 | 1 | 1 | 0 | 9 | 0 |
| | 0830 | 111 | 1006.5 | 993.9 | -0.5 | 25.7 | 23.1 | 21.8 | 26.1 | 80 | - 2 | 6.3 | -0.2 | 6.7 | 0 | 0 | 31 | 01 | 19 | 6 | 1 | 1 | 2 | 1 | 0 | 0 | 0 |
| | 1130 | 111 | 1005.4 | 993.0 | .. | 28.1 | 24.1 | 22.2 | 26.7 | 71 | .. | 6.1 | .. | 6.7 | 0 | 0 | 29 | 01 | 13 | 5 | 2 | 1 | 3 | 3 | 1 | 2 | 0 |
| | 1430 | 111 | 1002.7 | 990.3 | .. | 29.3 | 24.2 | 21.7 | 25.9 | 66 | .. | 5.7 | .. | 7.5 | 0 | 2 | 29 | 03 | 15 | 4 | 2 | 1 | 2 | 3 | 1 | 0 | 0 |
| | 1730 | 111 | 1002.2 | 989.8 | -0.3 | 27.4 | 23.9 | 22.2 | 26.7 | 73 | - 5 | 5.3 | -0.7 | 4.8 | 0 | 0 | 25 | 03 | 10 | 3 | 3 | 0 | 3 | 3 | 0 | 6 | 0 |
| | 2030 | 111 | 1004.2 | 991.6 | .. | 25.0 | 23.1 | 22.1 | 26.6 | 85 | .. | 4.3 | .. | 3.2 | 0 | 0 | 16 | 01 | 12 | 1 | 1 | 0 | 1 | 0 | 0 | 15 | 0 |
| | 2330 | 111 | 1004.6 | 992.0 | .. | 24.0 | 22.7 | 22.1 | 26.6 | 89 | .. | 5.5 | .. | 4.3 | 0 | 0 | 21 | 01 | 16 | 2 | 0 | 0 | 2 | 0 | 0 | 10 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1006.6 | 995.1 | +0.1 | 26.6 | 23.5 | 22.0 | 26.4 | 77 | - 8 | 6.1 | -0.7 | 7.4 | 0 | 1 | 28 | 08 | 11 | 6 | 2 | 0 | 2 | 0 | 0 | 2 | 0 |
| | 1130 | 102 | 1005.6 | 994.1 | .. | 28.9 | 24.3 | 22.2 | 26.7 | 69 | .. | 6.3 | .. | 9.0 | 0 | 1 | 29 | 11 | 4 | 6 | 3 | 2 | 2 | 2 | 0 | 1 | 0 |
| | 1430 | 102 | 1002.9 | 991.5 | .. | 29.6 | 24.3 | 21.7 | 25.9 | 65 | .. | 5.3 | .. | 7.9 | 0 | 1 | 29 | 01 | 10 | 1 | 5 | 5 | 5 | 1 | 2 | 1 | 0 |
| | 1730 | 102 | 1002.5 | 991.0 | +0.0 | 27.1 | 24.2 | 22.8 | 27.7 | 77 | - 6 | 5.0 | -1.0 | 5.9 | 0 | 1 | 25 | 05 | 8 | 6 | 1 | 3 | 3 | 0 | 0 | 5 | 0 |
| | 2030 | 102 | 1004.5 | 992.9 | .. | 25.0 | 23.4 | 22.6 | 27.4 | 87 | .. | 5.3 | .. | 4.6 | 0 | 0 | 24 | 06 | 8 | 1 | 0 | 2 | 1 | 0 | 6 | 7 | 0 |
| Sibsagar | 0830 | 97 | 1006.6 | 995.6 | -0.7 | 26.0 | 23.8 | 22.8 | 27.7 | 85 | + 2 | 6.4 | -0.2 | 2.5 | 0 | 0 | 27 | 06 | 16 | 2 | 0 | 2 | 1 | 0 | 0 | 4 | 0 |
| | 1730 | 97 | 1002.1 | 991.4 | -0.7 | 29.0 | 24.9 | 23.1 | 28.3 | 72 | - 5 | 5.0 | -0.8 | 2.9 | 0 | 0 | 24 | 04 | 13 | 2 | 0 | 2 | 3 | 0 | 0 | 7 | 0 |
| Gohpur | 0830 | 83 | 1006.2 | 996.9 | .. | 26.2 | 24.0 | 23.0 | 28.1 | 83 | - 4 | 6.0 | .. | 4.1 | 0 | 0 | 26 | 00 | 14 | 1 | 8 | 0 | 1 | 0 | 1 | 5 | 1 |
| | 1730 | 83 | 1001.9 | 992.6 | .. | 27.6 | 24.9 | 23.7 | 29.3 | 78 | - 3 | 4.4 | .. | 3.9 | 0 | 0 | 22 | 00 | 12 | 1 | 4 | 0 | 2 | 0 | 0 | 9 | 3 |
| Majbat | 0830 | | .. | 989.4 | .. | 26.9 | 23.5 | 21.8 | 26.1 | 76 | .. | 5.6 | -0.4 | 3.9 | 0 | 0 | 30 | 00 | 15 | 1 | 6 | 0 | 6 | 0 | 2 | 1 | 0 |
| | 1730 | | .. | 985.0 | .. | 29.4 | 24.7 | 22.5 | 27.3 | 68 | .. | 4.3 | -0.3 | 3.4 | 0 | 0 | 27 | 00 | 10 | 0 | 3 | 1 | 9 | 2 | 2 | 4 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1004.4 | 994.2 | .. | 23.6 | 23.1 | 22.9 | 27.9 | 95 | .. | 6.7 | .. | 0.8 | 0 | 0 | 5 | 01 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 26 | 0 |
| | 0830 | 90 | 1005.8 | 995.7 | .. | 26.2 | 24.3 | 23.5 | 28.9 | 82 | .. | 5.6 | .. | 1.8 | 0 | 0 | 15 | 01 | 9 | 3 | 0 | 0 | 0 | 0 | 2 | 16 | 0 |
| | 1130 | 90 | 1004.6 | 994.7 | .. | 29.0 | 24.8 | 22.9 | 27.9 | 71 | .. | 5.6 | .. | 2.8 | 0 | 0 | 17 | 00 | 11 | 3 | 0 | 0 | 1 | 1 | 1 | 14 | 0 |
| | 1730 | 90 | 1001.5 | 991.5 | .. | 28.1 | 24.8 | 23.2 | 28.4 | 75 | .. | 4.5 | .. | 2.6 | 0 | 0 | 16 | 01 | 8 | 4 | 0 | 0 | 1 | 0 | 2 | 15 | 0 |
| | 2330 | 90 | 1003.8 | 993.6 | .. | 24.3 | 23.6 | 23.3 | 28.6 | 94 | .. | 4.5 | .. | 0.7 | 0 | 0 | 6 | 00 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Tangla | 0830 | 78 | 1005.4 | 996.6 | -0.3 | 27.4 | 25.4 | 24.5 | 30.7 | 84 | + 2 | 2.4 | -2.8 | 1.0 | 0 | 0 | 14 | 00 | 0 | 0 | 10 | 0 | 4 | 0 | 0 | 17 | 0 |
| | 1730 | 78 | 1001.5 | 992.8 | -0.4 | 29.7 | 26.4 | 25.0 | 31.7 | 78 | + 2 | 1.8 | -2.1 | 0.5 | 0 | 0 | 8 | 00 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 23 | 0 |
| Tezpur | 0830 | 79 | 1006.9 | 997.9 | -0.5 | 26.3 | 23.6 | 22.2 | 26.7 | 80 | - 1 | 4.2 | -1.4 | 3.2 | 0 | 0 | 28 | 00 | 16 | 4 | 1 | 1 | 4 | 1 | 1 | 3 | 0 |
| | 1730 | 79 | 1001.7 | 993.0 | -0.8 | 30.1 | 25.4 | 23.2 | 28.4 | 67 | - 9 | 3.7 | -0.7 | 2.5 | 0 | 0 | 21 | 01 | 8 | 3 | 0 | 1 | 8 | 0 | 0 | 10 | 0 |
| Golaghat | 0830 | 95 | 1006.0 | 995.3 | -0.1 | 26.6 | 23.9 | 22.7 | 27.6 | 79 | - 5 | 5.1 | -1.2 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 95 | 1001.3 | 990.6 | -1.6 | 29.8 | 24.8 | 22.5 | 27.3 | 66 | -10 | 3.7[e] | -1.6 | 0.0[e] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Rangia | 0830 | 60 | 1006.8 | 1000.1 | .. | 27.5 | 25.1 | 23.9 | 29.7 | 83 | + 0 | 4.8 | .. | 5.9 | 0 | 0 | 27 | 00 | 4 | 15 | 2 | 0 | 1 | 3 | 2 | 4 | 0 |
| | 1730 | 60 | 1002.9 | 996.2 | .. | 30.3 | 26.9 | 25.5 | 32.6 | 76 | + 3 | 2.7 | .. | 1.0 | 0 | 0 | 11 | 01 | 1 | 5 | 1 | 1 | 0 | 1 | 1 | 20 | 0 |
| Chaparmukh | 0830 | 66 | 1006.6 | 999.1 | +0.0 | 27.5 | 24.9 | 23.7 | 29.3 | 80 | + 2 | 4.6[a] | -0.9 | 4.3[a] | 0 | 0 | 29 | 02 | 5 | 6 | 6 | 3 | 3 | 3 | 1 | 1 | 0 |
| | 1730 | 66 | 1002.1 | 994.8 | +0.1 | 30.2 | 26.1 | 24.3 | 30.4 | 72 | - 1 | 3.2[b] | -0.9 | 1.8[b] | 0 | 0 | 16 | 01 | 8 | 0 | 2 | 0 | 1 | 2 | 2 | 13 | 0 |
| Goalpara | 0830 | 38 | 1005.9 | 1001.5 | +0.2 | 25.8 | 23.7 | 22.7 | 27.6 | 84 | + 2 | 4.5 | -0.9 | 1.9 | 0 | 0 | 29 | 01 | 10 | 1 | 8 | 1 | 6 | 1 | 1 | 2 | 0 |
| | 1730 | 38 | 1001.6 | 997.3 | +0.5 | 31.7 | 25.0 | 21.9 | 26.3 | 59 | -14 | 3.5 | -1.1 | 2.0 | 0 | 0 | 29 | 00 | 14 | 1 | 3 | 0 | 3 | 1 | 7 | 2 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1002.7 | 996.6 | .. | 24.5 | 23.2 | 22.6 | 27.4 | 89 | .. | 4.8 | .. | 5.2 | 0 | 0 | 22 | 05 | 11 | 0 | 0 | 2 | 2 | 1 | 1 | 9 | 0 |
| | 0530 | 54 | 1004.1 | 997.9 | .. | 24.0 | 23.0 | 22.5 | 27.3 | 91 | .. | 5.6 | .. | 6.3 | 0 | 0 | 23 | 08 | 4 | 2 | 2 | 1 | 1 | 2 | 3 | 8 | 0 |
| | 0830 | 54 | 1005.6 | 999.5 | -0.8 | 27.1 | 24.0 | 22.5 | 27.3 | 77 | - 2 | 5.1 | -0.4 | 6.2 | 0 | 0 | 26 | 00 | 7 | 1 | 0 | 3 | 0 | 5 | 3 | 5 | 7 |
| | 1130 | 54 | 1004.6 | 998.6 | .. | 29.9 | 25.0 | 22.7 | 27.6 | 67 | .. | 4.7 | .. | 6.8 | 0 | 1 | 25 | 04 | 11 | 2 | 0 | 1 | 1 | 3 | 4 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (contd.) | 1430 | 54 | 1001.9 | 995.9 | .. | 31.7 | 25.5 | 22.6 | 27.4 | 60 | .. | 4.2 | .. | 7.5 | 0 | 0 | 30 | 07 | 7 | 1 | 1 | 0 | 1 | 4 | 8 | 1 | 1 |
| | 1730 | 54 | 1000.8 | 994.8 | -1.0 | 30.9 | 25.2 | 22.5 | 27.3 | 63 | - 9 | 3.7 | -0.7 | 5.4 | 0 | 0 | 23 | 07 | 7 | 1 | 0 | 1 | 0 | 3 | 4 | 8 | 0 |
| | 2030 | 54 | 1003.0 | 996.8 | .. | 26.7 | 24.6 | 23.6 | 29.1 | 83 | .. | 3.0 | .. | 4.8 | 0 | 0 | 15 | 01 | 4 | 4 | 1 | 1 | 3 | 1 | 0 | 16 | 0 |
| | 2330 | 54 | 1003.4 | 997.2 | .. | 25.4 | 23.8 | 23.0 | 28.1 | 87 | .. | 3.7 | .. | 5.9 | 0 | 1 | 17 | 02 | 7 | 2 | 1 | 4 | 2 | 0 | 0 | 13 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1003.7 | 998.5 | .. | 23.8 | 22.7 | 22.2 | 26.7 | 91 | .. | 4.7 | .. | 6.9 | 0 | 0 | 28 | 01 | 11 | 9 | 1 | 2 | 2 | 1 | 1 | 3 | 0 |
| | 0830 | 45 | 1005.1 | 1000.0 | +0.1 | 28.0 | 24.2 | 22.4 | 27.1 | 7[illegible] | - 6 | 5.3 | -0.1 | 7.5 | 0 | 0 | 31 | 00 | 12 | 12 | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| | 1130 | 45 | 1004.1 | 999.0 | .. | 31.5 | 24.8 | 21.7 | 25.9 | 59 | .. | 4.5 | .. | 8.9 | 0 | 1 | 30 | 02 | 7 | 11 | 5 | 1 | 4 | 1 | 0 | 0 | 0 |
| | 1730 | 45 | 1000.2 | 995.2 | -0.2 | 31.1 | 25.3 | 22.7 | 27.6 | 62 | -10 | 3.1 | -1.0 | 6.0 | 0 | 0 | 29 | 04 | 7 | 6 | 2 | 3 | 2 | 3 | 2 | 2 | 0 |
| Dhubri | 0830 | 35 | 1005.8 | 1001.8 | -0.7 | 28.4 | 24.3 | 22.4 | 27.1 | 76 | - 8 | 4.3 | -1.0 | 8.8 | 0 | 2 | 26 | 01 | 12 | 7 | 5 | 1 | 1 | 1 | 0 | 3 | 0 |
| | 1730 | 35 | 1001.5 | 997.6 | -0.6 | 30.7 | 25.3 | 22.8 | 27.7 | 63 | -14 | 2.5 | -1.5 | 4.3 | 0 | 1 | 15 | 01 | 6 | 5 | 0 | 2 | 0 | 0 | 2 | 15 | 0 |
| Lumding | 0830 | 149 | 1006.0 | 989.3 | .. | 27.5 | 24.0 | 22.5 | 27.3 | 74 | - 2 | 3.8 | .. | 1.3 | 0 | 0 | 15 | 00 | 2 | 4 | 3 | 4 | 0 | 1 | 1 | 16 | 0 |
| | 1730 | 149 | 1001.0 | 984.7 | .. | 32.4 | 24.3 | 20.3 | 23.8 | 51 | .. | 3.6 | .. | 1.9 | 0 | 0 | 16 | 01 | 0 | 1 | 1 | 5 | 3 | 4 | 1 | 15 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1005.8 | 964.8 | -0.3 | 26.8 | 22.5 | 20.3 | 23.8 | 69 | -12 | 6.0 | +0.5 | 5.8 | 0 | 0 | 29 | 00 | 2 | 8 | 8 | 6 | 2 | 3 | 0 | 2 | 0 |
| | 1730 | 370 | 1001.1 | 960.7 | -0.6 | 30.4 | 23.6 | 20.1 | 23.5 | 57 | -19 | 6.0 | +1.5 | 6.5 | 0 | 0 | 29 | 00 | 1 | 3 | 8 | 8 | 5 | 4 | 0 | 2 | 0 |
| Haflong | 0830 | 682 | 1008.4 | 933.4 | +2.4 | 23.4 | 20.2 | 18.5 | 21.3 | 76 | - 6 | 4.1 | -1.3 | 4.5 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 6 | 21 | 0 | 0 | 4 | 0 |
| | 1730 | 682 | 1002.5 | 928.4 | +1.1 | 25.4 | 21.6 | 19.7 | 22.9 | 71 | - 3 | 3.9 | -0.6 | 2.8 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 2 | 21 | 0 | 0 | 8 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1004.3 | 993.3 | .. | 23.4 | 22.1 | 21.5 | 25.6 | 89 | .. | 5.7 | .. | 8.3 | 0 | 0 | 31 | 00 | 2 | 24 | 4 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 0830 | 97 | 1005.7 | 994.8 | -0.1 | 26.4 | 23.6 | 22.2 | 26.7 | 79 | + 0 | 5.5 | +0.0 | 7.6 | 0 | 0 | 29 | 00 | 3 | 21 | 3 | 0 | 0 | 2 | 0 | 2 | 0 |
| | 1130 | 97 | 1004.4 | 993.6 | .. | 29.6 | 24.6 | 22.2 | 26.7 | 66 | .. | 5.1 | .. | 8.4 | 0 | 0 | 31 | 01 | 0 | 9 | 3 | 4 | 2 | 9 | 2 | 0 | 1 |
| | 1730 | 97 | 1001.0 | 990.2 | -0.2 | 29.8 | 24.8 | 22.5 | 27.3 | 67 | - 7 | 4.4 | +0.2 | 4.7 | 0 | 0 | 22 | 01 | 3 | 5 | 1 | 0 | 1 | 6 | 4 | 9 | 1 |
| Silchar | 0830 | 29 | 1007.7 | 1004.4 | +0.3 | 27.4 | 24.5 | 23.1 | 28.3 | 78 | - 3 | 4.3 | -1.1 | 1.0 | 0 | 0 | 15 | 01 | 1 | 5 | 5 | 1 | 1 | 1 | 0 | 16 | 0 |
| | 1730 | 29 | 1003.2 | 999.9 | +0.3 | 29.9 | 25.7 | 23.9 | 29.7 | 71 | - 4 | 4.0 | -0.5 | 1.0 | 0 | 0 | 16 | 03 | 4 | 2 | 2 | 1 | 1 | 1 | 2 | 15 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1006.7 | 920.6 | .. | 20.4 | 19.3 | 18.7 | 21.6 | 91 | .. | 5.5 | .. | 3.1 | 0 | 0 | 11 | 00 | 2 | 2 | 0 | 1 | 0 | 4 | 2 | 20 | 0 |
| | 0830 | 781 | 1006.8 | 921.9 | -0.2 | 24.9 | 21.0 | 19.1 | 22.1 | 72 | - 2 | 4.8 | -0.8 | 5.8 | 0 | 2 | 12 | 00 | 0 | 1 | 0 | 3 | 2 | 4 | 4 | 17 | 0 |
| | 1130 | 781 | 1004.5 | 920.7 | .. | 28.1 | 21.9 | 18.8 | 21.7 | 59 | .. | 4.6 | .. | 10.2 | 0 | 6 | 21 | 00 | 0 | 0 | 0 | 7 | 2 | 10 | 8 | 4 | 0 |
| | 1430 | 781 | 1001.2 | 918.0 | .. | 29.5 | 22.0 | 18.3 | 21.0 | 53 | .. | 4.4 | .. | 14.3 | 0 | 7 | 21 | 02 | 0 | 1 | 1 | 1 | 2 | 6 | 15 | 3 | 0 |
| | 1730 | 781 | 1001.9 | 917.9 | +1.3 | 26.6 | 21.3 | 18.6 | 21.4 | 63 | - 3 | 4.4 | -0.5 | 12.4 | 0 | 2 | 27 | 01 | 1 | 1 | 1 | 1 | 1 | 5 | 18 | 2 | 0 |
| | 2030 | 781 | 1005.0 | 920.0 | .. | 23.7 | 20.7 | 19.2 | 22.2 | 77 | .. | 3.9 | .. | 7.5 | 0 | 1 | 21 | 00 | 2 | 0 | 1 | 1 | 2 | 6 | 10 | 9 | 0 |
| | 2330 | 781 | 1005.9 | 920.1 | .. | 21.6 | 20.1 | 19.3 | 22.4 | 87 | .. | 4.1 | .. | 3.6 | 0 | 0 | 13 | 02 | 1 | 1 | 1 | 3 | 4 | 1 | 0 | 18 | 0 |
| Kailashahar | 0530 | 29 | 1005.5 | 1002.2 | .. | 24.4 | 23.6 | 23.2 | 28.4 | 93 | .. | 4.5 | .. | 2.6 | 0 | 0 | 20 | 04 | 3 | 0 | 0 | 5 | 4 | 0 | 1 | 11 | 3 |
| | 0830 | 29 | 1006.9 | 1003.7 | +0.1 | 28.3 | 25.1 | 23.7 | 29.3 | 77 | + 1 | 4.5 | -0.6 | 5.9 | 0 | 0 | 30 | 00 | 4 | 1 | 3 | 5 | 15 | 0 | 2 | 1 | 0 |
| | 1130 | 29 | 1006.0 | 1002.8 | .. | 30.8 | 25.7 | 23.5 | 28.9 | 67 | .. | 4.8 | .. | 5.8 | 0 | 0 | 30 | 02 | 5 | 1 | 1 | 5 | 12 | 2 | 1 | 1 | 1 |
| | 1730 | 29 | 1002.5 | 999.3 | +0.3 | 30.8 | 25.8 | 23.6 | 29.1 | 67 | - 1 | 3.7 | -0.8 | 3.5 | 0 | 0 | 26 | 01 | 4 | 1 | 0 | 6 | 7 | 2 | 4 | 5 | 1 |
| Agartala | 0230 | 16 | 1002.8 | 1001.0 | .. | 25.9 | 24.6 | 24.0 | 29.8 | 89 | .. | 2.9 | .. | 9.7 | 0 | 3 | 22 | 00 | 0 | 2 | 3 | 19 | 0 | 0 | 1 | 6 | 0 |
| | 0530 | 16 | 1004.1 | 1002.3 | .. | 25.7 | 24.7 | 24.2 | 30.2 | 91 | .. | 4.2 | .. | 10.1 | 0 | 1 | 25 | 00 | 0 | 8 | 8 | 10 | 0 | 0 | 0 | 5 | 0 |
| | 0830 | 16 | 1005.3 | 1003.5 | +0.2 | 29.7 | 26.2 | 24.7 | 31.1 | 76 | - 1 | 4.7 | -0.9 | 11.2 | 0 | 3 | 24 | 00 | 1 | 2 | 6 | 16 | 2 | 0 | 0 | 4 | 0 |
| | 1130 | 16 | 1004.5 | 1002.7 | .. | 31.7 | 25.9 | 23.3 | 28.6 | 63 | .. | 4.9 | .. | 13.6 | 0 | 4 | 27 | 01 | 1 | 3 | 2 | 12 | 5 | 4 | 3 | 0 | 0 |
| | 1430 | 16 | 1001.9 | 1000.2 | .. | 33.3 | 26.2 | 23.0 | 28.1 | 58 | .. | 4.3 | .. | 11.5 | 0 | 2 | 28 | 01 | 0 | 3 | 6 | 14 | 0 | 3 | 3 | 1 | 0 |
| | 1730 | 16 | 1001.2 | 999.4 | +0.1 | 30.8 | 25.6 | 23.3 | 28.6 | 66 | - 8 | 3.8 | -1.1 | 11.9 | 0 | 5 | 22 | 03 | 0 | 1 | 6 | 15 | 1 | 0 | 1 | 4 | 0 |
| | 2030 | 16 | 1003.1 | 1001.3 | .. | 27.8 | 25.1 | 23.8 | 29.5 | 79 | .. | 3.2 | .. | 10.3 | 0 | 2 | 23 | 01 | 0 | 0 | 9 | 13 | 2 | 0 | 0 | 6 | 0 |
| | 2330 | 16 | 1003.3 | 1001.5 | .. | 26.7 | 24.8 | 23.9 | 29.7 | 85 | .. | 3.2 | .. | 9.4 | 0 | 1 | 23 | 00 | 0 | 1 | 1 | 21 | 1 | 0 | 0 | 7 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1002.5 | 987.6 | .. | 24.0 | 22.0 | 21.0 | 24.9 | 83 | .. | 4.0 | .. | 9.2 | 0 | 3 | 18 | 01 | 18 | 1 | 0 | 0 | 1 | 0 | 0 | 10 | 0 |
| | 0530 | 131 | 1003.4 | 988.6 | .. | 23.9 | 21.8 | 20.7 | 24.4 | 83 | .. | 4.5 | .. | 9.2 | 0 | 1 | 22 | 00 | 17 | 5 | 0 | 1 | 0 | 0 | 0 | 8 | 0 |
| | 0830 | 131 | 1005.1 | 990.4 | +0.1 | 28.3 | 23.4 | 20.9 | 24.7 | 66 | - 8 | 4.3 | -0.9 | 16.5 | 0 | 5 | 24 | 00 | 22 | 7 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 131 | 1004.4 | 989.9 | .. | 31.3 | 24.1 | 20.5 | 24.1 | 55 | .. | 4.1 | .. | 16.2 | 0 | 7 | 23 | 00 | 13 | 15 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1430 | 131 | 1001.6 | 987.2 | .. | 32.9 | 24.2 | 19.7 | 22.9 | 49 | .. | 3.7 | .. | 13.2 | 0 | 3 | 28 | 00 | 8 | 16 | 1 | 4 | 0 | 0 | 0 | 0 | 2 |
| | 1730 | 131 | 1000.5 | 986.1 | -0.1 | 31.7 | 24.1 | 20.3 | 23.8 | 53 | -13 | 3.1 | -0.8 | 10.6 | 0 | 2 | 24 | 00 | 9 | 10 | 0 | 3 | 3 | 1 | 0 | 5 | 0 |
| | 2030 | 131 | 1002.5 | 987.7 | .. | 28.0 | 23.4 | 21.1 | 25.0 | 68 | .. | 2.8 | .. | 7.1 | 0 | 1 | 20 | 02 | 15 | 3 | 0 | 1 | 0 | 0 | 0 | 10 | 0 |
| | 2330 | 131 | 1003.1 | 988.3 | .. | 25.5 | 22.8 | 21.5 | 25.6 | 79 | .. | 3.9 | .. | 5.5 | 0 | 0 | 16 | 01 | 13 | 1 | 0 | 1 | 0 | 0 | 0 | 15 | 0 |
| Jalpaiguri | 0830 | 83 | 1004.8 | 995.5 | -1.1 | 26.2 | 23.3 | 21.9 | 26.3 | 78 | - 2 | 3.9 | -1.0 | 10.4 | 0 | 2 | 29 | 05 | 11 | 14 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 83 | 1000.2 | 991.1 | -1.0 | 31.5 | 25.0 | 21.9 | 26.3 | 59 | -10 | 2.0 | -1.4 | 4.1 | 0 | 0 | 24 | 03 | 10 | 5 | 4 | 1 | 1 | 0 | 0 | 7 | 0 |
| Cooch Behar | 0830 | 43 | 1005.5 | 1000.7 | +0.4 | 27.3 | 23.9 | 22.3 | 26.9 | 75 | - 4 | 4.0 | -1.7 | 12.5 | 0 | 5 | 25 | 00 | 10 | 15 | 1 | 1 | 1 | 1 | 0 | 1 | 1 |
| | 1130 | 43 | 1004.6 | 999.9 | .. | 30.6 | 24.7 | 21.9 | 26.3 | 62 | .. | 4.2 | .. | 17.2 | 0 | 12 | 19 | 04 | 7 | 11 | 4 | 4 | 0 | 0 | 0 | 0 | 1 |
| | 1730 | 43 | 1000.9 | 996.1 | +0.0 | 30.8 | 25.2 | 22.6 | 27.4 | 64 | - 9 | 2.7 | -1.1 | 6.9 | 0 | 1 | 21 | 01 | 11 | 7 | 0 | 1 | 1 | 1 | 0 | 9 | 0 |
| Balurghat | 0830 | 26 | 1004.0 | 1001.1 | .. | 30.2 | 23.4 | 19.9 | 23.2 | 58 | .. | 3.0 | .. | 4.3 | 0 | 0 | 30 | 04 | 2 | 5 | 8 | 3 | 4 | 4 | 0 | 1 | 0 |
| | 1730 | 26 | 999.2 | 996.3 | .. | 34.0 | 24.5 | 21.5 | 25.6 | 48 | .. | 1.9 | .. | 3.2 | 0 | 0 | 25 | 04 | 5 | 2 | 6 | 0 | 1 | 5 | 2 | 6 | 0 |
| Malda | 0830 | 31 | 1004.1 | 1000.6 | -0.5 | 30.7 | 25.2 | 22.7 | 27.6 | 65 | - 7 | 3.3 | -1.1 | 3.9 | 0 | 0 | 30 | 00 | 0 | 9 | 6 | 4 | 4 | 4 | 2 | 1 | 1 |
| | 1730 | 31 | 999.5 | 996.1 | -0.5 | 35.4 | 26.6 | 22.7 | 27.6 | 51 | - 4 | 2.7 | -0.5 | 3.2 | 0 | 0 | 24 | 01 | 7 | 5 | 1 | 0 | 2 | 4 | 4 | 7 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1004.3 | 1002.3 | +0.1 | 30.8 | 25.2 | 22.6 | 27.4 | 64 | - 8 | 3.3 | -1.0 | 3.5 | 0 | 0 | 29 | 01 | 0 | 6 | 1 | 17 | 1 | 3 | 0 | 2 | 0 |
| | 1730 | 19 | 999.4 | 997.3 | -0.3 | 35.8 | 25.0 | 19.6 | 22.8 | 41 | -14 | 2.9 | -1.2 | 3.2 | 0 | 0 | 24 | 00 | 0 | 4 | 0 | 15 | 2 | 3 | 0 | 7 | 0 |
| Suri | 0830 | | .. | .. | .. | 32.3 | 25.0 | 21.5 | 25.6 | 56 | - 3 | 2.3 | -1.1 | 6.7 | 0 | 0 | 31 | 00 | 1 | 2 | 3 | 15 | 2 | 8 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1001.4 | 987.4 | .. | 29.3 | 23.6 | 20.7 | 24.4 | 62 | .. | 1.3 | .. | 6.5 | 0 | 1 | 22 | 00 | 0 | 2 | 5 | 10 | 2 | 2 | 2 | 8 | 0 |
| | 0530 | 126 | 1002.4 | 988.4 | .. | 28.2 | 23.2 | 20.7 | 24.4 | 65 | .. | 3.4 | .. | 5.0 | 0 | 0 | 25 | 00 | 2 | 2 | 4 | 7 | 4 | 3 | 3 | 6 | 0 |
| | 0830 | 126 | 1003.8 | 989.9 | -0.3 | 33.3 | 24.4 | 19.9 | 23.2 | 48 | -14 | 1.8 | -1.1 | 8.1 | 0 | 0 | 30 | 00 | 0 | 4 | 3 | 9 | 4 | 4 | 6 | 1 | 0 |
| | 1130 | 126 | 1002.5 | 988.9 | .. | 38.7 | 25.1 | 18.1 | 20.8 | 33 | .. | 1.5 | .. | 9.2 | 0 | 1 | 30 | 01 | 0 | 0 | 4 | 11 | 4 | 5 | 6 | 0 | 0 |
| | 1430 | 126 | 999.7 | 986.3 | .. | 40.7 | 25.2 | 16.9 | 19.3 | 27 | .. | 2.6 | .. | 9.4 | 0 | 2 | 28 | 02 | 1 | 2 | 3 | 7 | 2 | 4 | 9 | 1 | 0 |
| | 1730 | 126 | 999.0 | 985.4 | +0.4 | 37.9 | 24.3 | 16.9 | 19.3 | 32 | -10 | 3.6 | -0.3 | 7.9 | 0 | 0 | 31 | 03 | 4 | 2 | 6 | 5 | 3 | 3 | 5 | 0 | 0 |
| | 2030 | 126 | 1001.5 | 987.6 | .. | 32.8 | 24.0 | 19.5 | 22.7 | 47 | .. | 2.1 | .. | 7.6 | 0 | 2 | 23 | 02 | 1 | 1 | 4 | 9 | 3 | 1 | 4 | 6 | 0 |
| | 2330 | 126 | 1002.1 | 988.1 | .. | 30.6 | 23.9 | 20.5 | 24.1 | 57 | .. | 1.8 | .. | 8.5 | 0 | 0 | 29 | 01 | 1 | 2 | 4 | 15 | 1 | 0 | 5 | 2 | 0 |
| Shanti Niketan | 0830 | 59 | 1004.4 | 997.9 | .. | 31.9 | 24.9 | 21.5 | 25.6 | 58 | .. | 2.0 | .. | 6.7 | 0 | 0 | 30 | 00 | 2 | 0 | 3 | 9 | 8 | 6 | 2 | 1 | 0 |
| | 1130 | 59 | 1003.4 | 996.9 | .. | 36.9 | 25.0 | 18.9 | 21.8 | 38 | .. | 1.5 | .. | 3.5 | 0 | 0 | 27 | 00 | 1 | 2 | 4 | 8 | 2 | 5 | 5 | 4 | 0 |
| | 1730 | 59 | 999.6 | 993.2 | .. | 36.9 | 24.8 | 18.6 | 21.1 | 38 | .. | 2.7 | .. | 6.5 | 0 | 0 | 30 | 04 | 1 | 2 | 1 | 12 | 0 | 3 | 7 | 1 | 0 |
| Krishnanagar | 0830 | 15 | 1004.3 | 1002.7 | -0.9 | 32.5 | 25.9 | 22.9 | 27.9 | 60 | -12 | 2.6 | -1.3 | 3.7 | 0 | 0 | 20 | 00 | 0 | 0 | 3 | 13 | 2 | 1 | 1 | 11 | 0 |
| | 1730 | 15 | 1001.3 | 999.7 | +1.1 | 36.0 | 25.6 | 20.6 | 24.3 | 42 | -19 | 3.1 | -1.0 | 3.3 | 0 | 0 | 23 | 01 | 0 | 0 | 2 | 20 | 0 | 0 | 0 | 8 | 0 |
| Purulia | 0830 | 255 | 1003.8 | 976.1 | +0.6 | 32.4 | 24.2 | 20.1 | 23.5 | 50 | - 3 | 1.8 | -0.7 | 6.3 | 0 | 0 | 31 | 02 | 1 | 2 | 5 | 8 | 5 | 4 | 4 | 0 | 0 |
| | 1730 | 255 | 998.9 | 971.6 | +0.5 | 37.4 | 24.0 | 16.6 | 18.9 | 31 | - 4 | 3.5 | -1.3 | 7.4 | 0 | 0 | 30 | 00 | 1 | 4 | 11 | 2 | 2 | 0 | 10 | 1 | 0 |
| Bankura | 0830 | 100 | 1003.9 | 993.0 | .. | 32.7 | 26.8 | 24.3 | 30.4 | 64 | .. | 1.6 | .. | 3.0 | 0 | 0 | 25 | 00 | 2 | 0 | 2 | 9 | 4 | 1 | 0 | 6 | 7 |
| | 1730 | 100 | 999.1 | 988.3 | .. | 37.2 | 27.8 | 23.9 | 29.7 | 49 | .. | 1.7 | .. | 2.9 | 0 | 0 | 17 | 00 | 0 | 0 | 2 | 4 | 1 | 0 | 0 | 14 | 10 |
| Burdwan | 0830 | 32 | 1004.5 | 1000.9 | +0.4 | 31.9 | 26.6 | 24.3 | 30.4 | 63 | -11 | 1.8 | -1.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 32 | 999.9 | 996.3 | +0.1 | 35.9 | 26.5 | 22.3 | 26.9 | 47 | - 8 | 1.8 | -1.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barrackpore Aerodrome | 0530 | 7 | 1003.4 | 1002.6 | .. | 27.8 | 26.0 | 25.2 | 32.1 | 86 | .. | 3.5 | .. | 6.0 | 0 | 0 | 23 | 00 | 0 | 2 | 3 | 9 | 9 | 0 | 0 | 8 | 0 |
| | 0830 | 7 | 1005.0 | 1004.3 | .. | 32.4 | 26.8 | 24.4 | 30.5 | 64 | .. | 3.5 | .. | 10.6 | 0 | 1 | 29 | 00 | 2 | 0 | 2 | 13 | 8 | 4 | 1 | 1 | 0 |
| | 1130 | 7 | 1004.2 | 1003.5 | .. | 35.7 | 26.3 | 22.1 | 26.6 | 45 | .. | 2.7 | .. | 12.8 | 0 | 3 | 28 | 01 | 1 | 0 | 5 | 11 | 6 | 4 | 3 | 0 | 0 |
| | 1730 | 7 | 1001.1 | 1000.4 | .. | 34.8 | 25.9 | 21.8 | 26.3 | 49 | .. | 2.8 | .. | 13.2 | 0 | 8 | 21 | 01 | 1 | 1 | 5 | 9 | 6 | 2 | 4 | 2 | 0 |
| | 2330 | 7 | 1003.8 | 1003.0 | .. | 29.0 | 26.0 | 24.7 | 31.1 | 78 | .. | 2.7 | .. | 10.9 | 0 | 3 | 23 | 00 | 0 | 0 | 7 | 18 | 1 | 0 | 0 | 5 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1001.8 | 1001.1 | .. | 28.4 | 26.2 | 25.3 | 32.2 | 83 | .. | 2.1 | .. | 7.9 | 0 | 0 | 31 | 00 | 0 | 0 | 7 | 12 | 8 | 4 | 0 | 0 | 0 |
| | 0530 | 6 | 1002.6 | 1001.9 | .. | 27.8 | 26.1 | 25.3 | 32.2 | 87 | .. | 2.8 | .. | 5.4 | 0 | 0 | 28 | 00 | 0 | 1 | 5 | 14 | 6 | 2 | 0 | 3 | 0 |
| | 0830 | 6 | 1004.4 | 1003.7 | -0.1 | 31.9 | 27.0 | 24.9 | 31.5 | 67 | - 8 | 3.7 | -0.8 | 8.9 | 0 | 0 | 31 | 00 | 1 | 0 | 4 | 15 | 5 | 3 | 3 | 0 | 0 |
| | 1130 | 6 | 1003.3 | 1002.6 | .. | 35.7 | 26.4 | 22.3 | 26.9 | 47 | .. | 2.9 | .. | 10.8 | 0 | 1 | 30 | 02 | 1 | 1 | 4 | 10 | 5 | 5 | 3 | 0 | 0 |
| | 1430 | 6 | 1001.0 | 1000.3 | .. | 37.1 | 26.2 | 21.1 | 25.0 | 42 | .. | 3.1 | .. | 11.5 | 0 | 5 | 26 | 01 | 1 | 1 | 5 | 11 | 4 | 1 | 7 | 0 | 0 |
| | 1730 | 6 | 1000.4 | 999.7 | -0.2 | 34.9 | 26.1 | 22.1 | 26.6 | 49 | -19 | 2.7 | -1.3 | 11.2 | 0 | 4 | 22 | 02 | 1 | 0 | 5 | 15 | 3 | 0 | 0 | 5 | 0 |
| | 2030 | 6 | 1002.5 | 1001.8 | .. | 30.3 | 26.5 | 24.9 | 31.5 | 73 | .. | 2.3 | .. | 11.0 | 0 | 2 | 28 | 00 | 0 | 0 | 6 | 19 | 5 | 0 | 0 | 1 | 0 |
| | 2330 | 6 | 1002.7 | 1002.0 | .. | 29.2 | 26.7 | 25.7 | 33.0 | 81 | .. | 2.7 | .. | 11.3 | 0 | 2 | 27 | 00 | 0 | 0 | 8 | 14 | 7 | 0 | 0 | 2 | 0 |
| Calcutta | 0830 | 6 | 1004.6 | 1003.9 | +0.2 | 32.5 | 27.8 | 25.9 | 33.4 | 69 | - 5 | 3.7 | -0.5 | 8.5 | 0 | 1 | 29 | 01 | 0 | 1 | 1 | 19 | 4 | 1 | 3 | 1 | 0 |
| | 1130 | 6 | 1003.5 | 1002.8 | .. | 36.1 | 27.8 | 24.3 | 30.4 | 53 | .. | 3.0 | .. | 9.5 | 0 | 3 | 27 | 02 | 0 | 2 | 1 | 15 | 6 | 3 | 1 | 1 | 0 |
| | 1730 | 6 | 1000.5 | 999.8 | +0.0 | 34.6 | 27.4 | 24.4 | 30.5 | 58 | - 9 | 2.9 | -0.9 | 11.4 | 0 | 4 | 25 | 03 | 0 | 0 | 5 | 17 | 3 | 0 | 1 | 2 | 0 |
| Midnapore | 0830 | 45 | 1004.3 | 999.3 | +0.4 | 32.3 | 25.8 | 22.9 | 27.9 | 60 | - 8 | 2.3 | -0.9 | 5.5 | 0 | 1 | 26 | 02 | 1 | 1 | 1 | 12 | 7 | 2 | 0 | 4 | 1 |
| | 1730 | 45 | 1000.0 | 995.1 | +0.4 | 36.9 | 27.3 | 23.1 | 28.3 | 45 | -12 | 2.8 | -1.5 | 6.7 | 0 | 2 | 28 | 04 | 3 | 0 | 0 | 13 | 8 | 0 | 1 | 1 | 1 |
| Contai | 0830 | 11 | 1004.5 | 1003.3 | +0.5 | 32.0 | 27.3 | 25.3 | 32.2 | 69 | - 7 | 2.8 | -1.2 | 12.7 | 0 | 10 | 18 | 01 | 0 | 1 | 2 | 11 | 13 | 0 | 0 | 3 | 0 |
| | 1730 | 11 | 1001.1 | 999.8 | +0.4 | 31.2 | 27.7 | 26.3 | 34.2 | 76 | - 4 | 2.3 | -1.6 | 18.8 | 0 | 16 | 14 | 00 | 0 | 1 | 3 | 21 | 5 | 0 | 0 | 1 | 0 |
| Sagar Island | 0830 | 3 | 1004.5 | 1004.2 | +0.1 | 30.8 | 28.4 | 27.5 | 36.7 | 83 | + 6 | 4.3 | -0.5 | 23.2 | 0 | 18 | 13 | 00 | 1 | 0 | 8 | 13 | 8 | 1 | 0 | 0 | 0 |
| | 1730 | 3 | 1001.1 | 1000.8 | +0.0 | 31.1 | 28.1 | 26.9 | 35.4 | 79 | - 2 | 3.8 | -0.7 | 28.3 | 0 | 26 | 5 | 00 | 0 | 1 | 14 | 14 | 2 | 0 | 0 | 0 | 0 |
| Sandheads | 0530 | 10 | 1002.7 | 1001.6 | .. | 29.3 | 27.5 | 26.8 | 35.2 | 87 | .. | 3.4 | .. | 25.2 | 0 | 23 | 7 | 00 | 0 | 0 | 0 | 7 | 22 | 1 | 0 | 1 | 0 |
| | 0830 | 10 | 1004.6 | 1003.5 | -0.4 | 30.8 | 28.0 | 26.9 | 35.4 | 79 | - 3 | 2.7 | -1.4 | 23.0 | 0 | 18 | 13 | 01 | 0 | 0 | 0 | 8 | 21 | 0 | 1 | 0 | 0 |
| | 1130 | 10 | 1004.2 | 1003.1 | .. | 31.3 | 28.1 | 26.9 | 35.4 | 78 | .. | 2.7 | .. | 24.5 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 11 | 19 | 0 | 1 | 0 | 0 |
| | 1730 | 10 | 1001.1 | 1000.1 | -0.4 | 30.7 | 28.2 | 27.3 | 36.3 | 82 | - 3 | 3.0 | -0.5 | 25.2 | 0 | 23 | 8 | 00 | 0 | 0 | 1 | 13 | 16 | 1 | 0 | 0 | 0 |
| | 2330 | 10 | 1002.9 | 1001.8 | .. | 29.4 | 27.6 | 26.9 | 35.4 | 87 | .. | 1.3 | .. | 25.6 | 0 | 21 | 10 | 00 | 0 | 0 | 1 | 9 | 20 | 1 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1004.9 | 998.9 | -0.7 | 32.9 | 26.4 | 23.5 | 28.9 | 60 | - 9 | 1.2 | -2.2 | 6.4 | 0 | 0 | 27 | 04 | 3 | 0 | 4 | 8 | 5 | 1 | 0 | 4 | 2 |
| | 1730 | 54 | 1001.1 | 995.1 | +1.6 | 34.7 | 26.7 | 23.2 | 28.4 | 55 | + 4 | 2.9 | -1.4 | 8.2 | 0 | 1 | 29 | 02 | 1 | 0 | 13 | 9 | 2 | 1 | 1 | 1 | 1 |
| Jharsuguda | 0230 | 230 | 1001.3 | 975.9 | .. | 29.6 | 21.5 | 15.7 | 17.8 | 47 | .. | 2.4 | .. | 6.3 | 0 | 0 | 23 | 01 | 4 | 1 | 10 | 3 | 1 | 1 | 2 | 8 | 0 |
| | 0530 | 230 | 1002.3 | 976.7 | .. | 28.0 | 21.8 | 18.3 | 21.0 | 57 | .. | 2.5 | .. | 5.2 | 0 | 0 | 19 | 01 | 1 | 3 | 8 | 1 | 2 | 2 | 1 | 12 | 0 |
| | 0830 | 230 | 1003.8 | 978.6 | +0.4 | 32.9 | 23.3 | 18.1 | 20.8 | 44 | - 1 | 1.5 | -1.1 | 7.3 | 0 | 0 | 24 | 00 | 3 | 4 | 5 | 4 | 2 | 4 | 2 | 7 | 0 |
| | 1130 | 230 | 1002.5 | 977.8 | .. | 38.1 | 23.7 | 15.4 | 17.5 | 29 | .. | 1.4 | .. | 9.9 | 0 | 2 | 26 | 01 | 0 | 1 | 3 | 5 | 6 | 7 | 5 | 3 | 0 |
| | 1430 | 230 | 999.3 | 974.9 | .. | 41.3 | 23.1 | 11.3 | 13.4 | 19 | .. | 2.2 | .. | 11.8 | 0 | 2 | 28 | 00 | 0 | 3 | 1 | 1 | 8 | 9 | 8 | 1 | 0 |
| | 1730 | 230 | 998.0 | 973.5 | +0.8 | 39.7 | 22.5 | 11.1 | 13.2 | 20 | - 5 | 2.9 | -1.1 | 12.2 | 0 | 3 | 28 | 00 | 1 | 1 | 2 | 9 | 1 | 9 | 8 | 0 | 0 |
| | 2030 | 230 | 1000.3 | 975.4 | .. | 34.7 | 22.2 | 14.5 | 16.5 | 32 | .. | 3.1 | .. | 7.4 | 0 | 1 | 22 | 00 | 0 | 1 | 4 | 7 | 4 | 5 | 2 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (0ktas) Mean amount | Cloud Amount (0ktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (contd.) | 2330 | 230 | 1001.7 | 976.5 | .. | 31.8 | 22.3 | 16.8 | 19.1 | 42 | .. | 2.9 | .. | 6.5 | 0 | 1 | 19 | 00 | 0 | 2 | 10 | 2 | 1 | 2 | 3 | 11 | 0 |
| Keonjhargarh | 0830 | 463 | 1003.2 | 953.1 | -0.8 | 31.0 | 23.5 | 19.6 | 22.8 | 54 | + 1 | 1.2 | -1.3 | 2.1 | 0 | 0 | 28 | 04 | 3 | 3 | 6 | 2 | 1 | 7 | 2 | 3 | 0 |
| | 1730 | 463 | 999.7 | 950.6 | +0.4 | 36.0 | 24.1 | 17.7 | 20.2 | 37 | - 1 | 3.7 | -0.5 | 2.0 | 0 | 0 | 30 | 05 | 1 | 3 | 3 | 5 | 2 | 10 | 1 | 1 | 0 |
| Balasore | 0830 | 20 | 1004.3 | 1002.1 | +0.3 | 31.6 | 27.2 | 25.4 | 32.4 | 70 | - 1 | 3.6 | -1.0 | 9.9 | 0 | 1 | 29 | 03 | 0 | 0 | 0 | 8 | 16 | 0 | 3 | 1 | 0 |
| | 1730 | 20 | 1000.5 | 998.3 | +0.3 | 32.1 | 28.2 | 26.7 | 35.0 | 74 | + 2 | 2.4 | -2.6 | 12.3 | 0 | 6 | 25 | 00 | 0 | 0 | 7 | 22 | 1 | 1 | 0 | 0 | 0 |
| Sambalpur | 0830 | 148 | 1003.7 | 987.6 | +0.2 | 34.0 | 24.5 | 19.7 | 22.9 | 45 | - 5 | 0.9 | -1.5 | 2.1 | 0 | 0 | 24 | 01 | 2 | 2 | 4 | 4 | 7 | 4 | 0 | 7 | 0 |
| | 1730 | 148 | 999.5 | 983.6 | +1.3 | 39.9 | 24.1 | 15.0 | 17.0 | 25 | - 4 | 2.3 | -1.2 | 1.3 | 0 | 0 | 11 | 02 | 1 | 0 | 3 | 0 | 0 | 4 | 1 | 20 | 0 |
| Angul | 0830 | 139 | 1004.0 | 988.7 | -0.1 | 32.8 | 25.5 | 22.1 | 26.6 | 56 | - 8 | 2.0 | -1.5 | 3.7 | 0 | 0 | 29 | 06 | 2 | 9 | 1 | 3 | 0 | 4 | 4 | 2 | 0 |
| | 1730 | 139 | 1000.1 | 985.1 | +1.1 | 38.0 | 25.6 | 19.5 | 22.7 | 33 | - 3 | 4.1 | -1.0 | 4.9 | 0 | 0 | 30 | 04 | 0 | 3 | 7 | 7 | 2 | 5 | 2 | 1 | 0 |
| Chandbali | 0830 | 6 | 1004.8 | 1004.1 | +0.2 | 32.0 | 27.3 | 25.4 | 32.4 | 66 | - 6 | 3.1 | -1.0 | 8.1 | 0 | 0 | 30 | 01 | 0 | 2 | 2 | 6 | 16 | 1 | 2 | 1 | 0 |
| | 1730 | 6 | 1001.3 | 1000.6 | +0.4 | 33.3 | 27.3 | 24.8 | 31.3 | 63 | - 5 | 1.7 | -1.7 | 15.5 | 0 | 10 | 21 | 00 | 0 | 5 | 18 | 5 | 3 | 0 | 0 | 0 | 0 |
| Bolangir | 0830 | 190 | 1003.4 | 982.6 | -0.3 | 34.5 | 27.9 | 25.2 | 32.1 | 59 | - 4 | 1.9 | -1.6 | 5.7 | 0 | 0 | 29 | 03 | 2 | 4 | 4 | 9 | 4 | 2 | 1 | 2 | 0 |
| | 1730 | 190 | 998.7 | 978.4 | -0.9 | 40.1 | 26.4 | 19.9 | 23.2 | 34 | -10 | 3.3 | -1.5 | 7.0 | 0 | 0 | 30 | 06 | 3 | 3 | 1 | 4 | 2 | 7 | 4 | 1 | 0 |
| Phulbani | 0830 | 464 | 1002.0 | 951.9 | .. | 31.7 | 23.1 | 19.0 | 22.0 | 49 | .. | 0.9 | .. | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 1730 | 464 | 997.5 | 948.4 | .. | 36.0 | 23.3 | 16.9 | 19.2 | 36 | .. | 3.3 | .. | 0.5 | 0 | 0 | 7 | 00 | 0 | 0 | 4 | 0 | 1 | 2 | 0 | 24 | 0 |
| Cuttack | 0830 | 27 | 1004.6 | 1001.6 | +0.1 | 31.9 | 26.9 | 24.8 | 31.3 | 68 | - 3 | 2.5 | -1.7 | 6.6 | 0 | 1 | 22 | 00 | 1 | 0 | 0 | 7 | 11 | 1 | 3 | 8 | 0 |
| | 1730 | 27 | 1000.5 | 997.6 | +0.2 | 36.8 | 27.2 | 23.0 | 28.1 | 47 | -11 | 2.0 | -2.5 | 10.3 | 0 | 3 | 25 | 01 | 0 | 1 | 4 | 9 | 8 | 4 | 1 | 3 | 0 |
| Titilagarh | 0830 | 211 | 1002.5 | 979.4 | -1.2 | 32.5 | 23.5 | 18.7 | 21.6 | 44 | - 2 | 1.0 | -1.6 | 2.0 | 0 | 0 | 31 | 00 | 4 | 0 | 17 | 0 | 8 | 0 | 2 | 0 | 0 |
| | 1730 | 211 | 999.8 | 977.3 | +1.6 | 40.3 | 24.9 | 16.6 | 18.9 | 27 | + 0 | 2.0 | -1.3 | 1.9 | 0 | 0 | 30 | 01 | 15 | 0 | 1 | 1 | 1 | 0 | 11 | 1 | 0 |
| Bhubaneswar | 0230 | 46 | 1002.5 | 997.3 | .. | 28.6 | 26.7 | 25.9 | 33.4 | 89 | .. | 3.6 | .. | 12.7 | 0 | 6 | 22 | 01 | 0 | 0 | 1 | 13 | 13 | 0 | 0 | 3 | 0 |
| | 0530 | 46 | 1003.0 | 997.8 | .. | 28.2 | 26.6 | 25.9 | 33.4 | 88 | .. | 4.5 | .. | 11.9 | 0 | 6 | 22 | 00 | 0 | 1 | 1 | 13 | 11 | 0 | 2 | 3 | 0 |
| | 0830 | 46 | 1004.6 | 999.5 | +0.5 | 32.9 | 25.6 | 23.9 | 29.7 | 61 | - 7 | 3.5 | -0.8 | 17.3 | 0 | 13 | 18 | 00 | 1 | 2 | 3 | 12 | 9 | 2 | 2 | 0 | 0 |
| | 1130 | 46 | 1003.6 | 998.7 | .. | 37.3 | 26.2 | 21.1 | 25.0 | 41 | .. | 2.7 | .. | 16.1 | 0 | 8 | 23 | 00 | 4 | 0 | 2 | 10 | 11 | 1 | 3 | 0 | 0 |
| | 1430 | 46 | 1000.9 | 996.0 | .. | 38.5 | 26.2 | 20.3 | 23.8 | 38 | .. | 2.9 | .. | 22.5 | 0 | 19 | 12 | 01 | 3 | 0 | 2 | 15 | 9 | 1 | 0 | 0 | 0 |
| | 1730 | 46 | 1001.0 | 996.0 | +0.7 | 34.0 | 26.6 | 23.4 | 28.8 | 56 | - 5 | 2.9 | -2.0 | 19.9 | 0 | 19 | 12 | 01 | 0 | 0 | 2 | 18 | 10 | 0 | 0 | 0 | 0 |
| | 2030 | 46 | 1003.3 | 998.2 | .. | 30.7 | 26.8 | 25.1 | 31.9 | 76 | .. | 2.3 | .. | 16.6 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 19 | 10 | 0 | 2 | 0 | 0 |
| | 2330 | 46 | 1003.4 | 998.3 | .. | 29.4 | 26.8 | 25.7 | 33.0 | 81 | .. | 3.6 | .. | 17.2 | 0 | 11 | 20 | 00 | 0 | 1 | 1 | 14 | 14 | 1 | 0 | 0 | 0 |
| Puri | 0830 | 6 | 1005.2 | 1004.5 | +0.3 | 30.8 | 28.2 | 27.2 | 36.1 | 82 | + 0 | 2.7 | -1.6 | 12.1 | 0 | 4 | 27 | 01 | 0 | 1 | 2 | 5 | 22 | 0 | 0 | 0 | 0 |
| | 1730 | 6 | 1001.6 | 1000.9 | +0.2 | 30.7 | 28.5 | 27.7 | 37.1 | 84 | - 2 | 2.3 | -1.9 | 15.0 | 0 | 7 | 24 | 00 | 0 | 0 | 1 | 18 | 12 | 0 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1003.1 | 1001.2 | .. | 27.5 | 26.5 | 26.1 | 33.8 | 92 | .. | 3.8 | .. | 9.8 | 0 | 8 | 12 | 01 | 0 | 0 | 0 | 7 | 11 | 0 | 1 | 11 | 0 |
| | 0830 | 17 | 1004.9 | 1003.0 | +0.3 | 29.9 | 27.1 | 26.0 | 31.7 | 79 | - 2 | 2.8 | -0.7 | 13.0 | 0 | 6 | 22 | 01 | 0 | 1 | 1 | 14 | 9 | 0 | 2 | 3 | 0 |
| | 1130 | 17 | 1004.5 | 1002.7 | .. | 31.9 | 28.1 | 26.6 | 34.8 | 74 | .. | 1.8 | .. | 18.1 | 0 | 11 | 20 | 00 | 0 | 1 | 4 | 19 | 7 | 0 | 0 | 0 | 0 |
| | 1730 | 17 | 1001.7 | 999.9 | +0.6 | 30.0 | 28.0 | 27.2 | 36.1 | 85 | - 1 | 3.8 | -0.8 | 19.6 | 0 | 16 | 15 | 00 | 0 | 0 | 2 | 16 | 13 | 0 | 0 | 0 | 0 |
| | 2330 | 17 | 1004.0 | 1002.1 | .. | 28.5 | 27.3 | 26.8 | 35.2 | 91 | .. | 3.0 | .. | 17.1 | 0 | 10 | 19 | 01 | 0 | 1 | 0 | 11 | 15 | 0 | 1 | 2 | 0 |
| Koraput | 0830 | 913 | 1489.4 | 907.6 | +0.3 | 27.6 | 20.8 | 17.2 | 19.6 | 56 | - 7 | 5.3 | +2.3 | 7.0 | 0 | 0 | 31 | 01 | 0 | 0 | 13 | 5 | 12 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1477.9 | 904.7 | +0.3 | 34.5 | 20.5 | 11.8 | 13.8 | 28 | -21 | 4.0 | -1.1 | 10.2 | 0 | 0 | 25 | 02 | 1 | 1 | 0 | 2 | 9 | 10 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1003.9 | 987.5 | +0.3 | 32.2 | 24.0 | 19.8 | 23.1 | 48 | -14 | 2.1 | -0.5 | 6.5 | 0 | 0 | 28 | 00 | 0 | 4 | 10 | 6 | 6 | 1 | 1 | 3 | 0 |
| | 1730 | 149 | 999.3 | 983.2 | +0.3 | 35.1 | 23.3 | 16.7 | 19.0 | 33 | -15 | 2.0 | -1.2 | 4.8 | 0 | 0 | 23 | 00 | 1 | 3 | 14 | 4 | 0 | 1 | 0 | 8 | 0 |
| Daltonganj | 0830 | 221 | 1002.1 | 978.1 | -0.2 | 34.6 | 22.9 | 16.1 | 18.3 | 35 | - 1 | 0.5 | -1.6 | 2.9 | 0 | 0 | 26 | 01 | 6 | 0 | 0 | 1 | 5 | 9 | 4 | 5 | 0 |
| | 1730 | 221 | 998.0 | 974.5 | +0.6 | 39.9 | 23.2 | 12.8 | 14.8 | 21 | - 2 | 3.0 | -0.4 | 5.0 | 0 | 0 | 29 | 00 | 5 | 0 | 1 | 0 | 3 | 1 | 19 | 2 | 0 |
| Hazaribagh | 0830 | 611 | 1002.6 | 937.1 | +0.1 | 31.6 | 20.7 | 14.4 | 16.4 | 36 | - 7 | 3.6 | -0.2 | 13.3 | 0 | 4 | 27 | 01 | 0 | 0 | 2 | 7 | 12 | 1 | 8 | 0 | 0 |
| | 1730 | 611 | 997.9 | 933.7 | +0.3 | 36.1 | 19.8 | 8.6 | 11.2 | 21 | -11 | 4.6 | +0.3 | 16.1 | 0 | 8 | 22 | 08 | 1 | 0 | 2 | 0 | 0 | 1 | 18 | 1 | 0 |
| Dhanbad | 0830 | 257 | 1003.2 | 975.1 | -0.3 | 32.1 | 23.5 | 18.9 | 21.8 | 48 | - 6 | 0.8 | -1.1 | 4.2 | 0 | 0 | 24 | 00 | 0 | 3 | 8 | 0 | 1 | 8 | 2 | 7 | 2 |
| | 1730 | 257 | 998.5 | 970.8 | .. | 36.9 | 22.8 | 14.3 | 16.3 | 27 | .. | 0.5 | .. | 3.1 | 0 | 0 | 19 | 00 | 0 | 8 | 0 | 3 | 0 | 8 | 0 | 12 | 0 |
| Ranchi | 0830 | 655 | 1003.4 | 931.0 | -1.6 | 21.2 | 15.0 | 10.3 | 12.5 | 50 | + 4 | 1.3 | -0.7 | 1.5 | 0 | 0 | 23 | 06 | 0 | 1 | 0 | 0 | 0 | 2 | 14 | 8 | 0 |
| | 1730 | 655 | 998.2 | 928.8 | -0.2 | 32.5 | 21.8 | 16.1 | 18.3 | 38 | + 3 | 2.8 | -0.7 | 1.3 | 0 | 0 | 20 | 11 | 2 | 0 | 0 | 1 | 0 | 2 | 4 | 11 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1002.2 | 931.3 | .. | 26.1 | 19.1 | 14.9 | 16.9 | 53 | .. | 2.1 | .. | 5.5 | 0 | 0 | 15 | 02 | 0 | 0 | 1 | 2 | 6 | 2 | 2 | 16 | 0 |
| | 0830 | 652 | 1002.5 | 932.8 | +1.0 | 31.3 | 20.7 | 14.6 | 16.6 | 39 | - 4 | 1.4 | -1.6 | 15.1 | 0 | 9 | 18 | 02 | 0 | 1 | 2 | 2 | 11 | 5 | 4 | 4 | 0 |
| | 1130 | 652 | 1000.9 | 932.3 | .. | 35.8 | 20.2 | 10.0 | 12.3 | 22 | .. | 1.4 | .. | 15.0 | 0 | 8 | 20 | 03 | 3 | 1 | 1 | 1 | 5 | 7 | 7 | 3 | 0 |
| | 1430 | 652 | 998.0 | 930.0 | .. | 37.3 | 20.2 | 8.6 | 11.2 | 19 | .. | 3.0 | .. | 20.3 | 0 | 17 | 13 | 04 | 4 | 1 | 3 | 1 | 2 | 6 | 9 | 1 | 0 |
| | 1730 | 652 | 997.4 | 929.0 | +0.2 | 35.7 | 20.1 | 9.8 | 12.1 | 22 | - 9 | 3.4 | -1.0 | 16.4 | 0 | 8 | 21 | 05 | 1 | 2 | 4 | 3 | 2 | 1 | 11 | 2 | 0 |
| | 2030 | 652 | 1000.4 | 930.9 | .. | 31.6 | 19.3 | 11.3 | 13.4 | 31 | .. | 2.7 | .. | 7.8 | 0 | 1 | 21 | 00 | 1 | 2 | 4 | 3 | 1 | 1 | 10 | 9 | 0 |
| Jamshedpur | 0830 | 129 | 1003.1 | 988.9 | -0.4 | 32.3 | 24.0 | 19.7 | 22.9 | 49 | - 8 | 1.4 | -1.0 | 3.0 | 0 | 0 | 26 | 01 | 1 | 3 | 2 | 1 | 3 | 10 | 5 | 5 | 0 |
| | 1730 | 129 | 998.4 | 984.5 | +0.4 | 37.6 | 23.2 | 14.6 | 16.6 | 29 | - 4 | 2.9 | -1.2 | 5.2 | 0 | 1 | 27 | 02 | 2 | 7 | 7 | 2 | 0 | 2 | 6 | 3 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1002.3 | 986.5 | .. | 28.0 | 23.1 | 20.6 | 24.3 | 65 | .. | 2.0 | .. | 2.0 | 0 | 0 | 10 | 00 | 2 | 2 | 1 | 2 | 2 | 1 | 0 | 21 | 0 |
| | 0830 | 142 | 1003.9 | 988.2 | +1.0 | 32.7 | 24.0 | 19.5 | 22.7 | 48 | - 4 | 1.4 | -1.4 | 5.6 | 0 | 1 | 23 | 00 | 1 | 2 | 4 | 4 | 6 | 4 | 3 | 7 | 0 |
| | 1130 | 142 | 1002.3 | 987.0 | .. | 37.6 | 24.5 | 17.5 | 20.0 | 32 | .. | 1.3 | .. | 7.3 | 0 | 1 | 26 | 01 | 2 | 1 | 5 | 5 | 6 | 2 | 5 | 4 | 0 |
| | 1430 | 142 | 999.0 | 983.8 | .. | 40.1 | 24.1 | 13.8 | 17.2 | 24 | .. | 2.5 | .. | 9.5 | 0 | 2 | 28 | 01 | 3 | 3 | 3 | 6 | 1 | 1 | 12 | 1 | 0 |
| | 1730 | 142 | 998.6 | 983.3 | +0.8 | 37.3 | 23.6 | 15.7 | 17.8 | 31 | - 1 | 3.6 | -1.4 | 9.5 | 0 | 1 | 29 | 01 | 5 | 9 | 2 | 1 | 1 | 2 | 9 | 1 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) | 2030 | 142 | 1001.1 | 985.5 | .. | 33.0 | 23.9 | 19.2 | 22.2 | 47 | .. | 3.1 | .. | 7.2 | 0 | 2 | 23 | 00 | 5 | 8 | 4 | 1 | 0 | 2 | 5 | 6 | 0 |
| - contd. | 2330 | 142 | 1002.0 | 986.4 | .. | 31.0 | 23.7 | 19.9 | 23.2 | 54 | .. | 2.3 | .. | 5.3 | 0 | 1 | 18 | 00 | 7 | 5 | 2 | 0 | 3 | 1 | 1 | 12 | 0 |
| Chaibasa | 0830 | 226 | 1003.8 | 979.0 | +0.4 | 32.8 | 23.7 | 18.9 | 21.8 | 45 | -10 | 1.8 | -1.8 | 3.2 | 0 | 0 | 23 | 00 | 3 | 0 | 1 | 1 | 15 | 0 | 3 | 8 | 0 |
| | 1730 | 226 | 998.2 | 973.8 | -0.1 | 37.1 | 22.9 | 14.3 | 16.3 | 28 | - 8 | 3.1 | -2.3 | 3.0 | 0 | 0 | 22 | 00 | 6 | 0 | 7 | 0 | 4 | 0 | 5 | 9 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1003.5 | 996.1 | -0.3 | 30.0 | 23.9 | 20.9 | 24.7 | 60 | - 3 | 0.7 | -1.0 | 8.4 | 0 | 0 | 31 | 01 | 4 | 14 | 2 | 0 | 0 | 4 | 6 | 0 | 0 |
| | 1730 | 66 | 999.7 | 992.4 | +0.4 | 34.5 | 25.9 | 21.9 | 26.3 | 51 | + 1 | 0.7 | -0.7 | 4.7[a] | 0 | 0 | 21 | 01 | 4 | 7 | 3 | 0 | 0 | 4 | 2 | 9 | 0 |
| Forbesganj | 0830 | 61 | 1004.0 | 997.2 | +0.1 | 28.4 | 22.9 | 20.1 | 23.5 | 60 | - 8 | 3.5 | -0.4 | 3.5 | 0 | 0 | 25 | 00 | 2 | 18 | 1 | 0 | 0 | 4 | 0 | 6 | 0 |
| | 1730 | 61 | 999.6 | 993.0 | +0.5 | 33.8 | 24.2 | 19.3 | 22.4 | 46 | - 3 | 2.4 | +0.3 | 2.6 | 0 | 0 | 24 | 00 | 1 | 10 | 3 | 0 | 0 | 8 | 2 | 7 | 0 |
| Darbhanga | 0830 | 49 | 1005.3 | 999.9 | +1.4 | 32.1 | 25.0 | 21.7 | 25.9 | 57 | - 8 | 1.5 | -1.0 | 10.1 | 0 | 6 | 24 | 01 | 5 | 8 | 8 | 0 | 1 | 5 | 2 | 1 | 0 |
| | 1730 | 49 | 1001.1 | 995.6 | +1.7 | 35.1 | 26.3 | 22.3 | 26.9 | 49 | + 3 | 0.4 | -0.8 | 4.5 | 0 | 1 | 21 | 00 | 7 | 5 | 3 | 0 | 0 | 6 | 1 | 9 | 0 |
| Chapra | 0830 | 58 | 1003.0 | 996.7 | .. | 31.7 | 22.5 | 17.3 | 19.7 | 45 | .. | 0.3 | .. | 7.0 | 0 | 2 | 26 | 01 | 7 | 2 | 5 | 0 | 7 | 2 | 4 | 3 | 0 |
| | 1730 | 58 | 998.9 | 992.7 | .. | 37.5 | 24.4 | 17.3 | 19.7 | 33 | .. | 1.0 | .. | 5.7 | 0 | 0 | 29 | 01 | 10 | 0 | 2 | 0 | 10 | 1 | 5 | 2 | 0 |
| Purnea | 0830 | 38 | 1004.1 | 999.8 | -0.6 | 28.6 | 23.1 | 20.3 | 23.8 | 63 | - 7 | 3.3 | -0.4 | 2.2 | 0 | 0 | 26 | 00 | 0 | 17 | 0 | 0 | 3 | 6 | 0 | 5 | 0 |
| | 1730 | 38 | 999.7 | 995.5 | -0.2 | 33.7 | 25.6 | 21.9 | 26.3 | 54 | - 2 | 2.0 | -0.2 | 2.1 | 0 | 0 | 23 | 01 | 2 | 10 | 1 | 0 | 1 | 8 | 0 | 8 | 0 |
| Patna | 0830 | 53 | 1003.2 | 997.3 | -0.1 | 30.8 | 22.5 | 17.9 | 20.5 | 49 | - 7 | 1.5 | -0.5 | 9.5 | 0 | 1 | 30 | 01 | 12 | 4 | 1 | 0 | 4 | 9 | 0 | 0 | 0 |
| | 1730 | 53 | 999.0 | 993.2 | +0.3 | 37.2 | 24.1 | 16.9 | 19.3 | 32 | - 4 | 1.1 | -0.6 | 8.5 | 0 | 0 | 31 | 02 | 15 | 2 | 0 | 0 | 1 | 11 | 0 | 0 | 0 |
| Patna Aerodrome | 0530 | 60 | 1001.4 | 994.6 | .. | 26.1 | 20.5 | 17.1 | 19.5 | 60 | .. | 1.9 | .. | 8.1 | 0 | 1 | 27 | 00 | 1 | 11 | 3 | 1 | 5 | 6 | 1 | 3 | 0 |
| | 0830 | 60 | 1003.2 | 996.6 | +1.1 | 31.3 | 22.3 | 17.1 | 19.5 | 46 | - 5 | 1.3 | -0.4 | 14.5 | 0 | 8 | 23 | 00 | 2 | 11 | 3 | 0 | 3 | 9 | 3 | 0 | 0 |
| | 1130 | 60 | 1002.7 | 996.2 | .. | 36.5 | 23.5 | 16.1 | 18.3 | 33 | .. | 1.2 | .. | 14.6 | 0 | 8 | 23 | 01 | 7 | 9 | 2 | 0 | 0 | 5 | 5 | 0 | 2 |
| | 1430 | 60 | 1000.0 | 993.5 | .. | 39.0 | 23.8 | 15.0 | 17.0 | 26 | .. | 1.1 | .. | 14.1 | 0 | 9 | 22 | 00 | 4 | 10 | 1 | 0 | 0 | 7 | 7 | 0 | 2 |
| | 1730 | 60 | 998.7 | 992.2 | +1.2 | 37.8 | 23.4 | 15.0 | 17.0 | 28 | + 0 | 1.1 | -0.3 | 11.5 | 0 | 4 | 27 | 00 | 8 | 8 | 0 | 0 | 0 | 6 | 9 | 0 | 0 |
| | 2030 | 60 | 1000.9 | 994.2 | .. | 32.5 | 22.9 | 17.5 | 20.0 | 43 | .. | 1.0 | .. | 9.2 | 0 | 5 | 20 | 00 | 5 | 11 | 0 | 0 | 2 | 5 | 2 | 6 | 0 |
| | 2330 | 60 | 1001.6 | 994.9 | .. | 29.7 | 22.1 | 17.8 | 20.4 | 49 | .. | 1.0 | .. | 9.7 | 0 | 2 | 22 | 00 | 1 | 15 | 0 | 0 | 1 | 5 | 2 | 7 | 0 |
| Bhagalpur | 0530 | 49 | 1002.3 | 996.7 | .. | 26.9 | 21.5 | 18.5 | 21.3 | 63 | .. | 4.1 | .. | 6.6 | 0 | 1 | 28 | 00 | 4 | 9 | 3 | 3 | 7 | 3 | 0 | 2 | 0 |
| | 0830 | 49 | 1003.7 | 998.3 | +0.1 | 31.7 | 23.6 | 19.3 | 22.4 | 51 | - 9 | 2.8 | +0.1 | 9.7 | 0 | 5 | 26 | 00 | 5 | 8 | 4 | 3 | 3 | 7 | 1 | 0 | 0 |
| | 1130 | 49 | 1003.2 | 997.8 | .. | 35.8 | 24.2 | 18.0 | 21.2 | 39 | .. | 2.6 | .. | 11.2 | 0 | 6 | 25 | 00 | 5 | 9 | 3 | 1 | 4 | 5 | 4 | 0 | 0 |
| | 1730 | 49 | 999.7 | 994.3 | +0.3 | 35.4 | 24.3 | 18.5 | 21.3 | 40 | - 3 | 2.7 | +0.7 | 9.8 | 0 | 4 | 26 | 02 | 3 | 11 | 1 | 1 | 2 | 9 | 1 | 1 | 0 |
| | 2330 | 49 | 1001.9 | 996.4 | .. | 29.8 | 22.8 | 19.0 | 22.0 | 56 | .. | 2.4 | .. | 8.3 | 0 | 1 | 29 | 00 | 2 | 11 | 6 | 1 | 5 | 5 | 0 | 1 | 0 |
| Sabaur | 0830 | 37 | 1003.6 | 999.5 | -0.2 | 31.0 | 24.7 | 21.7 | 25.9 | 60 | - 6 | 2.2 | -0.9 | 12.7 | 0 | 5 | 25 | 02 | 1 | 8 | 5 | 2 | 3 | 7 | 2 | 1 | 0 |
| | 1730 | 37 | 999.1 | 995.0 | -0.1 | 36.0 | 27.0 | 23.1 | 28.3 | 50 | + 1 | 2.3 | -0.8 | 9.6 | 0 | 3 | 25 | 04 | 1 | 11 | 0 | 1 | 0 | 7 | 4 | 3 | 0 |
| Jamui | 0830 | 82 | .. | .. | .. | 34.6 | 24.7 | 19.6 | 22.8 | 42 | - 8 | 0.2 | -1.6 | 2.4 | 0 | 0 | 31 | 00 | 2 | 5 | 6 | 2 | 0 | 4 | 12 | 0 | 0 |
| | 1730 | 82 | .. | .. | .. | 37.8 | 26.0 | 20.4 | 23.9 | 39 | + 2 | 0.0 | -1.8 | 2.3 | 0 | 0 | 31 | 00 | 0 | 5 | 0 | 0 | 0 | 6 | 20 | 0 | 0 |
| Dehri | 0830 | 107 | 1002.6 | 990.8 | +0.6 | 33.9 | 23.0 | 16.9 | 19.3 | 37 | - 1 | 0.8 | -0.7 | 3.9 | 0 | 0 | 31 | 02 | 2 | 4 | 4 | 6 | 3 | 6 | 4 | 0 | 0 |
| | 1730 | 107 | 998.0 | 986.5 | +0.7 | 39.5 | 23.3 | 13.4 | 15.4 | 22 | + 1 | 0.9 | -0.5 | 5.7 | 0 | 0 | 30 | 04 | 1 | 3 | 0 | 1 | 1 | 16 | 4 | 1 | 0 |
| Gaya | 0230 | 116 | 1000.9 | 988.0 | .. | 29.0 | 20.7 | 15.6 | 17.7 | 45 | .. | 0.8 | .. | 10.2 | 0 | 4 | 24 | 01 | 7 | 5 | 2 | 3 | 6 | 3 | 1 | 3 | 0 |
| | 0530 | 116 | 1001.4 | 988.4 | .. | 27.5 | 20.1 | 15.4 | 17.5 | 49 | .. | 1.4 | .. | 9.3 | 0 | 4 | 26 | 02 | 3 | 4 | 9 | 3 | 6 | 3 | 0 | 1 | 0 |
| | 0830 | 116 | 1002.9 | 990.2 | +0.3 | 34.1 | 22.5 | 15.7 | 17.8 | 35 | - 4 | 0.9 | -0.6 | 14.8 | 0 | 8 | 23 | 01 | 2 | 7 | 2 | 5 | 6 | 6 | 2 | 0 | 0 |
| | 1130 | 116 | 1002.5 | 989.9 | .. | 39.1 | 23.1 | 13.2 | 15.2 | 22 | .. | 1.0 | .. | 16.9 | 0 | 12 | 19 | 04 | 4 | 2 | 1 | 0 | 1 | 13 | 6 | 0 | 0 |
| | 1430 | 116 | 999.7 | 987.3 | .. | 41.1 | 22.8 | 10.6 | 12.8 | 17 | .. | 1.4 | .. | 19.5 | 0 | 16 | 15 | 06 | 2 | 1 | 1 | 0 | 1 | 6 | 14 | 0 | 0 |
| | 1730 | 116 | 998.5 | 986.0 | +0.4 | 40.0 | 22.3 | 10.2 | 12.4 | 17 | - 7 | 1.1 | -0.8 | 16.0 | 0 | 10 | 21 | 04 | 4 | 1 | 1 | 0 | 1 | 9 | 11 | 0 | 0 |
| | 2030 | 116 | 1000.3 | 987.6 | .. | 35.1 | 22.1 | 14.0 | 16.0 | 29 | .. | 1.0 | .. | 11.1 | 0 | 3 | 25 | 02 | 8 | 5 | 0 | 2 | 2 | 5 | 4 | 3 | 0 |
| | 2330 | 116 | 1001.3 | 988.5 | .. | 31.6 | 21.6 | 15.5 | 17.6 | 39 | .. | 0.8 | .. | 10.9 | 0 | 3 | 25 | 00 | 7 | 4 | 5 | 4 | 4 | 4 | 0 | 3 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | 1002.2 | 985.7 | -0.4 | 27.5 | 21.5 | 17.9 | 20.5 | 57 | +10 | 1.2 | +0.2 | 5.5 | 0 | 0 | 27 | 00 | 1 | 15 | 1 | 0 | 1 | 9 | 0 | 4 | 0 |
| | 1730 | 147 | 997.8 | 982.0 | +0.1 | 39.1 | 24.8 | 17.1 | 19.5 | 29 | + 0 | 1.0 | +0.2 | 4.3 | 0 | 0 | 26 | 00 | 0 | 4 | 2 | 0 | 0 | 20 | 0 | 5 | 0 |
| Bahraich | 0830 | 124 | 1002.9 | 989.2 | +0.1 | 30.6 | 22.7 | 18.1 | 20.8 | 49 | - 1 | 1.5 | +0.2 | 14.4 | 0 | 5 | 24 | 00 | 1 | 1 | 14 | 0 | 1 | 4 | 8 | 2 | 0 |
| | 1730 | 124 | 998.1 | 984.8 | +0.1 | 39.0 | 23.9 | 15.1 | 17.1 | 27 | - 4 | 0.8 | -0.3 | 10.3 | 0 | 3 | 24 | 03 | 0 | 0 | 3 | 0 | 4 | 7 | 10 | 4 | 0 |
| Nautanwa | 0830 | 99 | 1002.2 | 990.9 | -1.2 | 30.3 | 21.6 | 15.6 | 17.7 | 45 | - 6 | 1.1 | -0.1 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 998.1 | 987.4 | -0.1 | 36.7 | 22.9 | 13.5 | 15.5 | 28 | - 5 | 0.9 | +0.0 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 1003.0 | 987.5 | +1.3 | 32.0 | 20.9 | 12.7 | 14.7 | 31 | -12 | 0.2 | -0.9 | 4.8 | 0 | 0 | 31 | 05 | 1 | 4 | 1 | 0 | 0 | 20 | 0 | 0 | 0 |
| | 1730 | 142 | 998.5 | 983.6 | +0.9 | 39.4 | 21.0 | 6.0 | 9.3 | 16 | -11 | 0.1 | -1.0 | 5.4 | 0 | 0 | 31 | 04 | 0 | 0 | 0 | 1 | 3 | 19 | 4 | 0 | 0 |
| Gonda | 0830 | 110 | 1003.3 | 991.2 | +0.2 | 31.8 | 22.6 | 17.1 | 19.5 | 43 | - 6 | 0.8 | -0.6 | 5.1 | 0 | 0 | 28 | 01 | 0 | 14 | 0 | 0 | 0 | 4 | 9 | 3 | 0 |
| | 1730 | 110 | 998.5 | 986.6 | +0.0 | 39.2 | 23.8 | 14.5 | 16.6 | 25 | - 3 | 0.5 | -0.6 | 3.9 | 0 | 0 | 23 | 00 | 0 | 4 | 0 | 0 | 0 | 11 | 8 | 8 | 0 |
| Lucknow | 0830 | 111 | 1002.5 | 990.0 | -0.3 | 31.7 | 23.2 | 18.6 | 21.4 | 48 | + 4 | 1.1 | -0.1 | 1.7 | 0 | 0 | 16 | 00 | 3 | 2 | 0 | 0 | 0 | 7 | 4 | 15 | 0 |
| | 1730 | 111 | 998.7 | 986.8 | +0.5 | 39.3 | 26.2 | 19.7 | 22.9 | 34 | + 7 | 0.9 | +0.0 | 1.7 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 0 | 0 | 16 | 2 | 12 | 1 |
| Lucknow (Amausi) | 0230 | 128 | 1000.3 | 986.0 | .. | 27.6 | 18.2 | 10.5 | 12.7 | 36 | .. | 1.3 | .. | 4.9 | 0 | 0 | 22 | 02 | 1 | 4 | 3 | 0 | 2 | 5 | 5 | 9 | 0 |
| | 0530 | 128 | 1001.1 | 986.7 | .. | 25.9 | 18.1 | 12.0 | 14.0 | 44 | .. | 1.7 | .. | 5.7 | 0 | 1 | 27 | 02 | 3 | 6 | 2 | 3 | 1 | 5 | 6 | 3 | 0 |
| | 0830 | 128 | 1002.4 | 988.6 | +0.7 | 31.5 | 20.9 | 13.2 | 15.2 | 36 | - 2 | 1.3 | +0.1 | 14.5 | 0 | 8 | 23 | 03 | 4 | 6 | 2 | 1 | 2 | 5 | 8 | 0 | 0 |
| | 1130 | 128 | 1002.2 | 988.3 | .. | 37.7 | 21.8 | 9.7 | 12.0 | 21 | .. | 1.0 | .. | 13.8 | 0 | 8 | 21 | 02 | 3 | 3 | 3 | 1 | 1 | 5 | 11 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTER PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) -(Contd.) | 1430 | 128 | 999.7 | 986.0 | .. | 40.3 | 21.8 | 6.9 | 9.9 | 15 | .. | 0.9[b] | .. | 16.0 | 0 | 13 | 18 | 04 | 0 | 0 | 3 | 0 | 2 | 7 | 15 | 0 | 0 |
| | 1730 | 128 | 998.1 | 984.4 | +0.7 | 40.0 | 21.3 | 5.9 | 9.3 | 14 | - 6 | 0.8 | -0.3 | 16.3 | 0 | 7 | 20 | 02 | 2 | 1 | 0 | 0 | 0 | 5 | 17 | 4 | 0 |
| | 2030 | 128 | 1000.0 | 986.0 | .. | 33.3 | 20.1 | 10.0 | 12.3 | 26 | .. | 1.0 | .. | 6.7 | 0 | 4 | 16 | 03 | 1 | 2 | 1 | 0 | 1 | 8 | 4 | 11 | 0 |
| | 2330 | 128 | 1000.9 | 985.9 | .. | 29.6 | 18.9 | 10.7 | 12.9 | 32 | .. | 0.9 | .. | 4.0 | 0 | 0 | 19 | 03 | 3 | 2 | 2 | 0 | 1 | 4 | 4 | 12 | 0 |
| Faizabad | 0830 | 102 | 1002.7 | 991.4 | -0.1 | 31.0 | 22.3 | 16.6 | 18.9 | 45 | - 4 | 1.5 | -0.1 | 6.5 | 0 | 2 | 26 | 02 | 3 | 8 | 2 | 0 | 1 | 9 | 3 | 3 | 0 |
| | 1730 | 102 | 998.6 | 987.3 | +0.0 | 38.0 | 23.5 | 14.2 | 16.2 | 26 | - 4 | 0.8 | -0.8 | 4.1 | 0 | 0 | 23 | 00 | 0 | 2 | 1 | 0 | 1 | 16 | 3 | 8 | 0 |
| Gorakhpur | 0830 | 77 | 1003.8 | 995.2 | +0.7 | 31.9 | 22.8 | 17.5 | 20.0 | 45 | -11 | 0.8 | -0.7 | 5.4 | 0 | 0 | 30 | 01 | 0 | 17 | 0 | 0 | 0 | 11 | 1 | 1 | 0 |
| | 1730 | 77 | 998.5 | 990.4 | +0.1 | 38.6 | 24.8 | 17.4 | 19.9 | 30 | - 6 | 0.5 | -0.8 | 2.9 | 0 | 0 | 27 | 02 | 0 | 9 | 0 | 2 | 1 | 13 | 0 | 4 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1000.2 | 991.5 | .. | 28.6 | 21.3 | 17.3 | 19.7 | 53 | .. | 1.6 | .. | 8.4 | 0 | 1 | 25 | 01 | 1 | 7 | 7 | 1 | 2 | 3 | 4 | 5 | 0 |
| | 0530 | 78 | 1001.0 | 992.2 | .. | 27.3 | 21.0 | 17.5 | 20.0 | 58 | .. | 1.0 | .. | 7.5 | 0 | 1 | 30 | 04 | 6 | 7 | 2 | 1 | 3 | 4 | 4 | 0 | 0 |
| | 1130 | 78 | 1002.5 | 993.9 | .. | 34.8 | 23.6 | 18.3 | 21.0 | 40 | .. | 1.4 | .. | 11.2 | 0 | 4 | 27 | 00 | 1 | 9 | 5 | 2 | 5 | 5 | 4 | 0 | 0 |
| | 1430 | 78 | 999.9 | 991.2 | .. | 37.3 | 24.0 | 17.6 | 20.1 | 34 | .. | 1.9 | .. | 9.1 | 0 | 2 | 27 | 00 | 0 | 2 | 7 | 6 | 3 | 9 | 2 | 2 | 0 |
| | 2030 | 78 | 1000.0 | 991.4 | .. | 33.3 | 23.0 | 18.0 | 20.6 | 42 | .. | 1.0 | .. | 7.0 | 0 | 0 | 26 | 01 | 4 | 6 | 3 | 1 | 3 | 6 | 2 | 5 | 0 |
| | 2330 | 78 | 1001.1 | 992.6 | .. | 30.4 | 22.2 | 18.0 | 20.6 | 50 | .. | 1.5 | .. | 8.1 | 0 | 1 | 27 | 00 | 7 | 7 | 4 | 1 | 3 | 3 | 3 | 3 | 0 |
| Kanpur | 0830 | 126 | 1003.3 | 989.3 | +0.7 | 31.3 | 21.4 | 15.1 | 17.1 | 39 | + 4 | 0.7 | -0.2 | 10.1 | 0 | 1 | 30 | 07 | 0 | 5 | 0 | 0 | 2 | 10 | 7 | 0 | 0 |
| Kanpur (Aerodrome) | 1730 | 126 | 998.9 | 985.6 | +0.9 | 41.3 | 24.5 | 14.8 | 16.8 | 21 | + 0 | 0.8 | -0.2 | 11.8 | 0 | 2 | 29 | 01 | 1 | 0 | 0 | 1 | 0 | 14 | 14 | 0 | 0 |
| | 0530 | 126 | 1001.2 | 987.2 | .. | 26.8 | 17.7 | 9.7 | 12.0 | 37 | .. | 1.3 | .. | 9.7 | 0 | 1 | 27 | 05 | 1 | 1 | 1 | 2 | 2 | 13 | 3 | 3 | 0 |
| | 0830 | 126 | 1002.9 | 989.1 | .. | 32.8 | 20.1 | 10.2 | 12.4 | 28 | .. | 1.5 | .. | 15.7 | 0 | 5 | 25 | 06 | 2 | 1 | 2 | 1 | 3 | 10 | 5 | 1 | 0 |
| | 1130 | 126 | 1002.1 | 988.8 | .. | 38.9 | 21.6 | 8.2 | 10.9 | 17 | .. | 0.7 | .. | 18.0 | 0 | 8 | 23 | 04 | 0 | 2 | 2 | 1 | 2 | 6 | 14 | 0 | 0 |
| | 1730 | 126 | 998.4 | 985.0 | .. | 40.8 | 21.3 | 4.9 | 8.7 | 13 | .. | 1.1 | .. | 14.7 | 0 | 5 | 26 | 03 | 2 | 0 | 1 | 0 | 0 | 6 | 19 | 0 | 0 |
| | 2330 | 126 | 1001.0 | 987.1 | .. | 31.2 | 19.0 | 9.6 | 11.9 | 28 | .. | 0.8 | .. | 8.9 | 0 | 2 | 21 | 02 | 3 | 2 | 2 | 1 | 0 | 9 | 4 | 8 | 0 |
| Sultanpur | 0830 | 97 | 1003.5 | 992.8 | +0.5 | 31.8 | 21.7 | 14.7 | 16.7 | 39 | - 4 | 1.1 | -0.2 | 4.5 | 0 | 0 | 27 | 01 | 2 | 6 | 4 | 0 | 2 | 6 | 6 | 4 | 0 |
| Azamgarh | 1730 | 97 | 998.8 | 988.0 | -0.3 | 40.6 | 23.2 | 11.3 | 13.4 | 19 | - 6 | 0.5 | -0.6 | 3.2 | 0 | 0 | 25 | 01 | 2 | 2 | 2 | 0 | 2 | 9 | 7 | 6 | 0 |
| | 0830 | 78 | 1003.1 | 994.2 | +0.7 | 31.5 | 24.7 | 20.8 | 24.6 | 57 | + 5 | 0.8 | +0.1 | 5.9 | 0 | 0 | 31 | 03 | 0 | 13 | 1 | 1 | 1 | 12 | 0 | 0 | 0 |
| | 1730 | 78 | 998.3 | 990.0 | +0.7 | 39.9 | 28.1 | 22.2 | 26.7 | 40 | + 5 | 0.6 | +0.1 | 5.4 | 0 | 0 | 27 | 05 | 1 | 2 | 0 | 1 | 0 | 15 | 3 | 4 | 0 |
| Fatehpur | 0830 | 114 | 1003.1 | 990.5 | +0.8 | 33.9 | 21.1 | 11.8 | 13.7 | 28 | -11 | 0.7 | -0.6 | 9.9 | 0 | 1 | 29 | 05 | 2 | 2 | 0 | 1 | 5 | 7 | 6 | 1 | 0 |
| | 1730 | 114 | 998.6 | 986.4 | +0.8 | 41.3 | 22.4 | 8.4 | 11.2 | 15 | -10 | 1.3 | +0.0 | 13.7 | 0 | 3 | 28 | 02 | 1 | 0 | 0 | 0 | 1 | 3 | 24 | 0 | 0 |
| Ballia | 0830 | 64 | 1003.5 | 996.5 | +0.8 | 32.7 | 24.0 | 19.0 | 22.0 | 48 | + 3 | 0.0 | -1.4 | 2.6 | 0 | 0 | 16 | 00 | 0 | 8 | 0 | 0 | 0 | 8 | 0 | 15 | 0 |
| | 1730 | 64 | 1000.1 | 993.2 | +1.5 | 39.3 | 26.6 | 20.0 | 23.4 | 36 | +10 | 0.5 | -0.5 | 2.3 | 0 | 0 | 21 | 00 | 0 | 9 | 0 | 0 | 0 | 11 | 1 | 10 | 0 |
| Banda | 0830 | 121 | 1003.7 | 990.4 | +1.2 | 34.9 | 21.8 | 12.9 | 14.9 | 28 | - 7 | 0.7 | -0.1 | 4.0 | 0 | 0 | 28 | 00 | 1 | 0 | 2 | 0 | 21 | 2 | 1 | 3 | 1 |
| | 1730 | 121 | 999.2 | 986.0 | +0.8 | 40.8 | 21.5 | 6.1 | 9.4 | 13 | -12 | 1.0 | -0.5 | 2.5 | 0 | 0 | 29 | 01 | 1 | 0 | 0 | 0 | 20 | 0 | 7 | 2 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1000.6 | 989.7 | .. | 29.6 | 19.7 | 11.7 | 13.7 | 35 | .. | 1.3 | .. | 1.6 | 0 | 0 | 16 | 00 | 3 | 2 | 0 | 1 | 3 | 2 | 5 | 15 | 0 |
| | 0530 | 98 | 1001.1 | 990.2 | .. | 28.0 | 18.5 | 11.7 | 13.7 | 38 | .. | 1.5 | .. | 1.5 | 0 | 0 | 16 | 00 | 2 | 1 | 1 | 3 | 2 | 4 | 3 | 15 | 0 |
| | 0830 | 98 | 1003.1 | 992.3 | +0.7 | 33.7 | 21.3 | 12.5 | 14.5 | 30 | - 5 | 1.1 | -0.3 | 5.6 | 0 | 0 | 26 | 01 | 2 | 2 | 1 | 1 | 5 | 9 | 5 | 5 | 0 |
| | 1130 | 98 | 1002.4 | 991.7 | .. | 40.1 | 22.6 | 9.6 | 11.9 | 19 | .. | 1.3 | .. | 8.0 | 0 | 1 | 29 | 03 | 0 | 1 | 1 | 0 | 2 | 12 | 11 | 1 | 0 |
| | 1430 | 98 | 999.9 | 989.4 | .. | 42.4 | 22.9 | 8.7 | 11.2 | 15 | .. | 1.3 | .. | 9.4 | 0 | 2 | 29 | 04 | 1 | 0 | 1 | 0 | 1 | 16 | 8 | 0 | 0 |
| | 1730 | 98 | 998.3 | 987.8 | +0.5 | 41.3 | 22.4 | 8.4 | 11.0 | 15 | - 4 | 1.2 | -0.3 | 6.0 | 0 | 1 | 29 | 03 | 1 | 0 | 0 | 1 | 2 | 9 | 14 | 1 | 0 |
| | 2030 | 98 | 1000.0 | 989.3 | .. | 35.3 | 21.7 | 12.3 | 14.3 | 26 | .. | 0.9 | .. | 2.5 | 0 | 1 | 10 | 00 | 2 | 1 | 0 | 2 | 0 | 3 | 3 | 20 | 0 |
| | 2330 | 98 | 1001.0 | 990.2 | .. | 32.1 | 20.2 | 11.5 | 13.6 | 29 | .. | 1.2 | .. | 2.8 | 0 | 0 | 15 | 01 | 3 | 2 | 0 | 2 | 1 | 2 | 4 | 16 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1001.9 | 992.3 | .. | 27.2 | 20.2 | 14.8 | 16.8 | 51 | .. | 1.1 | .. | 5.2 | 0 | 0 | 21 | 00 | 3 | 6 | 1 | 1 | 3 | 6 | 1 | 10 | 0 |
| | 0830 | 85 | 1003.8 | 994.3 | +1.0 | 32.8 | 22.4 | 15.3 | 17.3 | 39 | + 2 | 0.8 | -0.5 | 12.0 | 0 | 3 | 26 | 00 | 3 | 5 | 2 | 2 | 2 | 12 | 3 | 2 | 0 |
| | 1130 | 85 | 1003.1 | 993.8 | .. | 37.5 | 23.1 | 12.8 | 14.8 | 25 | .. | 0.7 | .. | 13.0 | 0 | 4 | 26 | 03 | 1 | 5 | 0 | 0 | 2 | 9 | 7 | 1 | 5 |
| | 1730 | 85 | 999.1 | 989.9 | +0.8 | 40.1 | 22.7 | 10.8 | 12.9 | 19 | - 3 | 0.9 | -0.3 | 11.9 | 0 | 2 | 28 | 03 | 0 | 2 | 0 | 0 | 1 | 16 | 6 | 1 | 2 |
| | 2330 | 85 | 1001.8 | 992.2 | .. | 31.2 | 20.7 | 13.3 | 15.3 | 35 | .. | 0.8 | .. | 7.9 | 0 | 2 | 17 | 00 | 1 | 8 | 0 | 0 | 1 | 9 | 0 | 12 | 0 |
| Varanasi | 0830 | 76 | 1002.2 | 993.9 | -0.1 | 32.2 | 22.9 | 17.8 | 20.4 | 49 | + 5 | 1.0[a] | -0.6 | 1.7 | 0 | 0 | 22 | 00 | 3 | 4 | 0 | 1 | 0 | 9 | 5 | 9 | 0 |
| | 1730 | 76 | 998.0 | 989.8 | +0.2 | 40.3 | 24.8 | 16.2 | 18.4 | 26 | + 2 | 0.7 | -0.7 | 1.5 | 0 | 0 | 14 | 00 | 1 | 3 | 0 | 0 | 0 | 6 | 4 | 17 | 0 |
| **UTTAR PRADESH WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 20.8 | 11.9 | 4.0 | 8.1 | 36 | - 8 | 1.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.0 | 12.2 | 1.4 | 6.8 | 29 | - 8 | 3.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | | .. | .. | .. | 24.9 | 16.1 | 9.3 | 11.7 | 40 | - 6 | 2.0 | +0.2 | 2.3 | 0 | 0 | 22 | 10 | 8 | 1 | 0 | 0 | 0 | 1 | 2 | 9 | 0 |
| | 1130 | | .. | .. | .. | 33.0 | 18.1 | 6.3 | 9.5 | 22 | .. | 2.0 | .. | 3.3 | 0 | 0 | 26 | 02 | 10 | 5 | 1 | 3 | 1 | 1 | 3 | 5 | 0 |
| | 1730 | | .. | .. | .. | 35.0 | 18.5 | 5.0 | 8.7 | 19 | - 6 | 2.7 | -0.6 | 5.7 | 0 | 0 | 31 | 03 | 1 | 3 | 2 | 6 | 5 | 6 | 5 | 0 | 0 |
| Dehra Dun | 0530 | 682 | 1002.1 | 927.2 | .. | 23.1 | 16.3 | 11.4 | 13.5 | 50 | .. | 1.4 | .. | 0.6 | 0 | 0 | 6 | 03 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 25 | 0 |
| | 0830 | 682 | 1002.2 | 928.4 | -0.3 | 27.2 | 18.7 | 13.2 | 15.2 | 44 | + 3 | 0.9 | -0.9 | 1.2 | 0 | 0 | 17 | 01 | 0 | 0 | 2 | 3 | 1 | 9 | 1 | 14 | 0 |
| | 1130 | 682 | 1001.1 | 929.0 | .. | 34.1 | 20.4 | 11.6 | 13.7 | 28 | .. | 1.6 | .. | 2.8 | 0 | 0 | 20 | 01 | 1 | 2 | 3 | 1 | 6 | 4 | 2 | 11 | 0 |
| | 1730 | 682 | 997.2 | 925.5 | -0.2 | 35.2 | 20.9 | 12.2 | 14.2 | 28 | + 2 | 1.7 | -0.8 | 2.1 | 0 | 0 | 28 | 01 | 1 | 2 | 1 | 4 | 7 | 10 | 2 | 3 | 0 |
| | 2330 | 682 | 1001.4 | 927.5 | .. | 26.8 | 17.8 | 11.7 | 13.7 | 38 | .. | 1.8 | .. | 1.7 | 0 | 0 | 14 | 07 | 5 | 0 | 0 | 1 | 0 | 1 | 0 | 17 | 0 |
| Mussoorie | 0830 | - | .. | .. | .. | 19.5 | 10.6 | 2.1 | 7.1 | 31 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | - | .. | .. | .. | 20.6 | 11.5 | 3.3 | 7.7 | 31 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1004.5 | 974.2 | +2.1 | 28.8 | 19.2 | 12.3 | 14.3 | 39 | + 2 | 1.6 | -0.2 | 1.4 | 0 | 0 | 21 | 00 | 0 | 1 | 11 | 0 | 0 | 0 | 9 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee (Contd.) | 1730 | 274 | 1000.7 | 971.4 | +3.1 | 38.1 | 22.8 | 12.8 | 14.8 | 24 | + 4 | 1.2 | -0.8 | 1.7 | 0 | 0 | 26 | 00 | 0 | 0 | 3 | 0 | 0 | 1 | 22 | 5 | 0 |
| Najibabad | 0830 | 270 | 1003.2 | 973.4 | +0.7 | 28.8 | 19.1 | 11.9 | 13.9 | 38 | - 1 | 1.1 | +0.1 | 4.7 | 0 | 1 | 27 | 01 | 0 | 12 | 3 | 1 | 1 | 6 | 2 | 3 | 2 |
| | 1730 | 270 | 998.8 | 970.0 | +0.3 | 37.8 | 21.6 | 9.7 | 12.0 | 22 | + 1 | 0.9 | +0.2 | 4.6 | 0 | 0 | 30 | 00 | 0 | 3 | 1 | 1 | 2 | 20 | 2 | 1 | 1 |
| Meerut | 0830 | 222 | 1003.4 | 978.6 | +0.6 | 30.2 | 21.1 | 15.2 | 17.3 | 43 | + 5 | 0.4 | -0.1 | 5.1 | 0 | 0 | 29 | 00 | 0 | 5 | 2 | 0 | 2 | 14 | 6 | 2 | 0 |
| Bareilly | 0830 | 173 | 1002.7 | 983.2 | +0.1 | 30.9 | 22.2 | 17.1 | 19.5 | 45 | + 6 | 1.6 | +0.3 | 9.9 | 0 | 2 | 29 | 01 | 1 | 5 | 3 | 2 | 2 | 11 | 6 | 0 | 0 |
| | 1730 | 173 | 998.5 | 979.9 | +1.0 | 38.0 | 24.0 | 16.2 | 18.4 | 28 | + 5 | 1.1 | -0.2 | 8.3 | 0 | 1 | 30 | 02 | 1 | 0 | 2 | 0 | 1 | 21 | 4 | 0 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1000.4 | 981.2 | .. | 28.2 | 18.6 | 13.0 | 15.0 | 41 | .. | 1.3 | .. | 4.8 | 0 | 0 | 26 | 01 | 3 | 2 | 1 | 0 | 2 | 12 | 5 | 5 | 0 |
| | 0530 | 172 | 1001.4 | 982.0 | .. | 26.2 | 18.9 | 13.5 | 15.5 | 48 | .. | 1.5 | .. | 5.3 | 0 | 0 | 29 | 01 | 4 | 8 | 2 | 0 | 0 | 9 | 5 | 2 | 0 |
| | 1130 | 172 | 1002.2 | 983.4 | .. | 36.0 | 21.8 | 14.4 | 16.4 | 30 | .. | 0.5 | .. | 8.9 | 0 | 2 | 28 | 00 | 0 | 6 | 7 | 0 | 1 | 8 | 8 | 1 | 0 |
| | 1430 | 172 | 999.8 | 981.2 | .. | 39.1 | 21.8 | 12.6 | 14.6 | 19 | .. | 0.9 | .. | 0.5 | 0 | 3 | 27 | 01 | 1 | 0 | 2 | 0 | 2 | 5 | 19 | 1 | 0 |
| | 2030 | 172 | 1000.0 | 981.0 | .. | 32.7 | 20.4 | 13.4 | 15.4 | 33 | .. | 0.9 | .. | 4.0 | 0 | 1 | 24 | 01 | 1 | 2 | 0 | 0 | 2 | 13 | 6 | 6 | 0 |
| | 2330 | 172 | 1000.7 | 981.6 | .. | 30.3 | 19.3 | 12.8 | 14.8 | 37 | .. | 1.1 | .. | 5.0 | 0 | 0 | 24 | 01 | 3 | 2 | 0 | 0 | 1 | 15 | 2 | 7 | 0 |
| Aligarh | 0830 | 187 | 1003.3 | 982.5 | +0.8 | 30.7 | 20.0 | 12.3 | 14.3 | 34 | - 1 | 1.2 | +0.2 | 7.2 | 0 | 0 | 30 | 01 | 1 | 3 | 2 | 1 | 3 | 12 | 7 | 1 | 0 |
| | 1730 | 187 | 999.6 | 979.0 | +1.0 | 37.9 | 21.7 | 9.5 | 11.9 | 22 | + 0 | 1.5 | +0.1 | 6.6 | 0 | 0 | 30 | 08 | 2 | 1 | 0 | 0 | 1 | 16 | 2 | 1 | 0 |
| Mainpuri | 0830 | 157 | 1002.8 | 985.6 | +0.5 | 32.4 | 22.5 | 16.5 | 18.8 | 41 | + 6 | 1.5 | +0.1 | 7.5 | 0 | 1 | 29 | 01 | 2 | 1 | 3 | 0 | 1 | 2 | 20 | 1 | 0 |
| | 1730 | 157 | 999.0 | 982.2 | +1.0 | 40.0 | 24.0 | 13.8 | 15.6 | 22 | - 1 | 1.1 | -0.4 | 10.0 | 0 | 2 | 27 | 02 | 1 | 0 | 0 | 0 | 0 | 4 | 22 | 2 | 0 |
| Agra | 0830 | 169 | 1003.5 | 984.5 | +0.6 | 32.2 | 23.7 | 19.3 | 22.4 | 48 | +18 | 0.5 | -0.6 | 0.7 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 28 | 0 |
| | 1730 | 169 | 999.1 | 981.0 | +0.8 | 40.0 | 27.6 | 22.1 | 26.6 | 37 | +16 | 0.7 | -0.8 | 4.5 | 0 | 0 | 16 | 00 | 1 | 0 | 0 | 0 | 2 | 0 | 13 | 15 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 1002.0 | 983.0 | .. | 25.6 | 19.0 | 14.0 | 16.0 | 51 | .. | 1.1 | .. | 10.8 | 0 | 1 | 27 | 02 | 0 | 3 | 0 | 0 | 2 | 12 | 7 | 3 | 2 |
| | 0830 | 169 | 1003.6 | 984.9 | .. | 31.2 | 21.5 | 15.2 | 17.3 | 41 | .. | 1.2 | .. | 17.5 | 0 | 11 | 19 | 04 | 0 | 2 | 1 | 2 | 1 | 12 | 8 | 1 | 0 |
| | 1130 | 169 | 1003.1 | 984.8 | .. | 37.9 | 23.3 | 14.4 | 16.4 | 27 | .. | 0.7 | .. | 18.5 | 0 | 6 | 25 | 04 | 1 | 1 | 0 | 1 | 3 | 6 | 14 | 0 | 1 |
| | 1730 | 169 | 999.1 | 981.0 | .. | 39.2 | 23.3 | 13.6 | 15.6 | 24 | .. | 1.3 | .. | 17.7 | 0 | 7 | 24 | 05 | 2 | 0 | 1 | 0 | 3 | 5 | 15 | 0 | 0 |
| | 2330 | 169 | 1001.3 | 982.8 | .. | 29.8 | 21.1 | 15.5 | 17.6 | 45 | .. | 0.7 | .. | 9.0 | 0 | 2 | 16 | 01 | 0 | 3 | 0 | 2 | 2 | 3 | 7 | 13 | 0 |
| Orai | 0830 | 141 | 1004.0 | 988.6 | +0.9 | 35.2 | 24.0 | 17.7 | 20.2 | 37 | + 1 | 1.3 | +0.4 | 4.3 | 0 | 0 | 30 | 02 | 9 | 0 | 0 | 0 | 2 | 1 | 16 | 1 | 0 |
| | 1730 | 141 | 999.5 | 984.4 | +0.9 | 39.8 | 24.0 | 14.6 | 16.6 | 23 | - 4 | 0.4 | -1.1 | 3.5 | 0 | 0 | 28 | 00 | 9 | 0 | 1 | 0 | 0 | 1 | 17 | 3 | 0 |
| Jhansi | 0830 | 251 | 1004.0 | 976.5 | +1.1 | 32.1 | 19.5 | 8.6 | 11.9 | 26 | + 0 | 2.2 | +1.0 | 2.7 | 0 | 0 | 26 | 03 | 1 | 1 | 0 | 3 | 2 | 16 | 0 | 5 | 0 |
| | 1730 | 251 | 998.5 | 973.3 | +1.8 | 41.2 | 21.9 | 6.8 | 9.9 | 14 | - 1 | 2.0 | -0.3 | 3.4 | 0 | 0 | 30 | 07 | 0 | 2 | 0 | 7 | 0 | 12 | 2 | 1 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1001.9 | 967.0 | .. | 24.6 | 16.6 | 9.9 | 12.2 | 45 | .. | 2.5 | .. | 7.9 | 0 | 3 | 17 | 04 | 7 | 2 | 0 | 3 | 1 | 2 | 1 | 11 | 0 |
| | 0830 | 312 | 1002.7 | 968.4 | +1.0 | 30.0 | 18.4 | 9.0 | 11.4 | 31 | + 6 | 2.5 | +0.0 | 10.8 | 0 | 2 | 24 | 10 | 9 | 2 | 3 | 0 | 1 | 1 | 0 | 5 | 0 |
| | 1130 | 312 | 1002.3 | 968.6 | .. | 35.1 | 19.7 | 7.2 | 10.1 | 22 | .. | 2.3 | .. | 11.5 | 0 | 3 | 25 | 03 | 3 | 1 | 1 | 9 | 4 | 4 | 2 | 3 | 1 |
| | 1730 | 312 | 999.2 | 965.6 | +0.0 | 37.3 | 19.9 | 4.8 | 8.6 | 18 | - 1 | 2.2 | -1.0 | 15.8 | 0 | 4 | 27 | 05 | 0 | 0 | 1 | 3 | 8 | 9 | 5 | 0 | 0 |
| | 2330 | 312 | 1001.7 | 967.3 | .. | 28.0 | 17.8 | 9.6 | 11.9 | 35 | .. | 1.7 | .. | 9.1 | 0 | 2 | 18 | 06 | 7 | 0 | 1 | 2 | 0 | 2 | 2 | 11 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1002.0 | 975.4 | .. | 21.4 | 16.5 | 12.8 | 14.8 | 60 | .. | 2.1 | .. | 7.0 | 1 | 1 | 17 | 00 | 4 | 7 | 2 | 0 | 0 | 2 | 4 | 12 | 0 |
| | 0830 | 234 | 1002.9 | 976.9 | +0.6 | 28.1 | 19.2 | 12.9 | 14.9 | 42 | + 4 | 2.2 | +0.3 | 8.4 | 0 | 2 | 26 | 05 | 5 | 9 | 1 | 0 | 0 | 1 | 7 | 3 | 0 |
| | 1130 | 234 | 1002.6 | 977.1 | .. | 35.3 | 20.6 | 9.7 | 12.0 | 24 | .. | 1.5 | .. | 11.2 | 0 | 3 | 24 | 01 | 2 | 5 | 5 | 2 | 1 | 3 | 8 | 4 | 0 |
| | 1430 | 234 | 1000.8 | 975.5 | .. | 37.6 | 20.7 | 7.2 | 10.6 | 19 | .. | 1.1 | .. | 12.5 | 0 | 5 | 22 | 02 | 1 | 5 | 3 | 2 | 2 | 5 | 7 | 4 | 0 |
| | 1730 | 234 | 999.2 | 974.0 | +0.5 | 37.2 | 20.4 | 7.0 | 10.0 | 20 | + 1 | 1.3 | -0.4 | 11.0 | 0 | 3 | 23 | 01 | 0 | 4 | 1 | 1 | 5 | 6 | 8 | 5 | 0 |
| | 2030 | 234 | 1000.6 | 974.7 | .. | 29.3 | 19.5 | 12.6 | 14.6 | 38 | .. | 1.7 | .. | 6.9 | 1 | 0 | 23 | 03 | 2 | 3 | 0 | 2 | 3 | 8 | 3 | 7 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1002.6 | 975.1 | .. | 29.5 | 20.7 | 15.4 | 17.5 | 44 | .. | 2.2 | .. | 11.8 | 0 | 2 | 23 | 04 | 2 | 4 | 6 | 1 | 1 | 1 | 6 | 6 | 0 |
| | 1730 | 249 | 999.6 | 972.8 | .. | 36.7 | 22.4 | 13.1 | 15.1 | 28 | .. | 1.4 | .. | 17.2 | 0 | 11 | 20 | 00 | 0 | 1 | 1 | 3 | 4 | 10 | 12 | 0 | 0 |
| Ludhiana | 0830 | 247 | 1003.0 | 975.7 | +0.7 | 30.0 | 20.1 | 13.2 | 15.2 | 38 | + 1 | 2.0 | +0.7 | 3.4 | 0 | 0 | 27 | 03 | 4 | 2 | 2 | 2 | 4 | 3 | 7 | 4 | 0 |
| | 1730 | 247 | 998.6 | 972.2 | +0.3 | 38.3 | 21.9 | 10.4 | 12.6 | 21 | - 1 | 0.9 | -0.8 | 2.5 | 0 | 0 | 28 | 01 | 4 | 1 | 1 | 1 | 0 | 2 | 18 | 3 | 0 |
| Ferozepur | 0830 | 200 | 1003.1 | 980.7 | +1.1 | 28.3 | 20.0 | 14.9 | 16.9 | 45 | - 3 | 0.9 | -0.2 | 4.4 | 0 | 3 | 23 | 07 | 3 | 1 | 1 | 5 | 0 | 2 | 7 | 5 | 0 |
| | 1730 | 200 | 999.7 | 978.1 | +1.2 | 37.4 | 22.4 | 12.7 | 14.9 | 23 | - 5 | 0.6 | -0.6 | 3.5 | 0 | 0 | 31 | 07 | 1 | 0 | 1 | 4 | 0 | 3 | 15 | 0 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 1002.6 | 975.9 | .. | 30.1 | 19.2 | 11.0 | 13.1 | 33 | .. | 1.8 | .. | 13.8 | 0 | 5 | 23 | 04 | 2 | 3 | 2 | 4 | 3 | 2 | 8 | 3 | 0 |
| | 1730 | 242 | 999.6 | 973.1 | .. | 37.6 | 20.6 | 6.8 | 9.9 | 19 | .. | 1.4[a] | .. | 15.1 | 0 | 7 | 23 | 03 | 1 | 2 | 2 | 2 | 2 | 5 | 13 | 1 | 0 |
| Chandigarh | 0830 | 347 | 1000.8 | 962.3 | -1.0 | 27.4 | 17.2 | 8.3 | 10.9 | 34 | + 2 | 1.2 | +0.4 | 1.9 | 0 | 0 | 13 | 00 | 1 | 0 | 7 | 0 | 0 | 0 | 5 | 18 | 0 |
| | 1730 | 347 | 998.4 | 961.1 | +0.4 | 37.4 | 21.4 | 8.5 | 11.1 | 22 | + 1 | 1.5[a] | +0.7 | 5.6 | 0 | 0 | 28 | 00 | 0 | 0 | 20 | 0 | 0 | 0 | 8 | 3 | 0 |
| Ambala | 0830 | 272 | 1002.2 | 972.0 | +0.1 | 29.4 | 20.7 | 15.4 | 16.4 | 44 | + 8 | 0.9 | -0.5 | 6.4 | 0 | 0 | 7 | 02 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 1730 | 272 | 998.6 | 969.2 | +0.7 | 37.4 | 24.2 | 17.2 | 19.6 | 32 | +11 | 0.7 | -0.9 | 4.4 | 0 | 0 | 30 | 00 | 8 | 0 | 13 | 0 | 0 | 1 | 8 | 1 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 1000.4 | 969.7 | .. | 28.5 | 18.0 | 11.3 | 13.4 | 37 | .. | 1.3 | .. | 7.7 | 0 | 3 | 21 | 01 | 3 | 2 | 3 | 0 | 1 | 1 | 13 | 7 | 0 |
| | 0530 | 278 | 1000.9 | 969.9 | .. | 26.3 | 17.5 | 11.9 | 13.9 | 43 | .. | 1.3 | .. | 5.4 | 0 | 1 | 18 | 01 | 0 | 1 | 4 | 0 | 0 | 1 | 12 | 12 | 0 |
| | 1130 | 278 | 1002.0 | 971.9 | .. | 35.4 | 20.7 | 12.4 | 14.4 | 27 | .. | 1.2 | .. | 10.5 | 0 | 6 | 20 | 00 | 1 | 0 | 7 | 1 | 4 | 1 | 12 | 5 | 0 |
| | 1430 | 278 | 999.6 | 970.0 | .. | 37.5 | 21.0 | 11.6 | 13.6 | 23 | .. | 1.2 | .. | 9.7 | 0 | 4 | 23 | 02 | 2 | 1 | 1 | 0 | 2 | 5 | 14 | 4 | 0 |
| | 2030 | 278 | 999.1 | 969.2 | .. | 33.5 | 19.9 | 11.9 | 13.9 | 29 | .. | 1.2 | .. | 6.1 | 0 | 1 | 19 | 00 | 0 | 1 | 4 | 0 | 2 | 2 | 11 | 11 | 0 |
| | 2330 | 278 | 1000.9 | 970.2 | .. | 30.6 | 18.9 | 11.6 | 13.6 | 34 | .. | 1.2 | .. | 8.1 | 0 | 1 | 24 | 03 | 1 | 1 | 3 | 1 | 0 | 4 | 12 | 6 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1001.2 | 970.4 | .. | 23.2 | 17.6 | 13.0 | 15.0 | 53 | .. | 1.5 | .. | 8.1 | 0 | 3 | 14 | 01 | 0 | 4 | 2 | 0 | 1 | 7 | 2 | 14 | 0 |
| | 0830 | 274 | 1001.9 | 971.7 | .. | 31.0 | 20.5 | 13.5 | 15.5 | 40 | .. | 1.6 | .. | 13.5 | 0 | 8 | 20 | 00 | 0 | 5 | 4 | 3 | 1 | 9 | 5 | 3 | 1 |
| | 1130 | 274 | 1001.6 | 972.0 | .. | 36.5 | 22.5 | 13.4 | 15.4 | 28 | .. | 1.4 | .. | 17.2 | 0 | 12 | 19 | 00 | 0 | 2 | 5 | 4 | 6 | 5 | 8 | 0 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 – Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI) (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala(Aerodrome) -contd. | 1730 | 274 | 998.3 | 968.9 | .. | 38.1 | 22.6 | 12.1 | 14.1 | 24 | .. | 1.4 | .. | 16.9 | 0 | 8 | 22 | 00 | 0 | 1 | 2 | 0 | 7 | 14 | 5 | 1 | 1 |
| | 2330 | 274 | 1000.6 | 970.5 | .. | 28.5 | 19.4 | 13.1 | 15.1 | 41 | .. | 1.5 | .. | 7.7 | 0 | 4 | 15 | 02 | 0 | 2 | 2 | 1 | 1 | 4 | 7 | 12 | 0 |
| Patiala | 0830 | 251 | 1002.9 | 975.2 | +0.7 | 30.0 | 20.9 | 15.0 | 17.0 | 44 | + 8 | 1.8 | +0.1 | 6.0 | 0 | 1 | 14 | 01 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 16 | 0 |
| | 1730 | 251 | 998.5 | 971.9 | +0.6 | 37.8 | 22.1 | 11.5 | 13.5 | 23 | + 3 | 0.9 | -1.1 | 12.3 | 0 | 5 | 23 | 00 | 0 | 0 | 2 | 0 | 0 | 0 | 26 | 3 | 0 |
| Bhatinda | 0830 | 211 | 1002.8 | 979.5 | .. | 31.8 | 23.0 | 17.5 | 20.1 | 45 | - 4 | 0.9 | -0.1 | 3.8 | 0 | 0 | 23 | 00 | 0 | 0 | 8 | 1 | 4 | 0 | 10 | 8 | 0 |
| | 1730 | 211 | 998.4 | 975.7 | .. | 38.5 | 28.5 | 16.8 | 19.1 | 30 | - 9 | 0.8 | -0.4 | 5.4 | 0 | 0 | 29 | 01 | 1 | 0 | 1 | 0 | 5 | 10 | 20 | 2 | 0 |
| Karnal | 0830 | 249 | 1003.2 | 976.2 | +1.7 | 30.9 | 20.1 | 12.7 | 14.7 | 36 | - 5 | 0.5 | -0.9 | 3.7 | 0 | 0 | 29 | 01 | 0 | 1 | 4 | 1 | 1 | 1 | 20 | 2 | 0 |
| | 1730 | 249 | 1000.1 | 972.6 | +0.8 | 37.7 | 21.0 | 8.5 | 11.1 | 17 | - 2 | 0.5 | -1.2 | 3.2 | 0 | 0 | 25 | 01 | 0 | 0 | 2 | 0 | 0 | 0 | 22 | 6 | 0 |
| Hissar | 0530 | 221 | 1001.9 | 977.1 | .. | 25.4 | 21.4 | 19.2 | 20.2 | 70 | .. | 1.1 | .. | 6.5 | 0 | 2 | 26 | 01 | 0 | 2 | 1 | 1 | 14 | 6 | 3 | 3 | 0 |
| | 0830 | 221 | 1003.3 | 978.7 | +0.7 | 29.4 | 24.5 | 22.1 | 26.6 | 66 | +25 | 0.8[a] | +0.1 | 7.5 | 0 | 1 | 28 | 02 | 1 | 2 | 3 | 3 | 12 | 3 | 3 | 2 | 0 |
| | 1130 | 221 | 1002.8 | 978.8 | .. | 36.7 | 28.9 | 25.0 | 31.7 | 54 | .. | 0.4[a] | .. | 11.9 | 0 | 5 | 25 | 02 | 0 | 1 | 2 | 3 | 8 | 11 | 3 | 1 | 0 |
| | 1730 | 221 | 998.8 | 975.3 | +0.7 | 39.0 | 29.5 | 25.8 | 33.4 | 48 | +24 | 1.2 | +0.2 | 11.6 | 0 | 3 | 28 | 01 | 0 | 3 | 2 | 0 | 7 | 11 | 6 | 0 | 1 |
| | 2330 | 221 | 1001.7 | 977.2 | .. | 29.4 | 23.6 | 20.5 | 24.1 | 58 | .. | 0.8[a] | .. | 5.2 | 0 | 0 | 26 | 03 | 1 | 2 | 1 | 1 | 5 | 7 | 6 | 5 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1001.6 | 977.5 | .. | 27.9 | 18.4 | 11.6 | 13.7 | 40 | .. | 1.0 | .. | 10.8 | 0 | 2 | 28 | 02 | 2 | 1 | 1 | 1 | 4 | 8 | 11 | 1 | 0 |
| | 0530 | 216 | 1001.9 | 977.7 | .. | 26.4 | 18.1 | 11.5 | 13.6 | 43 | .. | 1.5 | .. | 13.9 | 0 | 9 | 21 | 01 | 0 | 2 | 2 | 1 | 3 | 14 | 7 | 1 | 0 |
| | 0830 | 216 | 1003.4 | 979.4 | +1.1 | 29.6 | 19.6 | 12.1 | 14.1 | 37 | + 6 | 1.3 | +0.1 | 19.0 | 0 | 17 | 14 | 02 | 2 | 0 | 3 | 1 | 1 | 12 | 10 | 0 | 0 |
| | 1130 | 216 | 1003.0 | 979.5 | .. | 35.8 | 21.7 | 11.8 | 13.8 | 27 | .. | 0.6 | .. | 22.1 | 0 | 21 | 10 | 01 | 0 | 1 | 1 | 1 | 3 | 9 | 15 | 0 | 0 |
| | 1430 | 216 | 1000.9 | 977.6 | .. | 38.5 | 21.8 | 9.4 | 11.8 | 20 | .. | 1.5[b] | .. | 19.9 | 0 | 17 | 14 | 02 | 0 | 0 | 0 | 1 | 3 | 8 | 17 | 0 | 0 |
| | 1730 | 216 | 999.6 | 976.3 | +1.7 | 37.7 | 21.5 | 8.9 | 11.4 | 23 | + 5 | 1.9[c] | +0.1 | 17.4 | 0 | 13 | 17 | 02 | 0 | 2 | 1 | 1 | 4 | 4 | 16 | 1 | 0 |
| | 2030 | 216 | 1000.6 | 976.9 | .. | 32.9 | 21.0 | 12.5 | 14.5 | 33 | .. | 1.3[b] | .. | 8.8 | 0 | 1 | 28 | 02 | 1 | 2 | 3 | 2 | 1 | 5 | 13 | 2 | 0 |
| | 2330 | 216 | 1001.8 | 977.9 | .. | 29.9 | 20.0 | 12.8 | 14.8 | 39 | .. | 1.3 | .. | 9.6 | 0 | 3 | 25 | 02 | 1 | 0 | 0 | 3 | 5 | 9 | 8 | 3 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1001.1 | 975.2 | .. | 26.5 | 18.9 | 13.0 | 15.0 | 47 | .. | 0.9 | .. | 9.0 | 0 | 2 | 25 | 01 | 0 | 2 | 2 | 3 | 9 | 7 | 3 | 4 | 0 |
| | 0530 | 233 | 1002.0 | 975.9 | .. | 24.9 | 18.2 | 13.1 | 15.1 | 51 | .. | 1.2[a] | .. | 11.5 | 0 | 4 | 26 | 03 | 0 | 2 | 3 | 5 | 9 | 6 | 2 | 1 | 0 |
| | 0830 | 233 | 1003.5 | 977.5 | .. | 30.2 | 20.6 | 14.2 | 16.2 | 40 | .. | 1.3[b] | .. | 16.0 | 0 | 10 | 19 | 01 | 0 | 2 | 2 | 1 | 7 | 6 | 10 | 2 | 0 |
| | 1130 | 233 | 1002.5 | 977.6 | .. | 36.5 | 22.5 | 18.3 | 15.3 | 29 | .. | 0.8 | .. | 19.5 | 0 | 17 | 14 | 02 | 0 | 1 | 1 | 2 | 3 | 9 | 13 | 0 | 0 |
| | 1430 | 233 | 1000.7 | 975.8 | .. | 39.1 | 23.1 | 13.2 | 15.2 | 24 | .. | 1.5[a] | .. | 20.4 | 0 | 16 | 15 | 05 | 0 | 0 | 0 | 1 | 2 | 10 | 13 | 0 | 0 |
| | 1730 | 233 | 998.8 | 974.1 | .. | 38.2 | 22.9 | 12.5 | 14.5 | 26 | .. | 1.9 | .. | 19.0 | 0 | 13 | 18 | 04 | 1 | 1 | 2 | 1 | 3 | 6 | 15 | 0 | 0 |
| | 2030 | 233 | 1000.4 | 974.9 | .. | 33.0 | 21.4 | 14.0 | 16.0 | 35 | .. | 1.4[c] | .. | 7.2 | 0 | 1 | 25 | 01 | 1 | 5 | 1 | 1 | 2 | 7 | 8 | 5 | 0 |
| | 2330 | 233 | 1001.9 | 976.1 | .. | 29.3 | 20.1 | 14.0 | 16.0 | 43 | .. | 1.2 | .. | 7.7 | 0 | 1 | 25 | 01 | 1 | 1 | 0 | 6 | 10 | 4 | 3 | 5 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1004.1 | 920.9 | +0.2 | 22.9 | 16.1 | 10.6 | 12.8 | 50 | - 1 | 2.0 | -0.1 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 996.8 | 916.9 | -0.5 | 33.4 | 17.7 | 4.5 | 8.4 | 20 | -10 | 2.3 | -0.8 | 0.0 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 29 | 0 |
| Bilaspur | 0830 | 587 | 1003.3 | 939.6 | +0.8 | 27.0 | 19.1 | 14.4 | 16.4 | 48 | + 5 | 1.5 | -0.5 | 0.8 | 0 | 0 | 6 | 02 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 25 | 0 |
| | 1730 | 587 | 998.6 | 936.5 | +1.6 | 35.6 | 22.5 | 15.0 | 17.0 | 33 | + 6 | 1.7 | -1.1 | 2.1 | 0 | 0 | 24 | 01 | 4 | 2 | 0 | 0 | 6 | 8 | 3 | 7 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3122.2 | 667.1 | .. | 2.0 | 1.1 | - 4.4 | 8.4 | 66 | .. | 3.5 | .. | 6.7 | 0 | 0 | 27 | 09 | 10 | 0 | 0 | 3 | 4 | 0 | 1 | 4 | 0 |
| | 0830 | 3514 | 3115.7 | 667.0 | -0.6 | 8.7 | 3.6 | - 2.0 | 5.2 | 48 | + 9 | 3.8[a] | +0.4 | 4.6 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 18 | 7 | 0 | 1 | 4 | 0 |
| | 1730 | 3514 | .. | .. | .. | 13.4 | 6.8 | - 0.2 | 6.0 | 41 | +14 | 3.3 | -1.4 | 5.7[c] | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 0 | 18 | 0 | 9 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1497.9 | 841.4 | +0.9 | 14.8 | 11.9 | 9.7 | 12.2 | 70 | - 1 | 3.7 | +0.5 | 3.3 | 0 | 1 | 24 | 03 | 0 | 1 | 9 | 2 | 2 | 5 | 3 | 6 | 0 |
| | 1130 | 1587 | 1494.9 | 841.2 | .. | 19.0 | 13.6 | 9.7 | - | 56 | .. | 3.8 | .. | 3.6 | 0 | 0 | 25 | 01 | 1 | 3 | 1 | 2 | 0 | 6 | 11 | 6 | 0 |
| | 1430 | 1587 | 1481.2 | 839.9 | .. | 21.2 | 14.4 | 9.6 | - | 50 | .. | 3.9 | .. | 4.6 | 0 | 0 | 30 | 02 | 4 | 2 | 3 | 0 | 0 | 4 | 15 | 1 | 0 |
| | 1730 | 1587 | 1470.4 | 838.8 | +1.0 | 21.1 | 14.2 | 9.2 | 11.9 | 50 | + 1 | 4.3 | -0.5 | 3.2 | 0 | 0 | 24 | 04 | 2 | 2 | 3 | 2 | 1 | 2 | 8 | 7 | 0 |
| | 2030 | 1587 | 1478.9 | 839.5 | .. | 17.1 | 13.4 | 10.9 | - | 69 | .. | 3.7 | .. | 3.8 | 0 | 1 | 12 | 06 | 3 | 0 | 0 | 0 | 0 | 0 | 4 | 18 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1487.2 | 832.5 | .. | 11.1 | 10.6 | 10.2 | 12.4 | 95 | .. | 4.1 | .. | 4.2 | 0 | 0 | 16 | 00 | 0 | 1 | 0 | 6 | 3 | 4 | 2 | 15 | 0 |
| | 0830 | 1666 | 1497.2 | 833.6 | .. | 14.4 | 13.1 | 12.1 | 14.1 | 87 | .. | 3.8 | .. | 3.5 | 0 | 0 | 13 | 01 | 2 | 0 | 0 | 1 | 3 | 2 | 4 | 18 | 0 |
| | 1130 | 1666 | 1495.1 | 833.6 | .. | 18.2 | 15.7 | 14.0 | 20.9 | 79 | .. | 4.1 | .. | 5.0 | 0 | 1 | 16 | 03 | 2 | 0 | 2 | 1 | 1 | 1 | 7 | 14 | 0 |
| | 1730 | 1666 | 1468.1 | 831.2 | .. | 20.1 | 17.6 | 16.3 | 18.5 | 81 | .. | 4.8 | .. | 7.5 | 0 | 1 | 20 | 04 | 1 | 1 | 0 | 0 | 1 | 4 | 10 | 10 | 0 |
| | 2330 | 1666 | 1487.1 | 832.7 | .. | 14.2 | 13.0 | 12.1 | 14.1 | 88 | .. | 3.0 | .. | 7.5 | 0 | 4 | 15 | 01 | 0 | 1 | 1 | 4 | 2 | 6 | 4 | 12 | 0 |
| Gulmarg | 0830 | 2655 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2655 | Functions only from June to September | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 14.3 | 11.2 | 8.6 | 11.2 | 70 | .. | 4.0 | .. | 1.1 | 0 | 0 | 13 | 01 | 2 | 2 | 0 | 0 | 0 | 3 | 5 | 18 | 0 |
| | 1730 | | .. | .. | .. | 20.9 | 14.1 | 9.1 | 11.5 | 50 | .. | 4.5 | .. | 1.8 | 0 | 0 | 15 | 00 | 1 | 0 | 2 | 2 | 1 | 6 | 3 | 16 | 0 |
| Banihal | 0830 | | .. | .. | .. | 16.7 | 11.8 | 7.9 | 10.6 | 58 | .. | 3.6 | .. | 9.8 | 0 | 3 | 17 | 00 | 0 | 0 | 0 | 2 | 0 | 0 | 18 | 11 | 0 |
| | 1730 | | .. | .. | .. | 22.7 | 14.3 | 8.1 | 11.5 | 43 | .. | 3.9 | .. | 7.1 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 2 | 0 | 0 | 17 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 0830 | 366 | 1004.2 | 963.8 | .. | 28.7 | 19.3 | 12.5 | 14.5 | 39 | + 7 | 2.2 | -0.1 | 6.7 | 0 | 0 | 30 | 03 | 22 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 0 |
| Jammu (Aerodrome) | 1730 | 366 | 999.3 | 960.0 | .. | 36.7 | 22.0 | 12.6 | 14.6 | 26 | .. | 1.7 | .. | 3.9 | 0 | 0 | 22 | 02 | 3 | 0 | 2 | 1 | 6 | 1 | 7 | 9 | 0 |
| | 0530 | 292 | 1001.8 | 968.9 | .. | 25.1 | 16.5 | 9.5 | - | 41 | .. | 2.7 | .. | 9.5 | 0 | 1 | 22 | 02 | 13 | 3 | 0 | 0 | 1 | 1 | 3 | 8 | 0 |
| | 0830 | 292 | 1002.4 | 970.0 | .. | 29.4 | 18.6 | 10.4 | 12.6 | 34 | .. | 2.4 | .. | 8.8 | 0 | 4 | 18 | 04 | 13 | 2 | 0 | 0 | 1 | 2 | 0 | 9 | 0 |
| | 1130 | 292 | 1002.0 | 970.0 | .. | 35.3 | 20.1 | 8.8 | 11.3 | 21 | .. | 2.0 | .. | 13.2 | 0 | 9 | 19 | 02 | 7 | 2 | 3 | 4 | 3 | 7 | 1 | 3 | 0 |
| | 1730 | 292 | 998.8 | 967.5 | .. | 37.2 | 20.5 | 7.7 | 10.5 | 19 | .. | 2.5 | .. | 11.3 | 0 | 3 | 28 | 01 | 2 | 0 | 0 | 6 | 0 | 16 | 6 | 0 | 0 |
| | 2330 | 292 | 1001.4 | 969.1 | .. | 27.8 | 17.9 | 10.1 | 12.3 | 36 | .. | 2.1 | .. | 8.8 | 0 | 5 | 16 | 02 | 11 | 1 | 0 | 1 | 1 | 2 | 3 | 10 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1001.4 | 981.5 | .. | 25.1 | 17.7 | 12.1 | 14.1 | 48 | .. | 0.6 | .. | 1.7 | 0 | 0 | 5 | 00 | 2 | 0 | 1 | 1 | 1 | 0 | 0 | 26 | 0 |
| | 0830 | 177 | 1002.6 | 982.9 | +0.6 | 29.8 | 19.9 | 13.1 | 15.1 | 39 | + 6 | 0.5 | -0.2 | 5.2 | 0 | 2 | 22 | 00 | 4 | 2 | 1 | 2 | 10 | 3 | 2 | 7 | 0 |
| | 1130 | 177 | 1002.3 | 983.1 | .. | 37.2 | 21.7 | 10.6 | 12.8 | 24 | .. | 0.9 | .. | 7.2 | 0 | 2 | 22 | 01 | 3 | 1 | 3 | 3 | 6 | 3 | 4 | 7 | 0 |
| | 1730 | 177 | 998.7 | 979.7 | +0.8 | 39.1 | 21.9 | 8.7 | 11.2 | 20 | + 2 | 0.6 | -0.5 | 5.4 | 0 | 0 | 30 | 08 | 1 | 1 | 0 | 1 | 8 | 6 | 5 | 1 | 0 |
| | 2330 | 177 | 1001.4 | 981.7 | .. | 28.6 | 20.1 | 14.5 | 16.5 | 45 | .. | 0.3 | .. | 2.1 | 0 | 1 | 5 | 00 | 3 | 0 | 1 | 0 | 0 | 0 | 2 | 25 | 0 |
| Anupgarh | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahajan | 0830 | 187 | 1002.6 | 981.7 | .. | 32.5 | - | - | - | 0 | .. | 0.2 | .. | 8.0[c] | 0 | 1 | 27 | 00 | 1 | 1 | 4 | 7 | 13 | 1 | 1 | 0 | 0 |
| | 1730 | 187 | 997.9 | 977.7 | .. | 38.5 | - | - | - | 0 | .. | 0.5 | .. | 7.0[c] | 0 | 1 | 25 | 04 | 0 | 0 | 1 | 5 | 8 | 3 | 5 | 0 | 0 |
| Churu | 0830 | 291 | 999.8 | 967.8 | -2.9 | 29.9 | 22.3 | 17.0 | 19.4 | 50 | +13 | 0.8[a] | -0.5 | 15.5 | 0 | 10 | 21 | 02 | 0 | 2 | 1 | 1 | 10 | 14 | 1 | 0 | 0 |
| | 1730 | 291 | 995.1 | 964.1 | -3.2 | 39.5 | 23.5 | 11.1 | 13.2 | 24 | + 3 | 1.1 | -1.2 | 15.3 | 0 | 6 | 24 | 07 | 0 | 0 | 1 | 0 | 5 | 10 | 7 | 1 | 0 |
| Bikaner | 0830 | 224 | 1004.1 | 979.1 | +1.4 | 29.5 | 20.1 | 12.5 | 14.5 | 39 | + 8 | 0.4 | -0.1 | 12.5 | 0 | 6 | 19 | 00 | 1 | 2 | 0 | 5 | 12 | 4 | 1 | 6 | 0 |
| | 1730 | 224 | 999.5 | 975.5 | +1.2 | 40.6 | 21.1 | 3.9 | 8.1 | 13 | - 3 | 0.5 | -0.6 | 8.3 | 0 | 2 | 26 | 05 | 1 | 0 | 0 | 2 | 8 | 7 | 5 | 3 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1002.5 | 977.4 | .. | 26.6 | 18.9 | 12.5 | 14.5 | 46 | .. | 0.9 | .. | 6.7 | 0 | 0 | 23 | 01 | 1 | 0 | 0 | 2 | 16 | 3 | 0 | 8 | 0 |
| | 1130 | 224 | 1002.4 | 979.1 | .. | 37.4 | 22.3 | 11.5 | 13.6 | 24 | .. | 0.6 | .. | 10.0 | 0 | 0 | 31 | 02 | 3 | 0 | 1 | 2 | 13 | 9 | 1 | 0 | 0 |
| | 2330 | 224 | 1002.1 | 977.7 | .. | 31.9 | 20.2 | 11.5 | 13.6 | 33 | .. | 0.9[a] | .. | 6.1 | 0 | 2 | 19 | 01 | 2 | 1 | 1 | 4 | 8 | 4 | 0 | 10 | 0 |
| Nagaur | 0830 | 298 | 1004.9 | 971.8 | +1.0 | 30.9 | 22.1 | 16.2 | 18.4 | 46 | +11 | 0.8 | -0.1 | 10.3 | 0 | 2 | 28 | 01 | 3 | 1 | 1 | 10 | 12 | 2 | 0 | 1 | 0 |
| | 1730 | 298 | 999.4 | 967.6 | +0.5 | 40.0 | 25.5 | 17.6 | 20.0 | 28 | + 8 | 1.4 | -0.6 | 10.1 | 0 | 2 | 29 | 04 | 1 | 0 | 0 | 6 | 11 | 6 | 3 | 0 | 0 |
| Phalodi | 0830 | 234 | 1004.2 | 978.3 | +0.5 | 30.5 | 22.0 | 16.3 | 18.5 | 48 | - 4 | 0.5 | -0.2 | 17.4 | 0 | 11 | 19 | 01 | 1 | 1 | 1 | 7 | 14 | 4 | 1 | 1 | 0 |
| | 1730 | 234 | 1000.8 | 975.8 | +1.1 | 40.7 | 24.2 | 13.7 | 15.7 | 22 | - 3 | 0.5 | -0.9 | 14.1 | 0 | 6 | 25 | 02 | 0 | 0 | 0 | 2 | 17 | 9 | 1 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1003.7 | 976.9 | +0.8 | 29.0 | 15.8 | - 0.7 | 5.8 | 18 | -37 | 0.4 | -0.1 | 13.6 | 0 | 6 | 23 | 02 | 2 | 0 | 15 | 9 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 242 | 999.0 | 973.4 | +0.5 | 41.0 | 20.2 | - 2.9 | 4.8 | 10 | -19 | 1.0 | -0.1 | 11.2 | 0 | 4 | 26 | 03 | 1 | 0 | 0 | 12 | 12 | 2 | 0 | 1 | 0 |
| Jodhpur | 0230 | 224 | 1003.1 | 978.4 | .. | 30.6 | 19.4 | 7.7 | 10.5 | 31 | .. | 0.1 | .. | 16.0 | 0 | 8 | 21 | 02 | 3 | 1 | 0 | 0 | 11 | 11 | 1 | 2 | 0 |
| | 0530 | 224 | 1003.9 | 978.9 | .. | 27.5 | 19.1 | 11.9 | 13.9 | 40 | .. | 0.8 | .. | 15.0 | 0 | 5 | 25 | 02 | 5 | 1 | 0 | 0 | 13 | 7 | 1 | 1 | 1 |
| | 0830 | 224 | 1005.5 | 980.6 | +1.4 | 29.6 | 20.3 | 12.7 | 14.1 | 46 | + 3 | 1.2 | +0.4 | 17.6 | 0 | 12 | 18 | 00 | 4 | 3 | 0 | 0 | 16 | 6 | 1 | 1 | 0 |
| | 1130 | 224 | 1004.9 | 980.6 | .. | 36.7 | 21.9 | 10.3 | 12.5 | 25 | .. | 0.4 | .. | 19.0 | 0 | 12 | 19 | 02 | 2 | 1 | 0 | 0 | 13 | 8 | 3 | 0 | 2 |
| | 1430 | 224 | 1002.5 | 978.4 | .. | 40.3 | 21.9 | 7.1 | 10.1 | 16 | .. | 0.7 | .. | 18.0 | 0 | 9 | 22 | 02 | 2 | 1 | 0 | 0 | 11 | 12 | 2 | 0 | 1 |
| | 1730 | 224 | 1000.9 | 976.8 | +1.5 | 40.7 | 21.6 | 5.4 | 9.0 | 14 | - 2 | 0.6 | -0.7 | 17.0 | 0 | 9 | 22 | 01 | 3 | 0 | 2 | 0 | 8 | 12 | 3 | 0 | 2 |
| | 2030 | 224 | 1001.8 | 977.5 | .. | 36.9 | 21.2 | 8.0 | 10.7 | 20 | .. | 0.3 | .. | 14.0 | 0 | 5 | 25 | 02 | 2 | 0 | 0 | 0 | 14 | 10 | 1 | 1 | 1 |
| | 2330 | 224 | 1003.1 | 978.5 | .. | 33.8 | 20.0 | 8.4 | 11.0 | 24 | .. | 0.3 | .. | 16.0 | 0 | 7 | 23 | 01 | 5 | 0 | 0 | 0 | 13 | 10 | 1 | 1 | 0 |
| Barmer | 0530 | 194 | 1002.8 | 980.9 | .. | 27.9 | 19.9 | 14.6 | 16.6 | 46 | .. | 1.1 | .. | 10.1 | 0 | 3 | 23 | 00 | 2 | 0 | 0 | 1 | 17 | 3 | 3 | 5 | 0 |
| | 0830 | 194 | 1004.3 | 982.7 | +0.5 | 29.5 | 21.2 | 16.0 | 18.2 | 46 | -11 | 1.8 | +1.0 | 6.4 | 0 | 0 | 26 | 00 | 1 | 0 | 0 | 3 | 15 | 3 | 4 | 5 | 0 |
| | 1130 | 194 | 1003.9 | 982.8 | .. | 36.5 | 24.0 | 16.8 | 19.1 | 33 | .. | 1.4 | .. | 8.5 | 0 | 0 | 31 | 00 | 2 | 1 | 3 | 5 | 16 | 1 | 3 | 0 | 0 |
| | 1730 | 194 | 999.5 | 978.8 | +0.3 | 41.3 | 25.0 | 15.7 | 17.8 | 24 | - 1 | 1.5 | +0.5 | 7.2 | 0 | 1 | 27 | 00 | 3 | 0 | 0 | 3 | 13 | 7 | 1 | 3 | 1 |
| | 2330 | 194 | 1002.5 | 981.2 | .. | 33.2 | 22.8 | 16.9 | 19.2 | 39 | .. | 0.6 | .. | 9.0 | 0 | 1 | 26 | 00 | 1 | 0 | 0 | 0 | 14 | 9 | 3 | 4 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 1005.3 | 971.1 | -0.9 | 30.5 | 21.6 | 14.3 | 13.4 | 43 | -10 | 0.6 | -0.4 | 7.0 | 0 | 0 | 28 | 00 | 1 | 0 | 3 | 10 | 13 | 0 | 1 | 3 | 0 |
| | 1730 | 295 | 1000.7 | 969.0 | +0.9 | 39.0 | 23.6 | 13.9 | 15.8 | 24 | -10 | 0.5 | -1.1 | 8.3 | 0 | 1 | 29 | 04 | 2 | 0 | 1 | 0 | 13 | 9 | 1 | 1 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1004.1 | 970.9 | +0.7 | 29.7 | 19.6 | 11.9 | 13.9 | 38 | + 7 | 0.8 | +0.2 | 20.0 | 0 | 13 | 18 | 02 | 1 | 1 | 1 | 0 | 12 | 12 | 2 | 0 | 0 |
| | 1730 | 301 | 999.6 | 967.5 | +0.9 | 38.8 | 20.8 | 5.6 | 9.0 | 18 | + 2 | 1.4 | -0.1 | 19.0 | 0 | 14 | 17 | 02 | 1 | 1 | 0 | 2 | 5 | 9 | 11 | 0 | 0 |
| Sikar | 0830 | 433 | 1004.1 | 956.7 | +0.4 | 28.9 | 19.8 | 13.7 | 15.7 | 40 | - 9 | 0.5 | -0.6 | 4.7 | 0 | 3 | 20 | 00 | 0 | 0 | 0 | 0 | 4 | 19 | 0 | 8 | 0 |
| | 1730 | 433 | 999.2 | 953.6 | +0.3 | 28.3 | 23.3 | 13.2 | 15.2 | 25 | -13 | 0.9 | -1.3 | 5.1 | 0 | 3 | 22 | 00 | 0 | 0 | 0 | 0 | 1 | 16 | 8 | 6 | 0 |
| Alwar | 0830 | 271 | 1002.3 | 973.0 | +0.8 | 32.4 | 23.2 | 18.0 | 20.6 | 43 | + 1 | 1.0[b] | -0.2 | 3.4 | 0 | 0 | 26 | 02 | 2 | 0 | 2 | 1 | 3 | 5 | 11 | 5 | 0 |
| | 1730 | 271 | 999.0 | 970.2 | +1.1 | 39.4 | 25.4 | 18.4 | 21.1 | 29 | - 4 | 1.8[a] | -0.7 | 2.5 | 0 | 0 | 25 | 02 | 2 | 0 | 0 | 2 | 7 | 4 | 8 | 6 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1002.1 | 959.1 | .. | 27.9 | 17.9 | 9.7 | 12.0 | 34 | .. | 0.3 | .. | 5.6 | 0 | 0 | 20 | 05 | 4 | 1 | 0 | 0 | 0 | 6 | 4 | 11 | 0 |
| | 0530 | 390 | 1002.7 | 959.5 | .. | 26.3 | 17.3 | 9.6 | 11.9 | 38 | .. | 0.5[b] | .. | 6.1 | 0 | 0 | 26 | 07 | 2 | 3 | 0 | 0 | 0 | 3 | 11 | 5 | 0 |
| | 0830 | 390 | 1003.8 | 961.2 | +0.5 | 31.3 | 19.7 | 10.4 | 12.6 | 32 | - 1 | 0.6 | -0.1 | 11.5 | 0 | 6 | 22 | 03 | 0 | 3 | 1 | 0 | 0 | 10 | 11 | 3 | 0 |
| | 1130 | 390 | 1002.9 | 961.1 | .. | 36.9 | 21.1 | 8.4 | 11.0 | 21 | .. | 0.8 | .. | 16.2 | 0 | 11 | 19 | 03 | 1 | 1 | 1 | 0 | 1 | 10 | 13 | 1 | 0 |
| | 1430 | 390 | 999.9 | 958.9 | .. | 39.5 | 21.4 | 6.8 | 9.9 | 16 | .. | 1.3 | .. | 14.9 | 0 | 11 | 19 | 02 | 0 | 0 | 0 | 1 | 2 | 8 | 17 | 1 | 0 |
| | 1730 | 390 | 998.7 | 957.3 | +0.1 | 39.2 | 21.0 | 6.2 | 9.5 | 15 | - 4 | 1.1 | -0.6 | 11.6 | 0 | 2 | 28 | 02 | 0 | 0 | 0 | 0 | 0 | 11 | 17 | 1 | 0 |
| | 2030 | 390 | 1000.3 | 958.5 | .. | 34.0 | 19.8 | 8.6 | 11.2 | 22 | .. | 0.5[a] | .. | 5.2 | 0 | 1 | 19 | 04 | 1 | 2 | 0 | 0 | 0 | 10 | 3 | 11 | 0 |
| | 2330 | 390 | 1002.2 | 959.5 | .. | 30.3 | 19.0 | 10.2 | 12.4 | 31 | .. | 0.3[a] | .. | 4.7 | 0 | 1 | 17 | 05 | 2 | 0 | 1 | 0 | 1 | 6 | 3 | 13 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur | 0830 | 176 | 1003.4 | 984.0 | +1.3 | 23.3 | 22.1 | 14.9 | 16.9 | 36 | + 1 | 0.6[b] | -0.7 | 4.1 | 0 | 1 | 23 | 01 | 1 | 0 | 1 | 0 | 4 | 10 | 7 | 7 | 0 |
| | 1730 | 176 | 998.7 | 979.9 | +1.0 | 40.8 | 24.8 | 15.1 | 17.1 | 23 | - 1 | 0.7 | -1.7 | 4.6 | 0 | 0 | 25 | 03 | 1 | 1 | 0 | 0 | 2 | 7 | 11 | 6 | 0 |
| Ajmer | 0830 | 486 | 1004.6 | 951.7 | +0.4 | 30.1 | 19.1 | 10.7 | 12.9 | 35 | - 4 | 0.6 | -0.3 | 15.7 | 0 | 12 | 16 | 00 | 4 | 0 | 1 | 0 | 11 | 12 | 0 | 3 | 0 |
| | 1730 | 486 | 999.3 | 948.1 | +0.8 | 38.7 | 19.7 | 4.4 | 8.4 | 14 | - 6 | 1.1 | -0.4 | 10.8 | 0 | 5 | 26 | 02 | 2 | 0 | 0 | 0 | 9 | 14 | 4 | 0 | 0 |
| Tonk | 0830 | 272 | 1003.5 | 973.6 | +1.1 | 31.7 | 23.7 | 19.3 | 22.4 | 49 | + 7 | 0.6 | -0.5 | 7.7 | 0 | 1 | 30 | 02 | 2 | 1 | 1 | 0 | 4 | 15 | 6 | 0 | 0 |
| | 1730 | 272 | 998.0 | 969.1 | +0.7 | 40.5 | 27.1 | 19.6 | 22.8 | 34 | +10 | 0.9 | -1.4 | 9.0 | 0 | 1 | 30 | 00 | 1 | 0 | 0 | 1 | 3 | 11 | 15 | 0 | 0 |
| Bhilwara | 0830 | 425 | 1005.0 | 958.7 | .. | 30.8 | 19.1 | 8.5 | 11.0 | 30 | .. | 0.3 | .. | 16.3 | 0 | 11 | 18 | 00 | 4 | 0 | 0 | 0 | 20 | 2 | 3 | 2 | 0 |
| | 1730 | 425 | 1000.3 | 955.5 | .. | 39.5 | 19.8 | 0.5 | 6.3 | 10 | .. | 1.2 | .. | 13.5 | 0 | 7 | 24 | 01 | 3 | 2 | 0 | 0 | 9 | 3 | 13 | 0 | 0 |
| Kota | 0830 | 257 | 1004.2 | 976.5 | +1.3 | 34.0 | 22.8 | 15.8 | 17.9 | 37 | + 9 | 1.2[b] | +0.4 | 13.4 | 0 | 9 | 18 | 03 | 0 | 1 | 1 | 0 | 5 | 11 | 6 | 4 | 0 |
| | 1730 | 257 | 999.3 | 972.1 | +0.8 | 41.0 | 24.4 | 14.2 | 16.2 | 23 | + 7 | 1.3 | -0.7 | 9.5 | 0 | 7 | 21 | 03 | 0 | 1 | 0 | 0 | 2 | 6 | 16 | 3 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1003.1 | 972.9 | .. | 30.2 | 18.7 | 8.7 | 11.2 | 29 | .. | 0.5 | .. | 11.6 | 0 | 4 | 27 | 00 | 2 | 1 | 0 | 0 | 18 | 8 | 2 | 0 | 0 |
| | 0830 | 274 | 1004.6 | 974.7 | .. | 33.5 | 20.0 | 8.5 | 11.1 | 25 | .. | 0.8 | .. | 14.0 | 0 | 8 | 23 | 00 | 4 | 1 | 0 | 1 | 6 | 12 | 7 | 0 | 0 |
| | 1130 | 274 | 1003.9 | 974.5 | .. | 38.8 | 21.2 | 6.7 | 9.8 | 17 | .. | 1.0 | .. | 13.8 | 0 | 5 | 26 | 01 | 5 | 0 | 0 | 0 | 11 | 4 | 10 | 0 | 0 |
| | 1730 | 274 | 999.8 | 970.7 | .. | 41.1 | 21.3 | 3.9 | 8.1 | 12 | .. | 1.5 | .. | 14.8 | 0 | 8 | 23 | 01 | 2 | 1 | 0 | 0 | 9 | 5 | 13 | 0 | 0 |
| | 2330 | 274 | 1002.8 | 973.0 | .. | 34.6 | 19.6 | 6.4 | 9.6 | 19 | .. | 0.7 | .. | 13.8 | 0 | 7 | 24 | 01 | 4 | 0 | 1 | 0 | 14 | 7 | 4 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1005.1 | 966.7 | +1.2 | 31.2 | 20.8 | 13.0 | 15.0 | 36 | - 4 | 0.7 | -0.6 | 10.9 | 0 | 4 | 20 | 01 | 3 | 0 | 1 | 0 | 10 | 6 | 2 | 7 | 1 |
| | 1730 | 351 | 999.8 | 962.7 | +1.1 | 39.7 | 22.0 | 8.9 | 11.4 | 17 | -11 | 0.9 | -2.1 | 13.3 | 0 | 8 | 22 | 01 | 4 | 1 | 0 | 1 | 10 | 6 | 8 | 1 | 0 |
| Udaipur | 0230 | 582 | 1004.1 | 940.9 | .. | 27.7 | 18.6 | 12.1 | 14.1 | 41 | .. | 0.5 | .. | 5.3 | 0 | 1 | 17 | 01 | 0 | 1 | 1 | 1 | 11 | 2 | 1 | 13 | 0 |
| | 0530 | 582 | 1004.9 | 941.1 | .. | 25.8 | 18.0 | 11.9 | 13.9 | 46 | .. | 0.8 | .. | 4.0 | 0 | 0 | 17 | 01 | 1 | 1 | 0 | 1 | 10 | 2 | 1 | 14 | 0 |
| | 0830 | 582 | 1005.6 | 942.6 | +1.2 | 30.1 | 19.7 | 12.0 | 14.0 | 38 | + 0 | 0.9 | +0.2 | 4.3 | 0 | 0 | 19 | 02 | 1 | 0 | 0 | 5 | 8 | 3 | 0 | 12 | 0 |
| | 1130 | 582 | 1004.7 | 942.7 | .. | 35.4 | 20.9 | 10.9 | 13.8 | 26 | .. | 0.5 | .. | 7.1 | 0 | 0 | 31 | 01 | 7 | 0 | 1 | 0 | 14 | 2 | 5 | 0 | 1 |
| | 1730 | 582 | 1000.8 | 939.6 | +1.3 | 37.0 | 21.5 | 11.2 | 13.3 | 24 | - 1 | 1.2 | -0.7 | 6.5 | 0 | 1 | 27 | 01 | 4 | 0 | 4 | 7 | 5 | 5 | 2 | 30 | 0 |
| | 2330 | 582 | 1004.5 | 941.6 | .. | 29.7 | 19.6 | 12.8 | 14.8 | 38 | .. | 0.4 | .. | 6.0 | 0 | 0 | 19 | 00 | 2 | 0 | 1 | 1 | 10 | 5 | 0 | 12 | 0 |
| Jhalawar | 0830 | 321 | 1004.7 | 969.7 | +1.2 | 32.2 | 21.2 | 12.6 | 14.6 | 35 | - 3 | 0.4 | -0.4 | 5.7 | 0 | 0 | 24 | 02 | 1 | 1 | 1 | 0 | 9 | 10 | 0 | 7 | 0 |
| | 1730 | 321 | 999.3 | 965.4 | +1.1 | 41.5 | 21.7 | 6.0 | 9.4 | 13 | - 7 | 1.1 | -0.9 | 5.4 | 0 | 0 | 25 | 02 | 1 | 0 | 0 | 0 | 8 | 11 | 3 | 6 | 0 |
| Banswara | 0830 | 220 | 1003.9 | 979.5 | .. | 29.4 | 22.0 | 16.9 | 19.3 | 52 | .. | 1.3 | .. | 12.1 | 0 | 0 | 31 | 00 | 1 | 2 | 3 | 12 | 11 | 2 | 0 | 0 | 0 |
| | 1730 | 220 | 997.7 | 974.7 | .. | 40.3 | 22.4 | 10.1 | 12.4 | 18 | .. | 0.6 | .. | 10.8 | 0 | 0 | 31 | 02 | 1 | 1 | 2 | 10 | 10 | 2 | 3 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1001.2 | 978.4 | .. | 30.6 | 19.4 | 10.6 | 13.5 | 31 | .. | 1.7 | .. | 9.2 | 0 | 4 | 22 | 03 | 1 | 1 | 2 | 3 | 8 | 2 | 6 | 5 | 0 |
| | 0530 | 207 | 1001.9 | 979.0 | .. | 29.8 | 19.3 | 10.9 | 13.8 | 34 | .. | 1.3 | .. | 11.4 | 0 | 8 | 19 | 04 | 0 | 1 | 0 | 2 | 4 | 11 | 5 | 4 | 0 |
| | 0830 | 207 | 1003.6 | 981.0 | +1.4 | 34.2 | 21.2 | 11.4 | 14.6 | 29 | + 5 | 1.4 | +0.2 | 15.2 | 0 | 11 | 19 | 04 | 0 | 1 | 1 | 0 | 1 | 11 | 12 | 1 | 0 |
| | 1130 | 207 | 1003.0 | 980.8 | .. | 39.2 | 22.1 | 8.1 | 12.6 | 19 | .. | 0.8 | .. | 17.2 | 0 | 14 | 17 | 02 | 0 | 2 | 0 | 1 | 1 | 8 | 17 | 0 | 0 |
| | 1430 | 207 | 1000.4 | 978.4 | .. | 41.5 | 22.2 | 6.8 | 11.0 | 14 | .. | 1.7 | .. | 16.9 | 0 | 11 | 20 | 03 | 0 | 0 | 0 | 1 | 0 | 9 | 18 | 0 | 0 |
| | 1730 | 207 | 998.9 | 976.8 | +0.7 | 40.9 | 22.5 | 8.3 | 12.2 | 16 | + 3 | 2.6 | +0.4 | 12.5 | 0 | 6 | 25 | 04 | 1 | 0 | 0 | 0 | 0 | 9 | 17 | 0 | 0 |
| | 2030 | 207 | 1000.6 | 978.1 | .. | 35.2 | 21.2 | 11.3 | 13.7 | 24 | .. | 2.1 | .. | 5.8 | 0 | 0 | 22 | 05 | 2 | 0 | 0 | 0 | 3 | 5 | 7 | 9 | 0 |
| | 2330 | 207 | 1001.7 | 978.9 | .. | 31.9 | 20.0 | 11.1 | 13.7 | 30 | .. | 1.7 | .. | 5.9 | 0 | 0 | 19 | 02 | 1 | 3 | 0 | 1 | 3 | 7 | 2 | 12 | 0 |
| Sheopur | 0830 | 235 | 1004.7 | 978.9 | +1.9 | 32.6 | 21.0 | 12.5 | 15.4 | 32 | + 4 | 0.9 | -0.3 | 11.4 | 0 | 3 | 27 | 00 | 3 | 1 | 1 | 6 | 6 | 13 | 0 | 1 | 0 |
| | 1730 | 235 | 999.3 | 974.4 | +1.7 | 41.2 | 22.1 | 7.5 | 11.0 | 15 | + 0 | 1.7 | -0.7 | 16.2 | 0 | 12 | 19 | 07 | 1 | 1 | 0 | 0 | 4 | 10 | 8 | 0 | 0 |
| Shivpuri | 0830 | 464 | 1003.9 | 953.6 | .. | 32.1 | 20.5 | 12.7 | 15.6 | 34 | .. | 1.2 | .. | 15.2 | 0 | 10 | 21 | 02 | 2 | 1 | 2 | 0 | 3 | 19 | 2 | 0 | 0 |
| | 1730 | 464 | 998.6 | 949.7 | .. | 38.9 | 20.8 | 8.0 | 11.3 | 17 | .. | 2.2 | .. | 6.3 | 0 | 0 | 29 | 04 | 0 | 0 | 0 | 3 | 1 | 5 | 16 | 2 | 0 |
| Nowgong | 0830 | 229 | 1004.1 | 979.0 | +1.2 | 33.1 | 19.5 | 8.2 | 11.5 | 24 | - 9 | 1.6 | +0.1 | 8.2 | 0 | 0 | 30 | 03 | 3 | 0 | 0 | 2 | 12 | 6 | 4 | 1 | 0 |
| | 1730 | 229 | 998.9 | 974.6 | +1.0 | 41.1 | 20.7 | 2.1 | 7.7 | 10 | -12 | 2.3 | -0.1 | 9.1 | 0 | 1 | 28 | 03 | 1 | 1 | 0 | 0 | 7 | 2 | 15 | 2 | 0 |
| Guna | 0530 | 478 | 1003.7 | 951.1 | .. | 27.0 | 17.6 | 10.3 | 13.3 | 38 | .. | 1.7 | .. | 9.8 | 0 | 3 | 28 | 01 | 3 | 3 | 2 | 4 | 8 | 9 | 1 | 0 | 0 |
| | 0830 | 478 | 1004.9 | 953.1 | +1.4 | 32.0 | 19.9 | 11.0 | 14.3 | 32 | + 3 | 1.5 | +0.4 | 9.7 | 0 | 3 | 28 | 00 | 2 | 1 | 1 | 1 | 6 | 18 | 2 | 0 | 0 |
| | 1130 | 478 | 1003.6 | 952.8 | .. | 37.7 | 22.0 | 11.3 | 14.9 | 24 | .. | 1.1 | .. | 14.6 | 0 | 5 | 26 | 00 | 4 | 0 | 0 | 0 | 1 | 10 | 16 | 0 | 0 |
| | 1430 | 478 | 1000.5 | 950.2 | .. | 40.2 | 21.9 | 8.7 | 12.8 | 18 | .. | 2.3 | .. | 12.1 | 0 | 4 | 27 | 02 | 0 | 3 | 0 | 1 | 5 | 9 | 11 | 0 | 0 |
| | 1730 | 478 | 999.1 | 948.8 | +0.9 | 39.5 | 21.4 | 8.1 | 12.2 | 18 | + 0 | 2.8 | +0.5 | 17.0 | 0 | 9 | 22 | 02 | 0 | 1 | 0 | 1 | 3 | 10 | 14 | 0 | 0 |
| | 2330 | 478 | 1003.0 | 951.1 | .. | 30.9 | 18.7 | 9.6 | 12.6 | 29 | .. | 1.2 | .. | 10.1 | 0 | 5 | 23 | 02 | 2 | 0 | 2 | 1 | 5 | 10 | 6 | 3 | 0 |
| Nimach | 0830 | 496 | 1006.2 | 952.1 | +1.4 | 29.1 | 21.8 | 17.5 | 20.8 | 54 | + 8 | 0.7 | -0.4 | 18.9 | 0 | 15 | 15 | 00 | 5 | 1 | 0 | 0 | 8 | 15 | 0 | 1 | 1 |
| | 1730 | 496 | 1001.2 | 949.0 | +1.8 | 38.3 | 22.9 | 13.9 | 16.5 | 25 | + 2 | 1.0 | -1.2 | 19.2 | 0 | 17 | 13 | 00 | 3 | 0 | 0 | 0 | 8 | 12 | 0 | 1 | 7 |
| Rajgarh | 0830 | 382 | 1005.5 | 963.8 | +1.8 | 31.1 | 20.9 | 13.8 | 16.5 | 37 | + 6 | 0.8 | -0.5 | 15.3 | 0 | 10 | 21 | 04 | 5 | 0 | 1 | 1 | 2 | 15 | 3 | 0 | 0 |
| | 1730 | 382 | 999.4 | 959.2 | +1.4 | 40.3 | 21.3 | 5.7 | 9.8 | 13 | - 4 | 1.9 | -1.0 | 18.0 | 0 | 11 | 20 | 06 | 0 | 1 | 0 | 0 | 3 | 13 | 8 | 0 | 0 |
| Sagar | 0830 | 551 | 1004.1 | 944.8 | +1.2 | 32.4 | 18.8 | 9.1 | 11.8 | 25 | - 4 | 1.0 | -0.8 | 4.5 | 0 | 0 | 26 | 00 | 7 | 8 | 0 | 0 | 1 | 6 | 4 | 5 | 0 |
| | 1730 | 551 | 1000.5 | 942.4 | +2.7 | 38.0 | 19.7 | 5.4 | 9.5 | 15 | - 3 | 0.9 | -2.0 | 5.8 | 0 | 0 | 30 | 00 | 0 | 5 | 0 | 0 | 1 | 15 | 9 | 1 | 0 |
| Ratlam | 0830 | 486 | 1006.8 | 953.4 | +1.4 | 28.0 | 22.3 | 18.8 | 22.7 | 62 | + 5 | 2.1 | +0.1 | 22.2 | 0 | 20 | 11 | 01 | 5 | 1 | 0 | 1 | 7 | 15 | 1 | 0 | 0 |
| | 1730 | 486 | 1001.0 | 949.6 | +1.3 | 37.9 | 24.1 | 17.1 | 19.7 | 31 | + 6 | 1.6 | -0.8 | 16.5 | 0 | 8 | 23 | 01 | 2 | 1 | 0 | 1 | 10 | 13 | 3 | 0 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1003.2 | 946.1 | .. | 28.1 | 17.7 | 9.7 | 12.6 | 34 | .. | 1.4 | .. | 14.9 | 0 | 7 | 23 | 03 | 2 | 0 | 1 | 2 | 1 | 16 | 5 | 1 | 0 |
| | 0530 | 523 | 1004.1 | 946.7 | .. | 26.6 | 17.8 | 11.1 | 13.9 | 40 | .. | 1.5 | .. | 15.2 | 0 | 7 | 22 | 01 | 4 | 0 | 0 | 3 | 3 | 13 | 5 | 2 | 0 |
| | 0830 | 523 | 1005.5 | 948.7 | +1.0 | 30.5 | 20.0 | 12.7 | 14.9 | 37 | + 5 | 1.3 | +0.1 | 20.3 | 0 | 17 | 13 | 00 | 5 | 0 | 0 | 1 | 2 | 14 | 8 | 1 | 0 |
| | 1130 | 523 | 1004.1 | 948.4 | .. | 36.1 | 21.0 | 10.8 | 13.7 | 24 | .. | 1.3 | .. | 18.1 | 0 | 14 | 16 | 02 | 4 | 1 | 0 | 0 | 1 | 14 | 8 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (0ktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht.in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 1430 | 523 | 1000.9 | 945.8 | .. | 38.9 | 20.7 | 7.6 | 11.1 | 17 | .. | 2.3 | .. | 19.4 | 0 | 14 | 17 | 04 | 4 | 0 | 3 | 0 | 2 | 10 | 8 | 0 | 0 |
| | 1730 | 523 | 999.6 | 944.5 | +1.0 | 38.3 | 20.4 | 7.5 | 9.4 | 17 | + 1 | 2.4 | -0.1 | 18.5 | 0 | 13 | 18 | 02 | 3 | 0 | 0 | 0 | 2 | 11 | 13 | 0 | 0 |
| | 2030 | 523 | 1002.0 | 946.0 | .. | 33.6 | 18.8 | 7.8 | 10.9 | 22 | .. | 1.9 | .. | 11.7 | 0 | 3 | 24 | 03 | 1 | 2 | 1 | 2 | 1 | 12 | 5 | 4 | 0 |
| | 2330 | 523 | 1003.4 | 946.8 | .. | 30.7 | 18.0 | 8.2 | 11.4 | 26 | .. | 1.3 | .. | 14.6 | 0 | 5 | 25 | 03 | 2 | 0 | 2 | 2 | 3 | 15 | 3 | 1 | 0 |
| Ujjain | 0830 | 489 | 1006.4 | 952.9 | .. | 28.9 | 21.2 | 16.4 | 19.5 | 50 | .. | 1.8 | .. | 26.6 | 0 | 22 | 7 | 01 | 2 | 2 | 0 | 0 | 0 | 13 | 11 | 2 | 0 |
| | 1730 | 489 | 1000.7 | 948.9 | .. | 37.8 | 21.9 | 12.0 | 14.6 | 23 | .. | 2.6 | .. | 22.9 | 0 | 18 | 13 | 01 | 1 | 2 | 0 | 1 | 0 | 14 | 12 | 0 | 0 |
| Narsinghpur | 0830 | 356 | 1004.9 | 966.2 | .. | 32.1 | 23.9 | 19.1 | 23.4 | 47 | .. | 1.3 | .. | 2.8 | 0 | 0 | 31 | 00 | 6 | 0 | 3 | 0 | 13 | 0 | 9 | 0 | 0 |
| | 1730 | 356 | 999.4 | 961.6 | .. | 39.6 | 27.1 | 20.8 | 25.6 | 37 | .. | 2.6 | .. | 2.1 | 0 | 0 | 31 | 00 | 4 | 0 | 2 | 0 | 14 | 0 | 11 | 0 | 0 |
| Hoshangabad | 0830 | 302 | 1006.5 | 973.2 | +2.0 | 30.7 | 20.0 | 12.0 | 14.7 | 35 | + 5 | 1.1 | -0.9 | 7.8 | 0 | 0 | 31 | 00 | 4 | 0 | 0 | 1 | 15 | 0 | 11 | 0 | 0 |
| | 1730 | 302 | 999.9 | 967.8 | +1.6 | 40.2 | 21.4 | 6.1 | 10.1 | 15 | - 2 | 2.4 | -0.9 | 4.1 | 0 | 1 | 30 | 00 | 5 | 0 | 0 | 0 | 20 | 1 | 5 | 0 | 0 |
| Indore | 0530 | 567 | 1005.5 | 942.9 | .. | 24.3 | 18.1 | 13.6 | 16.2 | 55 | .. | 1.3 | .. | 18.3 | 0 | 12 | 19 | 00 | 3 | 2 | 0 | 2 | 10 | 11 | 2 | 0 | 1 |
| | 0830 | 567 | 1006.4 | 944.7 | +1.3 | 28.8 | 20.1 | 14.2 | 17.1 | 46 | + 2 | 1.1 | -0.2 | 28.1 | 1 | 22 | 8 | 01 | 3 | 2 | 1 | 1 | 6 | 16 | 1 | 0 | 0 |
| | 1130 | 567 | 1004.8 | 944.4 | .. | 35.3 | 21.0 | 11.6 | 14.4 | 27 | .. | 1.2 | .. | 25.9 | 0 | 24 | 6 | 03 | 2 | 3 | 0 | 2 | 3 | 13 | 4 | 1 | 0 |
| | 1730 | 567 | 1000.5 | 940.8 | +1.3 | 37.6 | 20.0 | 6.6 | 10.5 | 17 | - 1 | 1.8 | -0.5 | 24.0 | 0 | 19 | 11 | 03 | 2 | 0 | 0 | 0 | 4 | 16 | 5 | 1 | 0 |
| | 2330 | 567 | 1004.6 | 943.2 | .. | 29.3 | 19.0 | 12.0 | 14.4 | 36 | .. | 1.0 | .. | 19.2 | 0 | 14 | 17 | 02 | 2 | 2 | 0 | 0 | 11 | 13 | 1 | 0 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1007.9 | 975.3 | +1.4 | 28.3 | 22.1 | 18.3 | 21.6 | 58 | - 1 | 2.6 | +0.3 | 15.0 | 0 | 10 | 18 | 00 | 0 | 4 | 1 | 0 | 3 | 20 | 0 | 3 | 0 |
| | 1730 | 293 | 1002.5 | 971.0 | +1.7 | 37.6 | 22.8 | 12.9 | 15.7 | 25 | - 1 | 1.1 | -0.8 | 14.6 | 0 | 8 | 20 | 00 | 0 | 2 | 2 | 1 | 2 | 21 | 0 | 3 | 0 |
| Chhindwara | 0830 | 685 | 1004.2 | 930.7 | +0.7 | 30.5 | 19.5 | 11.7 | 14.5 | 35 | + 2 | 1.5 | -0.8 | 18.0 | 0 | 17 | 12 | 08 | 3 | 1 | 1 | 1 | 0 | 7 | 8 | 2 | 0 |
| | 1730 | 685 | 999.4 | 927.6 | +1.5 | 36.4 | 20.5 | 9.5 | 12.5 | 23 | + 1 | 2.6 | -1.0 | 13.5 | 0 | 4 | 27 | 08 | 0 | 1 | 1 | 1 | 1 | 14 | 5 | 0 | 0 |
| Seoni | 0830 | 619 | 1004.6 | 938.1 | +1.4 | 31.7 | 20.9 | 14.4 | 16.7 | 37 | + 6 | 1.4 | -1.0 | 9.0 | 0 | 0 | 31 | 04 | 3 | 0 | 0 | 0 | 8 | 1 | 15 | 0 | 0 |
| | 1730 | 619 | 999.4 | 934.5 | +1.6 | 36.7 | 22.5 | 13.9 | 16.1 | 27 | + 3 | 2.9 | -1.0 | 8.5 | 0 | 0 | 31 | 07 | 1 | 0 | 2 | 2 | 4 | 2 | 13 | 0 | 0 |
| Betul | 0830 | 653 | 1006.2 | 935.4 | +1.4 | 28.7 | 21.0 | 16.4 | 19.3 | 50 | +11 | 1.6 | -0.9 | 5.9 | 0 | 0 | 29 | 01 | 3 | 0 | 1 | 2 | 0 | 7 | 15 | 2 | 0 |
| | 1730 | 653 | 1000.0 | 931.2 | +1.0 | 36.4 | 21.8 | 12.8 | 15.4 | 27 | + 6 | 2.1 | -1.1 | 7.9 | 0 | 1 | 30 | 07 | 2 | 1 | 0 | 1 | 1 | 8 | 11 | 0 | 0 |
| Khandwa | 0830 | 318 | 1006.8 | 971.7 | +1.7 | 29.9 | 22.1 | 17.2 | 20.2 | 50 | + 9 | 0.7 | -0.9 | 6.5 | 0 | 0 | 30 | 01 | 1 | 1 | 2 | 1 | 7 | 11 | 6 | 1 | 0 |
| | 1730 | 318 | 1000.7 | 966.9 | +1.7 | 39.4 | 23.6 | 13.8 | 16.2 | 24 | + 6 | 1.8 | -1.0 | 5.7 | 0 | 0 | 31 | 03 | 0 | 1 | 0 | 1 | 10 | 5 | 11 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1002.1 | 967.0 | .. | 27.8 | 17.9 | 9.9 | 12.4 | 34 | .. | 1.3 | .. | 5.1 | 0 | 0 | 26 | 01 | 0 | 0 | 1 | 4 | 6 | 9 | 5 | 5 | 0 |
| | 0830 | 317 | 1003.3 | 968.8 | +1.2 | 33.8 | 20.8 | 11.2 | 14.0 | 27 | - 3 | 0.8 | -0.7 | 6.0 | 0 | 2 | 28 | 02 | 0 | 0 | 0 | 2 | 1 | 21 | 4 | 1 | 0 |
| | 1130 | 317 | 1002.2 | 968.4 | .. | 39.5 | 21.7 | 7.6 | 11.4 | 16 | .. | 1.2 | .. | 12.7 | 0 | 5 | 26 | 04 | 1 | 0 | 0 | 0 | 3 | 7 | 16 | 0 | 0 |
| | 1430 | 317 | 999.6 | 966.1 | .. | 41.3 | 21.9 | 6.3 | 10.2 | 13 | .. | 2.2 | .. | 13.9 | 0 | 5 | 26 | 03 | 1 | 0 | 0 | 0 | 4 | 7 | 16 | 0 | 0 |
| | 1730 | 317 | 998.3 | 964.8 | +0.9 | 40.6 | 21.9 | 7.1 | 11.0 | 15 | - 6 | 2.0 | -0.4 | 9.9 | 0 | 1 | 30 | 04 | 0 | 0 | 0 | 1 | 0 | 11 | 15 | 0 | 0 |
| | 2330 | 317 | 1001.5 | 966.9 | .. | 31.8 | 19.3 | 9.4 | 12.2 | 26 | .. | 1.1 | .. | 4.5 | 0 | 1 | 22 | 03 | 2 | 0 | 0 | 0 | 2 | 10 | 6 | 8 | 0 |
| Rewa | 0830 | 299 | 1003.2 | 970.8 | .. | 34.4 | 21.3 | 12.2 | 14.7 | 28 | .. | 1.0 | .. | 6.8 | 0 | 0 | 29 | 03 | 1 | 0 | 0 | 1 | 3 | 13 | 8 | 1 | 0 |
| | 1730 | 299 | 998.3 | 966.6 | .. | 40.6 | 22.4 | 8.9 | 12.2 | 16 | .. | 1.8 | .. | 6.8 | 0 | 0 | 31 | 04 | 1 | 0 | 0 | 0 | 3 | 9 | 14 | 0 | 0 |
| Sidhi | 0830 | 272 | 1002.5 | 973.0 | +0.8 | 33.9 | .. | .. | .. | .. | .. | . | .. | 2.1 | 0 | 0 | 25 | 01 | 1 | 9 | 5 | 7 | 0 | 2 | 0 | 6 | 0 |
| | 1730 | 272 | 997.4 | 968.4 | +0.4 | 40.4 | .. | .. | .. | .. | .. | . | .. | 3.0 | 0 | 0 | 31 | 13 | 2 | 1 | 0 | 5 | 0 | 10 | 0 | 0 | 0 |
| Umar | 0830 | 459 | 1003.9 | 954.4 | +1.4 | 33.9 | 22.9 | 16.5 | 19.7 | 40 | +12 | 1.9 | -0.1 | 7.7 | 0 | 0 | 31 | 06 | 0 | 3 | 0 | 2 | 5 | 13 | 2 | 0 | 0 |
| | 1730 | 459 | 998.6 | 950.3 | +1.4 | 39.1 | 23.5 | 13.9 | 17.4 | 27 | + 8 | 3.4 | +0.2 | 6.2 | 0 | 0 | 30 | 05 | 0 | 0 | 2 | 0 | 3 | 5 | 14 | 1 | 1 |
| Jabalpur | 0530 | 393 | 1003.5 | 960.2 | .. | 27.6 | 18.8 | 12.1 | 14.6 | 41 | .. | 2.2 | .. | 2.4 | 0 | 0 | 17 | 00 | 0 | 1 | 0 | 3 | 3 | 10 | 0 | 14 | 0 |
| | 0830 | 393 | 1004.8 | 962.1 | +1.5 | 32.4 | 21.2 | 13.4 | 16.1 | 34 | + 7 | 1.3 | -0.4 | 7.0 | 0 | 1 | 28 | 03 | 3 | 0 | 1 | 2 | 3 | 15 | 2 | 2 | 0 |
| | 1130 | 393 | 1003.3 | 961.5 | .. | 38.0 | 22.2 | 10.9 | 13.8 | 23 | .. | 1.3 | .. | 7.0 | 0 | 0 | 30 | 04 | 4 | 1 | 0 | 2 | 1 | 14 | 4 | 1 | 0 |
| | 1430 | 393 | 1000.1 | 958.7 | .. | 40.3 | 22.9 | 10.6 | 13.7 | 20 | .. | 2.8 | .. | 8.0 | 0 | 0 | 31 | 05 | 3 | 1 | 0 | 2 | 0 | 11 | 9 | 0 | 0 |
| | 1730 | 393 | 999.2 | 957.6 | +1.4 | 38.6 | 22.5 | 11.0 | 14.1 | 23 | + 6 | 2.8 | -0.3 | 6.8 | 0 | 0 | 29 | 11 | 2 | 0 | 1 | 1 | 0 | 10 | 4 | 2 | 0 |
| | 2030 | 393 | 1001.6 | 959.1 | .. | 33.1 | 22.0 | 14.7 | 17.4 | 36 | .. | 1.7 | .. | 2.2 | 0 | 0 | 13 | 00 | 1 | 0 | 0 | 4 | 1 | 7 | 0 | 18 | 0 |
| | 2330 | 393 | 1002.6 | 959.7 | .. | 30.2 | 20.7 | 14.2 | 16.6 | 40 | .. | 1.8 | .. | 3.0 | 0 | 0 | 16 | 00 | 2 | 0 | 1 | 3 | 1 | 8 | 1 | 15 | 0 |
| Ambikapur | 0830 | 611 | 1003.4 | 937.9 | +0.6 | 31.8 | 19.9 | 12.0 | 14.5 | 32 | - 4 | 0.9 | -0.3 | 7.1 | 0 | 1 | 27 | 03 | 1 | 0 | 4 | 4 | 9 | 3 | 4 | 3 | 0 |
| | 1730 | 611 | 998.1 | 934.1 | +0.7 | 37.2 | 20.6 | 8.5 | 12.1 | 21 | + 0 | 2.2 | -0.3 | 12.8 | 0 | 6 | 25 | 14 | 0 | 0 | 1 | 2 | 2 | 2 | 10 | 0 | 0 |
| Jashpurnagar | 0830 | 779 | 1003.1 | 920.3 | .. | 30.5 | 20.3 | 13.4 | 16.3 | 39 | .. | 0.6 | .. | 2.3 | 0 | 0 | 21 | 00 | 2 | 0 | 7 | 1 | 6 | 0 | 5 | 10 | 0 |
| | 1730 | 779 | 997.5 | 916.6 | .. | 36.3 | 19.9 | 7.5 | 11.2 | 21 | .. | 2.6 | .. | 3.5 | 0 | 0 | 30 | 00 | 4 | 0 | 1 | 0 | 10 | 0 | 15 | 1 | 0 |
| Pendra | 0530 | 625 | 1002.7 | 935.0 | .. | 27.9 | 17.1 | 8.7 | 11.6 | 35 | .. | 2.1 | .. | 7.2 | 0 | 5 | 23 | 09 | 1 | 0 | 0 | 4 | 2 | 5 | 7 | 3 | 0 |
| | 0830 | 625 | 1003.3 | 936.7 | +0.8 | 32.7 | 19.3 | 9.5 | 12.5 | 28 | - 3 | 1.1 | -1.1 | 15.1 | 0 | 12 | 16 | 13 | 0 | 0 | 0 | 5 | 2 | 3 | 5 | 3 | 0 |
| | 1130 | 625 | 1001.9 | 936.3 | .. | 37.1 | 20.2 | 7.5 | 11.3 | 20 | .. | 1.7 | .. | 19.4 | 0 | 16 | 15 | 13 | 2 | 1 | 0 | 3 | 1 | 3 | 8 | 0 | 0 |
| | 1430 | 625 | 999.1 | 933.9 | .. | 38.5 | 20.3 | 6.5 | 10.5 | 17 | .. | 2.2 | .. | 17.9 | 0 | 12 | 19 | 16 | 2 | 0 | 0 | 2 | 1 | 4 | 5 | 0 | 1 |
| | 1730 | 625 | 998.5 | 933.0 | +1.1 | 37.0 | 19.8 | 6.6 | 10.5 | 19 | - 5 | 2.0 | -1.9 | 13.4 | 0 | 7 | 23 | 16 | 6 | 0 | 0 | 2 | 0 | 3 | 3 | 1 | 0 |
| | 2330 | 625 | 1002.0 | 935.1 | .. | 30.5 | 18.6 | 9.9 | 12.7 | 31 | .. | 1.5 | .. | 6.8 | 0 | 1 | 26 | 03 | 0 | 0 | 0 | 3 | 3 | 10 | 8 | 4 | 0 |
| Mandla | 0830 | 443 | 1004.4 | 956.5 | +1.2 | 32.4 | 22.8 | 17.0 | 19.9 | 42 | + 7 | 1.2 | -1.3 | 8.6 | 0 | 5 | 15 | 07 | 0 | 0 | 0 | 2 | 1 | 2 | 8 | 11 | 0 |
| | 1730 | 443 | 998.6 | 951.9 | +1.3 | 38.7 | 23.8 | 14.5 | 17.3 | 27 | + 6 | 2.1 | -1.1 | 4.6 | 0 | 0 | 20 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 9 | 11 | 0 |
| Champa | 0830 | 245 | 1003.9 | 977.1 | +0.6 | 33.8 | 22.0 | 13.9 | 16.8 | 35 | - 1 | 1.6 | -1.1 | 4.6 | 0 | 0 | 28 | 07 | 2 | 9 | 1 | 3 | 0 | 1 | 5 | 3 | 0 |
| | 1730 | 245 | 998.4 | 972.4 | +0.9 | 41.4 | 22.2 | 7.4 | 11.1 | 15 | - 3 | 3.1 | -0.9 | 7.8 | 0 | 1 | 29 | 06 | 0 | 1 | 0 | 1 | 2 | 10 | 10 | 1 | 0 |
| Raigarh | 0830 | 220 | 1004.2 | 980.0 | +1.0 | 33.7 | 23.7 | 17.5 | 21.0 | 42 | + 1 | 1.7 | -1.2 | 3.7 | 0 | 0 | 30 | 01 | 17 | 1 | 3 | 1 | 4 | 1 | 2 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raigarh - contd. | 1730 | 220 | 998.3 | 974.9 | +0.8 | 40.8 | 23.7 | 12.6 | 15.3 | 21 | + 1 | 2.4 | -0.6 | 3.2 | 0 | 0 | 28 | 07 | 4 | 0 | 3 | 1 | 8 | 2 | 3 | 3 | 0 |
| Raipur | 0530 | 298 | 1002.3 | 969.5 | .. | 29.4 | 22.1 | 17.6 | 20.5 | 51 | .. | 2.5 | .. | 3.4 | 0 | 0 | 23 | 00 | 0 | 2 | 2 | 2 | 2 | 9 | 6 | 8 | 0 |
| | 0830 | 298 | 1004.0 | 971.7 | +0.9 | 34.7 | 25.1 | 19.9 | 24.0 | 45 | +10 | 2.0 | -0.3 | 5.9 | 0 | 0 | 30 | 07 | 2 | 2 | 0 | 2 | 2 | 11 | 4 | 1 | 0 |
| | 1130 | 298 | 1002.9 | 971.1 | .. | 39.5 | 27.0 | 20.2 | 25.3 | 37 | .. | 1.6 | .. | 6.7 | 0 | 0 | 29 | 08 | 2 | 0 | 1 | 1 | 2 | 6 | 9 | 2 | 0 |
| | 1430 | 298 | 999.8 | 968.2 | .. | 41.5 | 27.6 | 20.7 | 25.3 | 34 | .. | 2.5 | .. | 7.3 | 0 | 1 | 26 | 07 | 0 | 0 | 2 | 0 | 3 | 8 | 7 | 4 | 0 |
| | 1730 | 298 | 998.7 | 967.1 | +0.9 | 40.2 | 27.1 | 20.1 | 25.0 | 36 | +14 | 2.3 | -1.1 | 6.2 | 0 | 0 | 27 | 04 | 2 | 0 | 0 | 0 | 3 | 12 | 6 | 4 | 0 |
| | 2030 | 298 | 1001.1 | 968.9 | .. | 35.8 | 25.2 | 19.4 | 23.4 | 41 | .. | 2.1 | .. | 4.9 | 0 | 1 | 23 | 02 | 1 | 0 | 1 | 2 | 5 | 9 | 4 | 7 | 0 |
| | 2330 | 298 | 1002.0 | 969.6 | .. | 33.0 | 24.0 | 18.8 | 22.5 | 46 | .. | 2.0 | .. | 5.5 | 0 | 0 | 26 | 04 | 0 | 0 | 1 | 3 | 8 | 6 | 4 | 5 | 0 |
| Kanker | 0830 | 402 | 1004.9 | 961.6 | +1.4 | 33.7 | 22.8 | 16.3 | 18.8 | 37 | - 6 | 1.5 | -1.8 | 1.9 | 0 | 0 | 17 | 01 | 0 | 1 | 1 | 0 | 1 | 6 | 7 | 14 | 0 |
| Jagdalpur | 1730 | 402 | 999.2 | 956.7 | +0.8 | 38.9 | 25.1 | 17.3 | 20.5 | 31 | + 2 | 2.1 | -2.1 | 3.2 | 0 | 0 | 30 | 06 | 1 | 2 | 0 | 0 | 1 | 5 | 15 | 1 | 0 |
| | 0530 | 553 | 1003.3 | 942.8 | .. | 26.1 | 19.5 | 15.6 | 17.8 | 54 | .. | 2.9 | .. | 0.6 | 0 | 0 | 4 | 00 | 1 | 0 | 1 | 1 | 1 | 0 | 0 | 27 | 0 |
| | 0830 | 553 | 1004.1 | 944.8 | +0.3 | 32.1 | 21.7 | 15.6 | 18.3 | 40 | -13 | 2.1 | -1.0 | 6.4 | 0 | 2 | 22 | 01 | 2 | 2 | 2 | 3 | 7 | 1 | 6 | 7 | 0 |
| | 1130 | 553 | 1002.4 | 944.1 | .. | 37.7 | 21.9 | 12.0 | 14.6 | 25 | .. | 2.3 | .. | 9.5 | 0 | 2 | 28 | 03 | 5 | 0 | 1 | 3 | 3 | 6 | 9 | 1 | 0 |
| | 1430 | 553 | 999.1 | 941.4 | .. | 39.6 | 22.1 | 10.9 | 13.7 | 20 | .. | 3.4 | .. | 10.3 | 0 | 2 | 29 | 03 | 6 | 0 | 2 | 2 | 2 | 4 | 12 | 0 | 0 |
| | 1730 | 553 | 998.6 | 940.7 | +0.2 | 38.1 | 21.9 | 11.8 | 14.3 | 24 | -13 | 3.9 | -1.0 | 7.4 | 0 | 0 | 30 | 06 | 4 | 0 | 1 | 0 | 5 | 5 | 9 | 1 | 0 |
| | 2030 | 553 | 1001.6 | 942.7 | .. | 33.1 | 21.0 | 13.5 | 16.0 | 33 | .. | 2.5 | .. | 2.2 | 0 | 0 | 10 | 00 | 1 | 0 | 0 | 1 | 3 | 2 | 3 | 21 | 0 |
| | 2330 | 553 | 1003.0 | 943.3 | .. | 30.1 | 20.7 | 15.2 | 17.5 | 43 | .. | 1.8 | .. | 1.9 | 0 | 0 | 11 | 00 | 3 | 1 | 1 | 0 | 1 | 3 | 2 | 20 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1007.1 | 991.8 | +1.8 | 28.7 | 21.5 | 15.8 | 19.7 | 53 | - 8 | 2.0 | +0.1 | 38.8 | 0 | 5 | 25 | 00 | 5 | 0 | 9 | 1 | 13 | 0 | 2 | 1 | 0 |
| | 1730 | 136 | 1001.4 | 986.8 | +1.3 | 40.2 | 22.4 | 8.4 | 12.5 | 18 | - 5 | 1.6 | +0.1 | 15.4 | 0 | 10 | 21 | 00 | 2 | 0 | 0 | 1 | 14 | 4 | 9 | 0 | 1 |
| Radhanpur | 0830 | 30 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 30 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Idar | 0830 | 219 | 1007.8 | 983.4 | +2.2 | 28.7 | 21.4 | 14.7 | 19.5 | 53 | - 5 | 2.5 | +1.0 | 3.9 | 0 | 0 | 31 | 01 | 3 | 2 | 0 | 6 | 8 | 11 | 0 | 0 | 0 |
| | 1730 | 219 | 1002.0 | 978.5 | +1.4 | 39.7 | 21.7 | 8.7 | 11.2 | 17 | - 8 | 0.7 | -0.4 | 6.1 | 0 | 2 | 27 | 01 | 0 | 1 | 0 | 2 | 5 | 18 | 2 | 2 | 0 |
| Ahmadabad | 0230 | 55 | 1005.2 | 998.9 | .. | 28.7 | 21.9 | 17.4 | 20.6 | 54 | .. | 0.4 | .. | 10.5 | 0 | 2 | 29 | 02 | 2 | 0 | 0 | 0 | 12 | 12 | 3 | 0 | 0 |
| | 0530 | 55 | 1005.6 | 999.3 | .. | 26.6 | 21.2 | 17.5 | 20.8 | 61 | .. | 1.1 | .. | 9.0 | 0 | 0 | 29 | 00 | 3 | 1 | 0 | 2 | 12 | 9 | 2 | 2 | 0 |
| | 0830 | 55 | 1007.5 | 1001.3 | +0.8 | 29.6 | 22.7 | 17.8 | 22.0 | 55 | -13 | 1.7 | -0.1 | 10.9 | 0 | 1 | 27 | 01 | 1 | 2 | 0 | 1 | 12 | 10 | 1 | 3 | 0 |
| | 1130 | 55 | 1007.2 | 1001.1 | .. | 36.1 | 23.8 | 15.8 | 19.5 | 34 | .. | 1.3 | .. | 15.7 | 0 | 8 | 23 | 00 | 0 | 4 | 2 | 1 | 11 | 10 | 3 | 0 | 0 |
| | 1430 | 55 | 1004.2 | 998.1 | .. | 40.6 | 24.0 | 13.2 | 16.2 | 22 | .. | 1.2 | .. | 15.9 | 0 | 8 | 23 | 01 | 2 | 3 | 1 | 0 | 9 | 11 | 4 | 0 | 0 |
| | 1730 | 55 | 1002.2 | 996.2 | +0.8 | 40.5 | 24.2 | 13.5 | 16.8 | 23 | + 2 | 0.9 | -0.4 | 19.4 | 0 | 12 | 19 | 00 | 2 | 2 | 1 | 4 | 10 | 9 | 3 | 0 | 0 |
| | 2030 | 55 | 1004.1 | 998.0 | .. | 34.0 | 23.7 | 17.3 | 20.9 | 41 | .. | 1.0 | .. | 13.9 | 0 | 7 | 20 | 01 | 2 | 0 | 0 | 8 | 8 | 6 | 2 | 4 | 0 |
| | 2330 | 55 | 1005.6 | 999.4 | .. | 31.1 | 22.6 | 17.1 | 20.5 | 47 | .. | 0.7 | .. | 10.7 | 0 | 0 | 27 | 01 | 2 | 0 | 0 | 3 | 8 | 12 | 1 | 4 | 0 |
| Dohad | 0830 | 333 | 1007.2 | 970.4 | +0.9 | 28.4 | 20.8 | 14.9 | 18.4 | 50 | - 8 | 2.0 | +0.3 | 23.2 | 0 | 20 | 10 | 00 | 1 | 3 | 2 | 0 | 12 | 12 | 0 | 1 | 0 |
| | 1730 | 333 | 1001.7 | 966.2 | +0.9 | 38.2 | 21.2 | 6.9 | 11.3 | 18 | - 2 | 1.2 | +0.5 | 24.7 | 0 | 19 | 12 | 03 | 2 | 1 | 0 | 1 | 11 | 11 | 2 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1007.4 | 1002.5 | .. | 26.9 | 23.3 | 20.7 | 25.6 | 70 | .. | 2.0 | .. | 8.9 | 0 | 0 | 31 | 01 | 2 | 1 | 1 | 1 | 23 | 0 | 2 | 0 | 0 |
| | 1730 | 44 | 1002.8 | 998.0 | .. | 38.3 | 25.2 | 18.5 | 21.3 | 33 | .. | 0.6 | .. | 14.3 | 0 | 4 | 27 | 03 | 0 | 0 | 0 | 1 | 20 | 3 | 4 | 0 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1008.0 | 1003.8 | +1.6 | 29.9 | 24.2 | 20.9 | 25.6 | 63 | + 4 | 1.9 | +0.0 | 26.0 | 0 | 6 | 22 | 00 | 3 | 0 | 1 | 2 | 20 | 2 | 0 | 3 | 0 |
| | 1130 | 38 | 1007.7 | 1003.5 | .. | 35.5 | 24.5 | 18.0 | 21.8 | 39 | .. | 1.2 | .. | 27.2 | 0 | 22 | 8 | 01 | 3 | 1 | 1 | 1 | 15 | 7 | 1 | 1 | 0 |
| | 1730 | 38 | 1003.0 | 998.8 | +1.5 | 37.8 | 24.9 | 17.3 | 20.9 | 34 | + 9 | 0.8 | -0.5 | 28.2 | 0 | 21 | 8 | 00 | 1 | 1 | 0 | 2 | 18 | 3 | 4 | 2 | 0 |
| Baroda | 0530 | 34 | 1006.1 | 1002.2 | .. | 26.9 | 23.8 | 22.1 | 27.1 | 76 | .. | 0.1 | .. | 3.2 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 7 | 0 |
| | 0830 | 34 | 1007.9 | 1004.0 | +0.8 | 29.7 | 25.2 | 23.1 | 28.4 | 69 | + 5 | 2.1 | +0.4 | 6.5 | 0 | 1 | 29 | 00 | 4 | 0 | 1 | 0 | 24 | 0 | 1 | 1 | 0 |
| | 1130 | 34 | 1007.7 | 1003.8 | .. | 35.9 | 25.9 | 21.2 | 25.3 | 43 | .. | 1.4 | .. | 6.3 | 0 | 0 | 31 | 00 | 5 | 0 | 1 | 0 | 21 | 0 | 4 | 0 | 0 |
| | 1730 | 34 | 1003.2 | 999.4 | +1.2 | 38.6 | 27.6 | 22.6 | 27.9 | 41 | +12 | 0.8 | -0.1 | 7.6 | 0 | 2 | 27 | 00 | 3 | 0 | 3 | 0 | 20 | 2 | 0 | 2 | 1 |
| | 2330 | 34 | 1006.3 | 1002.4 | .. | 29.9 | 25.5 | 23.4 | 28.9 | 69 | .. | 0.4 | .. | 7.4 | 0 | 1 | 30 | 00 | 2 | 0 | 0 | 0 | 27 | 0 | 2 | 0 | 0 |
| Broach | 0830 | 17 | 1007.5 | 1005.5 | +1.0 | 28.9 | 24.3 | 22.1 | 26.6 | 69 | - 2 | 2.4 | +0.5 | .. | 0 | 2 | 29 | 00 | 2 | 0 | 1 | 4 | 24 | 0 | 0 | 0 | 0 |
| | 1730 | 17 | 1003.6 | 1001.7 | +1.3 | 36.4 | 26.2 | 21.0 | 25.6 | 45 | + 8 | 0.9 | +0.1 | .. | 0 | 8 | 23 | 00 | 1 | 0 | 0 | 5 | 23 | 1 | 1 | 0 | 0 |
| Surat | 0530 | 12 | 1006.3 | 1005.0 | .. | 27.0 | 24.1 | 22.6 | 27.6 | 78 | .. | 1.4 | .. | 9.9 | 0 | 0 | 31 | 00 | 13 | 0 | 0 | 0 | 17 | 1 | 0 | 0 | 0 |
| | 0830 | 12 | 1008.4 | 1007.1 | +1.0 | 30.1 | 24.7 | 22.0 | 26.7 | 63 | - 6 | 2.9 | -0.6 | 9.9 | 0 | 0 | 31 | 00 | 4 | 0 | 1 | 0 | 23 | 0 | 3 | 0 | 0 |
| | 1130 | 12 | 1008.5 | 1007.2 | .. | 33.5 | 25.6 | 21.8 | 26.4 | 52 | .. | 3.0 | .. | 16.5 | 0 | 1[illegible] | 21 | 00 | 3 | 2 | 2 | 1 | 21 | 0 | 2 | 0 | 0 |
| | 1730 | 12 | 1005.0 | 1003.7 | +1.3 | 33.3 | 25.3 | 21.5 | 25.8 | 53 | - 4 | 1.4 | -0.3 | 20.3 | 0 | 19 | 12 | 00 | 0 | 0 | 1 | 0 | 25 | 0 | 5 | 0 | 0 |
| | 2330 | 12 | 1007.1 | 1005.8 | .. | 28.6 | 25.0 | 23.2 | 28.8 | 74 | .. | 1.8 | .. | 13.4 | 0 | 5 | 26 | 00 | 2 | 0 | 1 | 1 | 24 | 1 | 2 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1006.6 | 1004.2 | +0.7 | 28.5 | 24.9 | 23.0 | 28.6 | 74 | - 4 | 2.4 | -0.7 | 13.3 | 0 | 8 | 22 | 01 | 2 | 0 | 0 | 5 | 18 | 1 | 3 | 1 | 0 |
| | 1730 | 21 | 1003.9 | 1001.5 | +0.6 | 33.1 | 26.5 | 23.2 | 29.3 | 60 | + 3 | 1.9 | +0.0 | 17.3 | 0 | 16 | 15 | 02 | 2 | 0 | 0 | 4 | 17 | 6 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1004.9 | 995.8 | .. | 26.9 | 23.4 | 21.3 | 25.9 | 75 | .. | 0.5 | .. | 18.0 | 0 | 12 | 16 | 03 | 2 | 0 | 0 | 0 | 8 | 13 | 2 | 3 | 0 |
| | 0530 | 80 | 1005.0 | 995.9 | .. | 25.7 | 23.0 | 21.3 | 25.9 | 79 | .. | 0.9 | .. | 14.4 | 0 | 7 | 19 | 03 | 0 | 0 | 0 | 0 | 12 | 11 | 0 | 5 | 0 |
| | 0830 | 80 | 1006.5 | 997.5 | +0.9 | 29.5 | 23.9 | 20.9 | 25.0 | 64 | - 2 | 1.0 | +0.0 | 23.5 | 0 | 19 | 10 | 02 | 2 | 0 | 0 | 0 | 11 | 14 | 0 | 2 | 0 |
| | 1130 | 80 | 1006.4 | 997.6 | .. | 35.7 | 23.6 | 15.1 | 19.3 | 35 | .. | 0.5 | .. | 30.0 | 0 | 26 | 5 | 02 | 5 | 1 | 0 | 0 | 10 | 11 | 2 | 0 | 0 |
| | 1430 | 80 | 1004.4 | 995.6 | .. | 38.1 | 24.0 | 13.9 | 18.3 | 30 | .. | 0.5 | .. | 29.5 | 0 | 24 | 5 | 01 | 2 | 1 | 1 | 0 | 8 | 15 | 1 | 2 | 0 |
| | 1730 | 80 | 1003.2 | 994.4 | +0.8 | 36.4 | 24.2 | 16.5 | 20.2 | 36 | + 3 | 0.5 | -0.1 | 26.4 | 0 | 22 | 8 | 00 | 6 | 0 | 0 | 0 | 6 | 16 | 2 | 1 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)(contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj (Rudramata) - contd. | 2030 | 80 | 1004.6 | 995.6 | .. | 31.2 | 24.1 | 19.8 | 24.1 | 57 | .. | 0.6 | .. | 24.3 | 0 | 20 | 11 | 02 | 3 | 0 | 0 | 0 | 5 | 19 | 2 | 0 | 0 |
| | 2330 | 80 | 1005.8 | 996.8 | .. | 28.4 | 23.8 | 21.1 | 25.6 | 69 | .. | 0.6 | .. | 20.9 | 0 | 14 | 16 | 00 | 4 | 0 | 0 | 0 | 10 | 14 | 2 | 1 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1006.9 | 1003.0 | .. | 30.4 | 23.8 | 19.8 | 24.1 | 58 | .. | 1.2 | .. | 33.0 | 0 | 30 | 1 | 02 | 1 | 0 | 0 | 1 | 21 | 1 | 5 | 0 | 0 |
| | 1130 | 35 | 1006.8 | 1003.0 | .. | 36.4 | 24.3 | 16.6 | 20.5 | 36 | .. | 0.8 | .. | 34.5 | 0 | 29 | 2 | 01 | 4 | 0 | 0 | 0 | 21 | 1 | 4 | 0 | 0 |
| | 1730 | 35 | 1003.4 | 999.6 | .. | 37.5 | 24.9 | 18.0 | 21.1 | 34 | .. | 0.5 | .. | 35.2 | 0 | 26 | 5 | 01 | 2 | 0 | 0 | 1 | 23 | 1 | 3 | 0 | 0 |
| New Kandla | 0830 | 14 | 1007.3 | 1005.7 | +0.8 | 28.9 | 23.3 | 19.5 | 24.1 | 63 | - 9 | 2.6 | +0.4 | 27.3 | 0 | 23 | 8 | 04 | 1 | 0 | 0 | 0 | 11 | 12 | 3 | 0 | 0 |
| | 1730 | 14 | 1004.0 | 1002.4 | +1.0 | 34.3 | 24.8 | 18.7 | 23.5 | 48 | - 3 | 0.9 | -0.7 | 36.7 | 1 | 25 | 5 | 02 | 2 | 0 | 0 | 0 | 13 | 13 | 1 | 0 | 0 |
| Mandvi | 0830 | 9 | 1007.4 | 1006.3 | +1.4 | 29.0 | 24.7 | 22.1 | 27.6 | 72 | -12 | 2.8 | +0.4 | 26.1 | 0 | 23 | 7 | 03 | 1 | 0 | 0 | 0 | 19 | 5 | 2 | 1 | 0 |
| | 1730 | 9 | 1004.8 | 1003.7 | +1.5 | 30.8 | 26.7 | 24.6 | 31.5 | 73 | -10 | 2.7 | +0.6 | 36.1 | 0 | 27 | 4 | 00 | 1 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1007.4 | 999.0 | +1.3 | 29.6 | 23.6 | 19.7 | 24.3 | 61 | - 6 | 1.6 | -0.1 | 15.2 | 0 | 8 | 21 | 03 | 1 | 0 | 0 | 3 | 9 | 10 | 3 | 2 | 0 |
| | 1730 | 74 | 1002.5 | 994.5 | +1.3 | 39.7 | 24.8 | 15.8 | 19.0 | 27 | + 1 | 1.3 | -0.6 | 19.5 | 0 | 14 | 13 | 01 | 1 | 0 | 0 | 1 | 2 | 21 | 1 | 4 | 0 |
| Okha | 0530 | 7 | 1006.1 | 1005.3 | .. | 27.1 | 24.9 | 23.9 | 29.7 | 83 | .. | 1.5 | .. | 24.8 | 0 | 20 | 11 | 04 | 1 | 0 | 0 | 0 | 17 | 4 | 5 | 0 | 0 |
| | 0830 | 7 | 1007.8 | 1007.0 | .. | 28.2 | 25.5 | 24.2 | 30.4 | 79 | .. | 2.1 | .. | 29.2 | 0 | 27 | 4 | 04 | 1 | 0 | 0 | 0 | 15 | 7 | 4 | 0 | 0 |
| | 1130 | 7 | 1008.3 | 1007.5 | .. | 29.9 | 26.0 | 24.2 | 30.4 | 72 | .. | 1.7 | .. | 28.3 | 0 | 26 | 5 | 02 | 1 | 0 | 0 | 0 | 14 | 8 | 6 | 0 | 0 |
| | 1730 | 7 | 1005.3 | 1004.5 | .. | 29.9 | 26.3 | 24.8 | 31.3 | 74 | .. | 1.6 | .. | 29.9 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 13 | 12 | 6 | 0 | 0 |
| | 2330 | 7 | 1007.0 | 1006.2 | .. | 27.6 | 25.7 | 24.8 | 31.5 | 85 | .. | 1.0 | .. | 25.8 | 0 | 23 | 8 | 03 | 0 | 0 | 0 | 1 | 15 | 9 | 3 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1005.8 | 1003.5 | .. | 25.2 | 23.0 | 21.7 | 26.3 | 83 | .. | 1.4 | .. | 18.5 | 0 | 17 | 12 | 00 | 2 | 1 | 1 | 0 | 18 | 6 | 1 | 2 | 0 |
| | 0830 | 20 | 1007.0 | 1004.8 | +0.6 | 29.1 | 23.9 | 21.0 | 25.3 | 67 | - 3 | 1.4 | -1.5 | 24.1 | 0 | 22 | 8 | 03 | 2 | 0 | 0 | 0 | 13 | 10 | 2 | 1 | 0 |
| | 1130 | 20 | 1007.1 | 1004.9 | .. | 34.9 | 24.2 | 18.4 | 21.4 | 41 | .. | 0.6 | .. | 29.9 | 0 | 28 | 3 | 04 | 3 | 0 | 0 | 0 | 5 | 15 | 4 | 0 | 0 |
| | 1730 | 20 | 1004.1 | 1001.9 | +1.2 | 34.8 | 24.8 | 19.0 | 23.1 | 44 | -10 | 0.6 | -0.4 | 33.0 | 0 | 28 | 3 | 02 | 1 | 0 | 0 | 0 | 1 | 20 | 7 | 0 | 0 |
| | 2330 | 20 | 1006.3 | 1004.0 | .. | 27.7 | 23.9 | 21.9 | 26.6 | 72 | .. | 0.5 | .. | 23.9 | 0 | 26 | 4 | 01 | 1 | 0 | 0 | 0 | 13 | 12 | 3 | 1 | 0 |
| Dwarka | 0830 | 11 | 1007.5 | 1006.2 | +0.5 | 28.5 | .. | .. | .. | .. | .. | 2.1 | -0.8 | 21.7 | 0 | 23 | 8 | 02 | 1 | 0 | 0 | 0 | 8 | 17 | 3 | 0 | 0 |
| | 1730 | 11 | 1005.3 | 1004.0 | +0.7 | 29.9 | .. | .. | .. | .. | .. | 2.0 | -0.6 | 24.1 | 0 | 24 | 7 | 01 | 0 | 0 | 0 | 0 | 8 | 20 | 2 | 0 | 0 |
| Rajkot | 0530 | 138 | 1005.9 | 990.3 | .. | 24.7 | 21.2 | 19.0 | 22.4 | 72 | .. | 1.2 | .. | 19.2 | 0 | 21 | 7 | 00 | 1 | 0 | 0 | 1 | 22 | 3 | 1 | 3 | 0 |
| | 0830 | 138 | 1007.4 | 992.0 | +0.1 | 28.8 | 22.7 | 18.9 | 22.7 | 59 | -13 | 0.6 | -1.5 | 29.2 | 0 | 24 | 5 | 01 | 1 | 0 | 0 | 0 | 17 | 6 | 4 | 2 | 0 |
| | 1130 | 138 | 1006.6 | 991.6 | .. | 36.6 | 24.1 | 16.6 | 19.7 | 33 | .. | 0.3 | .. | 34.6 | 0 | 28 | 3 | 01 | 2 | 4 | 0 | 0 | 8 | 10 | 5 | 0 | 1 |
| | 1430 | 138 | 1004.1 | 989.2 | .. | 39.6 | 24.5 | 15.5 | 18.3 | 26 | .. | 0.4 | .. | 37.1 | 0 | 29 | 2 | 00 | 3 | 2 | 0 | 0 | 3 | 15 | 8 | 0 | 0 |
| | 1730 | 138 | 1003.0 | 988.1 | +1.0 | 38.4 | 23.8 | 14.9 | 17.5 | 28 | + 1 | 0.3 | -1.4 | 39.5 | 0 | 26 | 5 | 00 | 6 | 1 | 0 | 0 | 3 | 11 | 9 | 0 | 1 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1008.1 | 1006.9 | +0.8 | 30.4 | 23.1 | 18.8 | 22.4 | 53 | - 1 | 1.4 | +0.0 | 27.0 | 0 | 21 | 10 | 02 | 1 | 0 | 1 | 3 | 16 | 4 | 4 | 0 | 0 |
| | 1130 | 11 | 1007.7 | 1006.6 | .. | 36.3 | 23.5 | 15.8 | 18.4 | 31 | .. | 1.0 | .. | 27.0 | 0 | 26 | 5 | 00 | 3 | 3 | 2 | 1 | 12 | 8 | 1 | 0 | 1 |
| | 1730 | 11 | 1003.1 | 1002.0 | +0.6 | 38.1 | 24.8 | 17.0 | 20.4 | 32 | - 5 | 0.9 | -0.5 | 42.7 | 0 | 26 | 5 | 01 | 3 | 2 | 2 | 9 | 12 | 2 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1007.9 | 1007.1 | +1.3 | 29.2 | 24.4 | 21.5 | 26.6 | 69 | -12 | 2.5 | -0.5 | 20.1 | 0 | 16 | 14 | 02 | 1 | 0 | 0 | 1 | 16 | 5 | 5 | 1 | 0 |
| | 1130 | 7 | 1008.3 | 1007.5 | .. | 32.7 | 24.9 | 19.8 | 25.2 | 56 | .. | 2.2 | .. | 24.8 | 0 | 23 | 8 | 02 | 3 | 0 | 0 | 1 | 17 | 6 | 2 | 0 | 0 |
| | 1730 | 7 | 1005.3 | 1004.5 | +1.0 | 31.4 | 25.5 | 22.0 | 27.9 | 64 | -11 | 1.4 | -1.5 | 27.1 | 0 | 30 | 1 | 01 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 | 0 |
| Keshod | 0830 | 51 | 1008.1 | 1002.3 | +0.7 | 29.3 | 23.5 | 19.9 | 24.1 | 61 | -11 | 2.3 | -0.3 | 22.3 | 0 | 19 | 11 | 04 | 2 | 0 | 0 | 0 | 12 | 10 | 2 | 1 | 0 |
| | 1130 | 51 | 1008.0 | 1002.3 | .. | 34.5 | 23.3 | 15.7 | 19.5 | 38 | .. | 1.6 | .. | 28.6 | 0 | 24 | 7 | 04 | 3 | 0 | 1 | 0 | 12 | 9 | 2 | 0 | 0 |
| | 1730 | 51 | 1005.0 | 999.3 | +0.7 | 34.0 | 23.3 | 16.5 | 19.9 | 41 | - 4 | 1.6 | +0.3 | 35.5 | 0 | 31 | 0 | 00 | 0 | 0 | 1 | 1 | 11 | 17 | 1 | 0 | 0 |
| Mahuva | 0830 | 9 | 1007.5 | 1006.5 | .. | 28.3 | 24.3 | 22.0 | 27.1 | 72 | .. | 2.9 | .. | 5.9 | 0 | 0 | 28 | 02 | 3 | 1 | 0 | 3 | 13 | 5 | 1 | 3 | 0 |
| | 1730 | 9 | 1004.7 | 1003.7 | .. | 32.1 | 25.5 | 22.0 | 27.3 | 59 | .. | 1.0 | .. | 11.4 | 0 | 2 | 29 | 01 | 1 | 0 | 1 | 5 | 21 | 1 | 1 | 0 | 0 |
| Veraval | 0230 | 8 | 1006.5 | 1005.7 | .. | 26.9 | 24.4 | 23.1 | 28.6 | 82 | .. | 1.6 | .. | 21.3 | 0 | 20 | 8 | 01 | 0 | 0 | 0 | 0 | 9 | 11 | 7 | 3 | 0 |
| | 0530 | 8 | 1006.5 | 1005.6 | .. | 26.2 | 23.6 | 22.0 | 26.9 | 81 | .. | 2.2 | .. | 18.8 | 0 | 16 | 12 | 01 | 1 | 0 | 0 | 0 | 12 | 6 | 8 | 3 | 0 |
| | 0830 | 8 | 1008.2 | 1007.3 | +0.6 | 28.5 | 24.9 | 23.0 | 28.6 | 74 | - 8 | 1.9 | -1.1 | 22.0 | 0 | 21 | 9 | 03 | 0 | 1 | 0 | 0 | 6 | 14 | 6 | 1 | 0 |
| | 1130 | 8 | 1008.7 | 1007.8 | .. | 30.8 | 25.8 | 23.0 | 29.1 | 67 | .. | 1.6 | .. | 25.9 | 0 | 26 | 5 | 00 | 1 | 1 | 0 | 0 | 10 | 17 | 2 | 0 | 0 |
| | 1430 | 8 | 1007.1 | 1006.2 | .. | 30.7 | 26.5 | 24.7 | 31.1 | 71 | .. | 1.7 | .. | 27.5 | 0 | 27 | 4 | 00 | 0 | 0 | 1 | 1 | 15 | 13 | 1 | 0 | 0 |
| | 1730 | 8 | 1005.8 | 1004.9 | +1.0 | 29.6 | 26.3 | 24.8 | 31.5 | 76 | - 6 | 2.3 | +0.4 | 23.2 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 2 | 9 | 18 | 2 | 0 | 0 |
| | 2030 | 8 | 1006.9 | 1006.0 | .. | 28.1 | 25.5 | 24.3 | 30.5 | 80 | .. | 1.4 | .. | 23.1 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 1 | 9 | 17 | 4 | 0 | 0 |
| | 2330 | 8 | 1007.7 | 1006.8 | .. | 27.6 | 25.1 | 24.0 | 29.7 | 81 | .. | 1.5 | .. | 20.1 | 0 | 18 | 11 | 00 | 0 | 0 | 1 | 0 | 9 | 15 | 4 | 2 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1010.2 | 1009.7 | +3.2 | 27.5 | 24.6 | 23.2 | 28.6 | 77 | - 1 | 2.2 | -2.0 | 12.0 | 0 | 1 | 30 | 02 | 0 | 2 | 4 | 2 | 15 | 3 | 3 | 0 | 0 |
| | 1730 | 5 | 1006.2 | 1005.7 | +1.8 | 30.6 | 26.2 | 24.3 | 30.4 | 69 | - 6 | 1.8 | -0.6 | 12.5 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 1 | 15 | 9 | 6 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1007.3 | 1005.7 | .. | 27.4 | 24.4 | 22.9 | 28.1 | 77 | .. | 2.5 | .. | 7.4 | 0 | 0 | 26 | 02 | 1 | 0 | 0 | 4 | 12 | 5 | 2 | 5 | 0 |
| | 0530 | 14 | 1007.5 | 1005.9 | .. | 26.7 | 24.1 | 22.8 | 27.9 | 79 | .. | 2.6 | .. | 5.4 | 0 | 1 | 20 | 01 | 0 | 1 | 1 | 2 | 11 | 5 | 0 | 10 | 0 |
| | 0830 | 14 | 1009.2 | 1007.6 | +1.5 | 29.7 | 24.8 | 22.4 | 27.3 | 65 | - 4 | 3.6 | -0.6 | 10.9 | 0 | 2 | 26 | 01 | 0 | 1 | 3 | 3 | 12 | 5 | 3 | 3 | 0 |
| | 1130 | 14 | 1009.4 | 1007.8 | .. | 32.0 | 25.4 | 22.4 | 27.1 | 57 | .. | 3.4 | .. | 18.9 | 0 | 14 | 17 | 02 | 0 | 1 | 0 | 0 | 13 | 8 | 7 | 0 | 0 |
| | 1430 | 14 | 1007.5 | 1005.9 | .. | 32.2 | 25.7 | 22.8 | 27.7 | 58 | .. | 3.0 | .. | 20.8 | 0 | 21 | 10 | 00 | 1 | 0 | 0 | 0 | 11 | 11 | 8 | 0 | 0 |
| | 1730 | 14 | 1006.4 | 1004.8 | +1.7 | 31.0 | 25.5 | 23.0 | 28.3 | 63 | - 2 | 3.2 | +0.3 | 19.2 | 0 | 17 | 14 | 01 | 0 | 1 | 0 | 1 | 11 | 9 | 8 | 0 | 0 |
| | 2030 | 14 | 1007.7 | 1006.1 | .. | 28.8 | 25.0 | 23.2 | 28.6 | 72 | .. | 2.8 | .. | 10.6 | 0 | 0 | 30 | 01 | 1 | 0 | 0 | 0 | 12 | 10 | 6 | 1 | 0 |
| | 2330 | 14 | 1008.7 | 1007.1 | .. | 28.2 | 24.6 | 22.9 | 27.9 | 74 | .. | 2.8 | .. | 9.4 | 0 | 0 | 30 | 01 | 1 | 1 | 0 | 1 | 18 | 5 | 3 | 1 | 0 |
| Bombay | 0830 | 11 | 1009.2 | 1008.0 | +1.1 | 29.9 | 25.3 | 23.3 | 28.4 | 68 | - 5 | 2.9 | -0.7 | 5.6 | 0 | 0 | 31 | 02 | 0 | 2 | 5 | 3 | 9 | 5 | 4 | 0 | 1 |
| | 1130 | 11 | 1009.5 | 1008.3 | .. | 32.2 | 26.1 | 23.4 | 28.8 | 60 | .. | 1.9 | .. | 8.8 | 0 | 0 | 31 | 01 | 1 | 0 | 1 | 2 | 9 | 13 | 4 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay - contd. | 1730 | 11 | 1006.6 | 1005.4 | +1.4 | 31.1 | 26.1 | 23.9 | 29.7 | 65 | - 3 | 2.3 | +0.0 | 10.9 | 0 | 3 | 28 | 01 | 0 | 0 | 0 | 1 | 8 | 15 | 6 | 0 | 0 |
| Alibag | 0830 | 7 | 1009.3 | 1008.5 | +0.8 | 29.3 | 25.7 | 24.1 | 30.0 | 74 | - 2 | 3.8 | +0.1 | 9.5 | 0 | 14 | 17 | 02 | 3 | 0 | 2 | 10 | 10 | 2 | 2 | 0 | 0 |
| Bhira | 0830 | 96 | 1008.9 | 998.2 | .. | 28.5 | 24.1 | 21.9 | 26.4 | 68 | .. | 3.4 | .. | 2.5 | 0 | 1 | 19 | 00 | 0 | 1 | 0 | 2 | 11 | 3 | 3 | 11 | 0 |
| | 1730 | 96 | 1005.2 | 994.6 | .. | 34.3 | 24.4 | 19.3 | 22.4 | 43 | .. | 2.1 | .. | 5.2 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 0 | 17 | 7 | 3 | 3 | 0 |
| Harnai | 0830 | 20 | 1009.4 | 1007.1 | +1.7 | 28.5 | 25.7 | 24.5 | 30.7 | 79 | + 1 | 5.3 | +1.0 | 13.3 | 0 | 5 | 24 | 04 | 2 | 2 | 2 | 4 | 3 | 8 | 3 | 2 | 1 |
| | 1730 | 20 | 1007.1 | 1004.8 | +2.1 | 29.6 | 26.5 | 25.3 | 32.2 | 78 | + 0 | 5.3 | +1.4 | 21.0 | 0 | 13 | 18 | 05 | 0 | 0 | 0 | 0 | 2 | 12 | 10 | 0 | 2 |
| Ratnagiri | 0830 | 35 | 1009.2 | 1005.2 | +1.5 | 28.9 | 25.3 | 23.9 | 29.3 | 76 | + 2 | 3.6 | -0.8 | 7.0 | 0 | 1 | 24 | 00 | 4 | 3 | 3 | 1 | 1 | 8 | 5 | 6 | 0 |
| | 1730 | 35 | 1006.5 | 1002.6 | +1.6 | 30.6 | 26.2 | 24.3 | 30.4 | 70 | + 1 | 3.7 | -0.3 | 10.5 | 0 | 2 | 29 | 01 | 0 | 0 | 0 | 0 | 3 | 19 | 8 | 0 | 0 |
| Devgarh | 0830 | 36 | 1009.4 | 1005.4 | +1.4 | 28.4 | 25.5 | 24.2 | 30.4 | 78 | + 0 | 4.4 | -0.3 | 14.5 | 0 | 7 | 23 | 03 | 4 | 0 | 1 | 0 | 2 | 8 | 12 | 1 | 0 |
| | 1730 | 36 | 1007.1 | 1003.1 | +2.0 | 31.0 | 26.3 | 24.3 | 30.4 | 68 | - 4 | 3.1 | -1.1 | 21.0 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 1 | 14 | 16 | 0 | 0 |
| Vengurla | 0230 | 9 | 1008.3 | 1007.3 | .. | 26.4 | 24.7 | 24.0 | 29.7 | 87 | .. | 3.1 | .. | 1.6 | 0 | 0 | 10 | 03 | 0 | 0 | 0 | 0 | 2 | 2 | 3 | 21 | 0 |
| | 0530 | 9 | 1008.0 | 1007.0 | .. | 25.8 | 24.5 | 23.9 | 29.7 | 90 | .. | 4.3 | .. | 2.7 | 0 | 1 | 11 | 06 | 0 | 0 | 0 | 0 | 2 | 1 | 3 | 19 | 0 |
| | 0830 | 9 | 1010.1 | 1009.1 | +1.8 | 28.5 | 25.3 | 23.9 | 29.7 | 77 | + 4 | 3.8 | -1.0 | 3.9 | 0 | 0 | 24 | 02 | 2 | 1 | 1 | 0 | 3 | 10 | 5 | 7 | 0 |
| | 1130 | 9 | 1010.0 | 1009.0 | .. | 30.6 | 25.7 | 23.6 | 28.9 | 67 | .. | 2.9 | .. | 8.6 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 3 | 13 | 11 | 3 | 0 | 0 |
| | 1730 | 9 | 1007.3 | 1006.3 | +1.9 | 29.9 | 25.6 | 23.7 | 29.3 | 70 | + 2 | 3.1 | -1.0 | 8.6 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 1 | 7 | 16 | 7 | 0 | 0 |
| | 2330 | 9 | 1009.6 | 1008.6 | .. | 27.2 | 25.2 | 24.2 | 30.4 | 84 | .. | 3.3 | .. | 3.0 | 0 | 0 | 19 | 02 | 0 | 0 | 0 | 0 | 5 | 4 | 8 | 12 | 0 |
| Panjim | 0530 | 60 | 1007.9 | 1001.1 | .. | 26.4 | 24.5 | 23.6 | 29.3 | 85 | .. | 4.6 | .. | 7.2 | 0 | 2 | 22 | 02 | 3 | 2 | 1 | 0 | 4 | 2 | 10 | 7 | 0 |
| | 0830 | 60 | 1009.8 | 1003.0 | .. | 27.8 | 24.9 | 23.5 | 28.9 | 78 | .. | 4.9 | .. | 9.0 | 0 | 2 | 24 | 03 | 2 | 2 | 2 | 0 | 2 | 3 | 12 | 5 | 0 |
| | 1130 | 60 | 1010.0 | 1003.3 | .. | 30.5 | 25.4 | 23.0 | 28.3 | 65 | .. | 4.6 | .. | 15.1 | 0 | 7 | 24 | 01 | 0 | 0 | 1 | 1 | 1 | 19 | 8 | 0 | 0 |
| | 1430 | 60 | 1008.0 | 1001.3 | .. | 31.1 | 25.7 | 23.3 | 28.6 | 64 | .. | 3.6 | .. | 17.5 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 2 | 18 | 11 | 0 | 0 |
| | 1730 | 60 | 1007.0 | 1000.3 | .. | 30.0 | 25.4 | 23.3 | 28.6 | 68 | .. | 4.1 | .. | 16.1 | 0 | 9 | 22 | 01 | 0 | 0 | 0 | 0 | 3 | 13 | 14 | 0 | 0 |
| | 2030 | 60 | 1008.6 | 1001.8 | .. | 28.0 | 24.9 | 23.5 | 28.9 | 76 | .. | 3.6 | .. | 12.1 | 0 | 4 | 27 | 04 | 0 | 0 | 0 | 0 | 6 | 4 | 17 | 0 | 0 |
| | 2330 | 60 | 1009.5 | 1002.7 | .. | 27.5 | 24.9 | 23.7 | 29.3 | 80 | .. | 2.9 | .. | 7.4 | 0 | 2 | 24 | 04 | 0 | 0 | 0 | 0 | 4 | 3 | 15 | 5 | 0 |
| Mormugao | 0530 | 62 | 1007.1 | 1000.3 | .. | 27.1 | 24.8 | 23.8 | 29.3 | 83 | .. | 4.0 | .. | 16.6 | 0 | 9 | 22 | 06 | 3 | 1 | 1 | 0 | 6 | 6 | 8 | 0 | 0 |
| | 0830 | 62 | 1009.2 | 1002.3 | +0.7 | 28.3 | 25.3 | 24.0 | 29.8 | 78 | + 5 | 4.2 | -0.3 | 14.4 | 0 | 5 | 26 | 03 | 2 | 1 | 1 | 2 | 6 | 6 | 10 | 0 | 0 |
| | 1130 | 62 | 1009.4 | 1002.5 | .. | 29.6 | 25.6 | 23.9 | 29.5 | 72 | .. | 3.9 | .. | 16.5 | 0 | 5 | 26 | 00 | 0 | 1 | 0 | 0 | 6 | 15 | 9 | 0 | 0 |
| | 1730 | 62 | 1006.7 | 999.8 | +1.1 | 29.5 | 25.6 | 23.9 | 29.7 | 72 | + 0 | 3.5 | -0.4 | 17.7 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 1 | 6 | 12 | 12 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1008.1 | 1002.3 | .. | 26.9 | 24.7 | 23.8 | 29.3 | 84 | .. | 4.5 | .. | 14.2 | 0 | 7 | 17 | 02 | 4 | 2 | 0 | 0 | 0 | 8 | 8 | 7 | 0 |
| | 0830 | 52 | 1010.0 | 1004.2 | .. | 28.1 | 25.0 | 23.6 | 29.3 | 77 | .. | 4.8 | .. | 18.4 | 0 | 7 | 23 | 07 | 5 | 1 | 2 | 0 | 0 | 5 | 10 | 1 | 0 |
| | 1130 | 52 | 1010.1 | 1004.3 | .. | 29.9 | 25.4 | 23.3 | 28.6 | 69 | .. | 4.5 | .. | 23.2 | 0 | 17 | 14 | 02 | 0 | 0 | 0 | 1 | 2 | 11 | 15 | 0 | 0 |
| | 1730 | 52 | 1007.2 | 1001.4 | .. | 29.8 | 25.4 | 23.5 | 28.8 | 69 | .. | 4.0 | .. | 23.3 | 0 | 18 | 13 | 03 | 0 | 0 | 0 | 0 | 5 | 12 | 11 | 0 | 0 |
| | 2330 | 52 | 1009.5 | 1003.7 | .. | 28.0 | 25.1 | 23.7 | 29.5 | 78 | .. | 3.9 | .. | 16.0 | 0 | 4 | 25 | 05 | 1 | 0 | 0 | 0 | 1 | 7 | 15 | 2 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1007.6 | 984.6 | +1.3 | 28.4 | 22.3 | 18.7 | 22.0 | 58 | - 5 | 0.0 | -1.7 | 20.6 | 0 | 18 | 12 | 01 | 0 | 4 | 1 | 0 | 1 | 23 | 0 | 1 | 0 |
| | 1730 | 206 | 1002.9 | 980.6 | +1.9 | 37.2 | 22.5 | 12.2 | 15.3 | 25 | - 5 | 0.0 | -1.8 | 26.1 | 0 | 18 | 13 | 00 | 0 | 1 | 1 | 1 | 0 | 26 | 2 | 0 | 0 |
| Jalgaon | 0830 | 201 | 1007.6 | 985.1 | +1.6 | 28.5 | 22.0 | 17.6 | 21.0 | 56 | + 2 | 1.0 | -0.3 | 25.9 | 0 | 19 | 11 | 00 | 0 | 1 | 2 | 1 | 1 | 14 | 11 | 1 | 0 |
| | 1730 | 201 | 1001.9 | 980.3 | +2.0 | 39.8 | 23.2 | 12.0 | 14.9 | 22 | + 4 | 1.9 | -0.2 | 31.9 | 0 | 23 | 6 | 01 | 2 | 1 | 1 | 0 | 1 | 12 | 11 | 2 | 0 |
| Malegaon | 0830 | 437 | 1007.3 | 959.2 | +0.9 | 28.6 | 20.2 | 14.3 | 16.8 | 45 | + 2 | 1.0 | -0.7 | 10.1 | 0 | 3 | 28 | 01 | 0 | 3 | 2 | 1 | 5 | 11 | 8 | 0 | 0 |
| | 1730 | 437 | 1001.5 | 955.1 | +1.1 | 37.4 | 21.1 | 8.5 | 11.7 | 20 | - 3 | 2.4 | -0.4 | 15.7 | 0 | 11 | 20 | 05 | 2 | 1 | 0 | 0 | 1 | 8 | 14 | 0 | 0 |
| Ozar | 0830 | 608 | 1007.8* | 941.4* | .. | 27.1* | 20.6* | 16.8* | 19.5 | 57* | .. | 1.6* | .. | 23.2* | 0 | 15 | 9 | 00 | 0 | 1 | 2 | 0 | 2 | 14 | 5 | 0 | 0 |
| | 1130 | 608 | 1006.3* | 941.1* | .. | 32.7* | 21.1* | 13.9* | 16.5 | 36* | .. | 1.3* | .. | 27.7* | 0 | 19 | 5 | 00 | 0 | 2 | 2 | 0 | 0 | 11 | 9 | 0 | 0 |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ahmadnagar | 0830 | 657 | 1008.0 | 936.3 | +1.3 | 26.9 | 19.4 | 14.6 | 17.0 | 50 | + 6 | 2.0 | -0.2 | 8.7 | 0 | 0 | 29 | 05 | 3 | 0 | 0 | 0 | 1 | 1 | 19 | 2 | 0 |
| | 1730 | 657 | 1001.7 | 932.4 | +1.7 | 35.4 | 21.1 | 12.0 | 14.5 | 29 | + 7 | 3.4 | -0.1 | 15.8 | 0 | 11 | 20 | 02 | 4 | 0 | 1 | 0 | 2 | 0 | 21 | 0 | 1 |
| Poona (Aerodrome) | 0230 | 593 | 1007.4 | 941.5 | .. | 22.9 | 19.6 | 17.7 | 20.5 | 74 | .. | 1.0 | .. | 18.4 | 0 | 11 | 20 | 00 | 2 | 0 | 1 | 0 | 1 | 26 | 1 | 0 | 0 |
| | 0530 | 593 | 1007.6 | 941.5 | .. | 21.8 | 19.2 | 17.6 | 20.4 | 78 | .. | 1.1 | .. | 16.3 | 0 | 11 | 20 | 01 | 1 | 1 | 0 | 0 | 1 | 26 | 1 | 0 | 0 |
| | 0830 | 593 | 1008.4 | 943.1 | .. | 25.3 | 20.2 | 17.2 | 20.0 | 62 | .. | 1.9 | .. | 19.3 | 0 | 15 | 15 | 01 | 1 | 0 | 1 | 0 | 2 | 24 | 1 | 1 | 0 |
| | 1130 | 593 | 1006.9 | 943.0 | .. | 31.9 | 20.5 | 12.9 | 15.7 | 36 | .. | 1.9 | .. | 24.2 | 0 | 22 | 8 | 00 | 2 | 2 | 0 | 0 | 3 | 20 | 1 | 1 | 2 |
| | 1730 | 593 | 1003.3 | 939.9 | .. | 32.8 | 21.0 | 13.7 | 16.2 | 36 | .. | 2.5 | .. | 27.9 | 0 | 27 | 4 | 00 | 3 | 0 | 0 | 0 | 1 | 23 | 4 | 0 | 0 |
| | 2330 | 593 | 1008.1 | 942.6 | .. | 24.6 | 20.3 | 17.8 | 20.8 | 68 | .. | 1.1 | .. | 20.3 | 0 | 17 | 13 | 00 | 2 | 0 | 1 | 0 | 1 | 26 | 0 | 1 | 0 |
| Poona | 0530 | 559 | 1007.7 | 945.5 | .. | 22.4 | 19.4 | 17.6 | 20.4 | 75 | .. | 1.3 | .. | 5.2 | 0 | 0 | 20 | 00 | 0 | 3 | 0 | 0 | 0 | 17 | 0 | 11 | 0 |
| | 0830 | 559 | 1008.5 | 947.1 | +1.1 | 26.6 | 21.1 | 18.1 | 21.0 | 60 | + 6 | 2.2 | -0.2 | 10.2 | 0 | 2 | 24 | 00 | 1 | 1 | 1 | 0 | 1 | 21 | 1 | 5 | 0 |
| | 1130 | 559 | 1006.8 | 946.7 | .. | 32.9 | 21.5 | 15.5 | 17.3 | 39 | .. | 1.8 | .. | 13.7 | 0 | 8 | 22 | 01 | 6 | 1 | 0 | 0 | 0 | 17 | 5 | 1 | 0 |
| | 1430 | 559 | 1004.2 | 944.6 | .. | 34.9 | 22.2 | 14.9 | 17.4 | 34 | .. | 2.7 | .. | 15.2 | 0 | 9 | 21 | 00 | 3 | 2 | 0 | 0 | 0 | 19 | 6 | 1 | 0 |
| | 1730 | 559 | 1003.7 | 943.8 | +1.6 | 32.9 | 21.9 | 15.6 | 18.2 | 39 | + 4 | 2.3 | -0.4 | 16.1 | 0 | 9 | 22 | 00 | 5 | 1 | 0 | 0 | 0 | 19 | 6 | 0 | 0 |
| | 2030 | 559 | 1006.9 | 945.7 | .. | 27.5 | 21.4 | 18.1 | 21.0 | 59 | .. | 1.1 | .. | 12.1 | 0 | 4 | 25 | 01 | 1 | 0 | 0 | 0 | 0 | 26 | 1 | 2 | 0 |
| | 2330 | 559 | 1008.2 | 946.4 | .. | 25.0 | 20.7 | 18.3 | 21.3 | 68 | .. | 1.0 | .. | 7.9 | 0 | 1 | 24 | 00 | 1 | 0 | 0 | 0 | 1 | 23 | 0 | 6 | 0 |
| Jeur | 0830 | 521 | 1007.7 | 950.3 | +1.2 | 26.8 | 20.6 | 16.9 | 19.7 | 58 | + 0 | 2.3 | -0.5 | 14.5 | 0 | 11 | 19 | 03 | 0 | 1 | 1 | 1 | 1 | 10 | 13 | 1 | 0 |
| | 1730 | 521 | 1001.3 | 946.1 | +1.8 | 36.8 | 21.2 | 10.9 | 13.7 | 25 | - 3 | 3.5 | -0.5 | 16.7 | 0 | 9 | 22 | 04 | 1 | 3 | 1 | 1 | 0 | 11 | 10 | 0 | 0 |
| Baramati | 0830 | 551 | 1007.8 | 947.4 | +1.5 | 26.9 | 21.8 | 19.0 | 22.4 | 64 | + 5 | 1.8 | -1.2 | 10.8 | 0 | 1 | 30 | 05 | 1 | 1 | 0 | 0 | 1 | 13 | 10 | 0 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA MAHARASHTRA (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baramati - contd. | 1730 | 551 | 1002.2 | 943.5 | +2.2 | 34.8 | 23.9 | 18.1 | 21.6 | 43 | +11 | 2.1 | -2.2 | 17.2 | 0 | 12 | 19 | 05 | 0 | 2 | 0 | 1 | 0 | 16 | 7 | 0 | 0 |
| Sholapur | 0530 | 479 | 1006.7 | 953.5 | .. | 24.2 | 19.9 | 17.3 | 20.0 | 67 | .. | 2.3 | .. | 7.3 | 0 | 1 | 27 | 02 | 1 | 0 | 2 | 1 | 3 | 5 | 14 | 3 | 0 |
| | 0830 | 479 | 1007.8 | 955.1 | +1.0 | 27.4 | 20.9 | 17.3 | 20.0 | 57 | + 7 | 2.1 | -0.9 | 8.5 | 0 | 2 | 29 | 04 | 2 | 0 | 3 | 1 | 2 | 8 | 11 | 0 | 0 |
| | 1130 | 479 | 1006.0 | 954.6 | .. | 34.2 | 22.0 | 14.7 | 17.5 | 35 | .. | 1.9 | .. | 13.3 | 0 | 5 | 26 | 12 | 0 | 2 | 3 | 2 | 2 | 4 | 6 | 0 | 0 |
| | 1430 | 479 | 1002.7 | 951.9 | .. | 37.6 | 22.2 | 12.7 | 15.5 | 28 | .. | 2.6 | .. | 11.5 | 0 | 4 | 27 | 08 | 1 | 0 | 5 | 2 | 2 | 6 | 7 | 0 | 0 |
| | 1730 | 479 | 1001.4 | 950.6 | +1.5 | 37.2 | 21.9 | 12.2 | 15.1 | 27 | + 3 | 2.7 | -1.8 | 8.8 | 0 | 4 | 27 | 05 | 3 | 1 | 0 | 3 | 5 | 8 | 6 | 0 | 0 |
| | 2330 | 479 | 1006.2 | 953.8 | .. | 29.1 | 20.9 | 16.2 | 18.8 | 49 | .. | 1.8 | .. | 10.4 | 0 | 2 | 28 | 00 | 2 | 0 | 1 | 1 | 3 | 12 | 11 | 1 | 0 |
| Miraj | 0830 | 554 | 1008.9 | 947.9 | +1.2 | 25.2 | 21.7 | 19.8 | 23.4 | 73 | + 0 | 3.4 | +0.2 | .. | 0 | 0 | 24 | 00[E] | 0 | 1 | 0 | 1 | 0 | 18 | 1 | 10 | 0 |
| | 1730 | 554 | 1003.7 | 944.3 | +2.0 | 32.9 | 22.7 | 17.1 | 20.0 | 42 | + 1 | 3.5 | -0.7 | .. | 0 | 0 | 31 | 01[E] | 1 | 2 | 0 | 0 | 1 | 26 | 0 | 0 | 0 |
| Kolhapur | 0530 | 570 | 1007.6 | 944.2 | .. | 22.0 | 20.7 | 20.0 | 23.5 | 89 | .. | 2.8 | .. | 9.5 | 0 | 2 | 24 | 01 | 0 | 0 | 1 | 0 | 1 | 21 | 2 | 5 | 0 |
| | 0830 | 570 | 1008.9 | 946.0 | +1.3 | 24.8 | 21.6 | 20.0 | 23.4 | 75 | + 2 | 2.6 | -1.1 | 12.6 | 0 | 4 | 26 | 00 | 1 | 1 | 1 | 0 | 0 | 22 | 5 | 1 | 0 |
| | 1130 | 570 | 1007.5 | 945.8 | .. | 30.2 | 22.4 | 18.4 | 21.3 | 49 | .. | 2.3 | .. | 13.7 | 0 | 5 | 25 | 01 | 0 | 1 | 1 | 0 | 0 | 15 | 12 | 1 | 0 |
| | 1730 | 570 | 1004.4 | 943.0 | +2.0 | 30.8 | 22.9 | 19.0 | 22.1 | 51 | + 1 | 2.3 | -1.8 | 21.1 | 0 | 20 | 11 | 00 | 0 | 1 | 0 | 0 | 1 | 27 | 2 | 0 | 0 |
| | 2330 | 570 | 1008.7 | 945.7 | .. | 23.9 | 21.6 | 20.5 | 24.1 | 82 | .. | 1.4 | .. | 15.9 | 0 | 8 | 23 | 00 | 1 | 0 | 1 | 0 | 1 | 26 | 2 | 0 | 0 |
| Udgiri | 0830 | | .. | .. | .. | 21.7 | 19.3 | 17.9 | 20.6 | 83 | .. | 4.5[a] | .. | 13.2[a] | 0 | 4 | 26 | 03 | 1 | 1 | 0 | 0 | 1 | 18 | 6 | 0 | 0 |
| | 1730 | | .. | .. | .. | 24.6 | 21.3 | 19.6 | 22.9 | 75 | .. | 3.5[a] | .. | 16.8[a] | 0 | 8 | 22 | 00 | 1 | 0 | 0 | 0 | 12 | 15 | 2 | 0 | 0 |
| MARATHWADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1008.0 | 944.5 | +1.2 | 27.4 | 19.8 | 14.7 | 17.5 | 51 | + 4 | 1.2 | -1.1 | 17.2 | 0 | 17 | 11 | 01 | 2 | 1 | 1 | 0 | 3 | 20 | 0 | 3 | 0 |
| | 1730 | 581 | 1001.6 | 940.3 | +1.4 | 36.6 | 20.8 | 9.7 | 12.9 | 25 | + 1 | 2.2 | -1.2 | 20.0 | 0 | 14 | 17 | 05 | 1 | 1 | 0 | 1 | 0 | 14 | 9 | 0 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1005.5 | 941.9 | .. | 25.2 | 18.2 | 13.8 | 15.8 | 49 | .. | 1.1 | .. | 20.7 | 0 | 13 | 18 | 04 | 1 | 1 | 1 | 0 | 0 | 19 | 5 | 0 | 0 |
| | 0530 | 579 | 1006.3 | 942.3 | .. | 23.7 | 18.0 | 14.5 | 16.5 | 57 | .. | 1.9 | .. | 18.1 | 0 | 13 | 17 | 01 | 2 | 1 | 1 | 0 | 0 | 22 | 3 | 1 | 0 |
| | 0830 | 579 | 1007.2 | 944.0 | +1.4 | 27.8 | 19.5 | 14.6 | 16.6 | 45 | - 5 | 1.6 | -0.7 | 22.6 | 0 | 19 | 12 | 03 | 3 | 2 | 0 | 0 | 0 | 18 | 5 | 0 | 0 |
| | 1130 | 579 | 1005.6 | 943.7 | .. | 33.9 | 20.3 | 11.8 | 13.8 | 26 | .. | 1.7 | .. | 24.0 | 0 | 21 | 10 | 05 | 2 | 4 | 0 | 0 | 0 | 7 | 13 | 0 | 0 |
| | 1430 | 579 | 1002.3 | 941.1 | .. | 36.8 | 20.6 | 10.1 | 12.3 | 20 | .. | 2.2 | .. | 26.5 | 0 | 24 | 7 | 07 | 1 | 2 | 0 | 0 | 1 | 7 | 13 | 0 | 0 |
| | 1730 | 579 | 1001.2 | 939.9 | +1.7 | 36.2 | 20.5 | 10.4 | 12.6 | 21 | - 8 | 2.6 | -1.3 | 24.8 | 0 | 20 | 11 | 06 | 1 | 1 | 0 | 0 | 1 | 12 | 10 | 0 | 0 |
| | 2030 | 579 | 1004.4 | 941.9 | .. | 31.1 | 19.4 | 11.9 | 13.9 | 31 | .. | 1.8 | .. | 20.1 | 0 | 17 | 11 | 04 | 2 | 1 | 0 | 0 | 0 | 17 | 4 | 3 | 0 |
| | 2330 | 579 | 1006.2 | 942.9 | .. | 27.5 | 18.8 | 13.3 | 15.3 | 41 | .. | 1.1 | .. | 19.2 | 0 | 14 | 15 | 06 | 0 | 2 | 0 | 0 | 0 | 19 | 2 | 2 | 0 |
| Parbhani | 0830 | 423 | 1007.4 | 960.9 | +1.6 | 29.2 | 19.8 | 12.5 | 15.5 | 41 | - 7 | 1.8 | -0.8 | 10.5 | 0 | 1 | 28 | 00 | 2 | 0 | 3 | 0 | 0 | 4 | 20 | 2 | 0 |
| | 1730 | 423 | 1000.8 | 956.0 | +1.8 | 38.6 | 21.0 | 4.8 | 10.5 | 19 | - 5 | 2.8 | -1.3 | 11.1 | 0 | 1 | 29 | 05 | 2 | 0 | 3 | 1 | 0 | 5 | 14 | 1 | 0 |
| Nander | 0830 | 358 | 1006.4 | 967.2 | .. | 31.2 | 21.5 | 15.1 | 17.7 | 41 | .. | 1.5 | .. | .. | 0 | 0 | 25 | 00[E] | 1 | 0 | 2 | 1 | 8 | 6 | 7 | 6 | 0 |
| | 1730 | 358 | 1002.1 | 964.0 | .. | 39.0 | 23.5 | 14.1 | 16.3 | 26 | .. | 2.4 | .. | .. | 0 | 0 | 24 | 02[E] | 1 | 0 | 0 | 5 | 6 | 7 | 3 | 7 | 0 |
| Bir | 0830 | 519 | 1007.9 | 951.1 | .. | 28.1 | 20.0 | 15.3 | 17.4 | 47 | .. | 1.4 | .. | 12.1 | 0 | 3 | 28 | 01 | 3 | 0 | 1 | 0 | 0 | 0 | 26 | 0 | 0 |
| | 1730 | 519 | 1002.1 | 947.2 | .. | 37.9 | 23.6 | 15.8 | 18.5 | 31 | .. | 1.9 | .. | 9.6 | 0 | 0 | 31 | 00 | 5 | 0 | 2 | 0 | 5 | 0 | 19 | 0 | 0 |
| VIDARBHA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1004.8 | 970.7 | +1.2 | 33.2 | 21.4 | 13.3 | 15.9 | 33 | - 4 | 1.6 | -0.9 | 3.9 | 0 | 0 | 29 | 06 | 3 | 2 | 0 | 0 | 2 | 5 | 11 | 2 | 0 |
| | 1730 | 313 | 999.3 | 966.1 | +1.3 | 39.3 | 22.2 | 9.6 | 12.8 | 20 | + 0 | 1.9 | -1.4 | 4.0 | 0 | 0 | 30 | 07 | 1 | 0 | 2 | 0 | 6 | 9 | 5 | 1 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1002.3 | 968.1 | .. | 29.8 | 19.3 | 10.9 | 13.8 | 35 | .. | 1.5 | .. | 9.9 | 0 | 4 | 21 | 02 | 1 | 0 | 0 | 0 | 0 | 6 | 16 | 6 | 0 |
| | 0530 | 310 | 1003.4 | 969.1 | .. | 28.1 | 19.2 | 12.3 | 15.0 | 42 | .. | 2.1 | .. | 9.0 | 0 | 2 | 24 | 02 | 1 | 0 | 0 | 0 | 1 | 4 | 18 | 5 | 0 |
| | 0830 | 310 | 1004.9 | 971.1 | +1.3 | 33.0 | 21.5 | 13.4 | 16.2 | 35 | + 1 | 1.6 | -1.2 | 19.4 | 0 | 17 | 12 | 03 | 3 | 2 | 1 | 0 | 1 | 1 | 18 | 2 | 0 |
| | 1130 | 310 | 1003.7 | 970.5 | .. | 38.3 | 22.3 | 10.7 | 13.9 | 23 | .. | 1.8 | .. | 12.8 | 0 | 8 | 22 | 06 | 2 | 1 | 0 | 2 | 3 | 2 | 14 | 1 | 0 |
| | 1430 | 310 | 1000.6 | 967.7 | .. | 40.6 | 22.6 | 9.0 | 12.7 | 19 | .. | 3.0 | .. | 12.9 | 0 | 7 | 24 | 03 | 2 | 2 | 3 | 1 | 3 | 8 | 9 | 0 | 0 |
| | 1730 | 310 | 999.5 | 966.6 | +1.7 | 39.7 | 22.2 | 8.9 | 12.4 | 19 | + 0 | 2.5 | -1.7 | 12.5 | 0 | 8 | 20 | 05 | 1 | 0 | 1 | 1 | 1 | 7 | 12 | 3 | 0 |
| | 2030 | 310 | 1001.9 | 968.3 | .. | 34.2 | 20.6 | 10.1 | 13.2 | 26 | .. | 1.6 | .. | 5.2 | 0 | 1 | 21 | 03 | 1 | 0 | 1 | 1 | 1 | 5 | 10 | 9 | 0 |
| | 2330 | 310 | 1002.8 | 968.9 | .. | 31.6 | 19.7 | 10.3 | 13.2 | 30 | .. | 1.5 | .. | 6.9 | 0 | 1 | 24 | 03 | 1 | 1 | 0 | 0 | 1 | 6 | 13 | 6 | 0 |
| Amraoti | 0830 | 370 | 1005.7 | 965.2 | +1.2 | 30.6 | 22.7 | 17.9 | 21.1 | 50 | +13 | 1.5 | -0.9 | 6.3 | 0 | 1 | 29 | 01 | 2 | 3 | 1 | 0 | 2 | 13 | 8 | 1 | 0 |
| | 1730 | 370 | 1000.1 | 960.8 | +1.7 | 38.8 | 24.6 | 16.5 | 19.3 | 30 | + 9 | 2.2 | -2.1 | 4.9 | 0 | 0 | 31 | 06 | 3 | 3 | 1 | 1 | 1 | 7 | 9 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1004.1 | 969.7 | .. | 26.7 | 19.4 | 13.6 | 16.6 | 48 | .. | 1.8 | .. | 13.3 | 0 | 7 | 19 | 01 | 2 | 0 | 1 | 1 | 0 | 11 | 10 | 5 | 0 |
| | 0830 | 309 | 1005.8 | 971.7 | .. | 30.3 | 21.4 | 15.2 | 18.3 | 45 | .. | 1.8 | .. | 12.5 | 0 | 3 | 27 | 01 | 2 | 2 | 1 | 0 | 2 | 14 | 8 | 1 | 0 |
| | 1130 | 309 | 1004.7 | 971.3 | .. | 36.1 | 22.4 | 12.9 | 15.9 | 29 | .. | 1.5 | .. | 12.9 | 0 | 3 | 27 | 00 | 4 | 2 | 1 | 0 | 1 | 12 | 10 | 1 | 0 |
| | 1430 | 309 | 1001.3 | 968.4 | .. | 39.7 | 22.2 | 9.4 | 12.4 | 19 | .. | 1.9 | .. | 14.4 | 0 | 7 | 23 | 01 | 2 | 3 | 0 | 1 | 1 | 11 | 11 | 1 | 0 |
| | 1730 | 309 | 999.8 | 966.9 | .. | 39.5 | 22.0 | 8.9 | 12.1 | 19 | .. | 2.3 | .. | 12.1 | 0 | 3 | 28 | 02 | 1 | 3 | 1 | 0 | 0 | 11 | 12 | 0 | 1 |
| | 2030 | 309 | 1002.0 | 968.6 | .. | 34.9 | 20.2 | 8.4 | 11.7 | 23 | .. | 1.5 | .. | 8.5 | 0 | 4 | 20 | 00 | 1 | 2 | 1 | 1 | 2 | 10 | 7 | 7 | 0 |
| | 2330 | 309 | 1003.5 | 969.7 | .. | 31.8 | 20.2 | 11.4 | 14.2 | 32 | .. | 1.4 | .. | 13.9 | 0 | 9 | 15 | 01 | 1 | 1 | 0 | 1 | 0 | 10 | 10 | 7 | 0 |
| Akola | 0830 | 282 | 1006.4 | 975.2 | +1.4 | 29.8 | 21.9 | 16.7 | 19.9 | 49 | +10 | 1.6 | -0.5 | 3.6 | 0 | 0 | 26 | 00 | 1 | 2 | 0 | 0 | 0 | 21 | 2 | 5 | 0 |
| | 1730 | 282 | 1000.0 | 970.1 | +1.2 | 40.3 | 22.7 | 10.5 | 13.2 | 19 | + 0 | 2.1 | -0.7 | 3.0 | 0 | 0 | 28 | 00 | 2 | 1 | 2 | 0 | 2 | 9 | 12 | 3 | 0 |
| Bramhapuri | 0830 | 229 | 1005.1 | 979.9 | +0.2 | 31.7 | 21.5 | 14.6 | 17.4 | 39 | - 7 | 1.7 | -1.2 | 5.0 | 0 | 0 | 29 | 03 | 2 | 1 | 2 | 2 | 3 | 7 | 9 | 2 | 0 |
| | 1730 | 229 | 999.8 | 975.3 | +0.7 | 40.5 | 23.4 | 12.1 | 14.8 | 22 | - 2 | 2.3 | -0.9 | 7.0 | 0 | 0 | 30 | 04 | 4 | 2 | 0 | 1 | 6 | 7 | 6 | 1 | 0 |
| Buldana | 0830 | 650 | 1006.6 | 935.7 | +1.2 | 27.0 | 19.[illegible] | 14.4 | 17.6 | 51 | + 0 | 1.5 | -1.2 | 16.7 | 0 | 13 | 16 | 02 | 1 | 1 | 1 | 1 | 0 | 1 | 22 | 2 | 0 |
| | 1730 | 650 | 1001.1 | 932.6 | +1.8 | 35.7 | 20.3 | 9.3 | 12.6 | 24 | - 1 | 1.6 | -1.9 | 11.4 | 0 | 4 | 26 | 03 | 5 | 0 | 0 | 0 | 0 | 1 | 21 | 1 | 0 |
| Yeotmal | 0830 | 451 | 1005.2 | 956.2 | +1.2 | 31.3 | 21.5 | 14.1 | 17.6 | 41 | + 1 | 2.1 | -1.0 | 22.3 | 0 | 19 | 12 | 02 | 3 | 1 | 1 | 1 | 0 | 12 | 11 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed, Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yeotmal - contd. | 1730 | 451 | 999.4 | 951.9 | +1.5 | 39.0 | 22.2 | 9.2 | 13.0 | 21 | - 4 | 2.6 | -1.8 | 16.8 | 0 | 15 | 16 | 08 | 3 | 1 | 1 | 1 | 1 | 10 | 6 | 0 | 0 |
| Chanda | 0830 | 193 | 1005.2 | 983.9 | +0.6 | 31.8 | 21.7 | 15.1 | 17.7 | 39 | + 3 | 1.7 | -0.7 | 13.3 | 0 | 9 | 22 | 03 | 0 | 1 | 2 | 2 | 1 | 8 | 14 | 0 | 0 |
| | 1730 | 193 | 999.7 | 979.2 | +1.2 | 40.6 | 22.8 | 9.5 | 13.2 | 19 | - 2 | 2.6 | -0.8 | 12.8 | 0 | 6 | 24 | 08 | 2 | 1 | 1 | 1 | 0 | 6 | 11 | 1 | 0 |
| Pusad | 0830 | 334 | 1006.0 | 969.4 | .. | 31.7 | 20.3 | 11.8 | 14.5 | 33 | .. | 0.6 | .. | 11.2 | 0 | 5 | 26 | 01 | 2 | 0 | 1 | 0 | 4 | 0 | 23 | 0 | 0 |
| | 1730 | 334 | .. | .. | .. | 38.4 | 25.6 | 18.5 | 22.4 | 35 | .. | . | .. | 8.1 | 0 | 2 | 29 | 01 | 23 | 1 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| Sironcha | 0830 | 123 | 1005.8 | 992.2 | +0.7 | 33.6 | 22.4 | 15.3 | 17.9 | 35 | -17 | 1.8 | -1.5 | 2.6 | 0 | 0 | 27 | 00 | 5 | 0 | 4 | 0 | 4 | 0 | 14 | 4 | 0 |
| | 1730 | 123 | 999.8 | 986.6 | +0.7 | 41.9 | 24.0 | 12.5 | 15.2 | 21 | - 6 | 2.3 | -1.2 | 2.4 | 0 | 0 | 30 | 01 | 5 | 0 | 2 | 1 | 4 | 0 | 17 | 1 | 0 |
| Wardha | 0830 | 283 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 283 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 0830 | 313 | .. | .. | .. | 33.5 | 21.9 | 13.7 | 16.8 | 35 | .. | . | .. | 13.3 | 0 | 8 | 22 | 01 | 3 | 1 | 1 | 1 | 1 | 9 | 3 | 1 | 10 |
| | 1730 | 313 | .. | .. | .. | 40.1 | 22.3 | 7.6 | 12.3 | 19 | .. | . | .. | 12.4 | 0 | 6 | 25 | 03 | 4 | 1 | 1 | 2 | 6 | 5 | 4 | 0 | 5 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 6 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Vishakhapatnam | 0230 | 3 | 1003.3 | 1002.9 | .. | 28.9 | 27.0 | 26.1 | 34.2 | 85 | .. | 2.4 | .. | 3.0 | 0 | 0 | 11 | 00 | 0 | 1 | 0 | 1 | 4 | 5 | 0 | 20 | 0 |
| | 0530 | 3 | 1003.8 | 1003.4 | .. | 28.5 | 27.1 | 26.2 | 34.8 | 85 | .. | 3.6 | .. | 2.3 | 0 | 0 | 10 | 00 | 0 | 1 | 1 | 0 | 5 | 3 | 0 | 21 | 0 |
| | 0830 | 3 | 1005.3 | 1004.9 | -0.4 | 31.9 | 27.1 | 25.1 | 32.6 | 68 | - 7 | 3.8 | -0.6 | 9.6 | 0 | 5 | 19 | 00 | 0 | 1 | 2 | 3 | 14 | 4 | 0 | 7 | 0 |
| | 1130 | 3 | 1004.4 | 1004.0 | .. | 35.3 | 28.1 | 25.2 | 33.0 | 57 | .. | 3.2 | .. | 18.1 | 0 | 1 | 30 | 00 | 0 | 2 | 6 | 8 | 15 | 0 | 0 | 0 | 0 |
| | 1430 | 3 | 1002.1 | 1001.7 | .. | 35.1 | 28.2 | 25.1 | 32.6 | 58 | .. | 3.0 | .. | 19.5 | 0 | 15 | 16 | 00 | 0 | 4 | 5 | 8 | 13 | 1 | 0 | 0 | 0 |
| | 1730 | 3 | 1001.9 | 1001.5 | +0.0 | 32.4 | 27.8 | 25.9 | 33.6 | 69 | -14 | 4.0 | -0.7 | 14.2 | 0 | 5 | 26 | 00 | 0 | 2 | 5 | 11 | 13 | 0 | 0 | 0 | 0 |
| | 2030 | 3 | 1004.1 | 1003.7 | .. | 30.5 | 27.2 | 25.8 | 33.4 | 77 | .. | 3.0 | .. | 6.8 | 0 | 1 | 19 | 00 | 0 | 3 | 3 | 5 | 8 | 1 | 0 | 11 | 0 |
| | 2330 | 3 | 1004.5 | 1004.1 | .. | 29.9 | 27.1 | 26.0 | 33.6 | 80 | .. | 2.2 | .. | 3.5 | 0 | 0 | 13 | 00 | 0 | 1 | 2 | 1 | 7 | 0 | 2 | 18 | 0 |
| Kakinada | 0830 | 8 | 1005.4 | 1004.6 | -0.3 | 31.2 | 27.0 | 25.8 | 33.6 | 72 | + 1 | 4.0 | -0.3 | 9.7 | 0 | 1 | 30 | 00 | 2 | 1 | 18 | 0 | 9 | 0 | 1 | 0 | 0 |
| | 1730 | 8 | 1001.1 | 1000.1 | -0.6 | 34.6 | 27.4 | 24.3 | 31.2 | 58 | - 6 | 3.0 | +0.0 | 12.6 | 0 | 6 | 25 | 00 | 1 | 0 | 25 | 4 | 1 | 0 | 0 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1005.5 | 1004.1 | -0.5 | 32.1 | 25.6 | 24.7 | 31.1 | 68 | - 6 | 4.0 | -2.1 | 6.3 | 0 | 2 | 27 | 00 | 1 | 8 | 3 | 6 | 7 | 4 | 0 | 2 | 0 |
| | 1730 | 12 | 1001.1 | 999.7 | -0.4 | 38.7 | 26.6 | 20.5 | 24.1 | 38 | -15 | 2.8 | -2.1 | 12.2 | 0 | 0 | 31 | 00 | 2 | 2 | 7 | 11 | 3 | 0 | 6 | 0 | 0 |
| Rentachintala | 0830 | 106 | 1005.4 | 994.0 | +0.7 | 33.9 | 24.8 | 20.1 | 23.5 | 46 | - 9 | 2.0 | -2.2 | 2.8 | 0 | 0 | 29 | 02 | 0 | 4 | 0 | 3 | 0 | 20 | 0 | 2 | 0 |
| | 1730 | 106 | 1000.4 | 989.8 | +1.5 | 41.3 | 25.1 | 15.8 | 17.9 | 25 | - 6 | 2.8 | -2.0 | 1.8 | 0 | 0 | 20 | 02 | 0 | 4 | 0 | 3 | 0 | 10 | 1 | 11 | 0 |
| Gannavaram | 0230 | 24 | 1002.8 | 1000.1 | .. | 29.6 | 26.7 | 25.5 | 32.6 | 80 | .. | 2.1 | .. | 7.7 | 0 | 2 | 22 | 00 | 0 | 14 | 2 | 3 | 4 | 1 | 0 | 7 | 0 |
| | 0530 | 24 | 1003.5 | 1000.8 | .. | 28.9 | 26.5 | 25.4 | 32.6 | 83 | .. | 4.1 | .. | 6.6 | 0 | 0 | 26 | 01 | 0 | 13 | 2 | 1 | 2 | 4 | 3 | 5 | 0 |
| | 0830 | 24 | 1005.3 | 1002.7 | +0.0 | 33.4 | 26.8 | 23.6 | 28.1 | 61 | - 4 | 3.3 | -0.8 | 12.9 | 0 | 6 | 24 | 04 | 1 | 3 | 5 | 2 | 0 | 9 | 6 | 1 | 0 |
| | 1130 | 24 | 1004.3 | 1001.7 | .. | 38.5 | 26.8 | 21.1 | 25.6 | 41 | .. | 2.5 | .. | 15.9 | 0 | 9 | 22 | 04 | 0 | 3 | 4 | 1 | 0 | 6 | 13 | 0 | 0 |
| | 1430 | 24 | 1001.3 | 998.7 | .. | 41.7 | 26.7 | 18.8 | 22.7 | 29 | .. | 3.1 | .. | 15.8 | 0 | 8 | 22 | 04 | 1 | 2 | 3 | 4 | 1 | 5 | 10 | 1 | 0 |
| | 1730 | 24 | 1000.4 | 997.8 | -0.5 | 40.7 | 26.3 | 18.6 | 22.4 | 32 | -11 | 3.7 | -0.3 | 15.9 | 0 | 7 | 23 | 02 | 0 | 2 | 6 | 5 | 1 | 3 | 11 | 1 | 0 |
| | 2030 | 24 | 1003.0 | 1000.3 | .. | 34.1 | 26.5 | 23.1 | 28.3 | 55 | .. | 1.7 | .. | 9.3 | 0 | 1 | 26 | 00 | 0 | 21 | 6 | 12 | 2 | 3 | 2 | 4 | 0 |
| | 2330 | 24 | 1003.8 | 1001.2 | .. | 31.3 | 26.7 | 24.7 | 31.3 | 70 | .. | 1.6 | .. | 11.2 | 0 | 2 | 28 | 00 | 0 | 9 | 4 | 9 | 5 | 3 | 0 | 1 | 0 |
| Masulipatam | 0830 | 3 | 1005.3 | 1005.0 | -0.3 | 31.7 | 27.2 | 25.2 | 32.2 | 70 | - 1 | 4.3 | +0.5 | 3.3 | 0 | 0 | 28 | 03 | 0 | 2 | 1 | 8 | 6 | 2 | 4 | 3 | 2 |
| | 1730 | 3 | 1001.3 | 1001.0 | -0.3 | 35.3 | 27.1 | 23.0 | 29.1 | 54 | -11 | 3.9 | +1.1 | 6.1 | 0 | 0 | 31 | 01 | 0 | 5 | 5 | 1 | 6 | 2 | 1 | 0 | 10 |
| Ongole | 0830 | 12 | 1005.5 | 1004.1 | +0.0 | 35.1 | 27.0 | 23.4 | 28.8 | 52 | -22 | 3.0 | -0.4 | 6.0 | 0 | 0 | 31 | 00 | 1 | 0 | 5 | 0 | 2 | 17 | 6 | 0 | 0 |
| | 1730 | 12 | 1001.5 | 1000.1 | -0.2 | 37.7 | 28.1 | 23.7 | 30.0 | 50 | -24 | 2.6 | -0.9 | 4.5 | 0 | 0 | 31 | 00 | 1 | 1 | 16 | 0 | 1 | 6 | 6 | 0 | 0 |
| Nellore | 0530 | 20 | 1003.8 | 1001.6 | .. | 29.6 | 25.7 | 23.9 | 29.7 | 73 | .. | 4.8 | .. | 6.1 | 0 | 4 | 23 | 00 | 0 | 0 | 7 | 0 | 13 | 5 | 2 | 4 | 0 |
| | 0830 | 20 | 1005.7 | 1003.5 | +0.1 | 33.2 | 26.3 | 23.1 | 28.6 | 57 | - 3 | 5.2 | +0.9 | 11.1 | 0 | 7 | 23 | 00 | 1 | 0 | 6 | 0 | 11 | 12 | 0 | 1 | 0 |
| | 1130 | 20 | 1005.3 | 1003.1 | .. | 37.5 | 26.8 | 21.8 | 26.3 | 42 | .. | 4.2 | .. | 13.4 | 0 | 8 | 23 | 00 | 0 | 2 | 3 | 1 | 9 | 12 | 4 | 0 | 0 |
| | 1730 | 20 | 1002.3 | 1000.1 | +0.7 | 37.6 | 27.3 | 22.5 | 27.9 | 46 | - 8 | 4.6 | +0.5 | 10.0 | 0 | 2 | 29 | 00 | 0 | 0 | 11 | 0 | 17 | 3 | 0 | 0 | 0 |
| | 2330 | 20 | 1004.2 | 1002.0 | .. | 31.4 | 26.5 | 24.2 | 30.7 | 69 | .. | 4.6 | .. | 3.3 | 0 | 0 | 26 | 00 | 0 | 1 | 6 | 3 | 12 | 3 | 1 | 5 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1005.0 | 987.7 | +0.4 | 33.1 | 21.4 | 13.5 | 15.9 | 33 | -11 | 1.4 | -1.8 | 4.4 | 0 | 0 | 25 | 02 | 0 | 1 | 1 | 2 | 2 | 14 | 3 | 6 | 0 |
| | 1730 | 156 | 1000.2 | 982.9 | +0.7 | 41.8 | 23.5 | 10.5 | 12.2 | 18 | - 5 | 2.3 | -1.8 | 3.1 | 0 | 0 | 24 | 07 | 3 | 0 | 0 | 2 | 1 | 7 | 4 | 7 | 0 |
| Nizamabad | 0830 | 381 | 1006.3 | 964.7 | +1.4 | 31.1 | 20.5 | 13.1 | 15.5 | 36 | - 1 | 1.9 | -0.6 | 6.6 | 0 | 0 | 27 | 00 | 1 | 0 | 2 | 2 | 3 | 12 | 7 | 4 | 0 |
| | 1730 | 381 | 1000.1 | 959.8 | +1.3 | 39.6 | 22.2 | 9.0 | 12.5 | 20 | - 2 | 1.9 | -1.4 | 7.4 | 0 | 0 | 27 | 04 | 0 | 0 | 2 | 1 | 2 | 3 | 15 | 4 | 0 |
| Hanamkonda | 0830 | 269 | 1004.8 | 975.4 | -0.1 | 32.6 | 22.0 | 15.1 | 17.8 | 38 | -13 | 1.3 | -1.4 | 4.3 | 0 | 0 | 29 | 08 | 1 | 0 | 1 | 7 | 0 | 1 | 11 | 2 | 0 |
| | 1730 | 269 | 1001.9 | 972.9 | +2.0 | 40.1 | 23.3 | 12.3 | 14.5 | 20 | - 4 | 1.0 | -2.2 | 2.0 | 0 | 0 | 31 | 16 | 0 | 0 | 3 | 2 | 1 | 4 | 5 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1004.5 | 937.5 | .. | 26.5 | 18.9 | 13.9 | 16.3 | 49 | .. | 3.1 | .. | 24.4 | 0 | 20 | 10 | 00 | 0 | 2 | 3 | 0 | 1 | 17 | 7 | 1 | 0 |
| | 0830 | 613 | 1005.4 | 939.3 | .. | 30.1 | 20.5 | 14.2 | 17.1 | 42 | .. | 3.5 | .. | 31.0 | 0 | 25 | 6 | 02 | 1 | 0 | 3 | 0 | 3 | 11 | 11 | 0 | 0 |
| | 1130 | 613 | 1004.1 | 939.2 | .. | 35.2 | 21.6 | 13.2 | 15.8 | 31 | .. | 3.3 | .. | 31.5 | 0 | 24 | 7 | 00 | 2 | 1 | 3 | 1 | 3 | 8 | 13 | 0 | 0 |
| | 1730 | 613 | 1001.3 | 936.4 | .. | 36.9 | 21.9 | 12.5 | 15.0 | 27 | .. | 3.6 | .. | 23.0 | 0 | 19 | 11 | 03 | 1 | 2 | 2 | 0 | 2 | 9 | 10 | 1 | 1 |
| | 2330 | 613 | 1004.1 | 937.8 | .. | 30.4 | 19.8 | 12.7 | 15.4 | 38 | .. | 2.2 | .. | 12.4 | 0 | 2 | 27 | 01 | 1 | 2 | 3 | 1 | 3 | 15 | 3 | 2 | 0 |
| Bhadrachalam | 0830 | 111 | 1004.4 | 992.1 | -1.0 | 32.4 | 24.7 | 20.3 | 24.7 | 52 | - 9 | 2.5 | -1.5 | 3.5 | 0 | 0 | 31 | 00 | 8 | 0 | 13 | 0 | 5 | 0 | 5 | 0 | 0 |
| | 1730 | 111 | 999.4 | 987.6 | -0.1 | 41.7 | 23.0 | 9.4 | 12.8 | 17 | -14 | 2.5 | -2.7 | 4.1 | 0 | 0 | 31 | 02 | 15 | 0 | 3 | 0 | 1 | 0 | 10 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1003.5 | 944.4 | .. | 28.4 | 18.2 | 10.6 | 13.5 | 36 | .. | 2.1 | .. | 12.1 | 0 | 5 | 21 | 01 | 0 | 0 | 3 | 0 | 0 | 9 | 13 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyderabad(Begumpet) - contd. | 0530 | 545 | 1004.5 | 945.0 | .. | 26.9 | 18.1 | 11.6 | 14.3 | 42 | .. | 3.0 | .. | 13.1 | 0 | 6 | 22 | 02 | 0 | 0 | 3 | 0 | 1 | 8 | 14 | 3 | 0 |
| | 0830 | 545 | 1005.9 | 946.8 | +0.7 | 29.9 | 19.3 | 12.1 | 14.6 | 37 | -13 | 2.8 | -0.7 | 19.7 | 0 | 18 | 13 | 04 | 1 | 0 | 3 | 0 | 2 | 4 | 17 | 0 | 0 |
| | 1130 | 545 | 1004.5 | 946.5 | .. | 35.5 | 20.4 | 9.7 | 12.9 | 25 | .. | 2.5 | .. | 19.9 | 0 | 20 | 11 | 04 | 1 | 3 | 1 | 1 | 1 | 2 | 18 | 0 | 0 |
| | 1730 | 545 | 1000.0 | 942.8 | +1.1 | 37.9 | 20.2 | 6.5 | 10.9 | 19 | -14 | 3.8 | -0.6 | 16.7 | 0 | 11 | 20 | 09 | 2 | 1 | 2 | 1 | 3 | 0 | 13 | 0 | 0 |
| | 2330 | 545 | 1004.1 | 945.2 | .. | 29.9 | 18.6 | 10.2 | 13.2 | 34 | .. | 2.0 | .. | 9.1 | 0 | 2 | 25 | 04 | 1 | 0 | 3 | 0 | 2 | 6 | 11 | 4 | 0 |
| Khammam | 0830 | 112 | 1005.3 | 993.0 | -0.1 | 33.3 | 27.6 | 25.2 | 32.2 | 63 | - 4 | 3.3 | -0.2 | 5.0 | 0 | 0 | 22 | 04 | 0 | 3 | 2 | 1 | 3 | 7 | 2 | 9 | 0 |
| | 1730 | 112 | 1000.2 | 988.3 | +0.4 | 41.1 | 28.1 | 22.4 | 27.3 | 36 | + 3 | 4.0 | -0.3 | 1.9 | 0 | 0 | 23 | 10 | 0 | 1 | 1 | 1 | 0 | 7 | 3 | 8 | 0 |
| Mahbubnagar | 0830 | 505 | 1006.1 | 951.4 | +0.8 | 29.3 | 21.4 | 17.2 | 19.3 | 50 | - 7 | 3.5 | -0.8 | 14.4 | 0 | 4 | 25 | 01 | 0 | 3 | 0 | 0 | 4 | 6 | 17 | 0 | 0 |
| | 1730 | 505 | 1000.2 | 947.1 | +0.7 | 37.3 | 22.1 | 12.3 | 13.9 | 26 | - 8 | 4.2 | -0.9 | 7.6 | 0 | 2 | 29 | 02 | 3 | 4 | 0 | 3 | 7 | 7 | 5 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1007.6 | 976.6 | +1.3 | 28.9 | 23.1 | 19.5 | 22.8 | 58 | + 4 | 3.3 | -0.7 | 18.8 | 0 | 17 | 14 | 00 | 2 | 0 | 5 | 0 | 12 | 1 | 11 | 0 | 0 |
| | 1730 | 281 | 1001.4 | 971.4 | +1.6 | 38.2 | 23.8 | 14.5 | 17.7 | 29 | + 2 | 3.3 | -0.9 | 8.5 | 0 | 1 | 29 | 01 | 4 | 0 | 3 | 0 | 4 | 0 | 17 | 1 | 1 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1006.1 | 970.2 | .. | 26.1 | 22.9 | 21.3 | 25.3 | 75 | .. | 3.7 | .. | 17.9 | 0 | 12 | 19 | 00 | 2 | 0 | 0 | 1 | 5 | 22 | 1 | 0 | 0 |
| | 0830 | 350 | 1007.9 | 969.3 | +1.6 | 28.6 | 23.7 | 21.1 | 25.3 | 65 | + 3 | 3.3 | -1.0 | 18.0 | 0 | 14 | 17 | 00 | 2 | 0 | 0 | 2 | 2 | 21 | 4 | 0 | 0 |
| | 1130 | 350 | 1006.4 | 968.5 | .. | 33.9 | 24.0 | 18.4 | 21.8 | 42 | .. | 3.0 | .. | 16.6 | 0 | 9 | 20 | 00 | 1 | 0 | 2 | 1 | 3 | 9 | 13 | 2 | 0 |
| | 1430 | 350 | 1002.9 | 965.4 | .. | 37.0 | 24.4 | 17.7 | 20.2 | 34 | .. | 3.7 | .. | 13.3 | 0 | 6 | 20 | 01 | 0 | 1 | 1 | 0 | 5 | 3 | 15 | 5 | 0 |
| | 1730 | 350 | 1001.6 | 964.2 | +1.4 | 37.2 | 24.0 | 16.1 | 19.0 | 32 | + 0 | 3.9 | -0.9 | 13.9 | 0 | 8 | 20 | 02 | 3 | 0 | 1 | 0 | 2 | 6 | 14 | 3 | 0 |
| | 2030 | 350 | 1004.0 | 966.1 | .. | 33.3 | 23.2 | 17.7 | 20.2 | 41 | .. | 2.6 | .. | 8.8 | 0 | 4 | 17 | 00 | 2 | 0 | 1 | 1 | 3 | 9 | 5 | 10 | 0 |
| | 2330 | 350 | 1005.5 | 967.1 | .. | 30.2 | 23.7 | 20.2 | 24.0 | 57 | .. | 2.1 | .. | 23.7 | 0 | 17 | 13 | 00 | 1 | 0 | 1 | 1 | 5 | 22 | 0 | 1 | 0 |
| Cuddapah | 0830 | 130 | 1007.7 | 993.2 | +1.0 | 31.6 | 25.4 | 22.4 | 27.4 | 60 | + 3 | 1.8 | -1.6 | 5.4 | 0 | 0 | 27 | 00 | 0 | 2 | 0 | 0 | 0 | 25 | 0 | 4 | 0 |
| | 1730 | 130 | 1001.7 | 987.7 | +0.9 | 39.4 | 27.1 | 21.3 | 25.8 | 37 | - 4 | 2.7 | -1.4 | 3.4 | 0 | 0 | 19 | 00 | 0 | 2 | 0 | 0 | 0 | 14 | 3 | 12 | 0 |
| Arogyavaram | 0830 | 701 | 1007.4 | 931.7 | +1.3 | 27.6 | 21.5 | 18.5 | 21.3 | 60 | + 0 | 3.3 | -1.8 | 11.3 | 0 | 0 | 31 | 09 | 0 | 0 | 0 | 2 | 3 | 1 | 16 | 0 | 0 |
| | 1730 | 701 | 1001.6 | 927.8 | +1.0 | 35.2 | 20.9 | 12.3 | 14.3 | 28 | -10 | 3.0 | -2.8 | 11.7 | 0 | 7 | 24 | 10 | 2 | 2 | 0 | 2 | 2 | 1 | 12 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1006.1 | 1005.4 | +0.1 | 31.8 | 26.4 | 24.2 | 30.2 | 64 | - 2 | 3.3 | -1.2 | 8.6 | 0 | 0 | 29 | 00 | 0 | 0 | 2 | 1 | 10 | 15 | 1 | 2 | 0 |
| | 1730 | 6 | 1002.9 | 1002.2 | .. | 32.9 | 27.3 | 24.9 | 31.5 | 64 | .. | 4.2 | .. | 7.7 | 0 | 0 | 30 | 00 | 1 | 1 | 16 | 10 | 1 | 0 | 0 | 1 | 1 |
| Madras (Minambakkam) | 0230 | 16 | 1003.7 | 1002.1 | .. | 29.4 | 25.6 | 23.9 | 29.7 | 74 | .. | 2.9 | .. | 11.0 | 0 | 1 | 29 | 00 | 1 | 0 | 5 | 15 | 7 | 2 | 0 | 1 | 0 |
| | 0530 | 16 | 1004.3 | 1002.6 | .. | 29.0 | 25.2 | 23.5 | 28.9 | 73 | .. | 3.7 | .. | 10.9 | 0 | 3 | 26 | 00 | 0 | 1 | 2 | 13 | 10 | 3 | 0 | 2 | 0 |
| | 0830 | 16 | 1006.1 | 1004.4 | -0.1 | 31.7 | 26.2 | 23.8 | 29.7 | 64 | + 1 | 3.5 | -1.0 | 14.5 | 0 | 7 | 24 | 00 | 0 | 0 | 1 | 11 | 13 | 5 | 1 | 0 | 0 |
| | 1130 | 16 | 1005.6 | 1003.9 | .. | 36.5 | 26.3 | 21.5 | 25.8 | 43 | .. | 4.2 | .. | 16.3 | 0 | 11 | 19 | 00 | 0 | 0 | 1 | 4 | 11 | 12 | 2 | 1 | 0 |
| | 1430 | 16 | 1003.2 | 1001.5 | .. | 37.8 | 27.4 | 22.7 | 27.9 | 45 | .. | 3.9 | .. | 12.5 | 0 | 4 | 26 | 00 | 0 | 7 | 9 | 5 | 5 | 2 | 2 | 1 | 0 |
| | 1730 | 16 | 1002.9 | 1001.2 | +0.4 | 34.2 | 27.9 | 24.3 | 30.7 | 59 | - 7 | 3.9 | -0.5 | 14.7 | 0 | 9 | 22 | 01 | 0 | 4 | 18 | 6 | 1 | 1 | 0 | 0 | 0 |
| | 2030 | 16 | 1005.0 | 1003.3 | .. | 30.9 | 27.1 | 25.5 | 32.6 | 74 | .. | 3.2 | .. | 13.7 | 0 | 6 | 25 | 00 | 0 | 1 | 15 | 15 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 16 | 1005.3 | 1003.6 | .. | 30.1 | 26.6 | 25.1 | 31.9 | 76 | .. | 2.4 | .. | 12.4 | 0 | 4 | 26 | 00 | 0 | 0 | 9 | 20 | 1 | 0 | 0 | 1 | 0 |
| Vellore | 0530 | 214 | 1005.3 | 981.5 | .. | 28.0 | 24.3 | 22.5 | 27.3 | 73 | .. | 2.6 | .. | 4.7 | 0 | 2 | 11 | 01 | 1 | 0 | 1 | 0 | 2 | 6 | 2 | 18 | 0 |
| | 0830 | 214 | 1007.3 | 983.3 | +0.6 | 30.7 | 25.2 | 22.6 | 27.6 | 63 | + 1 | 2.3 | -1.4 | 12.9 | 0 | 6 | 23 | 00 | 0 | 1 | 0 | 3 | 0 | 19 | 6 | 2 | 0 |
| | 1130 | 214 | 1005.8 | 982.5 | .. | 35.8 | 26.1 | 21.4 | 25.8 | 45 | .. | 2.2 | .. | 11.7 | 0 | 4 | 25 | 00 | 0 | 1 | 0 | 0 | 5 | 18 | 5 | 2 | 0 |
| | 1730 | 214 | 1002.1 | 979.0 | +0.7 | 37.3 | 25.7 | 19.9 | 23.5 | 39 | - 3 | 4.5 | -0.4 | 5.0 | 0 | 2 | 22 | 00 | 3 | 2 | 1 | 3 | 4 | 3 | 8 | 7 | 0 |
| | 2330 | 214 | 1005.8 | 982.2 | .. | 30.9 | 25.1 | 22.3 | 27.3 | 62 | .. | 2.4 | .. | 4.1 | 0 | 0 | 14 | 00 | 0 | 0 | 1 | 9 | 2 | 2 | 0 | 17 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1005.7 | 1002.9 | .. | 35.3 | 27.2 | 20.7 | 24.4 | 66 | .. | 3.5 | .. | 17.5 | 0 | 7 | 24 | 00 | 0 | 1 | 0 | 5 | 15 | 9 | 1 | 0 | 0 |
| | 1730 | 29 | 1003.2 | 1000.0 | .. | 34.8 | 31.6 | 25.7 | 33.0 | 60 | .. | 4.0 | .. | 17.6 | 0 | 7 | 24 | 00 | 0 | 2 | 12 | 12 | 3 | 1 | 1 | 0 | 0 |
| Tiruppattur | 0830 | 390 | 1007.8 | 964.9 | +1.0 | 28.1 | 23.5 | 21.2 | 25.2 | 67 | + 0 | 6.2 | +1.1 | 3.9 | 0 | 0 | 30 | 26 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 390 | 1003.1 | 961.1 | +1.4 | 34.0 | 24.1 | 18.9 | 21.8 | 42 | - 3 | 7.0 | +1.0 | 7.6 | 0 | 0 | 30 | 21 | 0 | 1 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 29.6 | 24.1 | 21.3 | 25.5 | 62 | .. | 2.5 | .. | 3.2 | 0 | 0 | 27 | 00 | 6 | 0 | 7 | 0 | 8 | 0 | 6 | 4 | 0 |
| | 1730 | | .. | .. | .. | 30.8 | 27.2 | 25.7 | 33.0 | 75 | .. | 3.8 | .. | 3.7 | 0 | 0 | 30 | 00 | 6 | 0 | 7 | 0 | 8 | 0 | 9 | 1 | 0 |
| Cuddalore | 0530 | 12 | 1004.6 | 1003.3 | .. | 27.6 | 25.2 | 24.2 | 30.2 | 82 | .. | 2.4 | .. | 2.6 | 0 | 1 | 7 | 00 | 0 | 0 | 0 | 2 | 6 | 0 | 0 | 23 | 0 |
| | 0830 | 12 | 1006.7 | 1005.4 | -0.1 | 30.7 | 26.2 | 24.2 | 30.2 | 69 | + 2 | 3.2 | -1.2 | 6.0 | 0 | 1 | 26 | 00 | 0 | 0 | 2 | 11 | 14 | 0 | 0 | 4 | 0 |
| | 1130 | 12 | 1006.4 | 1005.1 | .. | 35.1 | 27.4 | 24.2 | 30.2 | 54 | .. | 2.9 | .. | 8.4 | 0 | 1 | 30 | 00 | 0 | 0 | 10 | 10 | 11 | 0 | 0 | 0 | 0 |
| | 1730 | 12 | 1003.4 | 1002.1 | +0.5 | 31.7 | 28.5 | 27.3 | 36.3 | 79 | + 7 | 3.8 | -0.7 | 8.6 | 0 | 1 | 30 | 00 | 0 | 1 | 25 | 3 | 2 | 0 | 0 | 0 | 0 |
| | 2330 | 12 | 1006.1 | 1004.8 | .. | 29.4 | 26.4 | 25.1 | 31.9 | 78 | .. | 2.6 | .. | 7.3 | 0 | 1 | 26 | 00 | 0 | 0 | 11 | 14 | 2 | 0 | 0 | 4 | 0 |
| Kallakkurichchi | 0830 | 127 | 1006.3 | 992.3 | +0.2 | 31.3 | 26.4 | 24.4 | 30.4 | 68 | + 1 | 3.0 | -0.7 | 5.0 | 0 | 1 | 26 | 00 | 0 | 0 | 1 | 1 | 23 | 2 | 0 | 4 | 0 |
| | 1730 | 127 | 1002.3 | 988.6 | +0.8 | 37.4 | 27.5 | 23.1 | 28.6 | 45 | - 2 | 3.4 | -1.3 | 5.4 | 0 | 0 | 25 | 00 | 1 | 0 | 3 | 1 | 12 | 7 | 1 | 6 | 0 |
| Salem | 0530 | 278 | 1006.3 | 975.3 | .. | 26.4 | 23.0 | 21.3 | 25.3 | 74 | .. | 3.3 | .. | 3.0 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 3 | 9 | 9 | 0 | 10 | 0 |
| | 0830 | 278 | 1008.2 | 977.2 | +0.8 | 28.7 | 23.9 | 22.1 | 26.6 | 65 | - 6 | 4.1 | +0.1 | 4.0 | 0 | 0 | 25 | 00 | 0 | 1 | 0 | 2 | 9 | 8 | 5 | 6 | 0 |
| | 1130 | 278 | 1006.8 | 976.4 | .. | 33.1 | 24.7 | 20.4 | 24.0 | 49 | .. | 2.9 | .. | 7.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 5 | 19 | 3 | 0 | 2 |
| | 1730 | 278 | 1002.4 | 972.8 | +0.9 | 36.3 | 24.9 | 18.8 | 21.7 | 37 | -10 | 4.8 | -0.3 | 3.6 | 0 | 1 | 16 | 01 | 0 | 1 | 0 | 1 | 3 | 9 | 1 | 14 | 1 |
| | 2330 | 278 | 1007.0 | 976.3 | .. | 29.5 | 23.9 | 21.2 | 25.2 | 61 | .. | 3.8 | .. | 5.2 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 12 | 13 | 0 | 6 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1007.2 | 963.0 | .. | 23.9 | 22.9 | 22.4 | 27.1 | 92 | .. | 2.8 | .. | 16.5 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Kn. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coimbatore(Pilamedu)-contd. | 0830 | 399 | 1008.9 | 964.5 | +1.2 | 26.9 | 24.3 | 23.1 | 28.3 | 80 | + 5 | 2.6 | -2.0 | 18.6 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 17 | 14 | 0 | 0 | 0 | 0 |
| | 1130 | 399 | 1007.5 | 964.1 | .. | 31.8 | 25.5 | 22.5 | 27.3 | 59 | .. | 3.2 | .. | 21.8 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 15 | 14 | 2 | 0 | 0 | 0 |
| | 1430 | 399 | 1004.6 | 961.6 | .. | 33.7 | 25.7 | 21.8 | 26.1 | 51 | .. | 3.4 | .. | 28.3 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 18 | 12 | 0 | 0 | 0 | 1 |
| | 1730 | 399 | 1004.5 | 961.1 | +1.5 | 30.9 | 24.9 | 21.9 | 28.3 | 60 | + 4 | 4.4 | -1.1 | 29.1 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 14 | 17 | 0 | 0 | 0 | 0 |
| | 2030 | 399 | 1007.4 | 963.3 | .. | 27.1 | 23.8 | 22.1 | 26.6 | 74 | .. | 2.6 | .. | 24.1 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 | 0 |
| | 2330 | 399 | 1008.4 | 964.0 | .. | 25.4 | 23.7 | 22.8 | 27.7 | 86 | .. | 2.0 | .. | 21.2 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 13 | 17 | 1 | 0 | 0 | 0 |
| Coimbatore | 0830 | 409 | 1008.3 | 963.2 | +0.8 | 27.4 | 23.2 | 21.1 | 25.0 | 69 | - 5 | 3.3 | -1.2 | 9.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 |
| Nagapattinam | 0830 | 9 | 1007.6 | 1006.5 | +0.3 | 30.9 | 25.5 | 23.0 | 28.1 | 64 | - 5 | 4.9 | +0.0 | 15.7 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 2 | 19 | 10 | 0 | 0 | 0 |
| | 1730 | 9 | 1004.2 | 1003.2 | +0.6 | 33.1 | 26.8 | 23.5 | 28.9 | 58 | -11 | 4.6 | +0.2 | 18.0 | 0 | 13 | 18 | 00 | 0 | 0 | 3 | 14 | 13 | 1 | 0 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1005.4 | 995.5 | .. | 28.9 | 23.9 | 21.4 | 25.5 | 65 | .. | 3.8 | .. | 18.8 | 0 | 14 | 12 | 00 | 0 | 0 | 0 | 2 | 1 | 20 | 3 | 5 | 0 |
| | 0530 | 88 | 1005.5 | 995.6 | .. | 27.9 | 23.6 | 21.4 | 25.5 | 69 | .. | 4.2 | .. | 21.1 | 0 | 18 | 10 | 00 | 0 | 0 | 0 | 1 | 0 | 24 | 3 | 3 | 0 |
| | 0830 | 88 | 1007.2 | 997.4 | +0.2 | 30.5 | 24.5 | 21.6 | 25.8 | 60 | - 7 | 3.5 | -0.8 | 29.5 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 1 | 0 |
| | 1130 | 88 | 1006.4 | 996.8 | .. | 35.5 | 25.4 | 20.2 | 23.7 | 41 | .. | 3.3 | .. | 27.1 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 5 | 22 | 4 | 0 | 0 |
| | 1430 | 88 | 1003.6 | 994.0 | .. | 38.3 | 25.8 | 19.4 | 22.5 | 34 | .. | 4.5 | .. | 20.6 | 0 | 14 | 17 | 00 | 1 | 0 | 2 | 3 | 5 | 16 | 4 | 0 | 0 |
| | 1730 | 88 | 1002.8 | 993.2 | +0.4 | 37.7 | 25.1 | 18.6 | 21.4 | 34 | - 7 | 5.0 | +0.0 | 16.6 | 0 | 12 | 17 | 01 | 0 | 1 | 5 | 10 | 2 | 7 | 3 | 2 | 0 |
| | 2030 | 88 | 1005.7 | 996.0 | .. | 32.5 | 25.6 | 22.4 | 27.1 | 57 | .. | 3.4 | .. | 17.8 | 0 | 12 | 19 | 00 | 0 | 0 | 4 | 17 | 4 | 6 | 0 | 0 | 0 |
| | 2330 | 88 | 1006.8 | 997.0 | .. | 30.5 | 24.7 | 21.8 | 26.1 | 61 | .. | 3.4 | .. | 18.3 | 0 | 8 | 20 | 00 | 0 | 0 | 1 | 9 | 2 | 14 | 2 | 3 | 0 |
| Vedaranniyam | 0830 | 4 | 1007.6 | 1007.1 | .. | 30.8 | 27.2 | 25.8 | 33.2 | 75 | .. | 1.5 | .. | 3.3 | 0 | 0 | 31 | 00 | 0 | 0 | 8 | 1 | 21 | 0 | 1 | 0 | 0 |
| | 1730 | 4 | 1004.4 | 1003.9 | .. | 30.3 | 26.6 | 25.4 | 32.4 | 75 | .. | 2.8 | .. | 3.3 | 0 | 0 | 31 | 00 | 0 | 0 | 8 | 0 | 23 | 0 | 0 | 0 | 0 |
| Atirampattinam | 0830 | 6 | 1007.1 | 1006.4 | .. | 30.5 | 25.6 | 23.5 | 28.9 | 67 | .. | 2.6 | .. | 9.5 | 0 | 2 | 26 | 00 | 0 | 0 | 0 | 12 | 10 | 2 | 4 | 3 | 0 |
| | 1730 | 6 | 1004.4 | 1003.7 | .. | 30.8 | 26.8 | 24.8 | 31.9 | 71 | .. | 3.2 | .. | 25.9 | 0 | 30 | 0 | 00 | 0 | 0 | 0 | 26 | 3 | 0 | 1 | 1 | 0 |
| Madurai | 0830 | 133 | 1007.3 | 993.5 | +1.1 | 30.5 | 22.2 | 20.4 | 24.0 | 56 | - 5 | 6.7 | +1.8 | 7.0 | 0 | 0 | 29 | 05 | 0 | 0 | 0 | 0 | 3 | 6 | 15 | 2 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1006.1 | 991.4 | .. | 27.9 | 23.4 | 21.2 | 25.2 | 67 | .. | 3.8 | .. | 8.2 | 0 | 0 | 24 | 03 | 1 | 0 | 0 | 0 | 1 | 2 | 17 | 7 | 0 |
| | 0830 | 131 | 1007.7 | 993.1 | +0.6 | 31.2 | 24.6 | 21.4 | 25.5 | 56 | - 9 | 3.9 | -1.4 | 12.3 | 0 | 3 | 28 | 08 | 0 | 0 | 0 | 1 | 2 | 7 | 13 | 0 | 0 |
| | 1130 | 131 | 1006.7 | 992.4 | .. | 35.8 | 25.3 | 20.2 | 23.7 | 41 | .. | 3.4 | .. | 11.4 | 0 | 4 | 26 | 02 | 0 | 1 | 1 | 2 | 8 | 7 | 9 | 1 | 0 |
| | 1730 | 131 | 1003.5 | 989.2 | +0.3 | 36.7 | 25.9 | 20.7 | 24.4 | 41 | - 9 | 4.7 | -1.6 | 18.9 | 0 | 17 | 13 | 00 | 1 | 1 | 6 | 6 | 4 | 11 | 1 | 1 | 0 |
| Tondi | 0830 | 5 | 1008.2 | 1007.6 | +0.7 | 30.1 | 25.1 | 22.6 | 27.7 | 65 | - 7 | 3.4 | -2.5 | 7.3 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 5 | 20 | 0 | 0 | 5 | 0 |
| | 1730 | 5 | 1004.9 | 1004.3 | +0.8 | 30.9 | 27.0 | 25.5 | 32.4 | 73 | - 2 | 3.4 | -2.4 | 30.1 | 0 | 28 | 3 | 00 | 0 | 0 | 8 | 22 | 1 | 0 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1008.2 | 1006.9 | +0.6 | 29.7 | 26.7 | 25.5 | 32.6 | 79 | + 2 | 4.8 | +1.2 | 15.0 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 | 0 |
| | 1730 | 11 | 1005.2 | 1003.9 | +0.6 | 30.1 | 26.9 | 25.6 | 32.8 | 77 | - 1 | 3.2 | -0.8 | 25.2 | 0 | 22 | 9 | 00 | 0 | 0 | 1 | 11 | 19 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1008.6 | 1008.2 | +1.1 | 31.1 | 24.5 | 21.1 | 25.3 | 56 | -10 | 2.5 | -1.4 | 11.2 | 0 | 5 | 26 | 01 | 1 | 0 | 0 | 0 | 7 | 22 | 0 | 0 | 0 |
| | 1730 | 4 | 1004.8 | 1004.4 | +0.7 | 33.9 | 26.3 | 22.8 | 27.9 | 55 | - 6 | 3.7 | +0.0 | 20.3 | 0 | 19 | 12 | 00 | 0 | 0 | 3 | 13 | 2 | 13 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1008.4 | 1002.6 | +0.9 | 31.3 | 24.3 | 20.9 | 24.7 | 54 | - 6 | 3.2 | -1.1 | 8.8 | 0 | 3 | 27 | 00 | 0 | 0 | 1 | 11 | 0 | 18 | 2 | 1 | 0 |
| | 1730 | 51 | 1004.8 | 999.2 | +0.9 | 34.6 | 25.2 | 20.0 | 23.4 | 43 | -10 | 4.6 | -0.9 | 19.3 | 0 | 19 | 12 | 01 | 0 | 2 | 2 | 3 | 5 | 16 | 2 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1009.0 | 1004.9 | .. | 28.6 | 24.7 | 22.7 | 27.6 | 69 | .. | 4.8 | .. | 21.5 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 2 | 23 | 6 | 0 | 0 |
| | 1730 | 37 | 1007.0 | 1002.4 | .. | 29.4 | 25.4 | 23.7 | 29.3 | 73 | .. | 4.8 | .. | 20.1 | 0 | 17 | 14 | 00 | 0 | 0 | 0 | 0 | 4 | 24 | 3 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1010.3 | 1009.8 | +2.4 | 28.8 | 26.1 | 25.0 | 31.7 | 80 | + 0 | 4.0 | -1.0 | 7.0 | 0 | 0 | 30 | 01 | 3 | 2 | 0 | 0 | 0 | 3 | 13 | 1 | 8 |
| | 1730 | 4 | 1007.4 | 1006.9 | +2.1 | 29.7 | 26.2 | 24.7 | 31.1 | 75 | + 0 | 4.0 | -0.9 | 12.4 | 0 | 5 | 26 | 00 | 1 | 0 | 1 | 0 | 0 | 2 | 23 | 0 | 4 |
| Honavar | 0830 | 26 | 1010.2 | 1007.2 | +1.4 | 27.4 | 25.0 | 24.0 | 29.7 | 82 | + 3 | 5.5 | -0.3 | 8.0 | 1 | 1 | 28 | 01 | 0 | 15 | 0 | 1 | 3 | 10 | 0 | 1 | 0 |
| | 1730 | 26 | 1007.9 | 1005.1 | +2.1 | 29.8 | 25.6 | 23.8 | 29.3 | 70 | - 2 | 5.2 | -0.1 | 7.2 | 0 | 1 | 30 | 01 | 0 | 1 | 0 | 0 | 3 | 18 | 8 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1008.4 | 996.9 | .. | 26.3 | 24.4 | 23.5 | 28.9 | 84 | .. | 4.9 | .. | 3.7 | 0 | 1 | 11 | 01 | 0 | 0 | 3 | 0 | 3 | 2 | 3 | 19 | 0 |
| | 0530 | 102 | 1008.6 | 997.1 | .. | 25.7 | 24.2 | 23.3 | 28.9 | 87 | .. | 5.6 | .. | 2.6 | 0 | 1 | 9 | 00 | 1 | 1 | 2 | 1 | 1 | 1 | 3 | 21 | 0 |
| | 0830 | 102 | 1010.3 | 998.9 | +2.1 | 28.1 | 25.2 | 23.9 | 29.7 | 78 | - 3 | 5.6 | -0.1 | 7.2 | 0 | 3 | 17 | 05 | 4 | 3 | 2 | 1 | 1 | 3 | 1 | 11 | 0 |
| | 1130 | 102 | 1010.2 | 998.9 | .. | 30.5 | 25.1 | 22.5 | 27.4 | 63 | .. | 5.8 | .. | 18.0 | 0 | 16 | 15 | 02 | 0 | 0 | 0 | 1 | 5 | 16 | 6 | 0 | 1 |
| | 1430 | 102 | 1008.0 | 996.7 | .. | 31.3 | 25.3 | 22.5 | 27.3 | 59 | .. | 5.0 | .. | 22.9 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 4 | 19 | 8 | 0 | 0 |
| | 1730 | 102 | 1007.3 | 996.1 | +2.1 | 29.7 | 24.9 | 22.6 | 27.6 | 66 | - 8 | 5.3 | -0.9 | 20.1 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 11 | 0 | 0 |
| | 2030 | 102 | 1009.4 | 997.8 | .. | 27.7 | 24.7 | 23.4 | 28.6 | 77 | .. | 4.5 | .. | 10.6 | 0 | 2 | 25 | 02 | 0 | 0 | 0 | 1 | 1 | 8 | 15 | 4 | 0 |
| | 2330 | 102 | 1010.0 | 998.5 | .. | 26.8 | 24.6 | 23.6 | 29.1 | 82 | .. | 4.4 | .. | 6.8 | 0 | 1 | 20 | 02 | 0 | 0 | 1 | 1 | 1 | 4 | 12 | 10 | 0 |
| Mangalore | 0830 | 22 | 1010.2 | 1007.7 | +1.4 | 28.6 | 25.3 | 23.9 | 29.7 | 76 | - 1 | 4.0 | -1.8 | 8.5 | 0 | 0 | 30 | 03 | 7 | 7 | 2 | 0 | 4 | 3 | 4 | 1 | 0 |
| | 1730 | 22 | 1007.4 | 1005.0 | +1.7 | 30.2 | 25.7 | 23.7 | 29.5 | 69 | - 3 | 3.0 | -2.2 | 11.0 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 5 | 4 | 21 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1006.3 | 934.5 | +1.2 | 28.9 | 18.8 | 11.5 | 14.3 | 39 | -12 | 3.3 | -0.2 | 25.2 | 0 | 24 | 7 | 02 | 2 | 1 | 2 | 0 | 2 | 8 | 14 | 0 | 0 |
| | 1730 | 664 | 1000.1 | 930.6 | +1.5 | 36.1 | 20.3 | 9.0 | 12.2 | 26 | - 4 | 3.9 | -1.1 | 16.8 | 0 | 12 | 19 | 03 | 2 | 2 | 0 | 0 | 2 | 8 | 14 | 0 | 0 |
| Gulbarga | 0830 | 458 | 1007.3 | 957.0 | +0.4 | 28.5 | 20.6 | 15.9 | 18.5 | 50 | + 3 | 2.8 | -0.4 | 13.3 | 0 | 5 | 26 | 03 | 1 | 2 | 1 | 1 | 0 | 13 | 10 | 0 | 0 |
| | 1730 | 458 | 1000.8 | 952.2 | +1.4 | 38.0 | 21.1 | 9.7 | 12.6 | 22 | - 4 | 3.8 | -1.0 | 12.4 | 0 | 1 | 30 | 01 | 1 | 2 | 0 | 2 | 1 | 14 | 10 | 0 | 0 |
| Bijapur | 0830 | 594 | 1007.5 | 942.5 | +0.6 | 25.3 | 22.2 | 20.4 | 24.4 | 75 | +17 | 2.3 | -1.1 | 5.2 | 0 | 0 | 29 | 02 | 0 | 1 | 1 | 2 | 4 | 14 | 5 | 2 | 0 |
| | 1730 | 594 | 1001.5 | 938.8 | +1.5 | 36.2 | 25.2 | 19.9 | 24.0 | 44 | +16 | 3.1 | -1.6 | 3.6 | 0 | 0 | 31 | 04 | 1 | 2 | 2 | 1 | 3 | 12 | 6 | 0 | 0 |
| Raichur | 0830 | 400 | 1007.8 | 963.8 | +1.2 | 28.9 | 22.3 | 18.7 | 21.6 | 54 | - 6 | 3.6 | +0.3 | 12.3 | 0 | 6 | 24 | 00 | 2 | 0 | 0 | 0 | 10 | 0 | 11 | 1 | 7 |
| | 1730 | 400 | 1001.1 | 958.7 | +1.2 | 38.1 | 22.7 | 11.8 | 15.1 | 25 | - 8 | 3.7 | -0.5 | 10.1 | 0 | 3 | 27 | 00 | 8 | 0 | 2 | 0 | 4 | 0 | 16 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum | 0830 | 753 | 1009.5 | 927.1 | +1.1 | 23.8 | 21.3 | 20.1 | 23.5 | 79 | + 1 | 3.5 | +0.3 | 4.1 | 0 | 0 | 21 | 01 | 0 | 1 | 1 | 0 | 0 | 15 | 3 | 10 | 0 |
| | 1730 | 753 | 1005.3 | 924.5 | +1.5 | 28.5 | 23.6 | 21.5 | 25.6 | 67 | + 9 | 2.9 | -0.5 | 7.9 | 0 | 0 | 31 | 00 | 0 | 2 | 0 | 1 | 6 | 21 | 1 | 0 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1008.0 | 925.6 | .. | 20.9 | 19.8 | 19.2 | 22.4 | 90 | .. | 2.8 | .. | 10.1 | 0 | 4 | 21 | 00 | 1 | 0 | 0 | 2 | 4 | 15 | 3 | 6 | 0 |
| | 0830 | 747 | 1009.2 | 927.3 | +1.3 | 23.6 | 20.6 | 19.1 | 22.1 | 76 | + 2 | 4.4 | -0.1 | 16.4 | 0 | 12 | 18 | 00 | 2 | 0 | 0 | 1 | 5 | 16 | 6 | 1 | 0 |
| | 1130 | 747 | 1007.9 | 927.4 | .. | 28.4 | 21.2 | 17.1 | 19.9 | 53 | .. | 3.7 | .. | 17.4 | 0 | 13 | 18 | 00 | 2 | 1 | 0 | 1 | 2 | 19 | 6 | 0 | 0 |
| | 1430 | 747 | 1005.1 | 925.4 | .. | 30.8 | 21.8 | 16.9 | 19.5 | 46 | .. | 4.0 | .. | 19.5 | 0 | 19 | 12 | 01 | 2 | 0 | 0 | 0 | 9 | 16 | 3 | 0 | 0 |
| | 1730 | 747 | 1004.8 | 924.7 | +1.7 | 29.0 | 22.1 | 18.6 | 21.6 | 56 | - 3 | 3.4 | -1.3 | 22.3 | 0 | 24 | 7 | 00 | 1 | 1 | 1 | 0 | 8 | 18 | 2 | 0 | 0 |
| | 2030 | 747 | 1007.7 | 926.3 | .. | 24.6 | 21.6 | 20.1 | 23.5 | 77 | .. | 2.5 | .. | 16.7 | 0 | 12 | 19 | 00 | 1 | 1 | 0 | 0 | 4 | 24 | 1 | 0 | 0 |
| Gadag | 0530 | 650 | 1007.9 | 936.0 | .. | 21.8 | 20.7 | 20.2 | 23.7 | 91 | .. | 2.8 | .. | 11.3 | 0 | 2 | 28 | 00 | 1 | 0 | 0 | 3 | 7 | 19 | 0 | 1 | 0 |
| | 0830 | 650 | 1009.1 | 937.6 | +1.0 | 24.1 | 21.5 | 20.2 | 23.7 | 80 | + 2 | 3.8 | -0.4 | 9.7 | 0 | 0 | 31 | 01 | 0 | 1 | 2 | 0 | 17 | 5 | 5 | 0 | 0 |
| | 1130 | 650 | 1007.4 | 937.4 | .. | 30.5 | 22.3 | 18.0 | 20.9 | 49 | .. | 2.8 | .. | 11.6 | 0 | 2 | 29 | 01 | 2 | 0 | 1 | 1 | 3 | 21 | 1 | 0 | 1 |
| | 1430 | 650 | 1003.8 | 934.9 | .. | 34.0 | 22.5 | 16.3 | 18.8 | 38 | .. | 3.8 | .. | 11.3 | 0 | 3 | 26 | 00 | 3 | 0 | 0 | 1 | 1 | 16 | 6 | 2 | 2 |
| | 1730 | 650 | 1003.7 | 934.1 | +1.7 | 33.3 | 22.6 | 16.6 | 19.5 | 40 | - 9 | 4.2 | -0.6 | 8.8 | 0 | 0 | 31 | 00 | 3 | 0 | 0 | 0 | 11 | 7 | 10 | 0 | 0 |
| | 2030 | 650 | 1006.7 | 936.1 | .. | 27.4 | 22.6 | 20.2 | 23.8 | 67 | .. | 2.2 | .. | 16.6 | 0 | 10 | 21 | 00 | 1 | 0 | 1 | 1 | 7 | 21 | 0 | 0 | 0 |
| | 2330 | 650 | 1008.5 | 937.0 | .. | 24.1 | 21.7 | 20.7 | 24.1 | 82 | .. | 1.9 | .. | 17.0 | 0 | 12 | 19 | 00 | 2 | 0 | 1 | 0 | 5 | 23 | 0 | 0 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1008.0 | 958.5 | +1.2 | 27.8 | 21.8 | 18.2 | 21.1 | 57 | - 1 | 1.7 | -2.5 | 9.0 | 0 | 4 | 21 | 00 | 0 | 2 | 0 | 0 | 0 | 10 | 13 | 6 | 0 |
| | 1730 | 449 | 1002.0 | 954.1 | +1.5 | 36.8 | 23.5 | 15.6 | 18.1 | 31 | - 2 | 2.6 | -2.0 | 10.1 | 0 | 3 | 28 | 03 | 0 | 1 | 0 | 0 | 0 | 19 | 8 | 0 | 0 |
| Chitradurga | 0830 | 733 | 1008.7 | 928.5 | +0.9 | 23.8 | 20.8 | 19.3 | 22.4 | 76 | + 1 | 3.6 | -1.3 | 12.9 | 0 | 3 | 28 | 00 | 0 | 2 | 0 | 0 | 4 | 25 | 0 | 0 | 0 |
| | 1730 | 733 | 1002.6 | 925.1 | +1.3 | 32.7 | 22.1 | 16.4 | 18.8 | 40 | + 1 | 3.0 | -1.8 | 9.3 | 0 | 0 | 31 | 00 | 0 | 2 | 0 | 0 | 1 | 24 | 4 | 0 | 0 |
| Shimoga | 0830 | 571 | 1008.9 | 946.0 | +0.9 | 24.9 | 21.5 | 19.6 | 23.1 | 73 | - 5 | 6.3 | +1.2 | 4.8 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 8 | 19 | 1 | 2 | 0 |
| | 1730 | 571 | 1004.5 | 942.9 | +1.5 | 30.2 | 23.2 | 19.4 | 23.2 | 56 | - 1 | 5.2 | +0.2 | 6.9 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 1 | 11 | 15 | 3 | 0 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 23.0 | 22.1 | 21.6 | 25.9 | 92 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 23.2 | 20.5 | 19.1 | 22.1 | 78 | -10 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1508.1 | 905.6 | +1.1 | 22.3 | 19.8 | 18.5 | 21.3 | 79 | - 1 | 4.3 | -0.3 | 4.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 |
| | 1730 | 960 | 1487.5 | 902.4 | +1.1 | 28.4 | 21.8 | 18.5 | 21.3 | 56 | - 8 | 4.6 | -1.2 | 4.3 | 0 | 0 | 31 | 03 | 0 | 0 | 0 | 0 | 9 | 19 | 0 | 0 | 0 |
| Bangalore | 0230 | 921 | 1491.9 | 907.9 | .. | 22.9 | 20.6 | 19.4 | 22.7 | 82 | .. | 2.3 | .. | 10.7 | 0 | 2 | 27 | 01 | 1 | 0 | 0 | 1 | 12 | 14 | 0 | 2 | 0 |
| | 0830 | 921 | 1509.9 | 909.7 | +1.5 | 23.7 | 20.8 | 19.3 | 22.4 | 77 | + 2 | 4.5 | -0.5 | 9.5 | 0 | 2 | 28 | 01 | 0 | 0 | 1 | 1 | 6 | 18 | 3 | 1 | 0 |
| | 1130 | 921 | 1516.4 | 909.3 | .. | 28.8 | 21.7 | 18.1 | 20.8 | 54 | .. | 3.9 | .. | 10.6 | 0 | 2 | 28 | 01 | 1 | 0 | 0 | 3 | 4 | 12 | 9 | 1 | 0 |
| | 1430 | 921 | 1502.2 | 907.3 | .. | 31.8 | 22.1 | 16.9 | 19.5 | 43 | .. | 4.8 | .. | 8.7 | 0 | 2 | 27 | 02 | 1 | 0 | 0 | 3 | 2 | 11 | 10 | 2 | 0 |
| | 1730 | 921 | 1493.1 | 906.4 | +1.7 | 31.5 | 21.6 | 16.2 | 18.5 | 41 | - 5 | 5.0 | -0.7 | 7.3 | 0 | 1 | 26 | 04 | 1 | 0 | 0 | 0 | 3 | 5 | 14 | 4 | 0 |
| | 2030 | 921 | 1499.8 | 908.0 | .. | 26.7 | 21.0 | 17.8 | 20.8 | 59 | .. | 2.6 | .. | 4.9 | 0 | 0 | 19 | 04 | 1 | 0 | 0 | 1 | 5 | 3 | 5 | 12 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1485.0 | 909.7 | .. | 21.6 | 20.3 | 19.7 | 22.9 | 89 | .. | 4.1 | .. | 17.2 | 0 | 8 | 23 | 01 | 0 | 0 | 0 | 1 | 5 | 22 | 2 | 0 | 0 |
| | 0830 | 897 | 1503.5 | 911.6 | +1.2 | 23.6 | 20.9 | 19.5 | 22.7 | 75 | + 0 | 4.2 | -0.8 | 18.8 | 0 | 10 | 21 | 02 | 0 | 0 | 1 | 0 | 0 | 26 | 2 | 0 | 0 |
| | 1130 | 897 | 1508.7 | 911.2 | .. | 28.3 | 21.5 | 18.0 | 20.6 | 55 | .. | 3.4 | .. | 19.8 | 0 | 16 | 15 | 01 | 1 | 0 | 0 | 1 | 2 | 18 | 8 | 0 | 0 |
| | 1730 | 897 | 1484.7 | 908.0 | +1.0 | 31.3 | 21.4 | 16.1 | 18.3 | 41 | - 8 | 4.4 | -1.7 | 13.4 | 0 | 5 | 24 | 01 | 1 | 0 | 1 | 1 | 3 | 9 | 13 | 2 | 0 |
| | 2330 | 897 | 1498.7 | 910.8 | .. | 25.1 | 21.8 | 20.2 | 23.8 | 75 | .. | 3.2 | .. | 15.5 | 0 | 11 | 16 | 00 | 0 | 1 | 1 | 0 | 4 | 19 | 2 | 4 | 0 |
| Mysore | 0830 | 767 | 1009.3 | 925.6 | +1.0 | 24.4 | 20.8 | 18.8 | 22.0 | 71 | - 8 | 3.4 | -1.5 | 5.7 | 0 | 0 | 31 | 03 | 1 | 0 | 5 | 7 | 7 | 4 | 4 | 0 | 0 |
| | 1730 | 767 | 1004.4 | 922.7 | +1.5 | 30.0 | 21.9 | 17.7 | 20.2 | 49 | - 2 | 4.7 | -0.8 | 5.6 | 0 | 0 | 31 | 04 | 2 | 0 | 0 | 9 | 9 | 3 | 4 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1009.1 | 1008.5 | .. | 26.3 | 25.1 | 24.6 | 30.9 | 90 | .. | 4.6 | .. | 3.5 | 0 | 1 | 14 | 03 | 2 | 4 | 1 | 0 | 0 | 2 | 3 | 16 | 0 |
| | 0830 | 5 | 1010.6 | 1010.0 | +1.8 | 29.0 | 26.2 | 25.0 | 31.7 | 79 | - 2 | 3.8 | -1.8 | 4.8 | 0 | 1 | 15 | 00 | 0 | 1 | 0 | 0 | 0 | 5 | 10 | 15 | 0 |
| | 1130 | 5 | 1010.7 | 1010.1 | .. | 31.3 | 27.3 | 25.6 | 33.0 | 72 | .. | 3.5 | .. | 5.2 | 0 | 0 | 28 | 01 | 0 | 0 | 0 | 2 | 2 | 13 | 10 | 3 | 0 |
| | 1730 | 5 | 1008.2 | 1007.6 | +2.2 | 30.3 | 27.6 | 26.5 | 34.6 | 80 | + 4 | 3.7 | -2.0 | 6.2 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 0 | 2 | 9 | 18 | 2 | 0 |
| | 2330 | 5 | 1009.7 | 1009.1 | .. | 28.6 | 26.8 | 26.0 | 33.8 | 86 | .. | 4.2 | .. | 10.3 | 0 | 2 | 28 | 06 | 0 | 0 | 1 | 0 | 0 | 5 | 18 | 1 | 0 |
| Palghat | 0830 | 97 | 1010.1 | 999.1 | +1.5 | 27.9 | 24.9 | 23.5 | 28.9 | 77 | - 4 | 4.2 | -0.9 | 9.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| | 1730 | 97 | 1006.5 | 995.7 | +1.4 | 31.7 | 24.6 | 21.0 | 25.0 | 54 | -15 | 3.9 | -1.9 | 12.5 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1010.3 | 1010.0 | +1.2 | 29.3 | 25.9 | 24.4 | 30.2 | 75 | - 6 | 6.6 | +0.3 | 7.4 | 0 | 0 | 27 | 03 | 6 | 5 | 2 | 0 | 1 | 5 | 5 | 4 | 0 |
| | 1730 | 3 | 1008.0 | 1007.0 | +1.0 | 29.6 | 26.2 | 24.8 | 31.3 | 75 | - 3 | 5.8 | -0.5 | 12.1 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 2 | 13 | 16 | 0 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1009.0 | 1008.7 | .. | 27.3 | 25.6 | 24.9 | 31.5 | 87 | .. | 5.2 | .. | 4.0 | 0 | 0 | 14 | 00 | 1 | 3 | 0 | 1 | 0 | 3 | 6 | 17 | 0 |
| | 0530 | 3 | 1008.9 | 1008.6 | .. | 26.5 | 25.0 | 24.4 | 30.7 | 88 | .. | 5.5 | .. | 2.8 | 0 | 0 | 14 | 00 | 3 | 4 | 0 | 1 | 0 | 1 | 5 | 17 | 0 |
| | 0830 | 3 | 1010.6 | 1010.3 | .. | 28.9 | 26.0 | 24.7 | 30.9 | 78 | .. | 5.1 | .. | 6.2 | 0 | 0 | 20 | 02 | 2 | 8 | 2 | 0 | 1 | 2 | 3 | 11 | 0 |
| | 1130 | 3 | 1010.6 | 1010.3 | .. | 31.4 | 26.4 | 24.2 | 28.3 | 66 | .. | 5.3 | .. | 15.4 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 4 | 15 | 12 | 0 | 0 |
| | 1730 | 3 | 1007.9 | 1007.6 | .. | 30.3 | 26.9 | 25.4 | 32.6 | 76 | .. | 5.4 | .. | 16.3 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 11 | 0 | 0 |
| | 2330 | 3 | 1010.6 | 1010.3 | .. | 28.2 | 26.1 | 25.2 | 32.2 | 84 | .. | 4.6 | .. | 5.3 | 0 | 0 | 18 | 00 | 0 | 1 | 0 | 1 | 1 | 8 | 7 | 13 | 0 |
| Alleppey | 0830 | 4 | 1010.7 | 1010.3 | +2.1 | 29.0 | 26.4 | 25.3 | 32.2 | 81 | - 2 | 4.9 | -1.6 | 7.5 | 0 | 1 | 30 | 01 | 17 | 1 | 6 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 1730 | 4 | 1008.8 | 1008.4 | +2.7 | 30.7 | 27.1 | 25.6 | 32.8 | 75 | - 3 | 3.7 | -2.7 | 23.5 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 |
| Punalur | 0830 | 34 | 1010.7 | 1006.9 | +2.2 | 27.4 | 25.0 | 23.9 | 29.7 | 81 | -10 | 4.9 | -0.5 | 0.5 | 0 | 0 | 6 | 00 | 2 | 1 | 0 | 0 | 0 | 1 | 2 | 25 | 0 |
| | 1730 | 34 | 1007.3 | 1003.5 | +1.3 | 32.0 | 25.5 | 22.5 | 27.3 | 58 | -19 | 6.0 | -0.2 | 4.4 | 0 | 0 | 27 | 00 | 0 | 0 | 1 | 1 | 7 | 12 | 6 | 4 | 0 |
| Trivandrum | 0230 | 64 | 1008.7 | 1001.4 | .. | 26.3 | 24.8 | 24.1 | 30.0 | 88 | .. | 3.1 | .. | 4.9 | 0 | 0 | 19 | 04 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KERALA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trivandrum - contd. | 0530 | 64 | 1008.8 | 1001.5 | .. | 25.9 | 24.6 | 24.0 | 30.0 | 89 | .. | 3.3 | .. | 7.3 | 0 | 0 | 28 | 07 | 4 | 0 | 0 | 0 | 0 | 0 | 17 | 3 | 0 |
| | 0830 | 64 | 1010.4 | 1003.1 | +1.3 | 28.1 | 25.3 | 24.1 | 30.0 | 79 | - 5 | 4.6 | -0.8 | 9.9 | 0 | 2 | 29 | 10 | 3 | 0 | 0 | 0 | 0 | 2 | 16 | 0 | 0 |
| | 1130 | 64 | 1009.9 | 1002.8 | .. | 31.3 | 25.6 | 23.0 | 28.3 | 62 | .. | 5.5 | .. | 16.3 | 0 | 8 | 23 | 01 | 0 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | 0 |
| | 1430 | 64 | 1007.9 | 1000.7 | .. | 31.5 | 25.7 | 23.1 | 28.3 | 62 | .. | 5.2 | .. | 23.3 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 14 | 17 | 0 | 0 |
| | 1730 | 64 | 1007.7 | 1000.5 | +1.3 | 30.1 | 25.5 | 23.3 | 28.9 | 68 | - 9 | 5.3 | -0.7 | 19.5 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 0 |
| | 2030 | 64 | 1009.9 | 1002.6 | .. | 28.1 | 25.2 | 24.0 | 29.3 | 79 | .. | 4.1 | .. | 11.6 | 0 | 3 | 28 | 01 | 0 | 0 | 0 | 0 | 0 | 6 | 24 | 0 | 0 |
| | 2330 | 64 | 1010.5 | 1003.2 | .. | 27.2 | 25.1 | 24.2 | 30.0 | 83 | .. | 4.0 | .. | 10.8 | 0 | 4 | 27 | 09 | 1 | 0 | 0 | 1 | 0 | 0 | 20 | 0 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1010.7 | 1009.8 | +2.0 | 29.3 | 25.6 | 23.9 | 29.7 | 73 | - 9 | 5.1 | -0.8 | 22.1 | 0 | 19 | 12 | 15 | 1 | 0 | 0 | 0 | 0 | 1 | 12 | 0 | 2 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1008.1 | 1007.7 | .. | 28.2 | 26.8 | 26.3 | 34.0 | 89 | .. | 4.0 | .. | 20.3 | 0 | 16 | 13 | 02 | 0 | 0 | 0 | 0 | 1 | 12 | 14 | 2 | 0 |
| | 0830 | 4 | 1009.9 | 1009.5 | +1.0 | 29.3 | 27.1 | 26.7 | 35.0 | 86 | +11 | 4.5 | -0.4 | 20.1 | 0 | 17 | 13 | 05 | 0 | 0 | 0 | 0 | 1 | 9 | 15 | 1 | 0 |
| | 1130 | 4 | 1010.3 | 1009.9 | .. | 31.2 | 28.5 | 27.5 | 36.7 | 81 | .. | 4.6 | .. | 19.4 | 0 | 12 | 19 | 03 | 1 | 0 | 0 | 0 | 2 | 12 | 13 | 0 | 0 |
| | 1730 | 4 | 1007.5 | 1007.1 | .. | 30.7 | 28.4 | 27.5 | 36.7 | 83 | .. | 4.6 | .. | 20.4 | 0 | 15 | 16 | 03 | 1 | 1 | 0 | 0 | 1 | 9 | 16 | 0 | 0 |
| | 2330 | 4 | 1009.9 | 1009.4 | .. | 28.7 | 27.2 | 26.6 | 34.8 | 88 | .. | 4.0 | .. | 19.3 | 0 | 15 | 16 | 03 | 0 | 1 | 0 | 0 | 2 | 10 | 15 | 0 | 0 |
| Agatti | 0830 | 4 | 1010.1 | 1009.6 | .. | 29.1 | 26.0 | 24.6 | 37.1 | 77 | .. | 5.5 | .. | 14.5 | 0 | 9 | 22 | 03 | 1 | 0 | 0 | 0 | 3 | 6 | 18 | 0 | 0 |
| | 1730 | 4 | 1008.3 | 1007.9 | .. | 30.0 | 26.6 | 25.2 | 32.1 | 76 | .. | 5.9 | .. | 13.7 | 0 | 7 | 24 | 01 | 1 | 0 | 1 | 0 | 1 | 6 | 21 | 0 | 0 |
| Androth | 0830 | 5 | 1010.5 | 1010.0 | .. | 29.6 | 26.1 | 24.7 | 31.1 | 75 | .. | 4.7 | .. | 6.5 | 0 | 0 | 30 | 05 | 2 | 0 | 0 | 1 | 1 | 4 | 14 | 1 | 3 |
| | 1730 | 5 | 1008.3 | 1007.8 | .. | 30.4 | 26.5 | 25.5 | 31.5 | 73 | .. | 4.3 | .. | 7.8 | 0 | 0 | 29 | 01 | 1 | 0 | 0 | 0 | 2 | 2 | 23 | 2 | 0 |
| Minicoy | 0530 | 2 | 1009.1 | 1008.9 | .. | 27.8 | 24.7 | 23.3 | 28.6 | 76 | .. | 5.0 | .. | 9.0 | 0 | 6 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 16 | 8 | 7 | 0 |
| | 0830 | 2 | 1011.1 | 1010.9 | +1.7 | 29.4 | 25.5 | 23.7 | 29.3 | 71 | - 6 | 4.9 | -0.6 | 9.7 | 0 | 3 | 24 | 01 | 0 | 0 | 0 | 0 | 0 | 11 | 15 | 4 | 0 |
| | 1130 | 2 | 1011.4 | 1011.2 | .. | 30.9 | 26.1 | 24.0 | 29.8 | 67 | .. | 5.3 | .. | 12.5 | 0 | 4 | 26 | 01 | 1 | 0 | 0 | 0 | 2 | 11 | 15 | 1 | 0 |
| | 1430 | 2 | 1009.5 | 1009.3 | .. | 30.9 | 25.8 | 23.5 | 28.9 | 65 | .. | 5.8 | .. | 11.2 | 0 | 4 | 24 | 03 | 0 | 1 | 0 | 0 | 1 | 10 | 13 | 3 | 0 |
| | 1730 | 2 | 1008.9 | 1008.7 | +2.0 | 30.1 | 25.6 | 23.6 | 29.3 | 69 | - 8 | 5.8 | -0.2 | 10.5 | 0 | 1 | 27 | 03 | 0 | 0 | 0 | 1 | 2 | 13 | 9 | 3 | 0 |
| | 2030 | 2 | 1010.4 | 1010.2 | .. | 28.6 | 25.2 | 23.6 | 29.3 | 75 | .. | 4.2 | .. | 10.8 | 0 | 7 | 18 | 01 | 0 | 0 | 0 | 0 | 0 | 13 | 11 | 6 | 0 |
| | 2330 | 2 | 1011.1 | 1010.9 | .. | 28.3 | 25.0 | 23.5 | 28.9 | 76 | .. | 4.3 | .. | 10.8 | 0 | 4 | 24 | 03 | 0 | 0 | 0 | 0 | 1 | 14 | 10 | 3 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1415.6 | 798.5 | +1.0 | 19.8 | 12.9 | 7.8 | 10.6 | 50 | - 9 | 1.5 | -0.2 | 1.5 | 0 | 0 | 12 | 00 | 7 | 0 | 1 | 0 | 0 | 0 | 1 | 19 | 3 |
| | 1730 | 1959 | 1402.1 | 797.7 | +0.4 | 22.8 | 15.8 | 11.2 | 13.2 | 50 | - 4 | 0.9 | -1.3 | 0.6 | 0 | 0 | 6 | 00 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Dharmsala | 0830 | 1211 | 1506.0 | 879.3 | +0.1 | 26.6 | 15.2 | 5.5 | 9.3 | 27 | -10 | 2.7 | +0.5 | 2.3 | 0 | 0 | 28 | 03 | 12 | 2 | 3 | 1 | 0 | 3 | 4 | 3 | 0 |
| | 1730 | 1211 | 1486.5 | 876.1 | -1.8 | 29.1 | 16.1 | 4.7 | 8.5 | 26 | - 5 | 3.0 | +0.2 | 2.6 | 0 | 0 | 30 | 01 | 7 | 0 | 3 | 0 | 15 | 3 | 1 | 1 | 0 |
| Bhuntar | 0830 | 1096 | 1480.8 | 889.3 | .. | 17.9 | 13.2 | 9.4 | 11.8 | 59 | .. | 2.2 | .. | 4.7 | 0 | 1 | 25 | 15 | 1 | 3 | 1 | 1 | 0 | 1 | 3 | 5 | 1 |
| | 1730 | 1096 | 1452.9 | 885.1 | .. | 28.5 | 16.2 | 6.4 | 9.6 | 28 | .. | 2.7 | .. | 9.3 | 0 | 3 | 23 | 07 | 0 | 1 | 0 | 2 | 4 | 4 | 8 | 5 | 0 |
| Simla | 0830 | 2202 | 1456.9 | 780.5 | +0.0 | 20.6 | 10.4 | - 0.5 | 5.9 | 27 | - 7 | 1.2 | -0.8 | 1.1 | 0 | 0 | 16 | 00 | 4 | 0 | 4 | 3 | 4 | 0 | 1 | 15 | 0 |
| | 1730 | 2202 | 1446.8 | 779.9 | +0.5 | 22.2 | 12.3 | 2.9 | 7.5 | 32 | - 3 | 1.5 | -1.7 | 1.2 | 0 | 0 | 18 | 01 | 3 | 0 | 0 | 2 | 7 | 0 | 5 | 13 | 0 |
| Lokpal | 0830 | | .. | .. | .. | 26.8 | 22.8 | 21.1 | 25.0 | 72 | + 0 | 0.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 808.9 | + 0.3 | 19.2 | 10.8 | 2.9 | 7.5 | 26 | -14 | 1.2 | -0.6 | 7.9 | 0 | 0 | 31 | 00 | 2 | 27 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | | .. | 806.4 | - 0.2 | 24.2 | 12.1 | 3.1 | 7.6 | 29 | - 6 | 4.4 | -0.8 | 5.4 | 0 | 0 | 31 | 08 | 7 | 7 | 2 | 3 | 2 | 2 | 0 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1453.8 | 794.7 | -1.4 | 21.0 | 11.6 | 3.1 | 7.6 | 33 | -13 | 1.1 | -1.0 | 1.1 | 0 | 0 | 13 | 04 | 1 | 0 | 2 | 3 | 1 | 0 | 2 | 18 | 0 |
| | 1730 | 2042 | 1437.9 | 793.6 | -1.3 | 22.7 | 12.1 | 1.8 | 6.9 | 29 | -14 | 1.8 | -1.9 | 3.8 | 0 | 0 | 26 | 05 | 1 | 0 | 1 | 9 | 7 | 0 | 3 | 5 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3139.5 | 771.8 | +0.4 | 18.6 | 10.0 | 0.9 | 6.5 | 35 | - 8 | 1.3 | -0.4 | 9.3 | 0 | 4 | 26 | 00 | 1 | 3 | 1 | 1 | 4 | 13 | 7 | 1 | 0 |
| | 1730 | 2311 | 3128.8 | 770.3 | +1.0 | 20.9 | 11.5 | 2.2 | 7.2 | 34 | - 9 | 1.8 | -1.1 | 23.4 | 0 | 22 | 9 | 00 | 1 | 1 | 0 | 1 | 5 | 17 | 6 | 0 | 0 |
| Nainital | 0830 | 1953 | 1456.5 | 803.2 | +0.6 | 21.9 | 13.7 | 4.4 | 8.4 | 36 | - 7 | 1.4 | -0.4 | 6.5 | 0 | 1 | 20 | 00 | 4 | 6 | 6 | 0 | 0 | 2 | 3 | 10 | 0 |
| | 1730 | 1953 | 1439.6 | 801.5 | +0.6 | 21.6 | 13.9 | 6.1 | 9.4 | 42 | + 1 | 1.4 | -0.4 | 6.1 | 0 | 0 | 31 | 05 | 1 | 3 | 2 | 3 | 1 | 16 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1482.0 | 877.3 | +0.6 | 23.8 | 20.5 | 18.8 | 21.7 | 74 | - 8 | 2.0 | -1.8 | 4.6 | 0 | 0 | 31 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 28 | 0 | 0 |
| | 1730 | 1209 | 1461.1 | 874.9 | +1.0 | 25.5 | 21.5 | 19.5 | 22.7 | 69 | -14 | 1.0 | -3.2 | 5.0 | 0 | 0 | 31 | 00 | 4 | 0 | 24 | 0 | 0 | 0 | 3 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1485.7 | 789.3 | -0.4 | 17.7 | 14.7 | 12.8 | 14.8 | 75 | - 7 | 5.6 | -0.3 | 1.5 | 0 | 0 | 10 | 04 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 21 | 0 |
| | 1730 | 2128 | 1459.7 | 786.7 | -0.5 | 16.9 | 14.4 | 12.8 | 14.8 | 79 | - 2 | 5.9 | -0.5 | 3.7 | 0 | 0 | 18 | 01 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 13 | 0 |
| Kohima | 0830 | 1406 | 1569.4 | 866.3 | +5.7 | 21.7 | 18.4 | 16.5 | 18.8 | 72 | - 4 | 5.0 | -1.3 | 2.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| | 1730 | 1406 | 1518.8 | 861.1 | +2.6 | 23.7 | 20.7 | 19.2 | 22.2 | 77 | + 0 | 6.1 | +1.2 | 2.4 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 4 | 0 |
| Shillong (C.S.O.) | 0830 | 1598 | 1473.6 | 838.1 | +1.3 | 21.1 | 16.5 | 13.7 | 15.9 | 65 | - 3 | 4.9 | -0.6 | 3.3 | 0 | 0 | 18 | 02 | 0 | 0 | 1 | 3 | 8 | 4 | 0 | 13 | 0 |
| | 1730 | 1598 | 1444.5 | 835.3 | +1.5 | 21.1 | 17.6 | 15.5 | 17.6 | 72 | - 3 | 4.4 | -1.3 | 2.8 | 0 | 0 | 15 | 00 | 0 | 0 | 1 | 3 | 5 | 6 | 0 | 16 | 0 |
| Cherrapunji | 0830 | 1313 | 1488.6 | 867.5 | +0.8 | 20.8 | 18.7 | 17.6 | 20.1 | 82 | - 2 | 5.1 | +0.1 | 3.9 | 0 | 0 | 31 | 00 | 10 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1462.9 | 864.9 | +1.0 | 20.8 | 18.5 | 17.2 | 19.6 | 81 | - 7 | 4.3 | -0.9 | 2.9 | 0 | 0 | 29 | 00 | 1 | 0 | 1 | 0 | 27 | 0 | 0 | 2 | 0 |
| Abu | 0830 | 1195 | - - | --- | --- | 26.3 | 14.2 | 2.0 | 7.1 | 23 | -13 | 0.5 | -0.2 | 5.4 | 0 | 0 | 21 | 02 | 1 | 0 | 0 | 3 | 9 | 6 | 0 | 10 | 0 |
| | 1730 | 1195 | 1480.3 | 877.8 | +0.9 | 30.4 | 16.8 | 3.8 | 8.0 | 22 | - 8 | 0.5 | -0.6 | 9.4 | 0 | 7 | 18 | 02 | 1 | 0 | 0 | 4 | 10 | 8 | 0 | 6 | 0 |
| Aizal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1498.5 | 892.0 | +0.9 | 27.2 | 17.2 | 8.9 | 12.3 | 36 | + 3 | 1.3 | -1.7 | 5.6 | 0 | 0 | 30 | 01 | 6 | 1 | 1 | 0 | 0 | 8 | 13 | 1 | 0 |
| | 1730 | 1075 | 1477.4 | 889.1 | +1.0 | 33.1 | 18.0 | 4.9 | 9.6 | 22 | - 1 | 2.7 | -1.4 | 4.3 | 0 | 0 | 30 | 00 | 3 | 0 | 1 | 1 | 2 | 7 | 16 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mahabaleshwar | 0830 | 1382 | 1505.9 | 862.5 | +0.7 | 20.5 | 15.9 | 11.4 | 14.8 | 66 | + 7 | 3.2 | -0.2 | 12.9 | 0 | 0 | 31 | 00 | 9 | 0 | 0 | 0 | 9 | 0 | 17 | 0 | 0 |
| | 1730 | 1382 | 1488.6 | 860.6 | +0.8 | 25.1 | 19.9 | 17.0 | 19.5 | 63 | - 4 | 2.0 | -1.2 | 10.9 | 0 | 0 | 31 | 00 | 2 | 0 | 1 | 0 | 5 | 0 | 23 | 0 | 0 |
| Mercara | 0830 | 1152 | 1505.8 | 865.8 | +1.2 | 20.4 | 18.8 | 17.9 | 20.5 | 86 | - 2 | 4.2 | -0.5 | 5.7 | 0 | 0 | 31 | 00 | 11 | 11 | 0 | 2 | 1 | 6 | 0 | 0 | 0 |
| | 1730 | 1152 | 1487.3 | 884.0 | +1.4 | 24.2 | 20.8 | 19.1 | 22.1 | 71 | - 9 | 4.3 | -0.7 | 6.6 | 0 | 0 | 31 | 01 | 0 | 1 | 0 | 1 | 1 | 23 | 3 | 0 | 1 |
| Ootacamund | 0830 | 2249 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2249 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Coonoor | 0830 | | .. | .. | .. | 22.8 | 16.9 | 13.4 | 15.5 | 57 | - 5 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3170.0 | 772.0 | +1.0 | 17.9 | 12.4 | 7.9 | 10.9 | 54 | -13 | 4.5 | +0.2 | 8.3 | 0 | 1 | 28 | 02 | 4 | 3 | 3 | 0 | 1 | 5 | 11 | 2 | 0 |
| | 1130 | 2343 | 3179.5 | 772.2 | .. | 20.9 | 14.0 | 9.0 | 11.5 | 48 | .. | 4.7 | .. | 11.9 | 0 | 4 | 25 | 01 | 4 | 4 | 8 | 0 | 0 | 5 | 7 | 2 | 0 |
| | 1730 | 2343 | 3150.9 | 770.4 | +1.1 | 17.4 | 14.3 | 12.2 | 14.3 | 72 | -10 | 6.6 | +0.3 | 8.8 | 0 | 1 | 26 | 06 | 3 | 3 | 4 | 0 | 0 | 2 | 9 | 4 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1468.7 | 864.5 | -1.2 | 21.5 | 16.1 | 12.2 | 14.4 | 56 | - 7 | 2.7 | -0.3 | 0.4 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 27 | 0 |
| | 1130 | 1324 | 1463.5 | 863.6 | .. | 28.3 | 18.2 | 11.0 | 13.6 | 37 | .. | 3.6 | .. | 2.0 | 0 | 0 | 19 | 00 | 1 | 2 | 2 | 1 | 0 | 10 | 3 | 12 | 0 |
| | 1730 | 1324 | 1439.1 | 861.3 | -1.5 | 26.8 | 18.2 | 12.3 | 14.8 | 44 | -11 | 3.5 | -0.9 | 3.9 | 0 | 0 | 26 | 04 | 1 | 0 | 0 | 1 | 1 | 12 | 7 | 5 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 12.7 | 10.3 | 8.3 | 10.9 | 75 | - 1 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 33.2 | 22.3 | 15.7 | 17.8 | 36 | .. | 1.7 | .. | 11.6 | 0 | 3 | 28 | 00 | 0 | 9 | 4 | 2 | 2 | 9 | 5 | 0 | 0 |
| | 1730 | | .. | .. | .. | 37.6 | 22.2 | 12.2 | 14.2 | 22 | .. | 1.3 | .. | 7.8 | 0 | 3 | 27 | 01 | 3 | 2 | 1 | 0 | 1 | 8 | 14 | 1 | 0 |
| Hazaribagh | 0830 | 615 | 1002.0 | 936.2 | .. | 32.1 | 25.9 | 23.1 | 28.3 | 61 | .. | 0.7 | .. | 6.8 | 0 | 2 | 27 | 01 | 2 | 1 | 1 | 3 | 7 | 6 | 8 | 2 | 0 |
| | 1730 | 615 | 998.2 | 933.2 | .. | 35.3 | 27.5 | 24.0 | 29.8 | 53 | .. | 1.7 | .. | 6.3 | 0 | 1 | 26 | 05 | 1 | 1 | 0 | 1 | 1 | 9 | 9 | 4 | 0 |
| Konar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bokaro | 0830 | 242 | 1002.6 | 976.2 | .. | 32.8 | 24.1 | 19.1 | 22.1 | 47 | .. | 1.1 | .. | 6.1 | 0 | 0 | 29 | 03 | 0 | 7 | 5 | 0 | 4 | 5 | 5 | 2 | 0 |
| | 1730 | 242 | 997.0 | 971.2 | .. | 38.6 | 23.9 | 14.8 | 16.8 | 27 | .. | 1.6 | .. | 6.8 | 0 | 0 | 28 | 04 | 0 | 6 | 9 | 0 | 1 | 2 | 6 | 3 | 0 |
| Maithon | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgarh | 0830 | | .. | .. | .. | 35.5 | 23.5 | 16.2 | 18.4 | 35 | .. | 1.4 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 38.8 | 22.9 | 12.3 | 14.2 | 22 | .. | 2.2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 33.1 | 24.6 | 20.0 | 23.4 | 46 | .. | 4.0 | .. | 9.5 | 0 | 3 | 19 | 00 | 0 | 0 | 8 | 0 | 8 | 0 | 6 | 9 | 0 |
| | 1730 | | .. | .. | .. | 37.6 | 28.0 | 14.1 | 16.0 | 25 | .. | 3.1 | .. | 9.0 | 0 | 3 | 19 | 00 | 5 | 0 | 7 | 0 | 3 | 0 | 7 | 9 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 32.0 | 24.8 | 21.3 | 25.3 | 56 | .. | 2.4 | .. | 12.8 | 0 | 5 | 25 | 00 | 2 | 1 | 3 | 11 | 5 | 1 | 7 | 1 | 0 |
| | 1730 | | .. | .. | .. | 36.9 | 25.1 | 19.2 | 22.2 | 38 | .. | 3.4 | .. | 14.0 | 0 | 7 | 22 | 01 | 2 | 0 | 7 | 9 | 1 | 2 | 7 | 2 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 32.9 | 21.7 | 14.5 | 17.7 | 38 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1003.8 | 986.1 | .. | 33.9 | 25.1 | 20.7 | 24.4 | 46 | .. | 1.0 | .. | 4.5 | 0 | 0 | 26 | 01 | 2 | 4 | 3 | 6 | 2 | 5 | 3 | 5 | 0 |
| | 1130 | 159 | 1002.5 | 985.7 | .. | 37.8 | 25.1 | 18.6 | 21.4 | 34 | .. | 1.4 | .. | 4.5 | 0 | 0 | 29 | 03 | 0 | 1 | 0 | 1 | 5 | 15 | 4 | 2 | 0 |
| | 1730 | 159 | 998.5 | 981.3 | .. | 39.6 | 24.2 | 15.5 | 17.6 | 26 | .. | 1.3 | .. | 3.2 | 0 | 0 | 24 | 03 | 0 | 1 | 0 | 2 | 3 | 9 | 6 | 7 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 31.1 | 24.3 | 20.9 | 24.7 | 57 | .. | 2.4 | .. | 1.6 | 0 | 0 | 16 | 01 | 3 | 0 | 4 | 0 | 4 | 0 | 4 | 15 | 0 |
| | 1730 | | .. | .. | .. | 35.5 | 23.8 | 17.5 | 20.0 | 37 | .. | 3.5 | .. | 1.8 | 0 | 0 | 19 | 01 | 2 | 0 | 3 | 1 | 8 | 0 | 4 | 12 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 33.4 | 27.1 | 24.5 | 30.7 | 60 | .. | 0.3 | .. | 4.1 | 0 | 2 | 12 | 01 | 0 | 8 | 0 | 1 | 0 | 4 | 0 | 17 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 33.1 | 21.2 | 12.8 | 15.5 | 32 | .. | . | .. | 9.7 | 0 | 2 | 27 | 01 | 3 | 0 | 2 | 7 | 11 | 2 | 3 | 2 | 0 |
| | 1730 | | .. | .. | .. | 38.7 | 21.8 | 8.9 | 12.3 | 20 | .. | . | .. | 10.5 | 0 | 2 | 28 | 05 | 1 | 0 | 2 | 1 | 8 | 0 | 13 | 1 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 32.1 | 20.6 | 11.5 | 14.9 | 32 | .. | 0.9 | .. | 19.4 | 0 | 19 | 12 | 00 | 2 | 3 | 0 | 1 | 16 | 8 | 1 | 0 | 0 |
| | 1730 | | .. | .. | .. | 39.5 | 21.1 | 5.2 | 10.0 | 16 | .. | 2.0 | .. | 15.9 | 0 | 6 | 25 | 04 | 2 | 2 | 0 | 3 | 4 | 10 | 6 | 0 | 0 |
| Punasa | 0830 | | .. | .. | .. | 31.3 | -- | -- | -- | -- | .. | 0.0 | .. | 14.7 | 0 | 3 | 28 | 01 | 3 | 0 | 0 | 0 | 20 | 7 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 37.4 | -- | -- | -- | -- | .. | 0.0 | .. | 14.8 | 0 | 6 | 25 | 01 | 2 | 0 | 0 | 0 | 10 | 18 | 0 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 31.8 | 21.8 | 15.4 | 17.9 | 39 | .. | 1.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 28.0 | 21.6 | 17.8 | 20.6 | 54 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 34.9 | 23.6 | 17.2 | 19.9 | 36 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 18.2 | 13.2 | 10.0 | 12.5 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 17.7 | 13.5 | 10.9 | 13.2 | 65 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 24.5 | 17.8 | 13.3 | 15.6 | 52 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 28.7 | 21.0 | 16.6 | 19.3 | 50 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | | .. | .. | .. | 23.1 | 19.3 | 17.4 | 20.2 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.9 | 22.7 | 21.7 | 26.3 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 25.4 | 19.0 | 14.9 | 17.3 | 55 | .. | 1.5 | .. | 0.8 | 0 | 0 | 8 | 01 | 0 | 0 | 4 | 1 | 1 | 1 | 0 | 23 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - May 1966 (Vaisakha 11 - Jyaistha 10, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **GANDAK CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pokhara - contd. | 1130 | | .. | .. | .. | 29.1 | 19.9 | 13.9 | 16.7 | 43 | .. | 1.6 | .. | 3.9 | 0 | 0 | 27 | 00 | 0 | 3 | 17 | 6 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | | .. | .. | .. | 28.2 | 19.9 | 14.4 | 17.2 | 50 | .. | 4.1 | .. | 1.8 | 0 | 0 | 16 | 02 | 0 | 2 | 8 | 2 | 1 | 1 | 0 | 15 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 24.4 | 17.9 | 13.2 | 16.1 | 55 | .. | 1.6 | .. | .. | . | .. | .. | 01 | 7 | 0 | 2 | 0 | 13 | 3 | 3 | 2 | 0 |
| | 1130 | | .. | .. | .. | 28.0 | 19.2 | 13.2 | 16.1 | 45 | .. | 1.6 | .. | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 25 | 4 | 1 | 1 | 0 |
| | 1730 | | .. | .. | .. | 27.5 | 18.4 | 11.5 | 14.8 | 43 | .. | 2.9 | .. | .. | . | .. | .. | 00 | 1 | 0 | 2 | 1 | 19 | 7 | 0 | 1 | 0 |
| Nuwakot | 0830 | | .. | .. | .. | 25.5 | 18.2 | 12.9 | 15.8 | 50 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 28.3 | 18.1 | 10.0 | 13.4 | 38 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 22.2 | 15.2 | 9.7 | 11.9 | 48 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.8 | 16.9 | 10.3 | 12.8 | 40 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | .. | .. | .. | 20.9 | 12.9 | 6.1 | 9.7 | 42 | .. | 1.2 | .. | 5.9[b] | 0 | 1 | 29 | 02 | 3 | 10 | 7 | 3 | 3 | 0 | 2 | 1 | 0 |
| | 1130 | | .. | .. | .. | 26.1[k] | 14.1[k] | 4.1[k] | 8.5[k] | 27[k] | .. | 0.9[k] | .. | 6.3[l] | 0 | 0 | 19 | 05 | 1 | 0 | 2 | 0 | 0 | 1 | 10 | 0 | 0 |
| | 1730 | | .. | .. | .. | 23.3 | 14.2 | 7.1 | 10.5 | 39 | .. | 1.8 | .. | 8.7[m] | 0 | 1 | 30 | 02 | 2 | 2 | 2 | 10 | 11 | 1 | 1 | 0 | 0 |
| Sallyana | 0830 | | .. | .. | .. | 25.9 | 16.7 | 9.7 | 12.6 | 38 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 27.0 | 17.0 | 9.6 | 12.6 | 35 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 31.5 | 21.1 | 13.5 | 16.8 | 37 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 36.0 | 22.2 | 12.3 | 15.8 | 28 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | See under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Walungchung Gola | 0830 | | .. | .. | .. | 11.1 | 7.9 | 5.0 | 8.8 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 11.0 | 8.9 | 7.3 | 10.3 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 22.1 | 17.7 | 14.9 | 17.1 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.9 | 17.4 | 13.6 | 15.9 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 22.0 | 16.1 | 11.9 | 14.7 | 58 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.0 | 16.4 | 12.9 | 15.7 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 20.0 | 16.1 | 13.7 | 15.8 | 69 | .. | 4.3 | .. | .. | . | .. | .. | 02 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 25 | 0 |
| | 1130 | | .. | .. | .. | 22.9 | 17.2 | 13.7 | 16.2 | 60 | .. | 4.6 | .. | .. | . | .. | .. | 06 | 0 | 0 | 2 | 5 | 1 | 3 | 1 | 13 | 0 |
| | 1730 | | .. | .. | .. | 21.3 | 16.3 | 13.1 | 15.4 | 62 | .. | 5.2 | .. | .. | . | .. | .. | 00 | 0 | 1 | 8 | 10 | 1 | 0 | 0 | 11 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 20.9 | 15.6 | 11.8 | 14.5 | 60 | .. | 2.3 | .. | 1.4 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 3 | 0 | 1 | 3 | 24 | 0 |
| | 1130 | | .. | .. | .. | 23.5 | 16.5 | 11.6 | 14.3 | 51 | .. | 2.5 | .. | 2.5 | 0 | 0 | 13 | 01 | 0 | 0 | 0 | 2 | 0 | 10 | 0 | 18 | 0 |
| | 1730 | | .. | .. | .. | 21.0 | 15.4 | 10.8 | 13.9 | 58 | .. | 3.6 | .. | 4.9 | 0 | 0 | 20 | 01 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 11 | 0 |
| Chainpur | 0830 | 1329 | .. | .. | .. | 23.1 | 18.4 | 15.5 | 17.8 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1329 | .. | .. | .. | 24.4 | 19.1 | 16.0 | 18.1 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Anghung | 0830 | 1219 | .. | .. | .. | 23.4[c] | 19.5[c] | 17.0[c] | 19.8[c] | 69[c] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1219 | .. | .. | .. | 24.7[c] | 19.3[c] | 15.9[d] | 18.7[d] | 62[d] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1003.8 | 987.6 | .. | 29.6 | 22.4 | 18.3 | 21.4 | 52 | .. | 2.9 | .. | 2.1 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 2 | 10 | 5 | 11 | 2 | 0 |
| | 1130 | 146 | 1003.1 | 987.1 | .. | 33.2 | 24.1 | 19.0 | 22.5 | 46 | .. | 3.5 | .. | 4.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 1 | 15 | 12 | 3 | 0 | 0 |
| | 1730 | 146 | 999.5 | 983.6 | .. | 32.9 | 23.3 | 17.4 | 21.0 | 45 | .. | 3.1 | .. | 2.1 | 0 | 0 | 27 | 00 | 2 | 1 | 1 | 3 | 7 | 10 | 2 | 4 | 1 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1467.8 | 816.9 | .. | 18.3 | 16.1 | 14.8 | 16.9 | 80 | .. | 5.3 | .. | 0.3 | 0 | 0 | 3 | 01 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 1130 | 1812 | 1461.5 | 816.7 | .. | 21.6 | 17.8 | 15.8 | 18.1 | 71 | .. | 5.2 | .. | 3.5 | 0 | 0 | 19 | 01 | 0 | 0 | 1 | 9 | 7 | 1 | 0 | 12 | 0 |
| | 1730 | 1812 | 1439.9 | 814.5 | .. | 19.8 | 17.2 | 15.7 | 17.9 | 78 | .. | 6.7 | .. | 1.5 | 0 | 0 | 11 | 03 | 1 | 1 | 0 | 4 | 2 | 0 | 0 | 20 | 0 |
| Gezing | 0830 | 1524 | .. | .. | .. | 20.5 | 18.1 | 16.8 | 19.3 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 20.7 | 18.1 | 16.7 | 19.1 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 55 stations in India. ut of these, at 40 stations all the observations were taken by means of pilot balloons and at 14 stations some bservations were made by means of pilot balloons while the other observations by the radiowind method. In the ase of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. 'articulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 Km. above mean sea level are given under Table IV and data above 9.0 Km. above mean sea level under Table V.

In Tables IV and V :-

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 Km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 Km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 Km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 Mb. respectively.

| S.No. | Station | Latitude | Longitude | Height of anemometer head a.m.s.l. in metres | Date of opening | Approximate times of flight (I.S.T. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ° ' N | ° ' E | | | | | | |
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | 1130 | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | 1130 | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | 1130 | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar..1937 | 0530 | 1130 | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | 1130 | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May 1944 | 0530 | | 1730 | 2330 |
| 37. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 38. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 39. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May 1959 | 0530 | | 1730 | 2330 |
| 40. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530* | 1130 | 1730* | 2330 |
| 41. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 42. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | |
| 43. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 44. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 45. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 46. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 47. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 48. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 49. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 50. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 51. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 52. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 53. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 54. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radiowind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

SG/

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | | | | | AHMADABAD | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 01.9 | 01.6 | 165 | 31 | 02.5 | 01.3 | 181 | 31 | 01.9 | 01.6 | 167 | 31 | 02.6 | 02.3 | 168 | 31 | 02.5 | 01.8 | 236 | 31 | 03.6 | 01.4 | 214 |
| .15 A.G.L. | 30 | 05.8 | 05.2 | 172 | 31 | 04.9 | 03.1 | 178 | 31 | 05.4 | 04.5 | 173 | 30 | 07.8 | 07.5 | 182 | 31 | 08.2 | 04.7 | 232 | 31 | 05.4 | 02.2 | 219 |
| .3A.M.S.L. | 30 | 07.5 | 06.8 | 192 | 31 | 05.1 | 03.8 | 185 | 31 | 06.0 | 04.9 | 179 | 30 | 08.6 | 08.1 | 192 | 31 | 08.5 | 04.5 | 236 | 31 | 05.7 | 02.3 | 224 |
| .6 ,, | 30 | 08.0 | 07.1 | 203 | 31 | 05.5 | 04.5 | 192 | 31 | 06.7 | 06.2 | 191 | 30 | 08.7 | 07.8 | 201 | 31 | 10.1 | 05.7 | 248 | 31 | 06.1 | 03.0 | 233 |
| .9 ,, | 30 | 08.3 | 06.9 | 216 | 31 | 06.4 | 04.6 | 211 | 31 | 07.0 | 06.3 | 207 | 30 | 08.1 | 06.8 | 210 | 31 | 11.4 | 06.0 | 268 | 31 | 07.1 | 04.0 | 257 |
| 1.5 ,, | 27 | 08.0 | 05.7 | 232 | 28 | 07.2 | 05.9 | 221 | 30 | 06.4 | 05.3 | 237 | 30 | 07.7 | 05.5 | 236 | 31 | 10.9 | 07.8 | 266 | 30 | 07.7 | 05.3 | 268 |
| 2.1 ,, | 24 | 08.9 | 05.8 | 248 | 18 | 07.2 | 04.3 | 247 | 28 | 07.7 | 06.5 | 273 | 26 | 07.4 | 06.0 | 277 | 31 | 09.5 | 06.4 | 262 | 30 | 07.3 | 05.2 | 268 |
| 3.0 ,, | 21 | 08.4 | 06.5 | 278 | 06 | 09.7 | 05.3 | 290 | 28 | 09.7 | 08.7 | 288 | 21 | 08.9 | 07.5 | 291 | 31 | 08.5 | 05.0 | 270 | 29 | 07.2 | 04.5 | 268 |
| 3.6 ,, | 15 | 09.5 | 07.0 | 288 | | | | | 25 | 10.3 | 09.3 | 292 | 07 | 06.1 | 05.1 | 279 | 31 | 08.7 | 03.9 | 264 | 27 | 06.7 | 03.5 | 286 |
| 4.5 ,, | 14 | 11.6 | 08.3 | 290 | | | | | 18 | 09.9 | 09.2 | 294 | 01 | 13.0 | 13.0 | 305 | 31 | 08.6 | 05.4 | 271 | 27 | 06.6 | 04.1 | 290 |
| 5.4 ,, | 09 | 14.8 | 12.0 | 291 | | | | | 17 | 11.2 | 10.8 | 291 | | | | | 31 | 11.0 | 06.8 | 284 | 27 | 07.4 | 05.2 | 285 |
| 6.0 ,, | 09 | 13.3 | 10.2 | 296 | | | | | 16 | 12.8 | 11.5 | 294 | | | | | 30 | 10.5 | 07.4 | 285 | 27 | 08.4 | 06.3 | 276 |
| 7.2 ,, | 06 | 15.5 | 14.1 | 291 | | | | | 13 | 13.0 | 11.9 | 289 | | | | | 30 | 14.0 | 11.4 | 264 | 25 | 12.0 | 10.3 | 266 |
| 9.0 ,, | 02 | 11.5 | 10.5 | 278 | | | | | 09 | 11.4 | 10.5 | 281 | | | | | 29 | 19.2 | 16.6 | 256 | 18 | 16.7 | 15.2 | 256 |

| STATION | AHMADABAD | | | | | | | | ALLAHABAD / BAMHRAULI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 * | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 04.2 | 02.9 | 226 | 31 | 03.1 | 02.3 | 244 | 31 | 00.3 | 00.1 | 245 | 31 | 01.9 | 01.6 | 282 | 31 | 01.7 | 01.1 | 290 | 31 | 00.9 | 00.3 | 348 |
| .15 A.G.L. | 31 | 08.6 | 05.7 | 239 | 31 | 07.7 | 05.1 | 257 | 30 | 07.0 | 03.6 | 282 | 31 | 05.2 | 04.3 | 296 | 31 | 07.1 | 06.3 | 306 | 31 | 08.6 | 03.8 | 347 |
| .3A.M.S.L. | 31 | 08.7 | 05.9 | 239 | 31 | 08.8 | 06.0 | 256 | 30 | 07.2 | 03.8 | 284 | 31 | 05.3 | 04.4 | 296 | 31 | 07.2 | 06.3 | 307 | 31 | 09.0 | 04.3 | 342 |
| .6 ,, | 31 | 08.8 | 06.0 | 238 | 31 | 09.9 | 07.6 | 264 | 30 | 08.1 | 05.5 | 300 | 31 | 06.0 | 05.4 | 297 | 31 | 07.6 | 06.6 | 308 | 31 | 09.1 | 05.4 | 330 |
| .9 ,, | 31 | 09.3 | 05.8 | 246 | 31 | 09.6 | 07.5 | 270 | 30 | 08.8 | 06.9 | 302 | 31 | 06.7 | 06.1 | 296 | 31 | 07.9 | 07.2 | 310 | 30 | 08.3 | 05.5 | 319 |
| 1.5 ,, | 31 | 08.0 | 05.6 | 256 | 31 | 07.9 | 05.9 | 271 | 30 | 09.5 | 08.6 | 297 | 31 | 08.9 | 08.1 | 292 | 31 | 07.8 | 07.4 | 296 | 28 | 09.3 | 08.8 | 303 |
| 2.1 ,, | 31 | 08.3 | 06.4 | 263 | 31 | 05.8 | 04.0 | 275 | 30 | 10.4 | 09.2 | 290 | 30 | 09.9 | 09.2 | 293 | 30 | 08.5 | 08.3 | 296 | 24 | 10.2 | 09.5 | 289 |
| 3.0 ,, | 31 | 08.0 | 05.9 | 274 | 29 | 05.9 | 02.6 | 277 | 29 | 11.8 | 10.4 | 288 | 28 | 11.6 | 10.1 | 292 | 29 | 10.1 | 09.6 | 278 | 17 | 11.7 | 10.6 | 285 |
| 3.6 ,, | 31 | 08.0 | 06.0 | 272 | 08 | 08.6 | 01.7 | 285 | 29 | 11.6 | 10.3 | 285 | 21 | 11.2 | 09.8 | 285 | 29 | 10.9 | 10.2 | 278 | 04 | 08.5 | 07.3 | 313 |
| 4.5 ,, | 31 | 08.5 | 04.2 | 268 | 01 | 07.0 | 07.0 | 310 | 29 | 11.2 | 09.7 | 283 | 20 | 10.9 | 09.9 | 280 | 29 | 12 6 | 10.9 | 280 | | | | |
| 5.4 ,, | 31 | 09.7 | 07.3 | 269 | | | | | 29 | 11.4 | 10.0 | 285 | 17 | 13.5 | 12.3 | 275 | 29 | 13.1 | 11.6 | 280 | | | | |
| 6.0 ,, | 31 | 10.7 | 07.5 | 273 | | | | | 29 | 12.6 | 10.9 | 280 | 17 | 15.3 | 14.2 | 273 | 29 | 13.4 | 12.1 | 279 | | | | |
| 7.2 ,, | 31 | 14.3 | 10.9 | 271 | | | | | 29 | 16.1 | 14.0 | 270 | 10 | 17.7 | 16.6 | 267 | 29 | 16.2 | 15.0 | 271 | | | | |
| 9.0 ,, | 30 | 19.4 | 17.0 | 251 | | | | | 29 | 20.2 | 19.0 | 265 | 01 | 24.0 | 24.0 | 240 | 27 | 21.6 | 20.4 | 258 | | | | |

| STATION | AMBALA | | | | | | | | | | | | | | | | AMINI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 00.7 | 322 | 31 | 02.5 | 00.5 | 320 | 31 | 02.4 | 01.7 | 295 | 31 | 02.6 | 01.1 | 312 | 31 | 05.0 | 04.4 | 291 | 31 | 04.9 | 04.2 | 299 |
| .15 A.G.L. | 30 | 07.3 | 03.2 | 340 | 31 | 05.7 | 01.4 | 318 | 31 | 06.2 | 04.6 | 291 | 31 | 09.8 | 04.6 | 315 | 31 | 05.3 | 04.7 | 292 | 31 | 04.8 | 04.2 | 303 |
| .3A.M.S.L. | 30 | 03.7 | 01.7 | 339 | 31 | 03.8 | 01.0 | 303 | 31 | 03.7 | 02.5 | 285 | 31 | 04.7 | 02.3 | 308 | 31 | 05.5 | 04.9 | 292 | 31 | 05.7 | 04.9 | 302 |
| .6 ,, | 30 | 08.3 | 04.2 | 336 | 31 | 06.3 | 01.7 | 307 | 31 | 06.7 | 05.1 | 288 | 31 | 09.2 | 04.9 | 305 | 31 | 06.0 | 05.4 | 291 | 31 | 05.7 | 05.0 | 298 |
| .9 ,, | 30 | 08.4 | 05.1 | 325 | 31 | 07.0 | 02.9 | 313 | 31 | 06.7 | 05.1 | 299 | 31 | 08.2 | 05.0 | 303 | 31 | 06.0 | 05.3 | 289 | 31 | 05.5 | 04.7 | 295 |
| 1.5 ,, | 30 | 08.1 | 05.4 | 320 | 31 | 07.8 | 04.2 | 316 | 31 | 07.3 | 05.8 | 298 | 31 | 07.0 | 05.1 | 302 | 24 | 05.1 | 03.7 | 303 | 28 | 05.3 | 03.5 | 312 |
| 2.1 ,, | 27 | 06.9 | 05.9 | 317 | 30 | 07.5 | 04.7 | 315 | 29 | 07.6 | 06.3 | 299 | 28 | 06.5 | 05.4 | 300 | 21 | 05.8 | 02.3 | 328 | 25 | 05.0 | 02.9 | 333 |
| 3.0 ,, | 25 | 07.6 | 06.9 | 306 | 27 | 06.4 | 05.0 | 308 | 25 | 08.3 | 07.3 | 298 | 25 | 07.6 | 06.7 | 285 | 14 | 05.7 | 01.1 | 153 | 22 | 06.1 | 02.0 | 065 |
| 3.6 ,, | 21 | 09.4 | 08.5 | 307 | 26 | 07.3 | 06.1 | 300 | 25 | 09.0 | 07.7 | 303 | 07 | 04.7 | 04.9 | 285 | 13 | 07.2 | 02.6 | 146 | 20 | 06.0 | 02.4 | 076 |
| 4.5 ,, | 19 | 11.5 | 10.5 | 304 | 18 | 08.3 | 06.9 | 302 | 20 | 09.2 | 08.2 | 303 | 03 | 07.3 | 06.6 | 284 | 09 | 09.1 | 03.3 | 160 | 12 | 05.3 | 01.2 | 147 |
| 5.4 ,, | 17 | 13.2 | 11.6 | 289 | 17 | 10.0 | 08.3 | 292 | 17 | 11.1 | 10.1 | 300 | 02 | 09.5 | 06.7 | 293 | 06 | 06.8 | 01.9 | 109 | 09 | 06.3 | 01.0 | 244 |
| 6.0 ,, | 17 | 14.1 | 12.5 | 280 | 17 | 12.5 | 10.7 | 282 | 17 | 13.3 | 12.0 | 296 | 01 | 10.0 | 10.0 | 245 | 03 | 06.3 | 02.9 | 147 | 08 | 06.5 | 01.4 | 157 |
| 7.2 ,, | 09 | 21.8 | 20.1 | 265 | 10 | 19.2 | 16.9 | 275 | 09 | 16.2 | 14.7 | 286 | | | | | 02 | 04.5 | 04.5 | 092 | 05 | 05.8 | 02.3 | 128 |
| 9.0 ,, | 04 | 23.7 | 21.3 | 270 | 02 | 26.0 | 23.3 | 280 | 03 | 33.6 | 31.9 | 273 | | | | | 02 | 06.0 | 05.5 | 135 | 02 | 04.5 | 01.9 | 148 |

| STATION | AMINI | | | | ANANTAPUR | | | | | | | | | | | | ASANSOL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.2 | 04.4 | 293 | 31 | 04.5 | 03.5 | 266 | 31 | 04.1 | 02.8 | 308 | 31 | 05.9 | 04.9 | 262 | 31 | 01.7 | 00.4 | 166 | 31 | 02.5 | 01.1 | 232 |
| .15 A.G.L. | 31 | 05.3 | 04.4 | 289 | 31 | 09.1 | 07.2 | 265 | 30 | 06.5 | 04.7 | 315 | 30 | 10.6 | 09.7 | 258 | 31 | 06.4 | 01.8 | 220 | 31 | 05.9 | 01.8 | 210 |
| .3A.M.S.L. | 31 | 05.4 | 04.5 | 290 | | | | | | | | | | | | | 31 | 06.7 | 02.3 | 232 | 31 | 05.9 | 01.9 | 215 |
| .6 ,, | 31 | 05.5 | 04.7 | 289 | 31 | 10.6 | 08.0 | 181 | 30 | 06.3 | 04.6 | 311 | 30 | 10.9 | 09.9 | 260 | 31 | 08.4 | 03.9 | 255 | 31 | 06.1 | 02.0 | 229 |
| .9 ,, | 31 | 05.5 | 04.5 | 291 | 30 | 09.9 | 08.2 | 288 | 30 | 06.6 | 04.9 | 298 | 30 | 10.2 | 09.0 | 265 | 31 | 08.4 | 05.6 | 274 | 31 | 05.4 | 02.2 | 235 |
| 1.5 ,, | 27 | 05.3 | 03.6 | 313 | 30 | 09.5 | 07.3 | 318 | 30 | 06.9 | 05.2 | 305 | 30 | 06.7 | 05.0 | 286 | 30 | 08.0 | 06.3 | 278 | 29 | 05.2 | 03.9 | 260 |
| 2.1 ,, | 24 | 05.5 | 02.7 | 278 | 29 | 07.0 | 04.6 | 346 | 29 | 06.6 | 04.8 | 309 | 30 | 05.8 | 03.3 | 327 | 29 | 07.1 | 06.5 | 289 | 17 | 05.2 | 04.1 | 290 |
| 3.0 ,, | 20 | 05.9 | 02.4 | 084 | 27 | 06.2 | 03.9 | 017 | 27 | 06.1 | 02.9 | 336 | 24 | 06.9 | 03.7 | 003 | 22 | 08.2 | 07.8 | 296 | 09 | 06.3 | 04.6 | 302 |
| 3.6 ,, | 18 | 05.5 | 02.1 | 093 | 20 | 06.4 | 03.5 | 021 | 20 | 05.9 | 02.9 | 006 | 18 | 07.4 | 04.4 | 021 | 17 | 09.9 | 08.6 | 295 | 01 | 04.0 | 04.0 | 056 |
| 4.5 ,, | 12 | 05.6 | 01.6 | 178 | 17 | 04.9 | 00.7 | 019 | 14 | 05.6 | 02.3 | 013 | 05 | 06.6 | 02.3 | 289 | 11 | 10.5 | 09.7 | 296 | | | | |
| 5.4 ,, | 02 | 05.5 | 05.5 | 080 | 16 | 05.2 | 01.1 | 146 | 11 | 06.3 | 01.1 | 334 | 01 | 04.0 | 04.0 | 281 | 04 | 08.7 | 08.0 | 276 | | | | |
| 6.0 ,, | 02 | 04.5 | 04.4 | 059 | 15 | 05.7 | 01.5 | 136 | 09 | 04.4 | 01.6 | 351 | 01 | 04.0 | 04.0 | 302 | 03 | 11.0 | 10.7 | 181 | | | | |
| 7.2 ,, | | | | | 14 | 07.2 | 00.6 | 095 | 08 | 07.3 | 00.6 | 049 | | | | | | | | | | | | |
| 9.0 ,, | | | | | 14 | 08.3 | 00.7 | 344 | 02 | 09.5 | 04.1 | 230 | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10.1888 SAKA)

| STATION | ASANSOL | | | | | | | | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.1 | 00.2 | 245 | 31 | 02.5 | 01.7 | 175 | 31 | 05.5 | 04.3 | 278 | 31 | 06.8 | 05.1 | 304 | 31 | 05.7 | 04.9 | 278 | 31 | 03.0 | 00.8 | 069 |
| .15 A.G.L. | 31 | 05.8 | 00.2 | 106 | 31 | 08.0 | 03.0 | 172 | 31 | 09.2 | 06.1 | 293 | 29 | 07.2 | 05.8 | 300 | 30 | 09.5 | 07.1 | 292 | 30 | 08.9 | 01.3 | 063 |
| .3A.M.S.L. | 31 | 06.0 | 00.3 | 169 | 31 | 08.3 | 03.1 | 176 | | | | | | | | | | | | | 30 | 09.1 | 01.1 | 059 |
| .6 ,, | 31 | 06.3 | 01.3 | 208 | 31 | 09.1 | 03.8 | 192 | | | | | | | | | | | | | 30 | 10.3 | 00.4 | 277 |
| .9 ,, | 31 | 06.4 | 01.5 | 220 | 31 | 08.1 | 03.2 | 218 | 31 | 10.9 | 08.2 | 313 | 29 | 06.3 | 05.1 | 307 | 30 | 10.6 | 07.9 | 305 | 30 | 08.4 | 02.3 | 282 |
| 1.5 ,, | 31 | 06.1 | 02.7 | 268 | 31 | 06.3 | 04.1 | 263 | 31 | 11.1 | 07.7 | 315 | 29 | 07.0 | 05.5 | 309 | 29 | 10.1 | 07.7 | 317 | 29 | 08.5 | 05.7 | 299 |
| 2.1 ,, | 30 | 06.6 | 05.4 | 289 | 27 | 06.9 | 05.7 | 289 | 30 | 07.7 | 02.7 | 300 | 29 | 08.2 | 05.9 | 309 | 29 | 07.4 | 04.3 | 321 | 24 | 09.1 | 08.6 | 292 |
| 3.0 ,, | 27 | 09.7 | 09.0 | 291 | 19 | 08.8 | 07.8 | 305 | 28 | 06.8 | 02.9 | 245 | 29 | 08.5 | 04.6 | 305 | 28 | 06.6 | 01.3 | 274 | 15 | 09.1 | 06.9 | 308 |
| 3.6 ,, | 22 | 11.8 | 11.1 | 291 | 06 | 10.5 | 09.4 | 304 | 19 | 06.4 | 00.1 | 085 | 27 | 06.7 | 04.1 | 279 | 27 | 07.1 | 06.3 | 221 | 12 | 10.1 | 08.7 | 303 |
| 4.5 ,, | 13 | 13.2 | 12.8 | 302 | 01 | 06.0 | 06.0 | 030 | 03 | 03.3 | 01.3 | 206 | 24 | 06.2 | 02.5 | 320 | 11 | 05.1 | 01.4 | 336 | 07 | 13.3 | 13.1 | 305 |
| 5.4 ,, | 10 | 12.4 | 11.8 | 295 | | | | | 02 | 06.5 | 02.5 | 323 | 22 | 05.5 | 02.8 | 327 | 05 | 06.2 | 05.4 | 253 | 04 | 12.0 | 11.9 | 313 |
| 6.0 ,, | 10 | 13.8 | 13.2 | 287 | | | | | 01 | 07.0 | 07.0 | 233 | 20 | 04.9 | 02.5 | 324 | 02 | 05.5 | 05.1 | 303 | 03 | 13.7 | 13.7 | 305 |
| 7.2 ,, | 07 | 14.0 | 13.8 | 275 | | | | | | | | | 10 | 08.0 | 04.8 | 277 | | | | | 02 | 20.5 | 20.5 | 290 |
| 9.0 ,, | 04 | 12.5 | 11.2 | 270 | | | | | | | | | 04 | 11.7 | 04.1 | 307 | | | | | | | | |

| STATION | BAHRAICH | | | | | | | | BANGALORE | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 0530 @ | | | | 1130 | | | | 1730 @ | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.3 | 00.8 | 023 | 31 | 03.0 | 02.1 | 282 | 31 | 04.7 | 04.0 | 259 | 31 | 04.1 | 03.3 | 281 | 31 | 03.8 | 03.1 | 302 | 31 | 03.9 | 03.3 | 262 |
| .15 A.G.L. | 31 | 06.1 | 05.6 | 309 | 31 | 06.2 | 04.6 | 293 | 27 | 08.2 | 07.7 | 264 | 29 | 05.6 | 04.7 | 279 | 30 | 05.8 | 04.4 | 303 | 30 | 09.4 | 08.3 | 252 |
| .3A.M.S.L. | 31 | 06.2 | 00.6 | 283 | 31 | 06.2 | 04.7 | 289 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 06.0 | 00.6 | 245 | 31 | 06.6 | 05.1 | 284 | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 06.3 | 02.3 | 279 | 31 | 07.1 | 05.8 | 286 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 30 | 08.0 | 06.8 | 295 | 31 | 07.9 | 07.1 | 285 | 27 | 09.4 | 07.6 | 282 | 29 | 06.9 | 06.0 | 292 | 30 | 05.7 | 04.4 | 305 | 30 | 10.0 | 08.2 | 278 |
| 2.1 ,, | 25 | 11.0 | 10.2 | 291 | 25 | 09.4 | 09.1 | 288 | 27 | 07.3 | 04.6 | 308 | 27 | 07.0 | 05.1 | 317 | 29 | 05.7 | 04.6 | 313 | 30 | 07.5 | 04.2 | 322 |
| 3.0 ,, | 12 | 11.0 | 10.8 | 294 | 16 | 10.9 | 10.6 | 290 | 26 | 06.2 | 02.5 | 036 | 24 | 06.4 | 03.7 | 036 | 29 | 05.7 | 03.2 | 339 | 28 | 07.3 | 03.7 | 026 |
| 3.6 ,, | 09 | 11.1 | 10.4 | 289 | 12 | 10.7 | 10.0 | 297 | 26 | 06.9 | 03.2 | 039 | 23 | 06.5 | 04.2 | 057 | 28 | 05.3 | 02.4 | 022 | 26 | 07.5 | 03.4 | 046 |
| 4.5 ,, | 07 | 14.1 | 13.5 | 289 | 08 | 12.1 | 11.4 | 308 | 25 | 07.6 | 03.4 | 056 | 19 | 06.8 | 02.7 | 074 | 27 | 05.9 | 01.5 | 016 | 18 | 07.0 | 01.7 | 041 |
| 5.4 ,, | 03 | 14.7 | 14.7 | 306 | 06 | 13.2 | 12.7 | 317 | 24 | 06.5 | 02.2 | 103 | 17 | 07.2 | 01.6 | 072 | 27 | 06.4 | 01.6 | 027 | 10 | 06.1 | 05.2 | 048 |
| 6.0 ,, | 03 | 17.0 | 17.0 | 302 | 06 | 14.0 | 13.2 | 309 | 24 | 06.7 | 02.6 | 110 | 16 | 07.2 | 02.3 | 077 | 27 | 06.4 | 02.2 | 058 | 07 | 07.0 | 05.2 | 052 |
| 7.2 ,, | 02 | 18.5 | 18.5 | 300 | 05 | 17.0 | 12.6 | 323 | 24 | 08.0 | 03.8 | 091 | 14 | 08.4 | 04.7 | 085 | 24 | 07.3 | 03.7 | 069 | 05 | 07.4 | 04.0 | 045 |
| 9.0 ,, | | | | | 01 | 30.0 | 30.0 | 280 | 23 | 07.7 | 03.0 | 073 | 09 | 09.3 | 06.0 | 082 | 18 | 06.9 | 01.7 | 175 | 01 | 13.0 | 13.0 | 110 |

| STATION | BARELLY | | | | | | | | BEGAMPET | | | | | | | | | | | | BHAGALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 00.4 | 009 | 31 | 02.1 | 01.5 | 302 | 31 | 04.3 | 02.8 | 287 | 31 | 04.4 | 02.9 | 317 | 31 | 02.6 | 01.4 | 290 | 31 | 04.7 | 02.3 | 107 |
| .15 A.G.L. | 31 | 09.3 | 03.8 | 331 | 30 | 06.9 | 06.3 | 297 | 30 | 10.4 | 07.6 | 304 | 31 | 07.0 | 03.5 | 324 | 31 | 06.7 | 04.0 | 300 | 30 | 07.7 | 01.8 | 133 |
| .3A.M.S.L. | 31 | 08.5 | 03.4 | 328 | 30 | 06.4 | 05.8 | 297 | | | | | | | | | | | | | 30 | 08.9 | 01.0 | 162 |
| .6 ,, | 31 | 10.4 | 06.1 | 218 | 30 | 08.3 | 07.7 | 295 | 30 | 07.1 | 05.4 | 301 | 31 | 06.2 | 03.2 | 325 | 31 | 04.8 | 02.7 | 299 | 29 | 09.4 | 03.1 | 268 |
| .9 ,, | 31 | 10.1 | 07.2 | 307 | 29 | 08.5 | 08.0 | 294 | 30 | 12.2 | 09.6 | 319 | 31 | 07.1 | 04.1 | 329 | 31 | 07.2 | 04.2 | 310 | 28 | 09.2 | 05.1 | 275 |
| 1.5 ,, | 31 | 10.2 | 09.2 | 304 | 28 | 08.6 | 08.0 | 287 | 30 | 12.5 | 09.1 | 326 | 31 | 06.9 | 03.9 | 329 | 31 | 07.1 | 03.7 | 319 | 25 | 10.8 | 09.3 | 281 |
| 2.1 ,, | 28 | 10.5 | 10.2 | 303 | 24 | 08.3 | 07.7 | 283 | 29 | 09.5 | 06.3 | 331 | 31 | 06.6 | 03.5 | 327 | 31 | 06.3 | 02.8 | 334 | 23 | 11.3 | 11.0 | 286 |
| 3.0 ,, | 20 | 11.9 | 11.2 | 300 | 18 | 09.7 | 09.0 | 291 | 27 | 07.5 | 03.4 | 358 | 30 | 07.5 | 03.6 | 328 | 30 | 06.9 | 03.5 | 355 | 13 | 11.4 | 10.8 | 297 |
| 3.6 ,, | 16 | 11.7 | 10.9 | 300 | 16 | 10.5 | 10.0 | 300 | 25 | 07.1 | 03.4 | 012 | 28 | 07.5 | 04.1 | 331 | 06 | 06.1 | 05.8 | 359 | 11 | 10.5 | 10.1 | 303 |
| 4.5 ,, | 12 | 11.6 | 10.5 | 301 | 14 | 12.6 | 11.4 | 296 | 22 | 06.8 | 03.1 | 019 | 24 | 07.0 | 04.0 | 325 | | | | | 05 | 08.8 | 08.1 | 316 |
| 5.4 ,, | 09 | 13.1 | 11.6 | 292 | 12 | 12.7 | 11.4 | 299 | 19 | 07.2 | 03.7 | 025 | 20 | 05.7 | 03.2 | 350 | | | | | 04 | 11.3 | 10.9 | 290 |
| 6.0 ,, | 06 | 12.0 | 09.3 | 306 | 10 | 14.2 | 11.6 | 292 | 18 | 06.4 | 04.1 | 022 | 18 | 05.2 | 02.8 | 004 | | | | | 02 | 06.0 | 05.9 | 301 |
| 7.2 ,, | 04 | 09.7 | 08.1 | 318 | 07 | 17.7 | 15.0 | 298 | 18 | 06.8 | 04.2 | 358 | 17 | 05.5 | 03.5 | 013 | | | | | 02 | 17.0 | 16.4 | 300 |
| 9.0 ,, | 02 | 12.0 | 11.1 | 317 | 01 | 13.0 | 13.0 | 345 | 15 | 08.6 | 02.6 | 360 | 09 | 05.7 | 02.0 | 024 | | | | | | | | |

| STATION | BHAGALPUR | | | | BHOPAL/BAIRAGARH | | | | | | | | | | | | BHUBANESWAR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.5 | 02.6 | 042 | 31 | 04.4 | 03.2 | 274 | 31 | 04.5 | 03.6 | 289 | 31 | 04.3 | 03.0 | 269 | 31 | 04.2 | 03.3 | 205 | 31 | 04.1 | 02.8 | 199 |
| .15 A.G.L. | 31 | 07.9 | 02.3 | 003 | 31 | 10.4 | 06.2 | 284 | 31 | 05.6 | 04.0 | 295 | 31 | 10.5 | 06.3 | 279 | 25 | 06.3 | 04.8 | 210 | 31 | 05.3 | 03.9 | 200 |
| .3A.M.S.L. | 31 | 08.0 | 02.3 | 347 | | | | | | | | | | | | | 25 | 07.1 | 05.3 | 227 | 31 | 05.0 | 03.1 | 210 |
| .6 ,, | 31 | 07.8 | 01.5 | 325 | 31 | 08.2 | 05.0 | 280 | 31 | 05.3 | 03.9 | 291 | 31 | 09.3 | 05.4 | 273 | 25 | 08.2 | 05.9 | 232 | 31 | 05.8 | 03.1 | 222 |
| .9 ,, | 31 | 08.0 | 03.1 | 267 | 31 | 11.9 | 07.9 | 301 | 31 | 06.0 | 04.3 | 296 | 31 | 11.8 | 07.7 | 287 | 22 | 07.4 | 04.4 | 247 | 31 | 06.5 | 02.9 | 251 |
| 1.5 ,, | 31 | 09.8 | 07.7 | 271 | 31 | 08.1 | 05.9 | 310 | 31 | 06.2 | 04.9 | 293 | 31 | 08.7 | 06.6 | 294 | 22 | 05.3 | 03.2 | 243 | 25 | 06.2 | 03.6 | 305 |
| 2.1 ,, | 23 | 08.0 | 07.3 | 272 | 30 | 06.5 | 03.3 | 302 | 29 | 06.0 | 04.7 | 292 | 29 | 05.8 | 03.8 | 297 | 20 | 06.1 | 04.2 | 303 | 17 | 05.8 | 03.3 | 322 |
| 3.0 ,, | 22 | 13.0 | 12.3 | 288 | 25 | 06.5 | 03.4 | 289 | 28 | 05.5 | 04.2 | 293 | 23 | 06.5 | 03.4 | 294 | 18 | 06.6 | 04.9 | 323 | 08 | 06.5 | 04.6 | 288 |
| 3.6 ,, | 17 | 14.3 | 11.5 | 285 | 25 | 07.0 | 03.7 | 279 | 26 | 06.4 | 04.3 | 295 | 07 | 08.4 | 05.9 | 324 | 14 | 07.8 | 04.7 | 326 | 01 | 03.0 | 03.0 | 204 |
| 4.5 ,, | 12 | 14.3 | 14.2 | 297 | 23 | 07.9 | 04.5 | 273 | 25 | 08.3 | 05.6 | 281 | | | | | 11 | 04.8 | 01.7 | 330 | | | | |
| 5.4 ,, | 07 | 14.0 | 13.7 | 301 | 21 | 09.3 | 07.8 | 278 | 23 | 10.0 | 07.2 | 287 | | | | | 07 | 04.6 | 01.3 | 283 | | | | |
| 6.0 ,, | 06 | 14.0 | 13.0 | 299 | 21 | 11.3 | 09.8 | 275 | 22 | 11.4 | 09.2 | 281 | | | | | 06 | 04.2 | 03.0 | 251 | | | | |
| 7.2 ,, | 06 | 16.5 | 15.3 | 287 | 21 | 12.6 | 11.3 | 263 | 19 | 11.5 | 09.9 | 269 | | | | | 04 | 03.5 | 03.4 | 200 | | | | |
| 9.0 ,, | 02 | 13.0 | 13.0 | 289 | 15 | 16.8 | 15.4 | 250 | 12 | 16.0 | 14.4 | 257 | | | | | 02 | 06.0 | 05.1 | 250 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STATION | BHUBANESWAR | | | | | | | | BHUJ/RUDRAMATA | | | | | | | | | | | | BIKANER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 06.6 | 05.6 | 196 | 31 | 05.7 | 05.1 | 202 | 31 | 04.1 | 03.6 | 239 | 31 | 06.3 | 04.9 | 253 | 31 | 05.4 | 04.2 | 242 | 31 | 02.5 | 02.1 | 232 |
| .15 A.G.L. | 31 | 09.4 | 08.7 | 189 | 25 | 08.5 | 08.2 | 206 | 31 | 09.5 | 06.7 | 256 | 31 | 08.9 | 07.0 | 258 | 31 | 09.4 | 06.6 | 257 | 31 | 09.5 | 05.9 | 236 |
| .3A.M.S.L. | 31 | 08.6 | 07.7 | 192 | 25 | 09.3 | 08.8 | 207 | 31 | 10.4 | 07.3 | 257 | 31 | 09.1 | 07.3 | 258 | 31 | 10.0 | 06.9 | 260 | 31 | 07.5 | 04.5 | 231 |
| .6 ,, | 31 | 07.7 | 06.3 | 198 | 25 | 09.4 | 08.6 | 213 | 31 | 11.8 | 08.3 | 274 | 31 | 08.6 | 06.9 | 263 | 31 | 10.9 | 07.9 | 264 | 31 | 10.5 | 07.4 | 254 |
| .9 ,, | 30 | 05.5 | 03.1 | 221 | 23 | 07.1 | 05.6 | 230 | 31 | 11.7 | 08.1 | 275 | 31 | 08.8 | 06.9 | 265 | 31 | 10.5 | 07.5 | 273 | 31 | 09.4 | 06.7 | 283 |
| 1.5 ,, | 29 | 04.9 | 03.4 | 325 | 19 | 05.9 | 03.5 | 285 | 30 | 09.8 | 06.7 | 282 | 31 | 08.4 | 06.4 | 277 | 29 | 08.5 | 05.5 | 290 | 31 | 08.9 | 07.2 | 273 |
| 2.1 ,, | 28 | 06.6 | 04.9 | 323 | 13 | 07.1 | 03.6 | 310 | 27 | 08.3 | 04.7 | 295 | 28 | 07.0 | 05.1 | 301 | 23 | 06.9 | 04.6 | 302 | 28 | 08.8 | 07.1 | 288 |
| 3.0 ,, | 24 | 07.7 | 06.1 | 320 | 13 | 06.9 | 04.4 | 340 | 21 | 06.9 | 03.9 | 330 | 27 | 06.6 | 04.4 | 305 | 20 | 06.1 | 02.9 | 333 | 26 | 08.6 | 06.9 | 299 |
| 3.6 ,, | 19 | 08.6 | 07.1 | 320 | 02 | 10.5 | 10.1 | 006 | 18 | 08.2 | 04.7 | 353 | 27 | 07.3 | 04.3 | 296 | 02 | 04.0 | 01.7 | 004 | 21 | 09.2 | 07.3 | 318 |
| 4.5 ,, | 13 | 08.1 | 05.8 | 303 | | | | | 17 | 09.8 | 05.0 | 349 | 26 | 07.5 | 03.9 | 298 | | | | | 18 | 08.9 | 05.7 | 320 |
| 5.4 ,, | 09 | 06.9 | 04.4 | 312 | | | | | 17 | 07.5 | 04.0 | 313 | 26 | 08.0 | 05.2 | 307 | | | | | 13 | 09.4 | 06.5 | 284 |
| 6.0 ,, | 07 | 06.6 | 04.4 | 303 | | | | | 17 | 08.2 | 05.0 | 291 | 25 | 08.6 | 06.0 | 294 | | | | | 13 | 11.5 | 09.6 | 266 |
| 7.2 ,, | 03 | 06.3 | 05.5 | 261 | | | | | 15 | 11.4 | 07.9 | 277 | 14 | 11.9 | 08.3 | 279 | | | | | 11 | 16.1 | 14.5 | 271 |
| 9.0 ,, | | | | | | | | | 05 | 11.4 | 08.0 | 278 | | | | | | | | | 06 | 36.6 | 30.6 | 262 |

| STATION | BIKANER | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 02.5 | 01.8 | 256 | 31 | 01.7 | 01.2 | 210 | 31 | 01.5 | 01.2 | 237 | 31 | 03.2 | 02.4 | 246 | 31 | 05.2 | 04.1 | 272 | 31 | 02.6 | 01.8 | 237 |
| .15 A.G.L. | 30 | 05.9 | 04.1 | 269 | 30 | 10.0 | 04.2 | 232 | 31 | 04.7 | 02.7 | 236 | 31 | 05.1 | 04.1 | 242 | 31 | 07.8 | 05.9 | 268 | 31 | 05.0 | 03.1 | 242 |
| .3A.M.S.L. | 30 | 05.2 | 03.5 | 269 | 30 | 08.6 | 03.7 | 222 | 31 | 04.7 | 02.7 | 230 | 31 | 05.3 | 03.6 | 238 | 31 | 07.4 | 05.7 | 270 | 31 | 05.4 | 02.6 | 248 |
| .6 ,, | 30 | 07.1 | 04.8 | 265 | 30 | 10.3 | 05.6 | 243 | 31 | 05.7 | 02.2 | 245 | 31 | 05.1 | 02.4 | 243 | 31 | 07.4 | 05.3 | 281 | 31 | 06.0 | 03.0 | 269 |
| .9 ,, | 29 | 07.4 | 05.4 | 267 | 29 | 09.5 | 05.3 | 256 | 31 | 06.3 | 03.2 | 288 | 31 | 05.7 | 02.1 | 286 | 31 | 07.5 | 05.4 | 302 | 31 | 06.3 | 03.7 | 291 |
| 1.5 ,, | 28 | 06.5 | 05.1 | 269 | 26 | 07.7 | 05.4 | 271 | 31 | 08.9 | 05.8 | 306 | 28 | 07.6 | 03.8 | 302 | 31 | 09.0 | 06.6 | 313 | 28 | 08.3 | 05.9 | 317 |
| 2.1 ,, | 24 | 06.2 | 04.9 | 275 | 22 | 06.3 | 05.4 | 279 | 31 | 08.4 | 03.6 | 292 | 22 | 07.6 | 02.4 | 288 | 31 | 08.3 | 04.8 | 314 | 22 | 08.5 | 04.6 | 330 |
| 3.0 ,, | 22 | 07.4 | 06.8 | 281 | 16 | 06.4 | 05.9 | 278 | 31 | 08.2 | 01.8 | 245 | 19 | 08.3 | 03.3 | 201 | 31 | 08.8 | 01.4 | 315 | 20 | 07.6 | 02.1 | 358 |
| 3.6 ,, | 19 | 07.6 | 07.2 | 279 | 05 | 07.2 | 06.9 | 294 | 31 | 07.8 | 00.4 | 270 | 17 | 07.7 | 03.5 | 174 | 31 | 08.2 | 06.0 | 291 | 09 | 06.7 | 01.4 | 069 |
| 4.5 ,, | 17 | 08.8 | 07.7 | 287 | | | | | 31 | 06.9 | 00.9 | 014 | 13 | 05.2 | 02.2 | 089 | 31 | 06.2 | 01.4 | 018 | 05 | 07.2 | 01.0 | 109 |
| 5.4 ,, | 15 | 10.3 | 08.8 | 297 | | | | | 31 | 06.2 | 02.7 | 353 | 13 | 05.2 | 02.5 | 054 | 31 | 06.2 | 02.4 | 022 | 03 | 06.0 | 04.7 | 024 |
| 6.0 ,, | 15 | 11.1 | 08.1 | 291 | | | | | 31 | 06.6 | 03.6 | 335 | 13 | 05.7 | 00.6 | 056 | 31 | 06.0 | 01.6 | 341 | 02 | 09.0 | 08.8 | 027 |
| 7.2 ,, | 09 | 15.7 | 13.5 | 284 | | | | | 31 | 07.5 | 03.5 | 295 | 12 | 06.7 | 03.1 | 207 | 31 | 07.4 | 03.0 | 275 | | | | |
| 9.0 ,, | | | | | | | | | 31 | 08.9 | 05.9 | 252 | 05 | 09.0 | 06.7 | 220 | 31 | 10.2 | 05.0 | 257 | | | | |

| STATION | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | | COCHIN/WILLINGDON ‡ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 * | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 01.3 | 01.1 | 187 | 31 | 03.0 | 01.9 | 187 | 31 | 03.0 | 02.5 | 178 | 31 | 03.1 | 02.8 | 179 | 31 | 00.7 | 00.5 | 320 | 31 | 03.7 | 03.4 | 285 |
| .15 A.G.L. | 31 | 07.4 | 06.5 | 208 | 31 | 05.7 | 03.6 | 192 | 31 | 07.9 | 05.8 | 189 | 31 | 08.2 | 07.7 | 187 | 30 | 03.6 | 01.7 | 346 | 31 | 06.5 | 06.2 | 290 |
| .3A.M.S.L. | 31 | 07.9 | 06.7 | 214 | 31 | 06.2 | 03.5 | 198 | 31 | 08.2 | 05.9 | 190 | 31 | 09.7 | 09.1 | 195 | 30 | 04.0 | 02.8 | 314 | 31 | 06.9 | 06.4 | 290 |
| .6 ,, | 31 | 09.0 | 07.1 | 222 | 31 | 05.9 | 03.2 | 204 | 31 | 08.1 | 05.6 | 190 | 31 | 10.7 | 09.8 | 199 | 30 | 05.5 | 04.9 | 297 | 31 | 07.5 | 06.9 | 294 |
| .9 ,, | 31 | 08.6 | 06.1 | 228 | 31 | 06.0 | 03.4 | 211 | 31 | 06.8 | 04.8 | 201 | 31 | 09.0 | 06.9 | 207 | 30 | 06.5 | 06.0 | 292 | 31 | 07.3 | 06.6 | 294 |
| 1.5 ,, | 31 | 06.4 | 04.4 | 262 | 28 | 06.8 | 03.9 | 236 | 31 | 05.5 | 03.6 | 254 | 30 | 06.6 | 04.0 | 274 | 30 | 05.9 | 05.3 | 285 | 31 | 05.6 | 04.7 | 298 |
| 2.1 ,, | 31 | 06.2 | 04.8 | 288 | 24 | 06.1 | 03.8 | 279 | 31 | 06.1 | 05.2 | 285 | 25 | 06.9 | 06.0 | 312 | 27 | 05.0 | 03.5 | 300 | 31 | 04.7 | 03.0 | 317 |
| 3.0 ,, | 31 | 08.3 | 07.5 | 300 | 16 | 08.4 | 07.7 | 286 | 31 | 08.9 | 08.2 | 303 | 14 | 09.5 | 09.0 | 322 | 14 | 07.0 | 01.5 | 346 | 29 | 06.2 | 03.0 | 020 |
| 3.6 ,, | 31 | 10.6 | 09.8 | 310 | 15 | 09.9 | 09.2 | 289 | 31 | 10.6 | 09.8 | 308 | 04 | 12.7 | 12.0 | 326 | 09 | 06.3 | 02.7 | 099 | 22 | 06.7 | 03.8 | 054 |
| 4.5 ,, | 31 | 10.1 | 09.5 | 311 | 12 | 10.8 | 09.9 | 290 | 31 | 11.5 | 10.9 | 309 | | | | | 03 | 06.0 | 03.3 | 197 | 16 | 06.1 | 02.0 | 047 |
| 5.4 ,, | 31 | 08.3 | 07.6 | 299 | 11 | 11.2 | 09.5 | 285 | 30 | 11.7 | 10.9 | 299 | | | | | 01 | 04.0 | 04.0 | 055 | 10 | 05.3 | 00.4 | 250 |
| 6.0 ,, | 31 | 08.7 | 07.8 | 290 | 08 | 12.7 | 12.1 | 275 | 30 | 11.5 | 10.7 | 290 | | | | | 01 | 04.0 | 04.0 | 075 | 08 | 05.9 | 01.6 | 083 |
| 7.2 ,, | 31 | 10.4 | 09.2 | 283 | 06 | 14.3 | 14.2 | 274 | 30 | 11.4 | 10.3 | 286 | | | | | 01 | 03.0 | 03.0 | 130 | 05 | 08.4 | 04.1 | 096 |
| 9.0 ,, | 31 | 10.1 | 09.0 | 273 | 05 | 14.4 | 13.2 | 271 | 30 | 11.7 | 10.7 | 268 | | | | | | | | | | | | |

| STATION | COCHIN/WILLINGDON ‡ | | | | DEHRA DUN | | | | | | | | DIBRUGARH/MOHANBARI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 01.7 | 01.5 | 288 | 31 | 00.4 | 00.1 | 340 | 31 | 01.5 | 01.1 | 252 | 31 | 01.4 | 01.2 | 047 | 31 | 01.4 | 00.6 | 063 | 31 | 01.5 | 00.7 | 050 |
| .15 A.G.L. | 30 | 04.4 | 03.8 | 296 | 31 | 02.3 | 01.3 | 053 | 31 | 04.4 | 00.8 | 227 | 25 | 04.0 | 02.6 | 063 | 30 | 03.0 | 01.4 | 084 | 30 | 03.7 | 01.7 | 061 |
| .3A.M.S.L. | 30 | 04.6 | 04.1 | 296 | | | | | | | | | 25 | 04.0 | 02.6 | 067 | 30 | 03.1 | 01.5 | 089 | 30 | 03.7 | 01.8 | 061 |
| .6 ,, | 30 | 05.4 | 04.8 | 295 | | | | | | | | | 24 | 03.4 | 01.9 | 058 | 29 | 03.3 | 01.4 | 084 | 30 | 04.1 | 02.4 | 072 |
| .9 ,, | 30 | 05.4 | 04.8 | 293 | 31 | 02.4 | 01.0 | 056 | 31 | 04.5 | 02.7 | 261 | 24 | 03.7 | 01.4 | 056 | 28 | 03.4 | 00.8 | 109 | 30 | 03.7 | 01.6 | 091 |
| 1.5 ,, | 30 | 04.8 | 03.8 | 287 | 31 | 03.2 | 00.9 | 014 | 31 | 04.5 | 03.4 | 268 | 21 | 03.0 | 00.4 | 127 | 27 | 04.1 | 01.9 | 220 | 30 | 05.0 | 02.9 | 221 |
| 2.1 ,, | 26 | 04.3 | 02.0 | 311 | 31 | 04.3 | 02.4 | 310 | 31 | 04.3 | 03.2 | 271 | 20 | 03.1 | 02.4 | 223 | 26 | 04.9 | 03.1 | 232 | 28 | 06.5 | 05.6 | 234 |
| 3.0 ,, | 19 | 06.0 | 02.1 | 024 | 27 | 05.8 | 03.7 | 301 | 27 | 04.7 | 03.9 | 285 | 17 | 03.5 | 02.4 | 250 | 18 | 04.7 | 03.5 | 210 | 22 | 08.2 | 07.5 | 231 |
| 3.6 ,, | 10 | 06.3 | 01.5 | 076 | 27 | 07.1 | 05.3 | 299 | 25 | 05.4 | 04.5 | 304 | 12 | 04.3 | 02.4 | 240 | 13 | 04.5 | 03.7 | 219 | 19 | 07.1 | 06.3 | 227 |
| 4.5 ,, | 05 | 06.0 | 04.0 | 245 | 24 | 07.6 | 06.4 | 296 | 24 | 08.1 | 06.5 | 311 | 07 | 05.7 | 02.5 | 233 | 08 | 04.0 | 03.0 | 220 | 15 | 06.9 | 05.4 | 241 |
| 5.4 ,, | 02 | 09.0 | 09.0 | 230 | 22 | 14.1 | 09.1 | 290 | 22 | 10.5 | 08.6 | 297 | 06 | 05.8 | 01.3 | 167 | 04 | 04.5 | 01.5 | 189 | 10 | 06.2 | 03.7 | 254 |
| 6.0 ,, | | | | | 18 | 11.6 | 09.9 | 282 | 22 | 12.2 | 10.4 | 290 | 04 | 03.7 | 02.4 | 176 | 02 | 07.5 | 04.3 | 150 | 09 | 08.8 | 06.4 | 251 |
| 7.2 ,, | | | | | 15 | 18.6 | 16.7 | 269 | 17 | 16.6 | 14.2 | 278 | | | | | | | | | 05 | 08.2 | 07.0 | 266 |
| 9.0 ,, | | | | | 04 | 19.5 | 17.7 | 268 | 02 | 17.0 | 16.9 | 286 | | | | | | | | | 03 | 18.7 | 18.0 | 278 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STATION | DIBRUGARH/MOHANBARI | | | | GADAG | | | | | | | | | | | | GANGTOK | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.1 | 033 | 31 | 05.5 | 04.0 | 244 | 31 | 05.6 | 03.2 | 288 | 31 | 06.7 | 04.9 | 263 | 31 | 00.8 | 00.7 | 022 | 31 | 00.6 | 00.4 | 163 |
| .15 A.G.L. | 25 | 04.0 | 02.0 | 025 | 28 | 08.9 | 08.1 | 257 | 30 | 08.0 | 06.3 | 271 | 29 | 10.9 | 10.5 | 254 | 20 | 01.8 | 01.3 | 355 | 14 | 02.3 | 01.9 | 170 |
| .3A.M.S.L. | 25 | 04.2 | 02.2 | 033 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 25 | 04.4 | 02.0 | 058 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 25 | 04.5 | 02.2 | 086 | 28 | 10.3 | 08.9 | 276 | 30 | 08.1 | 06.4 | 275 | 29 | 10.9 | 10.3 | 268 | | | | | | | | |
| 1.5 ,, | 25 | 03.4 | 01.4 | 180 | 26 | 09.8 | 07.2 | 317 | 29 | 06.9 | 05.5 | 290 | 28 | 06.3 | 05.2 | 304 | | | | | | | | |
| 2.1 ,, | 25 | 04.8 | 03.5 | 230 | 26 | 07.8 | 03.4 | 313 | 27 | 06.2 | 04.7 | 313 | 28 | 05.5 | 02.8 | 005 | 20 | 01.5 | 00.4 | 320 | 14 | 02.7 | 02.5 | 168 |
| 3.0 ,, | 20 | 08.1 | 06.1 | 266 | 25 | 06.5 | 02.5 | 057 | 23 | 05.3 | 02.4 | 349 | 28 | 06.9 | 04.2 | 055 | 20 | 02.0 | 01.0 | 161 | 14 | 02.4 | 02.0 | 179 |
| 3.6 ,, | 06 | 07.2 | 03.1 | 192 | 25 | 07.2 | 03.3 | 079 | 23 | 06.3 | 02.1 | 359 | 26 | 06.4 | 03.7 | 058 | 18 | 02.8 | 01.5 | 223 | 12 | 03.1 | 02.8 | 237 |
| 4.5 ,, | | | | | 25 | 06.6 | 02.0 | 072 | 22 | 06.0 | 02.1 | 059 | 21 | 06.0 | 03.0 | 075 | 15 | 08.4 | 07.7 | 267 | 07 | 06.6 | 06.1 | 266 |
| 5.4 ,, | | | | | 23 | 05.0 | 02.3 | 080 | 22 | 04.9 | 03.4 | 051 | 12 | 05.2 | 04.0 | 074 | 12 | 13.7 | 12.1 | 268 | 05 | 16.0 | 15.6 | 265 |
| 6.0 ,, | | | | | 23 | 05.3 | 03.3 | 061 | 22 | 05.3 | 02.8 | 061 | 09 | 05.8 | 04.5 | 084 | 12 | 13.7 | 11.5 | 271 | 05 | 19.0 | 18.8 | 265 |
| 7.2 ,, | | | | | 22 | 06.1 | 03.3 | 097 | 20 | 06.0 | 02.4 | 109 | 03 | 04.0 | 03.5 | 055 | 08 | 17.3 | 16.7 | 264 | 03 | 21.3 | 21.3 | 269 |
| 9.0 ,, | | | | | 20 | 07.4 | 03.2 | 090 | 20 | 07.1 | 01.6 | 144 | | | | | 04 | 27.0 | 26.7 | 255 | 01 | 31.0 | 31.0 | 260 |

| STATION | GAUHATI | | | | | | | | | | | | | | | | GAYA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.3 | 00.6 | 091 | 31 | 01.8 | 00.9 | 020 | 31 | 00.5 | 00.5 | 058 | 30 | 01.7 | 00.8 | 065 | 31 | 02.5 | 00.7 | 185 | 31 | 03.9 | 02.6 | 308 |
| .15 A.G.L. | 31 | 03.0 | 01.1 | 083 | 30 | 02.9 | 01.7 | 021 | 31 | 02.8 | 01.6 | 040 | 30 | 03.5 | 01.7 | 350 | 31 | 06.0 | 01.3 | 195 | 31 | 05.0 | 03.5 | 305 |
| .3A.M.S.L. | 31 | 03.0 | 00.7 | 074 | 30 | 02.7 | 01.7 | 004 | 31 | 02.8 | 01.5 | 048 | 30 | 03.2 | 01.4 | 083 | 31 | 06.3 | 01.5 | 200 | 31 | 05.1 | 03.8 | 300 |
| .6 ,, | 31 | 03.5 | 01.3 | 297 | 30 | 02.6 | 00.8 | 327 | 31 | 02.4 | 00.5 | 360 | 29 | 03.8 | 00.6 | 047 | 31 | 07.2 | 03.5 | 257 | 31 | 05.9 | 04.8 | 296 |
| .9 ,, | 31 | 04.9 | 02.8 | 276 | 30 | 03.4 | 01.7 | 245 | 31 | 03.4 | 02.1 | 281 | 28 | 04.6 | 02.8 | 246 | 31 | 06.9 | 05.2 | 277 | 31 | 06.3 | 04.7 | 288 |
| 1.5 ,, | 31 | 06.5 | 05.1 | 255 | 26 | 06.7 | 03.3 | 186 | 31 | 06.9 | 06.5 | 242 | 28 | 07.2 | 04.7 | 248 | 31 | 07.8 | 07.0 | 298 | 29 | 07.0 | 05.6 | 282 |
| 2.1 ,, | 31 | 07.8 | 07.0 | 266 | 23 | 08.9 | 06.6 | 238 | 30 | 10.1 | 09.0 | 248 | 24 | 09.8 | 09.4 | 262 | 29 | 09.6 | 08.7 | 297 | 22 | 07.2 | 06.4 | 290 |
| 3.0 ,, | 29 | 10.2 | 09.1 | 269 | 19 | 11.1 | 08.2 | 254 | 30 | 12.6 | 11.9 | 261 | 16 | 07.9 | 06.8 | 261 | 26 | 13.1 | 11.8 | 290 | 11 | 06.7 | 05.4 | 310 |
| 3.6 ,, | 29 | 11.3 | 10.3 | 271 | 18 | 11.4 | 09.1 | 263 | 29 | 13.3 | 12.6 | 269 | 03 | 04.0 | 01.7 | 272 | 21 | 13.2 | 11.6 | 295 | | | | |
| 4.5 ,, | 28 | 11.3 | 10.6 | 273 | 14 | 12.6 | 10.4 | 264 | 29 | 12.8 | 12.3 | 271 | 01 | 05.0 | 05.0 | 280 | 11 | 11.5 | 09.5 | 300 | | | | |
| 5.4 ,, | 26 | 12.7 | 11.4 | 276 | 11 | 14.9 | 12.2 | 265 | 29 | 13.1 | 12.2 | 272 | | | | | 03 | 08.3 | 07.7 | 292 | | | | |
| 6.0 ,, | 25 | 12.7 | 11.7 | 273 | 10 | 16.8 | 13.9 | 265 | 29 | 13.6 | 12.3 | 275 | | | | | 02 | 05.5 | 05.5 | 277 | | | | |
| 7.2 ,, | 25 | 13.2 | 12.1 | 273 | 08 | 19.0 | 14.5 | 263 | 29 | 17.0 | 16.1 | 277 | | | | | 01 | 07.0 | 07.0 | 320 | | | | |
| 9.0 ,, | 25 | 16.6 | 15.6 | 268 | 02 | 19.5 | 19.5 | 260 | 29 | 20.2 | 19.6 | 268 | | | | | | | | | | | | |

| STATION | GAYA | | | | | | | | GOA/DABOLIM | | | | | | | | | | | | GOPALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.0 | 02.9 | 318 | 31 | 03.7 | 00.9 | 072 | 31 | 03.9 | 02.8 | 306 | 31 | 06.9 | 06.2 | 314 | 31 | 04.6 | 03.9 | 316 | 31 | 02.9 | 02.5 | 208 |
| .15 A.G.L. | 31 | 06.5 | 04.9 | 322 | 31 | 08.2 | 01.0 | 060 | . | | | | | | | | | | | | 28 | 07.0 | 06.5 | 210 |
| .3A.M.S.L. | 31 | 06.5 | 04.9 | 322 | 31 | 08.3 | 00.8 | 070 | 28 | 04.4 | 03.7 | 303 | 30 | 04.9 | 04.5 | 287 | 27 | 04.8 | 04.3 | 294 | 28 | 07.1 | 06.3 | 218 |
| .6 ,, | 31 | 06.8 | 04.9 | 314 | 31 | 07.6 | 00.9 | 295 | 28 | 05.5 | 04.6 | 299 | 30 | 06.0 | 05.0 | 295 | 27 | 05.7 | 05.0 | 298 | 28 | 06.4 | 05.0 | 224 |
| .9 ,, | 31 | 06.8 | 05.3 | 310 | 31 | 06.4 | 03.0 | 278 | 28 | 06.1 | 05.2 | 300 | 28 | 05.5 | 04.1 | 316 | 26 | 05.9 | 05.0 | 303 | 27 | 06.3 | 04.4 | 250 |
| 1.5 ,, | 31 | 07.8 | 06.8 | 295 | 30 | 07.9 | 06.3 | 295 | 19 | 07.7 | 06.4 | 311 | 25 | 05.7 | 03.9 | 329 | 22 | 06.0 | 05.3 | 318 | 25 | 06.1 | 02.0 | 270 |
| 2.1 ,, | 29 | 08.5 | 07.7 | 293 | 26 | 09.5 | 08.8 | 300 | 15 | 06.2 | 04.3 | 293 | 17 | 07.0 | 02.0 | 310 | 13 | 07.0 | 03.9 | 292 | 22 | 05.8 | 03.3 | 305 |
| 3.0 ,, | 23 | 10.9 | 10.0 | 279 | 19 | 12.3 | 11.7 | 295 | 02 | 01.7 | 01.5 | 183 | 08 | 07.6 | 01.9 | 133 | 03 | 03.7 | 02.0 | 046 | 20 | 06.1 | 04.7 | 335 |
| 3.6 ,, | 16 | 12.2 | 12.0 | 285 | 04 | 09.2 | 08.8 | 305 | | | | | 05 | 10.4 | 06.3 | 152 | 01 | 04.5 | 04.5 | 100 | 18 | 07.8 | 04.9 | 333 |
| 4.5 ,, | 10 | 12.4 | 12.1 | 300 | | | | | | | | | 04 | 08.4 | 03.9 | 207 | | | | | 10 | 07.3 | 04.0 | 328 |
| 5.4 ,, | 09 | 13.0 | 12.9 | 303 | | | | | | | | | 01 | 09.1 | 09.1 | 290 | | | | | 09 | 06.7 | 01.9 | 314 |
| 6.0 ,, | 06 | 13.0 | 12.6 | 305 | | | | | | | | | 01 | 14.5 | 14.5 | 260 | | | | | 09 | 06.1 | 02.7 | 336 |
| 7.2 ,, | 01 | 07.0 | 07.0 | 360 | | | | | | | | | 01 | 10.0 | 10.0 | 240 | | | | | 01 | 06.0 | 06.0 | 145 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 12.5 | 12.5 | 240 | | | | | | | | |

| STATION | GOPALPUR | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.8 | 05.5 | 200 | 31 | 05.0 | 04.6 | 211 | 31 | 02.0 | 00.2 | 357 | 31 | 01.5 | 00.5 | 262 | 31 | 02.9 | 02.3 | 283 | 31 | 03.8 | 03.4 | 299 |
| .15 A.G.L. | 30 | 11.2 | 10.9 | 185 | 31 | 10.0 | 09.5 | 210 | 31 | 07.6 | 00.6 | 337 | 31 | 05.2 | 01.6 | 277 | 31 | 09.0 | 06.9 | 296 | 31 | 07.2 | 06.6 | 299 |
| .3A.M.S.L. | 30 | 10.4 | 09.4 | 190 | 31 | 08.7 | 07.7 | 210 | 31 | 08.9 | 01.0 | 317 | 31 | 05.8 | 02.4 | 280 | 31 | 07.4 | 05.7 | 290 | 31 | 06.5 | 05.9 | 299 |
| .6 ,, | 30 | 06.4 | 05.3 | 189 | 31 | 06.7 | 06.3 | 207 | 31 | 09.4 | 02.2 | 294 | 31 | 06.9 | 03.7 | 283 | 31 | 11.0 | 09.0 | 305 | 31 | 07.0 | 06.3 | 306 |
| .9 ,, | 29 | 04.2 | 02.3 | 211 | 30 | 05.1 | 03.8 | 211 | 31 | 08.6 | 03.9 | 285 | 31 | 06.7 | 04.0 | 288 | 31 | 10.8 | 09.3 | 308 | 30 | 06.9 | 06.1 | 303 |
| 1.5 ,, | 28 | 05.1 | 03.1 | 316 | 28 | 04.3 | 02.0 | 295 | 31 | 09.8 | 07.5 | 279 | 31 | 07.7 | 06.2 | 288 | 27 | 09.4 | 08.5 | 308 | 26 | 08.0 | 07.1 | 296 |
| 2.1 ,, | 26 | 06.6 | 04.7 | 333 | 23 | 05.7 | 04.3 | 338 | 31 | 12.1 | 10.9 | 288 | 31 | 10.7 | 09.0 | 294 | 24 | 09.0 | 08.0 | 304 | 24 | 10.8 | 09.9 | 292 |
| 3.0 ,, | 25 | 07.5 | 06.0 | 331 | 14 | 07.6 | 07.0 | 327 | 28 | 13.4 | 11.3 | 295 | 26 | 13.2 | 12.7 | 295 | 21 | 09.9 | 07.2 | 292 | 20 | 09.9 | 08.6 | 286 |
| 3.6 ,, | 24 | 08.7 | 06.9 | 321 | 01 | 07.0 | 07.0 | 289 | 25 | 14.8 | 11.2 | 298 | 25 | 14.9 | 14.1 | 295 | 19 | 10.4 | 07.4 | 286 | 18 | 09.7 | 08.0 | 280 |
| 4.5 ,, | 19 | 08.1 | 06.7 | 337 | | | | | 13 | 12.8 | 09.5 | 295 | 21 | 15.0 | 13.3 | 294 | 18 | 10.4 | 06.8 | 291 | 17 | 11.1 | 08.7 | 284 |
| 5.4 ,, | 16 | 07.3 | 04.4 | 328 | | | | | 07 | 14.1 | 13.2 | 307 | 16 | 14.7 | 12.7 | 297 | 12 | 11.5 | 09.4 | 297 | 15 | 11.1 | 08.9 | 285 |
| 6.0 ,, | 14 | 07.7 | 04.1 | 312 | | | | | 07 | 14.0 | 12.4 | 315 | 13 | 14.8 | 13.1 | 304 | 11 | 11.1 | 09.0 | 290 | 14 | 12.8 | 10.8 | 280 |
| 7.2 ,, | 05 | 04.8 | 01.9 | 210 | | | | | 02 | 21.5 | 21.5 | 307 | 04 | 22.2 | 20.8 | 293 | 10 | 15.5 | 13.4 | 275 | 12 | 16.1 | 14.4 | 274 |
| 9.0 ,, | 01 | 05.0 | 05.0 | 086 | | | | | | | | | | | | | 07 | 19.5 | 18.4 | 261 | 07 | 18.0 | 15.6 | 273 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10.1888 SAKA)

| STATION | GWALIOR | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.1 | 02.8 | 306 | 31 | 01.7 | 00.8 | 262 | 31 | 00.9 | 00.7 | 277 | 31 | 02.3 | 01.7 | 286 | 31 | 03.0 | 02.5 | 288 | 31 | 00.8 | 00.2 | 309 |
| .15 A.G.L. | 31 | 06.9 | 06.0 | 303 | 31 | 06.3 | 03.4 | 306 | 30 | 02.5 | 01.4 | 290 | 29 | 04.1 | 02.9 | 282 | 31 | 05.0 | 04.5 | 292 | 30 | 02.7 | 01.1 | 285 |
| .3A.M.S.L. | 31 | 06.0 | 05.2 | 304 | 31 | 05.3 | 02.9 | 298 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 07.5 | 06.4 | 297 | 31 | 07.4 | 04.8 | 311 | | | | | | | | | | | | | | | | |
| .9 ,, | 31 | 07.3 | 06.4 | 297 | 29 | 06.7 | 05.0 | 310 | 30 | 02.4 | 01.3 | 293 | 29 | 03.9 | 02.8 | 280 | 31 | 04.9 | 04.2 | 292 | 30 | 02.5 | 01.0 | 287 |
| 1.5 ,, | 29 | 07.3 | 06.5 | 297 | 27 | 07.3 | 06.4 | 292 | 30 | 05.0 | 04.2 | 280 | 29 | 04.5 | 03.7 | 275 | 31 | 05.0 | 04.8 | 265 | 30 | 03.6 | 02.6 | 271 |
| 2.1 ,, | 27 | 07.7 | 07.0 | 295 | 25 | 08.0 | 07.2 | 284 | 29 | 08.6 | 06.9 | 275 | 29 | 07.0 | 05.9 | 266 | 31 | 07.5 | 07.0 | 262 | 29 | 10.0 | 05.8 | 272 |
| 3.0 ,, | 22 | 08.8 | 07.8 | 289 | 19 | 08.8 | 07.7 | 274 | 24 | 10.6 | 08.5 | 281 | 26 | 09.9 | 08.6 | 274 | 29 | 08.7 | 07.4 | 275 | 24 | 09.0 | 06.7 | 275 |
| 3.6 ,, | 19 | 09.3 | 08.0 | 285 | 07 | 08.5 | 07.0 | 292 | 17 | 08.8 | 06.6 | 273 | 19 | 10.0 | 07.9 | 262 | 24 | 10.7 | 09.1 | 278 | 16 | 08.7 | 07.3 | 292 |
| 4.5 ,, | 14 | 11.9 | 10.8 | 289 | 02 | 08.0 | 06.9 | 310 | 13 | 08.4 | 06.5 | 270 | 12 | 09.6 | 07.8 | 269 | 15 | 10.9 | 09.5 | 285 | 05 | 09.4 | 05.3 | 280 |
| 5.4 ,, | 10 | 12.3 | 11.2 | 297 | | | | | 09 | 10.5 | 09.2 | 275 | 10 | 10.6 | 08.5 | 281 | 11 | 11.3 | 10.1 | 284 | 02 | 11.5 | 11.3 | 285 |
| 6.0 ,, | 09 | 14.8 | 12.5 | 300 | | | | | 07 | 11.6 | 10.2 | 275 | 05 | 15.0 | 13.3 | 277 | 08 | 12.3 | 11.3 | 292 | | | | |
| 7.2 ,, | 09 | 18.2 | 15.8 | 291 | | | | | 06 | 14.7 | 13.3 | 281 | 04 | 13.0 | 12.2 | 279 | 08 | 13.9 | 13.2 | 293 | | | | |
| 9.0 ,, | 02 | 13.0 | 12.6 | 309 | | | | | 03 | 15.3 | 15.0 | 278 | 03 | 11.0 | 09.8 | 259 | 03 | 12.7 | 12.6 | 285 | | | | |

| STATION | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.3 | 01.0 | 251 | 31 | 02.4 | 01.4 | 305 | 31 | 01.2 | 00.5 | 260 | 31 | 00.7 | 00.4 | 197 | 31 | 02.2 | 01.1 | 312 | 31 | 00.7 | 00.4 | 248 |
| .15 A.G.L. | 31 | 07.3 | 04.8 | 265 | 30 | 06.3 | 03.9 | 309 | 31 | 07.4 | 03.7 | 295 | 31 | 05.5 | 02.9 | 236 | 31 | 05.2 | 02.7 | 322 | 31 | 06.3 | 03.0 | 289 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 08.1 | 05.0 | 272 | 30 | 06.7 | 04.4 | 307 | 31 | 08.2 | 04.1 | 297 | 31 | 03.4 | 01.6 | 232 | 31 | 03.9 | 02.0 | 324 | 31 | 04.4 | 01.9 | 291 |
| .9 ,, | 31 | 10.2 | 06.8 | 310 | 30 | 06.7 | 04.7 | 301 | 31 | 08.6 | 05.2 | 312 | 31 | 06.9 | 03.4 | 284 | 31 | 05.9 | 02.9 | 322 | 31 | 07.4 | 04.1 | 290 |
| 1.5 ,, | 31 | 09.9 | 07.5 | 317 | 30 | 07.0 | 05.5 | 306 | 31 | 07.8 | 05.5 | 316 | 31 | 08.2 | 04.3 | 314 | 29 | 04.9 | 03.3 | 310 | 31 | 06.3 | 03.9 | 308 |
| 2.1 ,, | 31 | 08.2 | 05.7 | 309 | 30 | 06.6 | 04.8 | 298 | 31 | 07.0 | 05.3 | 305 | 30 | 06.7 | 03.3 | 330 | 29 | 05.9 | 03.7 | 315 | 31 | 05.4 | 03.0 | 319 |
| 3.0 ,, | 28 | 07.9 | 05.5 | 307 | 28 | 06.8 | 04.6 | 304 | 25 | 07.6 | 05.1 | 290 | 30 | 06.7 | 03.1 | 332 | 29 | 06.4 | 03.8 | 311 | 29 | 04.5 | 02.1 | 351 |
| 3.6 ,, | 21 | 08.0 | 05.6 | 300 | 25 | 07.3 | 04.2 | 297 | 13 | 07.4 | 04.3 | 299 | 30 | 07.4 | 03.0 | 332 | 29 | 06.9 | 03.6 | 313 | 21 | 04.8 | 01.4 | 337 |
| 4.5 ,, | 16 | 09.5 | 06.7 | 296 | 21 | 09.0 | 06.0 | 286 | 01 | 14.0 | 14.0 | 260 | 27 | 07.1 | 02.1 | 346 | 22 | 07.1 | 03.6 | 310 | 09 | 05.4 | 02.2 | 347 |
| 5.4 ,, | 15 | 09.0 | 05.9 | 293 | 18 | 10.4 | 07.8 | 294 | | | | | 22 | 07.8 | 02.2 | 016 | 15 | 07.5 | 03.6 | 320 | 01 | 05.0 | 05.0 | 284 |
| 6.0 ,, | 14 | 10.3 | 07.8 | 282 | 16 | 11.9 | 10.1 | 294 | | | | | 22 | 07.6 | 01.7 | 018 | 14 | 08.3 | 04.1 | 314 | | | | |
| 7.2 ,, | 09 | 10.6 | 09.0 | 266 | 14 | 13.0 | 11.8 | 277 | | | | | 18 | 05.8 | 01.1 | 275 | 13 | 06.9 | 02.5 | 289 | | | | |
| 9.0 ,, | 01 | 15.0 | 15.0 | 240 | 04 | 17.5 | 17.2 | 265 | | | | | 10 | 06.5 | 01.9 | 297 | 06 | 09.6 | 03.2 | 281 | | | | |

| STATION | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.0 | 328 | 31 | 03.0 | 02.8 | 300 | 31 | 01.2 | 00.6 | 302 | 31 | 00.6 | 00.4 | 240 | 31 | 02.1 | 00.7 | 247 | 31 | 03.0 | 00.8 | 092 |
| .15 A.G.L. | 30 | 07.6 | 05.3 | 297 | 30 | 06.7 | 05.5 | 292 | 30 | 08.5 | 06.0 | 293 | 31 | 03.3 | 02.2 | 232 | 31 | 03.7 | 01.4 | 228 | 30 | 05.5 | 02.1 | 096 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 03.3 | 02.4 | 238 | 31 | 04.0 | 01.5 | 220 | 30 | 05.6 | 01.9 | 096 |
| .6 ,, | 30 | 08.6 | 06.3 | 292 | 30 | 07.0 | 05.9 | 290 | 30 | 08.9 | 06.5 | 294 | 31 | 05.8 | 04.1 | 249 | 31 | 04.1 | 01.9 | 237 | 30 | 05.8 | 00.7 | 082 |
| .9 ,, | 30 | 11.9 | 09.8 | 291 | 30 | 06.9 | 05.8 | 292 | 30 | 09.8 | 07.4 | 292 | 31 | 06.9 | 05.0 | 256 | 31 | 03.8 | 01.7 | 248 | 30 | 06.0 | 00.2 | 274 |
| 1.5 ,, | 29 | 09.8 | 09.0 | 292 | 29 | 07.6 | 06.4 | 294 | 27 | 07.7 | 06.6 | 293 | 31 | 06.5 | 04.9 | 285 | 31 | 05.0 | 03.4 | 274 | 30 | 04.5 | 02.4 | 280 |
| 2.1 ,, | 25 | 09.0 | 08.0 | 294 | 28 | 07.1 | 06.2 | 296 | 25 | 07.2 | 06.2 | 296 | 31 | 07.2 | 05.8 | 305 | 27 | 06.5 | 05.3 | 302 | 28 | 05.2 | 03.9 | 291 |
| 3.0 ,, | 18 | 08.6 | 06.8 | 302 | 26 | 08.5 | 07.4 | 294 | 19 | 07.2 | 06.3 | 290 | 26 | 09.2 | 08.1 | 306 | 15 | 08.3 | 05.9 | 320 | 19 | 07.4 | 06.0 | 293 |
| 3.6 ,, | 17 | 09.1 | 06.3 | 309 | 26 | 08.7 | 07.7 | 289 | 10 | 08.1 | 06.0 | 261 | 22 | 09.5 | 08.4 | 302 | | | | | 17 | 10.3 | 09.3 | 309 |
| 4.5 ,, | 15 | 09.0 | 05.6 | 302 | 22 | 09.2 | 07.5 | 292 | | | | | 14 | 09.3 | 09.0 | 295 | | | | | 10 | 11.7 | 11.0 | 305 |
| 5.4 ,, | 13 | 08.0 | 06.3 | 281 | 20 | 10.5 | 08.8 | 296 | | | | | 09 | 08.1 | 07.0 | 308 | | | | | 10 | 11.2 | 09.4 | 300 |
| 6.0 ,, | 13 | 10.4 | 08.8 | 271 | 15 | 11.7 | 09.4 | 280 | | | | | 07 | 08.0 | 07.4 | 292 | | | | | 08 | 12.9 | 11.4 | 295 |
| 7.2 ,, | 05 | 09.6 | 06.5 | 279 | 07 | 12.4 | 10.0 | 272 | | | | | 04 | 12.5 | 10.5 | 282 | | | | | 02 | 15.0 | 14.1 | 289 |
| 9.0 ,, | 01 | 07.0 | 07.0 | 060 | 03 | 20.7 | 20.6 | 277 | | | | | | | | | | | | | | | | |

| STATION | JHARSUGUDA | | | | | | | | | | | | JODHPUR | | | | | | | | LUCKNOW/AMAUSI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1730* | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 00.5 | 107 | 31 | 02.6 | 01.5 | 252 | 31 | 02.5 | 00.7 | 175 | 30 | 04.7 | 03.4 | 237 | 30 | 04.8 | 03.4 | 239 | 31 | 01.5 | 00.4 | 321 |
| .15 A.G.L. | 31 | 04.8 | 01.1 | 177 | 31 | 04.5 | 02.6 | 256 | 31 | 06.5 | 01.8 | 204 | 30 | 08.1 | 06.1 | 249 | 30 | 06.6 | 04.5 | 252 | 31 | 08.0 | 02.5 | 304 |
| .3A.M.S.L. | 31 | 03.9 | 01.1 | 135 | 31 | 04.4 | 02.3 | 252 | 31 | 05.1 | 01.4 | 180 | 30 | 04.8 | 03.2 | 239 | 30 | 04.8 | 03.4 | 242 | 31 | 08.2 | 02.3 | 306 |
| .6 ,, | 31 | 06.1 | 01.9 | 253 | 31 | 04.6 | 03.1 | 263 | 31 | 07.1 | 02.5 | 227 | 30 | 09.6 | 06.7 | 247 | 30 | 07.3 | 05.4 | 254 | 31 | 09.6 | 05.9 | 302 |
| .9 ,, | 31 | 06.6 | 03.3 | 283 | 31 | 04.3 | 03.2 | 270 | 31 | 07.1 | 03.1 | 257 | 30 | 11.0 | 08.1 | 251 | 30 | 07.7 | 06.0 | 246 | 31 | 10.5 | 07.7 | 302 |
| 1.5 ,, | 31 | 06.9 | 04.4 | 309 | 31 | 04.8 | 03.4 | 295 | 31 | 05.6 | 03.3 | 290 | 30 | 08.6 | 06.6 | 266 | 30 | 07.4 | 05.9 | 252 | 31 | 10.5 | 09.3 | 298 |
| 2.1 ,, | 30 | 07.4 | 05.7 | 314 | 31 | 05.7 | 04.1 | 308 | 31 | 06.0 | 03.9 | 305 | 30 | 06.9 | 04.9 | 277 | 30 | 06.2 | 04.7 | 258 | 30 | 11.2 | 10.2 | 299 |
| 3.0 ,, | 29 | 08.1 | 06.4 | 312 | 26 | 06.8 | 05.5 | 316 | 26 | 06.4 | 05.1 | 314 | 30 | 06.9 | 04.0 | 291 | 30 | 05.8 | 04.2 | 277 | 26 | 13.1 | 10.9 | 299 |
| 3.6 ,, | 26 | 08.5 | 06.9 | 310 | 23 | 08.8 | 07.2 | 318 | | | | | 30 | 06.8 | 04.1 | 310 | 30 | 06.4 | 04.9 | 283 | 21 | 13.0 | 11.6 | 297 |
| 4.5 ,, | 24 | 09.0 | 07.3 | 301 | 20 | 09.5 | 08.0 | 317 | | | | | 30 | 07.8 | 04.7 | 303 | 30 | 07.1 | 05.1 | 277 | 15 | 13.0 | 11.8 | 295 |
| 5.4 ,, | 21 | 10.7 | 08.8 | 301 | 19 | 10.0 | 08.8 | 301 | | | | | 30 | 09.6 | 07.8 | 274 | 30 | 09.5 | 07.1 | 286 | 14 | 15.5 | 13.6 | 286 |
| 6.0 ,, | 19 | 09.2 | 07.9 | 297 | 18 | 09.9 | 08.8 | 294 | | | | | 30 | 11.8 | 09.6 | 271 | 30 | 11.0 | 08.5 | 274 | 11 | 16.5 | 14.7 | 294 |
| 7.2 ,, | 14 | 10.4 | 09.2 | 282 | 15 | 10.9 | 08.5 | 287 | | | | | 30 | 15.7 | 14.1 | 268 | 30 | 15.5 | 14.0 | 271 | 04 | 11.0 | 09.7 | 305 |
| 9.0 ,, | 09 | 09.2 | 08.2 | 292 | 12 | 11.5 | 10.0 | 267 | | | | | 30 | 22.4 | 20.7 | 262 | 29 | 22.0 | 20.1 | 269 | 04 | 19.0 | 15.6 | 286 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STATION | LUCKNOW/AMAUSI | | | | | | | | MADRAS/MINAMBAKKAM | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.6 | 03.2 | 314 | 31 | 02.0 | 00.7 | 054 | 31 | 05.2 | 04.2 | 233 | 31 | 03.4 | 02.4 | 264 | 31 | 04.7 | 03.3 | 150 | 31 | 04.3 | 03.9 | 184 |
| .15 A.G.L. | 30 | 06.0 | 05.2 | 304 | 31 | 09.1 | 05.2 | 313 | 31 | 07.8 | 05.9 | 233 | 31 | 05.2 | 04.1 | 261 | 31 | 05.8 | 04.4 | 145 | 31 | 09.4 | 08.8 | 187 |
| .3A.M.S.L. | 30 | 06.2 | 05.4 | 304 | 31 | 09.4 | 05.3 | 317 | 31 | 08.6 | 06.8 | 243 | 31 | 05.8 | 04.6 | 265 | 31 | 05.1 | 03.3 | 152 | 31 | 09.7 | 08.7 | 195 |
| .6 ,, | 30 | 06.7 | 06.0 | 302 | 31 | 10.0 | 06.1 | 322 | 31 | 09.5 | 07.2 | 257 | 31 | 06.5 | 04.9 | 270 | 31 | 04.3 | 02.0 | 205 | 31 | 08.4 | 07.0 | 212 |
| .9 ,, | 30 | 07.0 | 06.4 | 302 | 30 | 09.4 | 07.4 | 311 | 31 | 08.4 | 05.7 | 266 | 31 | 06.4 | 04.3 | 284 | 31 | 04.5 | 02.4 | 246 | 31 | 07.3 | 05.4 | 236 |
| 1.5 ,, | 30 | 07.7 | 07.1 | 294 | 26 | 09.1 | 08.8 | 299 | 31 | 05.9 | 02.6 | 300 | 30 | 07.2 | 03.5 | 324 | 31 | 05.3 | 03.3 | 287 | 31 | 06.5 | 04.4 | 279 |
| 2.1 ,, | 28 | 09.5 | 09.0 | 288 | 23 | 10.8 | 10.5 | 294 | 31 | 05.5 | 02.6 | 360 | 30 | 06.3 | 02.2 | 013 | 31 | 05.7 | 03.6 | 307 | 31 | 06.9 | 04.3 | 308 |
| 3.0 ,, | 24 | 11.7 | 11.3 | 289 | 12 | 12.8 | 10.8 | 283 | 31 | 06.9 | 03.2 | 036 | 27 | 07.0 | 03.4 | 027 | 31 | 06.3 | 02.9 | 346 | 30 | 07.1 | 04.4 | 355 |
| 3.6 ,, | 23 | 13.3 | 12.6 | 290 | 03 | 09.0 | 08.5 | 284 | 31 | 07.5 | 03.6 | 042 | 27 | 06.3 | 02.8 | 019 | 31 | 06.8 | 01.8 | 357 | 07 | 06.9 | 04.5 | 030 |
| 4.5 ,, | 19 | 14.9 | 13.1 | 296 | | | | | 31 | 07.2 | 03.4 | 064 | 24 | 06.6 | 02.5 | 039 | 31 | 06.7 | 01.9 | 002 | 02 | 05.5 | 05.5 | 001 |
| 5.4 ,, | 13 | 15.1 | 13.0 | 291 | | | | | 31 | 07.3 | 03.7 | 089 | 22 | 07.4 | 03.7 | 077 | 31 | 06.6 | 02.2 | 064 | 01 | 02.0 | 02.0 | 335 |
| 6.0 ,, | 09 | 16.3 | 13.5 | 291 | | | | | 31 | 07.0 | 03.7 | 090 | 20 | 07.3 | 04.5 | 078 | 31 | 06.7 | 02.8 | 063 | 01 | 02.0 | 02.0 | 345 |
| 7.2 ,, | 04 | 16.5 | 13.0 | 312 | | | | | 31 | 07.7 | 04.0 | 086 | 13 | 07.8 | 02.7 | 109 | 31 | 07.2 | 04.2 | 086 | 01 | 02.0 | 02.0 | 341 |
| 9.0 ,, | 03 | 20.0 | 16.0 | 304 | | | | | 31 | 07.1 | 03.4 | 082 | 10 | 07.0 | 03.3 | 157 | 31 | 06.2 | 02.9 | 360 | | | | |

| STATION | MANGALORE/BAJPE | | | | | | | | | | | | MINICOY | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.6 | 00.1 | 070 | 31 | 05.3 | 04.6 | 292 | 31 | 01.9 | 01.3 | 300 | 31 | 03.1 | 02.8 | 287 | 31 | 03.6 | 03.1 | 287 | 31 | 05.1 | 04.2 | 285 |
| .15 A.G.L. | 30 | 03.5 | 02.0 | 306 | 30 | 06.5 | 05.9 | 290 | 30 | 04.8 | 03.7 | 301 | 31 | 05.3 | 04.8 | 295 | 30 | 05.1 | 04.5 | 294 | 31 | 06.1 | 05.4 | 285 |
| .3A.M.S.L. | 30 | 03.9 | 02.7 | 293 | 30 | 06.6 | 06.0 | 290 | 30 | 05.1 | 04.0 | 298 | 31 | 05.6 | 05.2 | 294 | 30 | 05.3 | 04.7 | 293 | 31 | 06.1 | 05.3 | 288 |
| .6 ,, | 30 | 04.8 | 03.8 | 289 | 30 | 06.0 | 05.2 | 296 | 30 | 05.7 | 04.1 | 299 | 31 | 06.0 | 05.6 | 292 | 29 | 05.7 | 05.3 | 294 | 31 | 05.8 | 05.1 | 291 |
| .9 ,, | 28 | 05.1 | 03.9 | 282 | 30 | 05.1 | 03.9 | 303 | 30 | 05.0 | 03.6 | 294 | 30 | 05.9 | 05.5 | 288 | 26 | 05.4 | 05.0 | 289 | 31 | 05.9 | 05.4 | 286 |
| 1.5 ,, | 24 | 05.2 | 03.6 | 286 | 28 | 04.7 | 03.1 | 301 | 27 | 04.6 | 02.3 | 288 | 28 | 05.7 | 05.1 | 285 | 25 | 04.6 | 03.9 | 293 | 31 | 05.8 | 05.1 | 275 |
| 2.1 ,, | 15 | 05.0 | 01.9 | 316 | 24 | 06.0 | 03.3 | 355 | 23 | 05.2 | 02.5 | 341 | 27 | 04.3 | 02.8 | 307 | 20 | 04.4 | 03.2 | 325 | 31 | 04.8 | 03.1 | 295 |
| 3.0 ,, | 13 | 07.3 | 04.4 | 093 | 16 | 06.0 | 02.7 | 088 | 19 | 06.9 | 02.8 | 065 | 21 | 05.6 | 02.4 | 043 | 17 | 05.7 | 02.6 | 049 | 31 | 05.1 | 01.9 | 012 |
| 3.6 ,, | 11 | 09.0 | 05.7 | 088 | 16 | 06.5 | 03.3 | 100 | 13 | 05.5 | 03.2 | 092 | 18 | 06.1 | 03.0 | 066 | 16 | 06.7 | 03.4 | 080 | 31 | 06.0 | 01.9 | 035 |
| 4.5 ,, | 10 | 07.4 | 03.6 | 107 | 15 | 06.3 | 03.2 | 101 | 09 | 05.4 | 02.0 | 098 | 14 | 06.0 | 02.2 | 080 | 15 | 05.3 | 01.0 | 091 | 31 | 04.7 | 00.8 | 035 |
| 5.4 ,, | 08 | 07.1 | 01.5 | 148 | 10 | 05.4 | 02.2 | 089 | 04 | 06.0 | 03.4 | 226 | 14 | 05.6 | 01.5 | 137 | 12 | 05.1 | 01.5 | 144 | 30 | 04.4 | 00.4 | 308 |
| 6.0 ,, | 07 | 07.1 | 02.3 | 155 | 08 | 05.7 | 04.9 | 078 | 02 | 09.0 | 05.2 | 165 | 13 | 06.2 | 01.9 | 119 | 11 | 05.4 | 02.8 | 130 | 30 | 04.5 | 00.4 | 297 |
| 7.2 ,, | 05 | 09.2 | 04.3 | 155 | 08 | 06.6 | 05.9 | 085 | | | | | 10 | 04.7 | 01.1 | 124 | 07 | 06.3 | 04.1 | 088 | 30 | 04.9 | 01.0 | 067 |
| 9.0 ,, | 03 | 09.7 | 03.4 | 109 | 05 | 07.8 | 02.8 | 140 | | | | | 07 | 03.3 | 01.1 | 119 | 03 | 06.0 | 02.5 | 100 | 29 | 04.4 | 01.5 | 113 |

| STATION | MINICOY | | | | NAGPUR/SONEGAON | | | | | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.2 | 02.7 | 293 | 31 | 04.3 | 04.0 | 313 | 31 | 04.0 | 03.1 | 326 | 31 | 04.4 | 02.7 | 302 | 31 | 02.2 | 01.4 | 315 | 31 | 03.2 | 02.0 | 305 |
| .15 A.G.L. | 30 | 05.4 | 04.7 | 294 | 31 | 10.0 | 08.7 | 315 | 30 | 06.6 | 05.2 | 321 | 31 | 07.2 | 05.0 | 309 | 31 | 09.4 | 07.0 | 309 | 31 | 09.3 | 06.3 | 310 |
| .3A.M.S.L. | 30 | 05.7 | 05.0 | 294 | | | | | | | | | | | | | | | | | 31 | 05.9 | 04.1 | 308 |
| .6 ,, | 30 | 06.0 | 05.4 | 292 | 31 | 11.1 | 09.3 | 318 | 30 | 06.9 | 05.1 | 322 | 31 | 06.7 | 04.5 | 308 | 31 | 09.7 | 07.4 | 314 | 31 | 09.7 | 06.7 | 313 |
| .9 ,, | 28 | 05.9 | 05.4 | 288 | 31 | 11.1 | 09.1 | 323 | 30 | 06.5 | 04.8 | 324 | 31 | 06.0 | 03.8 | 304 | 31 | 08.9 | 06.6 | 318 | 31 | 09.7 | 07.4 | 304 |
| 1.5 ,, | 26 | 04.8 | 04.3 | 281 | 31 | 08.1 | 05.6 | 320 | 29 | 06.3 | 04.6 | 322 | 31 | 06.4 | 04.2 | 298 | 31 | 07.5 | 04.8 | 328 | 31 | 09.8 | 09.0 | 300 |
| 2.1 ,, | 22 | 03.9 | 02.2 | 305 | 31 | 06.6 | 03.4 | 313 | 27 | 06.6 | 03.9 | 313 | 31 | 06.3 | 03.7 | 296 | 30 | 05.9 | 03.4 | 323 | 31 | 10.2 | 09.6 | 295 |
| 3.0 ,, | 21 | 05.1 | 01.8 | 046 | 31 | 07.2 | 01.5 | 247 | 26 | 07.1 | 02.9 | 269 | 31 | 07.7 | 04.3 | 304 | 24 | 05.6 | 01.4 | 302 | 31 | 10.4 | 09.5 | 301 |
| 3.6 ,, | 11 | 05.6 | 03.2 | 107 | 31 | 07.5 | 01.7 | 230 | 27 | 06.9 | 03.2 | 258 | 31 | 07.3 | 03.6 | 304 | 16 | 05.6 | 00.3 | 091 | 31 | 10.4 | 09.3 | 302 |
| 4.5 ,, | 03 | 02.7 | 00.3 | 032 | 31 | 07.8 | 02.1 | 251 | 25 | 06.8 | 02.9 | 271 | 31 | 07.1 | 03.3 | 285 | 01 | 03.0 | 03.0 | 280 | 31 | 10.5 | 09.2 | 295 |
| 5.4 ,, | | | | | 31 | 08.1 | 03.3 | 283 | 25 | 07.8 | 04.6 | 284 | 31 | 08.2 | 04.0 | 297 | 01 | 04.0 | 04.0 | 290 | 31 | 11.1 | 09.5 | 283 |
| 6.0 ,, | | | | | 30 | 07.7 | 04.7 | 284 | 23 | 08.0 | 06.5 | 288 | 31 | 07.9 | 04.2 | 280 | 01 | 05.0 | 05.0 | 260 | 31 | 12.6 | 10.7 | 278 |
| 7.2 ,, | | | | | 30 | 08.9 | 06.7 | 268 | 23 | 08.4 | 06.8 | 278 | 31 | 08.2 | 05.5 | 265 | | | | | 31 | 16.8 | 14.4 | 269 |
| 9.0 ,, | | | | | 30 | 10.1 | 08.6 | 252 | 22 | 10.0 | 08.0 | 255 | 31 | 09.5 | 07.7 | 247 | | | | | 31 | 25.8 | 23.8 | 266 |

| STATION | NEW DELHI/SAFDARJUNG | | | | | | | | POONA | | | | | | | | | | | | PORT BLAIR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 * | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.7 | 02.0 | 271 | 31 | 02.5 | 01.9 | 315 | 31 | 00.3 | 00.3 | 270 | 31 | 02.1 | 01.7 | 288 | 30 | 01.2 | 01.2 | 268 | 31 | 05.9 | 05.3 | 242 |
| .15 A.G.L. | 30 | 06.4 | 05.0 | 287 | 31 | 06.2 | 04.4 | 312 | 29 | 05.5 | 04.9 | 268 | 30 | 07.2 | 05.9 | 286 | 30 | 06.3 | 05.8 | 266 | 31 | 08.2 | 07.5 | 245 |
| .3A.M.S.L. | 30 | 05.6 | 04.4 | 283 | 31 | 03.7 | 02.8 | 320 | | | | | | | | | | | | | 31 | 08.4 | 07.6 | 245 |
| .6 ,, | 30 | 06.5 | 05.0 | 289 | 31 | 06.4 | 04.6 | 310 | 29 | 02.6 | 02.4 | 255 | 30 | 04.6 | 03.8 | 288 | 30 | 03.4 | 03.2 | 257 | 31 | 10.1 | 09.3 | 247 |
| .9 ,, | 30 | 07.7 | 06.2 | 272 | 31 | 06.7 | 05.2 | 310 | 29 | 07.1 | 06.0 | 284 | 30 | 07.3 | 05.8 | 284 | 30 | 07.5 | 06.8 | 282 | 31 | 10.4 | 09.3 | 255 |
| 1.5 ,, | 26 | 08.7 | 07.7 | 306 | 31 | 07.9 | 06.7 | 298 | 29 | 09.3 | 06.5 | 303 | 30 | 07.7 | 06.2 | 293 | 30 | 10.1 | 08.3 | 309 | 31 | 07.6 | 05.8 | 255 |
| 2.1 ,, | 23 | 08.5 | 08.0 | 314 | 31 | 08.4 | 07.5 | 302 | 29 | 06.8 | 01.9 | 285 | 29 | 07.5 | 05.0 | 296 | 30 | 07.9 | 03.1 | 309 | 31 | 07.2 | 04.6 | 267 |
| 3.0 ,, | 21 | 09.6 | 08.7 | 310 | 31 | 09.5 | 08.6 | 296 | 29 | 06.4 | 01.6 | 184 | 28 | 06.7 | 01.4 | 249 | 28 | 06.9 | 01.3 | 129 | 31 | 06.8 | 03.8 | 266 |
| 3.6 ,, | 20 | 10.1 | 09.3 | 312 | 31 | 09.8 | 09.0 | 295 | 21 | 06.0 | 01.9 | 161 | 28 | 06.9 | 00.6 | 155 | 22 | 06.5 | 03.4 | 111 | 31 | 06.7 | 03.1 | 260 |
| 4.5 ,, | 17 | 11.1 | 09.3 | 307 | 31 | 11.1 | 09.9 | 291 | 08 | 05.6 | 03.4 | 068 | 27 | 05.6 | 01.4 | 036 | 07 | 05.4 | 03.4 | 041 | 31 | 06.7 | 02.6 | 261 |
| 5.4 ,, | 13 | 10.1 | 08.5 | 296 | 31 | 12.5 | 11.0 | 290 | 06 | 03.7 | 02.0 | 003 | 26 | 04.9 | 01.4 | 017 | 02 | 07.5 | 07.4 | 015 | 30 | 07.1 | 01.2 | 296 |
| 6.0 ,, | 10 | 12.0 | 10.8 | 296 | 31 | 13.8 | 12.1 | 288 | 05 | 04.2 | 01.8 | 331 | 26 | 05.0 | 01.4 | 308 | 02 | 07.0 | 07.0 | 008 | 30 | 07.5 | 01.0 | 314 |
| 7.2 ,, | 06 | 18.7 | 17.1 | 291 | 31 | 17.2 | 15.0 | 275 | 02 | 03.0 | 01.1 | 154 | 20 | 06.5 | 01.8 | 275 | | | | | 30 | 06.2 | 02.4 | 081 |
| 9.0 ,, | 03 | 23.0 | 21.0 | 286 | 31 | 24.5 | 22.3 | 268 | 01 | 07.0 | 07.0 | 100 | 14 | 07.8 | 04.7 | 252 | | | | | 30 | 05.2 | 02.6 | 092 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STATION | PORT BLAIR | | | | | | | | | | | | RAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 06.0 | 05.5 | 253 | 31 | 08.0 | 07.1 | 256 | 31 | 04.5 | 04.1 | 250 | 31 | 01.5 | 00.7 | 274 | 31 | 01.9 | 01.3 | 286 | 31 | 01.7 | 00.8 | 250 |
| .15 A.G.L. | 30 | 07.3 | 06.8 | 253 | 31 | 09.1 | 08.5 | 249 | 30 | 07.9 | 07.1 | 250 | 31 | 07.4 | 03.7 | 314 | 31 | 05.4 | 03.4 | 285 | 31 | 08.0 | 03.9 | 267 |
| .3A.M.S.L. | 30 | 08.4 | 07.3 | 258 | 31 | 09.3 | 08.7 | 249 | 30 | 08.5 | 07.9 | 250 | | | | | | | | | | | | |
| .6 ,, | 29 | 09.6 | 08.1 | 258 | 31 | 10.5 | 09.8 | 249 | 30 | 09.4 | 08.7 | 257 | 31 | 08.9 | 04.4 | 322 | 31 | 06.1 | 03.8 | 285 | 31 | 08.2 | 04.3 | 278 |
| .9 ,, | 26 | 09.4 | 08.5 | 260 | 31 | 10.4 | 09.4 | 251 | 28 | 08.9 | 08.1 | 260 | 31 | 09.9 | 05.3 | 338 | 31 | 05.9 | 04.1 | 288 | 30 | 08.1 | 04.6 | 286 |
| 1.5 ,, | 21 | 07.4 | 05.9 | 268 | 31 | 08.3 | 06.2 | 260 | 26 | 06.8 | 05.4 | 258 | 31 | 08.4 | 05.6 | 327 | 31 | 06.0 | 04.0 | 293 | 30 | 06.4 | 04.3 | 302 |
| 2.1 ,, | 10 | 08.1 | 05.7 | 277 | 31 | 07.1 | 04.3 | 269 | 17 | 05.8 | 02.8 | 284 | 31 | 07.6 | 05.0 | 322 | 31 | 06.3 | 04.5 | 301 | 30 | 06.2 | 04.3 | 308 |
| 3.0 ,, | 05 | 08.4 | 06.4 | 307 | 31 | 06.9 | 03.3 | 282 | 10 | 05.0 | 01.5 | 330 | 30 | 07.8 | 04.4 | 312 | 31 | 06.6 | 04.8 | 313 | 29 | 06.0 | 03.7 | 323 |
| 3.6 ,, | 04 | 07.5 | 05.6 | 275 | 31 | 06.3 | 02.2 | 281 | 03 | 02.0 | 01.6 | 298 | 29 | 07.9 | 03.9 | 299 | 29 | 07.7 | 05.1 | 319 | 22 | 05.0 | 03.2 | 324 |
| 4.5 ,, | 02 | 02.5 | 02.1 | 009 | 31 | 06.0 | 01.7 | 272 | 01 | 03.0 | 03.0 | 355 | 28 | 07.9 | 03.5 | 293 | 29 | 07.8 | 04.7 | 317 | 11 | 06.6 | 02.5 | 297 |
| 5.4 ,, | 01 | 03.0 | 03.0 | 077 | 31 | 06.6 | 00.5 | 215 | | | | | 24 | 08.0 | 03.7 | 293 | 27 | 09.3 | 05.5 | 308 | 05 | 08.2 | 04.5 | 272 |
| 6.0 ,, | 01 | 06.0 | 06.0 | 071 | 31 | 06.7 | 00.9 | 103 | | | | | 21 | 08.3 | 05.2 | 308 | 27 | 08.5 | 05.5 | 297 | 05 | 08.8 | 05.4 | 273 |
| 7.2 ,, | 01 | 05.0 | 05.0 | 090 | 30 | 06.6 | 02.0 | 096 | | | | | 20 | 08.0 | 06.0 | 289 | 23 | 09.5 | 06.7 | 282 | | | | |
| 9.0 ,, | 01 | 09.0 | 09.0 | 080 | 28 | 06.0 | 03.6 | 094 | | | | | 15 | 08.8 | 07.1 | 263 | 17 | 11.8 | 09.6 | 255 | | | | |

| STATION | RAXAUL | | | | | | | | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.5 | 00.8 | 079 | 31 | 02.8 | 01.4 | 221 | 29 | 00.5 | 00.1 | 025 | 23 | 01.0 | 00.5 | 279 | 31 | 05.4 | 05.3 | 269 | 31 | 03.6 | 02.3 | 255 |
| .15 A.G.L. | 31 | 09.2 | 02.4 | 103 | 31 | 06.3 | 02.6 | 225 | 29 | 02.4 | 00.4 | 113 | 23 | 02.7 | 01.9 | 317 | 30 | 08.9 | 08.8 | 274 | 31 | 04.8 | 03.3 | 261 |
| .3A.M.S.L. | 31 | 09.9 | 02.6 | 105 | 31 | 06.4 | 02.3 | 228 | | | | | | | | | 30 | 09.6 | 09.5 | 273 | 31 | 05.1 | 03.3 | 261 |
| .6 ,, | 31 | 10.1 | 01.8 | 108 | 31 | 07.1 | 02.8 | 240 | | | | | | | | | 30 | 11.2 | 10.8 | 271 | 31 | 05.3 | 03.6 | 260 |
| .9 ,, | 31 | 09.2 | 00.6 | 224 | 31 | 06.6 | 02.9 | 261 | | | | | | | | | 30 | 10.0 | 09.3 | 268 | 31 | 05.0 | 03.9 | 264 |
| 1.5 ,, | 31 | 07.5 | 03.5 | 272 | 27 | 07.0 | 05.5 | 272 | | | | | | | | | 29 | 05.9 | 04.0 | 271 | 30 | 05.2 | 04.0 | 277 |
| 2.1 ,, | 26 | 08.7 | 07.0 | 281 | 22 | 07.0 | 05.6 | 281 | 29 | 02.2 | 00.5 | 130 | 23 | 02.7 | 01.4 | 328 | 28 | 04.7 | 01.7 | 308 | 28 | 04.4 | 03.2 | 295 |
| 3.0 ,, | 20 | 13.3 | 13.2 | 292 | 19 | 11.7 | 11.4 | 287 | 29 | 03.7 | 01.4 | 158 | 23 | 03.7 | 02.1 | 010 | 25 | 06.7 | 02.9 | 047 | 27 | 05.4 | 02.5 | 001 |
| 3.6 ,, | 14 | 13.4 | 13.3 | 296 | 15 | 11.1 | 10.9 | 292 | 29 | 05.1 | 03.0 | 155 | 23 | 05.1 | 03.6 | 186 | 22 | 07.8 | 03.5 | 034 | 24 | 06.2 | 03.0 | 009 |
| 4.5 ,, | 09 | 11.8 | 11.6 | 303 | 09 | 10.5 | 10.3 | 298 | 29 | 06.8 | 03.7 | 206 | 23 | 07.7 | 05.9 | 222 | 16 | 06.6 | 01.1 | 012 | 20 | 07.5 | 03.3 | 011 |
| 5.4 ,, | 07 | 12.7 | 11.8 | 302 | 07 | 12.3 | 12.1 | 299 | 29 | 09.8 | 07.4 | 265 | 22 | 09.2 | 07.1 | 241 | 12 | 06.0 | 01.8 | 020 | 18 | 06.0 | 01.1 | 001 |
| 6.0 ,, | 04 | 13.7 | 12.9 | 316 | 05 | 11.2 | 10.6 | 298 | 29 | 11.4 | 09.0 | 262 | 22 | 09.7 | 07.5 | 248 | 10 | 05.1 | 02.2 | 086 | 16 | 05.5 | 01.1 | 027 |
| 7.2 ,, | 01 | 19.0 | 19.0 | 305 | 04 | 18.7 | 18.6 | 294 | 28 | 14.6 | 11.8 | 273 | 22 | 14.1 | 12.0 | 270 | 08 | 06.3 | 01.0 | 053 | 10 | 04.6 | 01.3 | 090 |
| 9.0 ,, | | | | | 01 | 21.0 | 21.0 | 307 | 28 | 20.3 | 17.0 | 266 | 22 | 19.0 | 15.8 | 269 | 03 | 06.3 | 06.3 | 077 | 03 | 05.3 | 04.8 | 111 |

| STATION | TIRUCHCHIRAPPALLI | | | | TRIVANDRUM | | | | | | | | | | | | | | | | UDAIPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.6 | 03.3 | 234 | 31 | 02.4 | 02.1 | 341 | 31 | 04.1 | 03.7 | 300 | 31 | 05.4 | 05.0 | 302 | 31 | 02.7 | 02.5 | 321 | 31 | 01.2 | 00.9 | 247 |
| .15 A.G.L. | 31 | 06.8 | 05.0 | 236 | 28 | 07.4 | 07.1 | 333 | 31 | 06.6 | 06.0 | 296 | 29 | 08.0 | 07.8 | 298 | 31 | 05.7 | 05.4 | 317 | 31 | 04.1 | 03.2 | 267 |
| .3A.M.S.L. | 31 | 07.6 | 05.7 | 237 | 28 | 07.7 | 07.3 | 329 | 31 | 06.6 | 06.1 | 298 | 29 | 08.0 | 07.7 | 298 | 31 | 06.8 | 06.4 | 319 | | | | |
| .6 ,, | 31 | 07.7 | 06.5 | 247 | 28 | 07.9 | 07.5 | 312 | 31 | 07.2 | 06.7 | 305 | 29 | 08.4 | 07.9 | 303 | 31 | 08.8 | 08.3 | 314 | | | | |
| .9 ,, | 31 | 07.2 | 06.2 | 252 | 28 | 08.7 | 08.3 | 300 | 31 | 07.6 | 07.0 | 307 | 29 | 08.3 | 07.6 | 302 | 31 | 09.0 | 08.5 | 310 | 31 | 06.5 | 04.1 | 273 |
| 1.5 ,, | 31 | 05.4 | 04.1 | 276 | 28 | 08.3 | 07.6 | 296 | 22 | 08.5 | 07.3 | 322 | 29 | 06.9 | 06.1 | 309 | 29 | 07.6 | 06.8 | 300 | 31 | 08.5 | 05.0 | 281 |
| 2.1 ,, | 30 | 05.3 | 03.3 | 328 | 28 | 06.0 | 03.7 | 314 | 10 | 06.1 | 04.5 | 330 | 29 | 05.7 | 04.0 | 312 | 27 | 06.4 | 03.7 | 305 | 31 | 07.3 | 05.0 | 274 |
| 3.0 ,, | 27 | 06.7 | 04.1 | 041 | 27 | 06.0 | 03.0 | 012 | 07 | 07.0 | 04.1 | 040 | 29 | 06.4 | 02.7 | 357 | 19 | 06.8 | 02.5 | 035 | 31 | 06.5 | 04.1 | 270 |
| 3.6 ,, | 22 | 06.8 | 04.0 | 047 | 27 | 06.4 | 03.9 | 029 | 06 | 07.0 | 04.5 | 053 | 29 | 06.7 | 03.1 | 021 | 12 | 07.9 | 05.6 | 060 | 31 | 07.5 | 04.4 | 277 |
| 4.5 ,, | 16 | 07.1 | 01.3 | 339 | 27 | 05.9 | 02.7 | 024 | 05 | 06.0 | 02.6 | 082 | 28 | 05.3 | 02.1 | 032 | 08 | 04.9 | 03.0 | 028 | 28 | 09.0 | 05.0 | 280 |
| 5.4 ,, | 01 | 03.0 | 03.0 | 225 | 26 | 05.4 | 01.9 | 030 | 04 | 05.0 | 00.6 | 171 | 28 | 05.5 | 01.4 | 333 | 03 | 04.3 | 01.7 | 110 | 27 | 09.2 | 07.1 | 292 |
| 6.0 ,, | 01 | 03.0 | 03.0 | 225 | 26 | 05.3 | 01.6 | 034 | 04 | 04.8 | 01.5 | 358 | 28 | 04.9 | 00.4 | 309 | 02 | 04.5 | 02.3 | 109 | 26 | 09.8 | 07.4 | 288 |
| 7.2 ,, | 01 | 03.0 | 03.0 | 230 | 25 | 04.6 | 02.7 | 061 | 03 | 03.7 | 01.2 | 118 | 28 | 05.0 | 01.6 | 054 | 01 | 06.0 | 06.0 | 094 | 24 | 12.5 | 10.2 | 274 |
| 9.0 ,, | | | | | 25 | 05.1 | 01.9 | 090 | | | | | 28 | 05.4 | 01.6 | 084 | | | | | 22 | 17.1 | 15.0 | 270 |

| STATION | UDAIPUR | | | | | | | | VENGURLA | | | | | | | | | | | | VERAVAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.4 | 234 | 31 | 01.4 | 01.3 | 242 | 31 | 00.9 | 00.5 | 308 | 31 | 02.8 | 02.5 | 263 | 31 | 00.8 | 00.4 | 279 | 31 | 05.3 | 04.2 | 262 |
| .15 A.G.L. | 30 | 04.5 | 03.1 | 244 | 31 | 06.1 | 04.3 | 261 | 30 | 04.1 | 03.2 | 296 | 31 | 05.6 | 05.2 | 272 | 30 | 04.1 | 03.1 | 285 | 31 | 07.6 | 05.0 | 270 |
| .3A.M.S.L. | | | | | | | | | 30 | 04.9 | 03.9 | 297 | 31 | 06.1 | 05.5 | 278 | 30 | 04.7 | 03.6 | 290 | 31 | 08.4 | 05.4 | 275 |
| .6 ,, | | | | | | | | | 30 | 05.2 | 04.1 | 295 | 31 | 05.6 | 04.3 | 293 | 30 | 05.0 | 03.8 | 293 | 31 | 09.4 | 06.3 | 278 |
| .9 ,, | 30 | 05.0 | 03.6 | 242 | 31 | 07.1 | 04.8 | 267 | 23 | 05.8 | 05.2 | 304 | 29 | 05.3 | 04.5 | 315 | 28 | 04.9 | 04.2 | 310 | 30 | 09.3 | 06.4 | 282 |
| 1.5 ,, | 30 | 04.9 | 03.8 | 253 | 31 | 07.9 | 05.7 | 270 | 20 | 08.3 | 06.5 | 319 | 28 | 07.0 | 05.6 | 335 | 28 | 07.0 | 05.3 | 328 | 28 | 07.6 | 04.0 | 281 |
| 2.1 ,, | 30 | 05.0 | 03.8 | 265 | 27 | 06.1 | 04.0 | 273 | 14 | 07.2 | 01.8 | 306 | 28 | 07.8 | 04.6 | 333 | 21 | 06.9 | 03.0 | 324 | 24 | 06.8 | 02.2 | 282 |
| 3.0 ,, | 30 | 05.8 | 03.9 | 272 | 23 | 05.1 | 02.1 | 250 | 06 | 06.2 | 02.0 | 109 | 28 | 07.3 | 01.0 | 020 | 13 | 05.1 | 03.2 | 165 | 19 | 06.8 | 01.7 | 318 |
| 3.6 ,, | 29 | 05.6 | 03.6 | 263 | 19 | 05.7 | 01.7 | 253 | 01 | 05.0 | 05.0 | 175 | 27 | 07.4 | 00.6 | 101 | 11 | 06.0 | 03.9 | 126 | 12 | 06.5 | 02.1 | 320 |
| 4.5 ,, | 27 | 07.1 | 04.1 | 277 | 10 | 07.3 | 02.9 | 335 | | | | | 26 | 06.8 | 01.5 | 097 | 03 | 04.0 | 03.0 | 024 | 03 | 05.3 | 02.7 | 193 |
| 5.4 ,, | 26 | 08.0 | 05.4 | 272 | | | | | | | | | 24 | 06.9 | 03.9 | 077 | | | | | 02 | 05.5 | 02.9 | 306 |
| 6.0 ,, | 26 | 09.0 | 06.7 | 272 | | | | | | | | | 24 | 06.3 | 04.2 | 084 | | | | | 01 | 04.0 | 04.0 | 255 |
| 7.2 ,, | 25 | 11.1 | 09.2 | 271 | | | | | | | | | 22 | 05.4 | 01.8 | 103 | | | | | 01 | 09.0 | 09.0 | 225 |
| 9.0 ,, | 23 | 17.2 | 14.9 | 269 | | | | | | | | | 18 | 06.6 | 02.3 | 152 | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

MAY 1966.(VAISAKHA 11 - JYAISTHA 10.1888 SAKA)

| STATION | VERAVAL | | | | | | | | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 06.9 | 06.5 | 265 | 31 | 05.5 | 05.1 | 265 | 31 | 02.8 | 00.8 | 272 | 31 | 04.0 | 01.1 | 289 | 31 | 03.3 | 01.5 | 158 | 31 | 03.6 | 01.9 | 279 |
| .15 A.G.L. | 31 | 07.8 | 07.2 | 254 | 31 | 07.6 | 06.7 | 269 | 31 | 05.4 | 01.2 | 268 | 31 | 05.6 | 01.5 | 307 | 31 | 06.9 | 03.5 | 184 | 31 | 05.7 | 03.2 | 288 |
| .3A.M.S.L. | 31 | 08.0 | 06.9 | 258 | 31 | 08.4 | 07.4 | 272 | 31 | 06.7 | 02.9 | 268 | 31 | 05.6 | 01.5 | 300 | 31 | 07.2 | 04.0 | 203 | 31 | 05.8 | 03.4 | 283 |
| .6 ,, | 31 | 09.3 | 07.9 | 270 | 31 | 09.6 | 08.6 | 277 | 31 | 09.2 | 05.1 | 273 | 31 | 05.3 | 01.9 | 294 | 31 | 07.1 | 03.9 | 227 | 31 | 06.9 | 05.5 | 253 |
| .9 ,, | 30 | 09.5 | 08.2 | 276 | 30 | 09.6 | 08.6 | 278 | 31 | 09.9 | 05.9 | 288 | 31 | 05.0 | 02.1 | 299 | 31 | 06.4 | 03.4 | 256 | 31 | 06.9 | 05.5 | 251 |
| 1.5 ,, | 30 | 08.7 | 06.7 | 278 | 29 | 08.3 | 06.1 | 277 | 29 | 08.9 | 05.2 | 318 | 31 | 05.5 | 03.2 | 320 | 31 | 05.8 | 03.5 | 289 | 29 | 07.2 | 05.2 | 294 |
| 2.1 ,, | 30 | 08.1 | 05.4 | 291 | 27 | 06.6 | 02.5 | 285 | 29 | 08.7 | 04.9 | 332 | 31 | 05.7 | 03.2 | 328 | 31 | 06.0 | 03.3 | 316 | 28 | 07.1 | 04.3 | 316 |
| 3.0 ,, | 30 | 07.5 | 04.3 | 307 | 22 | 05.6 | 01.6 | 316 | 27 | 08.0 | 04.6 | 354 | 30 | 06.2 | 03.1 | 332 | 30 | 06.4 | 03.7 | 328 | 28 | 06.9 | 03.7 | 001 |
| 3.6 ,, | 29 | 07.3 | 03.5 | 322 | 09 | 04.8 | 01.1 | 317 | 25 | 06.9 | 04.6 | 008 | 29 | 06.9 | 03.0 | 333 | 24 | 06.1 | 04.1 | 345 | 28 | 07.3 | 04.3 | 011 |
| 4.5 ,, | 29 | 06.8 | 02.9 | 327 | 03 | 10.3 | 03.4 | 189 | 22 | 06.4 | 03.3 | 032 | 26 | 07.0 | 02.9 | 358 | 18 | 06.2 | 03.8 | 360 | 27 | 07.2 | 03.5 | 018 |
| 5.4 ,, | 29 | 06.8 | 03.5 | 289 | 02 | 08.0 | 06.1 | 221 | 19 | 06.2 | 01.8 | 033 | 20 | 07.3 | 02.3 | 353 | 05 | 07.8 | 04.1 | 017 | 27 | 07.0 | 02.9 | 037 |
| 6.0 ,, | 29 | 07.8 | 04.9 | 283 | 02 | 10.0 | 09.7 | 237 | 17 | 06.1 | 01.7 | 354 | 19 | 07.0 | 01.5 | 001 | 04 | 08.5 | 02.1 | 335 | 27 | 07.0 | 02.1 | 027 |
| 7.2 ,, | 28 | 09.6 | 06.5 | 287 | | | | | 16 | 07.3 | 02.3 | 008 | 07 | 04.7 | 02.5 | 058 | | | | | 27 | 07.9 | 01.6 | 008 |
| 9.0 ,, | 18 | 15.1 | 09.4 | 265 | | | | | 09 | 09.7 | 02.8 | 289 | 02 | 14.0 | 01.5 | 322 | | | | | 26 | 08.0 | 00.5 | 124 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.0 | 02.7 | 197 | 31 | 03.0 | 01.6 | 227 | 31 | 02.4 | 01.5 | 222 | | | | | | | | | | | | |
| .15 A.G.L. | 31 | 05.7 | 05.2 | 201 | 31 | 04.4 | 02.3 | 225 | 31 | 04.9 | 03.6 | 227 | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 05.5 | 04.7 | 215 | 31 | 04.5 | 02.8 | 227 | 31 | 05.5 | 04.0 | 319 | | | | | | | | | | | | |
| .6 ,, | 31 | 04.7 | 03.5 | 259 | 31 | 04.0 | 02.7 | 220 | 31 | 05.6 | 04.7 | 232 | | | | | | | | | | | | |
| .9 ,, | 31 | 04.9 | 03.5 | 275 | 31 | 03.6 | 01.9 | 227 | 31 | 04.9 | 03.6 | 247 | | | | | | | | | | | | |
| 1.5 ,, | 31 | 06.0 | 03.0 | 300 | 31 | 03.8 | 01.0 | 321 | 25 | 04.6 | 02.9 | 263 | | | | | | | | | | | | |
| 2.1 ,, | 30 | 07.0 | 02.6 | 336 | 30 | 05.7 | 03.4 | 336 | 24 | 04.5 | 02.6 | 303 | | | | | | | | | | | | |
| 3.0 ,, | 26 | 07.8 | 03.9 | 004 | 29 | 08.5 | 06.1 | 340 | 21 | 05.5 | 02.9 | 337 | | | | | | | | | | | | |
| 3.6 ,, | 24 | 07.0 | 03.0 | 031 | 29 | 08.0 | 05.1 | 344 | 15 | 05.9 | 03.3 | 360 | | | | | | | | | | | | |
| 4.5 ,, | 23 | 06.3 | 03.0 | 018 | 29 | 09.2 | 05.3 | 346 | 06 | 05.2 | 01.0 | 022 | | | | | | | | | | | | |
| 5.4 ,, | 22 | 05.9 | 03.2 | 025 | 29 | 08.0 | 04.2 | 343 | 01 | 03.0 | 03.0 | 260 | | | | | | | | | | | | |
| 6.0 ,, | 21 | 05.9 | 01.3 | 037 | 29 | 07.0 | 02.2 | 346 | | | | | | | | | | | | | | | | |
| 7.2 ,, | 16 | 06.4 | 02.9 | 346 | 29 | 07.5 | 02.1 | 002 | | | | | | | | | | | | | | | | |
| 9.0 ,, | 08 | 07.3 | 01.8 | 231 | 28 | 07.0 | 00.8 | 327 | | | | | | | | | | | | | | | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

MAY

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **AGARTALA** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 12.0 | 11.6 | 270 |
| 12.0 | 2 | 11.0 | 9.9 | 255 |
| 14.1 | 1 | 6.0 | 6.0 | 220 |
| 16.2 | 1 | 11.0 | 11.0 | 265 |
| 18.0 | 1 | 9.0 | 9.0 | 285 |
| | | 1730 hr. | | |
| 10.5 | 7 | 11.3 | 9.6 | 276 |
| 12.0 | 7 | 12.0 | 11.2 | 274 |
| 14.1 | 7 | 13.7 | 11.9 | 262 |
| 16.2 | 7 | 14.1 | 12.2 | 243 |
| 18.0 | 5 | 14.0 | 13.2 | 241 |
| 21.0 | 4 | 18.6 | 15.2 | 236 |
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 22.0 | 18.6 | 248 |
| 12.0 | 28 | 24.4 | 21.6 | 238 |
| 14.1 | 19 | 21.3 | 20.2 | 232 |
| 16.2 | 8 | 12.0 | 7.4 | 218 |
| 18.0 | 2 | 11.0 | 6.6 | 257 |
| | | 1130 hr. | | |
| 10.5 | 9 | 20.4 | 17.8 | 242 |
| 12.0 | 5 | 19.0 | 18.9 | 232 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 22.8 | 21.0 | 248 |
| 12.0 | 26 | 21.9 | 19.8 | 243 |
| 14.1 | 16 | 22.2 | 20.3 | 232 |
| 16.2 | 9 | 11.8 | 10.2 | 229 |
| 18.0 | 5 | 12.0 | 8.6 | 070 |
| 21.0 | 3 | 6.7 | 6.6 | 106 |
| | | **ALLAHABAD/ BAMHRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 23.1 | 22.3 | 256 |
| 12.0 | 25 | 25.4 | 24.0 | 253 |
| 14.1 | 19 | 19.0 | 18.4 | 240 |
| 16.2 | 12 | 13.7 | 12.7 | 235 |
| 18.0 | 3 | 9.0 | 6.9 | 283 |
| 21.0 | 1 | 15.0 | 15.0 | 120 |
| | | 1130 hr. | | |
| 10.5 | 1 | 29.0 | 29.0 | 245 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | 1730 hr.* | | |
| 10.5 | 24 | 22.3 | 21.7 | 252 |
| 12.0 | 24 | 23.0 | 22.1 | 254 |
| 14.1 | 15 | 19.9 | 18.9 | 240 |
| 16.2 | 8 | 15.0 | 14.1 | 246 |
| 18.0 | 3 | 7.6 | 3.1 | 300 |
| 21.0 | 1 | 8.0 | 8.0 | 215 |
| | | **AMBALA** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 22.7 | 21.8 | 286 |
| 12.0 | 2 | 10.5 | 10.1 | 316 |
| 14.1 | 1 | 4.0 | 4.0 | 235 |
| | | 1730 hr. | | |
| 10.5 | 2 | 34.5 | 33.9 | 283 |
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 12 | 8.6 | 2.5 | 208 |
| 12.0 | 10 | 6.8 | 4.3 | 168 |
| 14.1 | 5 | 9.8 | 6.7 | 162 |
| 16.2 | 4 | 13.0 | 12.9 | 113 |
| 18.0 | 3 | 21.3 | 21.0 | 116 |
| 21.0 | 2 | 26.0 | 25.9 | 111 |
| | | 1730 hr. | | |
| 10.5 | 1 | 9.0 | 9.0 | 095 |
| | | **ASANSOL** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 13.0 | 12.9 | 261 |
| 12.0 | 1 | 7.0 | 7.0 | 275 |
| | | **AURANGABAD/ CHIKALTHAN** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 13.0 | 13.0 | 225 |
| 12.0 | 1 | 6.0 | 6.0 | 275 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 22 | 6.8 | 4.1 | 106 |
| 12.0 | 19 | 10.4 | 8.8 | 126 |
| 14.1 | 19 | 12.4 | 10.6 | 119 |
| 16.2 | 16 | 16.3 | 15.7 | 106 |
| 18.0 | 12 | 15.7 | 15.3 | 102 |
| 21.0 | 7 | 17.9 | 17.4 | 095 |
| 24.0 | 3 | 19.7 | 19.4 | 094 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | 1130 hr. | | |
| 10.5 | 9 | 9.8 | 6.3 | 119 |
| 12.0 | 7 | 11.3 | 10.2 | 118 |
| 14.1 | 6 | 12.3 | 10.7 | 112 |
| 16.2 | 5 | 16.0 | 15.1 | 122 |
| 18.0 | 4 | 17.3 | 16.1 | 103 |
| 21.0 | 2 | 18.5 | 18.5 | 098 |
| 24.0 | 1 | 25.0 | 25.0 | 080 |
| | | 1730 hr.● | | |
| 10.5 | 17 | 6.2 | 2.5 | 145 |
| 12.0 | 15 | 8.2 | 5.0 | 131 |
| 14.1 | 9 | 9.0 | 7.1 | 118 |
| 16.2 | 6 | 11.5 | 10.0 | 113 |
| 18.0 | 4 | 14.5 | 13.8 | 101 |
| 21.0 | 1 | 8.0 | 8.0 | 068 |
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 10 | 9.5 | 2.6 | 357 |
| 12.0 | 7 | 11.3 | 2.2 | 164 |
| 14.1 | 4 | 9.5 | 8.1 | 198 |
| | | 1730 hr. | | |
| 10.5 | 4 | 10.8 | 1.6 | 191 |
| 12.0 | 1 | 10.0 | 10.0 | 100 |
| | | **BHOPAL/ RAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 13 | 17.0 | 15.8 | 245 |
| 12.0 | 8 | 14.5 | 13.8 | 248 |
| 14.1 | 4 | 14.7 | 14.5 | 236 |
| 16.2 | 3 | 10.3 | 8.1 | 230 |
| 18.0 | 3 | 7.3 | 5.7 | 147 |
| 21.0 | 3 | 14.3 | 10.8 | 105 |
| 24.0 | 1 | 16.0 | 16.0 | 105 |
| 27.0 | 1 | 15.0 | 15.0 | 075 |
| | | 1730 hr. | | |
| 10.5 | 9 | 16.6 | 16.4 | 248 |
| 12.0 | 4 | 19.0 | 19.0 | 236 |
| | | **BHUBANESWAR** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 3.0 | 3.0 | 305 |
| 12.0 | 1 | 8.0 | 8.0 | 360 |
| | | **BHUJ/ RUDRAMATA** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 15.7 | 15.4 | 247 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **BHUJ/ RUDRAMATA (CONTD.)** | | |
| | | 0530 hr. (Contd.) | | |
| 12.0 | 3 | 16.7 | 16.5 | 236 |
| 14.1 | 3 | 19.3 | 18.8 | 227 |
| 16.2 | 1 | 18.0 | 18.0 | 218 |
| 18.0 | 1 | 17.0 | 17.0 | 198 |
| | | **BIKANER** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 25.0 | 25.0 | 245 |
| 12.0 | 1 | 45.0 | 45.0 | 235 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 10.9 | 8.3 | 227 |
| 12.0 | 31 | 12.8 | 9.9 | 220 |
| 14.1 | 20 | 12.3 | 9.0 | 212 |
| 16.2 | 15 | 11.0 | 7.3 | 183 |
| 18.0 | 5 | 11.0 | 10.0 | 110 |
| 21.0 | 1 | 21.0 | 20.2 | 095 |
| 24.0 | 1 | 22.0 | 22.0 | 092 |
| | | 1130 hr. | | |
| 10.5 | 3 | 10.7 | 9.7 | 211 |
| 12.0 | 2 | 10.5 | 10.5 | 219 |
| 14.1 | 1 | 8.0 | 8.0 | 150 |
| 16.2 | 1 | 11.0 | 11.0 | 150 |
| 18.0 | 1 | 13.0 | 13.0 | 130 |
| 21.0 | 1 | 18.0 | 18.0 | 085 |
| 24.0 | 1 | 17.0 | 17.0 | 100 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 10.1 | 6.0 | 236 |
| 12.0 | 30 | 11.3 | 8.4 | 227 |
| 14.1 | 24 | 12.3 | 9.0 | 205 |
| 16.2 | 16 | 10.8 | 7.4 | 193 |
| 18.0 | 11 | 8.5 | 6.0 | 119 |
| 21.0 | 2 | 17.5 | 17.3 | 103 |
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 9.9 | 9.4 | 261 |
| 12.0 | 31 | 11.0 | 10.0 | 250 |
| 14.1 | 31 | 8.9 | 7.3 | 233 |
| 16.2 | 30 | 7.5 | 3.9 | 176 |
| 18.0 | 16 | 7.9 | 5.8 | 114 |
| 21.0 | 5 | 10.2 | 9.5 | 096 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

MAY

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **CALCUTTA/ DUM DUM (CONTD.)** | | |
| | | 0530 hr.*(Contd.) | | |
| 24.0 | 1 | 13.0 | 13.0 | 084 |
| | | 1130 hr. | | |
| 10.5 | 4 | 14.2 | 13.1 | 258 |
| 12.0 | 1 | 11.0 | 11.0 | 250 |
| 14.1 | 1 | 10.0 | 10.0 | 290 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 11.9 | 11.0 | 260 |
| 12.0 | 30 | 12.4 | 11.5 | 250 |
| 14.1 | 29 | 10.0 | 8.1 | 235 |
| 16.2 | 29 | 8.1 | 3.1 | 164 |
| 18.0 | 16 | 10.9 | 9.1 | 096 |
| 21.0 | 2 | 12.0 | 11.3 | 112 |
| | | **DEHRA DUN** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 19.0 | 19.0 | 267 |
| | | **DIBRUGARH/ MOHANBARI** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 25.0 | 25.0 | 269 |
| 12.0 | 2 | 35.0 | 32.6 | 257 |
| 14.1 | 1 | 41.0 | 41.0 | 280 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 20 | 8.4 | 3.0 | 187 |
| 12.0 | 18 | 9.9 | 4.3 | 172 |
| 14.1 | 15 | 11.9 | 8.4 | 162 |
| 16.2 | 14 | 13.2 | 11.4 | 136 |
| 18.0 | 10 | 14.4 | 14.1 | 099 |
| 21.0 | 5 | 14.8 | 12.7 | 103 |
| | | 1730 hr. | | |
| 10.5 | 19 | 9.0 | 4.6 | 193 |
| 12.0 | 17 | 9.7 | 6.6 | 183 |
| 14.1 | 13 | 13.5 | 9.8 | 155 |
| 16.2 | 11 | 13.0 | 11.0 | 103 |
| 18.0 | 8 | 15.2 | 15.0 | 093 |
| 21.0 | 3 | 13.7 | 13.2 | 095 |
| | | **GANGTOK** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 35.6 | 35.6 | 252 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 25 | 19.2 | 18.1 | 260 |
| 12.0 | 25 | 18.7 | 17.8 | 255 |
| 14.1 | 22 | 19.3 | 18.2 | 252 |
| 16.2 | 14 | 11.5 | 9.9 | 116 |
| 18.0 | 10 | 7.2 | 4.3 | 205 |
| 21.0 | 5 | 8.4 | 8.4 | 086 |
| 24.0 | 1 | 8.0 | 8.0 | 072 |
| 27.0 | 1 | 13.0 | 13.0 | 110 |
| 30.0 | 1 | 17.0 | 17.0 | 094 |
| | | 1130 hr. | | |
| 10.5 | 1 | 24.0 | 24.0 | 259 |
| 12.0 | 1 | 21.0 | 21.0 | 260 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 21.5 | 20.8 | 261 |
| 12.0 | 29 | 22.5 | 22.1 | 257 |
| 14.1 | 26 | 20.1 | 18.6 | 254 |
| 16.2 | 20 | 13.8 | 11.1 | 243 |
| 18.0 | 13 | 11.5 | 7.0 | 130 |
| 21.0 | 5 | 8.8 | 7.9 | 082 |
| 24.0 | 2 | 9.0 | 5.4 | 175 |
| 27.0 | 1 | 10.0 | 10.0 | 175 |
| | | **GOA/ DABOLIM** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 6.0 | 6.0 | 140 |
| 12.0 | 1 | 10.5 | 10.5 | 130 |
| | | **GWALIOR** | | |
| | | 0530 hr. | | |
| 10.5 | 5 | 26.0 | 25.5 | 254 |
| 12.0 | 4 | 25.5 | 25.5 | 250 |
| 14.1 | 2 | 23.0 | 23.0 | 253 |
| 16.2 | 1 | 28.0 | 28.0 | 245 |
| | | 1130 hr. | | |
| 10.5 | 5 | 27.4 | 26.3 | 251 |
| 12.0 | 2 | 29.0 | 28.5 | 257 |
| 14.1 | 1 | 10.0 | 10.0 | 250 |
| | | 1730 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 280 |
| 12.0 | 1 | 23.0 | 23.0 | 270 |
| 14.1 | 1 | 24.0 | 24.0 | 250 |
| 16.2 | 1 | 25.0 | 25.0 | 245 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **IMPHAL/ TULIHAL** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 14.5 | 13.8 | 274 |
| 12.0 | 1 | 18.0 | 18.0 | 280 |
| 14.1 | 1 | 21.0 | 21.0 | 270 |
| | | 1130 hr. | | |
| 10.5 | 3 | 7.6 | 5.9 | 260 |
| 12.0 | 2 | 8.5 | 8.0 | 262 |
| 14.1 | 2 | 11.0 | 7.3 | 217 |
| 16.2 | 2 | 11.5 | 4.5 | 234 |
| 18.0 | 2 | 12.0 | 3.7 | 125 |
| 21.0 | 1 | 5.0 | 5.0 | 210 |
| 24.0 | 1 | 8.0 | 8.0 | 135 |
| 27.0 | 1 | 13.0 | 13.0 | 140 |
| | | 1730 hr. | | |
| 10.5 | 3 | 11.0 | 10.7 | 269 |
| 12.0 | 2 | 12.0 | 10.3 | 246 |
| | | **JABALPUR** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 15.0 | 15.0 | 275 |
| 12.0 | 1 | 15.0 | 15.0 | 250 |
| | | **JAGDALPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 8 | 11.1 | 6.9 | 225 |
| 12.0 | 3 | 11.0 | 10.5 | 236 |
| 14.1 | 2 | 8.0 | 8.0 | 200 |
| 16.2 | 1 | 15.0 | 15.0 | 175 |
| | | 1730 hr. | | |
| 10.5 | 3 | 10.0 | 6.4 | 211 |
| 12.0 | 3 | 9.3 | 6.8 | 206 |
| 14.1 | 2 | 9.5 | 8.2 | 132 |
| | | **JAIPUR/ SANGANER** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 16.0 | 16.0 | 260 |
| 12.0 | 1 | 19.0 | 19.0 | 255 |
| | | **JHARSUGUDA** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 6.4 | 6.0 | 262 |
| 12.0 | 5 | 7.2 | 6.2 | 223 |
| 14.1 | 5 | 8.8 | 5.6 | 191 |
| 16.2 | 5 | 8.8 | 3.1 | 167 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **JHARSUGUDA (CONTD.)** | | |
| | | 0530 hr. (Contd.) | | |
| 18.0 | 4 | 7.7 | 4.9 | 092 |
| 21.0 | 3 | 14.3 | 14.2 | 103 |
| | | 1730 hr. | | |
| 10.5 | 9 | 13.0 | 12.5 | 267 |
| 12.0 | 8 | 11.4 | 10.8 | 250 |
| 14.1 | 8 | 11.1 | 10.4 | 238 |
| 16.2 | 7 | 10.1 | 9.2 | 187 |
| 18.0 | 6 | 8.8 | 6.7 | 134 |
| 21.0 | 4 | 13.0 | 11.8 | 134 |
| 24.0 | 1 | 4.0 | 4.0 | 110 |
| | | **JODHPUR** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 28.2 | 25.9 | 262 |
| 12.0 | 28 | 30.2 | 28.4 | 252 |
| 14.1 | 27 | 20.1 | 19.4 | 249 |
| 16.2 | 21 | 16.5 | 14.2 | 251 |
| 18.0 | 10 | 16.2 | 10.3 | 238 |
| 21.0 | 1 | 10.0 | 10.0 | 050 |
| | | 1730 hr. | | |
| 10.5 | 30 | 28.5 | 26.7 | 262 |
| 12.0 | 28 | 27.9 | 26.1 | 255 |
| 14.1 | 25 | 24.3 | 23.2 | 251 |
| 16.2 | 21 | 14.5 | 12.1 | 255 |
| 18.0 | 16 | 9.4 | 4.0 | 234 |
| 21.0 | 6 | 11.3 | 2.2 | 088 |
| 24.0 | 2 | 9.5 | 9.3 | 101 |
| | | **LUCKNOW/ AMAUSI** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 30.0 | 27.5 | 257 |
| 12.0 | 1 | 29.0 | 29.0 | 261 |
| 14.1 | 1 | 39.0 | 39.0 | 261 |
| | | 1730 hr. | | |
| 10.5 | 3 | 27.0 | 21.7 | 295 |
| 12.0 | 2 | 30.5 | 30.0 | 281 |
| 14.1 | 2 | 24.5 | 24.0 | 254 |
| | | **MADRAS/ MINAMBAKKAM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 6.0 | 4.3 | 116 |
| 12.0 | 30 | 7.4 | 6.3 | 113 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

MAY

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **MADRAS/ MINAMBAKKAM (CONTD.)** | | |
| | | **0530 hr.* (Contd.)** | | |
| 14.1 | 25 | 11.5 | 10.0 | 110 |
| 16.2 | 13 | 10.3 | 9.3 | 092 |
| 18.0 | 8 | 16.4 | 15.8 | 091 |
| 21.0 | 1 | 23.0 | 23.0 | 082 |
| | | **1130 hr.** | | |
| 10.5 | 9 | 6.6 | 5.2 | 140 |
| 12.0 | 7 | 11.4 | 10.2 | 136 |
| 14.1 | 7 | 12.6 | 10.6 | 112 |
| 16.2 | 7 | 13.6 | 11.8 | 083 |
| 18.0 | 5 | 18.6 | 18.4 | 090 |
| 21.0 | 2 | 16.5 | 16.5 | 092 |
| 24.0 | 1 | 15.0 | 15.0 | 065 |
| | | **1730 hr.*** | | |
| 10.5 | 30 | 6.4 | 3.7 | 122 |
| 12.0 | 30 | 8.2 | 6.6 | 128 |
| 14.1 | 27 | 11.2 | 10.1 | 117 |
| 16.2 | 15 | 16.4 | 16.2 | 104 |
| 18.0 | 8 | 12.0 | 11.8 | 094 |
| 21.0 | 4 | 14.3 | 14.0 | 075 |
| 24.0 | 1 | 10.0 | 10.0 | 076 |
| | | **MANGALORE/ BAJPE** | | |
| | | **0530 hr.** | | |
| 10.5 | 1 | 9.0 | 9.0 | 170 |
| 12.0 | 1 | 10.0 | 10.0 | 225 |
| 14.1 | 1 | 4.0 | 4.0 | 114 |
| 16.2 | 1 | 13.0 | 13.0 | 125 |
| 18.0 | 1 | 20.0 | 20.0 | 110 |
| 21.0 | 1 | 18.0 | 18.0 | 100 |
| | | **1730 hr.** | | |
| 10.5 | 2 | 6.5 | 6.5 | 191 |
| 12.0 | 2 | 5.5 | 5.1 | 204 |
| 14.1 | 1 | 4.0 | 4.0 | 310 |
| 16.2 | 1 | 7.0 | 7.0 | 105 |
| | | **MINICOY** | | |
| | | **0530 hr.** | | |
| 10.5 | 4 | 4.5 | 2.3 | 157 |
| 12.0 | 2 | 5.0 | 4.7 | 088 |
| 14.1 | 1 | 5.0 | 5.0 | 035 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **MINICOY (CONTD.)** | | |
| | | **1130 hr.** | | |
| 10.5 | 1 | 3.0 | 3.0 | 220 |
| 12.0 | 1 | 5.0 | 5.0 | 125 |
| | | **1730 hr.*** | | |
| 10.5 | 28 | 5.8 | 2.7 | 116 |
| 12.0 | 27 | 7.7 | 5.4 | 106 |
| 14.1 | 24 | 12.8 | 11.0 | 108 |
| 16.2 | 23 | 13.9 | 12.4 | 100 |
| 18.1 | 19 | 18.2 | 17.7 | 095 |
| 21.0 | 13 | 23.1 | 22.6 | 092 |
| 24.0 | 4 | 17.5 | 15.1 | 074 |
| | | **NAGPUR/ SONEGAON** | | |
| | | **0530 hr.*** | | |
| 10.5 | 30 | 11.5 | 10.4 | 239 |
| 12.0 | 30 | 12.5 | 11.7 | 228 |
| 14.1 | 28 | 11.0 | 9.9 | 208 |
| 16.2 | 20 | 9.4 | 6.1 | 187 |
| 18.0 | 12 | 8.5 | 3.1 | 130 |
| 21.0 | 4 | 9.2 | 9.1 | 080 |
| 24.0 | 2 | 6.5 | 6.3 | 095 |
| | | **1130 hr.** | | |
| 10.5 | 17 | 11.8 | 9.9 | 243 |
| 12.0 | 8 | 7.2 | 6.5 | 206 |
| 14.1 | 1 | 6.0 | 6.0 | 200 |
| 16.2 | 1 | 11.0 | 11.0 | 170 |
| 18.0 | 1 | 16.0 | 16.0 | 115 |
| | | **1730 hr.*** | | |
| 10.5 | 31 | 12.0 | 11.0 | 242 |
| 12.0 | 30 | 12.9 | 11.6 | 227 |
| 14.1 | 27 | 14.0 | 12.7 | 215 |
| 16.2 | 25 | 10.2 | 7.8 | 196 |
| 18.0 | 18 | 9.3 | 7.0 | 102 |
| 21.0 | 8 | 11.8 | 11.1 | 082 |
| 24.0 | 3 | 16.0 | 15.0 | 076 |
| | | **NEW DELHI/ SAFDARJUNG** | | |
| | | **0530 hr.*** | | |
| 10.5 | 31 | 31.4 | 29.7 | 260 |
| 12.0 | 30 | 35.3 | 34.3 | 255 |
| 14.1 | 25 | 31.3 | 30.0 | 255 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **NEW DELHI/ SAFDARJUNG (CONTD.)** | | |
| | | **0530 hr.* (Contd.)** | | |
| 16.2 | 19 | 18.3 | 16.1 | 247 |
| 18.0 | 16 | 8.6 | 2.5 | 194 |
| 21.0 | 4 | 8.0 | 6.1 | 062 |
| 24.0 | 1 | 17.0 | 17.0 | 080 |
| | | **1130 hr.** | | |
| 10.5 | 1 | 29.0 | 29.0 | 290 |
| | | **1730 hr.*** | | |
| 10.5 | 31 | 30.2 | 28.1 | 265 |
| 12.0 | 31 | 35.9 | 34.2 | 260 |
| 14.1 | 30 | 27.3 | 26.0 | 260 |
| 16.2 | 23 | 19.3 | 17.0 | 265 |
| 18.0 | 12 | 8.1 | 3.9 | 261 |
| 21.0 | 7 | 7.1 | 5.4 | 119 |
| 24.0 | 2 | 12.0 | 2.5 | 220 |
| | | **POONA** | | |
| | | **1730 hr.** | | |
| 10.5 | 8 | 9.6 | 8.1 | 247 |
| 12.0 | 5 | 10.8 | 9.4 | 240 |
| 14.1 | 1 | 1.0 | 1.0 | 198 |
| | | **PORT BLAIR** | | |
| | | **0530 hr.*** | | |
| 10.5 | 30 | 7.0 | 5.7 | 099 |
| 12.0 | 29 | 12.6 | 11.8 | 089 |
| 14.1 | 25 | 19.0 | 18.5 | 089 |
| 16.2 | 24 | 19.6 | 18.9 | 091 |
| 18.0 | 24 | 21.0 | 20.6 | 091 |
| 21.0 | 10 | 24.1 | 23.0 | 092 |
| 24.0 | 2 | 27.0 | 27.0 | 085 |
| | | **1130 hr.** | | |
| 10.5 | 1 | 8.0 | 8.0 | 094 |
| 12.0 | 1 | 14.0 | 14.0 | 109 |
| 14.1 | 1 | 20.0 | 20.0 | 094 |
| 16.2 | 1 | 11.0 | 11.0 | 066 |
| 18.0 | 1 | 19.0 | 19.0 | 090 |
| | | **1730 hr.*** | | |
| 10.5 | 28 | 8.1 | 7.4 | 088 |
| 12.0 | 27 | 11.6 | 10.6 | 083 |
| 14.1 | 22 | 16.8 | 15.7 | 088 |
| 16.2 | 17 | 17.5 | 16.6 | 088 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **PORT BLAIR (CONTD.)** | | |
| | | **1730 hr.* (Contd.)** | | |
| 18.0 | 12 | 23.9 | 23.3 | 082 |
| 21.0 | 3 | 17.7 | 16.5 | 102 |
| 24.0 | 2 | 13.0 | 13.0 | 090 |
| | | **RAIPUR** | | |
| | | **0530 hr.** | | |
| 10.5 | 10 | 9.5 | 8.4 | 247 |
| 12.0 | 2 | 13.0 | 13.0 | 220 |
| | | **1730 hr.** | | |
| 10.5 | 10 | 11.9 | 10.1 | 257 |
| 12.0 | 3 | 8.7 | 8.6 | 261 |
| 14.1 | 1 | 6.0 | 6.0 | 210 |
| | | **SRINAGAR** | | |
| | | **0530 hr.*** | | |
| 10.5 | 28 | 26.6 | 23.3 | 265 |
| 12.0 | 25 | 34.0 | 30.0 | 265 |
| 14.1 | 14 | 33.0 | 31.0 | 257 |
| 16.2 | 2 | 39.0 | 39.0 | 239 |
| 18.0 | 1 | 23.0 | 23.0 | 250 |
| | | **1730 hr.*** | | |
| 10.5 | 21 | 24.9 | 22.0 | 268 |
| 12.0 | 19 | 29.8 | 27.9 | 269 |
| 14.1 | 8 | 33.0 | 31.5 | 268 |
| 16.2 | 1 | 9.0 | 9.0 | 235 |
| | | **TIRUCHCHIRAPPALLI** | | |
| | | **1730 hr.** | | |
| 10.5 | 1 | 9.0 | 9.0 | 065 |
| | | **TRIVANDRUM** | | |
| | | **0530 hr.*** | | |
| 10.5 | 25 | 5.6 | 2.4 | 110 |
| 12.0 | 24 | 9.9 | 8.4 | 118 |
| 14.1 | 20 | 13.9 | 13.0 | 105 |
| 16.2 | 16 | 16.4 | 16.0 | 094 |
| 18.0 | 8 | 18.0 | 16.4 | 077 |
| 21.0 | 6 | 19.5 | 17.5 | 072 |
| 24.0 | 3 | 10.7 | 9.9 | 072 |
| | | **1730 hr.*** | | |
| 10.5 | 28 | 6.9 | 4.4 | 103 |
| 12.0 | 28 | 9.1 | 7.7 | 113 |
| 14.1 | 21 | 14.8 | 13.6 | 108 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

MAY

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | TRIVANDRUM (CONTD.) | | | |
| | 1730 hr.* (Contd.) | | | |
| 16.2 | 14 | 18.9 | 15.7 | 092 |
| 18.0 | 9 | 15.5 | 14.6 | 080 |
| 21.0 | 8 | 19.8 | 19.3 | 088 |
| 24.0 | 2 | 10.0 | 9.5 | 082 |
| | UDAIPUR | | | |
| | 0530 hr. | | | |
| 10.5 | 18 | 21.1 | 17.0 | 258 |
| 12.0 | 12 | 23.2 | 22.6 | 243 |
| 14.1 | 4 | 25.3 | 25.0 | 251 |
| | 1730 hr. | | | |
| 10.5 | 16 | 21.0 | 18.7 | 269 |
| 12.0 | 5 | 21.4 | 20.6 | 268 |
| 14.1 | 1 | 20.0 | 20.0 | 265 |
| | VENGURLA | | | |
| | 1730 hr. | | | |
| 10.5 | 11 | 8.6 | 4.7 | 238 |
| | VERAVAL | | | |
| | 1730 hr. | | | |
| 10.5 | 13 | 17.3 | 10.0 | 267 |
| 12.0 | 7 | 18.3 | 14.6 | 230 |
| 14.1 | 2 | 19.5 | 19.5 | 218 |
| 16.2 | 1 | 8.0 | 8.0 | 215 |
| 18.0 | 1 | 1.0 | 1.0 | 100 |
| | VIJAYWADA/ GANNAVARAM | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 12.0 | 6.0 | 212 |
| 12.0 | 4 | 13.5 | 7.8 | 190 |
| | VISHAKHAPATNAM | | | |
| | 0530 hr.* | | | |
| 10.5 | 26 | 8.5 | 2.8 | 206 |
| 12.0 | 26 | 8.8 | 5.0 | 173 |
| 14.1 | 21 | 10.7 | 8.3 | 163 |
| 16.2 | 12 | 11.3 | 8.1 | 141 |
| 18.0 | 6 | 14.0 | 12.5 | 096 |
| 21.0 | 1 | 10.0 | 10.0 | 100 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | VISHAKHAPATNAM (CONTD.) | | | |
| | 1130 hr. | | | |
| 10.5 | 5 | 9.8 | 7.1 | 231 |
| 12.0 | 4 | 8.0 | 5.7 | 216 |
| 14.1 | 2 | 11.0 | 9.9 | 132 |
| 16.2 | 2 | 10.5 | 8.5 | 127 |
| 18.0 | 2 | 8.0 | 6.8 | 092 |
| 21.0 | 2 | 11.5 | 11.5 | 098 |
| | 1730 hr.* | | | |
| 10.5 | 28 | 7.0 | 1.9 | 211 |
| 12.0 | 28 | 8.8 | 4.8 | 172 |
| 14.1 | 13 | 12.2 | 9.3 | 132 |
| 16.2 | 13 | 14.8 | 11.3 | 121 |
| 18.0 | 7 | 17.3 | 14.3 | 097 |
| 21.0 | 2 | 19.0 | 19.0 | 097 |
| 24.0 | 2 | 19.5 | 19.2 | 090 |

| Ht. in Km. | N | S | V | D | Ht. in Km. | N | S | V | D |
|---|---|---|---|---|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 15 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 ( Volume IX )

### List of Radiosonde stations in India

| S.No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Allahabad/Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13th December 1946 to 30th November 1947. |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| 8. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 9. | Minicoy | Fan type | 12th May 1963 | 12 | |
| 10. | Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 11. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 12. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 13. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 14. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 15. | Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHAMADABAD SURFACE PR ( 999 MB) | | | | | | ALLAHABAD/BAMHRAULI ( 987 MB) | | | | | | BANGALORE ( 908 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00055 | 300.1 | 302 | 297 | 289.9 | 31 | 00098 | 301.3 | 306 | 297 | 286.8 | 31 | 00921 | 294.8 | 299 | 293 | 292.6 |
| 1000 | 31 | 00048 | 300.0 | 302 | 298 | 286.8 | 29 | 00007 | | | | | 31 | 00084 | | | | |
| 900 | 31 | 00980 | 299.1 | 305 | 294 | 281.1 | 29 | 00948 | 303.4 | 309 | 297 | 279.7 | 31 | 01003 | 294.7 | 299 | 292 | 291.7 |
| 850 | 31 | 01486 | 297.8 | 303 | 291 | 274.9 | 29 | 01456 | 301.0 | 308 | 295 | 276.8 | 31 | 01498 | 294.2 | 298 | 290 | 287.4 |
| 800 | 31 | 02015 | 294.8 | 300 | 287 | 272.3 | 29 | 01989 | 297.3 | 303 | 292 | 274.8 | 31 | 02020 | 295.5 | 297 | 287 | 283.7 |
| 700 | 31 | 03156 | 286.5 | 292 | 280 | 266.4 | 29 | 03136 | 287.8 | 291 | 283 | 270.6 | 31 | 03154 | 284.8 | 289 | 281 | 274.3 |
| 600 | 31 | 04433 | 277.7 | 282 | 273 | 254.4 | 29 | 04415 | 277.6 | 283 | 274 | 260.3 | 31 | 04423 | 276.9 | 280 | 273 | 271.0 |
| 500 | 31 | 05895 | 268.9 | 274 | 266 | | 29 | 05875 | 268.4 | 272 | 262 | | 31 | 05882 | 268.7 | 273 | 265 | |
| 400 | 30 | 07618 | 257.2 | 260 | 253 | | 29 | 07617 | 258.8 | 264 | 255 | | 31 | 07607 | 259.0 | 268 | 254 | |
| 300 | 30 | 09734 | 243.7 | 249 | 237 | | 29 | 09730 | 245.9 | 251 | 239 | | 31 | 09725 | 243.2 | 247 | 239 | |
| 250 | 30 | 11013 | 234.9 | 241 | 228 | | 29 | 11023 | 237.5 | 245 | 233 | | 31 | 11003 | 234.3 | 239 | 228 | |
| 200 | 30 | 12516 | 224.8 | 232 | 220 | | 28 | 12548 | 278.0 | 235 | 224 | | 31 | 12500 | 223.1 | 232 | 213 | |
| 175 | 29 | 13395 | 219.8 | 226 | 213 | | 27 | 13431 | 222.1 | 230 | 217 | | 31 | 13343 | 216.9 | 225 | 206 | |
| 150 | 28 | 14369 | 213.4 | 219 | 204 | | 26 | 14351 | 215.6 | 224 | 209 | | 29 | 14324 | 210.0 | 220 | 198 | |
| 125 | 24 | 15496 | 206.8 | 214 | 198 | | 25 | 15557 | 209.6 | 218 | 203 | | 26 | 15331 | 204.3 | 211 | 194 | |
| 100 | 20 | 16833 | 200.7 | 208 | 193 | | 21 | 16892 | 205.5 | 217 | 199 | | 25 | 16752 | 198.3 | 203 | 189 | |
| 80 | 12 | 18204 | 202.4 | 211 | 197 | | 18 | 18212 | 205.5 | 219 | 199 | | 22 | 18069 | 200.2 | 210 | 186 | |
| 70 | 10 | 19106 | 206.5 | 216 | 199 | | 17 | 19064 | 205.7 | 218 | 199 | | 21 | 18865 | 201.6 | 211 | 187 | |
| 60 | 10 | 19951 | 211.1 | 221 | 203 | | 12 | 19944 | 210.3 | 221 | 204 | | 20 | 19783 | 203.7 | 212 | 189 | |
| 50 | 10 | 21086 | 215.9 | 227 | 209 | | 08 | 21124 | 214.5 | 224 | 203 | | 18 | 20835 | 205.4 | 215 | 191 | |
| 40 | 07 | 22512 | 219.4 | 226 | 214 | | 05 | 22507 | 219.6 | 232 | 206 | | 09 | 22138 | 205.5 | 211 | 194 | |
| 30 | | | | | | | | | | | | | 06 | 23934 | 210.0 | 215 | 205 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1006 MB) | | | | | | CALCUTTA/DUM DUM ( 1002 MB) | | | | | | GAUHATI ( 999 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00013 | 299.8 | 301 | 297 | 296.0 | 31 | 00006 | 301.1 | 303 | 297 | 298.3 | 31 | 00049 | 297.4 | 301 | 295 | 295.7 |
| 1000 | 31 | 00065 | 299.6 | 301 | 297 | 295.6 | 31 | 00024 | 300.7 | 303 | 297 | 297.6 | 28 | 00041 | 297.4 | 299 | 296 | 295.4 |
| 900 | 31 | 00991 | 296.3 | 303 | 291 | 286.0 | 31 | 00958 | 298.6 | 303 | 294 | 288.8 | 28 | 00966 | 296.5 | 301 | 293 | 289.5 |
| 850 | 31 | 01489 | 295.0 | 301 | 287 | 279.3 | 31 | 01460 | 296.9 | 302 | 291 | 284.2 | 28 | 01463 | 294.3 | 299 | 290 | 286.9 |
| 800 | 31 | 02013 | 292.0 | 297 | 283 | 276.1 | 31 | 01988 | 294.3 | 300 | 288 | 284.5 | 28 | 01986 | 291.1 | 295 | 288 | 284.2 |
| 700 | 31 | 03145 | 284.6 | 287 | 277 | 270.7 | 31 | 03130 | 285.9 | 292 | 279 | 276.8 | 28 | 03116 | 283.9 | 287 | 280 | 276.6 |
| 600 | 31 | 04412 | 276.0 | 281 | 272 | 263.8 | 31 | 04407 | 277.2 | 284 | 273 | 267.3 | 28 | 04386 | 276.9 | 282 | 273 | 268.3 |
| 500 | 31 | 05871 | 268.1 | 274 | 263 | | 31 | 05867 | 269.6 | 276 | 264 | | 25 | 05854 | 270.6 | 276 | 265 | 259.1 |
| 400 | 31 | 07588 | 256.6 | 262 | 252 | | 31 | 07575 | 260.3 | 267 | 255 | | 25 | 07594 | 260.7 | 265 | 258 | |
| 300 | 31 | 09696 | 241.6 | 248 | 235 | | 31 | 09748 | 245.4 | 255 | 240 | | 25 | 09738 | 247.6 | 254 | 242 | |
| 250 | 31 | 10965 | 231.7 | 238 | 226 | | 31 | 11069 | 236.0 | 247 | 233 | | 25 | 11038 | 239.3 | 243 | 234 | |
| 200 | 31 | 12440 | 220.1 | 227 | 213 | | 30 | 12544 | 225.9 | 229 | 218 | | 25 | 12571 | 229.3 | 233 | 223 | |
| 175 | 27 | 13290 | 214.2 | 223 | 207 | | 30 | 13421 | 219.8 | 225 | 211 | | 24 | 13459 | 223.8 | 229 | 218 | |
| 150 | 23 | 14240 | 208.1 | 216 | 200 | | 29 | 14376 | 212.7 | 221 | 203 | | 20 | 14447 | 217.0 | 223 | 210 | |
| 125 | 20 | 15321 | 201.3 | 210 | 195 | | 29 | 15515 | 205.5 | 214 | 195 | | 18 | 15596 | 210.6 | 217 | 203 | |
| 100 | 18 | 16631 | 197.7 | 210 | 191 | | 29 | 16836 | 198.9 | 204 | 190 | | 13 | 16965 | 204.5 | 208 | 198 | |
| 80 | 11 | 17928 | 196.0 | 203 | 191 | | 16 | 18147 | 198.6 | 205 | 193 | | 11 | 18288 | 204.5 | 215 | 199 | |
| 70 | 09 | 18704 | 197.8 | 204 | 192 | | 13 | 18926 | 201.8 | 208 | 194 | | 11 | 19092 | 206.0 | 215 | 198 | |
| 60 | 07 | 19586 | 201.2 | 209 | 193 | | 12 | 19842 | 206.6 | 215 | 193 | | 08 | 20043 | 211.9 | 218 | 205 | |
| 50 | 06 | 20713 | 205.2 | 213 | 196 | | 09 | 20913 | 210.3 | 223 | 198 | | 07 | 21213 | 217.7 | 227 | 211 | |
| 40 | | | | | | | | | | | | | 05 | 22623 | 222.6 | 227 | 217 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 976 MB) | | | | | | MADRAS/MINAMBAKKAM ( 1003 MB) | | | | | | NAGPUR/SONEGAON ( 969 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00217 | 300.1 | 304 | 297 | 281.3 | 31 | 00015 | 302.0 | 305 | 298 | 296.9 | 31 | 00311 | 301.0 | 306 | 295 | 286.6 |
| 1000 | 30 | 00036 | | | | | 31 | 00039 | 301.5 | 305 | 298 | 296.8 | 31 | 00031 | | | | |
| 900 | 30 | 00937 | 301.2 | 306 | 294 | 278.0 | 31 | 00972 | 299.4 | 303 | 292 | 287.4 | 31 | 00966 | 301.5 | 306 | 291 | 285.4 |
| 850 | 30 | 01438 | 299.1 | 303 | 291 | 272.7 | 31 | 01474 | 297.0 | 301 | 290 | 283.3 | 31 | 01471 | 298.8 | 303 | 290 | 283.4 |
| 800 | 30 | 01968 | 296.3 | 301 | 286 | 270.3 | 31 | 02001 | 293.0 | 298 | 286 | 280.7 | 31 | 02000 | 294.5 | 298 | 289 | 281.2 |
| 700 | 30 | 03109 | 286.6 | 291 | 279 | 264.6 | 31 | 03135 | 284.5 | 289 | 281 | 274.8 | 31 | 03137 | 285.1 | 290 | 279 | 275.9 |
| 600 | 30 | 04380 | 275.4 | 279 | 269 | 255.3 | 31 | 04402 | 275.1 | 281 | 271 | 267.9 | 31 | 04406 | 275.8 | 281 | 271 | 264.5 |
| 500 | 30 | 05828 | 266.3 | 270 | 260 | | 31 | 05854 | 267.5 | 274 | 262 | | 31 | 05859 | 268.3 | 273 | 263 | |
| 400 | 30 | 07533 | 255.0 | 260 | 251 | | 31 | 07571 | 256.5 | 262 | 253 | | 30 | 07585 | 257.2 | 263 | 251 | |
| 300 | 30 | 09629 | 241.1 | 247 | 236 | | 31 | 09679 | 242.0 | 248 | 238 | | 30 | 09692 | 242.3 | 248 | 237 | |
| 250 | 30 | 10899 | 233.3 | 239 | 227 | | 30 | 10957 | 233.4 | 239 | 227 | | 30 | 10964 | 234.1 | 240 | 229 | |
| 200 | 30 | 12398 | 224.7 | 230 | 218 | | 30 | 12440 | 221.0 | 227 | 216 | | 30 | 12463 | 222.8 | 232 | 217 | |
| 175 | 30 | 13264 | 219.2 | 226 | 210 | | 25 | 13294 | 215.0 | 221 | 209 | | 29 | 13323 | 217.1 | 228 | 212 | |
| 150 | 29 | 14242 | 213.3 | 223 | 205 | | 24 | 14257 | 208.7 | 215 | 201 | | 28 | 14301 | 211.6 | 224 | 203 | |
| 125 | 28 | 15360 | 208.5 | 217 | 201 | | 18 | 15335 | 202.4 | 209 | 192 | | 26 | 15373 | 204.5 | 219 | 198 | |
| 100 | 26 | 16693 | 203.7 | 211 | 197 | | 14 | 16657 | 198.7 | 207 | 192 | | 24 | 16742 | 200.8 | 215 | 189 | |
| 80 | 19 | 18015 | 205.8 | 210 | 201 | | 10 | 17951 | 202.0 | 212 | 195 | | 16 | 18049 | 204.0 | 219 | 188 | |
| 70 | 17 | 18829 | 209.2 | 219 | 203 | | 09 | 18770 | 207.6 | 216 | 196 | | 13 | 18926 | 209.0 | 224 | 196 | |
| 60 | 15 | 19783 | 214.3 | 221 | 207 | | 06 | 19673 | 213.3 | 223 | 209 | | 10 | 19912 | 214.3 | 228 | 207 | |
| 50 | 09 | 20930 | 219.1 | 224 | 212 | | | | | | | | 09 | 21037 | 219.6 | 234 | 211 | |
| 40 | 06 | 22393 | 225.5 | 232 | 219 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE | NEW DELHI/SAFDAR-UNG SURFACE PR ( 978 MB) | | | | | | PORT BLAIR ( 1000 MB) | | | | | | SRINAGAR ( 837 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00209 | 299.3 | 307 | 293 | 286.7 | 31 | 00079 | 299.1 | 302 | 296 | 297.2 | 30 | 01588 | 285.3 | 290 | 281 | 283.3 |
| 1000 | 31 | 00013 | | | | | 31 | 00062 | 299.7 | 301 | 297 | 297.8 | 29 | 00109 | | | | |
| 900 | 31 | 00946 | 301.7 | 307 | 293 | 278.8 | 31 | 00984 | 295.6 | 298 | 293 | 292.6 | 29 | 01007 | | | | |
| 850 | 31 | 01450 | 298.9 | 305 | 290 | 275.8 | 31 | 01480 | 292.9 | 295 | 290 | 289.6 | 29 | 01485 | | | | |
| 800 | 31 | 01979 | 295.0 | 301 | 286 | 274.0 | 31 | 02002 | 289.9 | 293 | 287 | 285.7 | 29 | 01996 | 284.2 | 290 | 276 | 279.2 |
| 700 | 31 | 03119 | 286.2 | 292 | 278 | 268.6 | 31 | 03129 | 283.7 | 286 | 280 | 279.6 | 29 | 03102 | 279.1 | 286 | 270 | 271.8 |
| 600 | 31 | 04390 | 276.1 | 282 | 269 | 261.7 | 31 | 04401 | 277.3 | 280 | 273 | 276.2 | 29 | 04349 | 272.0 | 279 | 265 | 264.9 |
| 500 | 31 | 05838 | 266.3 | 271 | 262 | | 30 | 05867 | 270.1 | 273 | 262 | | 29 | 05778 | 262.3 | 268 | 253 | |
| 400 | 31 | 07543 | 254.9 | 259 | 250 | | 30 | 07603 | 260.3 | 266 | 256 | | 28 | 07457 | 250.4 | 255 | 244 | |
| 300 | 31 | 09641 | 242.1 | 248 | 237 | | 30 | 09742 | 246.5 | 250 | 241 | | 28 | 09508 | 236.0 | 244 | 230 | |
| 250 | 31 | 10916 | 235.0 | 242 | 229 | | 29 | 11044 | 237.0 | 242 | 230 | | 27 | 10759 | 229.3 | 238 | 223 | |
| 200 | 31 | 12430 | 227.5 | 234 | 221 | | 29 | 12548 | 225.5 | 232 | 219 | | 26 | 12235 | 224.6 | 230 | 218 | |
| 175 | 30 | 13310 | 222.3 | 228 | 216 | | 26 | 13396 | 218.8 | 225 | 214 | | 24 | 13104 | 222.9 | 231 | 215 | |
| 150 | 28 | 14300 | 217.1 | 226 | 210 | | 25 | 14391 | 213.0 | 221 | 208 | | 19 | 14085 | 222.1 | 230 | 216 | |
| 125 | 27 | 15441 | 211.1 | 220 | 205 | | 25 | 15487 | 206.6 | 215 | 194 | | 16 | 15262 | 218.3 | 225 | 212 | |
| 100 | 25 | 16803 | 206.0 | 217 | 200 | | 24 | 16845 | 200.9 | 210 | 194 | | 14 | 16693 | 213.7 | 218 | 210 | |
| 80 | 23 | 18147 | 205.8 | 216 | 197 | | 23 | 18168 | 201.7 | 213 | 192 | | 10 | 18097 | 213.5 | 220 | 209 | |
| 70 | 18 | 18958 | 208.7 | 216 | 202 | | 19 | 18979 | 206.2 | 221 | 194 | | 07 | 18944 | 212.9 | 217 | 208 | |
| 60 | 14 | 19933 | 214.1 | 220 | 209 | | 15 | 19891 | 209.1 | 222 | 201 | | 06 | 20822 | 213.3 | 218 | 210 | |
| 50 | 09 | 21127 | 218.9 | 225 | 215 | | 13 | 21049 | 213.9 | 230 | 206 | | 06 | 21027 | 215.0 | 221 | 211 | |
| 40 | 07 | 22565 | 224.0 | 228 | 220 | | 06 | 22460 | 218.8 | 229 | 211 | | 05 | 22420 | 217.2 | 225 | 213 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | TRIVANDRUM SURFACE PR ( 1002 MB) | | | | | | VISHAKHAPATNAM ( 999 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00064 | 299.7 | 301 | 299 | 296.8 | 31 | 00041 | 302.1 | 304 | 301 | 299.4 | | | | | | |
| 1000 | 29 | 00078 | 299.5 | 301 | 298 | 296.7 | 27 | 00038 | 301.8 | 304 | 301 | 299.0 | | | | | | |
| 900 | 29 | 01002 | 293.6 | 296 | 291 | 289.7 | 27 | 00975 | 300.2 | 304 | 295 | 287.2 | | | | | | |
| 850 | 29 | 01495 | 291.0 | 294 | 289 | 286.4 | 27 | 01478 | 298.1 | 302 | 293 | 283.3 | | | | | | |
| 800 | 29 | 02014 | 289.2 | 293 | 286 | 281.2 | 27 | 02008 | 294.3 | 300 | 290 | 280.9 | | | | | | |
| 700 | 29 | 03139 | 282.8 | 287 | 279 | 274.0 | 27 | 03146 | 284.4 | 289 | 280 | 276.5 | | | | | | |
| 600 | 29 | 04402 | 275.0 | 280 | 271 | 268.0 | 27 | 04413 | 275.1 | 281 | 271 | 267.2 | | | | | | |
| 500 | 29 | 05854 | 267.0 | 273 | 262 | | 27 | 05868 | 268.3 | 276 | 261 | | | | | | | |
| 400 | 29 | 07568 | 256.9 | 268 | 252 | | 27 | 07593 | 257.9 | 265 | 251 | | | | | | | |
| 300 | 29 | 09675 | 241.9 | 250 | 237 | | 26 | 09709 | 242.9 | 253 | 239 | | | | | | | |
| 250 | 29 | 10945 | 232.4 | 242 | 225 | | 26 | 10913 | 235.0 | 247 | 230 | | | | | | | |
| 200 | 29 | 12428 | 220.7 | 230 | 212 | | 26 | 12489 | 224.0 | 234 | 218 | | | | | | | |
| 175 | 26 | 13270 | 214.3 | 224 | 204 | | 25 | 13489 | 218.1 | 226 | 212 | | | | | | | |
| 150 | 25 | 14232 | 207.8 | 218 | 199 | | 23 | 14338 | 211.9 | 222 | 206 | | | | | | | |
| 125 | 21 | 15292 | 201.3 | 209 | 195 | | 20 | 15456 | 206.3 | 216 | 199 | | | | | | | |
| 100 | 19 | 16621 | 195.0 | 200 | 191 | | 18 | 16806 | 201.1 | 210 | 191 | | | | | | | |
| 80 | 15 | 17874 | 198.7 | 211 | 190 | | 11 | 18172 | 206.5 | 216 | 201 | | | | | | | |
| 70 | 13 | 18642 | 202.3 | 217 | 191 | | 09 | 19015 | 208.0 | 214 | 202 | | | | | | | |
| 60 | 12 | 19612 | 206.4 | 219 | 193 | | 08 | 20373 | 212.4 | 219 | 205 | | | | | | | |
| 50 | 11 | 20719 | 211.8 | 221 | 197 | | 06 | 21143 | 217.3 | 223 | 212 | | | | | | | |
| 40 | 05 | 21909 | 211.6 | 224 | 199 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

AHMADABAD
SURFACE PR ( 997 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 313.0 | 316 | 308 | 286.8 |
| 1000 | 31 | 00023 | | | | |
| 900 | 31 | 00983 | 306.0 | 310 | 299 | 280.2 |
| 850 | 31 | 01495 | 302.0 | 307 | 295 | 277.5 |
| 800 | 31 | 02029 | 297.3 | 303 | 291 | 276.2 |
| 700 | 31 | 03176 | 287.7 | 292 | 280 | 268.8 |
| 600 | 31 | 04455 | 278.5 | 285 | 274 | 255.1 |
| 500 | 31 | 05928 | 270.2 | 275 | 264 | |
| 400 | 31 | 07659 | 259.0 | 265 | 253 | |
| 300 | 31 | 09785 | 244.5 | 251 | 237 | |
| 250 | 31 | 11070 | 235.9 | 243 | 228 | |
| 200 | 31 | 12581 | 226.3 | 231 | 219 | |
| 175 | 31 | 13449 | 220.3 | 226 | 214 | |
| 150 | 28 | 14417 | 213.2 | 219 | 207 | |
| 125 | 26 | 15541 | 204.1 | 214 | 200 | |
| 100 | 21 | 16861 | 200.9 | 209 | 195 | |
| 80 | 18 | 18222 | 203.1 | 207 | 197 | |
| 70 | 16 | 18979 | 207.9 | 216 | 198 | |
| 60 | 13 | 19945 | 212.4 | 220 | 203 | |
| 50 | 11 | 21065 | 216.4 | 226 | 209 | |
| 40 | 06 | 22609 | 223.7 | 233 | 218 | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

ALLAHABAD/BAMRAULI
( 988 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00098 | 313.5 | 319 | 310 | 289.3 |
| 1000 | 29 | 00012 | | | | |
| 900 | 29 | 00947 | 307.5 | 313 | 302 | 280.6 |
| 850 | 29 | 01463 | 303.5 | 310 | 297 | 277.8 |
| 800 | 29 | 01990 | 298.8 | 305 | 292 | 276.5 |
| 700 | 29 | 03150 | 289.1 | 296 | 284 | 260.9 |
| 600 | 29 | 04433 | 278.8 | 285 | 274 | 254.4 |
| 500 | 29 | 05897 | 269.4 | 274 | 265 | |
| 400 | 29 | 07626 | 258.3 | 265 | 252 | |
| 300 | 27 | 09754 | 245.6 | 251 | 240 | |
| 250 | 27 | 11039 | 237.5 | 243 | 233 | |
| 200 | 27 | 12567 | 227.9 | 233 | 222 | |
| 175 | 23 | 13457 | 221.8 | 227 | 215 | |
| 150 | 22 | 14444 | 216.0 | 220 | 211 | |
| 125 | 20 | 15587 | 209.0 | 215 | 204 | |
| 100 | 18 | 16951 | 204.8 | 211 | 200 | |
| 80 | 16 | 18277 | 204.6 | 209 | 200 | |
| 70 | 15 | 19120 | 205.9 | 213 | 201 | |
| 60 | 13 | 20036 | 210.1 | 220 | 201 | |
| 50 | 10 | 21174 | 212.4 | 224 | 202 | |
| 40 | 08 | 22565 | 217.3 | 227 | 207 | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

BANGALORE
( 907 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00921 | 304.7 | 308 | 293 | 290.8 |
| 1000 | 31 | 00039 | | | | |
| 900 | 31 | 00992 | 304.1 | 307 | 293 | 289.5 |
| 850 | 31 | 01496 | 299.9 | 303 | 291 | 287.0 |
| 800 | 31 | 02025 | 295.0 | 299 | 289 | 284.6 |
| 700 | 31 | 03163 | 285.6 | 290 | 281 | 278.9 |
| 600 | 31 | 04436 | 277.1 | 281 | 274 | 270.7 |
| 500 | 31 | 05897 | 269.3 | 273 | 264 | |
| 400 | 31 | 07627 | 258.7 | 264 | 251 | |
| 300 | 31 | 09751 | 243.7 | 249 | 234 | |
| 250 | 31 | 11035 | 234.7 | 240 | 231 | |
| 200 | 31 | 12533 | 223.6 | 235 | 216 | |
| 175 | 28 | 13374 | 216.8 | 221 | 210 | |
| 150 | 28 | 14363 | 210.6 | 215 | 203 | |
| 125 | 24 | 15452 | 204.0 | 208 | 197 | |
| 100 | 23 | 16789 | 197.5 | 202 | 191 | |
| 80 | 21 | 18082 | 197.7 | 203 | 191 | |
| 70 | 20 | 18879 | 199.8 | 206 | 193 | |
| 60 | 20 | 19783 | 202.3 | 209 | 194 | |
| 50 | 19 | 20890 | 205.3 | 211 | 193 | |
| 40 | 14 | 22197 | 208.1 | 215 | 199 | |
| 30 | 10 | 23991 | 212.0 | 218 | 204 | |
| 20 | | | | | | |
| 10 | | | | | | |

BOMBAY/ SANTACRUZ
SURFACE PR ( 1005 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 304.0 | 307 | 299 | 296.4 |
| 1000 | 31 | 00056 | 303.5 | 307 | 299 | 295.9 |
| 900 | 31 | 00989 | 297.8 | 305 | 294 | 285.4 |
| 850 | 31 | 01489 | 296.6 | 302 | 292 | 280.2 |
| 800 | 31 | 02016 | 293.6 | 299 | 288 | 277.6 |
| 700 | 31 | 03152 | 285.5 | 290 | 282 | 274.6 |
| 600 | 31 | 04429 | 277.3 | 282 | 273 | 266.8 |
| 500 | 31 | 05888 | 269.4 | 275 | 266 | |
| 400 | 31 | 07616 | 258.0 | 263 | 254 | |
| 300 | 31 | 09728 | 242.9 | 249 | 239 | |
| 250 | 31 | 11001 | 233.6 | 240 | 230 | |
| 200 | 31 | 12495 | 222.0 | 231 | 213 | |
| 175 | 24 | 13359 | 215.8 | 224 | 207 | |
| 150 | 24 | 14322 | 210.0 | 220 | 200 | |
| 125 | 21 | 15450 | 203.9 | 213 | 196 | |
| 100 | 16 | 16783 | 199.3 | 207 | 191 | |
| 80 | 12 | 18071 | 199.3 | 206 | 188 | |
| 70 | 08 | 18868 | 203.5 | 220 | 197 | |
| 60 | 06 | 19786 | 206.2 | 209 | 203 | |
| 50 | 07 | 20899 | 210.1 | 213 | 206 | |
| 40 | 05 | 22304 | 214.8 | 219 | 210 | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

CALCUTTA/DUM DUM
( 999 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00006 | 308.4 | 315 | 302 | 295.9 |
| 1000 | 30 | 00002 | 308.3 | 313 | 302 | 293.2 |
| 900 | 30 | 00952 | 302.5 | 310 | 293 | 288.2 |
| 850 | 30 | 01459 | 299.0 | 306 | 292 | 283.7 |
| 800 | 30 | 01991 | 296.2 | 302 | 289 | 280.9 |
| 700 | 30 | 03139 | 287.8 | 292 | 283 | 274.4 |
| 600 | 30 | 04424 | 279.0 | 285 | 274 | 264.1 |
| 500 | 30 | 05895 | 271.5 | 278 | 265 | |
| 400 | 30 | 07641 | 261.4 | 268 | 255 | |
| 300 | 30 | 09789 | 247.1 | 253 | 243 | |
| 250 | 30 | 11089 | 238.6 | 244 | 233 | |
| 200 | 30 | 12615 | 227.6 | 235 | 220 | |
| 175 | 28 | 13491 | 220.7 | 227 | 213 | |
| 150 | 28 | 14472 | 213.2 | 223 | 205 | |
| 125 | 28 | 15605 | 205.9 | 215 | 197 | |
| 100 | 28 | 16922 | 200.4 | 207 | 195 | |
| 80 | 16 | 18206 | 199.3 | 207 | 192 | |
| 70 | 13 | 19031 | 202.2 | 213 | 193 | |
| 60 | | | | | | |
| 50 | | | | | | |
| 40 | | | | | | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

GAUHATI
( 996 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00049 | 304.2 | 308 | 298 | 296.3 |
| 1000 | 29 | 00014 | | | | |
| 900 | 29 | 00946 | 298.7 | 303 | 294 | 291.0 |
| 850 | 29 | 01448 | 295.8 | 300 | 291 | 288.1 |
| 800 | 29 | 01972 | 292.8 | 296 | 288 | 285.9 |
| 700 | 29 | 03114 | 285.1 | 289 | 281 | 278.1 |
| 600 | 29 | 04385 | 278.6 | 282 | 274 | 267.1 |
| 500 | 29 | 05854 | 275.0 | 276 | 267 | |
| 400 | 29 | 07599 | 260.8 | 267 | 255 | |
| 300 | 29 | 09748 | 247.9 | 254 | 243 | |
| 250 | 29 | 11054 | 235.5 | 245 | 234 | |
| 200 | 29 | 12581 | 225.2 | 235 | 223 | |
| 175 | 29 | 13454 | 222.0 | 227 | 216 | |
| 150 | 28 | 14496 | 214.4 | 221 | 209 | |
| 125 | 24 | 15591 | 209.0 | 214 | 201 | |
| 100 | 21 | 16946 | 203.6 | 214 | 197 | |
| 80 | 14 | 18262 | 202.0 | 209 | 198 | |
| 70 | 11 | 19057 | 203.9 | 213 | 196 | |
| 60 | 10 | 20004 | 208.6 | 218 | 199 | |
| 50 | 09 | 21142 | 212.9 | 222 | 200 | |
| 40 | 07 | 22537 | 217.1 | 227 | 203 | |
| 30 | 05 | 24357 | 221.4 | 231 | 211 | |
| 20 | | | | | | |
| 10 | | | | | | |

JODHPUR
SURFACE PR ( 968 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00217 | 312.0 | 317 | 308 | 282.7 |
| 1000 | 31 | 00019 | | | | |
| 900 | 31 | 00941 | 306.0 | 313 | 297 | 277.4 |
| 850 | 31 | 01451 | 302.4 | 308 | 297 | 275.7 |
| 800 | 31 | 01985 | 297.8 | 304 | 291 | 273.0 |
| 700 | 31 | 03134 | 288.3 | 293 | 283 | 265.0 |
| 600 | 31 | 04413 | 277.8 | 283 | 272 | 258.2 |
| 500 | 31 | 05873 | 268.2 | 274 | 265 | |
| 400 | 31 | 07591 | 256.8 | 261 | 251 | |
| 300 | 31 | 09697 | 242.4 | 249 | 235 | |
| 250 | 31 | 10973 | 234.4 | 240 | 228 | |
| 200 | 31 | 12483 | 225.8 | 233 | 218 | |
| 175 | 31 | 13357 | 221.0 | 226 | 214 | |
| 150 | 30 | 14341 | 214.8 | 221 | 209 | |
| 125 | 27 | 15446 | 208.3 | 217 | 201 | |
| 100 | 25 | 16820 | 203.8 | 210 | 197 | |
| 80 | 20 | 18390 | 206.3 | 213 | 198 | |
| 70 | 19 | 18955 | 209.4 | 218 | 199 | |
| 60 | 12 | 19874 | 214.7 | 222 | 201 | |
| 50 | 09 | 21040 | 218.0 | 226 | 211 | |
| 40 | 07 | 22436 | 221.6 | 230 | 218 | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

MADRAS/MINAMBAKKAM
( 1001 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00015 | 307.4 | 314 | 300 | 297.7 |
| 1000 | 31 | 00027 | 306.0 | 312 | 300 | 298.3 |
| 900 | 31 | 00973 | 301.7 | 307 | 294 | 287.9 |
| 850 | 31 | 01478 | 297.5 | 302 | 291 | 285.8 |
| 800 | 31 | 02006 | 293.3 | 298 | 289 | 282.0 |
| 700 | 31 | 03141 | 285.1 | 291 | 279 | 274.1 |
| 600 | 31 | 04411 | 275.9 | 281 | 270 | 264.1 |
| 500 | 31 | 05865 | 268.1 | 273 | 263 | |
| 400 | 31 | 07587 | 257.2 | 263 | 251 | |
| 300 | 31 | 09698 | 242.2 | 251 | 235 | |
| 250 | 30 | 10983 | 233.3 | 241 | 227 | |
| 200 | 30 | 12464 | 221.6 | 231 | 214 | |
| 175 | 29 | 13315 | 215.3 | 225 | 210 | |
| 150 | 29 | 14281 | 208.4 | 217 | 201 | |
| 125 | 21 | 15338 | 201.6 | 208 | 196 | |
| 100 | 17 | 16669 | 194.4 | 203 | 189 | |
| 80 | 11 | 17981 | 194.2 | 200 | 187 | |
| 70 | 10 | 18761 | 197.8 | 206 | 193 | |
| 60 | 07 | 19631 | 201.4 | 205 | 198 | |
| 50 | 06 | 20736 | 207.0 | 212 | 201 | |
| 40 | | | | | | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

MINICOY
( 1009 MB)

| STANDARD PRESSURE SURFACE MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|
| SURFACE | 31 | 00002 | 303.6 | 307 | 301 | 297.3 |
| 1000 | 30 | 00078 | 302.3 | 304 | 299 | 296.7 |
| 900 | 30 | 01007 | 294.9 | 297 | 293 | 290.8 |
| 850 | 30 | 01502 | 292.5 | 295 | 289 | 286.7 |
| 800 | 30 | 02023 | 290.3 | 293 | 287 | 282.2 |
| 700 | 30 | 03152 | 284.2 | 287 | 281 | 276.4 |
| 600 | 30 | 04422 | 276.6 | 279 | 271 | 271.4 |
| 500 | 30 | 05883 | 269.7 | 273 | 267 | |
| 400 | 30 | 07613 | 260.6 | 263 | 254 | |
| 300 | 29 | 09732 | 244.1 | 248 | 240 | |
| 250 | 29 | 11009 | 235.3 | 242 | 232 | |
| 200 | 28 | 12505 | 223.1 | 229 | 220 | |
| 175 | 25 | 13363 | 217.2 | 221 | 211 | |
| 150 | 25 | 14332 | 210.8 | 216 | 200 | |
| 125 | 25 | 15409 | 203.7 | 211 | 195 | |
| 100 | 23 | 16746 | 198.4 | 207 | 190 | |
| 80 | 20 | 18080 | 200.2 | 214 | 191 | |
| 70 | 17 | 18872 | 203.1 | 211 | 196 | |
| 60 | 17 | 19782 | 207.6 | 216 | 202 | |
| 50 | 13 | 20892 | 212.8 | 217 | 207 | |
| 40 | 09 | 22278 | 216.0 | 223 | 208 | |
| 30 | | | | | | |
| 20 | | | | | | |
| 10 | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 12 HRS G.M.T.

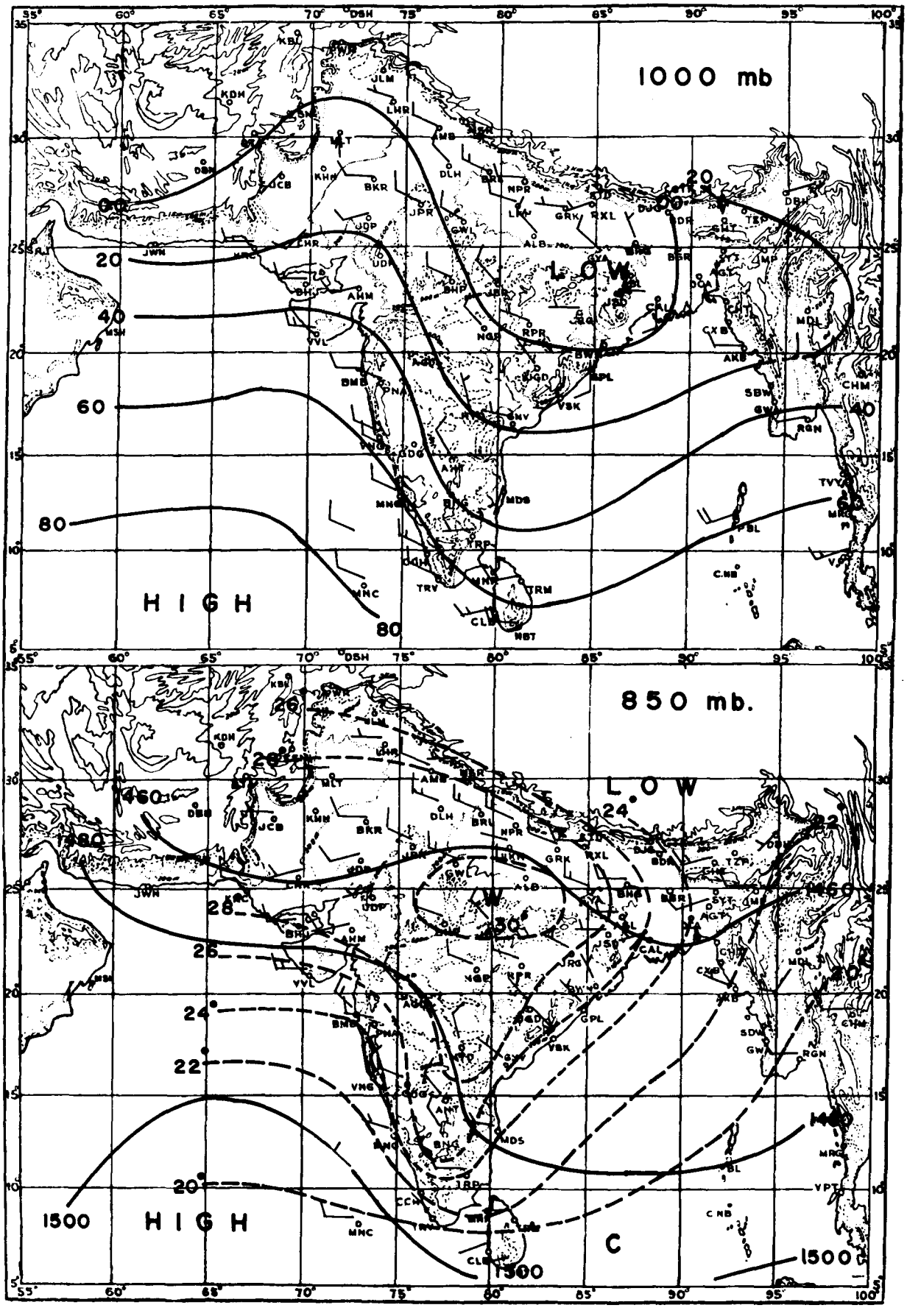
MAY 1966.(VAISAKHA 11 - JYAISTHA 10,1888 SAKA)

| STANDARD PRESSURE SURFACE | NAGPUR/SONEGAON SURFACE PR ( 967 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 977 MB) | | | | | | PORT BLAIR ( 997 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00311 | 312.6 | 316 | 300 | 286.0 | 31 | 00209 | 310.1 | 315 | 299 | 288.0 | 31 | 00079 | 300.3 | 303 | 295 | 297.5 |
| 1000 | 31 | 00000 | | | | | 31 | 00005 | | | | | 31 | 00058 | | | | |
| 900 | 31 | 00960 | 306.7 | 311 | 293 | 285.3 | 31 | 00948 | 305.6 | 311 | 295 | 280.0 | 31 | 00980 | 295.8 | 298 | 294 | 292.8 |
| 850 | 31 | 01472 | 302.1 | 307 | 294 | 285.2 | 31 | 01456 | 301.7 | 307 | 293 | 276.5 | 31 | 01476 | 293.3 | 296 | 291 | 289.6 |
| 800 | 31 | 02005 | 297.2 | 302 | 291 | 284.2 | 31 | 01990 | 297.6 | 303 | 288 | 275.3 | 31 | 01997 | 290.4 | 293 | 287 | 285.6 |
| 700 | 31 | 03148 | 286.1 | 291 | 283 | 278.2 | 31 | 03137 | 287.9 | 293 | 280 | 271.2 | 31 | 03123 | 284.1 | 287 | 281 | 278.5 |
| 600 | 31 | 04426 | 277.0 | 283 | 273 | 268.6 | 31 | 04416 | 277.6 | 283 | 269 | 264.9 | 31 | 04393 | 277.5 | 283 | 274 | 270.5 |
| 500 | 31 | 05885 | 269.3 | 273 | 263 | | 31 | 05872 | 267.3 | 271 | 262 | | 31 | 05858 | 270.5 | 277 | 267 | |
| 400 | 31 | 07612 | 258.0 | 263 | 253 | | 31 | 07582 | 255.8 | 259 | 249 | | 29 | 07592 | 260.7 | 264 | 255 | |
| 300 | 31 | 09724 | 242.7 | 247 | 237 | | 31 | 09686 | 242.9 | 249 | 235 | | 29 | 09725 | 245.5 | 252 | 241 | |
| 250 | 31 | 10958 | 233.8 | 239 | 230 | | 31 | 10967 | 235.7 | 241 | 229 | | 29 | 11014 | 236.3 | 243 | 229 | |
| 200 | 31 | 12492 | 223.4 | 231 | 218 | | 31 | 12477 | 227.0 | 236 | 219 | | 28 | 12525 | 224.9 | 230 | 220 | |
| 175 | 28 | 13408 | 218.3 | 227 | 211 | | 31 | 13354 | 221.9 | 230 | 214 | | 27 | 13375 | 218.3 | 225 | 213 | |
| 150 | 28 | 14336 | 212.5 | 224 | 204 | | 31 | 14372 | 216.5 | 225 | 209 | | 27 | 14358 | 211.3 | 220 | 205 | |
| 125 | 26 | 15442 | 206.2 | 217 | 199 | | 25 | 15496 | 211.0 | 220 | 205 | | 24 | 15475 | 204.8 | 213 | 199 | |
| 100 | 25 | 16798 | 201.5 | 211 | 192 | | 24 | 16862 | 206.7 | 215 | 200 | | 18 | 16815 | 198.5 | 205 | 193 | |
| 80 | 21 | 18126 | 203.0 | 213 | 191 | | 19 | 18223 | 206.2 | 211 | 199 | | 14 | 18116 | 198.1 | 207 | 192 | |
| 70 | 21 | 18952 | 205.6 | 217 | 195 | | 16 | 18962 | 207.9 | 214 | 201 | | 08 | 19003 | 202.0 | 211 | 191 | |
| 60 | 19 | 19876 | 208.6 | 220 | 198 | | 12 | 19993 | 211.4 | 217 | 205 | | 06 | 19901 | 204.7 | 215 | 196 | |
| 50 | 12 | 20933 | 211.3 | 220 | 203 | | 09 | 21124 | 216.6 | 222 | 205 | | 05 | 21046 | 210.8 | 219 | 206 | |
| 40 | 08 | 22399 | 216.9 | 224 | 208 | | 09 | 22561 | 218.6 | 228 | 205 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | SRINAGAR SURFACE PR ( 839 MB) | | | | | | TRIVANDRUM ( 1000 MB) | | | | | | VISHAKAPATNAM ( 997 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 23 | 01588 | 294.0 | 302 | 282 | 284.4 | 30 | 00064 | 303.3 | 305 | 301 | 297.0 | 31 | 00041 | 304.8 | 306 | 303 | 300.8 |
| 1000 | 23 | 00046 | | | | | 30 | 00066 | 302.9 | 304 | 301 | 297.1 | 31 | 00019 | 304.6 | 306 | 302 | 300.6 |
| 900 | 23 | 00976 | | | | | 30 | 00999 | 295.4 | 298 | 291 | 290.0 | 29 | 00964 | 301.5 | 306 | 296 | 290.6 |
| 850 | 23 | 01469 | | | | | 30 | 01494 | 292.6 | 296 | 288 | 287.2 | 29 | 01470 | 299.0 | 305 | 291 | 286.2 |
| 800 | 23 | 02014 | 290.6 | 299 | 276 | 278.4 | 30 | 02015 | 289.8 | 293 | 284 | 283.0 | 29 | 02000 | 295.2 | 300 | 287 | 284.2 |
| 700 | 23 | 03112 | 283.0 | 291 | 271 | 270.0 | 30 | 03142 | 284.0 | 288 | 279 | 275.4 | 29 | 03143 | 286.0 | 291 | 281 | 278.5 |
| 600 | 23 | 04372 | 274.0 | 280 | 265 | 265.3 | 30 | 04412 | 275.9 | 280 | 273 | 269.3 | 29 | 04417 | 277.0 | 283 | 271 | 270.8 |
| 500 | 22 | 05805 | 263.0 | 270 | 256 | | 30 | 05868 | 267.7 | 272 | 263 | | 29 | 05878 | 269.0 | 274 | 261 | |
| 400 | 22 | 07487 | 251.4 | 258 | 245 | | 30 | 07586 | 256.8 | 263 | 252 | | 29 | 07608 | 258.3 | 263 | 254 | |
| 300 | 21 | 09549 | 236.9 | 243 | 228 | | 30 | 09694 | 242.5 | 249 | 235 | | 28 | 09729 | 243.8 | 249 | 239 | |
| 250 | 20 | 10793 | 228.7 | 235 | 220 | | 30 | 10966 | 233.2 | 240 | 225 | | 28 | 11008 | 234.6 | 239 | 231 | |
| 200 | 19 | 12278 | 224.5 | 230 | 215 | | 30 | 12454 | 220.8 | 229 | 210 | | 28 | 12507 | 223.0 | 229 | 217 | |
| 175 | 19 | 13156 | 222.8 | 227 | 217 | | 29 | 13296 | 214.7 | 222 | 203 | | 20 | 13340 | 217.3 | 224 | 210 | |
| 150 | 17 | 14160 | 221.6 | 227 | 217 | | 29 | 14265 | 208.4 | 218 | 196 | | 19 | 14306 | 216.6 | 220 | 201 | |
| 125 | 14 | 15290 | 217.5 | 221 | 213 | | 26 | 15350 | 202.2 | 213 | 197 | | 18 | 15393 | 205.4 | 213 | 195 | |
| 100 | 10 | 16672 | 212.5 | 215 | 210 | | 23 | 16703 | 197.0 | 207 | 191 | | 17 | 16747 | 200.4 | 206 | 192 | |
| 80 | 07 | 18045 | 210.0 | 215 | 205 | | 19 | 17993 | 199.5 | 205 | 193 | | 13 | 18085 | 202.0 | 212 | 193 | |
| 70 | 07 | 18881 | 212.3 | 218 | 207 | | 19 | 18781 | 202.5 | 211 | 193 | | 11 | 18900 | 204.6 | 215 | 196 | |
| 60 | | | | | | | 16 | 19701 | 206.7 | 213 | 201 | | 09 | 19923 | 208.0 | 215 | 200 | |
| 50 | | | | | | | 15 | 20808 | 210.7 | 217 | 203 | | 08 | 20952 | 212.5 | 217 | 205 | |
| 40 | | | | | | | 11 | 22198 | 213.9 | 219 | 207 | | | | | | | |
| 30 | | | | | | | 06 | 23970 | 219.2 | 225 | 215 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

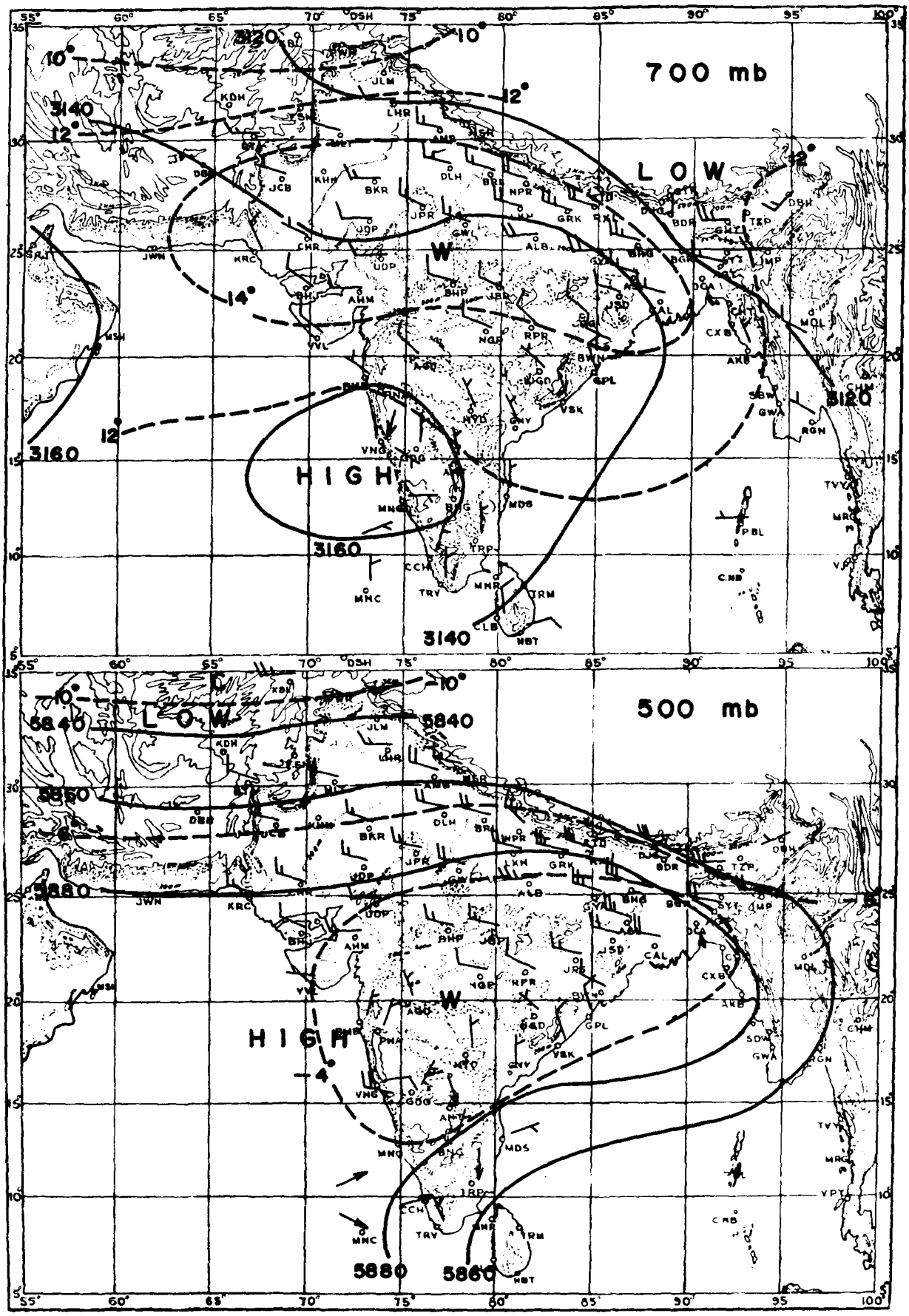
# MAY 1966






RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ——— Contours in geopotential metres.




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.

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1966

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## JUNE 1966

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# INDIA WEATHER REVIEW 1966

## Monthly Weather Report

## JUNE

# MONTHLY WEATHER REPORT

# FOR

# JUNE - 1966

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** ** **

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| ≠ | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## JUNE

Published by authority of the Government of India

Chief features :

(i) Advance of the southwest monsoon to cover the entire country outside West Rajasthan and the western parts of the Punjab by the end of the third week;

(ii) Good rainfall activity over the Peninsula during the first fortnight followed by feeble activity later;

(iii) Generally good rainfall over north and central India during the second fortnight with heavy rains leading to floods in the Punjab during the third week;

(iv) Pronounced monsoon activity in Assam causing serious floods;

(v) Formation and movement of three Bay depressions; and

(vi) Moderate to severe heat wave over large areas of north India mostly during the second week.

A well marked low pressure area which had developed at the end of last month moved westwards and concentrated into a depression by the evening of 2nd with centre near Lat. 15.0° N and long. 88.0°E. Moving rapidly in a northwesterly direction it crossed coast near Kalingapatam by the next evening and weakened into a trough of low pressure over Andhra Pradesh. The trough moved very slowly westwards across the north Peninsula to east central Arabian Sea off the Mysore coast where it persisted on 6th and 7th. Thereafter, it shifted slowly northwestwards and became unimportant over the northeast Arabian Sea by 13th. Under its influence the southwest monsoon set in over south Kerala on 1st which is about the normal date. The monsoon advanced steadily northwards to cover the entire Peninsula by the middle of the month. Some of the noteworthy amounts of rainfall recorded were : Alleppey and Punalur 11 cm. each on 2nd, Fort Cochin and Alleppey 10cm. each and Madurai 8 cm. on 3rd, Minicoy 7 cm. on 4th, Mangalore 8 cm. on 6th, Amini 10 cm. on 10th and Cuddapah 8 cm. on 11th.

The Bay branch of the monsoon also extended into Assam by 6th and into the remaining parts of northeast India by the middle of the month. Some of the noteworthy rainfalls recorded were : Dhubri 18 cm. on 2nd, Pasighat 23 cm. on 3rd, 13 cm. on 4th, 11 cm. on 5th, 19cm. on 6th, 19 cm. on 7th and 16 cm. on 9th, North Lakhimpur 13 cm. on 9th, Silchar 12 cm. and Haflong 10 cm. on 10th, Kailashahar 12 cm. on 11th, Tezpur 11 cm. on 12th and Imphal 11 cm. on 14th. The prolonged spell of heavy rains in Assam led to serious floods there during the second week. According to press reports, communication with Assam was completely cut off due to breaches and flooding caused by the continued heavy rains and standing crops were damaged. About seven lakh people were reported to have been affected by the floods in Cachar district alone. 12 persons were reported to have lost their lives. The flood situation, however, began to improve from 15th in North Assam.

A well marked low pressure area developed over the north Bay of Bengal on 15th. It intensified into a deep depression by the next morning with centre about 300 kms. southeast of Calcutta. Moving northnorthwestwards, it crossed the Sunderbans coast during the night of 16th-17th and began to recurve northeastwards. It weakened into a depression by the morning of 18th, centred about a hundred kms. east of Agartala. Weakening further it moved away eastwards. Another low pressure area formed over East Pakistan and neighbourhood on 20th. It shifted slightly westwards and persisted over Gangetic West Bengal and adjoining Bihar Plateau and Orissa till 26th. Later, it shifted southeastwards to the head Bay of Bengal and concentrated into a depression by the morning

of 28th with centre about 150 kms. south of Calcutta. The depression moved northwards and crossed coast the same day. On 29th morning it was centred near Berhampore. Later it weakened, moved northwestwards and was lying as a low pressure area over Bihar Plains on 30th. Under the influence of these two systems, the monsoon was fairly active over most parts of northeast India. Some of the heavy rainfalls recorded were : Sandheads and Chandbali 9 cm. each on 16th, Agartala 13 cm. and Kailashahar 9 cm. on 18th, Haflong 24 cm., Silchar 17 cm., Kohima 10 cm. and Gorakhpur 9 cm. on 19th, Gauhati 9 cm. on 23rd, Pasighat 15 cm. and Chaibasa 12 cm. on 24th, Sambalpur 13 cm. and Jamshedpur 9 cm. on 25th, Jharsuguda 9 cm. on 26th, Balasore 9 cm. on 28th and Krishnanagar 9 cm. on 30th. According to press reports, the flood situation in Cachar district, Manipur and Tripura worsened during the third week due to the continuous heavy rains. Half of Imphal town was under water and the town was cut off from air and land routes. Standing paddy crop in Tripura State was damaged and nearly 8 lakh people were affected by the floods.

The advance of the monsoon into Gujarat State and the central parts of the country was delayed by about a week as compared with the normal dates. The seasonal low over West Pakistan and Rajasthan became active at the beginning of the third week and the monsoon made a rapid advance over north India and covered the entire country except West Rajasthan and the western parts of the Punjab by the end of the week. Consequently,there was excess rainfall over northwest India, Uttar Pradesh and the central parts of the country. Rewa recorded 9 cm. of rain on 18th, Abu 18 cm. on 19th and Dehra Dun 12 cm. and Idar 9 cm. on 20th. According to press reports, the Pathankot-Jullunder railway lines were breached at several points due to heavy rains and traffic on this sector had to be suspended. An upper air cyclonic circulation developed over Gujarat State and adjoining Rajasthan on 23rd and persisted there till 25th, causing good rainfall there. Veraval recorded 16 cm. of rain on 23rd. The monsoon was also active in Uttar Pradesh and adjoining areas during the last week. Some of the heavy rainfalls recorded were Dehra Dun 13 cm. on 24th, 15 cm. on 25th, 9 cm. on 26th, 16 cm. on 27th and 13 cm. on 28th, Askote 17 cm. on 24th, Bareilly 21 cm. on 26th and Hardoi 10 cm. on 28th. According to press reports, the torrential rains caused widespread damage in Dehra Dun and road traffic was blocked by streams of rain water in the western Doon Valley.

The monsoon remained generally feeble over the Peninsula during the second fortnight.However, moderate rain with a few heavy falls occurred along the west coast on a few days. Ratnagiri and Honavar recorded 9 cm. of rain each on 15th, Calicut 9 cm. on 16th, Alleppey 9 cm. on 20th, Honavar 12 cm. on 21st and Calicut and Mangalore 10 cm. each and Fort Cochin 9 cm. on 30th.

The fairly active western disturbance which was lying over the Punjab and Jammu and Kashmir at the end of last month moved away eastwards by 2nd without causing any appreciable precipitation. Another feeble western disturbance moved eastwards across the north of the country during the period 11th-12th and under its influence there was incursion of moist southwesterlies into northwest India leading to dust or thunderstorms at a number of places.

Day temperatures were above normal over practically the entire north and central India from the beginning of the month. With further rise in the day temperatures, a moderate to severe heat wave affected Uttar Pradesh, western parts of Bihar State and North Madhya Pradesh on 6th. It extended eastwards upto West Bengal by the next day. From 9th to 12th the heat wave was confined to east Uttar Pradesh, Bihar State and adjoining areas of east Madhya Pradesh, Gangetic West Bengal and adjoining parts of Orissa. The highest maximum temperature of 49°C was recorded at Orai and Banda in Uttar Pradesh on 8th, the highest departure from normal of maximum temperature of +12°C was reported from Berhampore in Gangetic West Bengal on 9th. The heat wave abated after 12th. Day temperatures remained generally below normal over northwest India and Uttar Pradesh during the second fortnight, being markedly so over northwest India during the third week and also over Uttar Pradesh during the last week. They were also below normal on most of the days over Assam. Over the Peninsula day temperatures were above normal during the second and fourth weeks.

The rainfall for the month was in large excess in Bihar Plateau, Uttar Pradesh, Punjab, Himachal Pradesh, East Rajasthan, East Madhya Pradesh and Rayalaseema; in moderate excess in Jammu and Kashmir, Assam, Orissa and Madras; in slight excess in Western Rajasthan, Gujarat and Saurashtra and Kutch and normal in Gangetic West Bengal and Arabian Sea Islands. It was in slight defect in West Madhya Pradesh, Coastal Mysore and Kerala; in moderate defect in Sub-Himalayan West Bengal, Bihar Plains, Konkan, Madhya Maharashtra, Marathwada, Coastal Andhra Pradesh and North Interior Mysore, and in large defect in the Bay Islands, Vidarbha, Telangana and South Interior Mysore.

The mean maximum temperature was above normal in Bihar Plains, Marathwada and Interior Mysore and below normal in Assam, Punjab and East Rajasthan. It was normal over the rest of the country.

The mean minimum temperature was above normal in Himachal Pradesh and below normal in West Uttar Pradesh and Rajasthan. It was normal over the rest of the country.

The mean relative humidity in the morning was above normal in West Uttar Pradesh, Punjab, Himachal Pradesh, and East Madhya Pradesh and below normal in Marathwada. It was normal over the rest of the country.

The mean relative humidity in the evening was above normal in West Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir and East Madhya Pradesh and below normal in Bihar Plains, Marathwada, Vidarbha and Interior Mysore. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in West Uttar Pradesh, Punjab, Himachal, Pradesh, and Rajasthan. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in West Uttar Pradesh, Punjab and West Rajasthan and below normal in Bihar Plains. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA - 5.

19th October 1966.

R. ANANTHAKRISHNAN

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING | 658.5 | 137 | 29.6 | 22.9 | 89 | 84 | 7.0 | 6.4 |
| MANIPUR,TRIPURA) | +176.2 | | -1.4 | -1.0 | + 4 | + 4 | +0.3 | +0.5 |
| 2.WEST BENGAL . . . | 305.1 | 90 | 34.1 | 25.6 | 79 | 74 | 5.7 | 5.7 |
| | - 33.3 | | +0.5 | -0.3 | - 0 | - 1 | -0.2 | -0.3 |
| 3.ORISSA . . . . . | 282.7 | 139 | 34.3 | 25.6 | 78 | 72 | 6.2 | 6.4 |
| | + 78.8 | | -0.7 | -0.8 | + 3 | + 5 | +0.6 | +0.4 |
| 4.BIHAR . . . . . | 181.1 | 94 | 36.8 | 25.9 | 67 | 56 | 4.4 | 4.7 |
| | - 11.9 | | +1.0 | -0.2 | - 4 | - 5 | -0.8 | -0.8 |
| 5.UTTAR PRADESH . . | 208.5 | 202 | 38.4 | 26.2 | 61 | 47 | 3.6 | 3.7 |
| | +105.0 | | +0.0 | -0.8 | + 1 | + 3 | +0.2 | +0.3 |
| 6.PUNJAB(INCLUDING | 143.2 | 260 | 38.9 | 25.6 | 59 | 43 | 3.0 | 2.5 |
| H.P.AND DELHI) . | + 88.1 | | -1.2 | -0.6 | + 9 | +10 | +1.0 | +0.5 |
| 7.JAMMU AND KASHMIR | 48.9 | 135 | 27.5 | 14.3 | 54 | 53 | 2.8 | 3.3 |
| | + 12.7 | | -0.2 | +0.4 | - 1 | +18 | +0.2 | -0.5 |
| 8.RAJASTHAN . . | 60.0 | 143 | 39.2 | 26.8 | 56 | 37 | 3.6 | 3.8 |
| | + 18.2 | | -0.9 | -1.4 | - 1 | + 2 | +1.4 | +0.9 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 158.3 | 34 | 30.6 | 24.5 | 82 | 83 | 5.8 | 6.0 |
| | -300.5 | | +1.0 | -0.2 | - 2 | - 3 | -0.6 | -0.7 |
| 2.NORTH ASSAM . | 617.2 | 136 | 30.0 | 23.2 | 89 | 83 | 6.7 | 5.9 |
| (INCLUDING NEFA) | +163.2 | | -1.4 | -1.0 | + 4 | + 3 | +0.1 | +0.3 |
| 3.SOUTH ASSAM (INC | 752.8 | 138 | 28.9 | 22.3 | 87 | 85 | 7.4 | 7.3 |
| LUDING N.LANDFTC) | +205.7 | | -1.4 | -0.9 | + 3 | + 4 | +0.7 | +1.0 |
| 4.SUB-HIMALAYAN, | 390.4 | 65 | 32.2 | 24.5 | 83 | 75 | 6.0 | 5.0 |
| WEST BENGAL. | -209.4 | | +0.6 | -0.2 | - 2 | - 3 | -0.4 | -0.6 |
| 5.GANGETIC,WEST- | 276.7 | 110 | 34.8 | 26.0 | 78 | 74 | 5.6 | 5.9 |
| BENGAL. | + 25.5 | | +0.4 | -0.4 | + 0 | + 0 | -0.1 | -0.1 |
| 6.ORISSA . | 282.7 | 139 | 34.3 | 25.6 | 78 | 72 | 6.2 | 6.4 |
| | + 78.8 | | -0.7 | -0.8 | + 3 | + 5 | +0.6 | +0.4 |
| 7.BIHAR PLATEAU. . | 260.4 | 133 | 36.2 | 25.7 | 66 | 60 | 4.6 | 6.3 |
| | + 64.0 | | +0.5 | -0.1 | - 2 | - 1 | -0.7 | -0.3 |
| 8.BIHAR PLAINS. . | 116.2 | 61 | 37.2 | 26.0 | 68 | 53 | 4.2 | 3.5 |
| | - 73.9 | | +1.4 | -0.4 | - 5 | - 8 | -0.9 | -1.2 |
| 9.UTTAR PRADESH, | 185.1 | 169 | 39.2 | 27.0 | 61 | 47 | 3.7 | 3.6 |
| (EAST). | + 75.5 | | +0.5 | -0.6 | - 2 | + 0 | -0.1 | +0.1 |
| 10.UTTAR PRADESH, | 242.5 | 256 | 37.3 | 25.1 | 60 | 48 | 3.5 | 4.0 |
| (WEST). | +147.9 | | -0.7 | -1.1 | + 6 | + 8 | +0.8 | +0.7 |
| 11.PUNJAB(INCLUDING | 105.3 | 213 | 39.2 | 25.9 | 58 | 42 | 2.9 | 2.3 |
| DELHI). | + 55.8 | | -1.3 | -1.0 | + 9 | +10 | +1.0 | +0.5 |
| 12.HIMACHAL PRADESH | 351.6 | 410 | 36.9 | 24.0 | 64 | 47 | 3.8 | 3.5 |
| | +265.9 | | -0.5 | +1.8 | +10 | + 9 | +1.4 | +0.2 |
| 13.JAMMU AND KASH- | 48.9 | 135 | 27.5 | 14.3 | 54 | 53 | 2.8 | 3.3 |
| MIR. | + 12.7 | | -0.2 | +0.4 | - 1 | +18 | +0.2 | -0.5 |
| 14.RAJASTHAN(WEST). | 30.3 | 121 | 40.0 | 26.6 | 54 | 33 | 3.3 | 3.4 |
| | + 5.3 | | -0.6 | -1.5 | - 5 | + 0 | +1.6 | +1.4 |
| 15.RAJASTHAN(EAST). | 84.4 | 151 | 38.5 | 27.0 | 57 | 40 | 3.8 | 4.0 |
| | + 28.7 | | -1.2 | -1.3 | + 3 | + 3 | +1.3 | +0.5 |
| 16.MADHYA PRADESH | 109.5 | 89 | 37.5 | 25.7 | 62 | 44 | 4.6 | 5.2 |
| (WEST). | - 13.2 | | +0.1 | -0.6 | - 1 | - 1 | +0.3 | +0.3 |

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 176.4 | 126 | 37.0 | 25.8 | 65 | 50 | 5.0 | 5.7 |
| . | + 36.2 | | -0.3 | -0.5 | + 3 | + 3 | +0.4 | +0.4 |
| 10.GUJARAT STATE . . | 103.0 | 119 | 35.2 | 26.5 | 81 | 62 | 5.1 | 4.2 |
| . | + 16.3 | | -0.3 | -0.6 | + 4 | + 3 | +0.4 | +0.1 |
| 11.MAHARASHTRA STATE | 159.5 | 53 | 34.8 | 25.0 | 73 | 55 | 5.7 | 5.8 |
| . | -144.3 | | +0.6 | +0.1 | - 2 | - 4 | +0.4 | +0.2 |
| 12.ANDHRA PRADESH . | 81.5 | 77 | 36.3 | 26.3 | 69 | 51 | 5.8 | 6.1 |
| . | - 24.0 | | +0.3 | -0.2 | + 1 | - 3 | -0.0 | +0.0 |
| 13.MADRAS STATE . . | 49.4 | 128 | 35.4 | 25.3 | 69 | 60 | 4.9 | 5.5 |
| . | + 10.9 | | +0.2 | -0.6 | + 4 | + 4 | -0.4 | -0.3 |
| 14.MYSORE . . . . . | 205.5 | 68 | 31.3 | 22.2 | 82 | 62 | 6.3 | 6.5 |
| . | - 95.3 | | +1.1 | +0.2 | + 0 | - 5 | +0.0 | +0.0 |
| 15.KERALA . . . . | 436.2 | 77 | 29.8 | 23.9 | 89 | 82 | 6.6 | 6.7 |
| . | -132.2 | | +0.3 | +0.2 | - 0 | - 0 | -0.1 | -0.2 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . | 265.7 | 162 | 36.2 | 26.0 | 68 | 58 | 5.6 | 6.3 |
| (EAST). . | +102.2 | | -0.8 | -0.4 | + 8 | + 9 | +0.6 | +0.5 |
| 18.GUJARAT REGION . | 124.0 | 113 | 36.5 | 26.2 | 79 | 51 | 5.4 | 4.1 |
| . | + 14.6 | | -0.2 | -0.6 | + 3 | + 0 | +0.5 | +0.3 |
| 19.SAURASHTRA KUTCH. | 90.1 | 124 | 34.4 | 26.7 | 82 | 69 | 4.8 | 4.3 |
| (INCLUDING DIU) . | + 17.3 | | -0.4 | -0.6 | + 5 | + 4 | +0.3 | -0.0 |
| 20.KONKAN (INCLUDING | 356.2 | 55 | 30.8 | 25.8 | 85 | 80 | 6.8 | 6.3 |
| GOA) . | -296.2 | | +0.1 | +0.2 | + 1 | - 0 | +0.5 | +0.2 |
| 21.MADHYAMAHARASHTRA | 87.5 | 52 | 34.9 | 23.3 | 74 | 52 | 5.5 | 5.5 |
| . | - 81.4 | | +0.8 | -0.2 | - 0 | - 3 | +0.5 | +0.1 |
| 22.MARATHWADA. . | 82.5 | 56 | 36.5 | 23.7 | 65 | 39 | 5.1 | 5.7 |
| . | - 63.6 | | +1.1 | +0.1 | - 9 | -11 | +0.2 | -0.2 |
| 23.VIDARBHA. . | 76.5 | 44 | 38.0 | 26.6 | 62 | 41 | 5.2 | 5.8 |
| . | - 96.2 | | +0.8 | +0.4 | - 4 | - 6 | +0.2 | +0.2 |
| 24.COASTAL ANDHRA | 69.1 | 68 | 36.1 | 27.1 | 71 | 59 | 6.0 | 6.1 |
| PRADESH. . | - 33.0 | | -0.2 | -0.4 | + 1 | - 1 | +0.1 | +0.1 |
| 25.TELANGANA. . | 66.8 | 48 | 37.4 | 26.4 | 66 | 44 | 5.7 | 6.1 |
| . | - 71.4 | | +1.0 | +0.2 | - 1 | - 5 | -0.0 | +0.0 |
| 26.RAYALASEEMA. . | 128.5 | 203 | 35.2 | 24.5 | 71 | 44 | 5.5 | 6.1 |
| . | + 65.2 | | +0.4 | -0.3 | + 4 | - 4 | -0.3 | -0.2 |
| 27.MADRAS STATE. . | 49.4 | 128 | 35.4 | 25.3 | 69 | 60 | 4.9 | 5.5 |
| . | + 10.9 | | +0.2 | -0.6 | + 4 | + 4 | -0.4 | -0.3 |
| 28.COASTAL MYSORE . | 759.0 | 76 | 29.6 | 24.2 | 90 | 83 | 6.9 | 6.7 |
| . | -233.7 | | +0.3 | +0.3 | + 1 | - 2 | -0.2 | -0.4 |
| 29.INTERIOR MYSORE. | 59.8 | 52 | 33.2 | 22.6 | 79 | 54 | 6.4 | 6.7 |
| (NORTH). . | - 55.3 | | +1.2 | +0.3 | - 0 | - 6 | +0.6 | +0.5 |
| 30.INTERIOR MYSORE. | 56.2 | 48 | 30.5 | 20.9 | 82 | 59 | 5.9 | 6.2 |
| (SOUTH). . | - 61.1 | | +1.4 | +0.1 | + 1 | - 6 | -0.5 | -0.3 |
| 31.KERALA. . | 436.2 | 77 | 29.8 | 23.9 | 89 | 82 | 6.6 | 6.7 |
| . | -132.2 | | +0.3 | +0.2 | - 0 | - 0 | -0.1 | -0.2 |
| 32.ARABIANSEAISLANDS | 379.1 | 110 | 30.2 | 25.5 | 83 | 80 | 6.7 | 6.7 |
| . | + 34.2 | | +0.2 | -0.2 | + 2 | + 0 | +0.0 | -0.4 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 30.5 | +1.1 | 32.5 | 05 | 25.0 | +0.6 | 23.1 | 16 | 51.0 | 166.4 | -414.0 | 39.2 | 15 | 14 | - 7.4 | 18.8 | 14.1 | +1.9 | 0 | 18 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Long Island | 30.9 | +0.6 | 32.9 | 11 | 23.5 | -1.2 | 21.7 | 16 | 49.4 | 153.4 | -366.8 | 26.6 | 15 | 17 | - 2.9 | 7.9 | 5.4[b] | +2.0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Blair | 30.2 | +1.1 | 31.6 | 08 | 24.5 | +0.3 | 22.1 | 15 | 39.4 | 124.7 | -443.8 | 22.2 | 02 | 12 | - 9.2 | 24.0 | 18.1 | -1.7 | 4 | 20 | 0 | 0 | 4 | 0 | 0 | 0 | 2 | 0 |
| Car Nicobar | 30.9 | +0.7 | 32.1 | 29 | 24.2 | -0.7 | 22.1 | 09 | 36.4 | 147.0 | -249.8 | 24.3 | 13 | 15 | - 2.8 | 5.6 | 3.4 | -2.4 | 0 | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 30.9 | +1.5 | 33.1 | 09 | 25.4 | +0.2 | 23.3 | 01 | 75.6 | 167.6 | -128.5 | 47.6 | 19 | 9 | - 7.0 | 9.1 | 7.3 | -4.5 | 0 | 17 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 30.2 | +0.7 | 31.2 | 16 | 24.4 | -0.6 | 22.8 | 10 | 31.2 | 190.4 | -200.0 | 52.2 | 01 | 10 | - 7.9 | 8.7 | 5.9 | -4.2 | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 27.9 | -2.8 | 34.7 | 16 | 20.6 | -2.7 | 18.9 | 19 | 422.6 | 1515.8 | -296.0 | 191.4 | 07 | 20 | + 1.1 | 4.2 | 4.6 | -0.8 | 1 | 24 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 28.4 | -2.5 | 32.6 | 25 | 23.2 | -0.8 | 20.9 | 11 | 87.4 | 571.0 | +104.5 | 153.8 | .. | 19 | + 0.9 | 7.7 | 5.9 | +1.7 | 1 | 26 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Digboi | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| North Lakhimpur | 29.1 | -1.0 | 32.8 | 24 | 22.5 | -1.5 | 20.3 | 20 | 127.0 | 878.3 | +266.3 | 136.6 | 09 | 23 | + 2.6 | 8.0 | 6.5 | .. | 1 | 24 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Sibsagar | 29.8 | -1.7 | 34.2 | 25 | 22.4 | -2.4 | 20.7 | 19 | 44.6 | 376.0 | - 36.5 | 52.6 | 11 | 22 | + 4.2 | 7.5 | 6.6 | +0.9 | 0 | 26 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 29.6 | -2.7 | 33.7 | 24 | 22.6 | -1.3 | 20.0 | 20 | 62.4 | 512.9 | +243.2 | 83.4 | 10 | 20 | + 8.3 | 5.6 | 4.9 | .. | 2 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 30.0 | .. | 34.1 | 28 | .. | .. | .. | .. | 99.0 | 527.8 | + 31.1 | 100.6 | 12 | 17 | + 0.3 | 9.2 | 6.9 | +3.1 | 2 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 30.3 | .. | 35.2 | 25 | 23.4 | .. | 21.3 | 17 | 38.1 | 342.0 | .. | 60.2 | 13 | 23 | .. | .. | .. | .. | 1 | 27 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Tangla | 30.1 | -1.8 | 34.2 | 26 | 25.1 | +0.8 | 21.7 | 20 | 126.4 | 515.1 | - 7.0 | 108.6 | 14 | 11 | - 3.8 | 7.2 | 6.3 | +4.3 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 30.1 | -1.5 | 34.5 | 24 | 26.5 | +1.8 | 22.5 | 13 | 46.2 | 450.5 | +146.2 | 120.7 | 12 | 17 | + 0.7 | 8.2 | 7.1 | +4.3 | 0 | 20 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 30.1 | -1.7 | 35.1 | 25 | 22.1 | -1.9 | 19.4 | 20 | 95.6[f] | 564.0 | +346.7 | 13.9 | 13 | 21 | + 6.3 | .. | .. | .. | 0 | 25 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bangia | 30.5 | -1.5 | 34.9 | 26 | 23.6 | -0.1 | 21.2 | 10 | 74.3 | 614.5 | +118.3 | 11.3 | 08 | 15 | + 2.2 | 9.4 | 7.2 | .. | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 30.6 | -1.5 | 35.5 | 28 | 19.7 | -5.1 | 16.6 | 11 | 81.8 | 329.9 | + 14.6 | 43.0 | 14 | 18 | + 2.6 | 7.1 | 6.4 | .. | 0 | 19 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Goalpara | 30.7 | -0.6 | 36.0 | 22 | 24.9 | +0.9 | 22.8 | 12 | 136.7 | 835.6 | +304.2 | 144.2 | 13 | 18 | - 1.0 | 8.8 | 6.0 | +3.2 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 30.4 | -0.8 | 33.5 | 28 | 24.3 | -0.6 | 21.6 | 10 | 105.6 | 458.3 | + 92.9 | 90.5 | 23 | 18 | + 1.7 | 9.2 | 7.8 | .. | 1 | 23 | 0 | 0 | 22 | 0 | 0 | 0 | 0 | 0 |
| Dhubri (Rupai) | 31.0 | -0.4 | 33.9 | 26 | 23.7 | -0.6 | 20.9 | 08 | 77.7 | 817.4 | +254.6 | 21.6 | 14 | 16 | + 1.3 | 13.8 | 11.5 | +7.1 | 0 | 21 | 0 | 1 | 12 | 0 | 0 | 0 | 2 | 0 |
| Dhubri | 30.4 | +0.6 | 39.1 | 01 | 23.1 | -1.5 | 20.9 | 15 | 124.3 | 621.8 | - 20.6 | 185.2 | 02 | 20 | + 1.9 | 12.7 | 16.1 | +9.3 | 2 | 22 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 31.0 | -1.5 | 36.6 | 28 | 23.5 | -0.7 | 20.1 | 20 | 94.3 | 286.1 | + 49.1 | 83.1 | 19 | 19 | + 5.4 | 5.6 | 4.8 | .. | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 29.6 | +0.3 | 32.4 | 09 | 24.0 | +1.3 | 21.3 | 02 | 303.8 | 441.3 | -297.5 | 100.5 | 06 | 17 | - 4.6 | 7.6 | 8.6 | +2.2 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 24.7 | -2.9 | 28.8 | 28 | 19.5 | -1.7 | 17.0 | 12 | 453.4 | 1254.8 | +768.8 | 244.2 | 19 | 24 | + 5.2 | 6.6 | 6.0 | .. | 0 | 28 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 29.7 | -1.9 | 35.0 | 29 | 23.2 | -0.7 | 20.1 | 10 | 340.6 | 1046.8 | +368.1 | 156.8 | 19 | 24 | + 3.3 | 7.6 | 7.2 | +1.3 | 0 | 28 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 29.7 | -1.6 | 35.5 | 29 | 22.7 | -1.9 | 19.3 | 08 | 336.0 | 1067.6 | +453.4 | 169.6 | 19 | 27 | + 5.4 | 3.0 | 2.0 | +0.1 | 0 | 28 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 26.9 | -1.8 | 33.2 | 02 | 18.6 | -2.6 | 15.3 | 11 | 167.2 | 605.0 | +326.7 | 83.1 | 19 | 24 | + 9.0 | 6.6 | 4.9 | -2.0 | 1 | 26 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Kailashahar | 30.7 | -1.1 | 34.3 | 01 | 24.0 | -0.3 | 21.5 | 12 | 156.2[i] | 549.3[c] | .. | .. | .. | .. | .. | 8.1 | 7.3[c] | +3.0 | . | .. | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| Agartala | 31.0 | -0.5 | 34.5 | 02 | 24.4 | -0.3 | 22.6 | 20 | 145.7 | 304.7 | -137.2 | 129.9 | 18 | 15 | - 2.9 | 13.8 | 12.3 | +2.7 | 0 | 21 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 31.3 | 0.0 | 34.7 | 01 | 23.7 | -0.3 | 22.2 | 13 | 42.3 | 296.0 | -332.6 | 46.4 | 27 | 18 | - 2.1 | 18.3 | 15.6 | +7.9 | 1 | 20 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 30.9 | +0.3 | 33.9 | 06 | 24.0 | -0.3 | 22.0 | 14 | 56.7 | 387.1 | -296.7 | 81.2 | 03 | 12 | - 7.5 | 15.0 | 11.1 | +3.9 | 0 | 22 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 30.6 | -0.4 | 33.6 | 06 | 23.4 | -0.9 | 21.4 | 14 | 89.5 | 800.7 | - 33.2 | 315.1 | 14 | 19 | - 0.8 | 12.9 | 9.5 | +4.3 | 0 | 23 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Balurghat | 33.9 | .. | 40.2 | 10 | 25.2 | .. | 23.0 | 20 | 65.1 | 190.9 | .. | 93.6 | 30 | 10 | .. | 10.4 | 9.0 | .. | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Malda | 36.0 | +2.4 | 43.4 | 10 | 26.7 | +0.9 | 24.4 | 20 | 36.3 | 77.7 | -175.0 | 14.7 | 30 | 11 | - 0.3 | 5.6 | 4.8 | -3.6 | 1 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 35.3 | +0.8 | 46.9 | 10 | 26.1 | +0.1 | 23.2 | 02 | 106.4 | 180.4 | - 63.7 | 58.0 | 04 | 14 | + 1.3 | 8.6 | 7.5 | +1.6 | 0 | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Suri | 36.5 | +1.2 | 47.8 | 10 | 26.7 | +0.7 | 23.3 | 23 | .. | 333.5 | +155.8 | 128.8 | 30 | 7 | - 3.7 | . | 11.4 | +1.1 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 38.2 | +2.1 | 47.7 | 10 | 27.9 | +1.5 | 24.8 | 24 | 35.3 | 95.8 | -147.0 | 14.3 | 30 | 9 | - 2.7 | 13.5 | 10.8 | +2.2 | 0 | 13 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 36.3 | .. | 47.0 | 10 | 26.8 | .. | 23.8 | 20 | 211.5 | 296.4 | .. | 100.2 | 30 | 10 | .. | 14.5 | 13.5 | .. | 0 | 14 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 34.6 | +0.3 | 45.2 | 12 | 24.5 | -1.5 | 22.0 | 22 | 176.4 | 300.3 | + 38.9 | 86.2 | 30 | 15 | + 2.0 | 13.0 | 10.0 | +2.0 | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 36.5 | +0.2 | 46.2 | 10 | 26.0 | -0.1 | 22.0 | 18 | 104.3 | 248.8 | + 55.4 | 43.4 | 23 | 14 | + 3.2 | 10.0 | 8.2 | +1.1 | 0 | 14 | 0 | 0 | 14 | 0 | 1 | 0 | 0 | 0 |
| Bankura | 37.3 | .. | 47.0 | 10 | 27.3 | .. | 24.0 | 06 | 178.2 | 313.4 | + 55.6 | 83.6 | 28 | 9 | - 2.1 | 11.8 | 6.1 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 36.3 | +1.5 | 44.5 | 12 | 26.9 | +0.8 | 24.5 | 20 | 73.4 | 311.8 | + 55.0 | 68.5 | 23 | 11 | - 1.0 | .. | .. | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 33.7 | .. | 38.3 | 12 | 26.4 | .. | 23.4 | 13 | 156.3 | 292.6 | .. | 54.7 | 29 | 12 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 33.2 | -0.6 | 37.6 | 03 | 26.3 | +0.1 | 23.8 | 13 | 166.8 | 352.5 | + 96.6 | 77.9 | 29 | 16 | + 4.3 | 15.9 | 13.5 | +1.1 | 2 | 19 | 0 | 0 | 11 | 0 | 0 | 0 | 1 | 0 |
| Calcutta | 33.3 | -0.8 | 37.7 | 03 | 25.7 | -1.0 | 23.4 | 13 | 243.8 | 403.2 | +113.1 | 73.8 | 24 | 15 | + 2.1 | 10.9 | 9.4 | +2.7 | 0 | 20 | 0 | 0 | 11 | 0 | 0 | 0 | 3 | 0 |
| Midnapore | 35.4 | +0.1 | 44.7 | 12 | 23.8 | -2.7 | 20.2 | 03 | 165.2 | 296.4 | + 44.2 | 72.6 | 29 | 13 | + 1.1 | 10.8 | 9.1 | +2.4 | 1 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Contai | 32.8 | +0.3 | 37.9 | 13 | 25.1 | -1.4 | 22.8 | 24 | 73.7 | 191.6 | - 87.5 | 66.0 | 29 | 10 | - 1.5 | 18.5 | 15.3 | +1.4 | 0 | 13 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Sagar Island | 31.1 | -0.6 | 33.8 | 03 | 26.8 | -0.6 | 22.1 | 13 | 143.1 | 292.1 | - 10.9 | 88.5 | 13 | 13 | + 1.1 | 33.0 | 33.4 | +8.0 | 0 | 20 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 30.7 | .. | 0.0 | 00 | 25.7 | .. | 0.0 | 00 | 84.2[l] | 241.1[l] | + 50.8 | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 35.9 | +0.2 | 46.9 | 10 | 25.5 | -0.7 | 21.9 | 20 | 161.8 | 408.0 | +178.7 | 81.7 | 28 | 15 | + 3.2 | 4.7 | 4.0 | +0.6 | 0 | 17 | 0 | 0 | 24 | 0 | 0 | 0 | 0 | 0 |
| Jharsuguda | 36.5 | -1.0 | 45.4 | 10 | 26.0 | -0.6 | 22.0 | 19 | 172.4 | 431.5 | +209.4 | 113.8 | 19 | 13 | + 2.5 | 13.5 | 10.5 | +0.5 | 0 | 17 | 0 | 0 | 24 | 0 | 0 | 0 | 4 | 0 |
| Keonjhargarh | 33.5 | -1.0 | 41.3 | 11 | 25.1 | +0.6 | 22.3 | 18 | 133.1 | 279.1 | +102.2 | 60.3 | 29 | 13 | + 1.6 | 13.0 | 12.0 | +4.1 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 34.4 | +0.1 | 43.2 | 14 | 24.5 | -2.1 | 22.4 | 25 | 157.2 | 348.5 | +136.7 | 88.5 | 28 | 13 | + 1.9 | .. | .. | .. | 0 | 20 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER [illegible]

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 36.4 | -0.8 | 44.6 | 10 | 25.6 | -1.3 | 19.3 | 26 | 81.4 | 445.1 | +206.8 | 136.7 | 25 | 14 | + 3.6 | .. | .. | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 35.9 | -0.4 | 44.4 | 10 | 25.4 | -1.1 | 21.9 | 20 | 60.0 | 120.9 | - 78.7 | 23.8 | 24 | 13 | + 1.6 | 15.5 | 12.8 | +3.7 | 6 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 34.3 | 0.0 | 40.9 | 10 | 25.4 | -0.9 | 22.0 | 16 | 145.0 | 339.2 | +144.6 | 87.8 | 28 | 10 | + 0.3 | 15.2 | 14.0 | +1.2 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 36.0 | -1.5 | 44.1 | 10 | 26.1 | -0.1 | 22.1 | 20 | 121.4 | 336.0 | +159.0 | 71.4 | 26 | 12 | + 3.0 | 14.8 | 11.3 | +1.0 | 0 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 33.5 | .. | 41.8 | 01 | 24.0 | .. | 21.5 | 24 | 67.8 | 275.2 | .. | 49.2 | 26 | 15 | .. | 11.2 | 6.6 | .. | 0 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 35.1 | -0.7 | 42.0 | 10 | 26.4 | -0.1 | 23.4 | 20 | 88.6 | 240.8 | + 9.9 | 69.4 | 22 | 13 | + 1.7 | 11.3 | 9.5 | +2.3 | 0 | 18 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 35.7 | -1.2 | 44.6 | 02 | 26.1 | -0.6 | 22.8 | 20 | 112.6 | 258.6 | + 42.1 | 36.2 | 19 | 16 | + 5.1 | 13.4 | 6.3 | +0.9 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 34.5 | -0.8 | 39.9 | 13 | 25.6 | -0.8 | 22.7 | 20 | 85.7 | 178.6 | - 43.9 | 71.4 | 24 | 10 | - 2.4 | 24.1 | 19.4 | +0.3 | 2 | 15 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Puri | 30.9 | -0.8 | 34.2 | 03 | 25.8 | -1.6 | 23.0 | 24 | 42.7 | 79.7 | -106.7 | 30.6 | 20 | 7 | - 1.4 | 25.3[k] | 26.6[l] | +3.4 | 1 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 31.1 | -1.1 | 33.9 | 04 | 25.5 | -1.4 | 23.5 | 28 | 133.7 | 270.9 | +137.8 | 66.0 | 24 | 13 | + 5.6 | 22.7 | 19.6 | +2.4 | 0 | 16 | 0 | 0 | 8 | 0 | 0 | 2 | 0 | 0 |
| Koraput | 29.5 | -0.9 | 37.8 | 01 | .. | .. | .. | .. | 95.6[1] | 221.5 | + 5.2 | 26.8 | 24 | 13 | + 3.7 | .. | .. | .. | 0 | 16 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 37.4 | +2.3 | 47.2 | 10 | 26.8 | +0.8 | 23.9 | 24 | 81.7 | 167.1 | - 77.8 | 40.1 | 24 | 9 | - 2.9 | 12.0 | 7.1 | +0.8 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 39.0 | +0.7 | 46.2 | 09 | 27.1 | -0.5 | 22.6 | 20 | 95.8 | 231.2 | + 77.8 | 48.0 | 29 | 13 | + 5.2 | 9.9 | 7.6 | +0.4 | 0 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 34.9 | +0.3 | 42.8 | 10 | 24.5 | -0.2 | 21.0 | 19 | 77.1 | 149.1 | - 45.2 | 29.3 | 29 | 10 | 0.0 | 14.2 | 11.0 | +1.2 | 0 | 12 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 36.8 | +0.9 | 46.2 | 10 | 26.8 | +0.9 | 23.5 | 23 | 116.9 | 188.7 | + 12.1 | 56.7 | 23 | 12 | + 2.0 | 9.3 | 7.3 | -2.0 | 0 | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 36.1 | +1.9 | 43.1 | 03 | 23.3 | -0.6 | 20.5 | 01 | 73.3 | 215.8 | - 0.9 | 55.0 | 14 | 13 | + 2.0 | 9.8 | 7.6 | +0.6 | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 33.4 | -0.2 | 42.5 | 10 | 23.9 | -0.3 | 19.6 | 17 | 131.9 | 341.3 | +151.1 | 140.0 | 24 | 17 | + 7.3 | 15.8 | 12.3 | +0.1 | 0 | 17 | 0 | 0 | 15 | 1 | 0 | 1 | 1 | 0 |
| Jamshedpur | 36.2 | -0.3 | 45.1 | 11 | 26.0 | -1.0 | 23.2 | 24 | 205.2 | 377.4 | +166.5 | 89.6 | 25 | 12 | + 1.7 | 13.4 | 9.8 | +1.5 | 1 | 12 | 0 | 0 | 3 | 3 | 0 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 36.1 | -0.3 | 45.5 | 11 | 26.8 | +0.1 | 23.4 | 23 | 197.2 | 350.1 | +155.9 | 69.0 | 25 | 12 | + 1.9 | 12.3[b] | 8.8[c] | +1.0 | 1 | 13 | 0 | 0 | 20 | 0 | 0 | 0 | 1 | 0 |
| Chaibasa | 36.3 | -0.4 | 44.5 | 11 | 26.3 | -0.4 | 23.1 | 24 | 132.2 | 322.8 | +136.1 | 124.2 | 24 | 15 | + 4.5 | 5.5 | 5.9 | +1.4 | 0 | 17 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 36.4 | +1.8 | 41.9 | 12 | 23.7 | -2.0 | 19.5 | 04 | 63.2 | 268.2 | + 65.3 | 99.6 | 28 | 8 | - 0.5 | 7.3[b] | 6.1 | 0.0 | 0 | 8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Forbesganj | 33.9 | +0.3 | 36.5 | 01 | 25.4 | +0.8 | 22.8 | 03 | 26.2 | 26.3 | -355.6 | 10.4 | 30 | 4 | - 8.1 | 13.1 | 9.9 | +1.2 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 35.9 | +1.4 | 42.0 | 11 | 25.4 | -0.6 | 22.4 | 14 | 43.6 | 12.0 | -170.4 | 4.2 | 16 | 3 | - 5.5 | 10.8 | 9.5 | +1.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Chapra | 39.3 | .. | 46.6 | 09 | 27.4 | .. | 22.0 | 02 | 22.8 | 189.1 | + 55.1 | 68.4 | 30 | 6 | - 0.9 | 9.3 | 7.1 | .. | 0 | 7 | 0 | 0 | 5 | 1 | 1 | 0 | 0 | 0 |
| Purnea | 34.9 | +1.7 | 38.8 | 08 | 24.0 | -1.4 | 22.2 | 20 | 39.8 | 69.2 | -188.9 | 28.8 | 30 | 6 | - 5.4 | 6.7 | 5.3 | -1.0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 39.3 | +2.6 | 45.4 | 09 | 27.2 | +0.1 | 24.7 | 17 | 41.2 | 199.1 | + 41.1 | 68.8 | 30 | 6 | - 1.7 | 9.3 | 9.0 | 0.0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 39.4 | +2.8 | 46.6 | 09 | 27.2 | +0.4 | 23.9 | 09 | 21.9 | 113.8 | - 50.0 | 77.1 | 30 | 3 | - 4.4 | 12.9 | 10.1 | +1.0 | 0 | 5 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Bhagalpur | 37.6 | +2.3 | 44.0 | 08 | 26.8 | +0.4 | 24.5 | 02 | 43.2 | 61.9 | -145.7 | 17.5 | 28 | 4 | - 4.7 | 11.4 | 9.7 | +1.5 | 0 | 10 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Sabaur | 37.4 | +2.5 | 44.0 | 08 | 26.3 | 0.0 | 24.2 | 20 | 42.1 | 61.9 | -108.5 | 29.0 | 28 | 5 | - 3.4 | 13.0 | 10.6 | +1.5 | 0 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jamui | 35.3 | -1.9 | 37.9 | 05 | 25.8 | -1.5 | 23.3 | 13 | 130.2 | 188.3[a] | .. | .. | .. | .. | .. | 7.5[d] | 6.0[b] | -0.1 | . | .. | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 39.6 | +0.7 | 47.2 | 09 | .. | .. | .. | .. | 18.4 | 109.0 | - 19.5 | 63.4 | 28 | 5 | - 1.4 | 10.4 | 8.7 | +1.5 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 39.5 | +0.9 | 47.9 | 09 | 28.5 | +0.3 | 22.2 | 14 | 48.0 | 167.8 | + 64.4 | 49.8 | 30 | 7 | + 0.9 | 15.4 | 13.1 | +1.0 | 0 | 8 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Bahraich | 38.8 | +1.2 | 47.6 | 09 | 27.7 | +0.7 | 23.5 | 19 | 111.2 | 155.6 | + 0.1 | 41.2 | 27 | 9 | + 3.0 | 12.9 | 9.1 | +0.7 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 37.1 | +1.9 | 44.6 | 11 | 25.0 | -0.9 | 20.0 | 15 | 39.6 | 208.0 | - 26.1 | 60.4 | 19 | 8 | - 1.1 | .. | .. | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 39.0 | -0.5 | 46.8 | 11 | 27.1 | -0.5 | 21.5 | 21 | 34.6 | 232.2 | +107.9 | 100.4 | 29 | 6 | + 1.9 | 11.9 | 8.3 | +0.9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 39.4 | +2.0 | 48.0 | 09 | 27.1 | +0.2 | 22.3 | 18 | 138.2 | 240.6 | + 68.9 | 68.2 | 18 | 6 | - 1.3 | 10.9 | 8.2 | +0.9 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 38.3 | -1.0 | 46.8 | 09 | 27.4 | -0.6 | 22.5 | 19 | 131.0 | 235.4 | +146.5 | 92.2 | 28 | 8 | + 3.3 | .. | .. | .. | 0 | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 39.0 | +0.1 | 47.7 | 09 | 27.9[e] | +0.4 | .. | .. | 156.6 | 234.8 | +159.9 | 86.0 | 28 | 8 | + 4.4 | 15.9 | 11.6 | -0.2 | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Faizabad | 38.9 | +1.7 | 47.4 | 09 | 27.1 | +0.9 | 21.9 | 01 | 54.9 | 123.9 | + 47.0 | 48.2 | 19 | 8 | + 2.6 | 7.0 | 4.3 | -0.9 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 38.6 | +2.2 | 46.1 | 09 | 27.1 | +0.4 | 22.9 | 15 | 32.6 | 181.6 | + 20.8 | 88.0 | 19 | 8 | + 0.4 | 8.1 | 6.5 | -0.3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 39.5 | -0.4 | 47.3 | 09 | 28.4 | -0.3 | 24.5 | 29 | 45.5 | 160.4 | + 90.3 | 62.3 | 30 | 7 | + 3.1 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 39.7 | .. | 47.7 | 09 | 28.0 | .. | 24.5 | 29 | 78.4 | 174.4 | .. | 75.0 | 30 | 7 | .. | .. | .. | .. | 0 | 12 | 0 | 0 | 12 | 0 | 1 | 0 | 0 | 0 |
| Sultanpur | 40.0 | +1.4 | 48.0 | 09 | 27.7 | 0.0 | 23.9 | 19 | 55.2 | 97.2 | + 23.7 | 26.8 | 28 | 7 | + 2.6 | 8.6 | 6.6 | +0.3 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 39.2 | +0.7 | 47.6 | 09 | 24.1 | -3.2 | 19.7 | 15 | 54.0 | .. | .. | .. | .. | .. | .. | 8.3 | 7.1 | .. | . | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Fatehpur | 39.5 | -0.6 | 47.5 | 07 | 27.5 | -1.3 | 23.0 | 19 | 95.9 | 226.5 | +159.1 | 53.8 | 30 | 8 | + 2.5 | 2.3 | 8.7 | +1.7 | 0 | 12 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Ballia | 39.0 | -0.7 | 47.5 | 09 | 24.6 | -2.2 | 19.8 | 19 | 16.2 | 151.6 | + 51.7 | 68.8 | 30 | 4 | 0.0 | 6.8 | 6.7 | -0.1 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Banda | 39.7 | -1.1 | 48.6 | 08 | 28.0 | -1.4 | 22.6 | 19 | 69.9 | 197.7 | +129.7 | 77.4 | 30 | 9 | + 5.1 | 8.3 | 5.5 | +0.8 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 40.3 | +0.5 | 48.4 | 09 | 28.1 | -0.8 | 22.7 | 19 | 138.0 | 305.5 | +209.5 | 86.0 | 29 | 9 | + 4.4 | 8.9 | 6.2 | -3.2 | 0 | 11 | 0 | 0 | 10 | 0 | 2 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 39.6 | +0.7 | 48.0 | 09 | .. | .. | .. | .. | 124.8 | 145.6 | + 44.0 | 81.0 | 17 | 6 | + 1.6 | 16.4 | 13.3 | +1.3 | 0 | 9 | 0 | 0 | 11 | 0 | 3 | 0 | 0 | 0 |
| Varanasi | 40.1 | +1.0 | 47.0 | 09 | 27.8 | -0.5 | 23.7 | 18 | 29.1 | 64.4 | - 24.3 | 30.2 | 29 | 4 | - 1.5 | 4.9 | 3.0 | -6.7 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 26.1 | 0.0 | 32.2 | 12 | 17.9 | +0.7 | 14.7 | 22 | 71.4 | 314.2 | +168.6 | 45.2 | 30 | 14 | + 5.0 | .. | .. | .. | 0 | 18 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 |
| Tehri | 37.1 | 0.0 | 43.8 | 08 | 23.5 | +1.0 | 21.2 | 06 | 29.2 | 200.2 | +149.7 | 44.5 | 30 | 11 | + 7.5 | 6.4 | 4.4 | .. | 0 | 13 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Dehra Dun | 34.9 | -0.4 | 42.6 | 08 | 21.9 | -1.7 | 18.8 | 20 | 183.4 | 963.5 | +779.1 | 161.4 | 27 | 13 | + 4.5 | 5.6 | 3.9 | +0.3 | 0 | 13 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTER PRADESH, WEST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 23.1 | .. | .. | .. | 14.9 | .. | .. | .. | .. | 455.6 | .. | 97.0 | 24 | 14 | .. | .. | .. | .. | 0 | 16 | .. | .. | .. | .. | .. | . | .. | . |
| Roorkee | 38.3 | -0.2 | 46.0 | 09 | 23.6 | -2.3 | 21.8 | 03 | 11.2 | 150.1 | + 52.1 | 38.1 | 25 | 9 | + 4.0 | 9.9 | 8.3 | +1.0 | 0 | 10 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Meerut | 38.3 | -1.2 | 45.0 | 09 | 25.4 | -2.0 | 21.5 | 14 | .. | 169.0 | + 90.8 | 82.0 | 29 | 6 | + 2.2 | . | 8.7 | -0.2 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 38.2 | -0.8 | 46.0 | 09 | 27.4 | -0.1 | 23.8 | 24 | 110.4 | 331.0 | +216.7 | 160.0 | 28 | 8 | + 3.2 | 11.7 | 9.9 | +2.6 | 0 | 8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Aligarh | 38.9 | -1.1 | 45.3 | 09 | 26.6 | -1.8 | 23.4 | 04 | 4.4 | 80.0 | - 5.9 | 32.6 | 26 | 5 | + 1.2 | 9.5 | 10.1 | +0.8 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 39.1 | -1.8 | 47.3 | 07 | 26.4 | -2.2 | 22.2 | 14 | 50.8 | 122.8 | + 66.4 | 36.8 | 29 | 9 | + 5.6 | 3.4 | 9.3 | +3.1 | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Agra | 39.4 | -1.1 | 48.0 | 07 | 27.8 | -1.7 | 24.0 | 29 | 8.6 | 76.8 | + 25.0 | 32.2 | 29 | 6 | + 2.9 | 8.3 | 6.1 | -0.8 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 39.4 | .. | 47.7 | 07 | 27.1 | .. | 22.0 | 29 | 35.9 | 148.2 | .. | 47.2 | 29 | 7 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Orai | 39.8 | -0.6 | 47.7 | 10 | 27.8 | -0.7 | 24.0 | 21 | 38.0 | 82.5 | - 11.9 | 22.0 | 29 | 8 | + 3.3 | .. | .. | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 39.7 | -0.7 | 47.2 | 08 | 27.7 | -1.6 | 23.0 | 18 | 35.2 | 177.7 | + 96.2 | 52.5 | 26 | 7 | + 2.3 | 9.5 | 9.4 | +1.3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 38.5 | -1.7 | 44.8 | 09 | 25.2 | -0.9 | 22.4 | 25 | 39.0 | 133.9 | + 76.1 | 45.6 | 20 | 5 | + 1.6 | .. | .. | .. | 0 | 8 | 0 | 0 | 13 | 0 | 3 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 39.0 | -1.4 | 44.6 | 09 | 24.7 | -0.5 | 20.9 | 03 | 51.7 | 117.6 | + 90.4 | 49.9 | 21 | 6 | + 4.1 | 12.6 | 10.9 | -1.4 | 0 | 9 | 0 | 0 | 8 | 0 | 5 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 39.4 | .. | 45.6 | 09 | 24.4 | .. | 19.4 | 03 | 41.2 | 229.8 | .. | 59.2 | 20 | 9 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 16 | 0 | 1 | 0 | 0 | 0 |
| Ludhiana | 40.5 | -0.6 | 47.6 | 09 | 26.3 | -0.8 | 22.2 | 15 | 20.5 | 129.1 | + 79.8 | 64.6 | 26 | 6 | + 2.7 | 7.7 | 6.2 | +1.3 | 0 | 9 | 0 | 0 | 7 | 0 | 2 | 0 | 0 | 0 |
| Ferozepur | 39.7 | -1.4 | 44.8 | 09 | 25.1 | -1.2 | .. | .. | 52.0 | 78.5 | + 45.0 | 52.0 | 22 | 3 | + 1.3 | 9.5 | 3.7 | +0.5 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 39.2 | .. | 44.7 | 08 | 25.0 | .. | 19.9 | 03 | 5.1 | 81.7 | .. | 26.7 | 14 | 5 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 10 | 0 | 2 | 0 | 0 | 0 |
| Chandigarh | 38.5 | -1.0 | 45.3 | 08 | 24.7 | -1.7 | 19.6 | 15 | 23.3 | 127.0 | + 65.3 | 32.0 | 27 | 8 | + 5.0 | .. | .. | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 39.1 | -1.4 | 44.4 | 13 | 26.4 | -0.9 | 21.4 | 14 | 0.0 | 86.4 | + 13.5 | 22.3 | 24 | 7 | + 2.7 | 9.8 | 6.9 | -1.7 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 39.1 | .. | 45.7 | 09 | 25.9 | .. | 21.4 | 14 | 1.7 | 56.1 | .. | 17.2 | 14 | 5 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 13 | 0 | 1 | 0 | 0 | 0 |
| Patiala | 39.9 | -0.5 | 46.4 | 09 | 26.6 | -0.1 | 22.2 | 14 | 30.0 | 58.0 | + 5.9 | 30.0 | 24 | 4 | + 0.9 | 12.2 | 9.6 | +0.3 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 40.2 | -2.0 | 45.4 | 04ds | 26.6 | -1.2 | 21.9 | 05 | 3.0 | 18.7 | - 19.5 | 9.0 | 19 | 3 | + 0.7 | 8.6 | 7.4 | -0.5 | 0 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Karnal | 38.9 | -0.7 | 45.0 | 09 | 26.1 | -0.5 | 21.0 | 06 | 24.5 | 58.6 | + 5.8 | 16.0 | 26 | 6 | + 3.0 | .. | .. | .. | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 39.3 | -2.0 | 46.3 | 07 | 25.9 | -1.8 | 19.7 | 14 | 44.8 | 187.4 | +155.9 | 59.2 | 14 | 9 | + 6.0 | 11.2 | 9.6 | -0.5 | 0 | 9 | 0 | 0 | 9 | 0 | 1 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 38.1 | -1.8 | 44.7 | 07 | 26.9 | -1.8 | 21.2 | 13 | 11.2 | 162.9 | + 95.3 | 55.5 | 26 | 11 | + 7.3 | 16.6 | 13.8 | -0.8 | 0 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 5 | 0 |
| Palam (Aerodrome) | 41.9 | .. | 45.9 | 07 | 25.5 | .. | 21.2 | 13 | 16.6 | 138.8 | .. | 42.0 | 24 | 9 | .. | .. | .. | .. | 0 | 12 | 0 | 0 | 11 | 0 | 0 | 0 | 7 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 37.4 | +0.9 | 42.5 | 08 | 24.8 | +3.9 | 21.1 | 30 | 10.6 | 374.6 | +266.0 | 80.1 | 30 | 11 | + 4.0 | 1.7 | 1.1 | -2.4 | 1 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 36.3 | -1.9 | 42.5 | 09 | 23.2 | -0.3 | 17.3 | 14 | 107.0 | 328.5 | +265.8 | 70.0 | 13 | 10 | + 4.7 | .. | .. | .. | 0 | 11 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras | (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg | (R) | .. | .. | .. | .. | .. | .. | .. | .. | 2.6p | - 73.9 | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh | 21.6 | +0.5 | 28.1 | 20 | 6.4 | -0.3 | - 0.9 | 06 | 0.0 | 0.0 | - 4.8 | 0.0 | .. | 0 | - 0.7 | 9.5 | 7.7 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 28.9 | -0.1 | 34.9 | 29 | 16.3 | +1.9 | 11.2 | 02 | 0.0 | 9.6 | - 24.7 | 8.2 | 24 | 1 | - 2.4 | 5.2 | 4.5 | +0.4 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 28.1 | .. | 33.7 | 29 | 16.0 | .. | 9.4 | 01 | 0.0 | 1.4 | .. | 1.4 | 25 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | 20.3 | +0.3 | 26.0 | 30 | 7.4 | +0.5 | 2.7 | 02 | .. | .. | .. | .. | .. | .. | .. | 9.3 | 5.4 | -1.2 | . | .. | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Qazigund | 27.6 | .. | 32.2 | 19 | 15.5 | .. | 9.6 | 01 | 1.1 | 11.9 | .. | 10.8 | 25 | 1 | .. | 2.1 | 2.1 | .. | 1 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 28.8 | .. | 32.2 | 18 | 16.8 | .. | 10.6 | 02 | 7.9 | 10.9 | .. | 6.7 | 21 | 2 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 39.1 | -1.3 | 45.6 | 11 | 27.1 | -0.6 | 22.0 | 23 | 38.7 | 137.0 | + 67.7 | 59.0 | 23 | 5 | + 1.3 | 6.0 | 5.4 | .. | 0 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 38.6 | .. | 44.2 | 10 | 26.8 | .. | 22.0 | 25 | 30.2 | 143.7 | .. | 31.7 | 20 | 6 | .. | .. | .. | .. | 0 | 9 | 0 | 0 | 14 | 0 | 1 | 0 | 0 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 41.5 | -0.6 | 47.2 | 08 | 28.1 | +0.1 | 22.8 | 01 | 52.8 | 53.6 | + 32.5 | 52.8 | 21 | 1 | - 0.2 | 8.6 | 6.4 | -4.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | 44.5 | .. | 47.4 | 04ds | 27.3 | .. | 19.1 | 03 | 12.6 | 12.6 | .. | 12.6 | 16 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahajan | 42.1 | .. | 47.5 | 23 | 28.6 | .. | .. | .. | 7.7 | 22.9 | .. | 9.7 | 09 | 3 | .. | 15.0 | 13.6 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Churu | 40.3 | -0.8 | 45.9 | 06 | 28.0 | -0.8 | 24.4 | 16 | 7.4 | 21.2 | - 4.5 | 7.4 | 16 | 5 | + 2.0 | 17.3 | 13.7 | -1.4 | 0 | 6 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Bikaner | 40.3 | -1.4 | 46.2 | 07 | 28.6 | -0.7 | 24.1 | 16 | 0.0 | 23.3 | - 4.6 | 13.8 | 02 | 3 | + 0.8 | 15.3 | 13.6 | +0.3 | 0 | 3 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Nagaur | 39.9 | -0.2 | 46.5 | 06 | 27.8 | -0.3 | 25.4 | 23 | 26.3 | 29.3 | + 15.1 | 27.3 | 17 | 1 | - 0.2 | 16.4 | 13.4 | -3.9 | 0 | 2 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Phalodi | 40.2 | -0.6 | 47.2 | 06 | 27.6 | -0.4 | 25.0 | 23 | 0.0 | 16.0 | - 10.2 | 5.2 | 21 | 4 | + 2.3 | 22.4 | 22.5 | -3.1 | 0 | 4 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 |
| Jaisalmer | 40.1 | -1.3 | 46.5 | 05 | 16.2 | -1.1 | 14.3 | 23 | 0.4 | 0.4 | - 5.8 | 0.4 | 21 | 0 | - 0.7 | 26.4 | 23.7 | -3.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 39.6 | -0.5 | 47.0 | 06 | 28.6 | +0.1 | .. | .. | 21.2 | 29.8 | - 0.9 | 25.6 | 20 | 2 | + 0.2 | 17.0 | 15.2 | -3.3 | 0 | 4 | 0 | 0 | 5 | 0 | 2 | 0 | 2 | 0 |
| Barmer | 40.5 | +0.2 | 48.2 | 06 | 27.5 | +0.2 | 24.6 | 23 | 37.8 | 39.8 | + 18.0 | 39.8 | 23 | 1 | - 0.2 | 13.2 | 13.4 | -0.8 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 38.0 | -0.2 | 45.6 | 05 | 26.9 | -0.4 | 23.2 | 21 | 49.5 | 59.0 | + 8.5 | 38.8 | 21 | 4 | - 0.6 | 10.9 | 8.0 | -4.9 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sikar | 39.7 | -2.5 | 46.0 | 07 | 26.3 | -2.8 | 21.5 | 14 | 5.3 | 40.3 | + 24.9 | 17.6 | 26 | 3 | + 1.4 | 17.0 | 14.0 | -6.3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 38.8 | -0.3 | 44.4 | 08 | 27.1 | -0.4 | 24.2 | 19 | 0.7 | 1.7 | - 39.5 | 0.7 | 19 | 0 | - 3.3 | 19.6 | 10.9 | -0.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 39.5 | -1.4 | 46.0 | 07 | 29.3 | -1.2 | 24.7 | 14 | 72.2 | 81.7 | + 46.8 | 43.0 | 16 | 4 | + 0.7 | 4.9 | 3.7 | -5.3 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 38.3 | -0.9 | 45.2 | 08 | 26.6 | -0.7 | 21.0 | 15 | 27.5 | 120.1 | + 68.5 | 57.0 | 18 | 4 | + 0.3 | .. | .. | .. | 0 | 5 | 0 | 0 | 10 | 0 | 1 | 0 | 1 | 0 |
| Dholpur | 39.5 | -2.1 | 48.1 | 07 | 26.8 | -3.6 | 23.4 | 19 | 85.3 | 173.2 | +127.9 | 72.4 | 16 | 7 | + 4.2 | 11.6 | 8.1 | -1.6 | 0 | 9 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 0 |
| Ajmer | 37.8 | -0.3 | 45.1 | 06 | 27.1 | -0.6 | 20.2 | 15 | 24.6 | 87.2 | + 27.8 | 36.4 | 15 | 4 | + 0.7 | 15.7 | 14.2 | -0.4 | 0 | 7 | 0 | 0 | 6 | 0 | 1 | 0 | 0 | 0 |
| Tonk | 37.8 | -3.1 | 46.1 | 08 | 26.9 | -2.0 | 22.5 | 17 | 129.0 | 154.6 | +131.2 | 56.0 | 20 | 7 | + 5.4 | 12.6 | 9.7 | -2.9 | 0 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 38.6 | .. | 45.4 | 08 | 25.6 | .. | 10.8 | 02 | 9.4 | 33.4 | .. | 18.0 | 17 | 3 | .. | 15.0 | 11.8 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 39.1 | -1.2 | 46.8 | 07 | 29.1 | -0.4 | 21.4 | 15 | 80.6 | 107.0 | + 36.4 | 60.0 | 20 | 4 | - 0.1 | 12.0 | 11.0 | +1.9 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 38.9 | .. | 46.6 | 08 | 28.2 | .. | 22.4 | 20 | 100.8 | 138.9 | .. | 81.2 | 20 | 5 | .. | 18.5 | 16.0 | .. | 1 | 8 | 0 | 0 | 6 | 0 | 2 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 38.2 | -1.2 | 45.6 | 07 | 27.5 | +0.5 | 21.0 | 15 | 37.4 | 57.4 | - 15.7 | 22.2 | 23 | 4 | - 1.4 | 16.3 | 13.9 | +1.4 | 1 | 5 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 36.3 | +0.4 | 43.0 | 06 | 25.2 | -0.1 | 22.6 | 24 | 47.0 | 51.9 | - 26.6 | 32.6 | 22 | 3 | - 1.4 | 8.0 | 6.2 | -1.2 | 1 | 5 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 38.7 | -0.4 | 46.0 | 07 | 25.0 | -2.5 | 19.0 | 15 | 44.2 | 53.2 | - 66.4 | 18.4 | 17 | 5 | - 1.3 | 15.7 | 13.7 | +2.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 37.1 | .. | 44.1 | 05 | 25.9 | .. | 23.0 | 22 | 0.0 | 115.0 | .. | 41.9 | 20 | 7 | .. | 12.2 | 12.5 | .. | 1 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 39.3 | -1.5 | 47.4 | 08 | 27.8 | -2.4 | 22.1 | 13 | 74.6 | 130.8 | + 80.2 | 30.7 | 27 | 7 | + 3.3 | 15.4 | 11.2 | +1.4 | 0 | 10 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 38.8 | -1.6 | 46.8 | 07 | 27.3 | -1.3 | 23.0 | 16 | 92.6 | 180.2 | +109.6 | 51.0 | 20 | 8 | + 3.7 | 13.3 | 11.0 | +0.8 | 0 | 10 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 37.9 | .. | 45.4 | 08 | 24.4 | .. | 21.2 | 20 | 20.1 | 28.9 | .. | 12.4 | 20 | 4 | .. | 15.7 | 12.6 | .. | 1 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 38.7 | -1.3 | 47.5 | 08 | 26.5 | -1.8 | 23.1 | 26 | 262.8 | 330.4 | +238.5 | 76.8 | 26 | 12 | + 6.7 | 10.5 | 7.2 | -1.0 | 0 | 14 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Guna | 38.0 | -0.5 | 46.3 | 08 | 25.7 | -0.9 | 21.7 | 15 | 55.2 | 88.6 | - 56.7 | 40.8 | 19 | 6 | - 1.0 | 19.8 | 14.4 | +1.4 | 0 | 9 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 36.8 | -0.1 | 43.4 | 08 | 26.2 | +0.3 | 23.4 | 23 | 31.7 | 45.4 | - 52.6 | 24.2 | 21 | 3 | - 1.4 | 19.8 | 18.1 | +1.5 | 2 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 37.7 | -1.8 | 46.7 | 08 | 27.3 | 0.0 | 23.2 | 20 | 36.2 | 70.6 | - 37.3 | 19.0 | 18 | 5 | + 0.7 | 18.1 | 15.7 | -0.6 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 38.4 | +1.5 | 45.5 | 09 | 21.3 | -4.4 | 13.1 | 20 | 52.2 | 99.8 | - 27.2 | 43.0 | 27 | 4 | - 3.4 | 12.6 | 12.5 | +1.5 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 36.7 | +0.5 | 43.6 | 06 | 24.6 | -0.7 | 21.2 | 17 | 2.3 | 102.8 | + 7.3 | 74.3 | 17 | 3 | - 1.7 | 18.4 | 16.6 | +3.3 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 37.2 | +0.3 | 45.1 | 08 | 25.5 | +0.1 | 21.6 | 21 | 57.8 | 125.0 | - 23.3 | 43.4 | 21 | 7 | - 1.1 | 23.1 | 19.3 | +6.2 | 0 | 9 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 36.9 | .. | 44.7 | 07 | 24.8 | .. | 21.6 | 11 | 29.0 | 71.6 | .. | 26.6 | 11 | 5 | .. | 22.4 | 20.3 | .. | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 38.5 | .. | 46.6 | 08 | 25.1 | .. | 22.0 | 15 | 26.6 | 66.4 | .. | 22.2 | 20 | 8 | .. | 12.0 | 8.8 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 38.9 | +1.3 | 46.3 | 08 | 27.1 | +0.5 | 23.6 | 21 | 56.9 | 95.8 | - 47.5 | 26.8 | 21 | 6 | - 1.7 | 11.0 | 9.2 | +2.4 | 0 | 10 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Indore | 36.9 | +1.2 | 44.0 | 05 | 24.8 | +0.4 | 21.5 | 11 | 7.4 | 72.0 | - 61.6 | 28.0 | 12 | 3 | - 3.9 | 27.2 | 25.0 | -2.0 | 1 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 |
| Rajpur (Jhabua) | 36.0 | 0.0 | 42.2 | 03 | .. | .. | .. | .. | 4.4 | 52.0 | - 63.7 | 25.8 | 22 | 5 | + 0.5 | .. | .. | .. | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 35.9 | +0.7 | 42.3 | 07 | 24.9 | 0.0 | 21.0 | 21 | 9.2 | 47.8 | -100.8 | 18.0 | 21 | 6 | - 3.7 | 12.2 | 8.1 | -1.4 | 1 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 35.8 | +0.3 | 43.4 | 08 | 24.4 | 0.0 | 21.5 | 15 | 155.0 | 268.0 | + 51.6 | 50.0 | 14 | 13 | + 2.0 | 11.4 | 7.8 | +0.1 | 1 | 22 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Betul | 36.6 | +1.6 | 42.8 | 08 | 24.5 | +0.1 | 22.0 | 21 | 0.8 | 32.8 | -102.2 | 16.8 | 21 | 3 | - 5.2 | 11.1 | 8.5 | 0.0 | 0 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 38.8 | +1.3 | 45.2 | 07 | 27.3 | +1.1 | 24.0 | 23 | 6.2 | 9.2 | -126.2 | 5.8 | 14 | 2 | - 4.5 | 20.9 | 18.7 | +2.9 | 0 | 2 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 38.0 | -1.1 | 47.7 | 10 | 26.9 | -1.1 | 21.9 | 14 | 82.6 | 254.4 | +139.6 | 53.7 | 26 | 11 | + 5.1 | 12.0 | 9.2 | 0.0 | 0 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 38.3 | .. | 46.6 | 09 | 25.7 | .. | 21.2 | 19 | 131.7 | 306.9 | .. | 90.4 | 18 | 10 | .. | 9.8 | 7.0 | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 39.0 | -0.8 | 47.4 | 09 | 27.5 | -0.4 | 22.6 | 19 | 48.6 | 198.8 | +141.4 | 47.2 | 25 | 11 | + 6.4 | 10.8 | 7.8 | -1.3 | 0 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 36.7 | -0.9 | 45.6 | 09 | 26.3 | -0.5 | 22.6 | 29 | 97.7 | 258.2 | + 94.8 | 49.0 | 25 | 14 | + 5.1 | 10.5 | 7.7 | +0.8 | 0 | 14 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 37.1 | -0.5 | 45.9 | 08 | 26.3 | -0.1 | 23.1 | 27 | 51.2 | 126.2 | - 30.8 | 25.3 | 27 | 11 | + 2.7 | 10.6 | 7.1 | -1.5 | 0 | 15 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 35.7 | -0.1 | 43.1 | 10 | 24.8 | -0.3 | 21.7 | 19 | 111.2 | 292.9 | +149.9 | 56.0 | 26 | 15 | + 5.4 | 13.3 | 10.2 | +0.1 | 0 | 18 | 0 | 0 | 14 | 0 | 1 | 0 | 0 | 0 |
| Jashpurnagar | 37.7 | .. | 40.4 | 11 | 22.9 | .. | 19.8 | 14 | 154.0 | 348.0 | .. | 48.0 | 25 | 18 | .. | 11.1 | 8.7 | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 34.7 | +1.1 | 43.0 | 09 | 25.2 | +0.2 | 20.9 | 20 | 180.4 | 354.4 | +147.1 | 49.9 | 28 | 14 | + 2.6 | 12.0 | 10.8 | +1.3 | 1 | 18 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 36.0 | -1.5 | 45.0 | 09 | 24.7 | -0.6 | 21.0 | 16 | 125.0 | 180.6 | + 48.9 | 29.0 | 26 | 13 | + 4.3 | 8.0 | 5.1 | -1.3 | 0 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Champa | 36.8 | -2.1 | 45.8 | 10 | 26.7 | -1.1 | 23.3 | 21 | 156.4 | 475.0 | +318.9 | 154.6 | 25 | 13 | + 4.4 | 13.0 | 9.4 | +1.3 | 0 | 17 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 36.9 | -1.7 | 46.0 | 10 | 26.4 | -1.3 | 23.2 | 26 | 139.2 | 369.9 | +202.2 | 73.4 | 30 | 14 | + 5.5 | 10.3 | 7.6 | +0.3 | 0 | 16 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 36.3 | -1.2 | 43.8 | 01 | 26.2 | -0.6 | 21.6 | 13 | 182.2 | 267.3 | + 47.8 | 56.0 | 25 | 11 | + 1.6 | 13.8 | 11.9 | -0.2 | 0 | 15 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 34.7 | -0.7 | 42.4 | 01 | 26.4 | +0.4 | 21.4 | 22 | 73.6 | 233.8 | + 21.7 | 66.2 | 22 | 11 | + 1.5 | 14.7 | 10.6 | +0.9 | 0 | 13 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 33.0 | -0.5 | 42.7 | 01 | 24.5 | +0.6 | 21.3 | 21 | 93.2 | 177.2 | - 55.5 | 56.5 | 15 | 12 | + 0.5 | .. | .. | .. | 0 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 2 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 38.4 | -0.5 | 45.4 | 05 | 26.7 | -0.5 | 24.7 | 23 | 8.2 | 29.7 | - 18.3 | 15.3 | 23 | 2 | - 0.5 | 15.6 | 13.6 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Idar | 36.7 | -1.1 | 44.1 | 05 | 26.4 | +0.4 | 24.0 | 20 | 8.2 | 154.2 | + 63.5 | 85.2 | 20 | 5 | + 0.9 | 11.1 | 9.8 | -1.6 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 38.7 | +0.7 | 44.6 | 04 | 27.0 | -0.4 | 25.2 | 27 | 51.5 | 61.5 | - 23.8 | 34.2 | 25 | 5 | + 0.7 | 10.3 | 9.4 | -1.4 | 2 | 9 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 0 |
| Dohad | 36.4 | +0.5 | 43.0 | 04 | 25.4 | -0.2 | 23.3 | 26 | 17.6 | 33.2 | - 75.0 | 8.6 | 13 | 5 | + 0.2 | 28.2 | 28.3 | -1.3 | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 37.5 | .. | 44.7 | 05 | 26.6 | .. | 23.4 | 21 | 67.7 | 190.5 | .. | 120.2 | 21 | 6 | .. | 13.3 | 11.7 | .. | 0 | 9 | 0 | 0 | 2 | 0 | 8 | 0 | 0 | 0 |
| Baroda Aerodrome | 36.7 | 0.0 | 44.0 | 04 | 26.8 | -0.2 | 24.0 | 21 | 53.2 | 172.2 | + 79.9 | 75.0 | 22 | 6 | + 1.8 | 16.3 | 16.4 | +0.8 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 37.0 | -0.2 | 45.2 | 04 | 27.2 | +0.1 | 24.2 | 21 | 61.5 | 196.7 | + 97.4 | 92.4 | 22 | 8 | + 3.7 | 14.2 | 13.5 | +3.7 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Broach | 34.4 | -1.0 | 39.9 | 02 | 26.6 | -0.3 | 23.0 | 22 | 80.4 | 118.9 | - 35.3 | 35.0 | 22 | 8 | + 0.6 | 16.5 | 13.8 | +1.7 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 33.7 | 0.0 | 39.0 | 03 | 25.5 | -1.6 | 22.9 | 21 | 56.0 | 225.2 | + 28.6 | 105.4 | 22 | 12 | + 4.6 | 17.6 | 15.1 | +2.9 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 33.3 | -0.3 | 34.6 | 11 | 26.7 | -0.3 | 22.0 | 23 | 7.2 | 54.2 | + 2.5 | 47.0 | 23 | 3 | + 0.7 | 27.0 | 22.1 | -1.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 36.8 | +0.1 | 41.7 | 07 | 26.5 | -0.9 | 23.9 | 23 | 32.2 | 58.6 | + 31.7 | 51.3 | 23 | 2 | + 0.5 | 25.4 | 22.0 | +1.0 | 1 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 37.0 | .. | 43.7 | 04 | .. | .. | .. | .. | 55.4 | 90.0 | .. | 37.0 | 22 | 5 | .. | 35.5 | 29.2 | .. | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 34.3 | -0.5 | 37.8 | 04 | 27.0 | -0.6 | 23.9 | 23 | 6.0 | 63.2 | + 5.5 | 31.2 | 11 | 5 | + 2.0 | 31.9 | 29.1 | -1.5 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 32.1 | -0.9 | 33.1 | 14 | 27.5 | -0.9 | 24.4 | 23 | 48.0 | 78.5 | + 51.3 | 32.5 | 25 | 5 | + 3.5 | 31.3 | 31.0 | -1.8 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 38.4 | -0.7 | 43.6 | 04 | 26.6 | -0.6 | 25.1 | 23 | .. | 20.6 | - 33.3 | 10.6 | 22 | 3 | - 0.7 | 18.2 | 18.7 | -1.5 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Okha | 31.8 | .. | 32.8 | 19 | 26.8 | .. | 23.9 | 23 | 6.8 | 82.4 | .. | 69.2 | 23 | 3 | .. | 27.8 | 25.0 | .. | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 34.9 | -1.0 | 37.5 | 15 | 26.2 | -0.9 | 24.3 | 23 | 43.8 | 59.8 | - 1.4 | 25.0 | 23 | 5 | + 2.2 | .. | .. | .. | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 31.4 | -0.5 | 32.7 | 21 | 27.5 | -0.7 | 25.6 | 24 | 17.2 | 37.4 | - 6.8 | 16.8 | 23 | 3 | + 0.9 | 22.4 | 23.1 | -0.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 36.7 | -1.1 | 42.2 | 08 | 25.7 | -0.5 | 23.1 | 11 | 87.4 | 97.4 | + 4.4 | 52.0 | 11 | 5 | - 0.3 | 33.8 | 30.2 | +2.1 | 1 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 37.5 | -0.1 | 43.1 | 07 | 27.2 | +0.1 | 25.2 | 23 | 78.0 | 100.8 | + 28.3 | 34.6 | 23 | 7 | + 1.4 | 31.6 | 28.3 | +3.0 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 |
| Porbander Aerodrome | 32.0 | -0.1 | 33.6 | 03 | 27.1 | -0.9 | 25.1 | 22 | 35.1 | 106.8 | + 22.4 | 42.8 | 23 | 7 | + 2.8 | 24.0 | 20.6 | .. | 1 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 34.1 | -0.2 | 38.4 | 03 | 26.3 | -0.1 | 24.2 | 23 | 85.8 | 153.9 | + 33.0 | 55.8 | 24 | 7 | + 0.2 | 32.8 | 27.2 | +1.4 | 1 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 33.4 | .. | 38.5 | 04 | 25.9 | .. | 22.6 | 02 | 23.6 | 53.7 | - 86.0 | 14.1 | 23 | 8 | + 2.9 | 17.6 | 18.2 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 31.4 | +0.1 | 32.8 | 02 | 26.5 | -1.1 | 24.0 | 23 | 197.3 | 287.0 | +173.2 | 156.7 | 23 | 7 | + 3.4 | 29.5 | 30.4 | +7.9 | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 30.8 | -1.3 | 33.2 | 03 | 26.2 | -0.2 | 23.8 | 14 | 19.5 | 256.3 | -213.1 | 43.2 | 19 | 11 | - 1.0 | 25.1 | 19.9 | +1.5 | 3 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 31.9 | +0.2 | 34.0 | 08 | 26.0 | +0.1 | 22.2 | 20 | 38.6 | 192.7 | -398.4 | 32.7 | 08 | 15 | + 0.2 | 23.7 | 19.2 | +4.1 | 1 | 21 | 0 | 0 | 7 | 0 | 0 | 0 | 6 | 0 |
| Bombay | 32.0 | +0.1 | 33.8 | 07 | 26.4 | +0.1 | 23.8 | 15 | 162.5 | 342.0 | -122.8 | 79.7 | 15 | 16 | + 1.8 | 14.4 | 13.2 | +0.4 | 2 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 9 | 0 |
| Alibag | 31.1 | +0.3 | 33.5 | 09 | 26.3 | +0.3 | 23.6 | 15 | .. | 330.2 | -180.9 | 113.2 | 13 | 16 | + 0.8 | . | 25.4 | +5.3 | 1 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 33.3 | .. | 39.0 | 08 | 25.3 | .. | 23.1 | 15 | 174.6 | 454.2 | .. | 117.8 | 19 | 20 | .. | 5.4 | 3.8 | .. | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 30.0 | +0.2 | 31.2 | 10 | 26.1 | +0.4 | 23.1 | 15 | 62.9 | 228.4 | -448.6 | 40.0 | 24 | 17 | - 1.6 | 18.2 | 16.8 | +0.7 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 31.2 | +0.7 | 33.2 | 07 | 26.4 | +1.2 | 22.6 | 15 | 109.9 | 382.0 | -387.9 | 95.4 | 15 | 15 | - 5.4 | 19.1 | 16.5 | .. | 2 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 30.0 | -0.3 | 33.4 | 01 | 25.3 | 0.0 | 23.0 | 17 | 170.0 | 405.2 | -255.0 | 72.4 | 29 | 17 | - 3.0 | 21.0 | 19.6 | -1.5 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 30.5 | +0.3 | 32.4 | 03 | 24.6 | +0.1 | 22.4 | 16 | 120.3 | 565.1 | -368.3 | 75.4 | 14 | 22 | + 0.2 | 12.4 | 9.0 | .. | 0 | 26 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 30.8 | .. | 32.8 | 02 | 24.8 | .. | 23.2 | 26 | 180.4 | 582.5 | .. | 78.3 | 17 | 26 | .. | 15.6 | 12.7 | .. | 0 | 27 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 |
| Mormugao | 30.0 | +0.6 | 32.1 | 04 | 24.7 | 0.0 | 22.8 | 17 | 164.5 | 504.3 | -290.4 | 71.6 | 14 | 21 | - 0.7 | 19.6 | 18.0 | -1.0 | 2 | 27 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 30.6 | .. | 33.0 | 02 | 25.1 | .. | 23.0 | 04 | 131.1 | 447.1 | .. | 60.3 | 14 | 23 | .. | 13.1 | 10.8 | .. | 0 | 27 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 36.1 | -0.4 | 43.4 | 04 | 24.7 | -1.2 | 22.3 | 22 | 18.2 | 48.2 | - 39.8 | 17.5 | 22 | 5 | - 0.8 | 18.0 | 14.4 | -0.5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 39.5 | +1.4 | 45.9 | 03 | 25.8 | -0.2 | 20.5 | 05 | 22.5 | 28.9 | -100.6 | 19.2 | 05 | 3 | - 4.0 | 25.2 | 22.3 | +1.4 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Malegaon | 36.6 | +0.5 | 42.8 | 03 | 24.3 | +0.1 | 21.6 | 11 | 46.0 | 66.0 | - 44.5 | 27.8 | 11 | 4 | - 2.2 | 19.3 | 15.7 | +2.5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 33.9 | .. | 39.5 | 04 | 22.3 | .. | 20.6 | 01 | D.N. | 9.0g | .. | .. | .. | .. | .. | . | 23.2 | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 35.0 | +1.3 | 42.0 | 03 | 22.8 | +0.3 | 20.9 | 05 | 4.6 | 48.0 | - 80.3 | 22.6 | 06 | 4 | - 3.2 | 16.1 | 11.8 | +1.6 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 350.6 | -469.9 | 63.0 | 29 | 20 | + 1.5 | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 33.4 | .. | 38.6 | 04 | 22.7 | .. | 20.8 | 05 | 0.3 | 18.5 | .. | 18.2 | 08 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Poona | 33.3 | +1.4 | 38.0 | 08 | 23.3 | +0.4 | 21.5 | 05 | 3.7 | 13.9 | - 93.5 | 7.6 | 08 | 1 | - 6.0 | 17.8 | 13.5 | .. | 2 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 35.5 | +0.6 | 40.7 | 04 | 22.5 | -0.4 | 21.0 | 28 | 4.4 | 81.9 | - 6.9 | 25.8 | 08 | 3 | - 2.7 | 21.5 | 17.0 | -0.3 | 0 | 9 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 34.8 | +1.0 | .. | .. | 22.8 | -0.1 | 20.9 | 08 | 8.4 | 61.8 | - 25.9 | 31.0 | 08 | 4 | - 1.6 | 19.3 | 15.4 | -0.9 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 36.3 | +1.3 | 42.2 | 04 | 23.4 | -0.1 | 20.3 | 17 | 13.3 | 87.9 | - 25.6 | 46.6 | 17 | 5 | - 1.8 | 15.0 | 12.8 | +0.3 | 0 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 31.7 | +0.1 | 37.4 | 02 | 21.8 | -0.5 | 20.3 | 07 | 3.2 | 68.8 | - 1.6 | 36.2 | 07 | 5 | - 0.8 | .. | .. | .. | 0 | 8 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 30.4 | +0.4 | 36.1 | 02 | 21.8 | -0.2 | 20.2 | 05 | 26.0 | 106.3 | - 7.2 | 29.5 | 07 | 10 | + 2.2 | 21.9 | 16.6 | -1.0 | 0 | 22 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 35.4 | +0.7 | 41.6 | 04 | 23.0 | -0.2 | 20.8 | 12 | 39.1 | 100.5 | - 33.6 | 31.0 | 10 | 6 | - 1.7 | 20.7 | 18.2 | -1.0 | 1 | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 35.6 | +0.9 | 41.1 | 04 | 23.3 | +0.3 | 21.2 | 10 | 31.2 | 83.1 | - 67.1 | 43.6 | 10 | 6 | - 2.8 | 22.6 | 18.8 | -1.1 | 0 | 8 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 38.5 | +1.6 | 43.9 | 04 | 24.8 | +0.1 | 23.0 | 15 | 10.2 | 63.8 | - 90.1 | 22.0 | 08 | 5 | - 3.1 | 17.8 | 14.7 | -1.1 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nander | 39.2 | .. | 44.2 | 03 | 25.4 | .. | 20.0 | 18 | 8.6 | 31.2 | .. | 9.4 | 22 | 4 | .. | 15.4 | 12.5 | .. | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bir | 37.1 | .. | 43.4 | 04 | 24.4 | .. | 22.0 | 10 | 2.4 | 13.4 | .. | 8.2 | 08 | 2 | .. | 16.0 | 13.0 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 37.2 | -0.9 | 44.0 | 10 | 27.1 | -0.3 | 22.6 | 21 | 70.1 | 145.7 | - 16.5 | 36.6 | 21 | 9 | + 0.5 | 6.6 | 4.9 | -2.1 | 0 | 12 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 39.0 | +0.6 | 44.6 | 08 | 27.0 | +0.1 | 23.0 | 15 | 17.0 | 49.8 | -172.2 | 15.2 | 21 | 5 | - 4.9 | 18.0 | 14.4 | -0.5 | 0 | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 3 | 0 |
| Amraoti | 39.1 | +2.1 | 44.4 | 07 | 27.3 | +1.6 | 23.5 | 20 | 0.0 | 10.5 | -144.7 | 5.4 | 20 | 2 | - 6.3 | 21.9 | 18.1 | +2.5 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 39.6 | .. | 44.8 | 03 | 24.8 | .. | 21.8 | 22 | 0.4 | 10.8 | .. | 6.0 | 22 | 2 | .. | 17.1 | 15.3 | .. | 0 | 3 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Akola | 39.2 | +1.8 | 44.4 | 03 | 27.4 | +1.2 | 20.9 | 23 | 2.4 | 6.6 | -129.0 | 3.6 | 29 | 2 | - 5.9 | 16.6 | 15.3 | +0.6 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 37.9 | -0.1 | 44.0 | 03 | 26.4 | 0.0 | 22.4 | 22 | 13.3 | 119.0 | - 16.5 | 63.6 | 22 | 7 | - 1.7 | 11.4 | 9.2 | +0.3 | 0 | 11 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 34.3 | +0.4 | 40.9 | 07 | 23.1 | -0.4 | 21.4 | 21 | 56.3 | 103.5 | - 55.9 | 29.2 | 20 | 6 | - 2.8 | 15.2 | 13.1 | -1.7 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 38.6 | +1.7 | 43.4 | 03 | 25.5 | +0.1 | 21.0 | 15 | 0.4 | 70.9 | -114.2 | 37.0 | 21 | 4 | - 5.2 | 21.8 | 19.3 | +0.3 | 0 | 9 | 0 | 0 | 9 | 0 | 2 | 0 | 0 | 0 |
| Chanda | 38.7 | +1.0 | 43.6 | 03 | 28.0 | +1.1 | 22.7 | 15 | 19.0 | 72.8 | -121.8 | 25.4 | 21 | 6 | - 3.6 | 15.9 | 11.1 | +1.1 | 0 | 10 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 40.1 | .. | 44.0 | 05 | 25.1 | .. | 22.6 | 21 | 0.0 | 59.6 | .. | 31.4 | 29 | 4 | .. | 15.1 | 12.3 | .. | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 38.2 | +0.3 | 44.8 | 01 | 27.6 | -0.1 | 21.6 | 15 | 60.3 | 109.5 | - 95.0 | 54.4 | 15 | 5 | - 3.7 | 11.4 | 7.9 | +0.9 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 39.2 | .. | 45.5 | 03 | 27.5 | .. | 23.4 | 21 | 3.2 | 69.5 | .. | 48.3 | 21 | 5 | .. | 15.2 | 12.3 | .. | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bhandara | 38.0 | .. | 43.8 | 10 | 27.1 | .. | 22.0 | 21 | 24.2 | 161.3 | .. | 108.2 | 21 | 5 | .. | 13.2 | 10.8 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgarh | 38.1 | .. | 46.4 | 01 | 27.0 | .. | 22.0 | 06 | 100.3 | 194.1 | .. | 41.3 | 06 | 14 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 37.3 | .. | 47.0 | 10 | 27.9 | .. | 24.6 | 23 | 26.5 | 135.5 | .. | 32.3 | 23 | 9 | .. | 14.9 | 13.3 | .. | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 37.5 | .. | 46.0 | 09 | 26.5 | .. | 21.4 | 14 | 91.2 | 174.8 | .. | 56.2 | 30 | 8 | .. | 18.0 | 14.4 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 34.1 | .. | 42.8 | 01 | 23.0 | .. | 20.7 | 14 | .. | 415.5 | .. | 81.0 | 25 | 17 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 10 | 0 | 0 | 0 | 2 | 0 |
| Hirakud | 36.1 | .. | 44.5 | 10 | 26.6 | .. | 23.2 | 15 | 50.7 | 380.4 | .. | 105.0 | 25 | 17 | .. | 8.3 | 6.9 | .. | 0 | 19 | 0 | 0 | 14 | 0 | 0 | 0 | 2 | 0 |
| Bhimkund | 34.2 | .. | 43.0 | 10 | 24.6 | .. | 20.2 | 02 | 90.9 | 250.6 | .. | 85.0 | 29 | 10 | .. | 4.8 | 2.5 | .. | 0 | 17 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| Sonepur | 36.1 | .. | 43.6 | 01 | 27.5 | .. | 21.6 | 20 | .. | 340.4 | .. | 73.8 | 26 | 10 | .. | . | 8.6 | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 34.9 | .. | 43.7 | 01 | 25.8 | .. | 21.6 | 22 | .. | 196.7 | .. | 29.0 | 25 | 12 | .. | 15.0[c] | 10.4[d] | .. | 0 | 15 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 38.6 | .. | 45.8 | 08 | 25.5 | .. | 21.6 | 20 | 5.2 | 42.1 | .. | 11.2 | 22 | 4 | .. | 16.1 | 11.5 | .. | 4 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 39.6 | .. | 48.2 | 06 | 27.3 | .. | 23.1 | 25 | 6.4 | 26.4 | .. | 14.2 | 22 | 3 | .. | 19.0 | 18.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 39.8 | .. | 46.5 | 03 | .. | .. | .. | .. | .. | 95.9 | .. | 84.8 | 11 | 2 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 37.2 | .. | 43.4 | 03 | 23.5 | .. | 21.2 | 20 | 5.0 | 137.0 | .. | 38.0 | 23 | 7 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 25.6 | .. | 28.1 | 10 | 12.6 | .. | 9.5 | 03 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 30.2 | .. | 33.8 | 11 | 21.3 | .. | 19.3 | 02 | 106.8 | 584.4 | .. | 79.0 | 13 | 18 | .. | .. | .. | .. | 0 | 21 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 28.1 | .. | 32.7 | 10 | 19.6 | .. | 15.3 | 02 | 8.8 | 82.3 | .. | 24.0 | 27 | 8 | .. | .. | .. | .. | 0 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 29.6[b] | .. | 33.0 | 12 | 21.3 | .. | 17.6 | 02 | 153.5 | 479.4 | .. | 88.2 | 23 | 20 | .. | 2.6 | 2.2 | .. | 0 | 23 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 29.6 | .. | 34.2 | 11 | 21.0 | .. | 18.3 | 04 | 53.5 | 222.0 | .. | 54.6 | 15 | 16 | .. | .. | .. | .. | 0 | 16 | 0 | 0 | 14 | 8 | 0 | 0 | 0 | 0 |
| Nuwakot | 31.6 | .. | 37.0 | 11 | 21.7 | .. | 17.7 | 19 | 49.6 | 189.1 | .. | 46.2 | 26 | 12 | .. | .. | .. | .. | 1 | 17 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 30.5 | .. | 36.4 | 11 | 19.7 | .. | 15.4 | 04 | 58.6 | 158.6 | .. | 26.0 | 26 | 12 | .. | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | Temporarily closed from 28.5.1966 | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 29.2 | .. | 35.6 | 10 | 20.3 | .. | 14.9 | 15 | 24.3 | 183.5 | .. | 81.0 | 18 | 9 | .. | .. | .. | .. | 0 | 14 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 36.6 | .. | 44.4 | 12 | 26.8 | .. | 22.7 | 15 | 65.0 | 406.6 | .. | 144.0 | 25 | 12 | .. | .. | .. | .. | 0 | 13 | .. | .. | .. | .. | .. | . | .. | . |
| BAGMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | See under Nepal | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 27.5[e] | .. | 29.9 | 02 | 18.4[d] | .. | 16.7 | 04 | 92.7 | 280.8 | .. | 42.4 | 17 | 15 | .. | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 16.1[b] | .. | 17.5 | 12 | 8.5 | .. | 6.5 | 16 | 30.2 | 190.8 | .. | 23.1 | 16 | 20 | .. | .. | .. | .. | 0 | 23 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 28.7 | .. | 31.1 | 11 | 18.4 | .. | 16.8 | 19 | 31.4 | 293.6 | .. | 33.6 | 13 | 24 | .. | .. | .. | .. | 0 | 28 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 24.1 | .. | 25.7 | 30 | 18.2 | .. | 16.8 | 19 | 27.0 | 105.3 | .. | 28.9 | 15 | 8 | .. | .. | .. | .. | 0 | 12 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 24.6 | .. | 25.9 | 11 | 17.1 | .. | 15.0 | 04 | 44.6 | 320.1 | .. | 34.4 | 12 | 19 | .. | .. | .. | .. | 2 | 28 | 0 | 0 | 9 | 5 | 0 | 0 | 0 | 0 |
| Okhaldhunga | 25.3[e] | .. | 0.0 | 00 | 17.2 | .. | 14.5 | 20 | 102.7 | 298.9 | .. | 54.8 | 19 | 16 | .. | 5.2 | 4.9 | .. | 0 | 18 | 0 | 0 | 11 | 9 | 0 | 0 | 0 | 0 |
| Chainpur | 29.1 | .. | 31.3 | 11 | 20.1[b] | .. | 18.0 | 02 | 22.6 | 137.7 | .. | 36.4 | 19 | 12 | .. | .. | .. | .. | 0 | 13 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 29.7 | .. | 32.4 | 10 | .. | .. | .. | .. | 133.3 | 333.2 | .. | 54.3 | 19 | 13 | .. | .. | .. | .. | 0 | 17 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 33.8 | .. | 36.9 | 01 | 24.8 | .. | 22.6 | 03 | 37.0 | 219.4 | .. | 107.6 | 06 | 9 | .. | 7.7 | 4.8 | .. | 2 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 23.4 | .. | 27.2 | 19 | 16.2 | .. | 14.9 | 04 | 205.4 | 920.4 | .. | 157.8 | 10 | 27 | .. | 1.4 | 1.7 | .. | 0 | 29 | 0 | 0 | 2 | 24 | 0 | 0 | 0 | 0 |
| Gezing | 26.3 | .. | 29.0 | 29 | 18.0 | .. | 15.7 | 20 | 2.2 | 234.7 | .. | 35.8 | 03 | 17 | .. | .. | .. | .. | 0 | 20 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1008.7 | 1005.6 | +1.4 | 27.9 | 25.9 | 25.1 | 31.9 | 85 | - 1 | 6.1 | -0.2 | 14.8 | 0 | 10 | 19 | 00 | 0 | 0 | 1 | 0 | 21 | 7 | 0 | 1 | 0 |
| | 1730 | 28 | 1006.6 | 1003.5 | +1.1 | 28.1 | 25.9 | 25.0 | 31.7 | 83 | - 5 | 6.1 | -0.2 | 15.0 | 0 | 10 | 19 | 00 | 0 | 0 | 0 | 0 | 21 | 8 | 0 | 1 | 0 |
| Long Island | 0830 | 25 | 1009.1 | 1006.3 | +2.1 | 28.4 | 26.2 | 25.3 | 32.2 | 84 | - 2 | 6.0 | -0.4 | 2.8 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 3 | 17 | 1 | 0 | 9 | 0 |
| | 1730 | 25 | 1007.2 | 1004.3 | +1.6 | 28.3 | 25.9 | 24.9 | 31.5 | 82 | - 4 | 5.8 | -0.8 | 1.8 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 14 | 1 | 0 | 15 | 0 |
| Port Blair | 0530 | 79 | 1008.4 | 999.4 | .. | 26.0 | 24.7 | 24.1 | 30.0 | 89 | .. | 6.7 | .. | 13.8 | 0 | 6 | 22 | 00 | 0 | 0 | 1 | 11 | 16 | 0 | 0 | 2 | 0 |
| | 0830 | 79 | 1009.5 | 1000.6 | +1.9 | 28.3 | 26.0 | 25.1 | 31.9 | 82 | - 1 | 6.7 | +1.2 | 21.3 | 0 | 15 | 15 | 00 | 0 | 0 | 1 | 11 | 17 | 1 | 0 | 0 | 0 |
| | 1130 | 79 | 1008.4 | 999.5 | .. | 29.1 | 25.9 | 24.5 | 30.7 | 77 | .. | 6.7 | .. | 26.4 | 0 | 24 | 6 | 00 | 0 | 0 | 2 | 10 | 17 | 1 | 0 | 0 | 0 |
| | 1730 | 79 | 1007.5 | 998.6 | +1.9 | 27.7 | 25.3 | 24.2 | 30.2 | 82 | - 6 | 6.9 | -0.5 | 17.5 | 0 | 12 | 18 | 00 | 0 | 0 | 0 | 7 | 23 | 0 | 0 | 0 | 0 |
| | 2330 | 79 | 1009.0 | 1000.1 | .. | 26.5 | 25.0 | 24.3 | 30.4 | 88 | .. | 5.6 | .. | 13.8 | 0 | 7 | 20 | 00 | 0 | 0 | 0 | 7 | 20 | 0 | 0 | 3 | 0 |
| Car Nicobar | 0830 | 10 | 1010.2 | 1009.0 | +1.7 | 28.8 | 26.2 | 25.1 | 31.9 | 81 | - 3 | 5.4 | -1.2 | 1.2 | 0 | 0 | 14 | 00 | 0 | 0 | 1 | 0 | 11 | 1 | 0 | 16 | 1 |
| | 1730 | 10 | 1008.6 | 1007.3 | +2.0 | 27.9 | 25.7 | 24.7 | 31.1 | 83 | - 3 | 5.4 | -1.2 | 0.7 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 8 | 1 | 0 | 21 | 0 |
| Nancowry | 0830 | 26 | 1010.7 | 1007.8 | +1.4 | 28.5 | 26.0 | 24.9 | 31.5 | 82 | - 1 | 5.0 | -1.5 | 5.9 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 22 | 2 | 1 | 5 | 0 |
| | 1730 | 26 | 1008.6 | 1005.8 | +1.4 | 28.0 | 25.6 | 24.6 | 30.9 | 83 | + 0 | 5.7 | -0.8 | 4.2 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 22 | 2 | 0 | 6 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 29.0 | 26.3 | 25.1 | 31.9 | 80 | - 3 | 5.3 | -1.2 | 7.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 0 | 0 |
| | 1730 | 8 | .. | .. | .. | 28.1 | 26.1 | 25.3 | 32.2 | 85 | + 1 | 5.9 | -0.7 | 4.5 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 1 | 13 | 6 | 0 | 10 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1004.4 | 986.7 | +0.8 | 24.7 | 23.7 | 23.2 | 28.4 | 91 | + 8 | 7.5 | +0.6 | 3.3 | 0 | 0 | 22 | 02 | 2 | 4 | 2 | 0 | 0 | 0 | 12 | 9 | 0 |
| | 1730 | 157 | 1001.2 | 983.7 | +1.3 | 26.7 | 24.6 | 23.7 | 29.3 | 85 | + 7 | 6.7 | +1.0 | 2.7 | 0 | 0 | 19 | 00 | 1 | 1 | 2 | 1 | 0 | 1 | 13 | 11 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1002.6 | 990.0 | .. | 24.0 | 23.2 | 22.8 | 27.7 | 93 | .. | 7.3 | .. | 6.8 | 0 | 0 | 26 | 04 | 17 | 1 | 0 | 0 | 4 | 0 | 0 | 4 | 0 |
| | 0530 | 111 | 1003.0 | 990.4 | .. | 23.6 | 23.2 | 23.0 | 28.1 | 96 | .. | 7.8 | .. | 6.0 | 0 | 0 | 27 | 02 | 15 | 4 | 1 | 1 | 3 | 0 | 1 | 3 | 0 |
| | 0830 | 111 | 1004.1 | 991.6 | +1.1 | 24.8 | 23.7 | 23.2 | 28.4 | 91 | + 7 | 7.6 | +0.5 | 7.0 | 0 | 1 | 26 | 01 | 16 | 2 | 2 | 1 | 2 | 1 | 2 | 3 | 0 |
| | 1130 | 111 | 1003.3 | 990.8 | .. | 26.4 | 24.4 | 23.5 | 28.9 | 85 | .. | 7.3 | .. | 8.1 | 0 | 0 | 30 | 00 | 16 | 7 | 0 | 0 | 3 | 3 | 1 | 0 | 0 |
| | 1430 | 111 | 1001.0 | 988.6 | .. | 27.5 | 24.7 | 23.4 | 28.8 | 80 | .. | 7.0 | .. | 7.7 | 0 | 0 | 30 | 02 | 19 | 2 | 1 | 1 | 3 | 1 | 1 | 0 | 0 |
| | 1730 | 111 | 1001.0 | 988.5 | +1.5 | 26.6 | 24.4 | 23.4 | 28.8 | 83 | + 6 | 6.6 | +0.6 | 5.4 | 0 | 0 | 24 | 00 | 19 | 1 | 0 | 1 | 1 | 1 | 1 | 6 | 0 |
| | 2030 | 111 | 1002.6 | 990.0 | .. | 24.9 | 23.8 | 23.3 | 28.6 | 91 | .. | 6.4 | .. | 5.3 | 0 | 0 | 21 | 00 | 19 | 0 | 0 | 0 | 2 | 0 | 0 | 9 | 0 |
| | 2330 | 111 | 1002.9 | 990.3 | .. | 24.4 | 23.5 | 23.1 | 28.3 | 93 | .. | 6.9 | .. | 6.5 | 0 | 0 | 22 | 01 | 15 | 2 | 1 | 0 | 3 | 0 | 0 | 8 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1004.1 | 992.6 | +1.3 | 25.5 | 24.2 | 23.6 | 29.1 | 90 | + 2 | 7.6 | +0.6 | 7.2 | 0 | 0 | 27 | 02 | 11 | 8 | 1 | 2 | 2 | 0 | 1 | 3 | 0 |
| | 1130 | 102 | 1003.3 | 991.9 | .. | 27.0 | 24.7 | 23.7 | 29.3 | 83 | .. | 7.3 | .. | 9.0 | 0 | 3 | 24 | 04 | 10 | 6 | 3 | 2 | 2 | 0 | 0 | 3 | 0 |
| | 1430 | 102 | 1001.1 | 989.7 | .. | 28.0 | 25.0 | 23.7 | 29.3 | 78 | .. | 6.7 | .. | 10.3 | 0 | 1 | 27 | 02 | 11 | 9 | 2 | 3 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 102 | 1001.0 | 989.5 | +1.6 | 27.0 | 24.8 | 23.8 | 29.5 | 84 | + 2 | 6.6 | +0.7 | 6.7 | 0 | 0 | 29 | 04 | 10 | 10 | 3 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 2030 | 102 | 1002.8 | 991.2 | .. | 25.4 | 24.4 | 23.9 | 29.7 | 91 | .. | 6.6 | .. | 7.5 | 0 | 2 | 26 | 03 | 13 | 7 | 1 | 2 | 0 | 1 | 1 | 2 | 0 |
| Sibsagar | 0830 | 97 | 1004.3 | 993.4 | +1.5 | 25.8 | 24.4 | 23.8 | 29.5 | 89 | + 5 | 7.7 | +0.4 | 2.8 | 0 | 0 | 28 | 14 | 9 | 1 | 0 | 1 | 3 | 0 | 0 | 2 | 0 |
| | 1730 | 97 | 1000.4 | 989.5 | +1.3 | 27.8 | 25.3 | 24.1 | 30.0 | 80 | + 0 | 7.2 | +0.9 | 3.2 | 0 | 0 | 27 | 08 | 12 | 3 | 0 | 1 | 3 | 0 | 0 | 3 | 0 |
| Gohpur | 0830 | 83 | 1003.5 | 994.1 | .. | 25.6 | 24.5 | 24.0 | 29.8 | 91 | + 4 | 7.7 | .. | 4.4 | 0 | 0 | 29 | 00 | 15 | 2 | 3 | 0 | 4 | 0 | 2 | 1 | 3 |
| | 1730 | 83 | 1000.3 | 991.0 | .. | 27.4 | 25.3 | 24.3 | 30.4 | 85 | + 5 | 7.1 | .. | 3.5 | 0 | 0 | 24 | 00 | 11 | 1 | 6 | 0 | 3 | 0 | 0 | 6 | 3 |
| Majbat | 0830 | | .. | .. | .. | 26.1 | 24.4 | 23.7 | 29.3 | 87 | .. | 6.0 | -0.4 | 5.6 | 0 | 0 | 29 | 00 | 20 | 0 | 3 | 0 | 4 | 0 | 2 | 1 | 0 |
| | 1730 | | .. | .. | .. | 28.1 | 25.2 | 23.9 | 29.7 | 79 | .. | 5.8 | +0.3 | 3.5 | 0 | 0 | 26 | 00 | 15 | 0 | 2 | 0 | 7 | 0 | 2 | 4 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1002.2 | 992.1 | .. | 24.0 | 23.6 | 23.4 | 28.8 | 97 | .. | 7.4 | .. | 1.6 | 0 | 0 | 12 | 00 | 4 | 1 | 0 | 0 | 5 | 1 | 1 | 18 | 0 |
| | 0830 | 90 | 1003.1 | 993.0 | .. | 26.0 | 24.6 | 24.0 | 29.8 | 90 | .. | 7.5 | .. | 2.6 | 0 | 0 | 22 | 01 | 10 | 2 | 0 | 0 | 4 | 2 | 3 | 8 | 0 |
| | 1130 | 90 | 1002.4 | 992.3 | .. | 27.7 | 25.3 | 24.2 | 30.2 | 82 | .. | 7.0 | .. | 3.9 | 0 | 0 | 25 | 02 | 12 | 4 | 1 | 0 | 4 | 1 | 1 | 5 | 0 |
| | 1730 | 90 | 999.8 | 989.8 | .. | 27.5 | 25.3 | 24.3 | 30.4 | 84 | .. | 6.7 | .. | 3.6 | 0 | 0 | 24 | 02 | 10 | 5 | 0 | 0 | 5 | 1 | 1 | 6 | 0 |
| | 2330 | 90 | 1002.0 | 991.9 | .. | 25.1 | 24.5 | 24.2 | 30.2 | 95 | .. | 6.9 | .. | 2.1 | 0 | 0 | 14 | 01 | 5 | 5 | 0 | 0 | 1 | 0 | 2 | 16 | 0 |
| Tangla | 0830 | 78 | 1002.5 | 993.7 | +0.5 | 26.9 | 25.4 | 24.7 | 31.1 | 91 | + 6 | 3.0 | -2.9 | 2.5 | 0 | 0 | 25 | 00 | 2 | 0 | 14 | 0 | 9 | 0 | 0 | 5 | 0 |
| | 1730 | 78 | 999.2 | 990.6 | +0.9 | 28.6 | 26.6 | 25.8 | 33.2 | 83 | + 5 | 2.6 | -1.9 | 1.9 | 0 | 0 | 20 | 00 | 0 | 0 | 14 | 0 | 6 | 0 | 0 | 10 | 0 |
| Tezpur | 0830 | 79 | 1003.6 | 994.7 | +0.5 | 25.6 | 24.7 | 24.3 | 30.4 | 93 | + 8 | 6.2 | -0.3 | 3.5 | 0 | 0 | 28 | 01 | 14 | 7 | 0 | 0 | 6 | 0 | 0 | 2 | 0 |
| | 1730 | 79 | 1000.2 | 991.4 | +1.1 | 28.2 | 26.1 | 25.3 | 32.2 | 85 | + 5 | 5.3 | +0.1 | 2.9 | 0 | 0 | 25 | 01 | 17 | 2 | 2 | 0 | 3 | 0 | 0 | 5 | 0 |
| Golaghat | 0830 | 95 | 1003.6 | 992.8 | +0.6 | 26.0 | 24.4 | 23.7 | 29.3 | 87 | + 2 | 6.9[b] | +0.4 | 0.9[b] | 0 | 0 | 11 | 00 | 4 | 3 | 0 | 0 | 3 | 0 | 1 | 18 | 0 |
| | 1730 | 95 | 999.4 | 988.8 | +0.0 | 28.7 | 25.3 | 23.8 | 29.5 | 77 | - 1 | 5.9[f] | +0.6 | 0.7[f] | 0 | 0 | 8 | 01 | 2 | 1 | 0 | 1 | 1 | 1 | 1 | 17 | 0 |
| Rangia | 0830 | 60 | 1004.0 | 997.2 | .. | 26.6 | 25.3 | 24.7 | 31.1 | 90 | + 9 | 6.9 | .. | 7.5 | 0 | 1 | 26 | 00 | 2 | 15 | 2 | 0 | 1 | 6 | 1 | 3 | 0 |
| | 1730 | 60 | 1000.8 | 994.1 | .. | 28.4 | 26.5 | 25.2 | 33.0 | 86 | +10 | 5.7 | .. | 5.2 | 0 | 1 | 20 | 01 | 3 | 9 | 2 | 0 | 3 | 4 | 0 | 9 | 0 |
| Chaparmukh | 0830 | 66 | 1003.8 | 996.4 | +0.7 | 26.4 | 25.0 | 24.4 | 30.5 | 89 | + 6 | 7.1 | +0.6 | 5.3 | 0 | 0 | 29 | 00 | 4 | 5 | 13 | 3 | 2 | 0 | 2 | 1 | 0 |
| | 1730 | 66 | 1000.3 | 993.0 | +0.9 | 28.2 | 26.2 | 25.4 | 32.4 | 86 | + 5 | 6.4 | +0.6 | 5.2 | 0 | 0 | 28 | 02 | 7 | 5 | 6 | 3 | 2 | 0 | 3 | 2 | 0 |
| Goalpara | 0830 | 38 | 1003.1 | 998.9 | +1.3 | 25.8 | 24.1 | 23.4 | 28.8 | 88 | + 1 | 6.7 | -0.2 | 2.3 | 0 | 0 | 29 | 00 | 12 | 3 | 8 | 0 | 3 | 2 | 1 | 1 | 0 |
| | 1730 | 38 | 1001.0 | 996.7 | +2.3 | 28.5 | 25.9 | 24.8 | 31.3 | 81 | + 1 | 6.3 | +0.4 | 2.2 | 0 | 0 | 28 | 01 | 17 | 0 | 4 | 1 | 4 | 1 | 0 | 2 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1000.8 | 994.7 | .. | 25.2 | 24.2 | 23.7 | 29.3 | 91 | .. | 7.1 | .. | 7.5 | 0 | 3 | 19 | 02 | 8 | 5 | 0 | 2 | 0 | 3 | 1 | 8 | 1 |
| | 0530 | 54 | 1001.4 | 995.2 | .. | 25.0 | 24.1 | 23.6 | 29.1 | 92 | .. | 7.4 | .. | 5.9 | 0 | 1 | 18 | 02 | 9 | 2 | 2 | 3 | 1 | 0 | 0 | 11 | 0 |
| | 0830 | 54 | 1002.6 | 996.5 | -0.2 | 26.6 | 24.6 | 23.7 | 29.3 | 85 | + 1 | 7.3 | +0.6 | 7.7 | 0 | 1 | 22 | 07 | 10 | 1 | 0 | 1 | 1 | 2 | 1 | 7 | 0 |
| | 1130 | 54 | 1001.8 | 995.7 | | 28.3 | 25.5 | 24.3 | 30.4 | 79 | .. | 6.6 | .. | 8.5 | 0 | 1 | 27 | 11 | 8 | 2 | 0 | 1 | 0 | 2 | 2 | 2 | 2 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM(INCLUDING NEFA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati(Bhorjor) (Contd.) | 1430 | 54 | 999.6 | 993.5 | .. | 28.8 | 25.8 | 24.5 | 30.7 | 79 | .. | 6.6 | .. | 9.3 | 0 | 3 | 23 | 04 | 13 | 2 | 2 | 1 | 0 | 2 | 1 | 4 | 1 |
| | 1730 | 54 | 999.3 | 993.2 | +0.0 | 27.8 | 25.4 | 24.3 | 30.4 | 82 | + 2 | 6.6 | +0.5 | 7.8 | 0 | 1 | 25 | 09 | 6 | 3 | 1 | 3 | 2 | 1 | 1 | 4 | 0 |
| | 2030 | 54 | 1001.3 | 995.2 | .. | 26.5 | 24.9 | 24.2 | 30.2 | 87 | .. | 6.3 | .. | 6.7 | 0 | 2 | 15 | 01 | 6 | 6 | 1 | 2 | 0 | 0 | 1 | 13 | 0 |
| | 2330 | 54 | 1001.7 | 995.5 | .. | 25.9 | 24.6 | 24.1 | 30.0 | 90 | .. | 7.0 | .. | 5.9 | 0 | 1 | 16 | 01 | 7 | 5 | 0 | 3 | 1 | 0 | 0 | 13 | 0 |
| | 0530 | 45 | 1001.1 | 995.9 | .. | 24.7 | 24.1 | 23.8 | 29.5 | 94 | .. | 7.1 | .. | 7.3 | 0 | 0 | 28 | 01 | 15 | 9 | 2 | 0 | 0 | 1 | 0 | 2 | 0 |
| Dhubri (Rupsi) | 0830 | 45 | 1001.9 | 996.8 | +0.2 | 27.1 | 25.1 | 24.2 | 30.2 | 85 | + 0 | 7.2 | +0.7 | 9.5 | 0 | 2 | 26 | 00 | 6 | 17 | 1 | 1 | 1 | 2 | 0 | 2 | 0 |
| | 1130 | 45 | 1001.2 | 996.2 | .. | 29.1 | 26.1 | 24.8 | 31.3 | 79 | .. | 6.5 | .. | 11.5 | 0 | 7 | 21 | 00 | 7 | 11 | 3 | 2 | 4 | 1 | 0 | 2 | 0 |
| | 1730 | 45 | 998.6 | 993.6 | +0.5 | 28.7 | 26.0 | 24.9 | 31.5 | 80 | - 1 | 6.1 | +0.4 | 8.1 | 0 | 0 | 29 | 01 | 4 | 11 | 4 | 4 | 5 | 0 | 0 | 1 | 0 |
| Dhubri | 0830 | 35 | 1002.7 | 998.7 | +0.2 | 26.3 | 24.8 | 24.1 | 30.0 | 88 | + 0 | 6.3 | +0.2 | 11.1 | 0 | 4 | 22 | 00 | 13 | 8 | 4 | 0 | 1 | 0 | 0 | 4 | 0 |
| | 1730 | 35 | 999.6 | 995.7 | +0.7 | 27.3 | 25.8 | 25.1 | 31.9 | 86 | + 0 | 4.7 | -0.6 | 14.7 | 0 | 12 | 15 | 00 | 7 | 11 | 4 | 4 | 1 | 0 | 0 | 3 | 0 |
| Lumding | 0830 | 149 | 1004.0 | 987.2 | .. | 25.9 | 24.3 | 23.6 | 29.1 | 87 | + 5 | 7.1 | .. | 2.2 | 0 | 0 | 17 | 00 | 0 | 12 | 3 | 2 | 0 | 0 | 0 | 13 | 0 |
| | 1730 | 149 | 1000.0 | 983.5 | .. | 28.7 | 25.1 | 23.5 | 28.9 | 75 | .. | 6.6 | .. | 2.5 | 0 | 0 | 21 | 01 | 0 | 6 | 3 | 8 | 1 | 0 | 2 | 9 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1002.8 | 961.7 | -0.3 | 25.8 | 24.3 | 23.7 | 29.3 | 86 | - 2 | 7.4 | +0.1 | 5.8 | 0 | 0 | 27 | 01 | 5 | 6 | 4 | 6 | 3 | 2 | 0 | 3 | 0 |
| | 1730 | 370 | 999.4 | 958.6 | -0.3 | 27.3 | 25.1 | 24.1 | 30.0 | 82 | - 2 | 7.2 | +0.4 | 6.8 | 0 | 0 | 28 | 00 | 2 | 3 | 7 | 7 | 4 | 5 | 0 | 2 | 0 |
| Haflong | 0830 | 682 | 1006.6 | 931.3 | +2.0 | 22.1 | 21.1 | 20.6 | 24.3 | 92 | + 5 | 7.5 | +1.2 | 2.6 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 5 | 16 | 0 | 0 | 9 | 0 |
| | 1730 | 682 | 1000.2 | 925.7 | +0.5 | 23.5 | 21.9 | 21.1 | 25.0 | 87 | + 6 | 7.0 | +1.3 | 2.2 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 20 | 0 | 1 | 9 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1001.4 | 990.5 | .. | 23.9 | 23.3 | 22.9 | 27.9 | 95 | .. | 7.9 | .. | 7.5 | 0 | 0 | 30 | 02 | 5 | 20 | 2 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 0830 | 97 | 1002.6 | 991.7 | +0.4 | 25.7 | 24.1 | 23.4 | 28.8 | 88 | + 2 | 7.8 | +1.2 | 7.3 | 0 | 0 | 30 | 00 | 3 | 21 | 2 | 0 | 1 | 3 | 0 | 0 | 0 |
| | 1130 | 97 | 1001.5 | 990.7 | .. | 27.7 | 24.8 | 23.5 | 28.9 | 79 | .. | 7.7 | .. | 8.0 | 0 | 0 | 30 | 01 | 2 | 16 | 1 | 0 | 3 | 3 | 4 | 0 | 0 |
| | 1730 | 97 | 999.7 | 988.9 | +1.1 | 26.8 | 24.7 | 23.8 | 29.5 | 85 | + 5 | 7.6 | +1.8 | 6.5 | 0 | 0 | 29 | 00 | 2 | 11 | 0 | 6 | 5 | 3 | 2 | 1 | 0 |
| Silchar | 0830 | 29 | 1004.3 | 1001.0 | +0.9 | 26.0 | 24.7 | 24.1 | 30.0 | 89 | + 3 | 7.4 | +0.6 | 0.9 | 0 | 0 | 13 | 00 | 4 | 5 | 1 | 1 | 0 | 1 | 1 | 17 | 0 |
| Imphal (Tulihal) | 1730 | 29 | 1001.7 | 998.4 | +2.0 | 26.9 | 25.2 | 24.4 | 30.5 | 86 | + 5 | 7.3 | +1.3 | 0.6 | 0 | 0 | 9 | 00 | 1 | 2 | 1 | 2 | 2 | 0 | 1 | 21 | 0 |
| | 0530 | 781 | 1004.2 | 918.5 | .. | 21.3 | 21.0 | 20.8 | 24.6 | 97 | .. | 7.6 | .. | 3.6 | 0 | 0 | 13 | 02 | 4 | 3 | 2 | 1 | 0 | 0 | 1 | 17 | 0 |
| | 0830 | 781 | 1004.8 | 919.6 | +0.2 | 23.2 | 21.8 | 21.1 | 25.0 | 88 | + 8 | 7.4 | +0.6 | 5.3 | 0 | 0 | 15 | 00 | 4 | 1 | 4 | 2 | 1 | 1 | 2 | 15 | 0 |
| | 1130 | 781 | 1003.3 | 918.8 | .. | 24.8 | 22.4 | 21.2 | 25.2 | 82 | .. | 7.4 | .. | 7.3 | 0 | 1 | 21 | 03 | 3 | 2 | 2 | 5 | 2 | 3 | 2 | 8 | 0 |
| | 1430 | 781 | 1001.2 | 916.9 | .. | 25.3 | 22.6 | 21.3 | 25.3 | 80 | .. | 7.3 | .. | 9.2 | 0 | 1 | 23 | 02 | 1 | 1 | 6 | 6 | 3 | 2 | 3 | 6 | 0 |
| | 1730 | 781 | 1001.7 | 917.0 | +2.6 | 24.0 | 22.2 | 21.3 | 25.3 | 86 | +11 | 7.4 | +1.0 | 8.2 | 0 | 0 | 24 | 02 | 5 | 2 | 2 | 5 | 2 | 1 | 5 | 6 | 0 |
| | 2030 | 781 | 1004.1 | 918.8 | .. | 22.7 | 21.8 | 21.3 | 25.3 | 93 | .. | 7.5 | .. | 6.1 | 0 | 0 | 17 | 02 | 0 | 3 | 3 | 5 | 2 | 1 | 1 | 13 | 0 |
| | 2330 | 781 | 1004.3 | 918.9 | .. | 22.0 | 21.5 | 21.2 | 25.3 | 95 | .. | 7.5 | .. | 4.9 | 0 | 0 | 15 | 03 | 2 | 4 | 3 | 2 | 1 | 0 | 0 | 15 | 0 |
| Kailashahar | 0530 | 30 | 1002.5 | 999.3 | .. | 25.4 | 24.4 | 23.9 | 29.7 | 92 | .. | 7.1 | .. | 6.7 | 0 | 2 | 26 | 02 | 6 | 6 | 1 | 8 | 3 | 0 | 1 | 2 | 1 |
| | 0830 | 30 | 1003.6 | 1000.3 | -0.1 | 26.8 | 25.0 | 24.2 | 30.2 | 84 | + 1 | 7.2 | +0.4 | 6.5 | 0 | 0 | 29 | 01 | 2 | 4 | 4 | 9 | 9 | 0 | 0 | 1 | 0 |
| | 1130 | 30 | 1002.8 | 999.6 | .. | 28.3 | 25.9 | 24.9 | 31.5 | 82 | .. | 7.0 | .. | 7.2 | 0 | 1 | 29 | 03 | 7 | 3 | 0 | 7 | 7 | 1 | 0 | 0 | 2 |
| | 1730 | 30 | 1000.9 | 997.6 | +0.5 | 28.0 | 25.7 | 24.8 | 31.3 | 85 | + 5 | 7.4 | +0.7 | 6.7 | 0 | 1 | 28 | 02 | 3 | 1 | 1 | 13 | 8 | 1 | 0 | 1 | 0 |
| Agartala | 0230 | 16 | 1000.1 | 998.3 | .. | 25.7 | 24.7 | 24.3 | 30.4 | 92 | .. | 6.5 | .. | 14.7 | 0 | 7 | 18 | 01 | 2 | 2 | 11 | 9 | 0 | 0 | 0 | 5 | 0 |
| | 0530 | 16 | 1000.6 | 998.8 | .. | 25.6 | 24.7 | 24.3 | 30.4 | 92 | .. | 7.3 | .. | 17.5 | 0 | 9 | 20 | 00 | 3 | 4 | 8 | 12 | 1 | 0 | 1 | 1 | 0 |
| | 0830 | 16 | 1001.7 | 999.9 | -0.2 | 27.9 | 25.9 | 25.1 | 31.9 | 85 | + 1 | 7.4 | +0.6 | 14.7 | 0 | 6 | 23 | 00 | 2 | 3 | 9 | 14 | 0 | 0 | 1 | 1 | 0 |
| | 1130 | 16 | 1001.2 | 999.4 | .. | 29.0 | 26.4 | 25.3 | 32.2 | 81 | .. | 7.4 | .. | 16.9 | 0 | 9 | 21 | 01 | 3 | 2 | 10 | 13 | 0 | 1 | 0 | 0 | 0 |
| | 1430 | 16 | 999.4 | 997.6 | .. | 29.3 | 26.7 | 25.6 | 32.8 | 81 | .. | 7.2 | .. | 15.1 | 0 | 7 | 21 | 01 | 1 | 2 | 7 | 14 | 2 | 0 | 1 | 2 | 0 |
| | 1730 | 16 | 999.2 | 997.4 | +0.3 | 27.8 | 25.8 | 24.9 | 31.5 | 85 | + 1 | 7.3 | +0.7 | 18.4 | 0 | 11 | 19 | 01 | 2 | 3 | 5 | 18 | 0 | 1 | 0 | 0 | 0 |
| | 2030 | 16 | 1000.9 | 999.1 | .. | 26.6 | 25.2 | 24.6 | 30.9 | 89 | .. | 6.5 | .. | 14.9 | 0 | 5 | 23 | 01 | 2 | 2 | 9 | 14 | 0 | 0 | 0 | 2 | 0 |
| | 2330 | 16 | 1001.2 | 999.4 | .. | 26.1 | 25.0 | 24.5 | 30.7 | 91 | .. | 6.8 | .. | 16.1 | 0 | 8 | 17 | 01 | 2 | 0 | 11 | 11 | 0 | 0 | 0 | 5 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1000.6 | 985.8 | .. | 24.8 | 23.6 | 23.0 | 28.1 | 90 | .. | 6.6 | .. | 8.4 | 0 | 0 | 26 | 00 | 22 | 4 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 0530 | 131 | 1000.9 | 986.1 | .. | 24.8 | 23.8 | 23.3 | 28.6 | 91 | .. | 7.0 | .. | 10.0 | 0 | 4 | 21 | 00 | 22 | 2 | 0 | 1 | 0 | 0 | 0 | 5 | 0 |
| | 0830 | 131 | 1002.5 | 987.8 | +1.0 | 27.8 | 24.9 | 23.5 | 28.9 | 79 | - 5 | 6.4 | -0.3 | 13.6 | 0 | 1 | 27 | 00 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 131 | 1001.6 | 987.0 | .. | 29.6 | 25.7 | 23.9 | 29.7 | 73 | .. | 6.4 | .. | 15.5 | 0 | 2 | 28 | 00 | 13 | 12 | 3 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 1430 | 131 | 999.4 | 984.9 | .. | 30.4 | 26.0 | 24.1 | 30.0 | 70 | .. | 5.9 | .. | 14.5 | 0 | 1 | 29 | 00 | 12 | 11 | 2 | 2 | 3 | 0 | 0 | 0 | 0 |
| | 1730 | 131 | 998.7 | 984.2 | +0.6 | 29.2 | 25.7 | 24.1 | 30.0 | 75 | - 2 | 5.6 | -0.3 | 13.1 | 0 | 1 | 29 | 00 | 16 | 7 | 3 | 2 | 2 | 0 | 0 | 0 | 0 |
| | 2030 | 131 | 1000.9 | 986.3 | .. | 27.1 | 25.0 | 24.1 | 30.0 | 83 | .. | 6.0 | .. | 9.3 | 0 | 0 | 25 | 00 | 19 | 6 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 131 | 1001.7 | 986.9 | .. | 25.9 | 24.4 | 23.8 | 29.5 | 88 | .. | 6.9 | .. | 9.8 | 0 | 1 | 26 | 00 | 20 | 5 | 2 | 0 | 0 | 0 | 0 | 3 | 0 |
| Jalpaiguri | 0830 | 83 | 1001.7 | 992.5 | -0.1 | 26.5 | 24.6 | 23.7 | 29.3 | 86 | - 1 | 5.5 | -0.1 | 11.4 | 0 | 5 | 25 | 04 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 83 | 998.3 | 989.1 | -0.1 | 29.2 | 25.9 | 24.5 | 30.7 | 76 | - 3 | 4.1 | -0.8 | 9.2 | 0 | 2 | 27 | 00 | 12 | 11 | 4 | 1 | 1 | 0 | 0 | 1 | 0 |
| Cooch Behar | 0830 | 43 | 1002.2 | 997.4 | +0.7 | 26.8 | 25.1 | 24.3 | 30.4 | 87 | + 2 | 6.4 | -0.4 | 14.8 | 0 | 11 | 17 | 00 | 6 | 18 | 3 | 0 | 1 | 0 | 0 | 2 | 0 |
| | 1130 | 43 | 1001.7 | 996.8 | .. | 28.7 | 25.9 | 24.7 | 31.1 | 79 | .. | 6.2 | .. | 19.1 | 0 | 11 | 19 | 01 | 8 | 16 | 2 | 1 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 43 | 998.9 | 994.1 | +0.7 | 28.7 | 25.8 | 24.5 | 30.7 | 79 | - 1 | 5.5 | -0.3 | 11.3 | 0 | 6 | 21 | 00 | 6 | 15 | 4 | 2 | 0 | 0 | 0 | 3 | 0 |
| Balurghat | 0830 | 26 | 1000.4 | 997.5 | .. | 29.4 | 26.5 | 25.3 | 32.2 | 79 | .. | 6.0 | .. | 3.8 | 0 | 0 | 29 | 02 | 4 | 11 | 5 | 4 | 3 | 0 | 0 | 1 | 0 |
| | 1730 | 26 | 997.3 | 994.5 | .. | 29.9 | 26.6 | 25.3 | 32.2 | 77 | .. | 5.2 | .. | 3.7 | 0 | 0 | 28 | 02 | 4 | 10 | 7 | 3 | 2 | 0 | 0 | 2 | 0 |
| Malda | 0830 | 31 | 1000.4 | 996.9 | -0.2 | 29.5 | 26.5 | 25.3 | 32.2 | 78 | - 3 | 5.5 | -0.7 | 4.1 | 0 | 0 | 28 | 01 | 4 | 9 | 3 | 4 | 4 | 1 | 0 | 2 | 2 |
| | 1730 | 31 | 997.0 | 993.5 | -0.2 | 32.0 | 27.0 | 24.9 | 31.5 | 68 | - 7 | 4.7 | -1.1 | 4.3 | 0 | 0 | 28 | 01 | 3 | 11 | 5 | 5 | 1 | 0 | 0 | 2 | 2 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1000.3 | 998.2 | -0.4 | 29.1 | 26.7 | 25.7 | 33.0 | 82 | + 2 | 6.4 | +0.3 | 5.1 | 0 | 0 | 30 | 03 | 0 | 5 | 2 | 18 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 19 | 996.8 | 994.8 | -0.1 | 31.4 | 26.8 | 24.9 | 31.5 | 71 | - 3 | 6.5 | +0.4 | 4.1 | 0 | 1 | 26 | 00 | 0 | 10 | 2 | 11 | 1 | 3 | 0 | 3 | 0 |
| Suri | 0830 | | .. | .. | .. | 30.6 | 26.3 | 24.5 | 30.7 | 72 | - 4 | 5.1 | -0.6 | 6.7 | 0 | 0 | 30 | 04 | 1 | 8 | 2 | 11 | 1 | 3 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 998.6 | 984.6 | .. | 28.9 | 25.7 | 24.3 | 30.4 | 79 | .. | 4.9 | .. | 7.8 | 0 | 1 | 29 | 01 | 3 | 5 | 4 | 7 | 5 | 3 | 2 | 0 | 0 |
| | 0530 | 126 | 999.0 | 985.0 | .. | 28.6 | 25.5 | 24.2 | 30.2 | 80 | .. | 6.5 | .. | 6.6 | 0 | 0 | 29 | 01 | 7 | 3 | 2 | 6 | 5 | 2 | 3 | 1 | 0 |
| | 0830 | 126 | 1000.2 | 986.3 | +0.4 | 32.0 | 26.6 | 24.3 | 30.4 | 67 | - 7 | 5.7 | +0.2 | 8.5 | 0 | 1 | 28 | 00 | 8 | 5 | 1 | 5 | 4 | 4 | 2 | 1 | 0 |
| | 1130 | 126 | 999.1 | 985.3 | .. | 35.1 | 27.5 | 24.3 | 30.4 | 59 | .. | 5.5 | .. | 9.6 | 0 | 1 | 29 | 04 | 8 | 1 | 1 | 2 | 3 | 5 | 6 | 0 | 0 |
| | 1430 | 126 | 996.8 | 983.1 | .. | 36.1 | 27.7 | 24.2 | 30.2 | 56 | .. | 5.4 | .. | 10.0 | 0 | 1 | 29 | 05 | 6 | 4 | 2 | 5 | 1 | 4 | 3 | 0 | 0 |
| | 1730 | 126 | 996.4 | 982.7 | +0.3 | 34.2 | 27.2 | 24.3 | 30.4 | 62 | - 3 | 6.0 | -0.3 | 9.5 | 0 | 2 | 27 | 02 | 5 | 4 | 2 | 5 | 2 | 5 | 4 | 1 | 0 |
| | 2030 | 126 | 998.9 | 985.0 | .. | 30.9 | 26.6 | 24.7 | 31.1 | 74 | .. | 4.6 | .. | 8.3 | 0 | 0 | 28 | 01 | 6 | 3 | 3 | 3 | 8 | 2 | 2 | 2 | 0 |
| | 2330 | 126 | 999.5 | 985.5 | .. | 29.6 | 26.1 | 24.7 | 31.1 | 78 | .. | 4.7 | .. | 8.1 | 0 | 0 | 28 | 01 | 3 | 4 | 5 | 5 | 6 | 3 | 1 | 2 | 0 |
| Shanti Niketan | 0830 | 59 | 1000.5 | 993.9 | .. | 30.0 | 26.3 | 24.7 | 31.1 | 76 | .. | 6.3 | .. | 8.0 | 0 | 0 | 29 | 01 | 7 | 2 | 3 | 9 | 5 | 0 | 2 | 1 | 0 |
| | 1130 | 59 | 999.7 | 993.2 | .. | 33.2 | 26.4 | 23.4 | 28.8 | 62 | .. | 5.8 | .. | 7.5 | 0 | 0 | 30 | 03 | 5 | 1 | 4 | 8 | 5 | 3 | 1 | 0 | 0 |
| | 1730 | 59 | 997.1 | 990.6 | .. | 32.5 | 26.3 | 23.6 | 29.1 | 65 | .. | 6.4 | .. | 7.5 | 0 | 0 | 30 | 03 | 3 | 5 | 6 | 7 | 2 | 2 | 2 | 0 | 0 |
| Krishnanagar | 0830 | 15 | 1000.6 | 999.0 | +0.1 | 29.5 | 26.7 | 25.5 | 32.6 | 80 | - 1 | 4.6 | -1.4 | 3.1 | 0 | 0 | 20 | 00 | 0 | 1 | 3 | 16 | 0 | 0 | 0 | 10 | 0 |
| | 1730 | 15 | 998.7 | 997.1 | +1.3 | 30.8 | 27.0 | 25.4 | 32.4 | 75 | - 3 | 4.8 | -1.4 | 2.1 | 0 | 0 | 19 | 00 | 0 | 0 | 1 | 18 | 0 | 0 | 0 | 11 | 0 |
| Purulia | 0830 | 255 | 1000.5 | 972.5 | +0.4 | 30.3 | 25.4 | 23.1 | 28.3 | 70 | + 0 | 6.1 | +0.8 | 6.5 | 0 | 0 | 30 | 05 | 5 | 1 | 3 | 4 | 5 | 4 | 3 | 0 | 0 |
| | 1730 | 255 | 996.7 | 969.1 | +0.4 | 32.8 | 25.7 | 22.5 | 27.3 | 61 | + 0 | 6.7 | +0.0 | 6.0 | 0 | 0 | 28 | 00 | 6 | 0 | 5 | 3 | 7 | 1 | 6 | 2 | 0 |
| Bankura | 0830 | 100 | 1000.0 | 989.0 | .. | 30.8 | 26.9 | 25.3 | 32.2 | 75 | .. | 4.3 | .. | 2.4 | 0 | 0 | 23 | 00 | 4 | 3 | 1 | 4 | 6 | 1 | 0 | 7 | 4 |
| | 1730 | 100 | 996.6 | 985.7 | .. | 33.1 | 27.2 | 24.7 | 31.1 | 66 | .. | 4.2 | .. | 4.3 | 0 | 0 | 20 | 00 | 3 | 0 | 0 | 6 | 7 | 0 | 0 | 10 | 4 |
| Burdwan | 0830 | 32 | 1000.6 | 997.0 | +0.4 | 29.9 | 26.5 | 25.1 | 31.9 | 76 | - 4 | 4.4 | -0.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 32 | 997.1 | 993.5 | +0.1 | 31.8 | 26.9 | 24.9 | 31.5 | 69 | - 3 | 4.2 | -1.1 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barrackpore Aerodrome | 0530 | 7 | 1000.1 | 999.3 | .. | 27.0 | 26.0 | 25.6 | 32.8 | 91 | .. | 6.5 | .. | 8.2 | 0 | 1 | 24 | 01 | 2 | 6 | 0 | 8 | 5 | 2 | 1 | 5 | 0 |
| | 0830 | 7 | 1001.3 | 1000.5 | .. | 29.1 | 26.6 | 25.5 | 32.6 | 82 | .. | 6.6 | .. | 10.3 | 0 | 4 | 23 | 02 | 3 | 1 | 5 | 7 | 7 | 1 | 1 | 3 | 0 |
| | 1130 | 7 | 997.9 | 997.2 | .. | 30.6 | 27.2 | 25.8 | 33.4 | 77 | .. | 6.7 | .. | 10.5 | 0 | 3 | 25 | 02 | 2 | 2 | 4 | 4 | 11 | 1 | 2 | 2 | 0 |
| | 1730 | 7 | 998.9 | 998.2 | .. | 29.5 | 26.5 | 25.3 | 32.2 | 79 | .. | 6.6 | .. | 11.4 | 0 | 4 | 24 | 01 | 3 | 3 | 4 | 10 | 6 | 1 | 0 | 2 | 0 |
| | 2330 | 7 | 1001.1 | 1000.3 | .. | 27.5 | 26.1 | 25.5 | 32.6 | 89 | .. | 5.7 | .. | 9.0 | 0 | 3 | 17 | 01 | 1 | 1 | 3 | 10 | 3 | 1 | 0 | 10 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 998.7 | 998.0 | .. | 27.3 | 26.2 | 25.7 | 33.0 | 91 | .. | 5.9 | .. | 9.9 | 0 | 4 | 23 | 03 | 2 | 0 | 6 | 11 | 5 | 0 | 0 | 3 | 0 |
| | 0530 | 6 | 999.1 | 998.4 | .. | 27.1 | 26.1 | 25.7 | 33.0 | 92 | .. | 6.8 | .. | 8.3 | 0 | 4 | 25 | 02 | 3 | 5 | 6 | 6 | 7 | 0 | 0 | 1 | 0 |
| | 0830 | 6 | 1000.4 | 999.7 | -0.1 | 29.1 | 26.8 | 25.9 | 33.4 | 83 | + 4 | 7.1 | +0.6 | 10.7 | 0 | 4 | 26 | 02 | 3 | 1 | 4 | 7 | 10 | 2 | 1 | 0 | 0 |
| | 1130 | 6 | 999.9 | 999.2 | .. | 30.9 | 27.4 | 26.0 | 33.6 | 77 | .. | 7.1 | .. | 11.8 | 0 | 6 | 23 | 01 | 2 | 2 | 3 | 8 | 8 | 3 | 2 | 1 | 0 |
| | 1430 | 6 | 997.9 | 997.2 | .. | 31.3 | 27.6 | 26.1 | 33.8 | 76 | .. | 7.3 | .. | 12.7 | 0 | 6 | 22 | 02 | 0 | 4 | 5 | 7 | 8 | 0 | 2 | 2 | 0 |
| | 1730 | 6 | 997.7 | 997.0 | +0.3 | 29.8 | 27.0 | 25.9 | 33.4 | 80 | + 3 | 6.9 | +0.5 | 12.7 | 0 | 4 | 26 | 01 | 2 | 3 | 4 | 10 | 7 | 1 | 2 | 0 | 0 |
| | 2030 | 6 | 999.6 | 998.9 | .. | 28.1 | 26.5 | 25.8 | 33.2 | 88 | .. | 4.7 | .. | 11.1 | 0 | 4 | 25 | 00 | 2 | 4 | 7 | 11 | 4 | 1 | 0 | 1 | 0 |
| | 2330 | 6 | 999.9 | 999.2 | .. | 27.7 | 26.3 | 25.7 | 33.0 | 89 | .. | 6.0 | .. | 10.3 | 0 | 4 | 21 | 00 | 2 | 3 | 5 | 12 | 3 | 0 | 0 | 5 | 0 |
| Calcutta | 0830 | 6 | 1000.6 | 999.9 | +0.2 | 29.5 | 27.3 | 26.5 | 34.4 | 84 | + 4 | 6.4 | +0.3 | 8.6 | 0 | 0 | 30 | 02 | 1 | 4 | 3 | 9 | 9 | 0 | 2 | 0 | 0 |
| | 1130 | 6 | 1000.0 | 999.3 | .. | 31.1 | 27.9 | 26.7 | 35.0 | 79 | .. | 6.5 | .. | 8.1 | 0 | 0 | 29 | 02 | 2 | 3 | 1 | 9 | 7 | 3 | 2 | 1 | 0 |
| | 1730 | 6 | 997.8 | 997.1 | +0.4 | 29.6 | 27.3 | 26.3 | 34.2 | 84 | + 7 | 6.6 | +0.3 | 10.9 | 0 | 4 | 25 | 01 | 1 | 1 | 5 | 17 | 3 | 0 | 1 | 1 | 0 |
| Midnapore | 0830 | 45 | 1000.7 | 995.7 | +0.6 | 29.2 | 26.2 | 24.9 | 31.5 | 79 | + 3 | 4.7 | -0.7 | 5.7 | 0 | 0 | 28 | 04 | 4 | 0 | 0 | 8 | 9 | 1 | 1 | 2 | 1 |
| | 1730 | 45 | 997.6 | 992.5 | +0.5 | 31.4 | 26.9 | 25.1 | 31.9 | 72 | + 0 | 6.5 | +0.4 | 5.4 | 0 | 0 | 30 | 01 | 2 | 0 | 1 | 13 | 12 | 1 | 0 | 0 | 0 |
| Contai | 0830 | 11 | 1000.7 | 999.5 | +0.5 | 30.0 | 27.0 | 25.8 | 33.2 | 79 | - 2 | 4.8 | -0.5 | 12.6 | 0 | 8 | 22 | 00 | 0 | 0 | 2 | 5 | 11 | 11 | 1 | 0 | 0 |
| | 1730 | 11 | 998.3 | 997.1 | +0.6 | 29.0 | 26.8 | 25.9 | 33.4 | 84 | + 2 | 4.8 | -0.6 | 14.8 | 0 | 9 | 19 | 00 | 0 | 1 | 1 | 13 | 8 | 5 | 0 | 2 | 0 |
| Sagar Island | 0830 | 3 | 1000.5 | 1000.2 | +0.2 | 29.4 | 27.4 | 26.6 | 34.8 | 85 | + 5 | 6.3 | +0.3 | 31.2 | 1 | 24 | 5 | 01 | 1 | 1 | 2 | 11 | 10 | 2 | 2 | 0 | 0 |
| | 1730 | 3 | 998.1 | 997.8 | +0.5 | 29.1 | 27.1 | 26.3 | 34.2 | 85 | + 3 | 6.4 | +0.5 | 35.0 | 1 | 23 | 5 | 01 | 0 | 1 | 4 | 14 | 7 | 0 | 2 | 1 | 0 |
| Sandheads | 0530 | 10 | 998.2 | 997.1 | .. | 28.4 | 26.6 | 25.9 | 33.4 | 88 | .. | 7.2[1] | .. | 35.4 | 1 | 18 | 1 | 00 | 1 | 1 | 0 | 0 | 13 | 3 | 1 | 0 | 0 |
| | 0830 | 10 | 1000.8 | 999.7 | +0.1 | 29.8 | 27.7 | 26.9 | 35.4 | 85 | + 3 | 7.2[1] | +1.4 | 35.6 | 1 | 17 | 1 | 01 | 1 | 0 | 0 | 0 | 13 | 2 | 2 | 0 | 0 |
| | 1130 | 10 | 999.2 | 998.1 | .. | 29.2 | 27.0 | 26.1 | 33.8 | 84 | .. | 7.2[1] | .. | 36.9 | 1 | 17 | 1 | 01 | 1 | 0 | 0 | 0 | 13 | 3 | 1 | 0 | 0 |
| | 1730 | 10 | 998.4 | 997.3 | +0.5 | 29.3 | 27.5 | 26.8 | 35.2 | 87 | + 2 | 7.1[1] | +1.5 | 36.7 | 1 | 16 | 2 | 00 | 1 | 0 | 1 | 0 | 16 | 1 | 0 | 0 | 0 |
| | 2330 | 10 | 999.5 | 998.4 | .. | 28.2 | 27.1 | 26.7 | 35.0 | 91 | .. | 0.4[1] | .. | 31.3 | 0 | 17 | 2 | 00 | 1 | 0 | 1 | 0 | 13 | 2 | 2 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1001.6 | 995.5 | +1.1 | 30.0 | 26.5 | 25.1 | 31.9 | 77 | - 1 | 5.2 | -0.5 | 4.7 | 0 | 0 | 25 | 03 | 2 | 0 | 3 | 6 | 4 | 2 | 3 | 5 | 2 |
| | 1730 | 54 | 998.7 | 992.7 | +0.9 | 30.7 | 26.6 | 24.9 | 31.5 | 75 | + 0 | 6.3 | +0.6 | 3.5 | 0 | 0 | 26 | 02 | 1 | 0 | 4 | 7 | 8 | 3 | 0 | 4 | 1 |
| Jharsuguda | 0230 | 230 | 999.8 | 974.3 | .. | 27.5 | 24.4 | 22.9 | 27.9 | 78 | .. | 7.0 | .. | 9.0 | 0 | 0 | 26 | 00 | 1 | 0 | 5 | 6 | 5 | 9 | 0 | 4 | 0 |
| | 0530 | 230 | 1000.1 | 974.6 | .. | 27.1 | 24.2 | 22.9 | 27.9 | 80 | .. | 7.3 | .. | 8.3 | 0 | 1 | 24 | 00 | 2 | 1 | 3 | 2 | 6 | 11 | 0 | 5 | 0 |
| | 0830 | 230 | 1001.5 | 976.1 | +1.4 | 29.5 | 25.0 | 22.9 | 27.9 | 71 | + 7 | 6.2 | +0.7 | 13.0 | 0 | 5 | 23 | 00 | 0 | 1 | 3 | 3 | 6 | 15 | 0 | 2 | 0 |
| | 1130 | 230 | 1000.3 | 975.2 | .. | 32.8 | 25.7 | 22.5 | 27.3 | 58 | .. | 6.2 | .. | 15.1 | 0 | 9 | 20 | 00 | 0 | 2 | 2 | 1 | 5 | 18 | 1 | 1 | 0 |
| | 1430 | 230 | 997.6 | 972.8 | .. | 34.4 | 25.7 | 21.7 | 25.9 | 53 | .. | 6.2 | .. | 14.6 | 0 | 11 | 16 | 00 | 0 | 1 | 1 | 3 | 8 | 11 | 3 | 3 | 0 |
| | 1730 | 230 | 997.5 | 972.4 | +1.4 | 31.6 | 25.1 | 22.1 | 26.6 | 60 | + 8 | 6.7 | +0.3 | 11.7 | 0 | 7 | 18 | 00 | 1 | 0 | 4 | 2 | 7 | 10 | 1 | 5 | 0 |
| | 2030 | 230 | 1000.1 | 974.7 | .. | 28.9 | 24.7 | 22.7 | 27.6 | 73 | .. | 7.1 | .. | 12.8 | 0 | 2 | 26 | 00 | 3 | 2 | 2 | 4 | 9 | 7 | 1 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 2330 | 230 | 1000.9 | 975.3 | .. | 27.8 | 24.5 | 22.9 | 27.9 | 78 | .. | 6.5 | .. | 7.8 | 0 | 0 | 23 | 00 | 0 | 1 | 3 | 6 | 5 | 6 | 2 | 7 | 0 |
| Keonjhargarh | 0830 | 463 | 1000.3 | 949.8 | -0.7 | 27.8 | 24.2 | 22.7 | 27.6 | 75 | + 6 | 5.6 | +0.5 | 2.5 | 0 | 0 | 27 | 02 | 0 | 0 | 4 | 0 | 9 | 10 | 2 | 3 | 0 |
| | 1730 | 463 | 998.5 | 948.5 | +0.6 | 29.9 | 24.8 | 22.7 | 27.6 | 69 | + 6 | 5.5 | -1.0 | 1.7 | 0 | 0 | 26 | 01 | 0 | 3 | 0 | 2 | 0 | 19 | 1 | 4 | 0 |
| Balasore | 0830 | 20 | 1000.9 | 998.7 | +0.8 | 29.4 | 26.7 | 25.5 | 32.6 | 80 | + 2 | 6.8 | +0.1 | 10.6 | 0 | 5 | 22 | 02 | 3 | 0 | 1 | 3 | 16 | 1 | 1 | 3 | 0 |
| | 1730 | 20 | 998.0 | 995.8 | +0.8 | 30.6 | 26.8 | 25.2 | 32.1 | 75 | - 2 | 6.7 | +0.0 | 10.2 | 0 | 1 | 26 | 01 | 1 | 1 | 2 | 9 | 12 | 1 | 0 | 3 | 0 |
| Sambalpur | 0830 | 148 | 1001.4 | 985.1 | +1.0 | 29.9 | 25.4 | 23.3 | 28.6 | 71 | + 2 | 4.7 | -0.8 | 3.7 | 0 | 0 | 26 | 01 | 0 | 1 | 1 | 3 | 12 | 8 | 0 | 4 | 0 |
| | 1730 | 148 | 999.5 | 983.4 | +2.1 | 31.3 | 25.6 | 23.1 | 28.3 | 66 | + 9 | 6.1 | +0.0 | 3.1 | 0 | 0 | 27 | 02 | 0 | 1 | 2 | 2 | 14 | 6 | 0 | 3 | 0 |
| Angul | 0830 | 139 | 1001.7 | 986.3 | +1.1 | 30.0 | 25.9 | 24.1 | 30.0 | 72 | + 1 | 7.1 | +1.1 | 4.3 | 0 | 0 | 26 | 00 | 1 | 0 | 1 | 5 | 0 | 13 | 6 | 4 | 0 |
| | 1730 | 139 | 998.3 | 983.1 | +1.5 | 32.5 | 26.7 | 24.2 | 30.2 | 65 | + 8 | 7.7 | +1.3 | 4.6 | 0 | 0 | 30 | 03 | 0 | 1 | 2 | 7 | 3 | 12 | 2 | 0 | 0 |
| Chandbali | 0830 | 6 | 1001.9 | 1001.1 | +1.3 | 29.3 | 26.4 | 25.1 | 31.9 | 80 | + 1 | 6.5 | +0.9 | 9.9 | 0 | 4 | 26 | 00 | 1 | 0 | 2 | 6 | 18 | 2 | 1 | 0 | 0 |
| | 1730 | 6 | 999.2 | 998.5 | +1.6 | 30.0 | 26.9 | 25.7 | 33.0 | 76 | + 1 | 7.0 | +1.6 | 11.9 | 0 | 4 | 26 | 00 | 2 | 4 | 9 | 3 | 10 | 1 | 1 | 0 | 0 |
| Bolangir | 0830 | 190 | 1002.1 | 981.0 | +1.0 | 29.4 | 26.1 | 24.7 | 31.1 | 78 | + 5 | 6.2 | +0.9 | 6.2 | 0 | 0 | 29 | 00 | 0 | 3 | 1 | 16 | 9 | 0 | 0 | 1 | 0 |
| | 1730 | 190 | 998.6 | 977.7 | +0.6 | 31.5 | 26.5 | 24.4 | 30.5 | 70 | + 8 | 6.9 | +0.6 | 8.6 | 0 | 2 | 28 | 01 | 1 | 3 | 3 | 15 | 7 | 0 | 0 | 0 | 0 |
| Phulbani | 0830 | 464 | 1000.3 | 949.8 | .. | 27.9 | 23.9 | 22.2 | 26.7 | 74 | .. | 5.4 | .. | 1.9 | 0 | 0 | 15 | 02 | 0 | 0 | 0 | 0 | 5 | 8 | 0 | 15 | 0 |
| | 1730 | 464 | 997.0 | 946.9 | .. | 29.9 | 24.1 | 21.6 | 25.8 | 65 | .. | 6.3 | .. | 0.9 | 0 | 0 | 11 | 01 | 0 | 0 | 2 | 1 | 4 | 2 | 1 | 19 | 0 |
| Cuttack | 0830 | 27 | 1002.2 | 999.3 | +1.5 | 29.3 | 26.4 | 25.2 | 32.0 | 79 | + 3 | 6.3 | +1.2 | 10.5 | 0 | 2 | 27 | 00 | 0 | 2 | 0 | 4 | 12 | 9 | 2 | 1 | 0 |
| | 1730 | 27 | 999.2 | 996.2 | +1.6 | 31.8 | 27.2 | 25.3 | 32.2 | 70 | + 1 | 6.5 | +0.3 | 11.2 | 0 | 5 | 23 | 00 | 0 | 1 | 2 | 6 | 10 | 7 | 2 | 2 | 0 |
| Titilagarh | 0830 | 211 | 1002.8 | 979.4 | +2.0 | 28.3 | 25.0 | 23.5 | 28.9 | 77 | +13 | 4.9 | +0.1 | 2.0 | 0 | 0 | 30 | 00 | 2 | 0 | 8 | 0 | 18 | 0 | 2 | 0 | 0 |
| | 1730 | 211 | 1001.7 | 978.5 | +4.7 | 31.4 | 25.7 | 23.1 | 28.3 | 65 | +14 | 4.6 | -0.1 | 2.0 | 0 | 0 | 30 | 02 | 3 | 0 | 11 | 0 | 11 | 1 | 2 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1000.5 | 995.3 | .. | 27.0 | 25.6 | 25.0 | 31.7 | 89 | .. | 5.9 | .. | 12.9 | 0 | 8 | 20 | 00 | 0 | 1 | 1 | 5 | 19 | 2 | 0 | 2 | 0 |
| | 0530 | 46 | 1000.7 | 995.5 | .. | 26.9 | 25.6 | 25.1 | 31.9 | 90 | .. | 6.4 | .. | 13.0 | 0 | 9 | 21 | 01 | 0 | 2 | 0 | 5 | 17 | 4 | 1 | 0 | 0 |
| | 0830 | 46 | 1002.1 | 997.0 | +1.5 | 29.6 | 26.3 | 24.9 | 31.5 | 74 | - 4 | 6.3 | +0.2 | 16.9 | 0 | 12 | 18 | 00 | 1 | 0 | 3 | 2 | 19 | 3 | 2 | 0 | 0 |
| | 1130 | 46 | 1001.4 | 996.3 | .. | 32.3 | 26.5 | 24.0 | 29.8 | 64 | .. | 6.4 | .. | 16.9 | 0 | 12 | 18 | 00 | 0 | 1 | 1 | 3 | 18 | 3 | 4 | 0 | 0 |
| | 1430 | 46 | 999.4 | 994.3 | .. | 32.5 | 26.5 | 23.9 | 29.7 | 63 | .. | 6.6 | .. | 18.7 | 0 | 11 | 19 | 01 | 0 | 2 | 1 | 4 | 14 | 5 | 3 | 0 | 0 |
| | 1730 | 46 | 999.2 | 994.0 | +1.3 | 30.4 | 26.4 | 24.7 | 31.1 | 71 | + 0 | 6.9 | +0.7 | 19.3 | 0 | 13 | 17 | 00 | 0 | 1 | 2 | 5 | 18 | 3 | 1 | 0 | 0 |
| | 2030 | 46 | 1001.5 | 996.3 | .. | 28.4 | 26.1 | 25.1 | 31.7 | 83 | .. | 6.3 | .. | 17.8 | 0 | 10 | 20 | 00 | 0 | 1 | 1 | 4 | 19 | 1 | 4 | 0 | 0 |
| | 2330 | 46 | 1001.7 | 996.6 | .. | 27.4 | 25.7 | 24.9 | 31.5 | 87 | .. | 6.1 | .. | 16.1 | 0 | 10 | 19 | 00 | 0 | 1 | 1 | 3 | 18 | 6 | 0 | 1 | 0 |
| Puri | 0830 | 6 | 1002.5 | 1001.8 | +1.5 | 29.3 | 27.1 | 26.2 | 34.0 | 83 | + 1 | 6.5 | +0.6 | 14.7 | 0 | 10 | 16 | 00 | 1 | 0 | 2 | 2 | 20 | 0 | 1 | 4 | 0 |
| | 1730 | 6 | 1000.2 | 999.5 | +2.2 | 29.3 | 27.0 | 26.1 | 33.8 | 86 | + 1 | 4.8 | -1.1 | 11.5 | 0 | 3 | 27 | 00 | 1 | 0 | 2 | 4 | 21 | 2 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1001.3 | 999.4 | .. | 27.1 | 25.9 | 25.4 | 32.4 | 91 | .. | 6.9 | .. | 15.3 | 0 | 11 | 9 | 00 | 1 | 0 | 0 | 5 | 13 | 0 | 1 | 10 | 0 |
| | 0830 | 17 | 1002.7 | 1000.8 | +1.7 | 28.3 | 26.5 | 25.8 | 33.2 | 86 | + 6 | 7.0 | +1.3 | 17.0 | 0 | 11 | 17 | 01 | 1 | 0 | 2 | 9 | 13 | 2 | 0 | 2 | 0 |
| | 1130 | 17 | 1002.3 | 1000.4 | .. | 29.7 | 27.1 | 26.1 | 33.8 | 81 | .. | 6.5 | .. | 20.0 | 0 | 14 | 16 | 00 | 1 | 1 | 3 | 7 | 17 | 0 | 1 | 0 | 0 |
| | 1730 | 17 | 1000.0 | 998.1 | +1.8 | 28.5 | 26.5 | 25.9 | 33.4 | 86 | + 2 | 7.3 | +1.6 | 22.1 | 0 | 17 | 10 | 00 | 1 | 1 | 2 | 6 | 14 | 2 | 1 | 3 | 0 |
| | 2330 | 17 | 1002.3 | 1000.4 | .. | 27.6 | 26.3 | 25.7 | 33.0 | 90 | .. | 6.9 | .. | 16.9 | 0 | 10 | 15 | 00 | 1 | 0 | 1 | 5 | 17 | 1 | 0 | 5 | 0 |
| Koraput | 0830 | 913 | 1465.1 | 905.7 | +1.5 | 23.5 | 21.3 | 20.2 | 23.7 | 82 | + 5 | 7.5 | +2.0 | 10.6 | 0 | 1 | 29 | 01 | 0 | 0 | 5 | 2 | 21 | 1 | 0 | 0 | 0 |
| | 1730 | 913 | 1453.9 | 904.3 | +2.5 | 24.6 | 21.9 | 20.7 | 24.4 | 78 | +11 | 7.0[J] | +1.0 | 9.5[J] | 0 | 0 | 21 | 01 | 1 | 1 | 0 | 1 | 4 | 13 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 999.7 | 983.3 | -0.2 | 30.7 | 25.9 | 23.8 | 29.5 | 70 | - 6 | 4.1 | +0.0 | 6.1 | 0 | 0 | 27 | 01 | 6 | 6 | 6 | 4 | 2 | 0 | 2 | 3 | 0 |
| | 1730 | 149 | 996.5 | 980.3 | +0.1 | 32.7 | 26.1 | 23.2 | 28.4 | 62 | - 8 | 4.6 | -0.6 | 6.5 | 0 | 0 | 26 | 00 | 5 | 6 | 4 | 2 | 6 | 3 | 0 | 4 | 0 |
| Daltonganj | 0830 | 221 | 999.1 | 974.9 | +0.1 | 32.5 | 25.8 | 22.7 | 27.6 | 60 | + 4 | 3.3 | -1.4 | 4.1 | 0 | 0 | 30 | 01 | 1 | 1 | 1 | 1 | 8 | 11 | 6 | 0 | 0 |
| | 1730 | 221 | 995.7 | 971.9 | +0.8 | 34.3 | 25.4 | 21.1 | 25.0 | 54 | + 6 | 5.7 | -1.3 | 4.8 | 0 | 0 | 29 | 01 | 2 | 1 | 4 | 0 | 9 | 7 | 4 | 1 | 1 |
| Hazaribagh | 0830 | 611 | 999.7 | 933.8 | +0.5 | 28.7 | 23.1 | 20.5 | 24.1 | 65 | + 0 | 6.6 | +0.5 | 13.5 | 0 | 3 | 27 | 05 | 2 | 2 | 1 | 3 | 6 | 2 | 9 | 0 | 0 |
| | 1730 | 611 | 995.9 | 930.8 | +0.4 | 31.3 | 22.9 | 18.9 | 21.8 | 54 | - 5 | 6.9 | +0.1 | 11.9 | 0 | 6 | 23 | 03 | 5 | 2 | 4 | 1 | 2 | 3 | 9 | 1 | 0 |
| Dhanbad | 0830 | 257 | 999.6 | 971.3 | -0.4 | 30.3 | 25.0 | 22.5 | 27.3 | 67 | - 3 | 3.5 | -1.2 | 3.9 | 0 | 0 | 23 | 01 | 5 | 2 | 4 | 1 | 1 | 2 | 3 | 7 | 4 |
| | 1730 | 257 | 996.0 | 968.0 | .. | 32.6 | 25.3 | 21.7 | 25.9 | 60 | .. | 3.7 | .. | 3.7 | 0 | 0 | 19 | 03 | 1 | 2 | 0 | 1 | 0 | 5 | 1 | 11 | 6 |
| Ranchi | 0830 | 655 | 999.6 | 928.1 | -0.6 | 24.0 | 18.4 | 15.0 | 17.0 | 59 | - 8 | 3.6 | -1.5 | 1.7 | 0 | 0 | 26 | 06 | 3 | 0 | 1 | 1 | 0 | 3 | 12 | 4 | 0 |
| | 1730 | 655 | 997.1 | 926.8 | +1.6 | 28.3 | 21.7 | 18.3 | 21.0 | 56 | - 6 | 6.3 | -1.0 | 1.7 | 0 | 0 | 26 | 08 | 3 | 0 | 0 | 1 | 2 | 2 | 10 | 4 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 999.0 | 928.2 | .. | 25.2 | 22.4 | 21.1 | 25.0 | 77 | .. | 5.2 | .. | 9.1 | 0 | 2 | 18 | 00 | 0 | 0 | 1 | 3 | 7 | 5 | 4 | 10 | 0 |
| | 0830 | 652 | 999.7 | 929.5 | +0.2 | 28.1 | 23.4 | 21.3 | 25.3 | 70 | + 1 | 4.9 | -0.5 | 16.7 | 0 | 12 | 16 | 03 | 3 | 1 | 1 | 2 | 7 | 7 | 4 | 2 | 0 |
| | 1130 | 652 | 998.7 | 929.1 | .. | 30.1 | 23.5 | 20.5 | 24.1 | 60 | .. | 5.6 | .. | 20.7 | 0 | 16 | 9 | 03 | 3 | 3 | 0 | 3 | 5 | 4 | 6 | 3 | 0 |
| | 1430 | 652 | 996.4 | 927.1 | .. | 31.4 | 23.6 | 20.0 | 23.4 | 57 | .. | 6.5 | .. | 20.5 | 0 | 17 | 9 | 02 | 2 | 1 | 2 | 1 | 4 | 6 | 8 | 4 | 0 |
| | 1730 | 652 | 996.4 | 926.7 | +0.1 | 29.2 | 23.1 | 20.3 | 23.8 | 63 | + 2 | 6.7 | +0.6 | 15.2 | 0 | 8 | 16 | 01 | 3 | 1 | 3 | 2 | 5 | 5 | 4 | 6 | 0 |
| | 2030 | 652 | 998.7 | 928.4 | .. | 27.1 | 22.7 | 20.7 | 24.4 | 70 | .. | 5.6 | .. | 10.2 | 0 | 5 | 16 | 01 | 3 | 2 | 1 | 2 | 6 | 2 | 4 | 9 | 0 |
| Jamshedpur | 0830 | 129 | 999.8 | 985.6 | +0.0 | 30.2 | 25.4 | 23.2 | 28.4 | 69 | - 1 | 4.8 | -0.4 | 4.5 | 0 | 0 | 28 | 00 | 1 | 1 | 1 | 1 | 6 | 16 | 2 | 2 | 0 |
| | 1730 | 129 | 996.7 | 982.6 | +0.4 | 32.3 | 25.4 | 22.3 | 26.9 | 61 | + 1 | 5.8 | -0.6 | 7.2 | 0 | 3 | 23 | 01 | 2 | 3 | 3 | 2 | 6 | 7 | 2 | 4 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 999.2 | 983.5 | .. | 27.6 | 24.8 | 23.5 | 28.9 | 80 | .. | 6.0 | .. | 4.3 | 0 | 0 | 21 | 00 | 6 | 0 | 0 | 2 | 7 | 3 | 3 | 9 | 0 |
| | 0830 | 142 | 1000.4 | 984.8 | +0.8 | 30.3 | 25.3 | 23.0 | 28.1 | 69 | - 1 | 5.5 | -0.4 | 6.9 | 0 | 0 | 28 | 01 | 1 | 1 | 4 | 2 | 13 | 5 | 1 | 2 | 0 |
| | 1130 | 142 | 999.4 | 983.9 | .. | 32.9 | 25.9 | 22.7 | 27.6 | 60 | .. | 5.5 | .. | 8.0 | 0 | 0 | 28 | 00 | 2 | 1 | 2 | 6 | 8 | 7 | 2 | 2 | 0 |
| | 1430 | 142 | 997.0 | 981.6 | .. | 34.2 | 26.1 | 22.5 | 27.3 | 55 | .. | 5.8 | .. | 7.9 | 0 | 1 | 28 | 01 | 2 | 4 | 2 | 5 | 7 | 4 | 4 | 1 | 0 |
| | 1730 | 142 | 996.8 | 981.3 | +0.4 | 31.9 | 25.3 | 22.3 | 26.9 | 63 | + 2 | 6.8 | -0.1 | 7.2 | 0 | 0 | 27 | 00 | 5 | 4 | 1 | 1 | 7 | 3 | 6 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| BIHAR PLATEAU (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 2030 | 142 | 999.2 | 983.6 | .. | 29.5 | 25.0 | 22.9 | 27.9 | 72 | .. | 6.4 | .. | 5.9 | 0 | 0 | 24 | 00 | 2 | 2 | 5 | 2 | 9 | 3 | 1 | 6 | 0 |
| | 2330 | 142 | 999.8 | 984.1 | .. | 28.6 | 25.0 | 23.4 | 28.8 | 76 | .. | 5.8 | .. | 4.5 | 0 | 0 | 23 | 00 | 2 | 5 | 2 | 0 | 7 | 5 | 2 | 7 | 0 |
| Chaibasa | 0830 | 226 | 1000.4 | 975.4 | +0.6 | 29.9 | 24.9 | 22.6 | 27.4 | 68 | - 2 | 5.4 | -1.0 | 4.5 | 0 | 0 | 24 | 01 | 2 | 0 | 2 | 0 | 17 | 1 | 1 | 6 | 0 |
| | 1730 | 226 | 996.9 | 972.1 | +0.7 | 31.4 | 24.8 | 21.7 | 25.9 | 63 | + 0 | 7.5 | +0.3 | 4.1 | 0 | 0 | 26 | 00 | 2 | 0 | 3 | 0 | 17 | 0 | 4 | 4 | 0 |
| BIHAR PLAINS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1000.4 | 993.1 | +0.5 | 30.0 | 26.4 | 24.9 | 31.5 | 74 | - 2 | 3.6 | -1.2 | 5.0 | 0 | 0 | 26 | 00 | 6 | 17 | 4 | 1 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 66 | 996.5 | 989.2 | +0.0 | 33.6 | 27.6 | 25.2 | 32.1 | 63 | - 4 | 2.7[b] | -1.0 | 4.4[b] | 0 | 0 | 24 | 07 | 2 | 10 | 3 | 0 | 1 | 1 | 0 | 5 | 0 |
| Forbesganj | 0830 | 61 | 1001.3 | 994.5 | +0.2 | 28.9 | 25.1 | 23.4 | 28.8 | 73 | - 9 | 5.4 | -0.8 | 7.4 | 0 | 0 | 29 | 00 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 61 | 997.2 | 990.5 | +0.0 | 31.9 | 26.1 | 23.5 | 28.9 | 63 | - 8 | 2.7 | -2.4 | 6.1 | 0 | 0 | 29 | 00 | 0 | 28 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Darbhanga | 0830 | 49 | 1001.7 | 996.4 | +1.6 | 32.1 | 27.0 | 24.9 | 31.5 | 66 | -11 | 3.1 | -2.2 | 3.1 | 0 | 0 | 26 | 00 | 8 | 13 | 3 | 1 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | 49 | 997.7 | 992.3 | +1.3 | 34.9 | 27.3 | 24.1 | 30.0 | 56 | -10 | 2.6 | -1.3 | 4.5 | 0 | 0 | 24 | 01 | 10 | 10 | 3 | 0 | 0 | 0 | 0 | 6 | 0 |
| Chapra | 0830 | 58 | 1000.1 | 993.7 | .. | 31.8 | 26.2 | 23.8 | 29.5 | 66 | .. | 3.0 | .. | 5.3 | 0 | 0 | 30 | 01 | 21 | 1 | 3 | 0 | 2 | 0 | 2 | 0 | 0 |
| | 1730 | 58 | 996.2 | 989.9 | .. | 37.1 | 26.3 | 21.3 | 25.3 | 43 | .. | 3.0 | .. | 5.0 | 0 | 0 | 29 | 02 | 17 | 1 | 2 | 0 | 4 | 0 | 3 | 1 | 0 |
| Purnea | 0830 | 38 | 1000.9 | 996.8 | +0.3 | 28.8 | 26.1 | 24.9 | 31.5 | 80 | - 1 | 4.7 | -1.2 | 2.5 | 0 | 0 | 29 | 00 | 1 | 28 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 38 | 997.1 | 992.9 | +0.1 | 31.9 | 26.7 | 24.5 | 30.7 | 67 | - 7 | 4.2 | -0.5 | 3.5 | 0 | 0 | 29 | 00 | 6 | 21 | 1 | 0 | 1 | 0 | 0 | 1 | 0 |
| Patna | 0830 | 53 | 1000.1 | 994.2 | +0.6 | 31.0 | 25.9 | 23.7 | 29.3 | 67 | - 4 | 3.5 | -1.4 | 7.7 | 0 | 1 | 29 | 01 | 16 | 5 | 2 | 0 | 0 | 5 | 1 | 0 | 0 |
| | 1730 | 53 | 995.7 | 989.9 | +0.0 | 36.7 | 26.0 | 20.9 | 24.7 | 44 | -13 | 3.4[c] | -1.3 | 7.9 | 0 | 0 | 28 | 00 | 14 | 3 | 0 | 0 | 3 | 8 | 0 | 2 | 0 |
| Patna Aerodrome | 0530 | 60 | 998.8 | 992.1 | .. | 28.2 | 25.3 | 24.1 | 30.0 | 79 | .. | 4.1 | .. | 6.1 | 0 | 0 | 22 | 00 | 5 | 15 | 0 | 0 | 0 | 2 | 0 | 8 | 0 |
| | 0830 | 60 | 1000.0 | 993.3 | +0.6 | 31.9 | 25.7 | 22.9 | 27.9 | 60 | -12 | 4.4 | -0.3 | 11.5 | 0 | 1 | 28 | 00 | 3 | 15 | 3 | 1 | 1 | 3 | 1 | 1 | 2 |
| | 1130 | 60 | 999.1 | 992.6 | .. | 35.8 | 25.8 | 21.1 | 25.0 | 46 | .. | 4.1 | .. | 14.0 | 0 | 5 | 24 | 02 | 7 | 7 | 1 | 1 | 0 | 4 | 3 | 1 | 4 |
| | 1430 | 60 | 996.5 | 990.0 | .. | 37.8 | 25.9 | 20.2 | 23.7 | 40 | .. | 4.2 | .. | 14.9 | 0 | 8 | 22 | 03 | 8 | 4 | 1 | 0 | 2 | 7 | 4 | 0 | 1 |
| | 1730 | 60 | 995.6 | 989.1 | +0.3 | 37.1 | 25.5 | 19.8 | 23.1 | 41 | -13 | 3.5 | -0.8 | 11.7 | 0 | 1 | 28 | 01 | 5 | 10 | 2 | 0 | 2 | 4 | 4 | 1 | 1 |
| | 2030 | 60 | 997.8 | 991.3 | .. | 33.8 | 25.5 | 21.6 | 25.8 | 53 | .. | 3.3 | .. | 9.0 | 0 | 1 | 25 | 01 | 5 | 12 | 1 | 2 | 2 | 3 | 0 | 4 | 0 |
| | 2330 | 60 | 999.0 | 992.4 | .. | 31.0 | 25.4 | 22.9 | 27.9 | 45 | .. | 3.9 | .. | 9.9 | 0 | 1 | 26 | 00 | 1 | 15 | 4 | 2 | 1 | 3 | 1 | 3 | 0 |
| Bhagalpur | 0530 | 49 | 999.3 | 993.8 | .. | 27.3 | 25.4 | 24.5 | 30.7 | 84 | .. | 6.3 | .. | 5.7 | 0 | 1 | 29 | 01 | 8 | 14 | 6 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 49 | 1000.4 | 995.0 | +0.2 | 30.9 | 26.5 | 24.6 | 30.9 | 70 | - 6 | 6.2 | +0.7 | 5.6 | 0 | 0 | 30 | 00 | 7 | 14 | 6 | 0 | 2 | 0 | 1 | 0 | 0 |
| | 1130 | 49 | 1000.0 | 994.6 | .. | 34.1 | 26.8 | 23.7 | 29.3 | 57 | .. | 5.8 | .. | 7.5 | 0 | 2 | 27 | 01 | 4 | 12 | 3 | 0 | 5 | 1 | 3 | 1 | 0 |
| | 1730 | 49 | 996.6 | 991.2 | +0.1 | 33.7 | 26.4 | 23.1 | 28.3 | 57 | - 9 | 5.1 | -0.2 | 7.9 | 0 | 1 | 29 | 00 | 5 | 13 | 10 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 2330 | 49 | 999.8 | 994.3 | .. | 29.1 | 26.1 | 24.8 | 31.3 | 78 | .. | 5.0 | .. | 6.5 | 0 | 1 | 28 | 00 | 1 | 19 | 7 | 1 | 1 | 0 | 0 | 1 | 0 |
| Sabaur | 0830 | 37 | 1000.4 | 996.2 | +0.2 | 30.0 | 27.2 | 26.1 | 33.8 | 79 | + 0 | 6.0 | +0.3 | 9.3 | 0 | 0 | 30 | 02 | 3 | 20 | 0 | 1 | 2 | 1 | 1 | 0 | 0 |
| | 1730 | 37 | 996.4 | 992.3 | +0.0 | 34.3 | 27.8 | 25.1 | 31.9 | 62 | - 9 | 5.5 | -0.1 | 12.7 | 0 | 5 | 25 | 06 | 2 | 14 | 6 | 0 | 1 | 1 | 0 | 0 | 0 |
| Jamui | 0830 | 82 | .. | .. | .. | 34.1 | 27.0 | 24.0 | 29.8 | 59 | - 8 | 0.7 | -4.0 | 2.5[b] | 0 | 0 | 29 | 00 | 6 | 5 | 0 | 8 | 0 | 5 | 4 | 1 | 0 |
| | 1730 | 82 | .. | .. | .. | 36.2 | 27.2 | 23.3 | 28.6 | 49 | -10 | 0.5 | -4.7 | 2.8[c] | 0 | 0 | 26 | 00 | 0 | 9 | 1 | 11 | 0 | 4 | 1 | 0 | 0 |
| Dehri | 0830 | 107 | 999.0 | 987.2 | +0.4 | 33.1 | 25.7 | 22.3 | 26.9 | 57 | - 5 | 4.4 | +0.2 | 4.3 | 0 | 0 | 30 | 01 | 1 | 5 | 5 | 4 | 3 | 6 | 5 | 0 | 0 |
| | 1730 | 107 | 995.0 | 983.5 | +0.4 | 36.4 | 25.9 | 20.9 | 24.7 | 46 | - 2 | 4.4 | -0.3 | 5.3 | 0 | 0 | 30 | 03 | 3 | 2 | 2 | 1 | 4 | 15 | 0 | 0 | 0 |
| Gaya | 0230 | 116 | 998.3 | 985.5 | .. | 30.0 | 24.2 | 21.4 | 25.5 | 65 | .. | 3.3 | .. | 8.2 | 0 | 2 | 26 | 01 | 5 | 6 | 3 | 4 | 5 | 3 | 1 | 2 | 0 |
| | 0530 | 116 | 998.6 | 985.7 | .. | 29.1 | 24.1 | 21.7 | 25.9 | 67 | .. | 4.3 | .. | 9.9 | 0 | 2 | 26 | 02 | 4 | 4 | 3 | 1 | 8 | 5 | 1 | 2 | 0 |
| | 0830 | 116 | 999.9 | 987.1 | +0.9 | 32.9 | 25.5 | 22.1 | 26.6 | 58 | + 1 | 4.1 | -0.2 | 16.0 | 0 | 9 | 20 | 01 | 5 | 6 | 0 | 1 | 6 | 8 | 2 | 1 | 0 |
| | 1130 | 116 | 999.2 | 986.5 | .. | 36.0 | 25.7 | 20.8 | 24.6 | 47 | .. | 4.3 | .. | 16.5 | 0 | 11 | 19 | 01 | 7 | 5 | 1 | 0 | 2 | 6 | 8 | 0 | 0 |
| | 1430 | 116 | 996.5 | 984.0 | .. | 37.5 | 25.4 | 19.3 | 22.6 | 41 | .. | 4.2 | .. | 18.2 | 0 | 10 | 20 | 04 | 5 | 5 | 0 | 0 | 1 | 9 | 6 | 0 | 0 |
| | 1730 | 116 | 995.6 | 983.1 | +0.6 | 37.1 | 25.5 | 19.8 | 23.1 | 40 | - 7 | 4.3 | -0.7 | 15.8 | 0 | 9 | 20 | 03 | 3 | 6 | 2 | 2 | 1 | 6 | 6 | 1 | 0 |
| | 2030 | 116 | 997.9 | 985.2 | .. | 32.9 | 24.8 | 20.9 | 24.7 | 53 | .. | 4.1 | .. | 11.7 | 0 | 5 | 23 | 00 | 2 | 6 | 3 | 3 | 6 | 4 | 4 | 2 | 0 |
| | 2330 | 116 | 999.0 | 986.1 | .. | 31.2 | 24.5 | 21.3 | 25.3 | 60 | .. | 4.2 | .. | 9.4 | 0 | 0 | 28 | 00 | 3 | 6 | 4 | 0 | 9 | 5 | 1 | 2 | 0 |
| UTTAR PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 999.8 | 986.1 | +0.6 | 30.9 | 26.0 | 23.7 | 29.3 | 69 | + 1 | 4.0 | +0.4 | 10.9 | 0 | 3 | 24 | 00 | 1 | 7 | 15 | 0 | 0 | 1 | 3 | 3 | 0 |
| | 1730 | 124 | 995.0 | 981.8 | +0.2 | 35.9 | 26.5 | 21.4 | 25.5 | 53 | + 2 | 4.1 | +1.0 | 10.1 | 0 | 7 | 14 | 00 | 2 | 0 | 8 | 0 | 2 | 3 | 6 | 9 | 0 |
| Nautanwa | 0830 | 99 | 999.3 | 988.3 | -1.2 | 30.5 | 25.7 | 23.5 | 28.9 | 69 | - 3 | 3.9 | +0.1 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 995.3 | 984.3 | -1.3 | 35.0 | 25.6 | 20.4 | 23.9 | 50 | - 8 | 2.9 | +0.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 999.5 | 983.8 | +1.1 | 31.6 | 24.5 | 21.1 | 25.0 | 58 | - 4 | 3.0 | -0.1 | 4.5 | 0 | 0 | 29 | 04 | 0 | 11 | 3 | 2 | 1 | 5 | 3 | 1 | 0 |
| | 1730 | 142 | 996.0 | 980.3 | +1.5 | 35.9 | 25.3 | 19.4 | 22.5 | 47 | + 4 | 2.9 | +0.3 | 5.1 | 0 | 0 | 30 | 04 | 0 | 7 | 3 | 2 | 2 | 7 | 5 | 0 | 0 |
| Gonda | 0830 | 110 | 1000.2 | 988.1 | +1.0 | 31.7 | 25.4 | 22.4 | 27.1 | 63 | - 6 | 3.4 | -0.4 | 4.6 | 0 | 0 | 27 | 00 | 0 | 21 | 0 | 0 | 0 | 0 | 6 | 3 | 0 |
| | 1730 | 110 | 995.3 | 983.2 | +0.1 | 36.5 | 24.6 | 18.6 | 21.4 | 46 | - 5 | 3.2 | +0.0 | 3.5 | 0 | 0 | 22 | 00 | 0 | 8 | 0 | 0 | 0 | 4 | 10 | 8 | 0 |
| Lucknow | 0830 | 111 | 999.1 | 986.9 | +0.3 | 31.5 | 24.5 | 20.4 | 24.0 | 59 | - 2 | 3.6 | -0.4 | 3.1 | 0 | 1 | 11 | 00 | 0 | 1 | 0 | 0 | 0 | 8 | 1 | 18 | 2 |
| | 1730 | 111 | 994.9 | 982.9 | +0.1 | 36.1 | 24.7 | 16.8 | 19.1 | 45 | + 0 | 3.3 | +0.5 | 3.3 | 0 | 0 | 13 | 00 | 0 | 1 | 0 | 0 | 1 | 8 | 3 | 17 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 997.6 | 983.5 | .. | 29.4 | 22.7 | 18.2 | 20.9 | 55 | .. | 2.6 | .. | 4.3 | 0 | 0 | 16 | 02 | 0 | 1 | 3 | 1 | 1 | 6 | 2 | 14 | 0 |
| | 0530 | 128 | 998.0 | 983.8 | .. | 28.5 | 22.8 | 19.2 | 22.2 | 63 | .. | 4.5 | .. | 4.9 | 0 | 1 | 19 | 02 | 3 | 2 | 1 | 1 | 3 | 7 | 1 | 10 | 0 |
| | 0830 | 128 | 999.5 | 985.4 | +0.7 | 31.4 | 24.1 | 19.6 | 22.8 | 57 | - 3 | 4.2 | +0.7 | 10.3 | 0 | 4 | 23 | 01 | 4 | 8 | 4 | 1 | 0 | 4 | 5 | 3 | 0 |
| | 1130 | 128 | 999.0 | 985.1 | .. | 35.2 | 24.6 | 17.9 | 20.5 | 46 | .. | 4.3 | .. | 12.0 | 0 | 8 | 18 | 03 | 1 | 5 | 2 | 3 | 2 | 5 | 5 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST** (Contd.)..... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.)..... | 1430 | 128 | 996.7 | 982.9 | .. | 36.3 | 24.4 | 16.5 | 18.6 | 44 | .. | 4.1[c] | .. | 13.4 | 0 | 10 | 15 | 03 | 1 | 1 | 4 | 1 | 0 | 4 | 11 | 5 | 0 |
| | 1730 | 128 | 995.5 | 981.4 | +0.6 | 36.6 | 24.0 | 15.5 | 17.6 | 39 | - 2 | 3.8 | +0.3 | 10.0 | 0 | 7 | 17 | 02 | 1 | 0 | 4 | 1 | 3 | 5 | 8 | 6 | 0 |
| | 2030 | 128 | 997.0 | 983.0 | .. | 32.9 | 23.6 | 17.3 | 19.7 | 48 | .. | 3.1 | .. | 4.3 | 0 | 1 | 19 | 02 | 0 | 1 | 3 | 2 | 3 | 6 | 3 | 10 | 0 |
| | 2330 | 128 | 998.3 | 984.2 | .. | 30.6 | 23.3 | 18.5 | 21.3 | 56 | .. | 2.9 | .. | 4.1 | 0 | 1 | 16 | 00 | 1 | 3 | 0 | 3 | 3 | 5 | 2 | 13 | 0 |
| Faizabad ..... | 0830 | 102 | 999.1 | 987.9 | -0.4 | 31.3 | 25.2 | 22.6 | 27.4 | 64 | - 6 | 4.3 | -0.5 | 5.3 | 0 | 0 | 27 | 02 | 2 | 4 | 13 | 0 | 0 | 5 | 1 | 3 | 0 |
| | 1730 | 102 | 995.4 | 984.3 | -0.2 | 35.8 | 25.6 | 19.9 | 23.2 | 48 | - 4 | 3.6 | -0.9 | 5.8 | 0 | 0 | 25 | 01 | 2 | 3 | 4 | 0 | 3 | 11 | 1 | 5 | 0 |
| Gorakhpur ..... | 0830 | 77 | 999.6 | 991.3 | +0.4 | 31.9 | 26.1 | 23.2 | 28.4 | 63 | - 9 | 3.7 | -0.6 | 2.9 | 0 | 0 | 26 | 00 | 0 | 18 | 1 | 2 | 0 | 5 | 0 | 4 | 0 |
| | 1730 | 77 | 995.4 | 987.1 | +0.0 | 36.6 | 26.1 | 22.0 | 26.4 | 46 | - 9 | 3.3 | -0.3 | 2.3 | 0 | 0 | 21 | 02 | 1 | 3 | 1 | 2 | 0 | 10 | 2 | 9 | 0 |
| Gorakhpur (P.B.O.) ..... | 0230 | 78 | 998.0 | 989.3 | .. | 29.8 | 25.2 | 23.4 | 28.8 | 71 | .. | 3.0 | .. | 6.3 | 0 | 0 | 27 | 03 | 11 | 5 | 2 | 1 | 1 | 1 | 3 | 3 | 0 |
| | 0530 | 78 | 999.4 | 989.7 | .. | 28.3 | 24.9 | 23.4 | 28.8 | 77 | .. | 3.9 | .. | 6.2 | 0 | 0 | 29 | 03 | 10 | 9 | 3 | 1 | 1 | 2 | 0 | 1 | 0 |
| | 1130 | 78 | 999.1 | 990.5 | .. | 33.8 | 26.5 | 23.8 | 29.5 | 60 | .. | 4.3 | .. | 9.1 | 0 | 2 | 26 | 03 | 1 | 6 | 10 | 4 | 0 | 3 | 1 | 2 | 0 |
| | 1430 | 78 | 996.6 | 988.1 | .. | 35.5 | 26.6 | 23.2 | 28.4 | 54 | .. | 4.8 | .. | 8.8 | 0 | 2 | 26 | 03 | 1 | 2 | 7 | 6 | 0 | 8 | 1 | 2 | 0 |
| | 2030 | 78 | 997.7 | 988.5 | .. | 32.6 | 27.8 | 26.2 | 34.0 | 70 | .. | 2.8 | .. | 6.2 | 0 | 0 | 25 | 03 | 2 | 10 | 4 | 1 | 2 | 3 | 0 | 5 | 0 |
| | 2330 | 78 | 998.3 | 989.6 | .. | 32.3 | 27.4 | 25.8 | 33.2 | 69 | .. | 3.4 | .. | 7.7 | 0 | 1 | 24 | 01 | 8 | 6 | 3 | 1 | 4 | 1 | 1 | 5 | 0 |
| Kanpur ..... | 0830 | 126 | 999.7 | 985.8 | +0.9 | 31.4 | 25.0 | 21.6 | 25.8 | 62 | + 8 | 3.9 | +0.8 | 8.0 | 0 | 1 | 26 | 01 | 0 | 10 | 2 | 0 | 1 | 8 | 5 | 3 | 0 |
| | 1730 | 126 | 996.4 | 982.7 | +1.6 | 37.1 | 26.0 | 20.1 | 23.2 | 45 | + 7 | 3.9 | +1.0 | 8.3 | 0 | 0 | 29 | 01 | 0 | 4 | 4 | 1 | 0 | 2 | 17 | 1 | 0 |
| Kanpur (Aerodrome) ..... | 0530 | 126 | 998.2 | 984.2 | .. | 28.8 | 23.1 | 19.2 | 22.2 | 60 | .. | 4.3 | .. | 0.2 | 0 | 1 | 27 | 03 | 4 | 3 | 2 | 2 | 1 | 9 | 3 | 2 | 1 |
| | 0830 | 126 | 999.6 | 986.1 | .. | 32.3 | 24.6 | 20.5 | 24.1 | 57 | .. | 4.1 | .. | 11.1 | 0 | 2 | 26 | 03 | 2 | 1 | 6 | 1 | 5 | 3 | 6 | 2 | 1 |
| | 1130 | 126 | 999.4 | 985.5 | .. | 36.3 | 25.1 | 18.1 | 20.8 | 44 | .. | 3.8 | .. | 13.0 | 0 | 7 | 22 | 01 | 5 | 1 | 4 | 2 | 0 | 8 | 7 | 1 | 1 |
| | 1730 | 126 | 995.9 | 982.0 | .. | 36.9 | 24.7 | 16.6 | 18.9 | 42 | .. | 3.6 | .. | 13.3 | 0 | 5 | 25 | 03 | 1 | 2 | 6 | 1 | 0 | 3 | 14 | 0 | 0 |
| | 2330 | 126 | 998.4 | 984.2 | .. | 30.8 | 23.4 | 19.1 | 22.1 | 57 | .. | 2.8 | .. | 9.5 | 0 | 2 | 26 | 02 | 1 | 2 | 3 | 2 | 3 | 1 | 14 | 2 | 0 |
| Sultanpur ..... | 0830 | 97 | 999.4 | 988.7 | -2.1 | 32.1 | 25.1 | 21.5 | 25.6 | 58 | - 4 | 3.2 | -1.7 | 2.7 | 0 | 0 | 23 | 01 | 0 | 7 | 2 | 0 | 1 | 10 | 2 | 7 | 0 |
| | 1730 | 97 | 995.3 | 984.8 | -0.2 | 36.8 | 26.5 | 21.3 | 25.3 | 48 | - 1 | 3.6 | -0.1 | 3.5 | 0 | 0 | 27 | 02 | 2 | 5 | 0 | 0 | 2 | 10 | 6 | 3 | 0 |
| Azamgarh ..... | 0830 | 78 | 999.7 | 991.1 | +1.1 | 32.0 | 26.7 | 24.3 | 30.4 | 68 | - 4 | 2.6 | -1.1 | 6.0 | 0 | 0 | 27 | 01 | 0 | 13 | 1 | 2 | 0 | 10 | 0 | 3 | 0 |
| | 1730 | 78 | 995.3 | 986.9 | +0.5 | 36.6 | 28.2 | 24.6 | 30.9 | 57 | + 0 | 3.6 | +0.7 | 6.0 | 0 | 0 | 28 | 06 | 4 | 2 | 0 | 1 | 0 | 14 | 1 | 2 | 0 |
| Fatehpur ..... | 0830 | 114 | 999.8 | 987.3 | +1.3 | 32.3 | 25.3 | 21.4 | 25.5 | 60 | + 6 | 4.0 | +0.6 | 9.1 | 0 | 4 | 25 | 00 | 2 | 2 | 5 | 0 | 3 | 10 | 7 | 1 | 0 |
| | 1730 | 114 | 995.9 | 983.5 | +1.3 | 36.4 | 25.4 | 19.1 | 22.1 | 47 | + 6 | 3.7 | +0.2 | 12.2 | 0 | 6 | 22 | 04 | 2 | 1 | 3 | 0 | 4 | 3 | 11 | 2 | 0 |
| Ballia ..... | 0830 | 64 | 1000.7 | 993.7 | +0.8 | 32.5 | 25.6 | 21.8 | 26.1 | 59 | - 9 | 3.7 | +0.1 | 1.3 | 0 | 0 | 12 | 00 | 0 | 9 | 1 | 0 | 0 | 2 | 0 | 18 | 0 |
| | 1730 | 64 | 995.7 | 988.7 | +0.0 | 37.6 | 27.1 | 21.8 | 26.1 | 48 | + 1 | 4.0 | +0.7 | 3.5 | 0 | 0 | 22 | 00 | 3 | 5 | 2 | 1 | 0 | 7 | 4 | 8 | 0 |
| Banda ..... | 0830 | 121 | 1000.5 | 986.9 | +1.3 | 33.2 | 24.9 | 20.0 | 23.4 | 54 | + 0 | 3.5 | +0.8 | 3.2 | 0 | 0 | 23 | 00 | 2 | 0 | 3 | 2 | 13 | 2 | 1 | 7 | 0 |
| | 1730 | 121 | 996.7 | 983.5 | +1.9 | 35.4 | 25.0 | 18.4 | 21.1 | 49 | + 5 | 3.1 | -0.1 | 2.6 | 0 | 0 | 25 | 01 | 0 | 0 | 3 | 0 | 15 | 1 | 5 | 5 | 0 |
| Allahabad (Bamhrauli) ..... | 0230 | 98 | 998.3 | 987.2 | .. | 30.0 | 23.6 | 19.4 | 23.8 | 61 | .. | 3.1 | .. | 2.2 | 0 | 0 | 13 | 01 | 2 | 1 | 0 | 1 | 6 | 2 | 0 | 17 | 0 |
| | 0530 | 98 | 998.4 | 987.5 | .. | 28.9 | 23.7 | 20.5 | 24.1 | 66 | .. | 4.4 | .. | 2.4 | 0 | 0 | 14 | 01 | 2 | 0 | 1 | 2 | 5 | 3 | 0 | 16 | 0 |
| | 0830 | 98 | 999.9 | 989.1 | +1.1 | 32.5 | 25.1 | 20.6 | 24.3 | 57 | + 3 | 4.2 | +0.2 | 4.5 | 0 | 0 | 18 | 00 | 3 | 2 | 0 | 2 | 6 | 5 | 0 | 12 | 0 |
| | 1130 | 98 | 999.2 | 988.6 | .. | 36.7 | 25.5 | 19.2 | 22.2 | 45 | .. | 4.3 | .. | 6.7 | 0 | 2 | 25 | 01 | 4 | 0 | 2 | 0 | 6 | 10 | 4 | 3 | 0 |
| | 1430 | 98 | 996.9 | 986.4 | .. | 38.0 | 25.3 | 17.1 | 21.0 | 41 | .. | 3.8 | .. | 7.6 | 0 | 2 | 26 | 04 | 1 | 0 | 1 | 0 | 2 | 14 | 6 | 2 | 0 |
| | 1730 | 98 | 995.7 | 985.1 | +0.9 | 36.6 | 24.7 | 17.3 | 19.7 | 43 | + 5 | 3.9 | -0.2 | 6.5 | 0 | 2 | 25 | 03 | 3 | 1 | 1 | 0 | 4 | 11 | 4 | 3 | 0 |
| | 2030 | 98 | 997.6 | 986.5 | .. | 32.8 | 24.9 | 20.4 | 24.0 | 53 | .. | 3.8 | .. | 2.8 | 0 | 0 | 16 | 01 | 1 | 2 | 1 | 3 | 6 | 2 | 0 | 14 | 0 |
| | 2330 | 98 | 998.6 | 987.8 | .. | 30.9 | 24.2 | 19.9 | 23.2 | 55 | .. | 3.3 | .. | 2.1 | 0 | 0 | 14 | 00 | 2 | 0 | 1 | 1 | 6 | 2 | 2 | 16 | 0 |
| Varanasi (Babatpur) ..... | 0530 | 85 | 999.3 | 989.7 | .. | 29.3 | 24.1 | 20.9 | 24.7 | 67 | .. | 3.9 | .. | 8.9 | 0 | 1 | 24 | 01 | 4 | 6 | 0 | 4 | 3 | 7 | 0 | 5 | 0 |
| | 0830 | 85 | 1000.6 | 991.1 | +1.4 | 32.5 | 25.5 | 20.6 | 24.3 | 58 | - 3 | 3.5 | -0.3 | 12.9 | 0 | 5 | 23 | 00 | 3 | 6 | 1 | 2 | 4 | 12 | 0 | 2 | 0 |
| | 1130 | 85 | 999.7 | 990.4 | .. | 36.4 | 25.6 | 19.4 | 22.5 | 46 | .. | 3.7 | .. | 12.5 | 0 | 7 | 18 | 00 | 2 | 3 | 1 | 2 | 2 | 11 | 4 | 5 | 0 |
| | 1730 | 85 | 996.3 | 986.6 | +0.7 | 36.5 | 24.8 | 17.4 | 19.7 | 46 | + 1 | 3.6 | -0.3 | 12.1 | 0 | 3 | 26 | 02 | 2 | 2 | 1 | 1 | 2 | 12 | 7 | 1 | 0 |
| | 2330 | 85 | 999.4 | 990.0 | .. | 31.2 | 24.5 | 20.3 | 23.8 | 60 | .. | 3.5 | .. | 7.7 | 0 | 1 | 18 | 00 | 0 | 7 | 0 | 2 | 1 | 9 | 0 | 11 | 0 |
| Varanasi ..... | 0830 | 76 | 999.5 | 991.1 | +0.7 | 31.7 | 25.4 | 22.0 | 26.4 | 61 | + 2 | 3.6 | -0.7 | 2.6 | 0 | 0 | 28 | 00 | 4 | 1 | 2 | 0 | 2 | 19 | 0 | 2 | 0 |
| | 1730 | 76 | 995.3 | 986.6 | +0.3 | 36.0 | 25.0 | 19.3 | 22.4 | 46 | + 1 | 4.0 | -0.6 | 2.3 | 0 | 0 | 21 | 00 | 3 | 1 | 0 | 1 | 2 | 18 | 1 | 9 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim ..... | 0830 | | .. | .. | .. | 21.0 | 15.4 | 10.7 | 12.9 | 62 | + 0 | 5.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.6 | 16.4 | 11.0 | 13.1 | 59 | + 3 | 5.9 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri ..... | 0830 | 770 | 1010.4 | 926.8 | .. | 26.7 | 20.4 | 16.3 | 18.5 | 59 | + 5 | 4.0 | +1.6 | 2.4 | 0 | 0 | 22 | 09 | 1 | 1 | 0 | 2 | 1 | 3 | 5 | 8 | 0 |
| | 1130 | 770 | 1007.1 | 925.2 | .. | 32.6 | 22.3 | 14.9 | 16.9 | 44 | .. | 4.0 | .. | .. | . | .. | .. | 05 | 5 | 4 | 0 | 5 | 3 | 1 | 2 | 5 | 0 |
| | 1730 | 770 | 1002.9 | 921.6 | .. | 34.0 | 22.0 | 14.2 | 16.2 | 39 | + 3 | 4.2 | +0.3 | 7.9 | 0 | 3 | 21 | 01 | 0 | 3 | 1 | 7 | 2 | 6 | 4 | 6 | 0 |
| Dehra Dun ..... | 0530 | 682 | 999.0 | 924.7 | .. | 24.8 | 21.0 | 18.8 | 21.7 | 72 | .. | 4.9 | .. | 0.7 | 0 | 0 | 9 | 03 | 0 | 0 | 1 | 3 | 1 | 1 | 0 | 21 | 0 |
| | 0830 | 682 | 999.7 | 926.0 | +0.6 | 27.3 | 22.5 | 20.1 | 23.5 | 69 | +11 | 4.2 | +1.0 | 1.0 | 0 | 0 | 15 | 04 | 0 | 3 | 2 | 2 | 0 | 3 | 1 | 15 | 0 |
| | 1130 | 682 | 998.7 | 926.0 | .. | 31.7 | 24.4 | 21.0 | 24.9 | 60 | .. | 4.8 | .. | 2.3 | 0 | 0 | 20 | 01 | 0 | 2 | 2 | 2 | 3 | 9 | 1 | 10 | 0 |
| | 1730 | 682 | 994.1 | 922.6 | +0.5 | 33.4 | 25.4 | 21.8 | 26.1 | 56 | +13 | 4.2 | +1.1 | 4.2 | 0 | 1 | 20 | 01 | 0 | 1 | 1 | 3 | 5 | 9 | 1 | 9 | 0 |
| | 2330 | 682 | 998.5 | 924.8 | .. | 27.3 | 22.6 | 20.1 | 23.5 | 62 | .. | 3.6 | .. | 1.0 | 0 | 0 | 10 | 04 | 3 | 0 | 1 | 0 | 0 | 2 | 0 | 20 | 0 |
| Mansiari ..... | 0830 | | .. | .. | .. | 19.8 | 14.7 | 11.3 | 13.1 | 58 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 20.0 | 14.7 | 11.2 | 13.1 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee ..... | 0830 | 274 | 1000.7 | 970.6 | +2.0 | 29.7 | 23.3 | 20.3 | 23.8 | 59 | + 4 | 3.3 | +0.0 | 1.4 | 0 | 0 | 19 | 00 | 0 | 0 | 7 | 0 | 0 | 0 | 12 | 11 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee (Contd.) | 1730 | 274 | 996.0 | 966.7 | +2.0 | 36.7 | 25.8 | 20.1 | 23.5 | 44 | + 7 | 2.9 | +0.2 | 1.6 | 0 | 0 | 21 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 18 | 9 | 0 |
| Najibabad | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Meerut | 0830 | 222 | 1000.2 | 975.8 | +1.6 | 29.9 | 24.0 | 20.7 | 24.4 | 62 | + 8 | 1.4 | +0.3 | 4.7 | 0 | 0 | 27 | 00 | 1 | 7 | 5 | 0 | 5 | 4 | 5 | 3 | 0 |
| Bareilly | 0830 | 173 | 999.6 | 980.5 | +0.9 | 31.3 | 24.8 | 21.3 | 25.3 | 61 | + 3 | 4.2 | +1.0 | 11.7 | 0 | 4 | 26 | 01 | 1 | 7 | 9 | 0 | 1 | 9 | 2 | 0 | 0 |
| | 1730 | 173 | 995.2 | 976.5 | +1.0 | 36.2 | 25.8 | 19.7 | 22.9 | 47 | + 6 | 3.4 | +0.6 | 8.4 | 0 | 2 | 27 | 02 | 0 | 6 | 5 | 1 | 1 | 14 | 0 | 1 | 0 |
| Bareilly P.B.O. | 0230 | 173 | 997.5 | 978.5 | .. | 30.6 | 23.0 | 19.6 | 22.8 | 58 | .. | 2.5 | .. | 5.0 | 0 | 0 | 24 | 01 | 0 | 9 | 1 | 1 | 1 | 9 | 2 | 6 | 0 |
| | 0530 | 173 | 998.1 | 978.9 | .. | 29.0 | 22.8 | 19.6 | 22.8 | 61 | .. | 3.5 | .. | 5.0 | 0 | 0 | 29 | 02 | 2 | 13 | 0 | 1 | 0 | 8 | 3 | 1 | 0 |
| | 1130 | 173 | 999.2 | 980.4 | .. | 34.5 | 24.9 | 20.6 | 24.3 | 52 | .. | 3.8 | .. | 8.1 | 0 | 3 | 26 | 00 | 0 | 7 | 9 | 1 | 0 | 8 | 4 | 1 | 0 |
| | 1430 | 173 | 996.2 | 977.7 | .. | 36.7 | 25.1 | 19.9 | 20.8 | 46 | .. | 4.1 | .. | 8.8 | 0 | 2 | 26 | 00 | 1 | 5 | 6 | 0 | 0 | 8 | 8 | 2 | 0 |
| | 2030 | 173 | 996.8 | 977.9 | .. | 33.2 | 24.5 | 20.4 | 24.0 | 54 | .. | 2.7[b] | .. | 4.3 | 0 | 0 | 27 | 01 | 0 | 6 | 6 | 1 | 0 | 10 | 3 | 3 | 0 |
| | 2330 | 173 | 998.0 | 979.0 | .. | 31.0 | 23.8 | 20.5 | 24.1 | 57 | .. | 2.3 | .. | 5.5 | 0 | 0 | 28 | 01 | 1 | 9 | 3 | 3 | 1 | 6 | 4 | 2 | 0 |
| Aligarh | 0830 | 187 | 1000.3 | 979.3 | +1.4 | 30.9 | 23.9 | 19.5 | 22.7 | 56 | + 6 | 3.7 | +1.4 | 10.0 | 0 | 3 | 27 | 01 | 2 | 4 | 2 | 1 | 5 | 6 | 9 | 0 | 0 |
| | 1730 | 187 | 996.8 | 975.5 | +1.4 | 36.3 | 25.1 | 18.0 | 20.6 | 43 | + 6 | 3.8 | +1.0 | 9.5 | 0 | 2 | 26 | 09 | 2 | 3 | 2 | 1 | 2 | 4 | 5 | 2 | 0 |
| Mainpuri | 0830 | 157 | 999.6 | 982.3 | +1.1 | 32.0 | 25.0 | 20.9 | 24.7 | 59 | + 8 | 3.4 | -0.1 | 5.9 | 0 | 0 | 26 | 01 | 1 | 0 | 6 | 3 | 0 | 4 | 11 | 4 | 0 |
| | 1730 | 157 | 995.6 | 978.7 | +1.4 | 36.1 | 23.1 | 18.1 | 21.8 | 47 | +10 | 3.8 | +0.3 | 8.1 | 0 | 1 | 25 | 01 | 0 | 0 | 2 | 2 | 2 | 1 | 18 | 4 | 0 |
| Agra | 0830 | 169 | 999.8 | 981.4 | +1.3 | 32.2 | 25.2 | 21.4 | 26.3 | 59 | +11 | 3.1 | +0.4 | 2.9 | 0 | 0 | 14 | 00 | 0 | 1 | 2 | 0 | 6 | 0 | 5 | 16 | 0 |
| | 1730 | 169 | 995.7 | 977.4 | +1.0 | 36.9 | 26.8 | 21.7 | 26.9 | 49 | +15 | 4.8 | +1.7 | 4.9 | 0 | 0 | 20 | 00 | 4 | 2 | 3 | 0 | 2 | 0 | 9 | 10 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 998.7 | 979.7 | .. | 27.8 | 23.8 | 21.6 | 25.8 | 72 | .. | 3.7 | .. | 10.3 | 0 | 3 | 20 | 02 | 0 | 2 | 2 | 1 | 5 | 7 | 4 | 7 | 0 |
| | 0830 | 169 | 999.7 | 981.3 | .. | 31.6 | 25.3 | 22.1 | 26.6 | 61 | .. | 3.3 | .. | 15.8 | 0 | 8 | 20 | 01 | 0 | 4 | 3 | 1 | 3 | 10 | 6 | 2 | 0 |
| | 1130 | 169 | 999.7 | 981.4 | .. | 36.2 | 26.9 | 22.7 | 27.6 | 50 | .. | 3.7 | .. | 15.5 | 0 | 10 | 16 | 02 | 1 | 2 | 2 | 0 | 2 | 6 | 11 | 4 | 0 |
| | 1730 | 169 | 995.9 | 977.7 | .. | 36.0 | 26.6 | 21.6 | 25.8 | 48 | .. | 4.2 | .. | 15.6 | 0 | 6 | 24 | 04 | 3 | 4 | 2 | 2 | 1 | 4 | 10 | 0 | 0 |
| | 2330 | 169 | 998.5 | 979.9 | .. | 30.4 | 25.1 | 22.4 | 27.1 | 66 | .. | 3.3 | .. | 9.5 | 0 | 2 | 20 | 02 | 1 | 3 | 4 | 2 | 1 | 6 | 3 | 8 | 0 |
| Orai | 0830 | 141 | 1000.6 | 985.2 | +1.6 | 33.9 | 26.6 | 23.0 | 28.1 | 58 | + 5 | 4.0 | +1.4 | 3.2 | 0 | 0 | 27 | 01 | 6 | 1 | 1 | 0 | 2 | 1 | 15 | 3 | 0 |
| | 1730 | 141 | 996.4 | 981.4 | +1.7 | 36.5 | 26.4 | 21.1 | 25.0 | 50 | + 8 | 4.2 | +1.0 | 4.8 | 0 | 0 | 30 | 04 | 5 | 1 | 2 | 0 | 3 | 0 | 15 | 0 | 0 |
| Jhansi | 0830 | 251 | 1000.4 | 973.0 | +1.3 | 30.9 | 23.6 | 19.0 | 22.0 | 56 | + 8 | 4.1 | +0.9 | 1.9 | 0 | 0 | 24 | 02 | 0 | 2 | 0 | 4 | 2 | 12 | 2 | 6 | 0 |
| | 1730 | 251 | 996.8 | 969.9 | +2.1 | 36.4 | 24.6 | 17.0 | 19.4 | 44 | + 7 | 4.8 | +0.3 | 3.0 | 0 | 0 | 29 | 05 | 0 | 1 | 0 | 7 | 2 | 11 | 3 | 1 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 998.1 | 963.7 | .. | 27.4 | 21.2 | 16.4 | 18.6 | 59 | .. | 3.8 | .. | 6.3 | 0 | 1 | 21 | 04 | 6 | 3 | 2 | 3 | 3 | 1 | 0 | 8 | 0 |
| | 0830 | 312 | 999.7 | 965.6 | +1.6 | 31.4 | 22.7 | 16.4 | 18.6 | 51 | +16 | 3.9 | +1.3 | 8.5 | 0 | 0 | 27 | 07 | 5 | 5 | 3 | 5 | 2 | 0 | 0 | 3 | 0 |
| | 1130 | 312 | 998.8 | 964.9 | .. | 35.5 | 23.9 | 15.8 | 17.9 | 41 | .. | 3.6 | .. | 10.4 | 0 | 0 | 29 | 04 | 5 | 2 | 1 | 9 | 4 | 4 | 0 | 1 | 0 |
| | 1730 | 312 | 995.1 | 961.8 | +0.3 | 36.8 | 24.4 | 16.3 | 18.5 | 40 | +12 | 3.2 | +0.3 | 15.6 | 0 | 6 | 24 | 01 | 3 | 1 | 0 | 9 | 8 | 4 | 4 | 0 | 0 |
| | 2330 | 312 | 997.2 | 963.4 | .. | 30.6 | 22.8 | 17.3 | 19.7 | 52 | .. | 2.2 | .. | 4.7 | 0 | 2 | 13 | 05 | 4 | 2 | 0 | 3 | 1 | 0 | 0 | 15 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 997.7 | 971.6 | .. | 25.8 | 22.3 | 20.0 | 23.4 | 73 | .. | 2.8 | .. | 5.6 | 0 | 1 | 22 | 01 | 2 | 8 | 5 | 1 | 1 | 2 | 3 | 7 | 0 |
| | 0830 | 234 | 998.9 | 973.2 | +1.1 | 30.1 | 23.6 | 19.6 | 22.8 | 59 | +13 | 3.2 | +1.6 | 8.7 | 0 | 1 | 27 | 03 | 4 | 11 | 5 | 2 | 1 | 0 | 2 | 2 | 0 |
| | 1130 | 234 | 998.7 | 973.3 | .. | 35.0 | 24.5 | 18.0 | 20.3 | 46 | .. | 3.0 | .. | 10.3 | 0 | 3 | 24 | 01 | 1 | 6 | 5 | 3 | 3 | 4 | 4 | 3 | 0 |
| | 1430 | 234 | 997.0 | 971.9 | .. | 37.3 | 25.0 | 16.7 | 19.0 | 40 | .. | 2.7 | .. | 11.4 | 0 | 2 | 26 | 03 | 0 | 4 | 5 | 0 | 6 | 4 | 6 | 2 | 0 |
| | 1730 | 234 | 995.1 | 970.0 | +1.3 | 37.0 | 24.8 | 16.5 | 18.7 | 39 | +13 | 2.0 | +1.1 | 10.5 | 0 | 5 | 19 | 00 | 0 | 5 | 4 | 1 | 2 | 5 | 7 | 6 | 0 |
| | 2030 | 234 | 996.2 | 970.6 | .. | 31.4 | 24.7 | 20.1 | 23.5 | 51 | .. | 2.2 | .. | 7.6 | 0 | 2 | 21 | 01 | 0 | 7 | 3 | 1 | 1 | 8 | 2 | 7 | 0 |
| Adampur (Aerodrome) | 0830 | 238 | 998.9 | 971.7 | .. | 31.0 | 24.2 | 20.7 | 24.4 | 60 | .. | 3.5 | .. | 12.1 | 0 | 3 | 25 | 05 | 2 | 3 | 9 | 2 | 3 | 2 | 2 | 2 | 0 |
| | 1730 | 238 | 995.6 | 968.9 | .. | 36.1 | 25.7 | 20.0 | 23.4 | 46 | .. | 2.7 | .. | 16.1 | 0 | 6 | 22 | 03 | 1 | 1 | 2 | 1 | 2 | 12 | 6 | 2 | 0 |
| Ludhiana | 0830 | 247 | 999.4 | 972.3 | +1.0 | 31.3 | 23.7 | 19.3 | 22.4 | 55 | + 6 | 3.1 | +1.0 | 3.1 | 0 | 0 | 27 | 02 | 2 | 5 | 6 | 3 | 1 | 3 | 5 | 3 | 0 |
| | 1730 | 247 | 995.4 | 968.6 | +0.9 | 37.7 | 25.5 | 18.0 | 20.6 | 40 | + 8 | 2.5 | +0.7 | 2.1 | 0 | 0 | 25 | 02 | 3 | 0 | 5 | 0 | 1 | 1 | 13 | 5 | 0 |
| Ferozepur | 0830 | 200 | 999.2 | 977.1 | +2.0 | 30.2 | 24.5 | 21.5 | 25.6 | 62 | + 9 | 1.8 | +0.6 | 2.5 | 0 | 0 | 24 | 02 | 4 | 1 | 2 | 6 | 0 | 1 | 8 | 6 | 0 |
| | 1730 | 200 | 995.6 | 974.1 | +2.3 | 38.0 | 26.4 | 20.8 | 24.6 | 39 | + 8 | 1.0 | +0.2 | 2.9 | 0 | 0 | 27 | 03 | 2 | 0 | 0 | 7 | 1 | 2 | 12 | 3 | 0 |
| Halwara (Aerodrome) | 0830 | 202 | 998.9 | 972.5 | .. | 31.6 | 23.9 | 19.3 | 22.4 | 53 | .. | 3.2[b] | .. | 15.4 | 0 | 7 | 22 | 02 | 3 | 4 | 8 | 2 | 3 | 2 | 5 | 1 | 0 |
| | 1730 | 202 | 994.9 | 969.0 | .. | 37.6 | 25.1 | 17.5 | 20.0 | 37 | .. | 3.0[b] | .. | 15.9 | 0 | 5 | 24 | 06 | 2 | 3 | 4 | 0 | 3 | 1 | 10 | 1 | 0 |
| Chandigarh | 0830 | 347 | 998.2 | 959.8 | +0.3 | 29.4 | 21.9 | 16.6 | 18.9 | 53 | + 7 | 3.3 | +1.9 | 1.1 | 0 | 0 | 11 | 00 | 3 | 0 | 8 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 1730 | 347 | 994.2 | 957.2 | +0.5 | 36.4 | 23.4 | 15.3 | 17.4 | 35 | + 5 | 2.7 | +1.9 | 4.8 | 0 | 0 | 18 | 00 | 1 | 0 | 4 | 0 | 8 | 0 | 5 | 12 | 0 |
| Ambala | 0830 | 272 | 999.3 | 969.5 | +1.1 | 30.8 | 24.0 | 20.6 | 24.3 | 59 | +10 | 2.9 | +0.8 | 0.5 | 0 | 0 | 6 | 00 | 1 | 0 | 4 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 1730 | 272 | 994.8 | 965.8 | +0.9 | 36.8 | 27.8 | 23.9 | 29.6 | 49 | +17 | 0.8 | -1.3 | 4.4 | 0 | 0 | 29 | 00 | 6 | 0 | 12 | 0 | 2 | 0 | 9 | 1 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 997.1 | 966.6 | .. | 30.0 | 22.3 | 17.9 | 20.5 | 55 | .. | 2.6 | .. | 7.9 | 0 | 0 | 23 | 00 | 1 | 0 | 9 | 1 | 1 | 1 | 10 | 7 | 0 |
| | 0530 | 278 | 997.6 | 966.6 | .. | 28.4 | 21.8 | 17.9 | 20.5 | 59 | .. | 3.8 | .. | 7.1 | 0 | 0 | 25 | 02 | 1 | 3 | 12 | 0 | 1 | 1 | 5 | 5 | 0 |
| | 1130 | 278 | 998.6 | 968.5 | .. | 35.3 | 24.5 | 19.5 | 22.7 | 45 | .. | 4.0 | .. | 10.2 | 0 | 2 | 25 | 00 | 1 | 0 | 15 | 1 | 0 | 0 | 10 | 3 | 0 |
| | 1430 | 278 | 996.4 | 966.6 | .. | 37.0 | 24.8 | 18.7 | 21.5 | 41 | .. | 3.5 | .. | 9.0 | 0 | 1 | 25 | 00 | 2 | 1 | 10 | 1 | 1 | 5 | 6 | 4 | 0 |
| | 2030 | 278 | 996.0 | 965.9 | .. | 34.2 | 23.8 | 18.3 | 21.0 | 46 | .. | 2.9 | .. | 6.1 | 0 | 1 | 18 | 01 | 0 | 0 | 5 | 2 | 2 | 2 | 7 | 11 | 0 |
| | 2330 | 278 | 997.3 | 966.9 | .. | 31.8 | 23.3 | 18.6 | 21.4 | 53 | .. | 2.9 | .. | 8.0 | 0 | 1 | 21 | 00 | 1 | 0 | 8 | 1 | 1 | 0 | 11 | 8 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 997.6 | 967.3 | .. | 26.8 | 22.0 | 18.8 | 21.7 | 66 | .. | 4.1 | .. | 9.3 | 0 | 1 | 22 | 00 | 0 | 2 | 9 | 3 | 0 | 3 | 5 | 7 | 1 |
| | 0830 | 274 | 999.1 | 968.7 | .. | 31.1 | 24.0 | 19.7 | 22.9 | 57 | .. | 3.9 | .. | 12.1 | 0 | 5 | 20 | 01 | 0 | 2 | 12 | 3 | 1 | 2 | 4 | 5 | 0 |
| | 1130 | 274 | 998.2 | 968.6 | .. | 35.4 | 25.2 | 19.2 | 22.2 | 46 | .. | 3.9 | .. | 17.9 | 0 | 14 | 16 | 00 | 0 | 2 | 13 | 3 | 0 | 5 | 5 | 0 | 2 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI) (Contd.).** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala Aerodrome (Contd.) | 1730 | 274 | 994.5 | 965.2 | .. | 37.1 | 25.1 | 18.0 | 20.6 | 40 | .. | 3.4 | .. | 17.0 | 0 | 12 | 16 | 00 | 0 | 3 | 8 | 1 | 4 | 5 | 6 | 2 | 1 |
| | 2330 | 274 | 997.3 | 967.2 | .. | 29.6 | 23.3 | 19.4 | 22.5 | 60 | .. | 3.2 | .. | 9.4 | 0 | 3 | 22 | 00 | 0 | 2 | 8 | 1 | 1 | 6 | 5 | 5 | 2 |
| Patiala | 0830 | 251 | 999.7 | 972.2 | +1.6 | 30.9 | 24.2 | 20.2 | 23.7 | 58 | + 7 | 3.1 | +1.4 | 8.6 | 0 | 0 | 22 | 01 | 0 | 0 | 14 | 1 | 0 | 0 | 6 | 8 | 0 |
| | 1730 | 251 | 994.7 | 967.9 | +1.0 | 37.3 | 25.3 | 18.4 | 21.1 | 39 | + 8 | 2.6 | +0.6 | 11.6 | 0 | 4 | 21 | 00 | 0 | 0 | 9 | 0 | 0 | 0 | 16 | 5 | 0 |
| Bhatinda | 0830 | 211 | 998.6 | 975.6 | .. | 33.1 | 25.3 | 20.9 | 24.7 | 50 | - 4 | 0.7 | -1.3 | 3.1 | 0 | 0 | 22 | 00 | 0 | 0 | 11 | 0 | 7 | 0 | 4 | 8 | 0 |
| | 1730 | 211 | 994.9 | 972.0 | .. | 38.8 | 24.8 | 19.9 | 23.2 | 40 | + 3 | 0.9 | -0.7 | 4.3 | 0 | 0 | 26 | 00 | 0 | 0 | 5 | 0 | 3 | 0 | 18 | 4 | 0 |
| Karnal | 0830 | 249 | 999.6 | 972.4 | +1.6 | 31.6 | 23.8 | 19.2 | 22.2 | 53 | - 2 | 3.1 | +0.9 | 3.1 | 0 | 0 | 26 | 01 | 9 | 5 | 2 | 0 | 1 | 0 | 8 | 4 | 0 |
| | 1730 | 249 | 995.0 | 968.5 | +1.0 | 37.0 | 24.3 | 16.7 | 19.0 | 36 | + 2 | 2.5 | +0.5 | 2.7 | 0 | 0 | 25 | 00 | 3 | 3 | 7 | 0 | 1 | 0 | 11 | 5 | 0 |
| Hissar | 0530 | 221 | 998.1 | 973.5 | .. | 27.9 | 25.6 | 24.5 | 30.7 | 83 | .. | 3.5 | .. | 6.1 | 0 | 0 | 28 | 00 | 0 | 4 | 6 | 3 | 9 | 4 | 2 | 2 | 0 |
| | 0830 | 221 | 999.6 | 975.3 | +1.2 | 30.8 | 27.3 | 25.8 | 33.2 | 76 | +24 | 2.7 | +1.2 | 6.9 | 0 | 2 | 25 | 01 | 0 | 2 | 5 | 3 | 9 | 6 | 1 | 3 | 0 |
| | 1130 | 221 | 999.1 | 975.1 | .. | 35.8 | 29.9 | 28.4 | 38.7 | 66 | .. | 2.9 | .. | 8.8 | 0 | 3 | 24 | 02 | 0 | 0 | 4 | 4 | 6 | 10 | 1 | 3 | 0 |
| | 1730 | 221 | 998.3 | 971.6 | +0.8 | 37.4 | 30.7 | 28.8 | 39.6 | 62 | +29 | 3.2 | +1.6 | 5.8 | 0 | 1 | 22 | 03 | 1 | 2 | 4 | 1 | 5 | 4 | 3 | 7 | 0 |
| | 2330 | 221 | 997.7 | 973.4 | .. | 31.2 | 27.1 | 25.3 | 32.2 | 73 | .. | 1.6[c] | .. | 7.2 | 0 | 1 | 20 | 03 | 0 | 2 | 4 | 2 | 8 | 1 | 1 | 9 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 998.2 | 974.3 | .. | 29.2 | 22.8 | 18.5 | 21.3 | 59 | .. | 3.6 | .. | 11.1 | 0 | 6 | 20 | 01 | 0 | 2 | 4 | 3 | 5 | 8 | 3 | 4 | 0 |
| | 0530 | 216 | 998.6 | 974.6 | .. | 28.1 | 22.5 | 18.8 | 21.7 | 64 | .. | 4.3 | .. | 10.0 | 0 | 4 | 22 | 00 | 1 | 2 | 5 | 2 | 3 | 9 | 4 | 4 | 0 |
| | 0830 | 216 | 999.9 | 976.1 | +1.6 | 30.3 | 23.8 | 20.0 | 23.4 | 59 | +11 | 4.0 | +1.4 | 13.3 | 0 | 5 | 24 | 01 | 1 | 3 | 5 | 1 | 3 | 8 | 7 | 1 | 0 |
| | 1130 | 216 | 999.6 | 976.0 | .. | 34.8 | 24.8 | 18.8 | 21.7 | 46 | .. | 4.2 | .. | 14.5 | 0 | 7 | 22 | 01 | 3 | 2 | 4 | 2 | 1 | 6 | 10 | 1 | 0 |
| | 1430 | 216 | 997.7 | 974.3 | .. | 36.9 | 25.0 | 17.4 | 19.9 | 40 | .. | 4.1 | .. | 16.5 | 0 | 11 | 18 | 03 | 0 | 1 | 6 | 1 | 2 | 5 | 11 | 1 | 0 |
| | 1730 | 216 | 996.1 | 972.8 | +2.2 | 36.8 | 24.8 | 17.1 | 19.5 | 40 | + 8 | 3.6 | +0.8 | 15.0 | 1 | 9 | 19 | 03 | 2 | 1 | 3 | 4 | 2 | 2 | 12 | 1 | 0 |
| | 2030 | 216 | 997.1 | 973.5 | .. | 32.9 | 24.1 | 18.7 | 21.6 | 50 | .. | 3.6 | .. | 9.1 | 0 | 4 | 24 | 03 | 1 | 2 | 5 | 2 | 6 | 4 | 5 | 2 | 0 |
| | 2330 | 216 | 998.4 | 974.7 | .. | 30.7 | 23.7 | 19.3 | 22.4 | 57 | .. | 3.6 | .. | 10.4 | 0 | 2 | 27 | 02 | 0 | 4 | 6 | 5 | 3 | 5 | 4 | 1 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 998.1 | 972.3 | .. | 28.6 | 23.2 | 20.4 | 29.9 | 61 | .. | 3.3 | .. | 7.9 | 0 | 1 | 20 | 01 | 0 | 0 | 5 | 2 | 5 | 7 | 1 | 9 | 0 |
| | 0530 | 233 | 998.6 | 972.6 | .. | 27.2 | 22.9 | 20.3 | 23.8 | 70 | .. | 4.1 | .. | 8.4 | 0 | 3 | 23 | 00 | 0 | 2 | 8 | 0 | 8 | 5 | 3 | 4 | 0 |
| | 0830 | 233 | 999.7 | 974.1 | .. | 30.6 | 24.4 | 20.9 | 24.7 | 59 | .. | 3.8 | .. | 12.3 | 0 | 4 | 22 | 01 | 0 | 3 | 5 | 0 | 1 | 7 | 9 | 4 | 0 |
| | 1130 | 233 | 999.6 | 974.3 | .. | 35.0 | 25.1 | 19.5 | 22.6 | 47 | .. | 4.0 | .. | 13.2 | 0 | 6 | 21 | 03 | 1 | 0 | 3 | 2 | 0 | 6 | 12 | 3 | 0 |
| | 1430 | 233 | 997.0 | 972.3 | .. | 37.1 | 26.8 | 19.5 | 22.6 | 42 | .. | 3.9 | .. | 14.8 | 0 | 11 | 15 | 04 | 2 | 0 | 5 | 1 | 2 | 3 | 9 | 4 | 0 |
| | 1730 | 233 | 995.8 | 970.8 | .. | 36.8 | 25.8 | 19.7 | 22.9 | 43 | .. | 3.8 | .. | 15.3 | 0 | 10 | 17 | 03 | 2 | 4 | 2 | 3 | 0 | 2 | 11 | 3 | 0 |
| | 2030 | 233 | 996.7 | 971.4 | .. | 32.6 | 24.8 | 20.3 | 23.8 | 55 | .. | 3.9 | .. | 6.8 | 0 | 3 | 17 | 05 | 0 | 0 | 6 | 1 | 4 | 2 | 2 | 10 | 0 |
| | 2330 | 233 | 998.2 | 972.6 | .. | 30.1 | 24.0 | 20.4 | 24.0 | 62 | .. | 2.9 | .. | 8.9 | 0 | 4 | 18 | 01 | 0 | 1 | 5 | 3 | 6 | 4 | 2 | 8 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 999.3 | 917.8 | +0.3 | 26.2 | 20.0 | 15.9 | 18.1 | 60 | + 3 | 3.9 | +1.7 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Bilaspur | 1730 | 761 | 993.9 | 914.2 | -0.1 | 33.8 | 22.4 | 15.8 | 17.9 | 41 | + 0 | 4.4 | +1.0 | 0.2 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 27 | 0 |
| | 0830 | 587 | 999.9 | 935.8 | +0.1 | 27.9 | 23.0 | 20.4 | 23.9 | 68 | +16 | 3.6 | +1.1 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 1730 | 587 | 995.2 | 933.0 | +0.5 | 33.9 | 25.3 | 20.9 | 24.4 | 53 | +18 | 2.6[b] | -0.7 | 1.9 | 0 | 0 | 14 | 00 | 3 | 0 | 0 | 0 | 3 | 6 | 2 | 16 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0530 | 3514 | 3100.1 | 666.1 | .. | 7.3 | 2.7 | - 2.4 | 5.0 | 52 | .. | 1.8[b] | .. | 5.4[b] | 0 | 0 | 25 | 09 | 14 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 0830 | 3514 | 3095.3 | 666.5 | +0.7 | 14.5 | 6.8 | - 1.3 | 5.5 | 37 | - 2 | 2.2[b] | -0.9 | 2.3[b] | 0 | 0 | 12 | 01 | 0 | 1 | 1 | 3 | 6 | 0 | 0 | 17 | 0 |
| Srinagar | 1730 | 3514 | 3085.6 | 666.1 | +3.8 | 19.4 | 13.8 | 9.5 | 11.9 | 61 | +37 | 3.4 | -0.1 | 6.2 | 0 | 0 | 28 | 00 | 6 | 0 | 0 | 1 | 17 | 0 | 4 | 1 | 0 |
| | 0830 | 1587 | 1449.8 | 836.9 | +0.2 | 21.5 | 17.1 | 14.5 | 16.5 | 65 | -10 | 2.6 | +0.2 | 2.2 | 0 | 0 | 22 | 01 | 1 | 2 | 4 | 0 | 0 | 3 | 11 | 8 | 0 |
| | 1130 | 1587 | 1445.8 | 836.7 | .. | 26.0 | 18.9 | 15.1 | 17.2 | 51 | .. | 2.5 | .. | 3.0 | 0 | 0 | 28 | 01 | 2 | 0 | 3 | 9 | 0 | 6 | 7 | 2 | 0 |
| | 1430 | 1587 | 1430.1 | 835.3 | .. | 28.4 | 19.6 | 14.9 | 16.9 | 44 | .. | 2.6 | .. | 3.6 | 0 | 0 | 26 | 04 | 3 | 0 | 5 | 3 | 0 | 3 | 8 | 4 | 0 |
| | 1730 | 1587 | 1415.7 | 834.0 | +0.2 | 28.2 | 19.2 | 14.4 | 16.4 | 44 | - 1 | 3.1 | -0.8 | 3.1 | 0 | 0 | 24 | 02 | 5 | 3 | 3 | 6 | 1 | 1 | 3 | 6 | 0 |
| Srinagar (Aerodrome) | 2030 | 1587 | 1424.0 | 834.5 | .. | 23.6 | 18.2 | 14.9 | 16.9 | 60 | .. | 3.8 | .. | 2.7 | 0 | 0 | 21 | 01 | 4 | 1 | 5 | 4 | 0 | 2 | 4 | 9 | 0 |
| | 0530 | 1666 | 1440.9 | 828.3 | .. | 16.4 | 14.4 | 13.1 | 15.0 | 82 | .. | 3.1 | .. | 3.5 | 0 | 0 | 15 | 01 | 0 | 1 | 2 | 3 | 5 | 2 | 1 | 15 | 0 |
| | 0830 | 1666 | 1447.8 | 829.6 | .. | 21.2 | 17.6 | 15.7 | 17.8 | 72 | .. | 2.9 | .. | 3.1 | 0 | 0 | 13 | 02 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 17 | 0 |
| | 1130 | 1666 | 1443.6 | 829.2 | .. | 24.8 | 19.2 | 16.4 | 18.6 | 60 | .. | 2.6 | .. | 5.8 | 0 | 0 | 21 | 01 | 1 | 6 | 5 | 5 | 0 | 1 | 2 | 9 | 0 |
| | 1730 | 1666 | 1414.9 | 826.8 | .. | 27.3 | 19.5 | 15.3 | 17.4 | 50 | .. | 3.7 | .. | 7.4 | 0 | 1 | 20 | 07 | 1 | 0 | 2 | 3 | 1 | 1 | 6 | 9 | 0 |
| | 2330 | 1666 | 1434.5 | 827.9 | .. | 19.8 | 16.6 | 14.9 | 16.9 | 73 | .. | 1.5 | .. | 4.9 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 5 | 1 | 5 | 3 | 15 | 0 |
| Gulmarg | 0830 | 2655 | 3101.3 | 738.0 | +0.3 | 16.6 | 12.1 | 8.3 | 10.9 | 60 | - 5 | 2.4 | -0.1 | 1.9 | 0 | 0 | 18 | 06 | 1 | 2 | 4 | 1 | 0 | 1 | 3 | 12 | 0 |
| | 1730 | 2655 | 3094.1 | 737.0 | .. | 18.7 | 13.3 | 9.2 | 11.6 | 56 | .. | 4.1 | .. | 5.3 | 0 | 0 | 27 | 01 | 10 | 2 | 7 | 0 | 2 | 0 | 5 | 3 | 0 |
| Qazigund | 0830 | 1690 | .. | .. | .. | 20.2 | 15.9 | 13.3 | 15.3 | 66 | .. | 3.1 | .. | 1.2 | 0 | 1 | 5 | 01 | 0 | 0 | 1 | 0 | 1 | 3 | 0 | 24 | 0 |
| | 1730 | 1690 | .. | .. | .. | 25.9 | 18.3 | 13.9 | 15.9 | 49 | .. | 3.9 | .. | 4.4 | 0 | 0 | 23 | 00 | 2 | 0 | 3 | 4 | 8 | 4 | 2 | 7 | 0 |
| Banihal | 0830 | | .. | .. | .. | 21.1 | 16.7 | 13.9 | 15.9 | 65 | .. | 3.0 | .. | 5.3 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 3 | 1 | 0 | 8 | 18 | 0 |
| | 1730 | | .. | .. | .. | 26.5 | 18.6 | 14.1 | 16.1 | 47 | .. | 4.7 | .. | 11.5 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 8 | 7 | 0 | 13 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 0830 | 366 | 998.7 | 959.1 | .. | 31.3 | 23.4 | 18.4 | 21.1 | 54 | +13 | 3.8 | +1.5 | 5.1 | 0 | 0 | 27 | 04 | 14 | 0 | 5 | 3 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 366 | 994.2 | 954.9 | .. | 36.3 | 25.9 | 21.2 | 25.2 | 44 | .. | 2.3 | .. | 4.2 | 0 | 0 | 22 | 00 | 4 | 0 | 4 | 3 | 11 | 0 | 0 | 8 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 997.8 | 965.4 | .. | 27.8 | 21.1 | 16.7 | 19.0 | 57 | .. | 4.1 | .. | 9.2 | 0 | 2 | 20 | 02 | 11 | 2 | 1 | 4 | 1 | 1 | 0 | 8 | 0 |
| | 0830 | 292 | 998.5 | 966.5 | .. | 31.5 | 22.6 | 15.8 | 17.9 | 49 | .. | 3.7 | .. | 6.9 | 0 | 2 | 21 | 02 | 7 | 3 | 3 | 4 | 2 | 0 | 1 | 7 | 1 |
| | 1130 | 292 | 998.1 | 966.6 | .. | 35.3 | 23.8 | 15.9 | 18.1 | 41 | .. | 3.1 | .. | 13.1 | 0 | 5 | 25 | 01 | 3 | 0 | 7 | 6 | 1 | 6 | 6 | 0 | 0 |
| | 1730 | 292 | 994.8 | 963.5 | .. | 37.1 | 24.1 | 14.8 | 16.8 | 35 | .. | 3.2[b] | .. | 14.3 | 0 | 3 | 27 | 01 | 0 | 0 | 4 | 8 | 3 | 11 | 3 | 0 | 0 |
| | 2330 | 292 | 997.1 | 964.9 | .. | 30.9 | 22.5 | 16.4 | 18.6 | 48 | .. | 2.1 | .. | 6.8 | 0 | 2 | 15 | 02 | 9 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 997.1 | 977.5 | .. | 29.1 | 22.7 | 18.8 | 21.7 | 56 | .. | 0.9 | .. | 1.8 | 0 | 0 | 9 | 00 | 0 | 1 | 1 | 2 | 4 | 1 | 0 | 21 | 0 |
| | 0830 | 177 | 998.5 | 979.1 | +1.1 | 32.3 | 24.2 | 19.6 | 22.8 | 50 | + 5 | 0.9 | +0.1 | 8.3 | 0 | 5 | 21 | 00 | 1 | 2 | 6 | 3 | 11 | 3 | 0 | 4 | 0 |
| | 1130 | 177 | 998.2 | 979.1 | .. | 37.6 | 24.9 | 17.2 | 19.6 | 35 | .. | 2.1 | .. | 7.7 | 0 | 4 | 18 | 00 | 1 | 2 | 6 | 1 | 5 | 6 | 1 | 8 | 0 |
| | 1730 | 177 | 994.3 | 975.5 | +1.0 | 39.9 | 25.1 | 16.3 | 18.5 | 29 | + 2 | 2.1 | +1.1 | 5.4 | 0 | 0 | 28 | 03 | 4 | 1 | 3 | 2 | 10 | 3 | 2 | 2 | 0 |
| | 2330 | 177 | 996.9 | 977.5 | .. | 32.7 | 23.9 | 19.0 | 22.0 | 47 | .. | 0.1 | .. | 2.7 | 0 | 2 | 3 | 00 | 0 | 2 | 1 | 0 | 2 | 0 | 0 | 25 | 0 |
| Anupgarh | 0830 | 154 | 1004.9 | 982.3 | .. | 31.4 | 24.2 | 20.3 | 23.8 | 54 | .. | 0.6 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 154 | 1002.0 | 979.3 | .. | 40.1 | 25.9 | 17.5 | 20.0 | 31 | .. | 0.4 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 0830 | 137 | 997.3 | 976.9 | .. | 33.0 | 26.5 | 23.5 | 29.4 | 58 | .. | . | .. | 9.0 | 0 | 4 | 25 | 00 | 1 | 3 | 3 | 8 | 13 | 0 | 1 | 1 | 0 |
| | 1730 | 137 | 993.7 | 973.6 | .. | 37.8 | 26.8 | 21.8 | 26.1 | 39 | .. | 1.3 | .. | 7.2[b] | 0 | 2 | 24 | 02 | 1 | 2 | 0 | 5 | 10 | 5 | 1 | 3 | 0 |
| Churu | 0830 | 291 | 995.9 | 964.2 | -3.4 | 31.6 | 25.1 | 21.7 | 25.9 | 60 | + 8 | 3.2 | +1.1 | 16.2 | 0 | 12 | 17 | 02 | 1 | 3 | 0 | 2 | 5 | 15 | 1 | 1 | 0 |
| | 1730 | 291 | 991.5 | 960.6 | -3.5 | 38.4 | 26.6 | 20.6 | 24.7 | 40 | + 8 | 3.5[b] | +0.2 | 16.3 | 0 | 12 | 17 | 02 | 3 | 3 | 0 | 3 | 3 | 14 | 1 | 1 | 0 |
| Bikaner | 0830 | 224 | 999.5 | 975.2 | +1.2 | 31.2 | 24.4 | 20.7 | 24.4 | 57 | + 8 | 1.2 | +0.3 | 11.4 | 0 | 5 | 21 | 00 | 2 | 0 | 2 | 3 | 14 | 4 | 1 | 4 | 0 |
| | 1730 | 224 | 995.7 | 971.8 | +1.5 | 39.3 | 25.0 | 16.8 | 19.1 | 30 | + 2 | 1.6 | -0.1 | 9.6 | 0 | 5 | 21 | 00 | 0 | 1 | 1 | 4 | 11 | 7 | 2 | 4 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 998.0 | 973.4 | .. | 29.7 | 23.4 | 19.7 | 22.9 | 58 | .. | 2.7 | .. | 6.5 | 0 | 1 | 23 | 00 | 0 | 0 | 0 | 5 | 16 | 3 | 0 | 6 | 0 |
| | 1130 | 224 | 999.1 | 974.9 | .. | 36.4 | 25.0 | 18.5 | 21.1 | 39 | .. | 3.2 | .. | 9.6 | 0 | 2 | 23 | 01 | 1 | 0 | 0 | 3 | 16 | 4 | 0 | 5 | 0 |
| | 2330 | 224 | 997.9 | 973.4 | .. | 33.1 | 24.0 | 19.0 | 22.0 | 47 | .. | 2.1 | .. | 7.7 | 0 | 2 | 20 | 00 | 0 | 0 | 0 | 5 | 17 | 0 | 0 | 8 | 0 |
| Nagaur | 0830 | 298 | 1000.1 | 967.5 | +0.5 | 31.9 | 25.6 | 22.6 | 27.4 | 60 | + 5 | 4.9 | +3.8 | 11.0 | 0 | 3 | 27 | 00 | 1 | 1 | 0 | 11 | 12 | 5 | 0 | 0 | 0 |
| | 1730 | 298 | 995.3 | 963.4 | +0.5 | 37.5 | 27.0 | 22.3 | 26.9 | 44 | +13 | 5.0 | +3.4 | 10.3 | 0 | 3 | 27 | 03 | 1 | 1 | 0 | 9 | 13 | 2 | 1 | 0 | 0 |
| Phalodi | 0830 | 234 | 999.8 | 974.2 | +0.3 | 30.5 | 25.0 | 22.3 | 26.9 | 65 | - 1 | 2.8 | +1.2 | 18.3 | 0 | 12 | 18 | 00 | 0 | 1 | 2 | 5 | 20 | 2 | 0 | 0 | 0 |
| | 1730 | 234 | 996.7 | 971.9 | +1.0 | 37.6 | 26.5 | 20.7 | 24.4 | 40 | + 6 | 3.2 | +1.2 | 17.6 | 0 | 13 | 17 | 01 | 1 | 1 | 0 | 7 | 17 | 2 | 1 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 999.2 | 972.5 | +0.6 | 29.6 | 14.6 | - 4.5 | 4.2 | 12 | -55 | 3.6 | +3.0 | 18.1 | 0 | 10 | 20 | 00 | 0 | 0 | 0 | 14 | 15 | 1 | 0 | 0 | 0 |
| | 1730 | 242 | 994.3 | 969.1 | +0.9 | 38.2 | 16.9 | -11.2 | 2.3 | 3 | -29 | 2.7 | +1.4 | 13.9 | 0 | 3 | 27 | 02 | 0 | 0 | 0 | 15 | 12 | 1 | 0 | 0 | 0 |
| Jodhpur | 0230 | 224 | 999.6 | 974.9 | .. | 31.5 | 23.8 | 20.1 | 23.5 | 53 | .. | 3.0 | .. | 13.5 | 0 | 10 | 16 | 00 | 1 | 0 | 0 | 1 | 15 | 8 | 0 | 4 | 1 |
| | 0530 | 224 | 999.7 | 974.9 | .. | 28.9 | 23.6 | 20.8 | 24.6 | 61 | .. | 3.6 | .. | 15.8 | 0 | 8 | 21 | 00 | 1 | 0 | 0 | 1 | 14 | 12 | 1 | 1 | 0 |
| | 0830 | 224 | 1001.3 | 976.6 | +1.0 | 30.5 | 24.3 | 21.1 | 25.0 | 60 | + 0 | 4.5 | +2.0 | 13.9 | 0 | 11 | 18 | 01 | 0 | 1 | 0 | 0 | 14 | 11 | 1 | 1 | 1 |
| | 1130 | 224 | 1001.0 | 976.6 | .. | 34.7 | 24.8 | 19.5 | 22.7 | 44 | .. | 4.6 | .. | 18.0 | 0 | 12 | 16 | 00 | 0 | 0 | 1 | 2 | 18 | 6 | 1 | 2 | 0 |
| | 1430 | 224 | 998.4 | 974.7 | .. | 38.3 | 25.2 | 17.9 | 20.5 | 35 | .. | 4.9 | .. | 20.1 | 0 | 13 | 17 | 00 | 1 | 0 | 0 | 3 | 18 | 6 | 2 | 0 | 0 |
| | 1730 | 224 | 997.1 | 973.4 | +1.9 | 37.8 | 24.9 | 17.8 | 20.4 | 34 | + 4 | 4.8 | +2.6 | 18.5 | 0 | 12 | 18 | 01 | 1 | 1 | 0 | 4 | 12 | 8 | 2 | 0 | 1 |
| | 2030 | 224 | 998.2 | 973.7 | .. | 35.2 | 24.5 | 18.6 | 21.4 | 42 | .. | 4.3 | .. | 15.7 | 0 | 6 | 22 | 01 | 0 | 0 | 1 | 0 | 15 | 9 | 1 | 2 | 1 |
| | 2330 | 224 | 999.6 | 975.6 | .. | 33.1 | 24.1 | 19.1 | 22.1 | 47 | .. | 3.3 | .. | 13.3 | 0 | 4 | 23 | 01 | 1 | 0 | 1 | 1 | 12 | 10 | 1 | 3 | 0 |
| Barmer | 0530 | 194 | 998.5 | 977.0 | .. | 28.7 | 23.5 | 20.9 | 24.7 | 63 | .. | 4.4 | .. | 8.9 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 2 | 17 | 6 | 3 | 2 | 0 |
| | 0830 | 194 | 999.8 | 978.4 | -0.1 | 30.3 | 24.1 | 21.0 | 24.9 | 59 | -10 | 4.5 | +1.7 | 7.1 | 0 | 1 | 25 | 00 | 0 | 0 | 0 | 1 | 17 | 5 | 3 | 4 | 0 |
| | 1130 | 194 | 999.6 | 978.5 | .. | 35.1 | 25.3 | 20.6 | 24.3 | 44 | .. | 4.3 | .. | 9.1 | 0 | 1 | 29 | 01 | 0 | 0 | 1 | 4 | 19 | 4 | 1 | 0 | 0 |
| | 1730 | 194 | 995.9 | 975.1 | +0.6 | 38.7 | 26.6 | 21.0 | 24.9 | 38 | + 3 | 4.0 | +2.4 | 8.9 | 0 | 2 | 27 | 00 | 0 | 1 | 3 | 3 | 16 | 4 | 2 | 1 | 0 |
| | 2330 | 194 | 998.5 | 977.3 | .. | 33.2 | 24.9 | 20.8 | 24.6 | 50 | .. | 2.0 | .. | 9.0 | 0 | 1 | 27 | 00 | 0 | 0 | 1 | 1 | 19 | 6 | 1 | 2 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 1001.9 | 969.4 | +0.5 | 29.9 | 24.5 | 21.7 | 25.9 | 66 | - 5 | 4.5 | +1.2 | 7.6 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 9 | 14 | 5 | 0 | 1 | 0 |
| | 1730 | 295 | 996.1 | 964.6 | -0.4 | 35.9 | 25.1 | 18.7 | 21.6 | 38 | - 8 | 3.8 | +0.3 | 4.6 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 4 | 20 | 3 | 0 | 2 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1000.0 | 967.1 | +0.4 | 31.1 | 24.0 | 19.8 | 22.8 | 58 | +16 | 3.2 | +2.2 | 17.0 | 0 | 11 | 17 | 02 | 1 | 1 | 5 | 1 | 8 | 9 | 1 | 2 | 0 |
| | 1730 | 301 | 995.8 | 963.7 | +0.6 | 37.2 | 25.1 | 19.1 | 22.1 | 40 | +15 | 3.3 | +1.3 | 17.0 | 0 | 11 | 18 | 03 | 3 | 2 | 2 | 2 | 6 | 8 | 3 | 1 | 0 |
| Sikar | 0830 | 433 | 999.9 | 953.2 | +0.9 | 30.2 | 23.3 | 19.1 | 22.1 | 55 | - 5 | 2.7 | +0.4 | 11.8 | 0 | 6 | 20 | 01 | 0 | 0 | 3 | 0 | 3 | 18 | 1 | 4 | 0 |
| | 1730 | 433 | 995.7 | 949.8 | +0.8 | 37.0 | 24.0 | 16.2 | 18.4 | 24 | -18 | 2.0 | -1.3 | 13.7 | 0 | 9 | 20 | 00 | 3 | 0 | 3 | 1 | 0 | 16 | 6 | 1 | 0 |
| Alwar | 0830 | 271 | 999.2 | 969.5 | +0.8 | 32.2 | 24.9 | 21.3 | 25.3 | 56 | + 3 | 4.2 | +1.8 | 3.3 | 0 | 0 | 25 | 03 | 2 | 4 | 0 | 1 | 2 | 5 | 7 | 5 | 1 |
| | 1730 | 271 | 995.4 | 966.5 | +0.4 | 37.7 | 26.3 | 20.8 | 24.5 | 44 | + 7 | 4.3 | +0.4 | 1.7 | 2 | 0 | 18 | 03 | 0 | 0 | 1 | 1 | 4 | 5 | 4 | 12 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 998.3 | 956.0 | .. | 29.1 | 22.4 | 18.0 | 20.6 | 57 | .. | 2.6 | .. | 3.0 | 0 | 0 | 17 | 01 | 0 | 1 | 0 | 0 | 2 | 9 | 4 | 13 | 0 |
| | 0530 | 390 | 998.9 | 956.0 | .. | 27.7 | 22.0 | 18.3 | 21.0 | 61 | .. | 3.4 | .. | 4.0 | 0 | 0 | 19 | 01 | 0 | 1 | 2 | 0 | 3 | 9 | 3 | 11 | 0 |
| | 0830 | 390 | 1000.0 | 957.5 | +0.4 | 30.9 | 23.4 | 19.0 | 22.0 | 55 | + 8 | 3.7 | +1.4 | 8.9 | 0 | 6 | 16 | 00 | 0 | 2 | 1 | 0 | 0 | 12 | 7 | 8 | 0 |
| | 1130 | 390 | 999.3 | 957.4 | .. | 34.9 | 24.0 | 17.2 | 19.6 | 42 | .. | 3.6[b] | .. | 11.0 | 0 | 6 | 20 | 01 | 0 | 1 | 1 | 0 | 5 | 12 | 6 | 4 | 0 |
| | 1430 | 390 | 996.8 | 955.3 | .. | 36.9 | 24.1 | 15.6 | 17.7 | 35 | .. | 4.3[b] | .. | 12.2 | 0 | 5 | 23 | 03 | 1 | 1 | 1 | 0 | 5 | 12 | 5 | 2 | 0 |
| | 1730 | 390 | 995.3 | 953.8 | +0.2 | 36.6 | 23.7 | 15.2 | 17.3 | 35 | + 2 | 4.7[b] | +1.6 | 8.5 | 0 | 2 | 25 | 02 | 0 | 0 | 1 | 1 | 5 | 10 | 8 | 3 | 0 |
| | 2030 | 390 | 997.2 | 955.1 | .. | 32.9 | 23.3 | 17.2 | 19.6 | 46 | .. | 3.5 | .. | 4.5 | 0 | 1 | 18 | 02 | 1 | 0 | 0 | 2 | 2 | 8 | 4 | 11 | 0 |
| | 2330 | 390 | 998.5 | 956.1 | .. | 30.8 | 22.9 | 17.9 | 20.5 | 52 | .. | 2.8 | .. | 3.1 | 0 | 1 | 16 | 00 | 0 | 0 | 0 | 0 | 2 | 10 | 5 | 13 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur | 0830 | 176 | 999.3 | 980.0 | +0.5 | 31.7 | 23.8 | 18.6 | 21.4 | 55 | + 8 | 3.3 | +0.3 | 2.5 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 17 | 0 |
| | 1730 | 176 | 995.7 | 976.7 | -2.5 | 36.7 | 25.0 | 17.4 | 19.9 | 42 | + 9 | 3.7 | -0.5 | 1.5 | 0 | 0 | 7 | 02 | 0 | 1 | 0 | 0 | 0 | 2 | 2 | 23 | 0 |
| Ajmer | 0830 | 486 | 1000.6 | 947.9 | +0.8 | 30.0 | 22.7 | 18.5 | 21.3 | 56 | + 0 | 4.6 | +2.2 | 15.4 | 0 | 13 | 16 | 00 | 2 | 1 | 0 | 2 | 14 | 10 | 0 | 1 | 0 |
| | 1730 | 486 | 996.0 | 944.5 | +0.8 | 35.6 | 23.4 | 16.1 | 18.3 | 39 | + 5 | 5.3 | +2.5 | 12.5 | 0 | 6 | 24 | 00 | 1 | 1 | 1 | 2 | 11 | 11 | 3 | 0 | 0 |
| Tonk | 0830 | 272 | 999.4 | 969.8 | +0.5 | 31.0 | 25.2 | 22.3 | 26.9 | 62 | + 3 | 2.8 | +0.8 | 7.5 | 0 | 0 | 30 | 02 | 1 | 1 | 1 | 1 | 2 | 17 | 5 | 0 | 0 |
| | 1730 | 272 | 995.1 | 965.9 | +1.1 | 36.4 | 26.3 | 21.5 | 25.6 | 48 | + 8 | 3.7 | +0.4 | 6.6 | 0 | 0 | 30 | 03 | 2 | 0 | 2 | 2 | 6 | 12 | 3 | 0 | 0 |
| Bhilwara | 0830 | 425 | 1001.0 | 955.2 | .. | 30.8 | 23.2 | 18.4 | 21.1 | 54 | .. | 4.9 | .. | 14.3[b] | 0 | 7 | 21 | 00 | 1 | 1 | 0 | 0 | 22 | 2 | 2 | 1 | 0 |
| | 1730 | 425 | 997.5 | 952.2 | .. | 35.6 | 24.0 | 16.9 | 19.2 | 40 | .. | 3.9 | .. | 11.9[b] | 0 | 3 | 25 | 01 | 1 | 1 | 3 | 0 | 16 | 2 | 4 | 1 | 0 |
| Kota | 0830 | 257 | 1000.7 | 972.3 | +0.7 | 32.4 | 25.0 | 21.1 | 25.0 | 55 | + 8 | 3.9[c] | +1.1 | 12.5 | 0 | 7 | 20 | 00 | 0 | 1 | 1 | 1 | 7 | 8 | 9 | 3 | 0 |
| | 1730 | 257 | 996.6 | 968.9 | +1.1 | 36.3 | 25.8 | 19.9 | 23.2 | 44 | + 9 | 4.9 | +0.8 | 11.6 | 0 | 4 | 26 | 02 | 4 | 1 | 2 | 0 | 10 | 3 | 8 | 0 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 999.5 | 969.4 | .. | 30.0 | 23.2 | 19.1 | 22.1 | 59 | .. | 3.6 | .. | 9.0 | 0 | 3 | 24 | 01 | 0 | 3 | 1 | 1 | 11 | 9 | 1 | 3 | 0 |
| | 0830 | 274 | 1001.0 | 971.1 | .. | 32.2 | 24.3 | 19.7 | 22.9 | 54 | .. | 4.1 | .. | 10.3 | 0 | 4 | 23 | 00 | 0 | 3 | 0 | 0 | 12 | 9 | 3 | 3 | 0 |
| | 1130 | 274 | 1000.6 | 971.1 | .. | 35.3 | 24.8 | 18.7 | 21.6 | 45 | .. | 4.1 | .. | 11.3 | 0 | 2 | 27 | 01 | 0 | 3 | 1 | 0 | 9 | 11 | 4 | 1 | 0 |
| | 1730 | 274 | 996.8 | 967.4 | .. | 36.5 | 24.9 | 17.9 | 20.5 | 42 | .. | 5.3 | .. | 12.8 | 0 | 6 | 24 | 03 | 1 | 3 | 1 | 2 | 8 | 9 | 3 | 0 | 0 |
| | 2330 | 274 | 999.1 | 969.4 | .. | 33.3 | 24.1 | 18.7 | 21.6 | 48 | .. | 3.2 | .. | 11.8 | 0 | 6 | 24 | 02 | 1 | 0 | 1 | 0 | 17 | 8 | 1 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1001.4 | 963.3 | +1.0 | 30.8 | 23.6 | 19.4 | 22.5 | 56 | - 3 | 2.8 | -0.1 | 12.0 | 0 | 7 | 21 | 00 | 1 | 1 | 0 | 0 | 17 | 7 | 2 | 2 | 0 |
| | 1730 | 351 | 997.1 | 959.7 | +1.2 | 35.8 | 24.4 | 18.1 | 20.8 | 41 | - 4 | 4.0 | -0.4 | 14.8 | 0 | 8 | 22 | 02 | 3 | 0 | 0 | 1 | 16 | 4 | 4 | 0 | 0 |
| Udaipur | 0230 | 583 | 1000.5 | 937.4 | .. | 28.0 | 22.9 | 20.4 | 24.0 | 66 | .. | 3.9 | .. | 5.2 | 2 | 0 | 21 | 00 | 0 | 1 | 0 | 8 | 11 | 1 | 0 | 9 | 0 |
| | 0530 | 583 | 1000.7 | 937.4 | .. | 27.0 | 22.4 | 20.2 | 23.7 | 69 | .. | 4.4 | .. | 4.5 | 0 | 1 | 17 | 02 | 0 | 0 | 0 | 5 | 8 | 5 | 0 | 12 | 0 |
| | 0830 | 583 | 1001.7 | 938.7 | +0.8 | 29.3 | 23.5 | 20.5 | 24.1 | 62 | - 1 | 5.5 | +2.3 | 4.1 | 0 | 0 | 23 | 00 | 0 | 1 | 0 | 6 | 13 | 2 | 1 | 7 | 0 |
| | 1130 | 583 | 1001.1 | 938.6 | .. | 32.9 | 24.2 | 20.1 | 23.5 | 51 | .. | 4.1 | .. | 6.2 | 0 | 0 | 26 | 03 | 0 | 1 | 3 | 4 | 11 | 3 | 1 | 4 | 0 |
| | 1730 | 583 | 997.8 | 936.0 | +1.0 | 33.7 | 24.6 | 20.4 | 24.0 | 48 | + 0 | 4.3 | +0.2 | 5.1 | 0 | 0 | 25 | 00 | 0 | 0 | 4 | 6 | 10 | 3 | 2 | 5 | 0 |
| | 2330 | 583 | 1000.9 | 938.1 | .. | 29.6 | 23.7 | 20.8 | 24.6 | 62 | .. | 3.2 | .. | 6.0 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 9 | 10 | 2 | 1 | 8 | 0 |
| Jhalawar | 0830 | 321 | 1000.9 | 965.8 | +0.7 | 31.3 | 23.7 | 19.0 | 22.0 | 55 | - 6 | 4.9 | +2.1 | 11.1 | 0 | 1 | 29 | 01 | 1 | 1 | 0 | 0 | 11 | 12 | 3 | 0 | 1 |
| | 1730 | 321 | 996.7 | 962.4 | +1.2 | 36.3 | 23.8 | 15.5 | 17.6 | 37 | - 3 | 4.3 | +0.6 | 6.7 | 0 | 1 | 26 | 01 | 2 | 0 | 2 | 0 | 9 | 11 | 2 | 3 | 0 |
| Banswara | 0830 | 220 | 999.3 | 975.1 | .. | 29.2 | 25.4 | 23.7 | 29.3 | 73 | .. | 2.2 | .. | 12.1 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 14 | 15 | 0 | 1 | 0 | 0 |
| | 1730 | 220 | 994.7 | 970.9 | .. | 36.1 | 25.1 | 19.4 | 22.5 | 42 | .. | 2.3 | .. | 12.4 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 12 | 12 | 2 | 3 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 998.1 | 975.4 | .. | 29.9 | 22.9 | 18.0 | 22.1 | 57 | .. | 3.7 | .. | 8.9 | 0 | 3 | 20 | 01 | 2 | 0 | 1 | 3 | 6 | 6 | 4 | 7 | 0 |
| | 0530 | 207 | 998.5 | 975.7 | .. | 28.9 | 22.6 | 18.2 | 22.2 | 60 | .. | 4.0 | .. | 6.3 | 0 | 3 | 20 | 00 | 1 | 2 | 2 | 3 | 5 | 7 | 3 | 7 | 0 |
| | 0830 | 207 | 999.9 | 977.2 | +1.2 | 32.3 | 23.7 | 17.8 | 22.2 | 51 | + 9 | 3.8 | +0.8 | 9.3 | 0 | 4 | 22 | 01 | 2 | 1 | 0 | 5 | 2 | 9 | 6 | 4 | 0 |
| | 1130 | 207 | 999.6 | 977.2 | .. | 35.9 | 24.5 | 16.6 | 21.3 | 43 | .. | 4.2 | .. | 10.6 | 0 | 3 | 24 | 03 | 1 | 0 | 1 | 0 | 1 | 6 | 15 | 3 | 0 |
| | 1430 | 207 | 997.2 | 975.0 | .. | 37.3 | 24.7 | 15.6 | 20.8 | 39 | .. | 4.4 | .. | 10.3 | 0 | 2 | 26 | 04 | 1 | 2 | 0 | 1 | 3 | 9 | 8 | 2 | 0 |
| | 1730 | 207 | 996.1 | 973.8 | +1.5 | 35.8 | 24.5 | 16.5 | 21.4 | 43 | +12 | 4.6 | +0.4 | 10.2 | 0 | 2 | 28 | 02 | 1 | 3 | 1 | 1 | 2 | 8 | 12 | 0 | 0 |
| | 2030 | 207 | 997.5 | 974.9 | .. | 33.0 | 24.3 | 18.5 | 23.2 | 52 | .. | 4.1 | .. | 7.4 | 0 | 1 | 23 | 01 | 2 | 0 | 2 | 6 | 5 | 5 | 3 | 6 | 0 |
| | 2330 | 207 | 998.6 | 975.9 | .. | 31.0 | 23.6 | 18.4 | 23.1 | 57 | .. | 3.9 | .. | 6.5 | 0 | 1 | 19 | 01 | 0 | 0 | 0 | 8 | 4 | 5 | 2 | 10 | 0 |
| Sheopur | 0830 | 235 | 1000.8 | 975.0 | +1.4 | 31.1 | 23.6 | 19.7 | 22.9 | 57 | + 5 | 3.5 | -0.3 | 10.3 | 0 | 2 | 26 | 03 | 0 | 0 | 0 | 6 | 5 | 13 | 1 | 2 | 0 |
| | 1730 | 235 | 996.2 | 971.0 | +1.9 | 36.8 | 24.6 | 17.3 | 20.9 | 39 | + 4 | 5.0 | +0.3 | 14.6 | 0 | 5 | 25 | 04 | 0 | 0 | 0 | 3 | 5 | 16 | 2 | 0 | 0 |
| Shivpuri | 0830 | 464 | 1000.7 | 950.3 | .. | 30.6 | 23.5 | 19.8 | 23.8 | 59 | .. | 3.8 | .. | 15.5 | 0 | 14 | 15 | 00 | 0 | 1 | 1 | 1 | 7 | 17 | 2 | 1 | 0 |
| | 1730 | 464 | 996.1 | 946.7 | .. | 35.0 | 24.4 | 19.2 | 22.8 | 45 | .. | 4.8 | .. | 14.4 | 0 | 4 | 26 | 02 | 1 | 0 | 3 | 0 | 4 | 12 | 8 | 0 | 0 |
| Nowgong | 0830 | 229 | 1000.4 | 975.3 | +1.1 | 31.1 | 23.7 | 19.1 | 23.2 | 56 | + 2 | 4.2 | +0.5 | 6.4 | 0 | 0 | 25 | 00 | 1 | 2 | 1 | 5 | 9 | 4 | 2 | 5 | 1 |
| | 1730 | 229 | 996.7 | 972.0 | +1.8 | 34.7 | 24.3 | 18.3 | 21.8 | 50 | + 7 | 4.8 | +0.1 | 6.7 | 0 | 0 | 29 | 01 | 4 | 0 | 1 | 0 | 16 | 1 | 5 | 1 | 1 |
| Guna | 0530 | 478 | 1000.2 | 947.8 | .. | 26.9 | 21.5 | 18.1 | 21.7 | 64 | .. | 4.1 | .. | 13.0 | 0 | 5 | 23 | 01 | 0 | 1 | 1 | 3 | 9 | 11 | 2 | 2 | 0 |
| | 0830 | 478 | 1001.3 | 949.4 | +1.1 | 30.3 | 23.0 | 18.7 | 22.7 | 59 | + 3 | 4.2 | +1.0 | 9.3 | 0 | 0 | 30 | 01 | 0 | 3 | 0 | 2 | 3 | 19 | 2 | 0 | 0 |
| | 1130 | 478 | 1000.5 | 949.2 | .. | 34.0 | 24.4 | 19.0 | 23.5 | 50 | .. | 4.7 | .. | 15.8 | 0 | 7 | 23 | 01 | 0 | 3 | 0 | 0 | 3 | 19 | 4 | 0 | 0 |
| | 1430 | 478 | 997.9 | 947.0 | .. | 35.6 | 24.5 | 18.1 | 22.5 | 44 | .. | 5.7 | .. | 14.5 | 0 | 6 | 24 | 01 | 1 | 1 | 0 | 2 | 12 | 11 | 2 | 0 | 0 |
| | 1730 | 478 | 996.9 | 946.0 | +1.4 | 34.5 | 23.7 | 17.5 | 20.8 | 46 | - 6 | 5.7 | +1.3 | 13.3 | 1 | 2 | 27 | 02 | 0 | 0 | 0 | 2 | 3 | 18 | 5 | 0 | 0 |
| | 2330 | 478 | 1000.1 | 948.2 | .. | 29.6 | 22.1 | 17.7 | 21.0 | 55 | .. | 4.1 | .. | 9.7 | 0 | 2 | 24 | 01 | 0 | 1 | 1 | 4 | 6 | 12 | 1 | 4 | 0 |
| Nimach | 0830 | 496 | 1002.3 | 948.3 | +1.0 | 29.0 | 23.7 | 21.0 | 25.3 | 66 | - 1 | 4.3 | +0.5 | 19.7 | 0 | 16 | 14 | 01 | 2 | 0 | 0 | 0 | 9 | 18 | 0 | 0 | 0 |
| | 1730 | 496 | 998.0 | 945.2 | +1.1 | 34.7 | 24.0 | 18.4 | 21.8 | 44 | + 1 | 4.4 | +0.0 | 20.4 | 0 | 18 | 11 | 00 | 3 | 0 | 0 | 0 | 9 | 10 | 1 | 1 | 6 |
| Rajgarh | 0830 | 382 | 1001.8 | 960.1 | +0.8 | 30.4 | 24.2 | 20.6 | 25.2 | 61 | + 3 | 4.2 | +0.8 | 19.1 | 1 | 10 | 19 | 01 | 0 | 2 | 0 | 2 | 3 | 20 | 2 | 0 | 0 |
| | 1730 | 382 | 997.1 | 956.3 | +0.8 | 36.1 | 24.9 | 18.3 | 22.2 | 44 | + 6 | 4.9 | +0.2 | 12.7 | 0 | 6 | 24 | 04 | 1 | 0 | 0 | 1 | 1 | 17 | 6 | 0 | 0 |
| Sagar | 0830 | 551 | 1001.3 | 941.5 | +1.4 | 28.7 | 20.7 | 15.9 | 18.5 | 51 | - 7 | 4.6 | +0.4 | 6.1 | 0 | 0 | 28 | 00 | 3 | 3 | 0 | 0 | 6 | 12 | 4 | 2 | 0 |
| | 1730 | 551 | 997.3 | 938.8 | +2.1 | 34.8 | 22.9 | 15.6 | 19.1 | 41 | - 4 | 4.6 | -0.7 | 6.6 | 0 | 0 | 29 | 00 | 5 | 5 | 1 | 0 | 2 | 11 | 5 | 1 | 0 |
| Ratlam | 0830 | 486 | 1003.0 | 949.7 | +1.1 | 27.7 | 24.0 | 22.4 | 27.2 | 73 | - 7 | 5.4 | -0.1 | 15.8 | 0 | 10 | 20 | 01 | 0 | 0 | 0 | 1 | 8 | 16 | 4 | 0 | 0 |
| | 1730 | 486 | 998.1 | 946.3 | +1.1 | 34.6 | 24.7 | 20.1 | 23.8 | 47 | - 4 | 5.9 | +0.9 | 18.0 | 0 | 14 | 16 | 01 | 1 | 1 | 0 | 0 | 10 | 14 | 3 | 0 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1000.3 | 943.3 | .. | 27.5 | 21.3 | 17.0 | 20.8 | 60 | .. | 3.8 | .. | 14.7 | 0 | 10 | 20 | 00 | 3 | 0 | 0 | 3 | 6 | 16 | 2 | 0 | 0 |
| | 0530 | 523 | 1000.9 | 943.7 | .. | 26.6 | 21.0 | 17.0 | 20.8 | 61 | .. | 4.8 | .. | 15.1 | 0 | 8 | 22 | 02 | 2 | 0 | 0 | 1 | 5 | 17 | 3 | 0 | 0 |
| | 0830 | 523 | 1002.1 | 945.3 | +1.0 | 29.5 | 22.6 | 18.3 | 22.2 | 59 | - 4 | 4.5 | +0.4 | 19.7 | 0 | 20 | 9 | 02 | 0 | 1 | 0 | 1 | 3 | 18 | 4 | 1 | 0 |
| | 1130 | 523 | 1001.3 | 945.1 | .. | 32.8 | 23.4 | 17.5 | 21.8 | 50 | .. | 5.2 | .. | 18.7 | 0 | 16 | 13 | 02 | 2 | 1 | 0 | 2 | 1 | 16 | 5 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or Ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km p.h.) 62 or more | Wind Speed (Km p.h.) 20 to 61 | Wind Speed (Km p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) - contd. | 1430 | 523 | 999.2 | 942.7 | .. | 35.0 | 23.8 | 17.1 | 21.3 | 43 | .. | 5.6 | .. | 17.1 | 0 | 12 | 18 | 01 | 0 | 0 | 1 | 0 | 6 | 18 | 4 | 0 | 0 |
| | 1730 | 523 | 997.0 | 941.4 | +0.9 | 34.6 | 23.4 | 16.4 | 20.5 | 43 | + 2 | 5.2 | +0.0 | 16.9 | 0 | 12 | 18 | 05 | 4 | 0 | 0 | 0 | 6 | 9 | 6 | 0 | 0 |
| | 2030 | 523 | 999.3 | 943.1 | .. | 31.4 | 22.4 | 16.9 | 20.5 | 49 | .. | 5.3 | .. | 10.6 | 0 | 3 | 25 | 03 | 4 | 1 | 0 | 1 | 4 | 11 | 4 | 2 | 0 |
| | 2330 | 523 | 1000.8 | 944.0 | .. | 29.0 | 21.9 | 17.3 | 21.0 | 57 | .. | 4.7 | .. | 12.5 | 0 | 4 | 26 | 04 | 1 | 1 | 0 | 5 | 6 | 11 | 2 | 0 | 0 |
| Ujjain | 0830 | 489 | 1002.6 | 949.2 | .. | 28.5 | 23.5 | 21.1 | 25.2 | 67 | .. | 6.1 | .. | 21.9 | 0 | 18 | 12 | 02 | 0 | 0 | 0 | 0 | 1 | 12 | 15 | 0 | 0 |
| | 1730 | 489 | 997.6 | 945.5 | .. | 35.1 | 23.5 | 17.4 | 20.4 | 39 | .. | 6.5 | .. | 26.2 | 0 | 22 | 7 | 01 | 2 | 0 | 0 | 0 | 2 | 12 | 12 | 1 | 0 |
| Narsinghpur | 0830 | 356 | 1001.5 | 962.6 | .. | 30.8 | 26.3 | 24.3 | 30.4 | 70 | .. | . | .. | 2.7 | 0 | 0 | 29 | 00 | 4 | 0 | 1 | 0 | 15 | 0 | 9 | 1 | 0 |
| | 1730 | 356 | 997.2 | 958.9 | .. | 34.6 | 27.6 | 24.5 | 31.1 | 61 | .. | . | .. | 3.1 | 0 | 0 | 29 | 00 | 9 | 0 | 3 | 0 | 8 | 0 | 9 | 1 | 0 |
| Hoshangabad | 0830 | 302 | 1002.6 | 969.4 | +1.3 | 30.0 | 23.3 | 19.2 | 23.2 | 57 | - 5 | 4.8 | -0.1 | 3.2 | 0 | 0 | 30 | 01 | 3 | 0 | 0 | 2 | 13 | 5 | 6 | 0 | 0 |
| | 1730 | 302 | 997.1 | 964.7 | +0.9 | 36.2 | 24.2 | 16.4 | 24.0 | 39 | - 5 | 4.9[c] | -0.6 | 4.2 | 0 | 0 | 30 | 04 | 1 | 0 | 0 | 0 | 20 | 1 | 4 | 0 | 0 |
| Indore | 0530 | 567 | 1001.7 | 939.7 | .. | 25.8 | 21.9 | 19.9 | 23.5 | 72 | .. | 4.3 | .. | 19.1 | 0 | 13 | 16 | 01 | 0 | 0 | 0 | 0 | 13 | 13 | 2 | 1 | 0 |
| | 0830 | 567 | 1003.0 | 941.3 | +1.2 | 27.9 | 23.0 | 20.6 | 24.4 | 66 | - 7 | 4.3 | -0.2 | 26.1 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 1 | 14 | 11 | 4 | 0 | 0 |
| | 1130 | 567 | 1001.7 | 940.9 | .. | 32.3 | 23.4 | 19.0 | 22.1 | 49 | .. | 4.6 | .. | 25.3 | 0 | 20 | 10 | 01 | 3 | 0 | 0 | 0 | 12 | 12 | 2 | 0 | 0 |
| | 1730 | 567 | 997.6 | 937.4 | +0.8 | 34.4 | 23.2 | 17.0 | 20.1 | 40 | - 7 | 4.8 | -0.1 | 24.6 | 0 | 24 | 4 | 01 | 3 | 0 | 0 | 1 | 11 | 12 | 0 | 2 | 0 |
| | 2330 | 567 | 1001.9 | 940.3 | .. | 28.2 | 22.3 | 19.3 | 22.5 | 61 | .. | 3.9 | .. | 13.4 | 0 | 12 | 16 | 00 | 1 | 0 | 0 | 1 | 13 | 12 | 1 | 2 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1003.9 | 971.4 | +0.1 | 28.2 | 24.5 | 22.7 | 27.6 | 73 | - 3 | 5.0 | -0.4 | 10.9 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 |
| | 1730 | 293 | 999.4 | 967.8 | +0.4 | 34.6 | 24.6 | 19.4 | 22.7 | 44 | - 3 | 3.0 | +0.0 | 10.7 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 2 | 28 | 0 | 0 | 0 |
| Chhindwara | 0830 | 685 | 1001.4 | 927.7 | +0.6 | 28.5 | 22.4 | 19.2 | 22.7 | 61 | - 3 | 5.6 | +1.3 | 11.7 | 0 | 5 | 25 | 08 | 0 | 0 | 0 | 4 | 0 | 12 | 6 | 0 | 0 |
| | 1730 | 685 | 997.0 | 924.6 | +1.1 | 32.6 | 22.6 | 16.8 | 20.1 | 45 | - 8 | 7.0 | +1.5 | 10.5 | 0 | 4 | 26 | 07 | 1 | 5 | 0 | 3 | 1 | 10 | 3 | 0 | 0 |
| Seoni | 0830 | 619 | 1001.7 | 934.8 | +1.3 | 28.2 | 23.6 | 21.5 | 25.8 | 70 | + 7 | 5.2 | -0.1 | 7.8 | 0 | 0 | 30 | 01 | 0 | 0 | 1 | 3 | 15 | 7 | 3 | 0 | 0 |
| | 1730 | 619 | 998.0 | 931.7 | +1.3 | 30.5 | 23.5 | 19.9 | 23.8 | 62 | + 7 | 6.1 | +0.0 | 7.2 | 0 | 0 | 30 | 07 | 2 | 4 | 0 | 4 | 6 | 5 | 2 | 0 | 0 |
| Betul | 0830 | 653 | 1002.6 | 932.1 | +1.2 | 28.5 | 23.5 | 21.1 | 25.3 | 67 | - 3 | 5.3 | -0.2 | 10.0 | 0 | 1 | 28 | 01 | 0 | 0 | 1 | 0 | 1 | 16 | 9 | 1 | 1 |
| | 1730 | 653 | 997.0 | 928.1 | +0.8 | 34.4 | 23.9 | 18.5 | 21.8 | 43 | - 8 | 6.4 | +0.4 | 8.3 | 0 | 1 | 29 | 04 | 1 | 0 | 5 | 0 | 4 | 8 | 8 | 0 | 0 |
| Khandwa | 0830 | 318 | 1003.1 | 968.2 | +0.9 | 29.9 | 24.6 | 22.2 | 26.6 | 64 | - 2 | 4.3 | -0.3 | 5.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 20 | 5 | 4 | 0 | 0 |
| | 1730 | 318 | 997.7 | 963.6 | +0.8 | 36.7 | 25.6 | 20.0 | 23.8 | 41 | - 3 | 5.7 | +0.3 | 5.8 | 0 | 0 | 29 | 00 | 2 | 0 | 1 | 0 | 15 | 6 | 5 | 1 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 999.1 | 964.2 | .. | 27.9 | 22.5 | 18.6 | 22.8 | 65 | .. | 4.7 | .. | 6.0 | 0 | 2 | 21 | 00 | 0 | 0 | 1 | 2 | 8 | 11 | 1 | 7 | 0 |
| | 0830 | 317 | 1000.1 | 965.5 | +1.3 | 31.2 | 24.0 | 19.7 | 24.0 | 58 | + 5 | 4.1 | +0.1 | 5.4 | 0 | 1 | 28 | 00 | 2 | 0 | 1 | 5 | 4 | 16 | 1 | 1 | 0 |
| | 1130 | 317 | 999.6 | 965.4 | .. | 34.5 | 24.6 | 18.3 | 22.8 | 50 | .. | 4.6 | .. | 9.0 | 0 | 0 | 30 | 01 | 3 | 0 | 0 | 1 | 1 | 18 | 6 | 0 | 0 |
| | 1430 | 317 | 997.3 | 963.3 | .. | 35.7 | 24.8 | 18.2 | 22.2 | 47 | .. | 4.5 | .. | 9.1 | 0 | 2 | 25 | 02 | 1 | 0 | 0 | 0 | 5 | 14 | 5 | 3 | 0 |
| | 1730 | 317 | 996.5 | 962.3 | +1.6 | 34.2 | 24.7 | 18.7 | 23.2 | 53 | + 9 | 4.8 | -0.1 | 6.1 | 0 | 0 | 27 | 02 | 0 | 0 | 0 | 1 | 7 | 9 | 8 | 3 | 0 |
| | 2330 | 317 | 999.4 | 964.6 | .. | 29.4 | 23.0 | 18.8 | 22.8 | 62 | .. | 4.1 | .. | 4.4 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 3 | 4 | 11 | 2 | 10 | 0 |
| Rewa | 0830 | 299 | 999.3 | 966.7 | .. | 31.5 | 24.6 | 20.8 | 25.3 | 58 | .. | 4.4 | .. | 7.8 | 0 | 0 | 29 | 00 | 1 | 1 | 2 | 1 | 4 | 10 | 10 | 1 | 0 |
| | 1730 | 299 | 995.6 | 963.4 | .. | 34.3 | 24.4 | 17.8 | 22.4 | 50 | .. | 5.1 | .. | 7.5 | 0 | 0 | 30 | 04 | 1 | 2 | 2 | 0 | 3 | 10 | 8 | 0 | 0 |
| Sidhi | 0830 | 272 | 999.8 | 970.0 | +1.1 | 31.0 | 26.9 | 24.9 | 32.2 | 72 | +19 | . | .. | 2.1 | 0 | 0 | 24 | 02 | 0 | 4 | 2 | 13 | 0 | 3 | 0 | 6 | 0 |
| | 1730 | 272 | 995.6 | 966.3 | +0.8 | 34.9 | 27.9 | 24.6 | 31.9 | 57 | +16 | . | .. | 2.3 | 0 | 0 | 26 | 13 | 0 | 4 | 0 | 3 | 0 | 6 | 0 | 4 | 0 |
| Umaria | 0830 | 459 | 1000.9 | 951.1 | +1.6 | 30.1 | 24.7 | 22.3 | 27.1 | 66 | +11 | 5.3 | +0.5 | 8.2 | 0 | 0 | 29 | 01 | 1 | 0 | 2 | 0 | 7 | 16 | 2 | 1 | 0 |
| | 1730 | 459 | 996.9 | 947.8 | +1.6 | 33.3 | 25.4 | 21.9 | 26.6 | 59 | +13 | 5.7 | -0.1 | 4.3 | 0 | 0 | 27 | 02 | 3 | 0 | 1 | 0 | 6 | 8 | 7 | 3 | 0 |
| Jabalpur | 0530 | 393 | 1000.4 | 957.2 | .. | 26.9 | 23.0 | 20.8 | 25.0 | 73 | .. | 5.8 | .. | 3.0 | 0 | 0 | 19 | 00 | 1 | 0 | 1 | 6 | 4 | 7 | 0 | 11 | 0 |
| | 0830 | 393 | 1001.6 | 958.8 | +1.5 | 30.2 | 24.6 | 21.7 | 26.3 | 64 | + 7 | 5.0 | +0.3 | 5.8 | 0 | 1 | 26 | 00 | 0 | 2 | 1 | 5 | 8 | 11 | 0 | 3 | 0 |
| | 1130 | 393 | 1000.5 | 958.3 | .. | 34.1 | 24.8 | 19.5 | 23.7 | 50 | .. | 5.1 | .. | 6.7 | 0 | 0 | 29 | 02 | 2 | 0 | 0 | 2 | 7 | 12 | 4 | 1 | 0 |
| | 1430 | 393 | 998.1 | 956.0 | .. | 34.6 | 24.8 | 19.0 | 23.2 | 50 | .. | 6.0 | .. | 6.9 | 0 | 1 | 25 | 05 | 5 | 1 | 0 | 2 | 4 | 7 | 2 | 4 | 0 |
| | 1730 | 393 | 997.2 | 955.0 | +1.7 | 33.6 | 24.6 | 19.3 | 23.5 | 53 | + 8 | 6.2 | +0.5 | 5.5 | 0 | 0 | 27 | 03 | 3 | 2 | 0 | 3 | 4 | 10 | 2 | 3 | 0 |
| | 2030 | 393 | 999.8 | 957.0 | .. | 30.6 | 24.1 | 20.7 | 24.7 | 64 | .. | 5.8 | .. | 4.2 | 0 | 1 | 18 | 01 | 2 | 1 | 5 | 3 | 1 | 6 | 0 | 11 | 0 |
| | 2330 | 393 | 1000.5 | 957.5 | .. | 28.6 | 23.7 | 20.9 | 25.2 | 68 | .. | 5.6 | .. | 3.1 | 0 | 0 | 18 | 00 | 0 | 0 | 2 | 9 | 3 | 4 | 0 | 12 | 0 |
| Ambikapur | 0830 | 611 | 1001.0 | 934.9 | +1.2 | 28.2 | 23.5 | 21.1 | 25.5 | 69 | + 8 | 5.5 | +1.9 | 7.6 | 0 | 2 | 28 | 01 | 0 | 1 | 1 | 4 | 11 | 8 | 4 | 0 | 0 |
| | 1730 | 611 | 997.2 | 931.7 | +1.0 | 29.9 | 23.7 | 20.7 | 24.7 | 65 | +14 | 6.8 | +2.3 | 9.7 | 0 | 3 | 26 | 03 | 2 | 2 | 6 | 1 | 10 | 2 | 3 | 1 | 0 |
| Jashpurnagar | 0830 | 779 | 1000.8 | 917.2 | .. | 27.0 | 22.5 | 20.3 | 23.8 | 70 | .. | 4.4 | .. | 2.7 | 0 | 0 | 29 | 00 | 3 | 0 | 2 | 1 | 17 | 0 | 6 | 1 | 0 |
| | 1730 | 779 | 997.4 | 914.4 | .. | 27.8 | 22.6 | 19.8 | 23.5 | 68 | .. | 5.9 | .. | 2.6 | 0 | 0 | 23 | 00 | 2 | 0 | 2 | 0 | 12 | 0 | 7 | 7 | 0 |
| Pendra | 0530 | 685 | 1000.3 | 932.4 | .. | 26.0 | 22.1 | 20.0 | 23.7 | 74 | .. | 6.4 | .. | 8.7 | 0 | 4 | 19 | 02 | 0 | 1 | 1 | 10 | 4 | 3 | 2 | 7 | 0 |
| | 0830 | 685 | 1001.1 | 933.7 | +1.2 | 28.6 | 23.1 | 20.3 | 24.1 | 66 | + 6 | 5.3 | +0.1 | 9.9 | 0 | 4 | 22 | 07 | 0 | 0 | 1 | 7 | 5 | 2 | 4 | 4 | 0 |
| | 1130 | 685 | 1000.0 | 933.3 | .. | 31.3 | 23.4 | 19.2 | 22.9 | 57 | .. | 5.3 | .. | 12.9 | 0 | 5 | 25 | 05 | 0 | 1 | 2 | 6 | 2 | 7 | 7 | 0 | 0 |
| | 1430 | 685 | 997.5 | 931.2 | .. | 32.6 | 23.4 | 18.3 | 22.0 | 52 | .. | 5.6 | .. | 11.3 | 0 | 6 | 23 | 06 | 1 | 2 | 0 | 2 | 4 | 6 | 8 | 1 | 0 |
| | 1730 | 685 | 997.3 | 930.5 | +1.2 | 30.8 | 22.9 | 18.1 | 22.1 | 58 | + 3 | 6.6 | +0.4 | 8.9 | 0 | 3 | 22 | 03 | 2 | 2 | 0 | 7 | 3 | 3 | 5 | 5 | 0 |
| | 2330 | 685 | 1001.0 | 933.2 | .. | 27.0 | 22.4 | 19.9 | 23.7 | 72 | .. | 6.0 | .. | 10.6 | 0 | 5 | 18 | 01 | 0 | 0 | 1 | 10 | 6 | 5 | 0 | 7 | 0 |
| Mandla | 0830 | 443 | 1001.8 | 953.5 | +1.5 | 29.0 | 24.4 | 22.1 | 26.7 | 70 | + 6 | 5.3 | +0.8 | 3.3 | 0 | 0 | 12 | 02 | 0 | 0 | 0 | 7 | 0 | 2 | 1 | 18 | 0 |
| | 1730 | 443 | 997.5 | 949.8 | +1.6 | 32.1 | 24.8 | 20.8 | 25.3 | 59 | + 6 | 5.5 | -0.2 | 2.1 | 0 | 0 | 11 | 03 | 1 | 0 | 0 | 3 | 1 | 0 | 3 | 19 | 0 |
| Champa | 0830 | 245 | 1001.8 | 974.7 | +1.5 | 29.4 | 24.6 | 22.0 | 26.9 | 70 | +10 | 6.1 | +0.6 | 7.8 | 0 | 1 | 26 | 02 | 0 | 1 | 3 | 1 | 6 | 14 | 0 | 3 | 0 |
| | 1730 | 245 | 998.2 | 971.5 | +2.3 | 32.5 | 24.8 | 20.7 | 25.0 | 58 | +13 | 7.5 | +1.0 | 12.3 | 0 | 6 | 23 | 03 | 0 | 4 | 0 | 2 | 7 | 10 | 3 | 1 | 0 |
| Raigarh | 0830 | 220 | 1002.1 | 977.7 | +1.9 | 29.5 | 24.8 | 22.6 | 27.6 | 70 | + 9 | 5.9 | +0.4 | 3.8 | 0 | 0 | 30 | 00 | 1 | 1 | 2 | 1 | 14 | 6 | 5 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Raigarh (Contd.) | 1730 | 220 | 997.9 | 973.9 | +2.1 | 32.1 | 25.0 | 22.1 | 25.9 | 58 | +10 | 6.8 | +1.1 | 3.5 | 0 | 0 | 29 | 00 | 2 | 0 | 3 | 2 | 13 | 3 | 6 | 1 | 0 |
| Raipur | 0530 | 298 | 1001.0 | 968.0 | .. | 27.7 | 24.1 | 22.2 | 27.1 | 75 | .. | 5.9 | .. | 4.3 | 0 | 0 | 25 | 01 | 2 | 1 | 1 | 5 | 10 | 5 | 0 | 5 | 0 |
| | 0830 | 298 | 1002.5 | 969.6 | +1.8 | 29.6 | 24.9 | 22.8 | 27.6 | 70 | + 9 | 6.0 | +0.5 | 6.0 | 0 | 0 | 27 | 00 | 2 | 1 | 0 | 2 | 10 | 12 | 0 | 3 | 0 |
| | 1130 | 298 | 1001.5 | 969.0 | .. | 33.0 | 25.7 | 22.1 | 27.0 | 58 | .. | 5.7 | .. | 7.6 | 0 | 0 | 30 | 01 | 1 | 1 | 2 | 2 | 7 | 14 | 2 | 0 | 0 |
| | 1430 | 298 | 998.7 | 966.5 | .. | 34.8 | 25.9 | 21.5 | 26.1 | 52 | .. | 5.9 | .. | 4.7 | 0 | 0 | 28 | 01 | 2 | 1 | 0 | 3 | 8 | 11 | 2 | 2 | 0 |
| | 1730 | 298 | 998.3 | 965.9 | +1.8 | 32.8 | 25.3 | 21.2 | 26.1 | 57 | + 8 | 6.8 | +0.7 | 6.9 | 0 | 0 | 29 | 00 | 1 | 1 | 3 | 2 | 9 | 11 | 2 | 1 | 0 |
| | 2030 | 298 | 1000.8 | 968.1 | .. | 30.4 | 24.6 | 21.7 | 26.1 | 66 | .. | 6.2 | .. | 7.1 | 0 | 0 | 27 | 02 | 0 | 2 | 5 | 1 | 12 | 4 | 1 | 3 | 0 |
| | 2330 | 298 | 1001.5 | 968.6 | .. | 28.7 | 24.3 | 22.0 | 26.6 | 72 | .. | 6.4 | .. | 6.8 | 0 | 0 | 26 | 01 | 0 | 1 | 6 | 7 | 9 | 1 | 1 | 4 | 0 |
| Kanker | 0830 | 402 | 1002.9 | 958.9 | +1.6 | 28.9 | 24.1 | 21.9 | 26.1 | 68 | + 4 | 5.7 | -0.1 | 2.3 | 0 | 0 | 21 | 00 | 0 | 1 | 0 | 0 | 11 | 7 | 2 | 9 | 0 |
| | 1730 | 402 | 998.6 | 955.4 | +1.6 | 32.8 | 25.4 | 21.9 | 26.4 | 57 | + 2 | 5.6 | -0.6 | 5.1 | 0 | 0 | 28 | 00 | 1 | 2 | 0 | 1 | 18 | 0 | 6 | 2 | 0 |
| Jagdalpur | 0530 | 553 | 1002.3 | 941.7 | .. | 25.0 | 22.6 | 21.4 | 25.6 | 81 | .. | 7.0 | .. | 5.5 | 0 | 0 | 16 | 00 | 1 | 0 | 0 | 3 | 10 | 1 | 1 | 14 | 0 |
| | 0830 | 553 | 1003.5 | 943.3 | +1.7 | 27.2 | 23.4 | 21.7 | 25.9 | 73 | + 2 | 6.9 | +1.2 | 7.0 | 0 | 0 | 23 | 00 | 1 | 0 | 0 | 2 | 17 | 2 | 1 | 7 | 0 |
| | 1130 | 553 | 1002.5 | 942.9 | .. | 30.2 | 24.3 | 21.7 | 26.0 | 64 | .. | 6.6 | .. | 10.5 | 0 | 1 | 28 | 01 | 0 | 0 | 1 | 2 | 14 | 7 | 4 | 1 | 0 |
| | 1430 | 553 | 1000.0 | 940.8 | .. | 31.5 | 24.4 | 21.2 | 25.2 | 58 | .. | 6.6 | .. | 9.8 | 0 | 0 | 29 | 01 | 1 | 0 | 1 | 0 | 12 | 11 | 3 | 1 | 0 |
| | 1730 | 553 | 999.6 | 940.2 | +1.8 | 29.9 | 24.1 | 21.5 | 25.8 | 63 | + 2 | 7.1 | +0.8 | 6.8 | 0 | 0 | 25 | 00 | 2 | 0 | 1 | 3 | 13 | 5 | 1 | 5 | 0 |
| | 2030 | 553 | 1002.1 | 942.1 | .. | 27.7 | 23.9 | 22.2 | 26.8 | 74 | .. | 8.4 | .. | 3.1 | 0 | 0 | 12 | 00 | 1 | 1 | 1 | 3 | 4 | 2 | 0 | 18 | 0 |
| | 2330 | 553 | 1002.9 | 942.5 | .. | 26.3 | 23.1 | 21.7 | 26.0 | 78 | .. | 6.4 | .. | 4.3 | 0 | 0 | 17 | 00 | 0 | 3 | 2 | 6 | 3 | 3 | 0 | 13 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1002.8 | 987.5 | +1.1 | 28.4 | 25.4 | 24.0 | 30.0 | 77 | + 3 | 6.1 | +1.3 | 13.0 | 0 | 2 | 28 | 00 | 0 | 0 | 11 | 1 | 15 | 0 | 3 | 0 | 0 |
| | 1730 | 136 | 997.8 | 983.0 | +0.9 | 37.2 | 25.5 | 19.2 | 22.9 | 40 | - 1 | 5.0 | +1.3 | 15.0 | 0 | 7 | 23 | 00 | 0 | 0 | 4 | 1 | 19 | 1 | 5 | 0 | 0 |
| Radhanpur | 0830 | 30 | @ | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 30 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Idar | 0830 | 219 | 1003.4 | 979.0 | +0.6 | 28.4 | 24.9 | 23.3 | 28.6 | 75 | + 0 | 6.4 | +0.9 | 4.0 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 2 | 13 | 13 | 0 | 1 | 0 |
| | 1730 | 219 | 998.6 | 975.0 | +0.0 | 36.1 | 24.9 | 18.6 | 22.4 | 42 | - 5 | 5.0 | +0.7 | 5.5 | 0 | 0 | 0 | 00 | 0 | 1 | 0 | 2 | 14 | 12 | 1 | 0 | 0 |
| Ahmadabad | 0230 | 55 | 1001.8 | 995.5 | .. | 28.9 | 25.3 | 23.7 | 29.3 | 75 | .. | 2.4 | .. | 11.4 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 3 | 13 | 12 | 1 | 1 | 0 |
| | 0530 | 55 | 1001.7 | 995.5 | .. | 27.7 | 25.1 | 24.0 | 29.7 | 81 | .. | 3.8 | .. | 10.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 4 | 15 | 8 | 2 | 1 | 0 |
| | 0830 | 55 | 1003.3 | 997.1 | +0.5 | 29.3 | 26.0 | 24.5 | 30.7 | 76 | - 1 | 5.4 | +0.6 | 11.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 3 | 16 | 9 | 2 | 0 | 0 |
| | 1130 | 55 | 1003.2 | 997.0 | .. | 33.2 | 26.3 | 23.1 | 28.6 | 57 | .. | 5.1 | .. | 12.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 15 | 9 | 3 | 1 | 1 |
| | 1430 | 55 | 1000.7 | 994.6 | .. | 36.9 | 26.5 | 21.7 | 25.9 | 44 | .. | 4.8 | .. | 13.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 2 | 11 | 15 | 2 | 0 | 0 |
| | 1730 | 55 | 999.0 | 992.9 | +1.3 | 36.5 | 26.3 | 21.2 | 25.8 | 47 | + 6 | 4.2 | +0.3 | 16.9 | 0 | 8 | 22 | 01 | 0 | 0 | 0 | 9 | 10 | 7 | 3 | 0 | 0 |
| | 2030 | 55 | 1000.5 | 994.3 | .. | 32.1 | 26.1 | 23.3 | 28.9 | 63 | .. | 3.9 | .. | 15.3 | 0 | 11 | 15 | 00 | 0 | 0 | 0 | 7 | 14 | 5 | 0 | 4 | 0 |
| | 2330 | 55 | 1002.1 | 995.9 | .. | 30.3 | 25.9 | 23.9 | 29.8 | 71 | .. | 2.8 | .. | 15.0 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 4 | 19 | 6 | 1 | 0 | 0 |
| Dohad | 0830 | 333 | 1103.3 | 966.5 | +0.3 | 28.0 | 24.2 | 22.4 | 27.1 | 73 | - 2 | 4.7 | +0.3 | 25.7 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 1 | 16 | 13 | 0 | 0 | 0 |
| | 1730 | 333 | 998.6 | 962.9 | +0.8 | 35.0 | 24.1 | 17.7 | 21.0 | 40 | - 5 | 3.5 | -0.1 | 28.8 | 0 | 25 | 5 | 00 | 0 | 1 | 0 | 0 | 15 | 13 | 1 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1003.5 | 998.6 | .. | 28.0 | 26.1 | 25.1 | 32.2 | 83 | .. | 4.3 | .. | 9.3 | 0 | 0 | 30 | 00 | 0 | 1 | 0 | 5 | 21 | 2 | 1 | 0 | 0 |
| | 1730 | 44 | 999.7 | 994.8 | .. | 35.1 | 26.8 | 23.1 | 28.4 | 54 | .. | 3.3 | .. | 13.2 | 0 | 5 | 24 | 01 | 0 | 0 | 0 | 7 | 20 | 1 | 0 | 1 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1003.8 | 999.5 | +0.6 | 29.0 | 26.7 | 25.7 | 33.0 | 83 | + 8 | 4.9 | +0.0 | 20.3 | 0 | 14 | 16 | 00 | 0 | 0 | 0 | 5 | 17 | 7 | 1 | 0 | 0 |
| | 1130 | 38 | 1003.6 | 999.4 | .. | 32.6 | 27.2 | 24.9 | 31.6 | 66 | .. | 4.8 | .. | 22.2 | 0 | 16 | 14 | 00 | 0 | 0 | 1 | 1 | 22 | 4 | 2 | 0 | 0 |
| | 1730 | 38 | 999.8 | 995.6 | +0.9 | 34.9 | 27.5 | 24.3 | 30.5 | 57 | + 5 | 3.3 | -0.5 | 26.9 | 0 | 24 | 5 | 01 | 0 | 0 | 0 | 3 | 19 | 4 | 2 | 1 | 0 |
| Baroda | 0530 | 34 | 1002.4 | 998.5 | .. | 27.6 | 26.0 | 25.5 | 32.2 | 88 | .. | 3.6 | .. | 3.4 | 0 | 1 | 20 | 00 | 0 | 0 | 1 | 0 | 20 | 0 | 0 | 9 | 0 |
| | 0830 | 34 | 1004.0 | 1000.0 | +0.6 | 29.2 | 26.8 | 25.9 | 33.2 | 82 | + 8 | 4.9 | +0.6 | 5.9 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 26 | 1 | 2 | 1 | 0 |
| | 1130 | 34 | 1003.8 | 999.9 | .. | 32.7 | 27.1 | 24.7 | 31.3 | 65 | .. | 5.4 | .. | 6.3 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 25 | 1 | 2 | 2 | 0 |
| | 1730 | 34 | 1000.2 | 996.3 | +1.2 | 35.4 | 27.2 | 23.5 | 29.3 | 54 | + 3 | 3.3 | +0.0 | 7.9 | 0 | 0 | 30 | 00 | 1 | 0 | 1 | 0 | 26 | 2 | 0 | 0 | 0 |
| | 2330 | 34 | 1003.2 | 999.2 | .. | 29.2 | 26.5 | 25.5 | 32.2 | 81 | .. | 2.3 | .. | 9.2 | 0 | 2 | 28 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 |
| Broach | 0830 | 17 | 1003.5 | 1001.5 | +0.6 | 28.1 | 25.9 | 25.0 | 31.7 | 83 | + 4 | 5.8 | +1.1 | 8.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 4 | 21 | 2 | 3 | 0 | 0 |
| | 1730 | 17 | 1000.4 | 998.5 | +1.0 | 33.6 | 27.0 | 24.1 | 30.0 | 59 | - 1 | 3.4 | +0.1 | 13.8 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 26 | 3 | 1 | 0 | 0 |
| Surat | 0530 | 12 | 1002.8 | 1001.5 | .. | 27.4 | 25.7 | 24.9 | 31.5 | 87 | .. | 4.3 | .. | 9.3 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 |
| | 0830 | 12 | 1004.5 | 1003.2 | +0.8 | 28.9 | 26.2 | 25.1 | 31.7 | 80 | + 3 | 5.3 | -0.8 | 8.9 | 0 | 0 | 30 | 00 | 0 | 0 | 2 | 2 | 24 | 0 | 2 | 0 | 0 |
| | 1130 | 12 | 1004.8 | 1003.5 | .. | 31.1 | 26.6 | 24.6 | 31.1 | 70 | .. | 5.4 | .. | 13.1 | 0 | 4 | 26 | 00 | 0 | 0 | 1 | 1 | 26 | 0 | 2 | 0 | 0 |
| | 1730 | 12 | 1002.0 | 1000.7 | +1.2 | 31.2 | 26.8 | 25.0 | 31.7 | 70 | + 0 | 4.7 | +0.4 | 18.0 | 0 | 15 | 15 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 |
| | 2330 | 12 | 1004.1 | 1002.8 | .. | 28.5 | 26.2 | 25.2 | 32.2 | 82 | .. | 2.5 | .. | 11.9 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1002.0 | 999.6 | +0.1 | 28.9 | 27.0 | 26.0 | 34.2 | 83 | + 5 | 5.8 | +0.5 | 14.5 | 0 | 11 | 18 | 00 | 0 | 0 | 1 | 4 | 22 | 2 | 0 | 1 | 0 |
| | 1730 | 21 | 999.5 | 997.1 | -0.1 | 31.5 | 27.5 | 25.9 | 33.9 | 74 | + 6 | 4.9 | -0.5 | 20.0 | 0 | 16 | 14 | 00 | 1 | 0 | 0 | 5 | 21 | 3 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1000.9 | 991.8 | .. | 27.5 | 26.3 | 25.7 | 33.2 | 90 | .. | 2.7 | .. | 17.8 | 0 | 8 | 20 | 00 | 0 | 0 | 0 | 0 | 16 | 12 | 0 | 2 | 0 |
| | 0530 | 80 | 1000.6 | 991.6 | .. | 27.1 | 26.1 | 25.7 | 33.0 | 92 | .. | 3.2 | .. | 14.5 | 0 | 5 | 23 | 00 | 0 | 0 | 0 | 0 | 18 | 10 | 0 | 2 | 0 |
| | 0830 | 80 | 1001.9 | 992.9 | +0.2 | 29.0 | 26.6 | 25.6 | 32.8 | 82 | +10 | 4.4 | +0.5 | 20.7 | 0 | 15 | 15 | 01 | 0 | 0 | 0 | 0 | 15 | 12 | 2 | 0 | 0 |
| | 1130 | 80 | 1001.7 | 992.9 | .. | 33.7 | 27.0 | 24.1 | 30.0 | 59 | .. | 4.4 | .. | 25.3 | 0 | 22 | 8 | 01 | 0 | 0 | 0 | 0 | 13 | 13 | 3 | 0 | 0 |
| | 1430 | 80 | 1000.2 | 991.4 | .. | 35.5 | 27.4 | 23.9 | 29.7 | 53 | .. | 4.2 | .. | 25.7 | 0 | 22 | 7 | 00 | 0 | 0 | 0 | 0 | 12 | 15 | 2 | 1 | 0 |
| | 1730 | 80 | 999.1 | 990.3 | +0.8 | 34.0 | 27.0 | 24.0 | 29.8 | 58 | + 8 | 4.3 | +1.3 | 27.3 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 18 | 8 | 4 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj(Rudramata)(Contd.) | 2030 | 80 | 1000.5 | 991.6 | .. | 29.8 | 26.6 | 25.2 | 32.2 | 77 | .. | 3.3 | .. | 22.8 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 19 | 8 | 3 | 0 | 0 |
| | 2330 | 80 | 1001.9 | 992.8 | .. | 28.3 | 26.5 | 25.7 | 33.2 | 86 | .. | 2.4 | .. | 20.5 | 0 | 16 | 12 | 00 | 0 | 0 | 1 | 0 | 16 | 9 | 2 | 2 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1002.5 | 998.6 | .. | 29.9 | 26.2 | 24.6 | 30.9 | 73 | .. | 4.1 | .. | 24.5 | 0 | 17 | 13 | 00 | 0 | 0 | 0 | 2 | 22 | 6 | 0 | 0 | 0 |
| | 1130 | 35 | 1002.4 | 998.5 | .. | 33.5 | 28.1 | 26.0 | 33.6 | 66 | .. | 4.1 | .. | 28.1 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 3 | 21 | 5 | 1 | 0 | 0 |
| | 1730 | 35 | 999.6 | 995.8 | .. | 34.8 | 28.3 | 25.7 | 33.0 | 61 | .. | 3.6 | .. | 29.2 | 0 | 23 | 7 | 00 | 0 | 0 | 0 | 4 | 19 | 7 | 0 | 0 | 1 |
| New Kandla | 0830 | 14 | 1002.9 | 1001.3 | -0.2 | 29.3 | 26.2 | 24.7 | 31.5 | 77 | + 0 | 5.6 | +1.3 | 26.1 | 0 | 22 | 8 | 00 | 0 | 0 | 0 | 3 | 13 | 11 | 3 | 0 | 0 |
| | 1730 | 14 | 1000.0 | 998.4 | -0.1 | 32.5 | 26.7 | 24.0 | 30.2 | 62 | + 3 | 3.3 | +0.7 | 36.6 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 1 | 15 | 14 | 0 | 0 | 0 |
| Mandvi | 0830 | 9 | 1002.8 | 1001.7 | +0.7 | 29.1 | 27.0 | 26.1 | 33.6 | 84 | - 4 | 5.8 | +1.5 | 33.9 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 2 | 15 | 13 | 0 | 0 | 0 |
| | 1730 | 9 | 1000.7 | 999.6 | +0.8 | 30.4 | 27.7 | 26.7 | 35.0 | 81 | - 4 | 4.7 | +0.8 | 32.6 | 0 | 26 | 4 | 00 | 0 | 0 | 1 | 3 | 17 | 9 | 0 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1003.2 | 994.9 | +0.8 | 29.3 | 26.8 | 25.7 | 33.0 | 81 | + 2 | 5.1 | +1.2 | 13.3 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 3 | 12 | 14 | 1 | 0 | 0 |
| | 1730 | 74 | 999.0 | 990.9 | +1.0 | 36.3 | 26.9 | 22.5 | 27.7 | 49 | + 1 | 5.2 | +0.7 | 14.0 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 5 | 1 | 22 | 2 | 0 | 0 |
| Okha | 0530 | 7 | 1001.6 | 1000.8 | .. | 28.0 | 27.1 | 26.8 | 35.2 | 93 | .. | 4.0 | .. | 21.5 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 0 | 20 | 9 | 1 | 0 | 0 |
| | 0830 | 7 | 1003.0 | 1002.2 | .. | 29.1 | 27.6 | 27.0 | 35.9 | 89 | .. | 4.6 | .. | 26.6 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 0 | 20 | 8 | 2 | 0 | 0 |
| | 1130 | 7 | 1003.4 | 1002.6 | .. | 30.5 | 28.2 | 27.4 | 36.5 | 84 | .. | 4.6 | .. | 27.5 | 0 | 24 | 6 | 00 | 0 | 0 | 1 | 0 | 15 | 12 | 1 | 0 | 0 |
| | 1730 | 7 | 1001.1 | 1000.3 | .. | 30.4 | 28.5 | 27.8 | 37.4 | 86 | .. | 4.5 | .. | 27.4 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 1 | 18 | 9 | 2 | 0 | 0 |
| | 2330 | 7 | 1002.9 | 1002.1 | .. | 28.5 | 27.7 | 27.3 | 36.5 | 93 | .. | 2.7 | .. | 20.2 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 1 | 19 | 9 | 1 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1001.3 | 999.0 | .. | 26.7 | 25.6 | 25.1 | 31.9 | 91 | .. | 3.1 | .. | 20.4 | 0 | 12 | 18 | 00 | 0 | 0 | 0 | 6 | 19 | 5 | 0 | 0 | 0 |
| | 0830 | 20 | 1002.3 | 1000.0 | +0.2 | 29.2 | 26.7 | 25.7 | 33.0 | 82 | +13 | 4.9 | -0.1 | 26.2 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 3 | 18 | 9 | 0 | 0 | 0 |
| | 1130 | 20 | 1002.3 | 1000.1 | .. | 32.4 | 27.3 | 25.2 | 32.2 | 67 | .. | 5.0 | .. | 27.5 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 0 | 11 | 17 | 2 | 0 | 0 |
| | 1730 | 20 | 999.9 | 997.7 | +1.3 | 32.2 | 27.1 | 25.0 | 31.7 | 67 | + 5 | 3.9 | +0.4 | 32.3 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 2 | 9 | 15 | 4 | 0 | 0 |
| | 2330 | 20 | 1002.0 | 999.8 | .. | 28.1 | 26.1 | 25.3 | 32.2 | 85 | .. | 2.2 | .. | 22.9 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 1 | 18 | 10 | 1 | 0 | 0 |
| Dwarka | 0830 | 11 | 1003.0 | 1001.7 | +0.5 | 29.1 | 28.5 | 28.1 | 38.5 | 95 | +14 | 4.9 | +0.0 | 23.5 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | 0 | 0 |
| | 1730 | 11 | 1001.0 | 999.7 | +0.8 | 30.1 | 29.1 | 28.7 | 39.4 | 92 | +15 | 4.2 | -0.5 | 23.1 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 0 | 11 | 19 | 0 | 0 | 0 |
| Rajkot | 0530 | 138 | 1001.7 | 986.2 | .. | 26.0 | 24.9 | 24.4 | 30.7 | 90 | .. | 3.5 | .. | 20.7 | 0 | 22 | 8 | 00 | 0 | 0 | 0 | 5 | 19 | 4 | 2 | 0 | 0 |
| | 0830 | 138 | 1003.0 | 987.7 | +0.5 | 28.2 | 26.0 | 25.0 | 31.9 | 84 | + 8 | 3.2 | -1.5 | 29.3 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 2 | 20 | 6 | 2 | 0 | 0 |
| | 1130 | 138 | 1002.5 | 987.4 | .. | 32.9 | 27.1 | 24.7 | 31.1 | 64 | .. | 3.7 | .. | 31.1 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 2 | 11 | 11 | 6 | 0 | 0 |
| | 1430 | 138 | 1000.5 | 985.5 | .. | 34.9 | 27.6 | 24.3 | 30.7 | 57 | .. | 3.6 | .. | 33.5 | 0 | 28 | 2 | 01 | 1 | 0 | 0 | 1 | 9 | 12 | 6 | 0 | 0 |
| | 1730 | 138 | 999.7 | 984.6 | +1.0 | 33.6 | 26.9 | 23.9 | 30.0 | 61 | +13 | 3.0 | -1.7 | 35.7 | 0 | 26 | 4 | 00 | 1 | 0 | 0 | 0 | 10 | 10 | 9 | 0 | 0 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1003.9 | 1002.7 | +0.5 | 30.0 | 25.8 | 23.9 | 29.8 | 70 | + 5 | 4.1 | -0.2 | 24.3 | 0 | 23 | 7 | 00 | 0 | 0 | 0 | 1 | 22 | 5 | 2 | 0 | 0 |
| | 1130 | 11 | 1003.6 | 1002.4 | ... | 33.8 | 25.7 | 21.9 | 26.3 | 51 | .. | 4.9 | .. | 22.8 | 0 | 21 | 8 | 02 | 0 | 0 | 0 | 1 | 18 | 7 | 1 | 1 | 0 |
| | 1730 | 11 | 1000.2 | 999.0 | +0.9 | 34.4 | 26.4 | 22.8 | 27.7 | 54 | + 7 | 4.4 | -0.2 | 39.7 | 0 | 29 | 1 | 00 | 0 | 0 | 2 | 10 | 16 | 2 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1003.4 | 1002.6 | +0.9 | 29.2 | 26.5 | 25.3 | 32.2 | 80 | - 4 | 4.2 | -0.7 | 22.0 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 2 | 20 | 6 | 2 | 0 | 0 |
| | 1130 | 7 | 1003.8 | 1003.0 | .. | 30.7 | 26.9 | 25.3 | 32.2 | 74 | .. | 4.4 | .. | 23.0 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 2 | 20 | 6 | 2 | 0 | 0 |
| | 1730 | 7 | 1001.5 | 1000.7 | +1.0 | 30.3 | 26.9 | 25.5 | 32.6 | 76 | - 3 | 4.1 | -1.9 | 27.1 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 3 | 20 | 5 | 2 | 0 | 0 |
| Keshod | 0830 | 51 | 1003.6 | 997.8 | -0.3 | 29.0 | 25.7 | 24.3 | 30.4 | 76 | + 1 | 4.7 | +0.3 | 25.0 | 0 | 23 | 7 | 00 | 0 | 0 | 0 | 2 | 14 | 12 | 2 | 0 | 0 |
| | 1130 | 51 | 1003.6 | 997.9 | .. | 31.7 | 25.9 | 23.3 | 28.6 | 63 | .. | 4.8 | .. | 31.5 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 2 | 14 | 12 | 2 | 0 | 0 |
| | 1730 | 51 | 1001.4 | 995.7 | -0.1 | 31.6 | 25.7 | 23.1 | 28.3 | 63 | + 0 | 4.5 | +0.3 | 33.9 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 1 | 17 | 11 | 1 | 0 | 0 |
| Mahuva | 0830 | 9 | 1004.0 | 1003.0 | .. | 29.0 | 26.6 | 25.6 | 32.8 | 83 | .. | 5.8 | .. | 6.0 | 0 | 0 | 28 | 01 | 0 | 1 | 0 | 4 | 10 | 13 | 0 | 2 | 0 |
| | 1730 | 9 | 1001.3 | 1000.3 | .. | 31.0 | 26.9 | 25.2 | 32.2 | 72 | .. | 4.9 | .. | 15.1 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 5 | 24 | 1 | 0 | 0 | 0 |
| Veraval | 0230 | 8 | 1002.7 | 1001.8 | .. | 28.1 | 26.8 | 26.2 | 34.2 | 90 | .. | 3.6 | .. | 30.5 | 0 | 25 | 5 | 01 | 0 | 0 | 0 | 2 | 13 | 10 | 4 | 0 | 0 |
| | 0530 | 8 | 1002.3 | 1001.4 | .. | 27.9 | 26.6 | 26.1 | 33.8 | 90 | .. | 5.0 | .. | 33.3 | 0 | 26 | 4 | 01 | 0 | 0 | 0 | 1 | 15 | 10 | 3 | 0 | 0 |
| | 0830 | 8 | 1004.1 | 1003.2 | +0.7 | 28.5 | 26.9 | 26.2 | 34.2 | 88 | + 5 | 5.0 | +0.2 | 28.1 | 0 | 22 | 8 | 01 | 0 | 0 | 1 | 1 | 12 | 10 | 5 | 0 | 0 |
| | 1130 | 8 | 1004.4 | 1003.5 | .. | 30.3 | 27.7 | 26.8 | 35.0 | 82 | .. | 3.7 | .. | 27.9 | 0 | 22 | 8 | 01 | 0 | 0 | 0 | 2 | 14 | 12 | 1 | 0 | 0 |
| | 1430 | 8 | 1003.2 | 1002.3 | .. | 30.5 | 27.9 | 26.8 | 35.4 | 81 | .. | 4.0 | .. | 29.1 | 0 | 28 | 2 | 00 | 0 | 0 | 0 | 2 | 16 | 10 | 2 | 0 | 0 |
| | 1730 | 8 | 1002.0 | 1001.1 | +0.9 | 29.6 | 27.5 | 26.7 | 35.0 | 85 | + 1 | 4.6 | +0.2 | 30.4 | 0 | 26 | 4 | 00 | 0 | 0 | 0 | 2 | 15 | 11 | 2 | 0 | 0 |
| | 2030 | 8 | 1002.9 | 1002.0 | .. | 28.7 | 27.1 | 26.5 | 34.6 | 88 | .. | 3.5 | .. | 30.3 | 0 | 26 | 4 | 00 | 0 | 0 | 0 | 2 | 15 | 10 | 3 | 0 | 0 |
| | 2330 | 8 | 1003.9 | 1003.0 | .. | 28.4 | 27.3 | 26.5 | 35.4 | 89 | .. | 3.4 | .. | 30.5 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 3 | 16 | 8 | 3 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1005.0 | 1004.5 | +1.2 | 28.7 | 26.2 | 25.1 | 31.9 | 81 | - 5 | . | .. | 13.6 | 0 | 6 | 24 | 00 | 0 | 0 | 1 | 5 | 14 | 10 | 0 | 0 | 0 |
| | 1730 | 5 | 1002.9 | 1002.4 | +1.3 | 29.9 | 26.8 | 25.5 | 32.6 | 78 | - 3 | . | .. | 12.7 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 6 | 19 | 5 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1004.5 | 1002.9 | +1.8 | 27.6 | 25.5 | 24.6 | 30.7 | 84 | + 3 | 5.1 | -0.2 | 14.3 | 0 | 7 | 21 | 00 | 0 | 0 | 0 | 7 | 14 | 5 | 2 | 2 | 0 |
| | 0530 | 14 | 1004.4 | 1002.8 | .. | 27.5 | 25.6 | 24.8 | 31.1 | 85 | .. | 5.8 | .. | 14.7 | 0 | 9 | 20 | 00 | 0 | 1 | 1 | 5 | 15 | 4 | 3 | 1 | 0 |
| | 0830 | 14 | 1005.9 | 1004.3 | +1.4 | 28.5 | 26.0 | 25.0 | 31.5 | 82 | + 2 | 6.7 | +0.4 | 15.2 | 0 | 10 | 18 | 00 | 0 | 0 | 2 | 2 | 8 | 12 | 4 | 2 | 0 |
| | 1130 | 14 | 1006.0 | 1004.4 | .. | 30.6 | 26.8 | 25.2 | 32.1 | 74 | .. | 6.5 | .. | 22.7 | 0 | 20 | 10 | 00 | 0 | 0 | 1 | 2 | 12 | 13 | 2 | 0 | 0 |
| | 1430 | 14 | 1004.6 | 1003.0 | .. | 30.8 | 26.7 | 25.0 | 31.5 | 72 | .. | 6.3 | .. | 22.6 | 0 | 20 | 10 | 00 | 0 | 1 | 0 | 0 | 13 | 9 | 7 | 0 | 0 |
| | 1730 | 14 | 1003.7 | 1002.1 | +1.4 | 30.0 | 26.4 | 24.9 | 31.5 | 74 | + 0 | 6.1 | +0.2 | 23.0 | 0 | 9 | 21 | 01 | 0 | 0 | 0 | 1 | 14 | 10 | 4 | 0 | 0 |
| | 2030 | 14 | 1005.1 | 1003.5 | .. | 28.6 | 25.9 | 24.8 | 31.1 | 81 | .. | 5.3 | .. | 16.7 | 0 | 13 | 16 | 00 | 0 | 0 | 0 | 2 | 18 | 5 | 4 | 1 | 0 |
| | 2330 | 14 | 1005.7 | 1004.1 | .. | 28.3 | 25.8 | 24.8 | 31.1 | 82 | .. | 4.8 | .. | 16.5 | 0 | 22 | 8 | 01 | 0 | 0 | 1 | 4 | 18 | 4 | 2 | 0 | 0 |
| Bombay | 0830 | 11 | 1005.9 | 1004.7 | +1.1 | 28.8 | 26.3 | 25.3 | 32.2 | 82 | + 2 | 6.0 | +0.3 | 12.8 | 0 | 2 | 28 | 00 | 0 | 0 | 3 | 2 | 12 | 11 | 2 | 0 | 0 |
| | 1130 | 11 | 1006.1 | 1004.9 | .. | 30.4 | 27.0 | 25.6 | 32.8 | 76 | .. | 5.3 | .. | 13.6 | 0 | 7 | 23 | 00 | 0 | 1 | 1 | 3 | 10 | 12 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Contd.) | 1730 | 11 | 1003.9 | 1002.7 | +1.3 | 30.2 | 26.6 | 25.1 | 31.9 | 75 | - 3 | 5.2 | -0.3 | 14.5 | 0 | 5 | 25 | 00 | 0 | 0 | 0 | 2 | 14 | 7 | 7 | 0 | 0 |
| Alibag | 0830 | 7 | 1005.9 | 1005.1 | +0.5 | 28.5 | 26.7 | 26.0 | 33.6 | 87 | + 3 | 6.8 | +0.8 | 21.4 | 0 | 19 | 10 | 01 | 0 | 0 | 2 | 8 | 7 | 3 | 3 | 1 | 5 |
| Bhira | 0830 | 96 | 1005.9 | 995.1 | .. | 27.1 | 25.0 | 24.0 | 30.0 | 84 | .. | 7.1 | .. | 1.2 | 0 | 0 | 13 | 00 | 0 | 2 | 3 | 3 | 3 | 1 | 1 | 17 | 0 |
| | 1730 | 96 | 1003.1 | 992.5 | .. | 30.4 | 25.6 | 23.4 | 28.9 | 68 | .. | 6.8 | .. | 2.4 | 0 | 0 | 22 | 03 | 1 | 0 | 2 | 0 | 9 | 2 | 5 | 8 | 0 |
| Harnai | 0830 | 20 | 1006.5 | 1004.1 | +1.3 | 28.3 | 26.7 | 26.2 | 34.0 | 89 | + 2 | 7.6 | +1.3 | 17.3 | 0 | 11 | 18 | 01 | 0 | 0 | 0 | 10 | 2 | 10 | 5 | 1 | 1 |
| | 1730 | 20 | 1004.7 | 1002.4 | +1.5 | 28.5 | 27.3 | 26.6 | 35.2 | 88 | + 4 | 7.1 | +1.0 | 18.7 | 0 | 10 | 20 | 02 | 0 | 0 | 0 | 7 | 5 | 11 | 4 | 0 | 1 |
| Ratnagiri | 0830 | 35 | 1006.6 | 1002.7 | +0.9 | 27.7 | 25.8 | 25.0 | 31.5 | 86 | + 1 | 6.7 | +0.6 | 13.7 | 0 | 9 | 19 | 00 | 2 | 5 | 5 | 0 | 6 | 8 | 2 | 2 | 0 |
| | 1730 | 35 | 1004.6 | 1000.7 | +0.9 | 29.6 | 26.4 | 25.1 | 31.9 | 78 | - 2 | 5.8 | -0.3 | 17.4 | 0 | 10 | 20 | 00 | 0 | 1 | 1 | 1 | 9 | 13 | 5 | 0 | 0 |
| Devgarh | 0830 | 36 | 1006.9 | 1002.9 | +1.0 | 27.2 | 25.7 | 25.0 | 31.9 | 88 | + 1 | 6.7 | +0.2 | 18.2 | 0 | 15 | 15 | 00 | 2 | 2 | 4 | 1 | 5 | 9 | 7 | 0 | 0 |
| | 1730 | 36 | 1005.2 | 1001.2 | +1.1 | 29.0 | 26.8 | 25.8 | 33.4 | 83 | + 1 | 6.1 | -0.3 | 22.9 | 0 | 18 | 12 | 00 | 0 | 0 | 3 | 2 | 9 | 10 | 6 | 0 | 0 |
| Vengurla | 0230 | 9 | 1006.5 | 1005.5 | .. | 26.3 | 25.0 | 24.5 | 30.7 | 89 | .. | 6.8 | .. | 3.4 | 0 | 0 | 19 | 02 | 0 | 1 | 1 | 0 | 9 | 3 | 3 | 11 | 0 |
| | 0530 | 9 | 1006.2 | 1005.2 | .. | 26.2 | 25.0 | 24.5 | 30.7 | 91 | .. | 6.9 | .. | 4.7 | 0 | 0 | 22 | 03 | 1 | 0 | 3 | 1 | 6 | 5 | 3 | 8 | 0 |
| | 0830 | 9 | 1007.7 | 1006.7 | +1.0 | 27.1 | 25.3 | 24.6 | 30.7 | 86 | + 0 | 6.6 | -0.2 | 3.9 | 0 | 0 | 23 | 03 | 0 | 2 | 2 | 2 | 7 | 3 | 4 | 7 | 0 |
| | 1130 | 9 | 1007.9 | 1006.9 | .. | 29.1 | 26.4 | 25.2 | 32.2 | 80 | .. | 6.3 | .. | 6.3 | 0 | 0 | 28 | 02 | 0 | 0 | 0 | 8 | 9 | 5 | 4 | 2 | 0 |
| | 1730 | 9 | 1005.8 | 1004.8 | +1.1 | 28.6 | 26.0 | 24.9 | 31.5 | 81 | + 0 | 7.0 | +0.3 | 7.8 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 4 | 14 | 6 | 4 | 2 | 0 |
| Panjim | 2330 | 9 | 1008.0 | 1007.0 | .. | 26.9 | 25.5 | 24.9 | 31.5 | 89 | .. | 6.9 | .. | 4.3 | 0 | 0 | 20 | 03 | 0 | 1 | 0 | 1 | 12 | 1 | 2 | 10 | 0 |
| | 0530 | 60 | 1006.2 | 999.4 | .. | 25.9 | 24.5 | 23.9 | 29.7 | 89 | .. | 6.4 | .. | 9.7 | 0 | 1 | 26 | 01 | 2 | 3 | 5 | 2 | 5 | 6 | 3 | 3 | 0 |
| | 0830 | 60 | 1007.7 | 1000.9 | .. | 26.7 | 25.1 | 24.3 | 30.4 | 87 | .. | 6.7 | .. | 8.5 | 0 | 2 | 20 | 00 | 1 | 0 | 4 | 3 | 5 | 6 | 3 | 8 | 0 |
| | 1130 | 60 | 1007.8 | 1001.0 | .. | 28.8 | 25.9 | 24.7 | 31.1 | 79 | .. | 6.5 | .. | 13.8 | 0 | 6 | 22 | 02 | 0 | 0 | 0 | 5 | 6 | 11 | 4 | 2 | 0 |
| | 1430 | 60 | 1006.4 | 999.6 | .. | 29.4 | 26.1 | 24.8 | 31.1 | 77 | .. | 6.4 | .. | 17.7 | 0 | 14 | 15 | 00 | 0 | 0 | 1 | 1 | 7 | 12 | 8 | 1 | 0 |
| | 1730 | 60 | 1005.6 | 998.9 | .. | 28.3 | 25.7 | 24.6 | 30.9 | 81 | .. | 6.4 | .. | 14.3 | 0 | 6 | 22 | 02 | 0 | 1 | 0 | 2 | 7 | 11 | 5 | 2 | 0 |
| | 2030 | 60 | 1007.1 | 1000.3 | .. | 27.1 | 25.0 | 24.1 | 30.0 | 84 | .. | 5.9 | .. | 12.9 | 0 | 6 | 22 | 01 | 0 | 2 | 1 | 3 | 6 | 7 | 8 | 2 | 0 |
| | 2330 | 60 | 1008.0 | 1001.2 | .. | 26.5 | 24.8 | 24.1 | 30.0 | 87 | .. | 6.2 | .. | 9.9 | 0 | 1 | 27 | 03 | 0 | 0 | 5 | 3 | 8 | 6 | 3 | 2 | 0 |
| Mormugao | 0530 | 62 | 1005.6 | 998.3 | .. | 26.5 | 25.2 | 24.6 | 31.1 | 89 | .. | 7.3 | .. | 18.3 | 0 | 15 | 15 | 04 | 0 | 3 | 5 | 4 | 8 | 5 | 1 | 0 | 0 |
| | 0830 | 62 | 1006.9 | 1000.0 | +0.2 | 27.3 | 25.5 | 24.7 | 30.9 | 86 | + 3 | 6.9 | +0.9 | 17.8 | 0 | 14 | 16 | 03 | 1 | 0 | 3 | 6 | 10 | 4 | 3 | 0 | 0 |
| | 1130 | 62 | 1007.1 | 1000.2 | .. | 28.7 | 26.2 | 25.2 | 31.9 | 82 | .. | 6.9 | .. | 18.6 | 0 | 17 | 13 | 01 | 0 | 0 | 4 | 5 | 9 | 7 | 4 | 0 | 0 |
| | 1730 | 62 | 1005.1 | 998.1 | +0.5 | 28.1 | 26.0 | 25.1 | 32.1 | 84 | + 1 | 6.9 | +0.9 | 21.3 | 0 | 16 | 14 | 01 | 1 | 0 | 2 | 4 | 12 | 5 | 5 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1006.3 | 1000.5 | .. | 26.1 | 24.9 | 24.3 | 30.5 | 90 | .. | 6.8 | .. | 14.8 | 0 | 5 | 23 | 03 | 1 | 1 | 4 | 2 | 3 | 10 | 4 | 2 | 0 |
| | 0830 | 52 | 1007.7 | 1001.9 | .. | 27.2 | 25.4 | 24.6 | 30.9 | 87 | .. | 6.8 | .. | 16.0 | 0 | 9 | 20 | 04 | 3 | 0 | 1 | 5 | 2 | 12 | 2 | 1 | 0 |
| | 1130 | 52 | 1008.0 | 1002.2 | .. | 28.8 | 26.2 | 25.0 | 31.7 | 81 | .. | 6.7 | .. | 21.5 | 0 | 20 | 10 | 03 | 0 | 0 | 1 | 4 | 5 | 13 | 4 | 0 | 0 |
| | 1730 | 52 | 1005.7 | 1000.0 | .. | 28.5 | 25.9 | 24.8 | 31.3 | 81 | .. | 7.0 | .. | 22.1 | 0 | 20 | 9 | 02 | 1 | 0 | 0 | 0 | 6 | 13 | 7 | 1 | 0 |
| | 2330 | 52 | 1008.0 | 1002.2 | .. | 26.9 | 25.3 | 24.5 | 30.9 | 87 | .. | 6.8 | .. | 16.0 | 0 | 7 | 20 | 04 | 0 | 0 | 2 | 3 | 4 | 13 | 1 | 3 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1003.9 | 980.9 | -0.2 | 28.0 | 24.4 | 22.7 | 27.6 | 74 | + 0 | 2.1 | -2.7 | 17.8 | 0 | 12 | 18 | 01 | 0 | 0 | 0 | 0 | 4 | 24 | 1 | 0 | 0 |
| | 1730 | 206 | 999.8 | 977.4 | +0.1 | 33.6 | 24.7 | 20.1 | 23.8 | 50 | + 0 | 1.6 | -2.1 | 18.4 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 0 | 6 | 22 | 2 | 0 | 0 |
| Jalgaon | 0830 | 201 | 1004.1 | 981.7 | +1.1 | 28.4 | 24.2 | 22.0 | 26.7 | 67 | - 5 | 5.2 | +1.1 | 19.1 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 0 | 3 | 15 | 12 | 0 | 0 |
| | 1730 | 201 | 999.0 | 977.2 | +1.1 | 36.0 | 24.7 | 18.6 | 21.8 | 41 | - 1 | 6.3 | +2.0 | 30.1 | 1 | 24 | 5 | 01 | 0 | 0 | 0 | 0 | 1 | 16 | 12 | 0 | 0 |
| Malegaon | 0830 | 437 | 1003.7 | 955.7 | +0.4 | 28.0 | 23.0 | 20.3 | 24.0 | 64 | - 3 | 5.5 | +1.1 | 10.7 | 0 | 1 | 29 | 02 | 0 | 0 | 0 | 0 | 12 | 13 | 3 | 0 | 0 |
| | 1730 | 437 | 999.4 | 952.3 | +0.7 | 33.0 | 23.4 | 17.9 | 20.9 | 44 | - 4 | 5.6 | +0.1 | 17.5 | 0 | 11 | 19 | 04 | 0 | 0 | 0 | 1 | 5 | 10 | 10 | 0 | 0 |
| Ozar | 0830 | 608 | 1004.2 | 937.9 | .. | 26.4 | 22.7 | 21.0 | 24.9 | 73 | .. | 6.2[e] | .. | 24.5[e] | 0 | 20 | 6 | 00 | 0 | 0 | 0 | 0 | 9 | 15 | 2 | 0 | 0 |
| | 1130 | 608 | 1003.4[e] | 937.9[e] | .. | 30.4[e] | 23.7[e] | 20.6[e] | 24.4 | 57[e] | .. | 5.6[e] | .. | 33.5[e] | 0 | 25 | 1 | 00 | 0 | 0 | 0 | 0 | 8 | 13 | 5 | 0 | 0 |
| | 1730 | 608 | D.N. | | | | | | | | | | | | | | | | | | | | | | | | |
| Ahmadnagar | 0830 | 657 | 1005.1 | 933.4 | +1.0 | 26.0 | 22.2 | 20.4 | 24.0 | 72 | + 0 | 7.5 | +2.6 | 10.0 | 0 | 0 | 30 | 00 | 0 | 0 | 2 | 1 | 17 | 4 | 6 | 0 | 0 |
| Poona (Aerodrome) | 1730 | 657 | 999.7 | 930.0 | +1.0 | 32.4 | 23.7 | 19.4 | 22.9 | 48 | - 3 | 7.0 | +1.4 | 17.8 | 0 | 14 | 16 | 00 | 1 | 0 | 0 | 0 | 17 | 0 | 12 | 0 | 0 |
| | 0230 | 593 | 1004.6 | 939.2 | .. | 23.9 | 21.5 | 20.3 | 23.8 | 81 | .. | 4.5 | .. | 19.1 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 0 |
| | 0530 | 593 | 1004.5 | 939.0 | .. | 23.2 | 21.5 | 20.5 | 24.4 | 85 | .. | 5.0 | .. | 14.6 | 0 | 6 | 21 | 00 | 0 | 0 | 0 | 0 | 12 | 15 | 0 | 3 | 0 |
| | 0830 | 593 | 1005.5 | 940.3 | .. | 25.1 | 22.1 | 20.7 | 24.4 | 77 | .. | 6.4 | .. | 21.8 | 0 | 22 | 7 | 00 | 0 | 0 | 0 | 0 | 12 | 17 | 0 | 1 | 0 |
| | 1130 | 593 | 1004.5 | 940.2 | .. | 28.6 | 22.9 | 19.9 | 23.8 | 60 | .. | 6.1 | .. | 26.3 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 2 | 13 | 13 | 1 | 0 | 1 |
| | 1730 | 593 | 1001.7 | 937.7 | .. | 29.2 | 22.5 | 19.1 | 22.4 | 55 | .. | 5.5 | .. | 30.3 | 0 | 28 | 2 | 00 | 0 | 1 | 1 | 0 | 16 | 12 | 0 | 0 | 0 |
| | 2330 | 593 | 1005.6 | 940.3 | .. | 24.6 | 21.8 | 20.5 | 24.1 | 78 | .. | 4.3 | .. | 22.5 | 0 | 17 | 13 | 00 | 1 | 0 | 0 | 0 | 16 | 13 | 0 | 0 | 0 |
| Poona | 0530 | 559 | 1004.5 | 942.8 | .. | 24.0 | 21.7 | 20.6 | 24.3 | 81 | .. | 6.1 | .. | 7.9 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 1 | 23 | 0 | 6 | 0 |
| | 0830 | 559 | 1005.6 | 944.2 | +1.0 | 25.9 | 22.7 | 21.3 | 25.2 | 76 | + 5 | 6.4 | +0.8 | 10.1 | 0 | 3 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 24 | 1 | 3 | 0 |
| | 1130 | 559 | 1004.4 | 943.9 | .. | 29.8 | 23.6 | 20.8 | 24.6 | 60 | .. | 6.6 | .. | 15.5 | 0 | 7 | 22 | 01 | 0 | 0 | 0 | 0 | 2 | 24 | 2 | 1 | 0 |
| | 1430 | 559 | 1002.5 | 942.3 | .. | 31.5 | 23.9 | 20.5 | 24.1 | 53 | .. | 6.4 | .. | 18.1 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 2 | 26 | 2 | 0 | 0 |
| | 1730 | 559 | 1001.9 | 941.5 | +0.9 | 29.9 | 23.3 | 20.2 | 23.8 | 57 | - 4 | 6.3 | +0.5 | 18.7 | 0 | 15 | 15 | 00 | 1 | 0 | 1 | 0 | 5 | 23 | 0 | 0 | 0 |
| | 2030 | 559 | 1004.8 | 943.5 | .. | 26.2 | 22.5 | 20.8 | 24.4 | 72 | .. | 4.8 | .. | 12.5 | 0 | 4 | 25 | 00 | 0 | 0 | 0 | 0 | 2 | 26 | 1 | 1 | 0 |
| | 2330 | 559 | 1005.8 | 944.2 | .. | 25.0 | 22.1 | 20.7 | 24.4 | 77 | .. | 5.1 | .. | 12.0 | 0 | 4 | 25 | 00 | 0 | 1 | 0 | 0 | 1 | 27 | 0 | 1 | 0 |
| Jeur | 0830 | 521 | 1005.1 | 947.9 | +1.0 | 26.9 | 22.8 | 20.9 | 24.7 | 70 | - 5 | 5.4 | +0.9 | 14.0 | 0 | 5 | 25 | 02 | 0 | 0 | 0 | 5 | 6 | 11 | 6 | 0 | 0 |
| | 1730 | 521 | 999.8 | 944.1 | +1.0 | 33.2 | 23.4 | 18.5 | 21.7 | 44 | - 7 | 5.9 | +0.4 | 25.0 | 0 | 19 | 11 | 05 | 0 | 0 | 0 | 0 | 1 | 15 | 9 | 0 | 0 |
| Baramati | 0830 | 551 | 1005.4 | 945.0 | +1.1 | 25.9 | 23.2 | 22.0 | 26.4 | 79 | + 3 | 5.7 | +1.0 | 10.0 | 0 | 0 | 30 | 04 | 0 | 1 | 0 | 0 | 12 | 11 | 2 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baramati (Contd.) | 1730 | 551 | 1000.6 | 941.5 | +0.9 | 31.6 | 25.0 | 22.2 | 26.7 | 58 | + 0 | 4.1 | -1.5 | 22.2 | 0 | 20 | 10 | 02 | 0 | 1 | 0 | 0 | 5 | 18 | 4 | 0 | 0 |
| Sholapur | 0530 | 479 | 1004.8 | 951.7 | .. | 24.3 | 21.9 | 20.8 | 24.6 | 81 | .. | 4.5 | .. | 5.6 | 0 | 0 | 24 | 00 | 0 | 0 | 1 | 0 | 16 | 7 | 0 | 6 | 0 |
| | 0830 | 479 | 1005.7 | 953.0 | +0.9 | 26.8 | 23.1 | 21.4 | 25.6 | 73 | + 1 | 4.6 | -0.5 | 7.9 | 0 | 0 | 29 | 01 | 0 | 0 | 1 | 1 | 17 | 5 | 4 | 1 | 0 |
| | 1130 | 479 | 1004.3 | 952.4 | .. | 31.5 | 23.9 | 20.4 | 24.1 | 52 | .. | 5.9 | .. | 13.1 | 0 | 3 | 26 | 03 | 1 | 0 | 0 | 0 | 13 | 9 | 3 | 1 | 0 |
| | 1430 | 479 | 1001.0 | 949.9 | .. | 34.8 | 24.1 | 19.0 | 22.1 | 41 | .. | 5.8 | .. | 13.1 | 0 | 4 | 26 | 04 | 1 | 0 | 0 | 0 | 13 | 10 | 2 | 0 | 0 |
| | 1730 | 479 | 1000.1 | 948.8 | +0.8 | 33.6 | 23.8 | 19.2 | 22.2 | 45 | - 4 | 6.2 | +0.2 | 9.5 | 0 | 0 | 30 | 01 | 1 | 0 | 1 | 3 | 15 | 8 | 1 | 0 | 0 |
| | 2330 | 479 | 1005.6 | 952.8 | .. | 26.4 | 22.4 | 20.5 | 24.1 | 70 | .. | 3.8 | .. | 11.8 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 12 | 15 | 1 | 2 | 0 |
| Miraj | 0830 | 554 | 1006.9 | 945.9 | +1.2 | 24.9 | 22.6 | 21.5 | 25.6 | 81 | + 0 | 6.4 | +0.5 | .. | 0 | 0 | 16 | 00 E | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 14 | 0 |
| | 1730 | 554 | 1003.3 | 943.3 | +1.3 | 29.1 | 22.9 | 20.0 | 23.4 | 58 | - 6 | 6.2 | +0.1 | .. | 0 | 1 | 28 | 00 E | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 1 | 0 |
| Kolhapur | 0530 | 570 | 1005.7 | 942.6 | .. | 22.5 | 21.6 | 21.1 | 25.0 | 92 | .. | 6.1 | .. | 9.4 | 0 | 3 | 25 | 00 | 0 | 0 | 0 | 0 | 3 | 24 | 1 | 2 | 0 |
| | 0830 | 570 | 1006.5 | 943.7 | +1.0 | 24.2 | 22.4 | 21.5 | 25.8 | 85 | + 3 | 6.4 | +0.4 | 11.2 | 0 | 1 | 28 | 00 | 0 | 1 | 0 | 0 | 1 | 27 | 0 | 1 | 0 |
| | 1130 | 570 | 1006.0 | 943.8 | .. | 27.5 | 23.1 | 21.3 | 25.0 | 70 | .. | 6.1 | .. | 15.0 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 2 | 25 | 3 | 0 | 0 |
| | 1730 | 570 | 1003.7 | 941.6 | +1.3 | 27.0 | 23.2 | 21.6 | 25.6 | 73 | + 2 | 6.2 | +0.3 | 18.7 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 0 | 0 |
| | 2330 | 570 | 1007.5 | 944.4 | .. | 23.4 | 21.9 | 21.3 | 25.0 | 88 | .. | 5.0 | .. | 11.5 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 1 | 1 | 28 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1005.0 | 941.5 | +0.8 | 26.3 | 22.3 | 20.3 | 24.0 | 71 | - 5 | 5.4 | +0.2 | 16.3 | 0 | 10 | 19 | 02 | 0 | 0 | 0 | 0 | 11 | 16 | 0 | 1 | 0 |
| | 1730 | 581 | 999.4 | 937.5 | +0.5 | 32.7 | 22.9 | 17.7 | 20.8 | 45 | - 6 | 5.5 | -0.7 | 23.4 | 0 | 14 | 16 | 03 | 2 | 0 | 0 | 1 | 5 | 18 | 1 | 0 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1003.5 | 939.8 | .. | 24.8 | 20.9 | 18.9 | 21.8 | 70 | .. | 4.6 | .. | 14.3 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 0 | 4 | 24 | 2 | 0 | 0 |
| | 0530 | 579 | 1003.5 | 939.7 | .. | 23.8 | 20.8 | 19.3 | 22.4 | 76 | .. | 5.6 | .. | 11.7 | 0 | 3 | 25 | 01 | 0 | 0 | 0 | 0 | 2 | 22 | 3 | 2 | 0 |
| | 0830 | 579 | 1004.5 | 941.2 | +0.9 | 26.7 | 22.1 | 19.9 | 23.2 | 66 | - 9 | 5.6 | +1.0 | 18.3 | 0 | 10 | 20 | 01 | 0 | 0 | 0 | 0 | 6 | 20 | 3 | 0 | 0 |
| | 1130 | 579 | 1003.1 | 940.8 | .. | 31.1 | 22.7 | 18.6 | 21.4 | 47 | .. | 5.0 | .. | 26.4 | 0 | 21 | 9 | 04 | 0 | 0 | 0 | 0 | 1 | 22 | 3 | 0 | 0 |
| | 1430 | 579 | 1000.3 | 938.6 | .. | 33.5 | 22.3 | 16.5 | 18.8 | 36 | .. | 6.0 | .. | 17.4 | 0 | 11 | 18 | 03 | 1 | 1 | 0 | 0 | 2 | 19 | 3 | 1 | 0 |
| | 1730 | 579 | 999.1 | 937.3 | +0.7 | 32.7 | 22.7 | 17.7 | 20.2 | 41 | -10 | 6.2 | +0.4 | 22.5 | 0 | 19 | 11 | 04 | 1 | 0 | 0 | 0 | 4 | 17 | 4 | 0 | 0 |
| | 2030 | 579 | 1002.3 | 939.6 | .. | 29.0 | 21.8 | 18.1 | 20.8 | 52 | .. | 4.9 | .. | 19.8 | 0 | 13 | 17 | 04 | 0 | 0 | 0 | 0 | 1 | 21 | 4 | 0 | 0 |
| | 2330 | 579 | 1004.1 | 940.7 | .. | 26.3 | 21.4 | 18.9 | 21.8 | 64 | .. | 4.8 | .. | 16.5 | 0 | 9 | 20 | 01 | 0 | 0 | 1 | 1 | 1 | 23 | 2 | 1 | 0 |
| Parbhani | 0830 | 423 | 1004.8 | 958.3 | +1.3 | 28.4 | 22.4 | 19.1 | 22.2 | 58 | -14 | 4.2 | -0.5 | 13.6 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 1 | 3 | 16 | 10 | 0 | 0 |
| | 1730 | 423 | 998.6 | 953.6 | +1.1 | 35.8 | 22.9 | 14.7 | 17.4 | 31 | -16 | 5.4 | -0.2 | 16.1 | 0 | 10 | 20 | 05 | 1 | 0 | 0 | 0 | 4 | 18 | 2 | 0 | 0 |
| Nander | 0830 | 358 | 1004.2 | 964.9 | .. | 30.3 | 23.8 | 20.5 | 24.1 | 57 | .. | 4.2 | .. | 10.3 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 1 | 13 | 7 | 5 | 3 | 0 |
| | 1730 | 358 | 999.2 | 960.9 | .. | 36.5 | 24.6 | 18.2 | 21.1 | 35 | .. | 5.6 | .. | 9.0 | 0 | 1 | 27 | 02 | 1 | 0 | 1 | 1 | 16 | 3 | 4 | 2 | 0 |
| Bir | 0830 | 519 | 1005.2 | 948.4 | .. | 27.5 | 22.6 | 20.2 | 23.8 | 65 | .. | 3.4 | .. | 9.6 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 19 | 0 | 11 | 0 | 0 |
| | 1730 | 519 | 999.5 | 944.3 | .. | 34.3 | 23.7 | 17.9 | 21.6 | 40 | .. | 4.6 | .. | 10.1 | 0 | 2 | 28 | 00 | 2 | 0 | 1 | 0 | 10 | 0 | 17 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1002.5 | 968.1 | +1.5 | 29.9 | 24.6 | 22.0 | 26.6 | 67 | + 4 | 5.2 | +0.4 | 4.0 | 0 | 0 | 27 | 00 | 1 | 0 | 2 | 1 | 11 | 6 | 3 | 3 | 3 |
| | 1730 | 313 | 998.1 | 964.3 | +1.7 | 33.1 | 24.8 | 20.3 | 24.4 | 54 | + 7 | 6.1 | +0.7 | 3.4 | 0 | 0 | 27 | 07 | 1 | 1 | 0 | 7 | 5 | 6 | 0 | 3 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1000.6 | 966.5 | .. | 28.7 | 23.5 | 20.5 | 24.4 | 65 | .. | 6.1 | .. | 5.7 | 0 | 1 | 20 | 00 | 1 | 1 | 1 | 3 | 3 | 7 | 5 | 9 | 0 |
| | 0530 | 310 | 1001.2 | 966.9 | .. | 27.7 | 23.1 | 20.6 | 24.4 | 68 | .. | 6.0 | .. | 3.9 | 0 | 0 | 21 | 00 | 0 | 0 | 1 | 2 | 5 | 8 | 5 | 9 | 0 |
| | 0830 | 310 | 1002.4 | 968.4 | +1.3 | 31.1 | 24.1 | 20.5 | 24.3 | 56 | - 3 | 5.4 | +0.2 | 11.9 | 0 | 4 | 25 | 00 | 0 | 0 | 1 | 2 | 5 | 12 | 9 | 1 | 0 |
| | 1130 | 310 | 1001.3 | 967.8 | .. | 35.3 | 25.1 | 19.7 | 23.4 | 43 | .. | 5.4 | .. | 14.7 | 0 | 8 | 22 | 01 | 1 | 0 | 1 | 0 | 5 | 10 | 12 | 0 | 0 |
| | 1430 | 310 | 998.3 | 965.1 | .. | 37.4 | 25.0 | 18.2 | 21.6 | 36 | .. | 6.4 | .. | 12.4 | 0 | 3 | 27 | 02 | 1 | 2 | 3 | 1 | 6 | 8 | 7 | 0 | 0 |
| | 1730 | 310 | 997.3 | 964.1 | +1.0 | 36.0 | 24.7 | 18.5 | 21.8 | 40 | - 6 | 6.7 | +0.5 | 13.4 | 0 | 5 | 23 | 01 | 3 | 7 | 2 | 2 | 2 | 6 | 5 | 2 | 0 |
| | 2030 | 310 | 1000.0 | 966.2 | .. | 31.9 | 24.2 | 19.9 | 23.8 | 54 | .. | 6.5 | .. | 7.7 | 0 | 2 | 25 | 02 | 1 | 4 | 5 | 4 | 2 | 2 | 7 | 3 | 0 |
| | 2330 | 310 | 1001.1 | 967.1 | .. | 30.1 | 23.9 | 20.4 | 23.9 | 60 | .. | 6.7 | .. | 6.9 | 0 | 2 | 20 | 00 | 1 | 2 | 1 | 5 | 2 | 6 | 5 | 8 | 0 |
| Amraoti | 0830 | 370 | 1002.6 | 962.2 | +0.8 | 30.3 | 24.4 | 21.4 | 25.6 | 60 | - 5 | 4.4 | -0.6 | 7.9 | 0 | 0 | 30 | 01 | 1 | 0 | 0 | 0 | 6 | 16 | 6 | 0 | 0 |
| | 1730 | 370 | 997.0 | 957.7 | +0.7 | 37.4 | 24.8 | 18.0 | 21.0 | 33 | -10 | 5.0 | -1.0 | 5.9 | 0 | 0 | 30 | 01 | 1 | 2 | 0 | 2 | 5 | 14 | 5 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1001.3 | 967.2 | .. | 27.8 | 22.1 | 18.8 | 22.0 | 60 | .. | 5.5 | .. | 12.5 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 4 | 19 | 7 | 0 | 0 |
| | 0830 | 309 | 1002.7 | 968.7 | .. | 30.2 | 23.5 | 20.0 | 23.5 | 55 | .. | 5.5 | .. | 13.9 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 3 | 18 | 9 | 0 | 0 |
| | 1130 | 309 | 1001.6 | 968.1 | .. | 34.6 | 24.2 | 18.6 | 21.7 | 41 | .. | 5.9 | .. | 16.2 | 0 | 3 | 27 | 01 | 1 | 0 | 0 | 0 | 4 | 17 | 7 | 0 | 0 |
| | 1430 | 309 | 998.5 | 965.4 | .. | 37.8 | 24.4 | 16.5 | 19.6 | 30 | .. | 6.5 | .. | 14.5 | 0 | 6 | 24 | 02 | 1 | 0 | 0 | 0 | 7 | 14 | 6 | 0 | 0 |
| | 1730 | 309 | 996.9 | 963.9 | .. | 37.2 | 23.8 | 16.0 | 18.5 | 31 | .. | 6.6 | .. | 16.7 | 0 | 6 | 24 | 00 | 1 | 1 | 0 | 0 | 7 | 13 | 8 | 0 | 0 |
| | 2030 | 309 | 999.5 | 966.0 | .. | 33.2 | 23.3 | 17.5 | 20.5 | 43 | .. | 6.7 | .. | 16.3 | 0 | 10 | 19 | 00 | 0 | 0 | 1 | 1 | 7 | 13 | 7 | 1 | 0 |
| | 2330 | 309 | 1001.1 | 967.3 | .. | 31.2 | 22.9 | 18.1 | 21.1 | 49 | .. | 6.0 | .. | 14.9 | 0 | 7 | 23 | 00 | 0 | 1 | 0 | 1 | 6 | 17 | 5 | 0 | 0 |
| Akola | 0830 | 282 | 1003.3 | 972.2 | +1.0 | 30.1 | 24.0 | 21.0 | 24.9 | 59 | - 7 | 4.6 | +0.2 | 3.1 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 1 | 26 | 2 | 1 | 0 |
| | 1730 | 282 | 997.3 | 967.2 | +0.5 | 37.4 | 25.1 | 18.7 | 21.6 | 35 | - 8 | 6.4 | +1.7 | 3.8 | 0 | 1 | 25 | 00 | 0 | 1 | 1 | 0 | 15 | 4 | 5 | 4 | 0 |
| Bramhapuri | 0830 | 229 | 1002.9 | 977.7 | +0.5 | 29.8 | 24.7 | 22.1 | 26.9 | 66 | + 0 | 5.4 | +0.4 | 7.1 | 0 | 1 | 29 | 00 | 1 | 1 | 1 | 6 | 11 | 9 | 1 | 0 | 0 |
| | 1730 | 229 | 998.2 | 973.5 | +0.6 | 35.3 | 25.0 | 19.5 | 23.2 | 45 | - 1 | 4.4 | -1.0 | 8.5 | 0 | 0 | 28 | 01 | 3 | 1 | 5 | 5 | 7 | 4 | 2 | 2 | 0 |
| Buldana | 0830 | 650 | 1003.4 | 932.7 | +1.0 | 26.7 | 21.7 | 19.2 | 22.2 | 65 | -10 | 4.7 | -0.3 | 16.7 | 0 | 8 | 22 | 01 | 0 | 0 | 0 | 0 | 12 | 6 | 11 | 0 | 0 |
| | 1730 | 650 | 998.2 | 929.2 | +0.9 | 32.8 | 22.5 | 16.6 | 19.6 | 42 | - 8 | 6.3 | +0.6 | 8.6 | 0 | 0 | 29 | 02 | 0 | 0 | 0 | 1 | 8 | 0 | 18 | 1 | 0 |
| Yeotmal | 0830 | 451 | 1002.7 | 953.6 | +1.4 | 29.8 | 23.6 | 20.3 | 24.1 | 59 | -11 | 5.7 | +0.6 | 21.4 | 0 | 19 | 11 | 01 | 0 | 0 | 1 | 1 | 3 | 23 | 1 | 0 | 0 |
| | 1730 | 451 | 996.9 | 949.1 | +0.7 | 36.3 | 24.4 | 17.6 | 20.8 | 35 | -15 | 6.2 | +0.4 | 16.4 | 0 | 10 | 20 | 01 | 1 | 1 | 1 | 3 | 4 | 17 | 2 | 0 | 0 |
| Chanda | 0830 | 193 | 1003.1 | 981.7 | +0.9 | 30.4 | 24.3 | 21.3 | 25.3 | 60 | - 4 | 5.3 | +0.3 | 12.0 | 0 | 3 | 27 | 01 | 0 | 1 | 3 | 4 | 5 | 11 | 5 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| VIDHARBHA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chanda (Contd.) | 1730 | 193 | 997.9 | 977.1 | +0.8 | 36.1 | 24.9 | 18.9 | 22.4 | 41 | - 8 | 5.7 | +0.2 | 10.8 | 0 | 1 | 29 | 03 | 2 | 6 | 2 | 4 | 6 | 6 | 1 | 0 | 0 |
| Pusad | 0830 | 384 | 1004.2 | 967.6 | .. | 30.2 | 23.1 | 19.1 | 22.4 | 52 | .. | . | .. | 10.5 | 0 | 3 | 26 | 01 | 0 | 0 | 0 | 0 | 22 | 0 | 6 | 1 | 0 |
| | 1730 | 384 | .. | .. | .. | 36.8 | 22.9 | 14.4 | 15.3 | 29 | .. | . | .. | 10.6 | 0 | 2 | 28 | 00 | 13 | 0 | 1 | 1 | 12 | 1 | 2 | 0 | 0 |
| Sironcha | 0830 | 123 | 1004.3 | 990.5 | +1.7 | 30.2 | 25.2 | 22.9 | 27.9 | 66 | + 0 | 6.2 | +0.9 | 2.3 | 0 | 0 | 25 | 00 | 2 | 0 | 5 | 2 | 7 | 0 | 9 | 5 | 0 |
| | 1730 | 123 | 999.2 | 985.7 | +1.3 | 35.4 | 28.3 | 20.2 | 24.0 | 45 | - 3 | 5.6 | +0.0 | 2.5 | 0 | 0 | 27 | 01 | 3 | 0 | 7 | 0 | 12 | 1 | 3 | 3 | 0 |
| Wardha | 0830 | 283 | 1002.6 | 971.6 | .. | 30.8 | 24.5 | 20.9 | 25.0 | 58 | .. | . | .. | 11.2 | 0 | 1 | 29 | 00 | 0 | 1 | 1 | 1 | 8 | 17 | 2 | 0 | 0 |
| | 1730 | 283 | 998.8 | 968.4 | .. | 37.3 | 24.5 | 17.3 | 20.2 | 33 | .. | 4.7 | .. | 11.6 | 0 | 2 | 28 | 06 | 0 | 0 | 2 | 2 | 4 | 5 | 11 | 0 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 30.6 | 25.1 | 22.5 | 27.3 | 64 | .. | . | .. | 10.3 | 0 | 3 | 26 | 00 | 0 | 0 | 3 | 1 | 21 | 4 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 35.0 | 24.7 | 19.1 | 22.7 | 45 | .. | . | .. | 14.3 | 0 | 6 | 22 | 00 | 3 | 2 | 1 | 3 | 6 | 5 | 0 | 2 | 8 |
| COASTAL ANDHRA PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1003.4 | 1002.7 | +1.9 | 29.3 | 26.9 | 25.9 | 33.4 | 82 | + 3 | 6.2 | +0.3 | 17.4 | 0 | 13 | 16 | 02 | 0 | 2 | 1 | 4 | 13 | 7 | 0 | 1 | 0 |
| Vishakhapatnam | 1730 | 6 | 1000.9 | 1000.1 | +2.2 | 29.2 | 27.1 | 26.3 | 34.2 | 85 | + 8 | 7.1 | +0.9 | 16.4 | 0 | 12 | 18 | 01 | 1 | 0 | 2 | 7 | 14 | 3 | 0 | 0 | 2 |
| | 0230 | 3 | 1002.2 | 1001.8 | .. | 28.4 | 25.9 | 24.7 | 31.5 | 81 | .. | 5.2 | .. | 8.3 | 0 | 5 | 17 | 00 | 0 | 1 | 1 | 0 | 11 | 5 | 4 | 8 | 0 |
| | 0530 | 3 | 1002.5 | 1002.1 | .. | 28.1 | 25.5 | 24.3 | 30.5 | 80 | .. | 6.4 | .. | 13.8 | 0 | 8 | 19 | 01 | 0 | 0 | 0 | 0 | 17 | 7 | 2 | 3 | 0 |
| | 0830 | 3 | 1003.5 | 1003.1 | +1.6 | 30.0 | 26.4 | 25.0 | 31.5 | 75 | - 5 | 6.8 | +0.7 | 18.0 | 0 | 15 | 14 | 00 | 0 | 0 | 0 | 3 | 19 | 6 | 1 | 1 | 0 |
| | 1130 | 3 | 1002.9 | 1002.5 | .. | 32.6 | 27.2 | 24.9 | 31.7 | 65 | .. | 6.5 | .. | 20.3 | 0 | 19 | 11 | 00 | 0 | 0 | 1 | 6 | 17 | 6 | 0 | 0 | 0 |
| | 1430 | 3 | 1001.0 | 1000.6 | .. | 33.3 | 27.5 | 25.0 | 31.9 | 63 | .. | 6.3 | .. | 22.5 | 0 | 21 | 9 | 00 | 0 | 1 | 1 | 10 | 13 | 4 | 1 | 0 | 0 |
| | 1730 | 3 | 1001.0 | 1000.6 | +2.1 | 30.8 | 26.7 | 24.9 | 31.5 | 72 | -11 | 7.1 | +0.6 | 15.5 | 0 | 10 | 18 | 00 | 0 | 1 | 3 | 6 | 14 | 4 | 0 | 2 | 0 |
| | 2030 | 3 | 1003.0 | 1002.6 | .. | 29.2 | 26.2 | 24.9 | 31.5 | 78 | .. | 5.4 | .. | 8.4 | 0 | 3 | 19 | 00 | 1 | 1 | 1 | 2 | 12 | 4 | 1 | 8 | 0 |
| | 2330 | 3 | 1003.6 | 1003.2 | .. | 28.7 | 26.2 | 25.1 | 31.9 | 81 | .. | 5.7 | .. | 7.6 | 0 | 1 | 20 | 00 | 0 | 1 | 1 | 1 | 13 | 5 | 0 | 9 | 0 |
| Kakinada | 0830 | 8 | 1004.4 | 1003.4 | +1.6 | 29.4 | 26.8 | 25.8 | 33.0 | 81 | + 9 | 5.4 | +0.3 | 10.1 | 0 | 1 | 28 | 00 | 0 | 0 | 5 | 1 | 20 | 1 | 2 | 1 | 0 |
| | 1730 | 8 | 1001.2 | 1000.0 | +1.7 | 34.3 | 26.9 | 24.0 | 29.3 | 59 | - 2 | 5.7 | +0.6 | 15.5 | 0 | 4 | 26 | 01 | 0 | 1 | 5 | 8 | 10 | 1 | 4 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1004.7 | 1003.3 | +0.8 | 29.3 | 26.0 | 24.6 | 30.7 | 77 | + 1 | 6.4 | -0.1 | 7.4 | 0 | 3 | 27 | 01 | 1 | 1 | 2 | 2 | 14 | 7 | 2 | 0 | 0 |
| | 1730 | 12 | 1000.6 | 999.3 | +0.8 | 33.6 | 26.1 | 22.7 | 27.6 | 55 | - 3 | 6.6 | -0.1 | 16.3 | 0 | 0 | 30 | 00 | 1 | 0 | 6 | 4 | 10 | 5 | 4 | 0 | 0 |
| Rentachintala | 0830 | 106 | 1005.2 | 993.4 | +1.5 | 31.2 | 24.1 | 20.8 | 24.6 | 56 | - 5 | 5.1 | -1.4 | 2.0 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 1 | 27 | 0 | 2 | 0 |
| | 1730 | 106 | 1000.2 | 988.7 | +1.4 | 36.4 | 24.8 | 18.5 | 21.3 | 36 | - 7 | 5.4 | -0.9 | 1.9 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 1 | 0 | 27 | 0 | 2 | 0 |
| Gannavaram | 0230 | 24 | 1002.7 | 1000.0 | .. | 28.1 | 25.7 | 24.6 | 31.1 | 83 | .. | 5.6 | .. | 10.9 | 0 | 1 | 26 | 01 | 0 | 3 | 0 | 12 | 9 | 2 | 0 | 3 | 0 |
| | 0530 | 24 | 1003.3 | 1000.6 | .. | 27.9 | 25.0 | 23.7 | 29.3 | 79 | .. | 6.5 | .. | 9.5 | 0 | 4 | 22 | 00 | 0 | 3 | 0 | 5 | 9 | 6 | 3 | 4 | 0 |
| | 0830 | 24 | 1004.9 | 1002.2 | +1.8 | 30.1 | 25.5 | 23.3 | 28.8 | 69 | + 5 | 6.2 | +0.4 | 13.9 | 0 | 8 | 21 | 00 | 0 | 2 | 0 | 3 | 7 | 15 | 2 | 1 | 0 |
| | 1130 | 24 | 1003.9 | 1001.3 | .. | 33.8 | 25.6 | 21.6 | 26.1 | 51 | .. | 6.3 | .. | 16.3 | 0 | 10 | 19 | 02 | 0 | 0 | 0 | 2 | 3 | 12 | 10 | 1 | 0 |
| | 1430 | 24 | 1001.5 | 998.9 | .. | 35.6 | 25.7 | 20.6 | 24.9 | 45 | .. | 6.8 | .. | 15.7 | 0 | 10 | 19 | 01 | 0 | 2 | 1 | 0 | 5 | 10 | 10 | 1 | 0 |
| | 1730 | 24 | 1000.8 | 998.2 | +1.9 | 33.9 | 25.6 | 21.5 | 25.9 | 52 | + 4 | 6.9 | +0.8 | 15.3 | 0 | 11 | 19 | 01 | 0 | 2 | 1 | 10 | 5 | 7 | 4 | 0 | 0 |
| | 2030 | 24 | 1007.9 | 1000.2 | .. | 30.6 | 25.7 | 23.5 | 28.9 | 67 | .. | 4.9 | .. | 10.0 | 0 | 1 | 26 | 00 | 0 | 2 | 1 | 14 | 6 | 3 | 1 | 3 | 0 |
| | 2330 | 24 | 1004.1 | 1001.3 | .. | 28.6 | 25.9 | 24.7 | 31.1 | 80 | .. | 5.5 | .. | 11.3 | 0 | 5 | 21 | 01 | 0 | 3 | 1 | 9 | 10 | 1 | 1 | 4 | 0 |
| Masulipatam | 0830 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ongole | 0830 | 12 | 1005.2 | 1004.0 | +1.7 | 32.5 | 27.3 | 25.1 | 31.8 | 66 | - 5 | 5.2 | +0.2 | 5.9 | 0 | 0 | 30 | 01 | 0 | 1 | 0 | 0 | 3 | 23 | 2 | 0 | 0 |
| | 1730 | 12 | 1001.2 | 999.9 | +1.6 | 34.7 | 28.3 | 25.6 | 32.8 | 62 | + 0 | 4.6 | -0.8 | 5.5 | 0 | 0 | 30 | 00 | 0 | 0 | 13 | 0 | 3 | 13 | 1 | 0 | 0 |
| Nellore | 0530 | 20 | 1004.6 | 1002.4 | .. | 28.2 | 24.6 | 22.9 | 27.9 | 74 | .. | 7.1 | .. | 2.1 | 0 | 0 | 17 | 00 | 0 | 0 | 2 | 0 | 11 | 4 | 0 | 13 | 0 |
| | 0830 | 20 | 1005.9 | 1003.7 | +1.5 | 30.9 | 25.7 | 23.5 | 28.8 | 65 | + 8 | 6.4 | +0.6 | 6.6 | 0 | 0 | 28 | 00 | 0 | 0 | 2 | 0 | 17 | 8 | 1 | 2 | 0 |
| | 1130 | 20 | 1005.2 | 1003.0 | .. | 34.5 | 26.2 | 22.4 | 27.3 | 50 | .. | 6.3 | .. | 8.9 | 0 | 0 | 29 | 03 | 0 | 0 | 1 | 0 | 10 | 15 | 0 | 1 | 0 |
| | 1430 | 20 | 1003.0 | 1000.8 | .. | 36.9 | 26.8 | 22.2 | 26.9 | 43 | .. | 6.4 | .. | 8.3 | 0 | 2 | 28 | 03 | 0 | 0 | 1 | 0 | 13 | 13 | 0 | 0 | 0 |
| | 1730 | 20 | 1002.6 | 1000.4 | +2.1 | 35.1 | 26.8 | 23.0 | 28.3 | 51 | + 5 | 5.7 | -0.4 | 9.3 | 0 | 0 | 30 | 00 | 0 | 0 | 7 | 0 | 20 | 2 | 1 | 0 | 0 |
| | 2330 | 20 | 1005.1 | 1002.7 | .. | 29.7 | 25.8 | 24.0 | 30.0 | 72 | .. | 6.9 | .. | 5.1 | 0 | 1 | 24 | 01 | 0 | 1 | 3 | 0 | 15 | 5 | 0 | 5 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1003.8 | 986.2 | +1.3 | 30.4 | 24.4 | 21.6 | 25.6 | 60 | + 1 | 5.3 | -0.2 | 5.1 | 0 | 1 | 20 | 02 | 0 | 1 | 1 | 2 | 0 | 14 | 1 | 9 | 0 |
| | 1730 | 156 | 998.4 | 981.7 | +1.1 | 36.9 | 25.3 | 19.3 | 22.4 | 39 | - 3 | 5.4 | -0.1 | 3.3 | 0 | 0 | 29 | 01 | 3 | 0 | 6 | 3 | 1 | 11 | 4 | 1 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1004.3 | 974.7 | +1.4 | 29.4 | 24.6 | 22.1 | 26.9 | 65 | + 3 | 4.1 | -0.8 | 2.3 | 0 | 0 | 30 | 00 | 1 | 0 | 1 | 3 | 3 | 21 | 1 | 0 | 0 |
| | 1730 | 269 | 1000.9 | 971.9 | +2.3 | 35.7 | 26.1 | 21.7 | 25.9 | 46 | + 0 | 3.6 | -1.7 | 2.1 | 0 | 0 | 30 | 06 | 2 | 0 | 4 | 2 | 3 | 13 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1003.9 | 936.9 | .. | 24.7 | 22.2 | 20.9 | 24.7 | 80 | .. | 5.2 | .. | 28.2 | 0 | 25 | 5 | 00 | 0 | 0 | 1 | 2 | 4 | 22 | 1 | 0 | 0 |
| | 0830 | 613 | 1004.3 | 937.7 | .. | 27.2 | 23.0 | 21.2 | 25.1 | 70 | .. | 5.6 | .. | 31.5 | 0 | 27 | 3 | 00 | 0 | 0 | 1 | 0 | 5 | 20 | 4 | 0 | 0 |
| | 1130 | 613 | 1002.8 | 937.2 | .. | 32.1 | 23.9 | 20.2 | 23.2 | 50 | .. | 5.6 | .. | 32.2 | 0 | 26 | 4 | 00 | 0 | 0 | 0 | 0 | 6 | 19 | 5 | 0 | 0 |
| | 1730 | 613 | 999.8 | 934.7 | .. | 33.1 | 24.0 | 19.8 | 23.1 | 47 | .. | 6.3 | .. | 28.7 | 0 | 22 | 8 | 01 | 0 | 0 | 2 | 1 | 7 | 17 | 2 | 0 | 0 |
| | 2330 | 613 | 1003.2 | 936.8 | .. | 27.9 | 23.0 | 20.8 | 24.6 | 66 | .. | 5.4 | .. | 28.6 | 0 | 22 | 8 | 00 | 0 | 0 | 3 | 1 | 14 | 12 | 0 | 0 | 0 |
| Bhadrachalam | 0830 | 111 | 1003.8 | 991.4 | +0.7 | 29.7 | 24.6 | 22.2 | 26.6 | 65 | + 1 | 5.6 | -0.4 | 4.9 | 0 | 0 | 30 | 00 | 3 | 0 | 6 | 0 | 8 | 0 | 13 | 0 | 0 |
| | 1730 | 111 | 999.6 | 987.5 | +1.2 | 35.7 | 25.2 | 19.8 | 23.5 | 41 | - 6 | 6.6 | -0.1 | 4.3 | 0 | 0 | 30 | 00 | 10 | 0 | 6 | 0 | 2 | 0 | 12 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1003.1 | 943.6 | .. | 26.8 | 21.6 | 19.0 | 22.0 | 63 | .. | 5.1 | .. | 19.9 | 0 | 15 | 15 | 00 | 0 | 0 | 1 | 1 | 6 | 20 | 2 | 0 | 0 |
| | 0530 | 545 | 1003.9 | 944.2 | .. | 25.3 | 21.4 | 19.5 | 22.7 | 71 | .. | 5.4 | .. | 18.0 | 0 | 12 | 18 | 01 | 0 | 0 | 2 | 0 | 2 | 24 | 1 | 0 | 0 |

(TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hyderabad (Contd.) | 0830 | 545 | 1005.1 | 945.5 | +1.2 | 26.9 | 22.2 | 19.9 | 23.2 | 66 | - 5 | 5.9 | +0.1 | 19.8 | 0 | 17 | 13 | 00 | 0 | 0 | 1 | 0 | 4 | 21 | 4 | 0 | 0 |
| | 1130 | 545 | 1003.4 | 944.9 | .. | 31.7 | 23.0 | 18.8 | 21.7 | 47 | .. | 6.2 | .. | 22.3 | 0 | 21 | 9 | 02 | 0 | 0 | 0 | 0 | 6 | 13 | 8 | 0 | 1 |
| | 1730 | 545 | 999.4 | 941.4 | +1.0 | 33.3 | 22.9 | 17.6 | 20.2 | 41 | -13 | 6.6 | +0.4 | 20.7 | 0 | 15 | 15 | 02 | 0 | 1 | 2 | 1 | 12 | 9 | 3 | 0 | 0 |
| | 2330 | 545 | 1003.7 | 944.5 | .. | 28.6 | 22.5 | 19.5 | 22.7 | 59 | .. | 5.5 | .. | 20.3 | 0 | 15 | 14 | 00 | 0 | 0 | 2 | 0 | 11 | 16 | 0 | 1 | 0 |
| Khammam | 0830 | 112 | 1004.9 | 992.7 | +2.6 | 30.4 | 26.4 | 24.7 | 31.1 | 73 | + 4 | 6.4 | +0.9 | 3.9 | 0 | 0 | 24 | 01 | 0 | 0 | 1 | 3 | 5 | 11 | 3 | 6 | 0 |
| | 1730 | 112 | 999.9 | 987.1 | +0.8 | 35.9 | 28.0 | 24.8 | 31.1 | 55 | + 6 | 6.9 | +0.7 | 2.3 | 0 | 0 | 26 | 03 | 0 | 2 | 2 | 2 | 5 | 11 | 1 | 4 | 0 |
| Mahbubnagar | 0830 | 505 | 1005.6 | 950.1 | +0.7 | 27.1 | 22.5 | 20.2 | 23.8 | 67 | - 8 | 6.6 | +0.3 | 11.5 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 12 | 11 | 7 | 0 | 0 |
| | 1730 | 505 | 999.5 | 945.9 | +0.2 | 33.7 | 23.3 | 18.3 | 20.9 | 41 | -12 | 7.4 | +0.9 | 7.0 | 0 | 1 | 28 | 00 | 0 | 0 | 3 | 1 | 8 | 14 | 3 | 1 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1006.5 | 975.3 | +1.2 | 28.2 | 23.7 | 21.5 | 25.6 | 68 | - 1 | 6.7 | +0.6 | 18.9 | 0 | 13 | 17 | 00 | 0 | 0 | 0 | 0 | 22 | 0 | 1 | 0 | 0 |
| | 1730 | 281 | 1000.8 | 970.4 | +0.9 | 34.9 | 24.5 | 18.9 | 22.1 | 39 | - 7 | 7.2 | +0.9 | 19.0 | 0 | 14 | 16 | 00 | 0 | 0 | 2 | 0 | 21 | 1 | 4 | 0 | 2 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1005.7 | 966.7 | .. | 25.4 | 23.0 | 21.8 | 26.1 | 81 | .. | 6.0 | .. | 11.0 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 3 | 25 | 0 | 1 | 0 |
| | 0830 | 350 | 1006.9 | 968.1 | +1.5 | 27.2 | 23.7 | 21.9 | 26.1 | 73 | + 4 | 5.7 | -0.2 | 15.7 | 0 | 9 | 20 | 00 | 0 | 0 | 0 | 0 | 4 | 23 | 2 | 1 | 0 |
| | 1130 | 350 | 1005.4 | 967.2 | .. | 31.2 | 24.6 | 21.4 | 25.5 | 57 | .. | 6.0 | .. | 17.3 | 0 | 9 | 21 | 01 | 0 | 0 | 0 | 0 | 3 | 24 | 2 | 0 | 0 |
| | 1430 | 350 | 1002.5 | 964.7 | .. | 33.8 | 24.9 | 20.5 | 24.1 | 47 | .. | 6.5 | .. | 17.7 | 0 | 11 | 19 | 02 | 0 | 0 | 0 | 1 | 2 | 22 | 3 | 0 | 0 |
| | 1730 | 350 | 1001.4 | 963.7 | +1.0 | 33.9 | 24.7 | 20.1 | 23.5 | 41 | - 6 | 6.2 | +0.0 | 21.6 | 0 | 16 | 14 | 00 | 0 | 0 | 0 | 0 | 7 | 20 | 3 | 0 | 0 |
| | 2030 | 350 | 1004.2 | 965.9 | .. | 30.2 | 24.5 | 21.7 | 25.9 | 61 | .. | 5.0 | .. | 20.2 | 0 | 16 | 10 | 00 | 0 | 0 | 0 | 0 | 3 | 22 | 1 | 4 | 0 |
| | 2330 | 350 | 1006.0 | 967.3 | .. | 27.8 | 23.9 | 21.9 | 26.6 | 71 | .. | 4.4 | .. | 21.4 | 0 | 20 | 8 | 00 | 0 | 0 | 0 | 0 | 4 | 22 | 2 | 2 | 0 |
| Cuddapah | 0830 | 130 | 1007.1 | 992.5 | +1.2 | 28.9 | 24.8 | 22.9 | 27.9 | 71 | + 8 | 4.5 | -0.9 | 2.9 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 0 | 16 | 0 | 14 | 0 |
| | 1730 | 130 | 1001.9 | 987.7 | +1.1 | 35.3 | 25.8 | 21.3 | 25.3 | 45 | - 4 | 5.1 | -0.6 | 3.3 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 9 | 0 |
| Arogyavaram | 0830 | 701 | 1006.9 | 930.6 | +1.3 | 25.4 | 21.4 | 19.5 | 22.5 | 71 | + 4 | 5.2 | -0.8 | 9.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 8 | 0 | 21 | 1 | 0 |
| | 1730 | 701 | 1002.0 | 927.3 | +1.0 | 30.7 | 22.9 | 19.0 | 22.1 | 51 | + 3 | 5.8 | -1.1 | 9.5 | 0 | 1 | 27 | 08 | 0 | 0 | 3 | 2 | 3 | 3 | 9 | 2 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1006.4 | 1005.7 | +1.2 | 29.5 | 25.3 | 23.5 | 28.8 | 71 | +11 | 4.6 | -1.0 | 8.3 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 3 | 15 | 11 | 0 | 1 | 0 |
| Madras (Minambakkam) | 1730 | 6 | 1003.1 | 1002.4 | .. | 30.2 | 26.0 | 24.2 | 30.2 | 71 | .. | 5.9 | .. | 9.5 | 0 | 0 | 30 | 00 | 0 | 2 | 16 | 9 | 2 | 1 | 0 | 0 | 0 |
| | 0230 | 16 | 1004.6 | 1002.9 | .. | 27.7 | 25.2 | 24.0 | 30.0 | 80 | .. | 4.6 | .. | 7.7 | 0 | 2 | 24 | 00 | 0 | 0 | 2 | 17 | 3 | 3 | 1 | 4 | 0 |
| | 0530 | 16 | 1005.1 | 1003.4 | .. | 27.5 | 24.7 | 23.4 | 28.8 | 79 | .. | 5.2 | .. | 7.6 | 0 | 1 | 24 | 00 | 0 | 0 | 2 | 8 | 11 | 4 | 0 | 5 | 0 |
| | 0830 | 16 | 1006.7 | 1005.0 | +1.5 | 29.7 | 25.3 | 23.2 | 28.6 | 69 | +11 | 5.7 | -0.1 | 10.8 | 0 | 3 | 24 | 00 | 0 | 0 | 1 | 7 | 9 | 10 | 0 | 3 | 0 |
| | 1130 | 16 | 1005.9 | 1004.3 | .. | 33.1 | 25.7 | 22.2 | 26.9 | 53 | .. | 5.6 | .. | 15.9 | 0 | 8 | 22 | 00 | 0 | 1 | 0 | 1 | 6 | 19 | 3 | 0 | 0 |
| | 1430 | 16 | 1003.5 | 1001.9 | .. | 34.9 | 26.5 | 22.6 | 27.7 | 50 | .. | 6.1 | .. | 12.0 | 0 | 6 | 22 | 00 | 0 | 1 | 7 | 4 | 1 | 14 | 1 | 2 | 0 |
| | 1730 | 16 | 1003.1 | 1001.4 | +1.5 | 31.3 | 26.3 | 24.1 | 30.0 | 66 | + 7 | 6.1 | -0.3 | 14.2 | 0 | 7 | 23 | 00 | 0 | 4 | 15 | 9 | 2 | 0 | 0 | 0 | 0 |
| | 2030 | 16 | 1005.3 | 1003.6 | .. | 28.8 | 26.1 | 25.0 | 31.5 | 80 | .. | 5.1 | .. | 14.9 | 0 | 5 | 25 | 00 | 0 | 2 | 11 | 12 | 2 | 1 | 2 | 0 | 0 |
| | 2330 | 16 | 1006.1 | 1004.4 | .. | 28.1 | 25.9 | 25.0 | 31.7 | 83 | .. | 5.2 | .. | 11.5 | 0 | 7 | 21 | 00 | 0 | 0 | 3 | 21 | 4 | 0 | 0 | 2 | 0 |
| Vellore | 0530 | 214 | 1005.7 | 981.8 | .. | 26.6 | 22.9 | 21.0 | 25.1 | 72 | .. | 3.5 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| | 0830 | 214 | 1007.1 | 983.2 | +1.3 | 28.9 | 23.7 | 21.0 | 25.0 | 63 | + 1 | 4.0 | -1.0 | 8.3 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 1 | 21 | 4 | 4 | 0 |
| | 1130 | 214 | 1006.1 | 982.7 | .. | 32.9 | 24.7 | 20.6 | 24.4 | 50 | .. | 5.7 | .. | 7.4 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 2 | 7 | 14 | 5 | 1 | 0 |
| | 1730 | 214 | 1002.6 | 979.2 | +1.1 | 33.7 | 24.6 | 19.8 | 23.5 | 46 | - 1 | 6.0 | -0.1 | 5.3 | 0 | 0 | 24 | 00 | 1 | 0 | 2 | 3 | 8 | 9 | 1 | 6 | 0 |
| | 2330 | 214 | 1006.4 | 982.5 | .. | 28.5 | 24.1 | 21.9 | 26.4 | 69 | .. | 4.5 | .. | 2.8 | 0 | 0 | 12 | 00 | 0 | 0 | 4 | 2 | 2 | 4 | 0 | 18 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1006.6 | 1003.4 | .. | 29.8 | 25.8 | 24.0 | 30.0 | 72 | .. | 5.7 | .. | 12.1 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 4 | 12 | 10 | 0 | 2 | 0 |
| | 1730 | 29 | 1003.4 | 1000.2 | .. | 31.3 | 26.7 | 24.8 | 31.3 | 69 | .. | 6.1 | .. | 18.9 | 0 | 14 | 15 | 00 | 0 | 1 | 12 | 12 | 3 | 1 | 0 | 1 | 0 |
| Tiruppattur | 0830 | 390 | 1008.2 | 965.3 | +1.4 | 27.6 | 23.3 | 21.0 | 25.0 | 69 | - 1 | 7.1 | +1.2 | 3.6 | 0 | 0 | 27 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1730 | 390 | 1002.9 | 960.5 | +0.2 | 32.1 | 23.6 | 19.7 | 22.1 | 55 | + 4 | 7.5 | +0.7 | 7.1 | 0 | 0 | 29 | 25 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 1 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 28.6 | 24.2 | 22.1 | 26.6 | 68 | .. | 4.7 | .. | 2.9 | 0 | 0 | 30 | 00 | 7 | 0 | 13 | 0 | 4 | 0 | 6 | 0 | 0 |
| | 1730 | | .. | .. | .. | 31.1 | 27.9 | 26.7 | 34.6 | 77 | .. | 7.7 | .. | 3.7 | 0 | 0 | 30 | 00 | 9 | 0 | 6 | 0 | 14 | 0 | 1 | 0 | 0 |
| Cuddalore | 0530 | 12 | 1005.7 | 1004.4 | .. | 26.8 | 24.8 | 24.0 | 29.7 | 84 | .. | 4.2 | .. | 1.0 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 6 | 1 | 0 | 0 | 23 | 0 |
| | 0830 | 12 | 1007.0 | 1005.7 | +1.0 | 29.5 | 25.7 | 24.0 | 29.8 | 73 | +10 | 5.3 | +0.0 | 5.5 | 0 | 0 | 29 | 00 | 1 | 0 | 2 | 9 | 17 | 0 | 0 | 1 | 0 |
| | 1130 | 12 | 1006.6 | 1005.3 | .. | 33.2 | 26.7 | 23.9 | 29.7 | 59 | .. | 4.8 | .. | 7.4 | 0 | 0 | 28 | 00 | 1 | 1 | 10 | 3 | 11 | 1 | 1 | 2 | 0 |
| | 1430 | 12 | 1004.3 | 1003.0 | .. | 32.9 | 27.5 | 25.3 | 31.9 | 65 | .. | 4.5 | .. | 8.1 | 0 | 0 | 27 | 00 | 0 | 0 | 21 | 4 | 2 | 0 | 0 | 1 | 0 |
| | 1730 | 12 | 1003.5 | 1002.2 | +1.2 | 29.2 | 27.0 | 26.0 | 33.8 | 83 | +21 | 5.3 | -0.6 | 8.2 | 0 | 0 | 29 | 00 | 0 | 0 | 27 | 1 | 1 | 0 | 0 | 1 | 0 |
| | 2330 | 12 | 1006.5 | 1005.3 | .. | 28.4 | 25.8 | 24.6 | 31.1 | 80 | .. | 4.5 | .. | 5.1 | 0 | 0 | 19 | 00 | 0 | 0 | 9 | 10 | 0 | 0 | 0 | 11 | 0 |
| Kallakkurichchi | 0830 | 127 | 1006.7 | 992.5 | +1.2 | 29.8 | 25.8 | 24.0 | 30.0 | 72 | + 8 | 4.3 | -0.3 | 6.1 | 0 | 0 | 27 | 00 | 0 | 0 | 4 | 3 | 19 | 1 | 0 | 3 | 0 |
| | 1730 | 127 | 1002.3 | 988.4 | +0.8 | 35.0 | 26.6 | 22.8 | 27.9 | 51 | + 2 | 4.5 | -1.3 | 6.7 | 0 | 0 | 26 | 01 | 2 | 0 | 4 | 1 | 15 | 3 | 0 | 4 | 0 |
| Salem | 0530 | 278 | 1006.2 | 975.1 | .. | 25.3 | 22.6 | 21.2 | 25.3 | 78 | .. | 5.1 | .. | 3.7 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 2 | 14 | 10 | 0 | 4 | 0 |
| | 0830 | 278 | 1007.4 | 976.6 | +0.7 | 27.5 | 23.4 | 21.3 | 25.6 | 70 | - 4 | 5.6 | +0.4 | 2.3 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 8 | 5 | 2 | 14 | 1 |
| | 1130 | 278 | 1006.5 | 976.0 | .. | 31.6 | 24.1 | 20.3 | 23.8 | 52 | .. | 5.4 | .. | 7.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 7 | 19 | 2 | 0 | 2 |
| | 1730 | 278 | 1002.8 | 972.6 | +0.4 | 32.7 | 24.2 | 19.8 | 23.2 | 49 | - 2 | 6.8 | +0.4 | 7.0 | 0 | 5 | 17 | 00 | 0 | 1 | 0 | 0 | 8 | 11 | 1 | 8 | 1 |
| | 2330 | 278 | 1007.1 | 976.1 | .. | 27.5 | 23.3 | 21.1 | 25.2 | 69 | .. | 5.8 | .. | 5.8 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 2 | 5 | 15 | 1 | 7 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1007.1 | 962.4 | .. | 23.1 | 22.3 | 21.8 | 26.3 | 93 | .. | 4.1 | .. | 17.1 | 0 | 9 | 20 | 00 | 0 | 0 | 0 | 14 | 15 | 0 | 0 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (INCLUDING PONDICHERRY** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coimbatore (Pilamedu) (Contd.)... | 0830 | 399 | 1008.2 | 963.9 | +1.2 | 26.0 | 23.5 | 22.3 | 26.9 | 81 | + 4 | 5.0 | -0.7 | 19.6 | 0 | 13 | 17 | 00 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 0 | 0 |
| | 1130 | 399 | 1006.9 | 963.4 | .. | 30.3 | 24.7 | 22.1 | 26.6 | 62 | .. | 4.8 | .. | 23.0 | 0 | 8 | 20 | 00 | 0 | 0 | 0 | 15 | 13 | 0 | 0 | 2 | 0 |
| | 1430 | 399 | 1004.4 | 961.2 | .. | 32.0 | 24.9 | 21.6 | 25.6 | 54 | .. | 4.7 | .. | 15.7 | 0 | 29 | 1 | 00 | 0 | 0 | 1 | 14 | 12 | 3 | 0 | 0 | 0 |
| | 1730 | 399 | 1004.6 | 960.9 | +0.7 | 28.9 | 24.2 | 21.9 | 26.3 | 67 | + 1 | 5.5 | -0.7 | 30.4 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 11 | 19 | 0 | 0 | 0 | 0 |
| | 2030 | 399 | 1007.2 | 962.9 | .. | 25.2 | 23.3 | 22.3 | 26.9 | 84 | .. | 3.9 | .. | 13.4 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 15 | 14 | 1 | 0 | 0 | 0 |
| | 2330 | 399 | 1008.3 | 963.7 | .. | 23.9 | 22.9 | 22.3 | 27.1 | 91 | .. | 3.3 | .. | 11.3 | 0 | 15 | 14 | 00 | 0 | 0 | 0 | 15 | 14 | 0 | 0 | 1 | 0 |
| Coimbatore | 0830 | 409 | 1007.7 | 962.5 | +0.6 | 26.2 | 22.7 | 21.0 | 24.7 | 74 | - 1 | 4.9 | -1.0 | 9.0 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 28 | 2 | 0 | 0 | 0 |
| Nagapattinam | 0830 | 9 | 1007.8 | 1006.7 | +1.1 | 30.1 | 25.1 | 22.9 | 27.7 | 65 | + 4 | 5.5 | +0.1 | 13.4 | 0 | 2 | 28 | 00 | 0 | 0 | 1 | 2 | 21 | 6 | 0 | 0 | 0 |
| | 1730 | 9 | 1004.1 | 1003.1 | +1.0 | 31.7 | 26.3 | 24.0 | 29.8 | 65 | + 4 | 5.4 | -0.1 | 20.5 | 0 | 18 | 12 | 00 | 0 | 0 | 5 | 15 | 10 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1005.6 | 995.7 | .. | 27.1 | 23.4 | 21.4 | 25.6 | 72 | .. | 4.0 | .. | 14.7 | 0 | 9 | 16 | 00 | 0 | 0 | 0 | 3 | 1 | 19 | 2 | 5 | 0 |
| | 0530 | 88 | 1005.7 | 995.8 | .. | 26.5 | 23.2 | 21.5 | 25.6 | 75 | .. | 4.3 | .. | 14.3 | 0 | 6 | 20 | 00 | 0 | 0 | 0 | 2 | 4 | 19 | 1 | 4 | 0 |
| | 0830 | 88 | 1007.2 | 997.3 | +0.6 | 29.2 | 24.0 | 21.4 | 25.6 | 63 | + 4 | 4.8 | -0.7 | 21.1 | 0 | 19 | 10 | 00 | 0 | 0 | 0 | 1 | 4 | 22 | 2 | 1 | 0 |
| | 1130 | 88 | 1006.4 | 996.7 | .. | 33.5 | 24.7 | 20.2 | 23.8 | 47 | .. | 4.7 | .. | 23.2 | 0 | 18 | 11 | 02 | 0 | 0 | 1 | 0 | 4 | 19 | 3 | 1 | 0 |
| | 1430 | 88 | 1003.6 | 994.0 | .. | 35.8 | 25.0 | 19.5 | 22.8 | 39 | .. | 5.4 | .. | 19.4 | 0 | 10 | 19 | 00 | 0 | 0 | 1 | 6 | 6 | 13 | 3 | 1 | 0 |
| | 1730 | 88 | 1003.1 | 993.4 | +0.4 | 33.5 | 24.6 | 20.0 | 23.5 | 48 | + 5 | 5.8 | -0.4 | 19.4 | 0 | 16 | 13 | 01 | 0 | 1 | 4 | 6 | 5 | 11 | 1 | 1 | 0 |
| | 2030 | 88 | 1006.1 | 996.3 | .. | 29.0 | 23.8 | 21.1 | 25.2 | 65 | .. | 5.4 | .. | 19.9 | 0 | 16 | 12 | 01 | 0 | 0 | 0 | 11 | 3 | 12 | 1 | 2 | 0 |
| | 2330 | 88 | 1007.1 | 997.2 | .. | 27.8 | 23.7 | 21.6 | 25.9 | 71 | .. | 4.7 | .. | 16.6 | 0 | 11 | 15 | 00 | 0 | 0 | 0 | 5 | 5 | 15 | 1 | 4 | 0 |
| Vedaranniyam | 0830 | 4 | 1008.3 | 1007.8 | .. | 30.3 | 27.3 | 26.0 | 33.4 | 78 | .. | 1.3 | .. | 2.3 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 |
| | 1730 | 4 | 1004.9 | 1004.4 | .. | 29.9 | 27.4 | 26.4 | 34.4 | 82 | .. | 2.7 | .. | 2.8 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 0 | 0 | 0 |
| Atirampattinam | 0830 | 6 | 1007.5 | 1006.8 | .. | 29.8 | 25.4 | 23.5 | 28.8 | 69 | .. | 3.3 | .. | 7.3 | 0 | 1 | 22 | 00 | 0 | 0 | 0 | 8 | 10 | 4 | 1 | 7 | 0 |
| | 1730 | 6 | 1004.3 | 1003.6 | .. | 30.3 | 26.7 | 25.2 | 32.1 | 74 | .. | 3.2 | .. | 21.6 | 0 | 17 | 13 | 00 | 0 | 0 | 2 | 18 | 10 | 0 | 0 | 0 | 0 |
| Madurai | 0830 | 133 | 1007.2 | 992.3 | +0.4 | 29.3 | 24.0 | 21.3 | 25.6 | 62 | + 7 | 6.2 | +0.5 | 5.2 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 1 | 3 | 3 | 17 | 4 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1006.2 | 991.4 | .. | 26.1 | 23.0 | 21.5 | 25.6 | 76 | .. | 3.9 | .. | 7.1 | 0 | 1 | 24 | 06 | 1 | 0 | 2 | 3 | 2 | 2 | 9 | 5 | 0 |
| | 0830 | 131 | 1007.6 | 992.9 | +0.1 | 29.4 | 24.1 | 21.5 | 25.6 | 63 | + 4 | 4.6 | -0.9 | 10.9 | 0 | 3 | 26 | 07 | 1 | 0 | 4 | 1 | 1 | 6 | 9 | 1 | 0 |
| | 1130 | 131 | 1006.7 | 992.2 | .. | 33.4 | 24.7 | 20.3 | 24.0 | 47 | .. | 4.7 | .. | 13.3 | 0 | 5 | 25 | 02 | 1 | 1 | 1 | 6 | 9 | 6 | 4 | 0 | 0 |
| | 1730 | 131 | 1004.1 | 989.6 | +0.1 | 31.8 | 24.5 | 20.9 | 24.7 | 55 | + 6 | 5.9 | -0.6 | 24.7 | 0 | 22 | 7 | 01 | 1 | 1 | 3 | 6 | 3 | 12 | 2 | 1 | 0 |
| Tondi | 0830 | 5 | 1008.1 | 1007.5 | +0.1 | 29.3 | 25.1 | 23.2 | 28.4 | 70 | + 3 | 3.2 | -2.1 | 7.5 | 0 | 2 | 22 | 00 | 0 | 1 | 0 | 9 | 12 | 1 | 1 | 6 | 0 |
| | 1730 | 5 | 1004.8 | 1004.2 | +0.7 | 30.1 | 26.4 | 24.9 | 31.5 | 75 | + 0 | 3.9 | -1.9 | 30.0 | 0 | 27 | 3 | 00 | 0 | 0 | 10 | 17 | 2 | 1 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1008.1 | 1006.8 | +0.7 | 28.3 | 25.9 | 24.9 | 31.7 | 84 | + 7 | 4.6 | +0.8 | 17.3 | 0 | 14 | 16 | 00 | 0 | 0 | 0 | 18 | 11 | 1 | 0 | 0 | 0 |
| | 1730 | 11 | 1005.2 | 1003.9 | +0.7 | 28.7 | 26.0 | 24.9 | 31.5 | 80 | + 1 | 5.3 | +0.9 | 24.4 | 0 | 23 | 7 | 00 | 0 | 0 | 3 | 23 | 4 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1008.5 | 1008.1 | +0.9 | 30.1 | 24.6 | 22.0 | 26.3 | 63 | + 3 | 3.3 | -0.9 | 11.2 | 0 | 4 | 26 | 00 | 0 | 0 | 1 | 1 | 12 | 15 | 1 | 0 | 0 |
| | 1730 | 4 | 1005.1 | 1004.7 | +0.5 | 32.0 | 25.0 | 21.7 | 25.9 | 57 | + 6 | 4.0 | +0.0 | 22.9 | 0 | 21 | 9 | 00 | 0 | 0 | 3 | 10 | 4 | 12 | 1 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1008.3 | 1002.5 | +1.0 | 30.9 | 24.0 | 20.5 | 24.1 | 54 | - 3 | 5.1 | -0.5 | 12.5 | 0 | 8 | 22 | 01 | 0 | 0 | 0 | 5 | 3 | 19 | 2 | 0 | 0 |
| | 1730 | 51 | 1004.9 | 999.3 | +0.5 | 32.7 | 24.2 | 19.8 | 23.5 | 47 | - 4 | 5.6 | -0.5 | 20.7 | 0 | 20 | 10 | 00 | 0 | 1 | 1 | 0 | 2 | 22 | 4 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1009.0 | 1005.1 | .. | 26.4 | 24.4 | 23.4 | 28.8 | 83 | .. | 6.0 | .. | 17.0 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 2 | 26 | 2 | 0 | 0 |
| | 1730 | 37 | 1006.9 | 1002.9 | .. | 27.2 | 25.0 | 23.3 | 28.6 | 80 | .. | 5.9 | .. | 17.0 | 0 | 9 | 21 | 00 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1008.2 | 1007.7 | +1.3 | 27.3 | 25.9 | 25.2 | 32.2 | 89 | + 1 | 7.6 | +0.6 | 7.1 | 0 | 1 | 29 | 02 | 1 | 2 | 4 | 2 | 2 | 3 | 6 | 0 | 8 |
| | 1730 | 4 | 1006.3 | 1005.8 | +1.1 | 28.2 | 26.1 | 25.1 | 32.2 | 84 | + 2 | 7.8 | +0.9 | 9.9 | 0 | 3 | 26 | 00 | 0 | 3 | 1 | 1 | 0 | 1 | 4 | 0 | 19 |
| Honavar | 0830 | 26 | 1008.5 | 1005.5 | +0.7 | 26.1 | 24.9 | 24.4 | 30.5 | 90 | + 1 | 7.1 | +0.2 | 3.6 | 0 | 0 | 29 | 01 | 3 | 13 | 0 | 2 | 5 | 3 | 2 | 1 | 0 |
| | 1730 | 26 | 1006.5 | 1003.6 | +0.7 | 28.2 | 26.0 | 25.3 | 31.9 | 83 | - 3 | 6.2 | -0.6 | 5.1 | 0 | 0 | 30 | 00 | 0 | 2 | 0 | 15 | 3 | 10 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1007.5 | 995.9 | .. | 24.4 | 23.8 | 23.5 | 28.9 | 94 | .. | 7.1 | .. | 7.4 | 0 | 1 | 20 | 00 | 2 | 7 | 6 | 0 | 2 | 3 | 1 | 9 | 0 |
| | 0530 | 102 | 1007.6 | 996.0 | .. | 24.3 | 23.6 | 23.3 | 28.6 | 95 | .. | 6.8 | .. | 6.3 | 0 | 2 | 15 | 01 | 0 | 12 | 3 | 0 | 1 | 0 | 0 | 13 | 0 |
| | 0830 | 102 | 1009.0 | 997.5 | +0.5 | 25.5 | 24.4 | 23.8 | 29.7 | 91 | + 0 | 6.8 | -0.2 | 8.2 | 0 | 0 | 22 | 01 | 2 | 8 | 8 | 0 | 1 | 1 | 1 | 8 | 0 |
| | 1130 | 102 | 1008.9 | 997.4 | .. | 27.7 | 25.1 | 24.0 | 29.8 | 81 | .. | 6.8 | .. | 11.4 | 0 | 5 | 20 | 02 | 0 | 1 | 2 | 3 | 6 | 6 | 4 | 5 | 1 |
| | 1430 | 102 | 1007.2 | 995.8 | .. | 28.2 | 25.1 | 23.8 | 29.3 | 78 | .. | 6.9 | .. | 16.2 | 0 | 7 | 22 | 01 | 0 | 2 | 1 | 3 | 6 | 12 | 4 | 1 | 0 |
| | 1730 | 102 | 1006.7 | 995.3 | +0.1 | 27.3 | 25.0 | 23.9 | 29.7 | 82 | - 3 | 7.2 | -0.1 | 14.5 | 0 | 5 | 23 | 01 | 0 | 1 | 0 | 1 | 12 | 9 | 4 | 2 | 0 |
| | 2030 | 102 | 1008.3 | 996.8 | .. | 25.9 | 24.7 | 24.1 | 30.2 | 90 | .. | 6.7 | .. | 7.9 | 0 | 1 | 21 | 00 | 0 | 5 | 2 | 5 | 3 | 4 | 2 | 8 | 1 |
| | 2330 | 102 | 1009.2 | 997.7 | .. | 25.2 | 24.3 | 23.9 | 29.7 | 93 | .. | 7.2 | .. | 8.6 | 0 | 4 | 15 | 00 | 0 | 10 | 3 | 2 | 2 | 0 | 2 | 11 | 0 |
| Mangalore | 0830 | 22 | 1008.9 | 1006.4 | +0.6 | 26.1 | 24.8 | 24.2 | 30.2 | 89 | + 0 | 5.9 | -1.2 | 7.3 | 0 | 0 | 30 | 03 | 2 | 10 | 10 | 1 | 3 | 0 | 1 | 0 | 0 |
| | 1730 | 22 | 1006.9 | 1004.4 | +0.5 | 28.1 | 25.5 | 24.4 | 30.5 | 81 | - 4 | 5.5 | -1.7 | 8.8 | 0 | 1 | 29 | 00 | 0 | 0 | 1 | 1 | 13 | 5 | 9 | 0 | 1 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1004.9 | 932.6 | +1.4 | 26.0 | 21.9 | 19.8 | 23.2 | 69 | - 7 | 6.1 | +0.4 | 23.7 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 18 | 10 | 2 | 0 | 0 |
| | 1730 | 664 | 999.0 | 928.4 | +0.8 | 31.2 | 21.6 | 16.6 | 18.8 | 43 | -11 | 6.1 | -0.4 | 20.7 | 0 | 17 | 12 | 01 | 2 | 2 | 2 | 2 | 10 | 9 | 1 | 1 | 0 |
| Gulbarga | 0830 | 458 | 1005.8 | 955.3 | +1.0 | 26.5 | 22.7 | 20.9 | 24.7 | 72 | + 1 | 6.4 | +0.9 | 12.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 7 | 20 | 1 | 1 | 0 |
| | 1730 | 458 | 1000.1 | 951.1 | +1.1 | 33.7 | 23.1 | 17.8 | 20.5 | 40 | - 7 | 6.9 | +0.6 | 15.0 | 0 | 7 | 23 | 01 | 0 | 0 | 2 | 2 | 9 | 16 | 0 | 0 | 0 |
| Bijapur | 0830 | 594 | 1006.2 | 940.7 | +0.7 | 25.0 | 22.5 | 21.2 | 25.3 | 81 | + 6 | 6.5 | +1.2 | 3.9 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 0 | 9 | 18 | 2 | 0 | 0 |
| | 1730 | 594 | 1001.7 | 937.8 | +1.2 | 32.8 | 23.9 | 20.0 | 23.1 | 51 | - 1 | 6.4 | +0.6 | 4.0 | 0 | 2 | 28 | 00 | 1 | 0 | 1 | 3 | 5 | 16 | 4 | 0 | 0 |
| Raichur | 0830 | 400 | 1006.4 | 962.3 | +1.1 | 27.8 | 23.3 | 20.7 | 25.0 | 67 | - 6 | 4.8 | -0.3 | 9.7 | 0 | 1 | 27 | 00 | 0 | 0 | 1 | 0 | 22 | 2 | 2 | 2 | 1 |
| | 1730 | 400 | 1000.5 | 957.3 | +0.3 | 34.0 | 23.5 | 17.3 | 20.1 | 38 | -12 | 5.9 | +0.1 | 12.9 | 0 | 3 | 27 | 00 | 0 | 0 | 2 | 0 | 14 | 0 | 14 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH** (Contd.)... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum | 0830 | 753 | 1008.1 | 925.7 | +1.5 | 23.0 | 21.8 | 21.3 | 25.2 | 90 | + 5 | 7.0 | +1.1 | 5.1 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 0 | 0 | 21 | 2 | 7 | 0 |
| | 1730 | 753 | 1004.8 | 923.4 | +1.2 | 25.7 | 22.9 | 21.7 | 25.8 | 79 | + 3 | 7.4 | +1.4 | 8.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 3 | 25 | 2 | 0 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1006.3 | 924.1 | .. | 21.6 | 20.7 | 20.2 | 23.8 | 91 | .. | 6.7 | .. | 10.9 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 0 |
| | 0830 | 747 | 1007.0 | 925.4 | +0.6 | 23.4 | 21.5 | 20.6 | 24.1 | 85 | + 1 | 7.0 | +0.5 | 17.1 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 11 | 17 | 2 | 0 | 0 |
| | 1130 | 747 | 1006.3 | 925.5 | .. | 26.5 | 22.2 | 20.0 | 23.5 | 68 | .. | 6.8 | .. | 20.8 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 0 | 8 | 21 | 1 | 0 | 0 |
| | 1430 | 747 | 1004.4 | 924.0 | .. | 27.7 | 22.4 | 19.8 | 23.2 | 63 | .. | 7.0 | .. | 20.9 | 0 | 25 | 5 | 00 | 0 | 0 | 0 | 0 | 8 | 21 | 1 | 0 | 0 |
| | 1730 | 747 | 1004.3 | 923.4 | +0.6 | 25.9 | 22.1 | 20.3 | 23.8 | 72 | - 3 | 6.9 | +0.5 | 20.9 | 0 | 22 | 8 | 00 | 0 | 0 | 0 | 0 | 5 | 25 | 0 | 0 | 0 |
| | 2030 | 747 | 1006.9 | 925.1 | .. | 22.8 | 21.2 | 20.3 | 24.0 | 86 | .. | 6.0 | .. | 15.8 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 8 | 22 | 0 | 0 | 0 |
| Gadag | 0530 | 650 | 1006.5 | 934.8 | .. | 22.0 | 21.2 | 20.8 | 24.6 | 93 | .. | 6.2 | .. | 11.5 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 0 |
| | 0830 | 650 | 1007.3 | 935.9 | +1.3 | 23.8 | 22.0 | 21.2 | 25.2 | 86 | - 2 | 6.8 | +0.7 | 9.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 27 | 2 | 1 | 0 | 0 |
| | 1130 | 650 | 1005.9 | 935.7 | .. | 28.7 | 23.2 | 20.6 | 24.4 | 62 | .. | 6.6 | .. | 16.2 | 0 | 10 | 20 | 01 | 0 | 0 | 0 | 1 | 17 | 10 | 1 | 0 | 0 |
| | 1430 | 650 | 1003.5 | 933.9 | .. | 30.7 | 23.5 | 20.1 | 23.7 | 54 | .. | 6.8 | .. | 18.3 | 0 | 13 | 17 | 01 | 1 | 0 | 0 | 0 | 16 | 10 | 2 | 0 | 0 |
| | 1730 | 650 | 1003.1 | 933.2 | +0.9 | 28.9 | 23.0 | 20.3 | 23.8 | 58 | -10 | 7.1 | +0.9 | 11.1 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 24 | 5 | 1 | 0 | 0 |
| | 2030 | 650 | 1006.7 | 935.4 | .. | 24.9 | 22.3 | 20.8 | 25.0 | 80 | .. | 4.8 | .. | 15.2 | 0 | 5 | 25 | 00 | 0 | 1 | 0 | 0 | 18 | 11 | 0 | 0 | 0 |
| | 2330 | 650 | 1007.9 | 936.2 | .. | 23.0 | 21.6 | 20.9 | 24.7 | 89 | .. | 4.9 | .. | 13.5 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 0 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1006.5 | 957.0 | +1.0 | 26.8 | 23.6 | 22.2 | 26.4 | 76 | + 9 | 4.8 | -0.8 | 8.3 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 0 | 11 | 14 | 5 | 0 |
| | 1730 | 449 | 1001.8 | 953.6 | +1.1 | 33.1 | 25.1 | 21.5 | 25.3 | 53 | + 3 | 6.3 | +0.5 | 12.5 | 0 | 5 | 25 | 00 | 0 | 0 | 0 | 0 | 1 | 11 | 18 | 0 | 0 |
| Chitradurga | 0830 | 733 | 1007.3 | 927.1 | +0.9 | 23.5 | 21.2 | 19.8 | 23.5 | 82 | + 3 | 5.5 | -1.0 | 12.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 10 | 20 | 0 | 0 | 0 |
| | 1730 | 733 | 1002.7 | 924.4 | +0.7 | 29.4 | 22.1 | 18.6 | 21.3 | 53 | -10 | 5.3 | -1.1 | 12.6 | 0 | 5 | 24 | 00 | 0 | 0 | 0 | 0 | 12 | 17 | 0 | 1 | 0 |
| Shimoga | 0830 | 571 | 1007.4 | 944.5 | +0.6 | 24.5 | 21.9 | 20.6 | 24.4 | 79 | - 4 | 7.3 | +0.9 | 4.2 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 4 | 25 | 0 | 0 | 0 |
| | 1730 | 571 | 1004.2 | 942.1 | +0.2 | 27.6 | 22.5 | 19.8 | 23.5 | 62 | -11 | 6.9 | +0.6 | 5.8 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 5 | 24 | 1 | 0 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 22.5 | 21.9 | 21.6 | 25.8 | 95 | .. | . | .. | 4.5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 22.3 | 20.9 | 20.2 | 23.7 | 88 | - 4 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1493.5 | 904.2 | +0.8 | 21.9 | 20.0 | 19.1 | 22.1 | 84 | - 1 | 6.1 | -0.7 | 4.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 0 | 0 |
| | 1730 | 960 | 1480.5 | 902.2 | +0.8 | 25.0 | 20.7 | 18.4 | 21.3 | 68 | - 9 | 5.7 | -1.0 | 3.9 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 9 | 20 | 1 | 0 | 0 |
| Bangalore | 0230 | 921 | 1485.7 | 907.6 | .. | 21.4 | 20.0 | 19.2 | 22.4 | 88 | .. | 4.1 | .. | 10.3 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 1 | 11 | 17 | 0 | 1 | 0 |
| | 0830 | 921 | 1497.3 | 908.6 | +1.5 | 22.5 | 20.5 | 19.6 | 22.8 | 84 | + 2 | 6.9 | +0.0 | 9.7 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 14 | 9 | 1 | 0 | 0 |
| | 1130 | 921 | 1503.1 | 908.4 | .. | 26.4 | 21.6 | 19.1 | 22.2 | 65 | .. | 6.7 | .. | 11.9 | 0 | 17 | 13 | 00 | 0 | 0 | 1 | 1 | 14 | 13 | 2 | 0 | 0 |
| | 1430 | 921 | 1491.9 | 906.8 | .. | 28.6 | 22.2 | 19.0 | 22.1 | 58 | .. | 6.8 | .. | 10.8 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 0 | 18 | 9 | 2 | 1 | 0 |
| | 1730 | 921 | 1482.9 | 906.1 | +1.6 | 27.8 | 21.6 | 18.4 | 21.3 | 58 | - 4 | 7.2 | +0.3 | 11.1 | 0 | 4 | 24 | 00 | 0 | 0 | 1 | 0 | 16 | 8 | 3 | 2 | 0 |
| | 2030 | 921 | 1491.5 | 907.6 | .. | 24.6 | 20.8 | 18.8 | 21.8 | 68 | .. | 4.9 | .. | 9.7 | 0 | 1 | 26 | 02 | 0 | 0 | 0 | 2 | 15 | 8 | 0 | 3 | |
| Bangalore Aerodrome | 0530 | 897 | 1474.1 | 909.1 | .. | 20.7 | 19.9 | 19.4 | 22.7 | 92 | .. | 5.7 | .. | 15.0 | 0 | 4 | 25 | 00 | 0 | 0 | 0 | 0 | 4 | 24 | 1 | 1 | 0 |
| | 0830 | 897 | 1490.7 | 910.5 | +1.1 | 22.6 | 20.7 | 19.8 | 22.9 | 94 | + 4 | 6.4 | -0.2 | 20.8 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 0 | 1 | 26 | 3 | 0 | 0 |
| | 1130 | 897 | 1494.9 | 910.1 | .. | 26.3 | 21.8 | 19.5 | 22.9 | 67 | .. | 6.2 | .. | 23.0 | 0 | 15 | 14 | 00 | 0 | 0 | 0 | 0 | 2 | 25 | 2 | 1 | 0 |
| | 1730 | 897 | 1473.2 | 907.6 | +0.7 | 27.6 | 22.1 | 19.5 | 22.7 | 63 | + 2 | 7.0 | +0.2 | 18.4 | 0 | 13 | 16 | 00 | 0 | 0 | 1 | 1 | 6 | 16 | 5 | 1 | 0 |
| | 2330 | 897 | 1490.6 | 910.5 | .. | 22.8 | 20.7 | 19.7 | 22.9 | 82 | .. | 5.0 | .. | 18.5 | 0 | 8 | 21 | 00 | 0 | 0 | 0 | 0 | 5 | 22 | 2 | 1 | 0 |
| Mysore | 0830 | 767 | 1008.4 | 924.7 | +0.9 | 23.1 | 21.0 | 19.4 | 22.7 | 80 | - 1 | 4.3 | -1.6 | 9.3 | 0 | 0 | 30 | 04 | 3 | 2 | 5 | 3 | 5 | 1 | 7 | 3 | 0 |
| | 1730 | 767 | 1004.8 | 922.4 | +0.6 | 28.1 | 21.4 | 17.9 | 20.5 | 55 | -11 | 5.0 | -1.4 | 11.1 | 0 | 2 | 28 | 04 | 4 | 0 | 2 | 8 | 4 | 3 | 5 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1008.6 | 1008.0 | .. | 24.6 | 24.1 | 23.9 | 29.7 | 96 | .. | 7.0 | .. | 0.7 | 0 | 0 | 6 | 00 | 1 | 1 | 1 | 0 | 1 | 2 | 0 | 24 | 0 |
| | 0830 | 5 | 1009.9 | 1009.3 | +0.9 | 25.9 | 25.1 | 24.2 | 31.1 | 93 | + 3 | 6.5 | -0.4 | 0.7 | 0 | 0 | 5 | 00 | 0 | 1 | 0 | 2 | 0 | 1 | 1 | 25 | 0 |
| | 1130 | 5 | 1009.9 | 1009.3 | .. | 27.8 | 26.1 | 25.3 | 32.2 | 86 | .. | 6.6 | .. | 2.4 | 0 | 0 | 19 | 01 | 0 | 0 | 0 | 4 | 4 | 8 | 2 | 11 | 0 |
| | 1430 | 5 | 1008.8 | 1008.2 | .. | 28.3 | 26.5 | 25.8 | 33.2 | 86 | .. | 6.5 | .. | 3.0 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 3 | 5 | 7 | 4 | 11 | 0 |
| | 1730 | 5 | 1007.9 | 1007.3 | +0.9 | 27.7 | 26.0 | 25.3 | 32.2 | 87 | + 2 | 6.9 | +0.0 | 3.3 | 0 | 0 | 19 | 01 | 0 | 0 | 0 | 2 | 1 | 5 | 10 | 11 | 0 |
| | 2330 | 5 | 1010.2 | 1009.6 | .. | 25.8 | 25.1 | 24.8 | 31.1 | 91 | .. | 6.5 | .. | 2.3 | 0 | 0 | 11 | 01 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 19 | 0 |
| Palghat | 0830 | 97 | 1009.5 | 998.5 | +0.8 | 26.5 | 24.5 | 23.6 | 29.1 | 84 | - 5 | 6.0 | -0.4 | 9.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 |
| | 1730 | 97 | 1006.5 | 995.5 | +0.1 | 27.9 | 24.5 | 23.0 | 27.9 | 76 | - 6 | 6.4 | -0.6 | 11.1 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1009.8 | 1009.5 | +0.3 | 26.3 | 24.7 | 24.1 | 29.8 | 88 | + 0 | 7.6 | +0.3 | 3.2 | 0 | 0 | 20 | 01 | 5 | 4 | 1 | 1 | 4 | 3 | 1 | 10 | 0 |
| | 1730 | 3 | 1008.0 | 1007.7 | +0.7 | 27.1 | 25.3 | 24.5 | 30.7 | 86 | + 2 | 7.4 | +0.2 | 7.7 | 0 | 2 | 27 | 00 | 3 | 1 | 4 | 2 | 4 | 8 | 7 | 1 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1008.7 | 1008.4 | .. | 25.2 | 24.5 | 24.2 | 30.0 | 95 | .. | 7.0 | .. | 4.3 | 0 | 0 | 16 | 03 | 1 | 4 | 3 | 2 | 2 | 0 | 1 | 14 | 0 |
| | 0530 | 3 | 1008.6 | 1008.3 | .. | 24.7 | 24.1 | 23.9 | 29.5 | 95 | .. | 7.1 | .. | 3.1 | 0 | 0 | 14 | 00 | 0 | 7 | 4 | 3 | 0 | 0 | 0 | 16 | 0 |
| | 0830 | 3 | 1010.1 | 1009.9 | .. | 26.2 | 24.7 | 24.1 | 30.0 | 89 | .. | 6.8 | .. | 5.0 | 0 | 0 | 21 | 01 | 1 | 5 | 8 | 2 | 3 | 0 | 1 | 9 | 0 |
| | 1130 | 3 | 1010.2 | 1009.9 | .. | 27.9 | 25.6 | 24.5 | 30.9 | 82 | .. | 6.9 | .. | 9.7 | 0 | 0 | 25 | 02 | 0 | 1 | 0 | 4 | 11 | 3 | 4 | 5 | 0 |
| | 1730 | 3 | 1007.9 | 1007.7 | .. | 27.5 | 25.6 | 24.8 | 31.1 | 85 | .. | 6.9 | .. | 10.0 | 0 | 1 | 26 | 00 | 1 | 1 | 2 | 3 | 8 | 7 | 5 | 3 | 0 |
| | 2330 | 3 | 1010.2 | 1009.9 | .. | 25.7 | 24.8 | 24.4 | 30.5 | 93 | .. | 6.6 | .. | 4.8 | 0 | 0 | 16 | 01 | 0 | 5 | 2 | 3 | 1 | 2 | 2 | 14 | 0 |
| Alleppey | 0830 | 4 | 1009.9 | 1009.5 | +0.8 | 25.9 | 24.8 | 24.3 | 30.4 | 91 | + 1 | 6.8 | -0.3 | 7.5 | 0 | 0 | 30 | 00 | 9 | 2 | 6 | 0 | 8 | 1 | 4 | 0 | 0 |
| | 1730 | 4 | 1008.4 | 1008.0 | +1.3 | 27.7 | 25.7 | 24.8 | 31.3 | 85 | + 0 | 6.5 | -0.5 | 19.5 | 0 | 16 | 14 | 00 | 0 | 0 | 1 | 0 | 5 | 7 | 17 | 0 | 0 |
| Punalur | 0830 | 34 | 1010.3 | 1006.5 | +0.7 | 25.7 | 24.6 | 24.1 | 30.0 | 91 | - 2 | 6.8 | +0.5 | 0.8 | 0 | 0 | 9 | 01 | 2 | 2 | 1 | 1 | 0 | 1 | 1 | 21 | 0 |
| | 1730 | 34 | 1007.7 | 1003.9 | +0.3 | 27.9 | 25.0 | 23.7 | 29.3 | 78 | + 3 | 7.0 | +0.5 | 3.6 | 0 | 0 | 23 | 03 | 1 | 1 | 0 | 2 | 4 | 6 | 6 | 7 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KERALA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Trivandrum | 0230 | 64 | 1008.9 | 1001.5 | .. | 24.4 | 24.0 | 23.8 | 29.5 | 96 | .. | 5.5 | .. | 5.2 | 0 | 1 | 15 | 03 | 2 | 0 | 0 | 0 | 1 | 4 | 6 | 14 | 0 |
| | 0530 | 64 | 1008.7 | 1001.4 | .. | 24.2 | 23.8 | 23.5 | 29.1 | 96 | .. | 5.8 | .. | 5.9 | 0 | 1 | 21 | 06 | 4 | 0 | 0 | 0 | 2 | 2 | 8 | 8 | 0 |
| | 0830 | 64 | 1010.3 | 1003.0 | +0.7 | 25.6 | 24.4 | 23.9 | 29.7 | 91 | + 1 | 6.1 | -0.5 | 7.6 | 0 | 0 | 28 | 05 | 3 | 0 | 0 | 0 | 2 | 5 | 13 | 2 | 0 |
| | 1130 | 64 | 1010.0 | 1002.7 | .. | 27.6 | 25.0 | 23.7 | 29.5 | 78 | .. | 6.4 | .. | 13.7 | 0 | 4 | 26 | 04 | 0 | 0 | 0 | 0 | 3 | 9 | 14 | 0 | 0 |
| | 1430 | 64 | 1008.0 | 1000.7 | .. | 28.4 | 25.1 | 23.7 | 29.3 | 76 | .. | 6.1 | .. | 15.3 | 0 | 4 | 26 | 02 | 0 | 0 | 0 | 0 | 4 | 10 | 14 | 0 | 0 |
| | 1730 | 64 | 1007.8 | 1000.6 | +0.5 | 22.7 | 24.8 | 23.5 | 28.9 | 79 | - 3 | 6.0 | -0.6 | 13.9 | 0 | 5 | 25 | 02 | 0 | 0 | 0 | 0 | 3 | 8 | 17 | 0 | 0 |
| | 2030 | 64 | 1009.9 | 1002.6 | .. | 25.7 | 24.5 | 24.0 | 29.8 | 90 | .. | 4.8 | .. | 9.6 | 0 | 2 | 25 | 03 | 1 | 0 | 0 | 1 | 2 | 3 | 17 | 3 | 0 |
| | 2330 | 64 | 1010.5 | 1003.1 | .. | 24.9 | 24.1 | 23.7 | 29.3 | 93 | .. | 5.4 | .. | 8.8 | 0 | 1 | 26 | 07 | 2 | 0 | 0 | 1 | 2 | 1 | 14 | 3 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1010.5 | 1009.6 | +0.8 | 26.6 | 24.7 | 23.9 | 29.7 | 86 | + 0 | 6.4 | +0.1 | 13.5 | 0 | 9 | 11 | 05 | 1 | 0 | 0 | 0 | 0 | 2 | 12 | 10 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1006.9 | 1006.5 | .. | 27.9 | 25.9 | 25.0 | 32.1 | 85 | .. | 6.5 | .. | 30.9 | 1 | 24 | 4 | 00 | 0 | 0 | 0 | 0 | 7 | 18 | 4 | 1 | 0 |
| | 0830 | 4 | 1008.4 | 1007.9 | +0.1 | 28.4 | 26.1 | 25.1 | 31.9 | 83 | + 1 | 6.9 | +0.4 | 27.8 | 0 | 22 | 7 | 01 | 0 | 0 | 0 | 0 | 7 | 16 | 5 | 1 | 0 |
| | 1130 | 4 | 1008.7 | 1008.3 | .. | 29.3 | 26.6 | 25.5 | 32.6 | 80 | .. | 6.7 | .. | 27.9 | 0 | 22 | 7 | 01 | 0 | 0 | 0 | 0 | 7 | 20 | 1 | 1 | 0 |
| | 1730 | 4 | 1006.5 | 1006.1 | .. | 29.0 | 26.4 | 25.4 | 32.2 | 81 | .. | 6.8 | .. | 30.8 | 0 | 30 | 0 | 01 | 0 | 0 | 0 | 0 | 10 | 17 | 2 | 0 | 0 |
| | 2330 | 4 | 1008.5 | 1008.1 | .. | 28.5 | 26.2 | 25.3 | 32.2 | 83 | .. | 6.5 | .. | 32.4 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 5 | 23 | 2 | 0 | 0 |
| Agatti | 0830 | 4 | 1008.6 | 1008.1 | .. | 28.0 | 25.8 | 24.8 | 31.5 | 83 | .. | 7.4 | .. | 21.0 | 0 | 19 | 11 | 00 | 0 | 1 | 0 | 0 | 5 | 21 | 3 | 0 | 0 |
| | 1730 | 4 | 1007.3 | 1006.8 | .. | 28.5 | 26.4 | 25.4 | 32.6 | 82 | .. | 7.1 | .. | 20.5 | 0 | 19 | 11 | 00 | 0 | 0 | 0 | 0 | 10 | 18 | 2 | 0 | 0 |
| Androth | 0830 | 5 | 1009.3 | 1008.8 | .. | 27.7 | 25.9 | 25.2 | 32.1 | 87 | .. | 6.8 | .. | 4.6 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 4 | 9 | 3 | 5 | 9 |
| | 1730 | 5 | 1006.2 | 1005.7 | .. | 28.2 | 26.1 | 25.2 | 32.2 | 84 | .. | 7.1 | .. | 7.2 | 0 | 0 | 26 | 01 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 4 | 18 |
| Minicoy | 0530 | 2 | 1008.7 | 1008.5 | .. | 26.8 | 24.9 | 24.0 | 30.0 | 85 | .. | 6.2 | .. | 12.9 | 0 | 10 | 16 | 00 | 0 | 0 | 0 | 0 | 2 | 21 | 3 | 4 | 0 |
| | 0830 | 2 | 1010.2 | 1010.0 | +0.7 | 27.6 | 25.3 | 24.3 | 30.4 | 82 | + 2 | 6.4 | -0.4 | 11.5 | 0 | 3 | 25 | 00 | 0 | 0 | 1 | 0 | 1 | 21 | 5 | 2 | 0 |
| | 1130 | 2 | 1010.5 | 1010.3 | .. | 29.0 | 26.0 | 24.7 | 31.1 | 78 | .. | 6.5 | .. | 13.8 | 0 | 6 | 23 | 00 | 0 | 0 | 0 | 0 | 4 | 19 | 6 | 1 | 0 |
| | 1430 | 2 | 1008.9 | 1008.7 | .. | 28.7 | 25.8 | 24.6 | 30.7 | 79 | .. | 6.5 | .. | 14.1 | 0 | 6 | 24 | 01 | 0 | 0 | 0 | 0 | 2 | 22 | 5 | 0 | 0 |
| | 1730 | 2 | 1008.4 | 1008.2 | +0.9 | 28.2 | 25.5 | 24.3 | 30.4 | 80 | + 0 | 6.7 | -0.4 | 14.6 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 0 | 1 | 25 | 4 | 0 | 0 |
| | 2030 | 2 | 1009.9 | 1009.7 | .. | 27.3 | 25.1 | 24.1 | 30.0 | 83 | .. | 6.0 | .. | 17.4 | 0 | 15 | 12 | 01 | 0 | 0 | 0 | 0 | 2 | 17 | 7 | 3 | 0 |
| | 2330 | 2 | 1010.6 | 1010.4 | .. | 27.1 | 25.0 | 24.1 | 30.0 | 83 | .. | 6.1 | .. | 16.4 | 0 | 12 | 16 | 00 | 0 | 0 | 0 | 0 | 3 | 22 | 3 | 2 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1404.8 | 797.9 | +2.4 | 21.4 | 15.9 | 11.8 | 13.8 | 61 | - 2 | 1.1 | -0.5 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 1959 | 1384.6 | 796.4 | +1.7 | 23.7 | 17.8 | 13.5 | 15.5 | 59 | + 1 | 1.9 | -1.1 | 0.6 | 0 | 0 | 5 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 2 |
| Dharmsala | 0830 | 1211 | 1481.3 | 877.1 | +0.5 | 27.0 | 19.2 | 13.4 | 15.4 | 53 | + 4 | 3.3 | +1.3 | 1.1 | 0 | 0 | 17 | 00 | 7 | 6 | 3 | 0 | 1 | 0 | 0 | 13 | 0 |
| | 1730 | 1211 | 1464.0 | 875.0 | -0.1 | 29.3 | 20.0 | 12.4 | 14.2 | 48 | + 7 | 4.8 | +1.8 | 2.3 | 0 | 0 | 28 | 00 | 0 | 3 | 1 | 0 | 15 | 7 | 2 | 2 | 0 |
| Bhuntar | 0830 | 1067 | 1444.1 | 884.8 | .. | 23.3 | 18.2 | 14.5 | 16.5 | 61 | .. | 3.6 | .. | 4.3 | 0 | 0 | 27 | 08 | 2 | 4 | 5 | 6 | 1 | 0 | 1 | 3 | 0 |
| | 1730 | 1067 | 1408.6 | 880.4 | .. | 31.3 | 20.1 | 13.7 | 15.6 | 37 | .. | 3.9 | .. | 14.1 | 0 | 8 | 22 | 08 | 0 | 3 | 7 | 9 | 0 | 0 | 3 | 0 | 0 |
| Simla | 0830 | 2202 | 1434.1 | 778.4 | +0.4 | 20.4 | 14.7 | 9.8 | 12.1 | 61 | + 8 | 4.1 | +1.0 | 1.1 | 0 | 0 | 12 | 00 | 6 | 1 | 2 | 1 | 2 | 0 | 0 | 18 | 0 |
| | 1730 | 2202 | 1416.5 | 777.1 | +0.3 | 21.6 | 16.0 | 11.2 | 13.3 | 61 | + 8 | 4.8 | +0.7 | 1.5 | 0 | 0 | 17 | 01 | 2 | 0 | 2 | 2 | 9 | 0 | 1 | 13 | 0 |
| Lokpal . (see foot-note) | 0830 | | .. | .. | .. | 2.3 | 0.7 | - 1.3 | 5.5 | 77 | -9 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 806.0 | +0.1 | 21.1 | 14.7 | 10.0 | 12.3 | 53 | -15 | 3.0 | -0.9 | 4.6 | 0 | 0 | 30 | 05 | 3 | 10 | 0 | 3 | 0 | 2 | 7 | 0 | 0 |
| | 1730 | | .. | 803.6 | -0.1 | 24.5 | 16.0 | 9.5 | 11.9 | 42 | -13 | 5.6 | -0.4 | 5.9 | 0 | 0 | 30 | 03 | 6 | 8 | 2 | 1 | 2 | 4 | 4 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1434.1 | 792.7 | -0.9 | 20.4 | 15.2 | 10.6 | 12.8 | 60 | - 8 | 4.2 | +0.6 | 1.2 | 0 | 0 | 13 | 02 | 1 | 0 | 2 | 5 | 3 | 0 | 0 | 17 | 0 |
| | 1730 | 2042 | 1409.3 | 790.8 | -1.3 | 22.0 | 16.2 | 10.9 | 13.0 | 59 | - 7 | 5.1 | +0.8 | 2.9 | 0 | 0 | 21 | 03 | 1 | 0 | 4 | 8 | 4 | 0 | 1 | 9 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3115.5 | 769.7 | +1.2 | 18.1 | 13.7 | 9.3 | 12.6 | 67 | + 0 | 4.6 | +1.0 | 9.7 | 0 | 3 | 22 | 00 | 0 | 3 | 0 | 2 | 2 | 12 | 6 | 5 | 0 |
| | 1730 | 2311 | 3099.7 | 767.6 | +0.8 | 21.0 | 15.5 | 10.7 | 14.0 | 62 | - 1 | 4.5 | +0.6 | 13.7 | 0 | 8 | 20 | 00 | 0 | 1 | 0 | 0 | 6 | 14 | 7 | 2 | 0 |
| Nainital | 0830 | 1953 | 1436.2 | 801.1 | +0.9 | 20.7 | 15.6 | 9.4 | 11.8 | 59 | - 4 | 4.5 | +0.4 | 8.5 | 0 | 0 | 25 | 00 | 3 | 10 | 9 | 0 | 0 | 1 | 2 | 5 | 0 |
| | 1730 | 1953 | 1410.6 | 798.7 | +0.1 | 21.4 | 15.9 | 10.5 | 12.7 | 59 | - 4 | 4.1 | +0.4 | 7.5 | 0 | 0 | 30 | 02 | 0 | 7 | 7 | 1 | 0 | 13 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1442.5 | 873.4 | -0.6 | 22.1 | 20.5 | 19.7 | 22.9 | 87 | - 1 | 4.1 | -1.2 | 3.9 | 0 | 0 | 30 | 00 | 0 | 0 | 21 | 0 | 0 | 1 | 8 | 0 | 0 |
| | 1730 | 1209 | 1420.1 | 870.9 | -0.7 | 22.9 | 21.3 | 20.5 | 24.1 | 87 | - 2 | 4.4 | -0.6 | 4.8 | 0 | 0 | 30 | 00 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1461.6 | 787.1 | -0.4 | 17.7 | 16.9 | 16.5 | 18.8 | 93 | + 4 | 7.7 | +0.6 | 1.7 | 0 | 0 | 11 | 03 | 0 | 0 | 0 | 1 | 6 | 0 | 0 | 19 | 1 |
| | 1730 | 2128 | 1441.7 | 785.2 | -0.2 | 17.1 | 16.4 | 16.1 | 18.3 | 93 | + 0 | 7.5 | +0.4 | 2.7 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 1 | 7 | 3 | 0 | 15 | 3 |
| Kohima | 0830 | 1406 | .. | .. | .. | 20.2 | 17.9 | 16.6 | 18.9 | 82 | - 3 | 7.9 | +1.1 | 2.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 1 | 0 |
| | 1730 | 1406 | .. | .. | .. | 21.3 | 19.2 | 18.1 | 20.8 | 82 | - 7 | 8.0 | +1.8 | 2.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| Shillong (C.S.O.) | 0830 | 1598 | 1444.4 | 835.2 | +1.4 | 19.2 | 18.0 | 17.3 | 19.1 | 89 | +10 | 7.3 | +0.2 | 3.6 | 0 | 1 | 14 | 00 | 1 | 5 | 2 | 3 | 2 | 2 | 0 | 15 | 0 |
| | 1730 | 1598 | 1423.0 | 833.2 | +1.7 | 19.7 | 18.2 | 17.3 | 19.7 | 87 | +7 | 6.6 | -0.4 | 7.2 | 0 | 3 | 19 | 00 | 3 | 4 | 4 | 4 | 5 | 2 | 0 | 8 | 0 |
| Cherrapunji | 0830 | 1313 | 1461.1 | 864.8 | +1.2 | 19.3 | 18.5 | 18.1 | 20.8 | 93 | - 1 | . | .. | 9.0 | 0 | 0 | 30 | 00 | 9 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 0 |
| | 1730 | 1313 | 1460.2 | 864.6 | +3.3 | 19.3 | 18.6 | 18.3 | 21.0 | 94 | + 1 | . | .. | 10.5 | 0 | 0 | 30 | 00 | 6 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 |
| Abu | 0830 | 1195 | 1462.3 | 876.6 | +1.5 | 22.8 | 18.9 | 16.1 | 18.3 | 74 | + 1 | 5.3 | +1.2 | 3.2 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 6 | 10 | 4 | 0 | 10 | 0 |
| | 1730 | 1195 | 1441.6 | 874.3 | +0.9 | 27.2 | 20.2 | 15.6 | 17.7 | 57 | + 3 | 3.7 | +0.3 | 4.0 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 6 | 10 | 4 | 0 | 10 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1462.7 | 888.6 | +0.8 | 25.3 | 20.1 | 16.7 | 19.7 | 66 | - 2 | 5.5 | -0.2 | 5.3 | 0 | 0 | 29 | 00 | 0 | 2 | 1 | 0 | 1 | 16 | 9 | 1 | 0 |

Shifted to Ghangaria(Kanjalia Tok) from 26-6-1966.

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmari (Contd.) | 1730 | 1075 | 1440.8 | 885.8 | +0.7 | 29.7 | 20.7 | 14.6 | 17.8 | 49 | - 6 | 5.7 | -0.4 | 4.3 | 0 | 0 | 28 | 00 | 3 | 0 | 0 | 0 | 2 | 10 | 13 | 2 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1477.3 | 859.7 | +0.6 | 18.9 | 18.5 | 18.2 | 21.0 | 96 | + 1 | 7.6 | +0.3 | 14.3 | 0 | 1 | 29 | 01 | 1 | 0 | 0 | 1 | 20 | 0 | 7 | 0 | 0 |
| | 1730 | 1382 | 1462.4 | 858.2 | +0.9 | 20.6 | 19.7 | 19.3 | 22.4 | 93 | - 1 | 7.3 | -0.1 | 12.1 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 19 | 1 | 10 | 0 | 0 |
| Mercara | 0830 | 1152 | 1493.4 | 884.7 | +1.0 | 19.6 | 18.8 | 18.6 | 21.1 | 95 | + 0 | 7.1 | +0.7 | 9.9 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 0 | 2 | 23 | 2 | 0 | 1 |
| | 1730 | 1152 | 1481.7 | 883.2 | +0.9 | 21.1 | 19.8 | 19.1 | 22.1 | 86 | - 8 | 7.3 | +0.9 | 10.4 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 3 | 21 | 4 | 0 | 1 |
| Ootacamund | 0830 | 2249 | 1503.4 | 779.4 | +1.6 | 14.2 | 12.6 | 11.5 | 13.4 | 82 | - 6 | 4.0 | -1.8 | 2.2 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 1 | 12 | 0 | 0 | 17 | 0 |
| | 1730 | 2249 | 1470.3 | 776.9 | +0.4 | 15.9 | 14.1 | 12.9 | 14.9 | 79 | - 6 | 5.8 | -0.9 | 2.2 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 11 | 5 | 0 | 14 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 20.7 | 16.6 | 14.1 | 16.3 | 67 | - 1 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3148.8 | 770.6 | +0.9 | 15.9 | 13.3 | 11.5 | 13.6 | 76 | + 0 | 5.6 | -0.1 | 5.6 | 0 | 1 | 23 | 01 | 0 | 0 | 4 | 2 | 3 | 10 | 4 | 6 | 0 |
| | 1130 | 2343 | 3156.7 | 770.7 | .. | 18.0 | 15.0 | 13.1 | 15.1 | 74 | .. | 6.9 | .. | 8.2 | 0 | 1 | 27 | 01 | 1 | 1 | 6 | 3 | 1 | 8 | 7 | 2 | 0 |
| | 1730 | 2343 | 3131.4 | 769.1 | +0.7 | 15.3 | 14.2 | 13.5 | 15.5 | 89 | + 2 | 2.6 | -4.5 | 6.7 | 0 | 0 | 24 | 01 | 0 | 1 | 3 | 0 | 2 | 10 | 7 | 6 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1442.3 | 861.8 | -0.8 | 23.7 | 19.4 | 16.9 | 19.4 | 67 | - 9 | 4.2 | -1.2 | 0.3 | 0 | 0 | 3 | 01 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 1130 | 1324 | 1436.0 | 861.0 | .. | 27.6 | 20.6 | 16.7 | 19.3 | 54 | .. | 4.9 | .. | 1.6 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 1 | 0 | 5 | 7 | 17 | 0 |
| | 1730 | 1324 | 1414.0 | 858.9 | -1.0 | 26.2 | 20.9 | 18.0 | 20.8 | 63 | - 7 | 5.4 | -0.1 | 3.4 | 0 | 0 | 18 | 02 | 0 | 0 | 2 | 4 | 0 | 5 | 5 | 12 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 14.0 | 11.5 | 9.6 | 11.9 | 75 | -12 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 31.2 | 24.4 | 20.7 | 24.4 | 59 | .. | 4.5 | .. | 11.6 | 0 | 2 | 27 | 01 | 2 | 6 | 1 | 1 | 2 | 15 | 1 | 1 | 0 |
| | 1730 | | .. | .. | .. | 33.5 | 24.3 | 19.0 | 22.0 | 49 | .. | 5.3 | .. | 11.3 | 0 | 1 | 26 | 04 | 2 | 7 | 1 | 0 | 0 | 8 | 5 | 3 | 0 |
| Hazaribagh | 0830 | 615 | 999.1 | 932.9 | .. | 29.3 | 26.7 | 25.7 | 33.0 | 83 | .. | 4.1 | .. | 7.4 | 0 | 4 | 23 | 01 | 0 | 1 | 0 | 0 | 8 | 8 | 9 | 3 | 0 |
| | 1730 | 615 | 995.9 | 930.3 | .. | 30.8 | 26.7 | 25.2 | 32.1 | 75 | .. | 5.1 | .. | 5.1 | 0 | 0 | 29 | 01 | 3 | 7 | 1 | 0 | 6 | 5 | 6 | 1 | 0 |
| Konar | 0830 | | .. | .. | .. | 33.4 | 24.5 | 19.7 | 22.9 | 46 | .. | 3.2 | .. | 3.8 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 0 | 0 | 19 | 10 | 0 | 0 |
| | 1730 | | .. | .. | .. | 34.4 | 25.4 | 21.1 | 25.0 | 47 | .. | 2.1 | .. | 3.7 | 0 | 0 | 30 | 00 | 0 | 1 | 0 | 0 | 0 | 13 | 16 | 0 | 0 |
| Bokaro | 0830 | 242 | 999.1 | 972.6 | .. | 30.9 | 25.7 | 23.2 | 28.4 | 67 | .. | 3.5 | .. | 4.7 | 0 | 0 | 26 | 02 | 3 | 4 | 3 | 1 | 3 | 5 | 5 | 4 | 0 |
| | 1730 | 242 | 995.9 | 969.6 | .. | 32.5 | 25.8 | 22.4 | 27.1 | 62 | .. | 4.5 | .. | 5.7 | 0 | 0 | 28 | 02 | 2 | 4 | 3 | 1 | 2 | 7 | 7 | 2 | 0 |
| Maithon | 0830 | | .. | .. | .. | 31.9 | 25.8 | 22.9 | 27.6 | 63 | .. | 5.2 | .. | .. | 0 | 0 | 30 | 01 | 6 | 1 | 7 | 1 | 11 | 1 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 34.5 | 26.5 | 22.8 | 27.7 | 56 | .. | 4.6 | .. | .. | 0 | 0 | 30 | 01 | 7 | 1 | 8 | 1 | 9 | 2 | 1 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 31.1 | 25.3 | 22.5 | 27.3 | 64 | .. | 4.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 32.0 | 25.2 | 21.7 | 25.9 | 61 | .. | 5.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 31.6 | 25.9 | 23.2 | 28.3 | 63 | .. | 4.7 | .. | 11.2 | 0 | 6 | 17 | 00 | 9 | 0 | 2 | 0 | 10 | 0 | 2 | 7 | 0 |
| | 1730 | | .. | .. | .. | 33.4 | 26.1 | 22.6 | 27.4 | 55 | .. | 4.9 | .. | 8.8 | 0 | 2 | 20 | 00 | 7 | 6 | 0 | 0 | 5 | 0 | 4 | 8 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 31.3 | 25.8 | 23.3 | 28.6 | 66 | .. | 5.9 | .. | 7.7 | 0 | 0 | 28 | 04 | 5 | 5 | 3 | 6 | 2 | 1 | 2 | 2 | 0 |
| | 1730 | | .. | .. | .. | 33.1 | 25.9 | 21.9 | 26.3 | 58 | .. | 6.4 | .. | 12.7 | 0 | 5 | 25 | 00 | 6 | 3 | 2 | 8 | 2 | 2 | 7 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 28.1 | 23.7 | 21.7 | 26.1 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1001.7 | 984.1 | .. | 29.8 | 25.5 | 23.7 | 29.3 | 72 | .. | 4.8 | .. | 6.6 | 0 | 0 | 25 | 00 | 0 | 1 | 2 | 0 | 11 | 11 | 0 | 5 | 0 |
| | 1130 | 159 | 1000.9 | 983.3 | .. | 32.7 | 26.2 | 23.3 | 28.6 | 61 | .. | 4.6 | .. | 5.0 | 0 | 0 | 26 | 01 | 0 | 1 | 1 | 1 | 12 | 7 | 3 | 4 | 0 |
| | 1730 | 159 | 997.9 | 980.4 | .. | 32.4 | 25.6 | 22.5 | 27.3 | 61 | .. | 5.7 | .. | 7.0 | 0 | 2 | 21 | 01 | 0 | 0 | 1 | 2 | 8 | 5 | 6 | 7 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 29.3 | 25.3 | 23.5 | 28.9 | 72 | .. | 5.8 | .. | 0.9 | 0 | 0 | 11 | 01 | 0 | 0 | 2 | 0 | 2 | 0 | 6 | 18 | 0 |
| | 1730 | | .. | .. | .. | 30.2 | 25.2 | 22.9 | 27.9 | 69 | .. | 6.0 | .. | 1.1 | 0 | 0 | 14 | 00 | 1 | 1 | 3 | 0 | 7 | 0 | 2 | 16 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 30.5 | 26.1 | 24.2 | 30.2 | 71 | .. | . | .. | 11.3 | 0 | 6 | 21 | 00 | 0 | 5 | 0 | 2 | 1 | 19 | 0 | 3 | 0 |
| Khijrawan | 0830c | | .. | .. | .. | 28.7 | 23.8 | 21.3 | 25.3 | 67 | .. | . | .. | 12.0 | 0 | 6 | 22 | 01 | 1 | 2 | 5 | 4 | 11 | 1 | 3 | 0 | 0 |
| | 1730 | | .. | .. | .. | 31.8 | 24.1 | 19.7 | 23.7 | 55 | .. | . | .. | 11.6 | 0 | 6 | 20 | 01 | 3 | 0 | 1 | 6 | 9 | 2 | 4 | 2 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 30.7 | 23.6 | 19.6 | 23.2 | 55 | .. | 4.6 | .. | 22.6 | 0 | 22 | 8 | 02 | 1 | 0 | 0 | 1 | 18 | 5 | 3 | 0 | 0 |
| | 1730 | | .. | .. | .. | 36.3 | 24.0 | 16.2 | 19.7 | 37 | .. | 5.3 | .. | 21.0 | 0 | 16 | 14 | 06 | 2 | 1 | 0 | 0 | 9 | 8 | 4 | 0 | 0 |
| Punasa | 0830 | | .. | .. | .. | 31.3 | .. | .. | .. | .. | .. | 1.0 | .. | 19.6 | 0 | 16 | 14 | 00 | 1 | 0 | 0 | 0 | 19 | 9 | 1 | 0 | 0 |
| | 1730 | | .. | .. | .. | 35.9 | .. | .. | .. | .. | .. | 0.9 | .. | 18.0 | 0 | 11 | 19 | 00 | 1 | 0 | 0 | 0 | 15 | 14 | 0 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 31.2 | 25.0 | 22.1 | 26.6 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 28.6 | 24.5 | 22.5 | 27.3 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 33.2 | 25.1 | 21.2 | 25.3 | 51 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 20.1 | 15.4 | 12.6 | 14.8 | 69 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.9 | 15.2 | 13.2 | 15.3 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 25.0 | 21.4 | 19.5 | 22.8 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 26.3 | 22.4 | 20.5 | 24.1 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | | .. | .. | .. | 23.0 | 17.6 | 14.4 | 16.6 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.3 | 18.3 | 15.6 | 17.9 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **GANDAK CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pokhara | 0830 | | .. | .. | .. | 25.0 | 21.9 | 20.5 | 24.1 | 77 | .. | 4.0 | .. | 0.4 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 26 | 0 |
| | 1130 | | .. | .. | .. | 27.5 | 22.9 | 20.7 | 24.5 | 68 | .. | 4.0 | .. | 2.9 | 0 | 0 | 23 | 00 | 0 | 0 | 15 | 8 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | | .. | .. | .. | 26.9 | 23.0 | 21.3 | 25.4 | 73 | .. | 5.6 | .. | 1.5 | 0 | 0 | 13 | 00 | 0 | 1 | 8 | 2 | 1 | 0 | 1 | 17 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 23.5 | 21.2 | 20.1 | 23.5 | 82 | .. | 4.0 | .. | .. | . | .. | .. | 02 | 6 | 0 | 3 | 1 | 7 | 7 | 1 | 3 | 0 |
| | 1130 | | .. | .. | .. | 26.6 | 22.3 | 20.2 | 23.8 | 70 | .. | 3.8 | .. | .. | . | .. | .. | 01 | 1 | 0 | 0 | 3 | 19 | 5 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 26.4 | 22.0 | 19.8 | 23.2 | 69 | .. | 4.7 | .. | .. | . | .. | .. | 00 | 1 | 0 | 1 | 2 | 16 | 2 | 7 | 1 | 0 |
| Nuwakot | 0830 | | .. | .. | .. | 25.1 | 21.9 | 20.3 | 23.9 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 27.7 | 22.0 | 19.1 | 22.3 | 63 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | 1304 | .. | .. | .. | 24.4 | 19.4 | 16.3 | 19.0 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1304 | .. | .. | .. | 27.4 | 20.9 | 16.7 | 20.0 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Temporarily closed from 28.5.1966 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | | .. | .. | .. | 24.4 | 19.9 | 17.3 | 20.0 | 69 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.3 | 19.9 | 16.5 | 19.3 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 30.3 | 24.7 | 22.0 | 26.7 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 34.4 | 25.8 | 21.5 | 26.3 | 52 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | See under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | .. | .. | .. | 20.7 | 19.6 | 19.0 | 22.1 | 90 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.3 | 20.4 | 19.5 | 22.7 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830 | | .. | .. | .. | 12.8 | 11.1 | 9.9 | 12.2 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.7 | 11.8 | 11.2 | 13.3 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 22.7 | 20.5 | 19.3 | 22.4 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.2 | 20.3 | 19.2 | 22.3 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 21.3 | 19.7 | 19.0 | 21.9 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 20.7 | 19.2 | 18.5 | 21.3 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 20.2 | 18.9 | 18.2 | 21.0 | 88 | .. | 6.9 | .. | .. | . | .. | .. | 01 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 26 | 0 |
| | 1130 | | .. | .. | .. | 23.0 | 20.2 | 18.9 | 21.9 | 78 | .. | 6.3 | .. | .. | . | .. | .. | 03 | 0 | 1 | 0 | 3 | 4 | 10 | 4 | 5 | 0 |
| | 1730 | | .. | .. | .. | 21.2 | 18.9 | 17.9 | 20.5 | 81 | .. | 6.8 | .. | .. | . | .. | .. | 00 | 1 | 0 | 3 | 10 | 0 | 2 | 0 | 14 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 20.5 | 18.7 | 17.7 | 20.4 | 85 | .. | 4.7 | .. | 1.0 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 1 | 1 | 4 | 2 | 21 | 0 |
| | 1130 | | .. | .. | .. | 22.8 | 19.7 | 18.2 | 20.9 | 76 | .. | 4.5 | .. | 1.9 | 0 | 0 | 16 | 00 | 0 | 0 | 2 | 2 | 4 | 7 | 1 | 14 | 0 |
| | 1730 | | .. | .. | .. | 20.5 | 18.6 | 17.7 | 20.2 | 84 | .. | 5.3 | .. | 5.1 | 0 | 1 | 18 | 00 | 0 | 0 | 0 | 0 | 2 | 16 | 1 | 11 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 23.5 | 21.1 | 19.9 | 23.3 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.0 | 21.2 | 19.8 | 23.1 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | | .. | .. | .. | 24.4 | 22.3 | 21.3 | 25.3 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.5 | 21.5 | 19.9 | 23.4 | 76 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1001.0 | 984.8 | .. | 28.7 | 25.4 | 23.9 | 29.8 | 76 | .. | 5.1 | .. | 1.7 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 1 | 11 | 6 | 3 | 8 | 0 |
| | 1130 | 146 | 1000.0 | 984.0 | .. | 31.2 | 26.4 | 24.3 | 30.4 | 67 | .. | 5.4 | .. | 2.9 | 0 | 0 | 28 | 01 | 0 | 2 | 0 | 0 | 22 | 2 | 1 | 2 | 0 |
| | 1730 | 146 | 997.3 | 981.3 | .. | 31.0 | 26.2 | 24.1 | 30.1 | 67 | .. | 4.8 | .. | 1.5 | 0 | 0 | 18 | 02 | 0 | 0 | 0 | 0 | 13 | 3 | 0 | 12 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1442.6 | 814.6 | .. | 18.7 | 17.9 | 17.5 | 20.0 | 93 | .. | 7.4 | .. | 0.3 | 0 | 0 | 3 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1130 | 1812 | 1436.6 | 814.3 | .. | 21.0 | 19.3 | 18.5 | 21.3 | 87 | .. | 6.9 | .. | 1.3 | 0 | 0 | 9 | 01 | 0 | 0 | 1 | 3 | 3 | 1 | 0 | 21 | 0 |
| | 1730 | 1812 | 1418.5 | 812.5 | .. | 19.7 | 18.5 | 18.0 | 20.6 | 90 | .. | 7.7 | .. | 1.8 | 0 | 0 | 9 | 00 | 1 | 0 | 2 | 5 | 1 | 0 | 0 | 21 | 0 |
| Gezing | 0830 | | .. | .. | .. | 20.6 | 19.9 | 19.5 | 22.6 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.5 | 20.1 | 19.3 | 22.5 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

# MONTHLY MEANS OF UPPER WINDS.

During the month, observations of velocity and direction of upper winds were made at 55 stations ı India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at ı stations some observations were made by means of pilot balloons while the other observations by the adiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by eans of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times f the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All adiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled imes of regular observations have been used for averaging.

Data upto 9.0 km. a.m.s.l. are given under Table IV and data above 9.0 km. a.m.s.l. under Table V.

In Tables IV and V :-

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 4.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. a.m.s.l. Of these the levels 1.5, 3.0, .4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. a.m.s.l. are considered as the best pproximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20, nd 10 mb. respectively.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | ASANSOL | | | | | | | | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.5 | 00.2 | 147 | 30 | 02.2 | 00.9 | 178 | 30 | 03.5 | 03.2 | 267 | 30 | 05.7 | 04.5 | 283 | 30 | 05.3 | 04.4 | 274 | 30 | 02.3 | 00.8 | 115 |
| .15 A.G.L. | 30 | 06.7 | 00.9 | 150 | 27 | 06.6 | 01.9 | 177 | 30 | 07.6 | 06.8 | 265 | 30 | 07.3 | 06.8 | 277 | 29 | 08.7 | 08.0 | 274 | 24 | 07.7 | 03.6 | 109 |
| .3A.M.S.L. | 30 | 06.9 | 01.0 | 139 | 27 | 06.7 | 01.9 | 175 | | | | | | | | | | | | | 24 | 07.9 | 03.7 | 110 |
| .6 ,, | 30 | 07.1 | 00.9 | 166 | 26 | 07.7 | 01.8 | 196 | | | | | | | | | | | | | 23 | 08.2 | 01.6 | 133 |
| .9 ,, | 30 | 06.7 | 00.8 | 191 | 25 | 07.9 | 01.7 | 227 | 30 | 09.1 | 07.9 | 272 | 30 | 07.2 | 06.9 | 282 | 29 | 10.2 | 09.2 | 276 | 22 | 05.7 | 00.9 | 117 |
| 1.5 ,, | 28 | 05.8 | 01.6 | 299 | 23 | 06.8 | 02.2 | 307 | 30 | 10.0 | 07.4 | 283 | 30 | 08.0 | 06.5 | 274 | 29 | 09.4 | 07.7 | 279 | 17 | 06.2 | 01.7 | 305 |
| 2.1 ,, | 23 | 06.4 | 02.9 | 314 | 18 | 06.3 | 02.3 | 343 | 28 | 08.0 | 04.2 | 292 | 28 | 06.8 | 05.1 | 264 | 28 | 07.0 | 04.0 | 275 | 13 | 06.5 | 04.2 | 305 |
| 3.0 ,, | 21 | 07.7 | 04.9 | 316 | 12 | 05.7 | 03.3 | 020 | 23 | 05.3 | 01.4 | 309 | 15 | 05.5 | 02.4 | 284 | 25 | 05.6 | 01.2 | 305 | 08 | 09.1 | 07.6 | 309 |
| 3.6 ,, | 14 | 07.4 | 05.1 | 327 | 06 | 04.8 | 03.8 | 045 | 13 | 04.4 | 02.5 | 278 | 11 | 06.0 | 01.7 | 290 | 21 | 05.2 | 01.5 | 300 | 06 | 08.7 | 06.7 | 294 |
| 4.5 ,, | 10 | 06.8 | 01.9 | 332 | 04 | 06.3 | 04.9 | 084 | 04 | 05.7 | 02.1 | 037 | 07 | 07.1 | 02.0 | 026 | 11 | 03.0 | 02.4 | 293 | 03 | 09.3 | 09.0 | 277 |
| 5.4 ,, | 05 | 06.2 | 01.8 | 346 | 02 | 07.0 | 01.1 | 030 | | | | | 03 | 05.3 | 02.7 | 296 | 02 | 03.0 | 02.2 | 251 | 01 | 01.0 | 01.0 | 295 |
| 6.0 ,, | 04 | 05.5 | 01.5 | 308 | 01 | 07.0 | 07.0 | 014 | | | | | 02 | 04.5 | 04.5 | 283 | | | | | 01 | 08.0 | 08.0 | 295 |
| 7.2 ,, | 03 | 06.7 | 00.7 | 059 | | | | | | | | | 02 | 03.0 | 01.7 | 155 | | | | | | | | |
| 9.0 ,, | 02 | 07.0 | 04.0 | 265 | | | | | | | | | | | | | | | | | | | | |

| STATION | BAHRAICH | | | | | | | | BANGALORE | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 0530 @ | | | | 1130 | | | | 1730 @ | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 00.4 | 110 | 30 | 02.4 | 01.3 | 278 | 30 | 04.6 | 04.3 | 256 | 30 | 04.6 | 04.2 | 260 | 30 | 04.6 | 04.0 | 268 | 30 | 04.8 | 04.2 | 247 |
| .15 A.G.L. | 28 | 05.6 | 01.3 | 136 | 26 | 05.0 | 02.0 | 276 | 23 | 08.3 | 08.1 | 255 | 30 | 06.6 | 06.3 | 260 | 30 | 06.8 | 05.9 | 261 | 29 | 09.5 | 09.3 | 252 |
| .3A.M.S.L. | 28 | 05.8 | 01.0 | 142 | 26 | 05.1 | 01.9 | 272 | | | | | | | | | | | | | | | | |
| .6 ,, | 26 | 06.5 | 02.2 | 149 | 26 | 05.7 | 01.8 | 278 | | | | | | | | | | | | | | | | |
| .9 ,, | 22 | 06.0 | 03.2 | 123 | 24 | 05.6 | 01.5 | 267 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 17 | 05.8 | 00.9 | 193 | 19 | 04.6 | 01.1 | 260 | 21 | 11.3 | 10.9 | 268 | 30 | 08.2 | 07.6 | 268 | 30 | 07.4 | 06.7 | 262 | 28 | 12.6 | 12.3 | 261 |
| 2.1 ,, | 13 | 07.8 | 02.9 | 288 | 11 | 05.2 | 02.3 | 270 | 21 | 09.1 | 08.5 | 271 | 20 | 08.4 | 07.1 | 266 | 29 | 07.5 | 06.7 | 266 | 27 | 09.4 | 08.2 | 266 |
| 3.0 ,, | 02 | 05.0 | 05.0 | 302 | 09 | 04.0 | 02.9 | 282 | 19 | 06.8 | 03.8 | 268 | 10 | 05.5 | 01.3 | 307 | 23 | 07.0 | 05.9 | 276 | 25 | 06.9 | 04.5 | 282 |
| 3.6 ,, | 02 | 07.0 | 06.4 | 284 | 08 | 03.2 | 02.2 | 317 | 19 | 07.1 | 03.1 | 255 | 09 | 07.3 | 01.7 | 002 | 22 | 06.5 | 04.0 | 286 | 19 | 06.6 | 04.8 | 281 |
| 4.5 ,, | | | | | 06 | 04.7 | 03.5 | 308 | 16 | 06.7 | 03.9 | 230 | 07 | 06.6 | 00.3 | 177 | 16 | 06.6 | 02.4 | 285 | 14 | 06.3 | 03.3 | 260 |
| 5.4 ,, | | | | | 04 | 05.3 | 05.0 | 268 | 14 | 05.6 | 02.4 | 233 | 04 | 03.7 | 01.5 | 273 | 12 | 05.0 | 02.5 | 284 | 08 | 04.7 | 02.9 | 269 |
| 6.0 ,, | | | | | 02 | 06.5 | 06.1 | 305 | 13 | 04.2 | 01.5 | 167 | 04 | 02.7 | 02.3 | 285 | 12 | 03.9 | 01.9 | 285 | 04 | 02.7 | 00.8 | 357 |
| 7.2 ,, | | | | | 02 | 11.0 | 09.6 | 274 | 13 | 05.2 | 01.4 | 082 | 04 | 03.0 | 02.1 | 029 | 10 | 03.6 | 01.4 | 127 | 02 | 03.0 | 02.9 | 094 |
| 9.0 ,, | | | | | | | | | 10 | 08.1 | 07.2 | 086 | 04 | 05.3 | 05.0 | 091 | 08 | 06.1 | 04.5 | 078 | | | | |

| STATION | BAREILLY | | | | | | | | BEGAMPET | | | | | | | | | | | | BHAGALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.4 | 00.2 | 017 | 30 | 02.7 | 01.3 | 283 | 30 | 04.6 | 04.3 | 269 | 30 | 05.2 | 03.3 | 265 | 30 | 04.8 | 03.8 | 246 | 30 | 03.2 | 02.5 | 088 |
| .15 A.G.L. | 28 | 07.0 | 01.3 | 068 | 30 | 05.8 | 02.5 | 292 | 30 | 08.4 | 07.9 | 266 | 30 | 07.9 | 05.7 | 258 | 30 | 09.0 | 07.5 | 250 | 28 | 06.3 | 04.5 | 093 |
| .3A.M.S.L. | 28 | 06.4 | 01.4 | 062 | 30 | 05.6 | 02.2 | 291 | | | | | | | | | | | | | 28 | 06.9 | 05.0 | 103 |
| .6 ,, | 26 | 09.7 | 01.9 | 294 | 30 | 07.2 | 03.5 | 280 | 30 | 07.0 | 06.5 | 267 | 30 | 07.4 | 05.3 | 260 | 30 | 07.5 | 06.1 | 249 | 28 | 07.9 | 02.2 | 126 |
| .9 ,, | 24 | 08.9 | 03.2 | 291 | 29 | 07.0 | 03.6 | 287 | 30 | 10.9 | 10.3 | 277 | 30 | 07.7 | 05.7 | 260 | 30 | 10.7 | 09.2 | 258 | 28 | 09.3 | 00.6 | 078 |
| 1.5 ,, | 23 | 08.0 | 04.6 | 306 | 25 | 07.1 | 03.5 | 293 | 30 | 12.4 | 11.6 | 281 | 30 | 07.7 | 06.0 | 265 | 30 | 11.4 | 09.2 | 261 | 27 | 09.3 | 01.4 | 003 |
| 2.1 ,, | 21 | 07.9 | 03.9 | 307 | 23 | 06.5 | 03.0 | 304 | 30 | 08.8 | 06.3 | 278 | 30 | 08.0 | 06.0 | 275 | 27 | 09.4 | 05.3 | 284 | 20 | 08.3 | 03.0 | 019 |
| 3.0 ,, | 18 | 07.5 | 02.6 | 300 | 18 | 07.2 | 06.0 | 317 | 27 | 07.3 | 02.8 | 271 | 24 | 09.4 | 06.5 | 280 | 17 | 06.7 | 03.0 | 354 | 15 | 08.5 | 04.1 | 338 |
| 3.6 ,, | 13 | 08.3 | 03.0 | 302 | 16 | 06.9 | 05.5 | 324 | 23 | 08.0 | 01.6 | 320 | 21 | 08.6 | 04.6 | 293 | 30 | 07.7 | 06.1 | 029 | 13 | 08.8 | 04.3 | 312 |
| 4.5 ,, | 11 | 08.8 | 06.8 | 301 | 13 | 07.3 | 05.7 | 338 | 18 | 08.0 | 01.3 | 356 | 12 | 07.7 | 02.7 | 029 | | | | | 04 | 05.3 | 05.2 | 051 |
| 5.4 ,, | 08 | 10.0 | 09.1 | 291 | 13 | 08.6 | 05.1 | 333 | 10 | 07.1 | 01.6 | 001 | 07 | 05.5 | 01.2 | 034 | | | | | 01 | 03.0 | 03.0 | 146 |
| 6.0 ,, | 06 | 10.8 | 10.4 | 285 | 10 | 07.6 | 04.8 | 320 | 06 | 04.3 | 02.9 | 204 | 04 | 04.7 | 00.9 | 174 | | | | | | | | |
| 7.2 ,, | 05 | 13.4 | 12.4 | 288 | 07 | 08.7 | 06.2 | 270 | 04 | 04.5 | 02.5 | 131 | 01 | 08.0 | 08.0 | 197 | | | | | | | | |
| 9.0 ,, | 03 | 14.3 | 13.9 | 257 | 07 | 14.0 | 07.8 | 270 | 02 | 10.0 | 08.5 | 134 | | | | | | | | | | | | |

| STATION | BHAGALPUR | | | | BHOPAL/BAIRAGARH | | | | | | | | | | | | BHUBANESWAR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.7 | 03.8 | 088 | 30 | 04.1 | 03.5 | 260 | 30 | 04.5 | 02.7 | 268 | 30 | 04.2 | 02.6 | 261 | 30 | 04.3 | 03.4 | 233 | 15 | 06.2 | 04.3 | 216 |
| .15 A.G.L. | 30 | 07.0 | 05.3 | 089 | 30 | 08.3 | 06.7 | 263 | 30 | 06.8 | 04.6 | 269 | 28 | 08.4 | 05.1 | 266 | 27 | 08.0 | 06.1 | 223 | 14 | 08.3 | 05.8 | 203 |
| .3A.M.S.L. | 30 | 07.6 | 05.9 | 087 | | | | | | | | | | | | | 27 | 08.5 | 07.3 | 234 | 14 | 07.7 | 05.9 | 206 |
| .6 ,, | 30 | 07.6 | 05.6 | 091 | 30 | 07.4 | 06.0 | 262 | 30 | 06.3 | 04.2 | 269 | 28 | 07.5 | 04.5 | 255 | 26 | 10.4 | 07.9 | 247 | 14 | 07.5 | 04.6 | 218 |
| .9 ,, | 29 | 07.0 | 04.1 | 089 | 30 | 10.7 | 08.3 | 276 | 30 | 06.6 | 04.8 | 275 | 28 | 09.9 | 06.5 | 276 | 26 | 11.4 | 07.9 | 260 | 14 | 09.1 | 04.5 | 248 |
| 1.5 ,, | 28 | 07.7 | 01.4 | 087 | 28 | 10.0 | 07.2 | 288 | 30 | 07.5 | 05.9 | 280 | 28 | 10.1 | 07.6 | 275 | 23 | 10.5 | 06.7 | 288 | 12 | 10.0 | 05.2 | 307 |
| 2.1 ,, | 25 | 08.6 | 02.4 | 098 | 24 | 07.5 | 04.4 | 282 | 28 | 07.7 | 06.2 | 277 | 26 | 08.5 | 06.1 | 277 | 18 | 10.0 | 07.3 | 294 | 10 | 08.8 | 04.4 | 315 |
| 3.0 ,, | 21 | 09.2 | 04.4 | 268 | 21 | 06.0 | 03.8 | 284 | 22 | 07.3 | 05.6 | 285 | 20 | 06.5 | 03.8 | 288 | 13 | 10.0 | 05.5 | 305 | 04 | 08.7 | 06.7 | 301 |
| 3.6 ,, | 11 | 07.8 | 01.5 | 302 | 19 | 06.4 | 04.3 | 294 | 18 | 06.7 | 05.2 | 304 | 08 | 05.2 | 03.3 | 343 | 07 | 07.7 | 03.2 | 295 | | | | |
| 4.5 ,, | 07 | 06.9 | 03.0 | 299 | 18 | 06.9 | 04.9 | 298 | 16 | 05.9 | 04.7 | 321 | | | | | 03 | 05.0 | 01.9 | 148 | | | | |
| 5.4 ,, | 06 | 09.5 | 03.3 | 299 | 16 | 06.2 | 04.4 | 301 | 11 | 04.2 | 02.7 | 306 | | | | | 02 | 02.5 | 01.5 | 297 | | | | |
| 6.0 ,, | 04 | 11.5 | 06.3 | 265 | 13 | 06.3 | 05.2 | 278 | 10 | 04.9 | 02.6 | 266 | | | | | 02 | 02.0 | 00.1 | 155 | | | | |
| 7.2 ,, | 02 | 12.0 | 12.0 | 263 | 11 | 06.5 | 05.4 | 265 | 08 | 05.7 | 04.2 | 275 | | | | | 02 | 03.0 | 00.7 | 148 | | | | |
| 9.0 ,, | | | | | 08 | 07.0 | 06.5 | 238 | 07 | 09.9 | 05.3 | 247 | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | BHUBANESWAR | | | | | | | | BHUJ/RUDRAMATA | | | | | | | | | | | | BIKANER | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 05.6 | 04.6 | 221 | 30 | 04.8 | 04.0 | 228 | 30 | 03.8 | 03.4 | 235 | 30 | 06.2 | 05.8 | 237 | 30 | 05.5 | 05.2 | 234 | 30 | 02.2 | 02.1 | 241 |
| .15 A.G.L. | 29 | 08.2 | 06.1 | 215 | 24 | 08.2 | 06.4 | 220 | 30 | 07.7 | 07.2 | 240 | 29 | 09.4 | 09.0 | 238 | 28 | 09.0 | 08.5 | 232 | 30 | 09.1 | 07.9 | 241 |
| .3A.M.S.L. | 29 | 08.8 | 06.5 | 220 | 24 | 08.7 | 06.7 | 230 | 30 | 08.8 | 08.2 | 243 | 29 | 09.4 | 09.0 | 238 | 28 | 09.2 | 08.7 | 234 | 30 | 07.3 | 06.2 | 229 |
| .6 ,, | 29 | 09.3 | 06.5 | 231 | 24 | 09.1 | 07.5 | 234 | 30 | 10.4 | 09.5 | 252 | 29 | 08.3 | 07.9 | 237 | 28 | 09.7 | 08.8 | 238 | 30 | 10.2 | 08.9 | 237 |
| .9 ,, | 28 | 09.1 | 06.1 | 257 | 23 | 10.1 | 07.2 | 252 | 30 | 10.6 | 09.7 | 249 | 29 | 07.9 | 07.2 | 239 | 27 | 09.3 | 08.3 | 236 | 29 | 09.8 | 08.9 | 238 |
| 1.5 ,, | 24 | 08.6 | 06.3 | 290 | 20 | 09.4 | 06.5 | 272 | 29 | 08.2 | 07.4 | 248 | 26 | 06.8 | 06.0 | 241 | 19 | 06.8 | 05.2 | 237 | 29 | 06.4 | 05.1 | 249 |
| 2.1 ,, | 19 | 08.0 | 06.8 | 295 | 13 | 07.8 | 03.6 | 297 | 22 | 06.2 | 04.7 | 246 | 19 | 05.8 | 04.2 | 258 | 14 | 03.9 | 02.5 | 261 | 29 | 05.1 | 02.8 | 264 |
| 3.0 ,, | 14 | 07.6 | 05.8 | 299 | 04 | 08.0 | 06.1 | 285 | 16 | 05.5 | 00.4 | 190 | 14 | 04.7 | 01.1 | 270 | 13 | 04.8 | 01.5 | 251 | 24 | 05.1 | 02.5 | 328 |
| 3.6 ,, | 10 | 06.3 | 04.3 | 300 | | | | | 15 | 06.3 | 00.5 | 053 | 13 | 05.1 | 01.2 | 218 | 02 | 05.0 | 04.9 | 017 | 21 | 05.5 | 02.6 | 336 |
| 4.5 ,, | 01 | 06.0 | 06.0 | 290 | | | | | 13 | 05.6 | 00.8 | 012 | 11 | 05.5 | 02.5 | 217 | | | | | 17 | 06.0 | 04.2 | 349 |
| 5.4 ,, | 01 | 07.0 | 07.0 | 290 | | | | | 13 | 05.5 | 01.3 | 353 | 11 | 05.9 | 02.7 | 264 | | | | | 13 | 07.9 | 04.9 | 009 |
| 6.0 ,, | | | | | | | | | 12 | 06.2 | 02.9 | 012 | 11 | 06.2 | 03.0 | 270 | | | | | 09 | 07.3 | 02.1 | 299 |
| 7.2 ,, | | | | | | | | | 03 | 08.0 | 03.2 | 320 | 07 | 08.7 | 07.6 | 248 | | | | | 05 | 06.2 | 00.9 | 295 |
| 9.0 ,, | | | | | | | | | 02 | 08.5 | 06.6 | 308 | 01 | 10.0 | 10.0 | 335 | | | | | 01 | 06.0 | 06.0 | 010 |

| STATION | BIKANER | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.4 | 02.8 | 217 | 30 | 02.7 | 02.5 | 218 | 30 | 03.9 | 03.1 | 229 | 30 | 05.2 | 04.5 | 230 | 30 | 05.6 | 05.1 | 256 | 30 | 04.4 | 03.6 | 223 |
| .15 A.G.L. | 29 | 06.8 | 04.5 | 217 | 30 | 09.9 | 08.4 | 217 | 30 | 07.8 | 07.0 | 233 | 29 | 07.7 | 06.8 | 233 | 30 | 09.1 | 07.7 | 244 | 30 | 07.4 | 06.4 | 224 |
| .3A.M.S.L. | 29 | 06.9 | 05.5 | 223 | 30 | 08.5 | 07.0 | 213 | 30 | 08.0 | 07.3 | 234 | 29 | 09.0 | 08.1 | 238 | 30 | 09.1 | 07.9 | 243 | 30 | 07.8 | 07.2 | 230 |
| .6 ,, | 29 | 06.3 | 04.6 | 231 | 30 | 09.8 | 08.2 | 224 | 30 | 09.0 | 08.2 | 234 | 29 | 09.7 | 08.9 | 237 | 30 | 09.4 | 08.2 | 248 | 30 | 08.5 | 08.0 | 235 |
| .9 ,, | 28 | 06.1 | 04.2 | 238 | 29 | 09.3 | 07.6 | 229 | 30 | 09.4 | 08.5 | 240 | 27 | 10.4 | 09.1 | 243 | 30 | 10.1 | 08.4 | 253 | 29 | 08.8 | 07.9 | 244 |
| 1.5 ,, | 27 | 05.3 | 03.9 | 239 | 27 | 06.2 | 04.0 | 259 | 30 | 09.5 | 07.7 | 244 | 15 | 10.5 | 07.7 | 252 | 30 | 09.6 | 07.1 | 252 | 23 | 09.0 | 07.2 | 259 |
| 2.1 ,, | 24 | 04.8 | 02.7 | 258 | 19 | 04.7 | 02.1 | 307 | 30 | 09.5 | 06.2 | 249 | 06 | 09.2 | 02.1 | 246 | 30 | 09.5 | 05.9 | 250 | 09 | 06.8 | 03.5 | 277 |
| 3.0 ,, | 19 | 05.9 | 01.3 | 315 | 13 | 05.5 | 02.7 | 012 | 30 | 08.3 | 05.5 | 267 | 03 | 06.3 | 06.0 | 074 | 30 | 08.0 | 04.3 | 251 | 07 | 06.6 | 01.9 | 015 |
| 3.6 ,, | 16 | 06.3 | 03.7 | 333 | 10 | 05.9 | 03.8 | 024 | 30 | 07.2 | 02.2 | 265 | 03 | 06.3 | 05.8 | 081 | 30 | 08.0 | 03.4 | 265 | 03 | 06.3 | 06.1 | 083 |
| 4.5 ,, | 14 | 06.3 | 04.0 | 335 | 10 | 04.0 | 04.0 | 290 | 30 | 06.3 | 00.8 | 321 | 01 | 05.0 | 05.0 | 100 | 30 | 07.3 | 02.1 | 260 | 02 | 08.0 | 08.0 | 055 |
| 5.4 ,, | 08 | 06.6 | 05.1 | 301 | | | | | 30 | 05.4 | 01.3 | 299 | 01 | 07.0 | 07.0 | 085 | 30 | 06.1 | 01.1 | 237 | 01 | 03.0 | 03.0 | 072 |
| 6.0 ,, | 06 | 08.2 | 06.3 | 302 | | | | | 30 | 04.5 | 01.2 | 307 | 01 | 10.0 | 10.0 | 065 | 29 | 04.9 | 01.5 | 245 | | | | |
| 7.2 ,, | 04 | 08.7 | 05.7 | 305 | | | | | 30 | 04.8 | 00.6 | 013 | | | | | 29 | 04.7 | 00.2 | 180 | | | | |
| 9.0 ,, | 02 | 14.0 | 09.3 | 276 | | | | | 30 | 04.7 | 01.6 | 104 | | | | | 29 | 05.8 | 03.6 | 100 | | | | |

| STATION | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | | COCHIN/WILLINGDON | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.3 | 01.1 | 209 | 30 | 02.9 | 01.7 | 197 | 30 | 03.2 | 02.2 | 183 | 30 | 02.7 | 02.2 | 173 | 30 | 00.8 | 00.5 | 120 | 30 | 02.1 | 01.4 | 273 |
| .15 A.G.L. | 29 | 07.3 | 03.6 | 203 | 27 | 06.3 | 03.7 | 193 | 30 | 07.5 | 05.7 | 192 | 29 | 08.1 | 06.2 | 191 | 17 | 03.1 | 02.2 | 144 | 24 | 04.6 | 03.3 | 265 |
| .3A.M.S.L. | 29 | 07.7 | 04.0 | 206 | 27 | 07.2 | 03.3 | 199 | 30 | 08.2 | 06.1 | 195 | 29 | 10.0 | 07.7 | 203 | 17 | 03.6 | 02.0 | 221 | 24 | 05.0 | 04.2 | 274 |
| .6 ,, | 29 | 08.8 | 04.7 | 234 | 27 | 08.8 | 03.3 | 209 | 30 | 08.4 | 05.2 | 202 | 29 | 11.7 | 08.9 | 216 | 17 | 06.2 | 05.0 | 270 | 24 | 06.8 | 06.2 | 281 |
| .9 ,, | 29 | 09.1 | 04.6 | 250 | 24 | 09.0 | 02.5 | 228 | 30 | 08.0 | 04.2 | 214 | 25 | 11.4 | 08.7 | 223 | 17 | 07.5 | 06.6 | 279 | 24 | 08.0 | 07.4 | 286 |
| 1.5 ,, | 29 | 09.7 | 04.9 | 268 | 14 | 09.1 | 02.9 | 278 | 30 | 07.4 | 03.4 | 237 | 23 | 09.3 | 05.4 | 253 | 17 | 08.9 | 08.2 | 287 | 24 | 08.4 | 07.7 | 291 |
| 2.1 ,, | 29 | 08.2 | 03.9 | 285 | 06 | 08.7 | 04.8 | 311 | 30 | 07.0 | 03.0 | 268 | 12 | 06.9 | 07.6 | 284 | 14 | 09.1 | 08.3 | 284 | 23 | 08.3 | 07.2 | 293 |
| 3.0 ,, | 29 | 07.8 | 03.8 | 304 | 01 | 11.0 | 11.0 | 316 | 29 | 07.9 | 03.3 | 278 | 07 | 06.1 | 01.9 | 286 | 09 | 08.4 | 07.0 | 277 | 21 | 07.8 | 06.1 | 284 |
| 3.6 ,, | 29 | 07.3 | 03.8 | 315 | 01 | 12.0 | 12.0 | 299 | 29 | 07.8 | 03.3 | 292 | 01 | 02.0 | 02.0 | 009 | 05 | 08.0 | 06.7 | 281 | 15 | 06.1 | 04.2 | 277 |
| 4.5 ,, | 29 | 07.3 | 03.3 | 304 | 01 | 12.0 | 12.0 | 289 | 29 | 08.5 | 03.3 | 302 | | | | | 01 | 09.0 | 09.0 | 255 | 10 | 07.5 | 03.0 | 235 |
| 5.4 ,, | 29 | 06.4 | 02.6 | 301 | 01 | 18.0 | 18.0 | 295 | 29 | 07.1 | 02.5 | 319 | | | | | | | | | 07 | 05.7 | 01.5 | 190 |
| 6.0 ,, | 29 | 07.1 | 02.8 | 300 | 01 | 19.0 | 19.0 | 294 | 29 | 06.8 | 02.5 | 303 | | | | | | | | | 03 | 06.3 | 03.2 | 239 |
| 7.2 ,, | 29 | 06.7 | 01.4 | 308 | | | | | 29 | 06.6 | 01.4 | 330 | | | | | | | | | 01 | 11.0 | 11.0 | 275 |
| 9.0 ,, | 29 | 06.5 | 01.1 | 088 | | | | | 29 | 06.8 | 01.4 | 340 | | | | | | | | | | | | |

| STATION | COCHIN/WILLINGDON | | | | DEHRA DUN | | | | | | | | DIBRUGARH/MOHANBARI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.4 | 00.3 | 262 | 30 | 00.3 | 00.1 | 015 | 30 | 01.1 | 00.8 | 238 | 30 | 01.3 | 00.9 | 050 | 30 | 01.9 | 01.1 | 035 | 30 | 01.5 | 01.4 | 043 |
| .15 A.G.L. | 17 | 03.5 | 01.5 | 223 | 23 | 02.2 | 00.7 | 065 | 29 | 03.6 | 02.8 | 262 | 16 | 05.2 | 02.3 | 072 | 22 | 03.7 | 01.8 | 066 | 26 | 04.3 | 03.4 | 055 |
| .3A.M.S.L. | 17 | 04.1 | 02.3 | 246 | | | | | | | | | 16 | 05.6 | 02.4 | 086 | 22 | 04.0 | 01.8 | 073 | 26 | 04.6 | 03.6 | 057 |
| .6 ,, | 17 | 05.3 | 04.5 | 275 | | | | | | | | | 16 | 07.4 | 02.5 | 111 | 21 | 04.2 | 01.6 | 109 | 25 | 05.6 | 02.7 | 085 |
| .9 ,, | 17 | 06.1 | 05.5 | 284 | 23 | 02.1 | 00.5 | 097 | 29 | 04.0 | 03.2 | 256 | 13 | 07.3 | 02.2 | 119 | 20 | 04.5 | 01.5 | 122 | 24 | 04.9 | 01.6 | 178 |
| 1.5 ,, | 16 | 06.6 | 06.1 | 284 | 23 | 03.3 | 00.4 | 247 | 29 | 04.3 | 03.5 | 270 | 11 | 08.5 | 03.3 | 129 | 15 | 05.3 | 01.7 | 169 | 22 | 05.2 | 03.4 | 216 |
| 2.1 ,, | 12 | 06.7 | 06.1 | 286 | 23 | 04.7 | 02.2 | 295 | 28 | 04.7 | 03.6 | 281 | 10 | 07.6 | 03.3 | 137 | 12 | 04.7 | 02.5 | 199 | 19 | 05.6 | 04.0 | 215 |
| 3.0 ,, | 09 | 06.4 | 06.0 | 288 | 20 | 05.7 | 04.0 | 302 | 23 | 04.4 | 03.2 | 309 | 06 | 08.0 | 03.7 | 113 | 07 | 02.7 | 02.1 | 155 | 14 | 04.9 | 03.5 | 201 |
| 3.6 ,, | 06 | 06.6 | 06.1 | 289 | 19 | 05.9 | 03.5 | 300 | 21 | 04.4 | 03.2 | 321 | 04 | 06.5 | 03.1 | 086 | 06 | 02.7 | 01.7 | 160 | 11 | 04.8 | 04.2 | 188 |
| 4.5 ,, | 05 | 06.2 | 05.9 | 279 | 16 | 05.9 | 03.4 | 292 | 14 | 05.4 | 04.9 | 332 | 01 | 04.0 | 04.0 | 252 | 04 | 02.7 | 02.1 | 194 | 08 | 04.4 | 03.2 | 221 |
| 5.4 ,, | | | | | 13 | 08.1 | 05.8 | 283 | 12 | 08.0 | 07.5 | 308 | 01 | 05.0 | 05.0 | 294 | 01 | 04.0 | 04.0 | 290 | 06 | 02.7 | 01.6 | 105 |
| 6.0 ,, | | | | | 13 | 09.6 | 06.9 | 281 | 11 | 10.4 | 10.1 | 292 | 01 | 09.0 | 09.0 | 264 | 01 | 05.0 | 05.0 | 275 | 06 | 02.7 | 01.7 | 089 |
| 7.2 ,, | | | | | 12 | 14.4 | 10.8 | 269 | 09 | 13.9 | 13.2 | 290 | | | | | | | | | 02 | 02.0 | 01.1 | 050 |
| 9.0 ,, | | | | | 01 | 14.0 | 14.0 | 246 | 01 | 03.0 | 03.0 | 030 | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | DIBRUGARH/MOHANBARI | | | | GADAG | | | | | | | | | | | | GANGTOK | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.6 | 01.2 | 051 | 30 | 03.6 | 03.4 | 235 | 30 | 06.4 | 05.4 | 255 | 30 | 05.3 | 05.0 | 237 | 30 | 00.4 | 00.3 | 048 | 30 | 00.5 | 00.3 | 129 |
| .15 A.G.L. | 20 | 04.6 | 03.6 | 062 | 30 | 08.9 | 08.6 | 244 | 30 | 10.9 | 10.0 | 256 | 27 | 10.7 | 10.4 | 250 | 11 | 01.6 | 00.8 | 006 | 07 | 03.0 | 02.6 | 166 |
| .3A.M.S.L. | 20 | 04.6 | 03.2 | 075 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 20 | 04.1 | 03.0 | 081 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 20 | 04.4 | 02.3 | 104 | 30 | 10.3 | 09.7 | 259 | 30 | 11.0 | 10.1 | 259 | 27 | 11.9 | 11.6 | 258 | | | | | | | | |
| 1.5 ,, | 20 | 05.0 | 02.0 | 174 | 28 | 11.4 | 10.2 | 270 | 30 | 10.2 | 09.1 | 264 | 25 | 11.0 | 10.4 | 269 | | | | | | | | |
| 2.1 ,, | 14 | 04.7 | 02.6 | 179 | 28 | 09.5 | 07.7 | 274 | 27 | 08.4 | 07.4 | 274 | 24 | 09.2 | 08.0 | 271 | 11 | 01.5 | 00.3 | 157 | 07 | 02.7 | 02.6 | 179 |
| 3.0 ,, | 09 | 04.9 | 02.3 | 212 | 24 | 07.2 | 03.0 | 259 | 18 | 06.4 | 03.0 | 292 | 21 | 07.1 | 02.8 | 290 | 07 | 02.4 | 00.4 | 149 | 05 | 02.6 | 02.2 | 176 |
| 3.6 ,, | 03 | 04.0 | 03.4 | 195 | 20 | 06.7 | 00.2 | 235 | 16 | 06.4 | 02.8 | 284 | 15 | 07.3 | 03.7 | 279 | 05 | 02.4 | 00.6 | 202 | 02 | 03.0 | 03.0 | 145 |
| 4.5 ,, | | | | | 18 | 04.6 | 01.6 | 226 | 08 | 05.4 | 01.2 | 007 | 09 | 04.9 | 00.3 | 265 | 03 | 05.0 | 03.8 | 229 | 01 | 03.0 | 03.0 | 180 |
| 5.4 ,, | | | | | 16 | 04.8 | 01.9 | 240 | 05 | 03.6 | 01.6 | 070 | 06 | 03.5 | 01.3 | 214 | 03 | 07.3 | 04.1 | 271 | 01 | 02.0 | 02.0 | 160 |
| 6.0 ,, | | | | | 11 | 03.9 | 01.0 | 231 | 02 | 03.5 | 01.0 | 173 | 03 | 04.0 | 03.8 | 129 | 03 | 09.0 | 05.9 | 244 | | | | |
| 7.2 ,, | | | | | 07 | 04.4 | 00.5 | 070 | 02 | 03.5 | 02.9 | 144 | 02 | 04.0 | 03.7 | 111 | 01 | 09.0 | 09.0 | 240 | | | | |
| 9.0 ,, | | | | | 03 | 05.7 | 04.6 | 105 | 01 | 06.0 | 06.0 | 116 | | | | | 01 | 08.0 | 08.0 | 235 | | | | |

| STATION | GAUHATI | | | | | | | | | | | | | | | | GAYA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.5 | 00.8 | 074 | 30 | 02.7 | 01.7 | 048 | 30 | 01.7 | 01.4 | 067 | 30 | 02.4 | 01.3 | 073 | 30 | 02.8 | 00.8 | 235 | 15 | 05.3 | 03.8 | 292 |
| .15 A.G.L. | 25 | 04.0 | 01.8 | 109 | 25 | 04.2 | 03.2 | 061 | 30 | 04.4 | 02.2 | 078 | 29 | 04.3 | 02.1 | 068 | 28 | 06.2 | 02.2 | 240 | 15 | 07.8 | 05.2 | 300 |
| .3A.M.S.L. | 25 | 04.1 | 01.9 | 107 | 25 | 04.1 | 03.1 | 070 | 30 | 04.4 | 02.2 | 078 | 29 | 04.5 | 02.4 | 075 | 28 | 06.6 | 02.6 | 245 | 15 | 07.2 | 04.5 | 297 |
| .6 ,, | 25 | 05.8 | 03.7 | 100 | 25 | 05.2 | 03.1 | 086 | 29 | 05.6 | 02.4 | 111 | 29 | 05.4 | 02.5 | 077 | 27 | 06.8 | 03.4 | 267 | 15 | 06.8 | 04,1 | 293 |
| .9 ,, | 23 | 06.3 | 03.1 | 102 | 21 | 06.0 | 03.0 | 104 | 29 | 05.9 | 01.9 | 141 | 27 | 05.3 | 01.9 | 109 | 26 | 06.9 | 03.6 | 284 | 15 | 07.0 | 04.3 | 294 |
| 1.5 ,, | 21 | 06.9 | 03.2 | 107 | 20 | 06.8 | 01.9 | 091 | 29 | 07.9 | 02.9 | 205 | 23 | 07.3 | 02.8 | 169 | 26 | 07.0 | 04.7 | 316 | 14 | 09.4 | 06.3 | 290 |
| 2.1 ,, | 20 | 07.4 | 02.1 | 143 | 19 | 07.6 | 02.6 | 195 | 28 | 08.0 | 03.2 | 215 | 20 | 09.0 | 04.6 | 128 | 25 | 08.4 | 06.0 | 330 | 06 | 04.3 | 01.8 | 265 |
| 3.0 ,, | 18 | 07.0 | 02.8 | 144 | 17 | 08.9 | 03.2 | 219 | 27 | 09.3 | 03.1 | 222 | 13 | 07.4 | 04.5 | 232 | 21 | 08.0 | 05.7 | 332 | 03 | 03.6 | 02.9 | 303 |
| 3.6 ,, | 18 | 07.1 | 02.7 | 140 | 13 | 07.4 | 01.4 | 190 | 26 | 09.6 | 02.0 | 212 | 03 | 07.7 | 05.5 | 147 | 18 | 07.7 | 06.7 | 330 | | | | |
| 4.5 ,, | 18 | 07.4 | 03.6 | 125 | 10 | 07.4 | 02.4 | 200 | 25 | 08.0 | 03.1 | 220 | 01 | 06.0 | 06.0 | 171 | 11 | 08.4 | 07.2 | 311 | | | | |
| 5.4 ,, | 17 | 04.9 | 01.3 | 157 | 03 | 06.7 | 03.1 | 213 | 23 | 06.6 | 01.4 | 245 | 01 | 09.0 | 09.0 | 180 | 06 | 06.8 | 00.8 | 177 | | | | |
| 6.0 ,, | 17 | 06.3 | 01.3 | 236 | 03 | 07.7 | 06.6 | 236 | 23 | 06.9 | 02.1 | 257 | | | | | 06 | 07.3 | 01.9 | 189 | | | | |
| 7.2 ,, | 16 | 05.3 | 00.4 | 156 | 02 | 02.5 | 02.5 | 230 | 23 | 06.7 | 03.4 | 263 | | | | | 02 | 10.0 | 10.0 | 228 | | | | |
| 9.0 ,, | 16 | 05.5 | 02.8 | 196 | 01 | 06.0 | 06.0 | 145 | 22 | 06.7 | 04.0 | 262 | | | | | 01 | 15.0 | 15.0 | 230 | | | | |

| STATION | GAYA | | | | | | | | GOA/DABOLIM | | | | | | | | | | | | GOPALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.8 | 01.1 | 295 | 30 | 03.1 | 00.5 | 270 | 30 | 04.6 | 01.9 | 271 | 30 | 05.7 | 04.0 | 288 | 30 | 04.7 | 02.7 | 270 | 30 | 03.8 | 03.1 | 217 |
| .15 A.G.L. | 30 | 06.5 | 01.8 | 282 | 28 | 07.3 | 02.1 | 249 | | | | | | | | | | | | | 25 | 08.3 | 07.2 | 210 |
| .3A.M.S.L. | 30 | 06.6 | 01.9 | 280 | 28 | 07.8 | 02.0 | 253 | 21 | 06.5 | 04.6 | 255 | 25 | 07.3 | 06.0 | 266 | 21 | 05.8 | 04.1 | 265 | 25 | 08.0 | 06.2 | 221 |
| .6 ,, | 30 | 06.9 | 02.6 | 308 | 28 | 08.0 | 01.8 | 261 | 21 | 08.4 | 05.5 | 265 | 25 | 08.9 | 07.8 | 270 | 21 | 08.2 | 07.0 | 273 | 25 | 08.1 | 05.6 | 237 |
| .9 ,, | 28 | 06.9 | 02.6 | 325 | 27 | 07.1 | 01.5 | 284 | 16 | 10.1 | 08.1 | 274 | 21 | 09.0 | 08.1 | 274 | 21 | 08.5 | 07.7 | 278 | 24 | 08.0 | 06.0 | 249 |
| 1.5 ,, | 27 | 06.9 | 02.6 | 335 | 26 | 07.0 | 02.4 | 328 | 11 | 07.4 | 06.2 | 264 | 16 | 06.6 | 05.2 | 271 | 12 | 09.4 | 07.9 | 281 | 21 | 09.2 | 06.6 | 271 |
| 2.1 ,, | 24 | 06.6 | 02.7 | 336 | 20 | 05.0 | 01.7 | 358 | 06 | 04.7 | 02.8 | 262 | 09 | 06.7 | 03.7 | 269 | 05 | 11.5 | 08.1 | 299 | 17 | 07.5 | 05.1 | 294 |
| 3.0 ,, | 19 | 05.8 | 02.6 | 336 | 14 | 04.7 | 02.2 | 343 | | | | | 02 | 05.0 | 03.9 | 333 | | | | | 10 | 08.0 | 05.1 | 340 |
| 3.6 ,, | 13 | 06.8 | 01.8 | 329 | 02 | 05.5 | 03.9 | 004 | | | | | | | | | | | | | 07 | 07.9 | 03.9 | 356 |
| 4.5 ,, | 09 | 07.0 | 02.0 | 360 | | | | | | | | | | | | | | | | | 02 | 02.5 | 02.5 | 001 |
| 5.4 ,, | 07 | 06.3 | 02.4 | 302 | | | | | | | | | | | | | | | | | 01 | 01.0 | 01.0 | 259 |
| 6.0 ,, | 06 | 05.5 | 02.6 | 298 | | | | | | | | | | | | | | | | | 01 | 01.0 | 01.0 | 208 |
| 7.2 ,, | 05 | 08.0 | 02.2 | 306 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 01 | 07.0 | 07.0 | 355 | | | | | | | | | | | | | | | | | | | | |

| STATION | GOPALPUR | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 05.0 | 03.9 | 205 | 30 | 04.4 | 03.7 | 212 | 30 | 01.5 | 01.0 | 085 | 30 | 01.8 | 00.4 | 273 | 30 | 01.8 | 01.2 | 260 | 30 | 03.0 | 02.5 | 293 |
| .15 A.G.L. | 22 | 11.0 | 09.3 | 198 | 23 | 10.2 | 09.6 | 215 | 29 | 06.4 | 04.2 | 095 | 30 | 04.5 | 01.1 | 287 | 29 | 06.7 | 04.7 | 271 | 28 | 05.1 | 04.2 | 293 |
| .3A.M.S.L. | 22 | 09.8 | 07.1 | 205 | 23 | 09.5 | 08.7 | 225 | 29 | 07.2 | 03.9 | 103 | 30 | 04.7 | 01.4 | 289 | 29 | 05.8 | 04.1 | 266 | 28 | 05.3 | 04.3 | 290 |
| .6 ,, | 22 | 07.7 | 04.9 | 228 | 23 | 07.5 | 06.2 | 241 | 29 | 07.9 | 02.8 | 117 | 30 | 05.5 | 01.7 | 286 | 29 | 08.4 | 06.5 | 282 | 28 | 05.2 | 04.4 | 299 |
| .9 ,, | 22 | 07.6 | 04.3 | 262 | 23 | 07.4 | 05.7 | 265 | 29 | 08.1 | 00.8 | 111 | 29 | 05.9 | 01.9 | 270 | 29 | 08.6 | 06.9 | 295 | 28 | 06.0 | 05.3 | 296 |
| 1.5 ,, | 21 | 08.1 | 06.3 | 291 | 20 | 07.7 | 06.5 | 295 | 28 | 08.3 | 02.0 | 240 | 27 | 06.4 | 03.4 | 272 | 24 | 07.3 | 05.4 | 309 | 25 | 06.4 | 05.3 | 304 |
| 2.1 ,, | 20 | 07.9 | 05.0 | 302 | 12 | 07.4 | 05.3 | 295 | 26 | 07.7 | 04.1 | 298 | 22 | 05.4 | 02.5 | 279 | 20 | 07.9 | 05.8 | 309 | 22 | 06.5 | 05.1 | 298 |
| 3.0 ,, | 16 | 07.7 | 03.1 | 298 | 03 | 03.7 | 02.9 | 326 | 23 | 07.6 | 05.2 | 303 | 22 | 05.9 | 03.9 | 289 | 14 | 06.6 | 04.9 | 324 | 15 | 07.1 | 06.0 | 309 |
| 3.6 ,, | 12 | 07.7 | 03.8 | 284 | | | | | 19 | 06.5 | 05.0 | 295 | 19 | 05.0 | 03.1 | 288 | 13 | 07.2 | 05.8 | 318 | 14 | 08.2 | 06.6 | 311 |
| 4.5 ,, | 06 | 07.8 | 05.3 | 260 | | | | | 12 | 04.7 | 03.0 | 272 | 14 | 05.4 | 01.6 | 311 | 10 | 06.5 | 04.5 | 313 | 10 | 09.4 | 08.0 | 305 |
| 5.4 ,, | 05 | 07.2 | 04.5 | 260 | | | | | 10 | 06.0 | 03.7 | 294 | 12 | 05.1 | 04.0 | 292 | 07 | 07.0 | 05.8 | 320 | 06 | 10.7 | 10.2 | 311 |
| 6.0 ,, | 05 | 05.6 | 02.8 | 241 | | | | | 09 | 07.7 | 04.9 | 273 | 11 | 06.0 | 03.9 | 314 | 07 | 07.7 | 04.9 | 316 | 05 | 09.0 | 09.0 | 301 |
| 7.2 ,, | 02 | 04.5 | 02.3 | 217 | | | | | 02 | 28.0 | 22.0 | 264 | 07 | 09.0 | 02.7 | 289 | 07 | 07.3 | 03.5 | 288 | 05 | 11.4 | 11.1 | 278 |
| 9.0 ,, | | | | | | | | | 01 | 18.0 | 18.0 | 235 | 05 | 01.5 | 06.6 | 260 | 05 | 14.4 | 07.5 | 254 | 03 | 18.7 | 18.7 | 244 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | GWALIOR | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 30 | 02.6 | 01.2 | 293 | 30 | 02.2 | 00.8 | 227 | 30 | 00.8 | 00.4 | 057 | 30 | 01.1 | 00.5 | 134 | 30 | 01.9 | 00.4 | 245 | 30 | 01.3 | 00.3 | 091 |
| .15 A.G.L. | 29 | 05.8 | 03.5 | 296 | 29 | 06.2 | 02.0 | 239 | 23 | 02.0 | 00.7 | 042 | 23 | 02.3 | 00.8 | 228 | 24 | 03.6 | 01.3 | 203 | 23 | 02.4 | 00.7 | 176 |
| .3A.M.S.L. | 29 | 05.2 | 02.8 | 294 | 29 | 05.4 | 01.5 | 226 | | | | | | | | | | | | | | | | |
| .6 ,, | 29 | 06.5 | 04.2 | 299 | 29 | 07.3 | 03.5 | 266 | | | | | | | | | | | | | | | | |
| .9 ,, | 29 | 06.3 | 04.9 | 287 | 29 | 08.1 | 04.9 | 273 | 23 | 02.0 | 00.7 | 035 | 23 | 02.3 | 00.8 | 224 | 24 | 03.4 | 01.3 | 202 | 23 | 02.2 | 00.6 | 178 |
| 1.5 ,, | 28 | 06.4 | 05.2 | 294 | 26 | 07.3 | 05.1 | 288 | 23 | 04.2 | 01.7 | 224 | 20 | 04.1 | 02.5 | 207 | 24 | 05.0 | 02.7 | 210 | 23 | 05.0 | 03.4 | 219 |
| 2.1 ,, | 24 | 06.4 | 05.2 | 300 | 24 | 07.2 | 05.5 | 289 | 18 | 07.5 | 05.7 | 236 | 17 | 06.5 | 05.0 | 225 | 21 | 08.0 | 05.6 | 231 | 18 | 07.7 | 06.4 | 230 |
| 3.0 ,, | 14 | 06.9 | 05.3 | 304 | 18 | 05.6 | 02.6 | 237 | 05 | 06.8 | 04.2 | 242 | 12 | 07.1 | 05.1 | 230 | 11 | 07.3 | 06.0 | 225 | 06 | 08.0 | 07.0 | 236 |
| 3.6 ,, | 11 | 08.2 | 05.9 | 308 | 07 | 04.4 | 02.1 | 006 | 03 | 06.0 | 02.4 | 254 | 09 | 07.3 | 06.4 | 240 | 07 | 07.3 | 06.8 | 211 | 04 | 05.7 | 04.8 | 231 |
| 4.5 ,, | 09 | 08.6 | 06.2 | 314 | 04 | 06.0 | 01.6 | 234 | 03 | 09.3 | 05.8 | 240 | 03 | 07.3 | 07.0 | 252 | 03 | 06.0 | 05.4 | 211 | 01 | 03.0 | 03.0 | 230 |
| 5.4 ,, | 07 | 09.6 | 08.5 | 317 | | | | | 01 | 07.0 | 07.0 | 225 | 02 | 07.0 | 07.0 | 250 | 02 | 03.0 | 02.7 | 208 | | | | |
| 6.0 ,, | 06 | 11.3 | 10.8 | 310 | | | | | | | | | 01 | 07.0 | 07.0 | 240 | 01 | 05.0 | 05.0 | 225 | | | | |
| 7.2 ,, | 05 | 16.4 | 14.2 | 292 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 04 | 18.7 | 17.2 | 267 | | | | | | | | | | | | | | | | | | | | |

| STATION | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 30 | 01.3 | 01.0 | 228 | 30 | 02.2 | 01.1 | 283 | 30 | 01.3 | 00.7 | 189 | 30 | 01.4 | 01.2 | 224 | 30 | 01.9 | 01.2 | 220 | 30 | 01.2 | 00.5 | 172 |
| .15 A.G.L. | 30 | 07.1 | 05.1 | 230 | 29 | 06.3 | 03.3 | 270 | 29 | 05.8 | 03.2 | 210 | 28 | 06.6 | 05.5 | 225 | 27 | 05.7 | 03.7 | 247 | 26 | 05.8 | 03.9 | 207 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 08.2 | 05.8 | 238 | 29 | 07.0 | 03.9 | 269 | 29 | 06.2 | 03.5 | 214 | 28 | 04.1 | 03.4 | 224 | 27 | 03.8 | 02.6 | 241 | 26 | 04.4 | 02.8 | 196 |
| .9 ,, | 30 | 11.5 | 08.7 | 267 | 29 | 07.9 | 05.3 | 281 | 29 | 07.1 | 04.6 | 254 | 28 | 09.3 | 08.0 | 237 | 27 | 06.6 | 04.6 | 256 | 26 | 06.4 | 04.6 | 221 |
| 1.5 ,, | 30 | 10.8 | 08.3 | 271 | 29 | 07.3 | 05.8 | 295 | 29 | 08.1 | 06.3 | 283 | 25 | 11.0 | 09.5 | 265 | 26 | 07.2 | 05.1 | 274 | 26 | 08.6 | 05.3 | 255 |
| 2.1 ,, | 23 | 09.0 | 07.4 | 300 | 25 | 07.7 | 06.3 | 295 | 26 | 07.8 | 06.1 | 299 | 23 | 11.0 | 08.5 | 285 | 23 | 08.1 | 05.5 | 293 | 25 | 09.7 | 05.6 | 280 |
| 3.0 ,, | 14 | 07.1 | 05.6 | 324 | 21 | 07.5 | 06.4 | 302 | 12 | 06.2 | 05.7 | 298 | 13 | 08.3 | 05.2 | 323 | 17 | 07.9 | 03.6 | 322 | 14 | 07.4 | 04.8 | 293 |
| 3.6 ,, | 05 | 08.2 | 06.3 | 329 | 16 | 07.7 | 06.5 | 313 | 06 | 04.3 | 03.7 | 321 | 09 | 07.0 | 03.9 | 001 | 15 | 06.8 | 04.1 | 330 | 07 | 07.9 | 05.3 | 340 |
| 4.5 ,, | 03 | 05.3 | 03.0 | 298 | 07 | 06.4 | 05.7 | 328 | 02 | 04.5 | 03.0 | 091 | 05 | 04.8 | 02.5 | 041 | 11 | 05.7 | 02.7 | 295 | | | | |
| 5.4 ,, | 03 | 05.6 | 03.8 | 290 | 04 | 05.7 | 05.2 | 321 | | | | | 03 | 06.0 | 02.2 | 330 | 05 | 04.4 | 02.7 | 307 | | | | |
| 6.0 ,, | 02 | 08.0 | 07.5 | 263 | 03 | 08.3 | 06.9 | 277 | | | | | 03 | 05.6 | 02.5 | 286 | 03 | 05.0 | 01.6 | 295 | | | | |
| 7.2 ,, | | | | | 03 | 08.7 | 08.7 | 258 | | | | | | | | | 02 | 04.5 | 04.1 | 068 | | | | |
| 9.0 ,, | | | | | 02 | 09.0 | 08.3 | 234 | | | | | | | | | | | | | | | | |

| STATION | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 30 | 01.5 | 00.9 | 282 | 30 | 01.8 | 01.6 | 275 | 30 | 00.9 | 00.9 | 278 | 30 | 01.5 | 00.6 | 253 | 15 | 03.4 | 01.4 | 248 | 30 | 02.2 | 00.5 | 236 |
| .15 A.G.L. | 26 | 06.3 | 04.2 | 279 | 30 | 05.1 | 04.2 | 270 | 30 | 07.7 | 05.7 | 276 | 27 | 04.2 | 02.2 | 252 | 15 | 06.3 | 03.1 | 247 | 29 | 04.7 | 01.7 | 240 |
| .3A.M.S.L. | | | | | | | | | | | | | 27 | 04.3 | 02.3 | 251 | 15 | 06.5 | 03.9 | 253 | 29 | 04.8 | 01.8 | 237 |
| .6 ,, | 26 | 07.3 | 05.0 | 283 | 30 | 05.3 | 04.3 | 272 | 30 | 08.4 | 06.5 | 275 | 27 | 07.5 | 05.0 | 267 | 15 | 06.4 | 03.3 | 243 | 29 | 06.0 | 02.3 | 249 |
| .9 ,, | 26 | 09.6 | 07.5 | 289 | 30 | 05.7 | 04.4 | 273 | 30 | 09.9 | 07.9 | 273 | 25 | 08.8 | 05.8 | 277 | 15 | 06.2 | 02.7 | 258 | 29 | 06.5 | 02.5 | 267 |
| 1.5 ,, | 25 | 07.8 | 06.1 | 290 | 29 | 06.1 | 04.9 | 278 | 28 | 08.1 | 06.0 | 277 | 21 | 08.5 | 05.5 | 297 | 13 | 07.8 | 05.2 | 294 | 26 | 06.5 | 02.0 | 287 |
| 2.1 ,, | 22 | 05.2 | 03.8 | 298 | 26 | 05.5 | 03.5 | 295 | 28 | 06.9 | 04.3 | 276 | 20 | 07.3 | 04.8 | 321 | 09 | 06.9 | 05.3 | 315 | 18 | 06.4 | 02.8 | 327 |
| 3.0 ,, | 20 | 04.8 | 03.1 | 323 | 24 | 05.7 | 04.2 | 310 | 21 | 05.4 | 02.6 | 291 | 16 | 07.7 | 06.1 | 319 | 03 | 06.3 | 06.3 | 011 | 09 | 06.4 | 04.9 | 348 |
| 3.6 ,, | 20 | 05.6 | 03.5 | 315 | 19 | 06.8 | 05.4 | 319 | 12 | 05.6 | 02.9 | 343 | 10 | 06.4 | 03.9 | 321 | | | | | 06 | 05.5 | 04.1 | 321 |
| 4.5 ,, | 17 | 07.5 | 04.7 | 305 | 12 | 08.7 | 07.5 | 313 | | | | | 08 | 07.0 | 03.9 | 238 | | | | | 02 | 09.0 | 07.2 | 289 |
| 5.4 ,, | 14 | 08.1 | 04.6 | 325 | 11 | 10.9 | 09.4 | 310 | | | | | 04 | 07.3 | 05.1 | 233 | | | | | 01 | 07.0 | 07.0 | 360 |
| 6.0 ,, | 13 | 07.3 | 02.9 | 327 | 11 | 11.3 | 09.9 | 305 | | | | | 04 | 07.5 | 03.6 | 239 | | | | | 01 | 07.0 | 07.0 | 355 |
| 7.2 ,, | 05 | 06.8 | 03.4 | 344 | 07 | 14.6 | 12.3 | 285 | | | | | 03 | 06.3 | 05.5 | 215 | | | | | | | | |
| 9.0 ,, | 03 | 05.3 | 02.8 | 058 | 01 | 26.0 | 26.0 | 260 | | | | | 02 | 10.5 | 07.8 | 228 | | | | | | | | |

| STATION | JHARSUGUDA | | | | | | | | | | | | JODHPUR | | | | | | | | LUCKNOW/AMAUSI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1730* | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.2 | 01.1 | 237 | 30 | 03.1 | 01.7 | 233 | 30 | 02.6 | 01.5 | 213 | 30 | 05.7 | 05.5 | 227 | 30 | 04.6 | 04.0 | 236 | 30 | 01.5 | 00.4 | 254 |
| .15 A.G.L. | 25 | 05.0 | 03.3 | 231 | 25 | 05.6 | 03.5 | 229 | 22 | 06.3 | 04.0 | 215 | 29 | 09.0 | 08.4 | 236 | 27 | 07.1 | 06.3 | 239 | 28 | 07.2 | 01.9 | 292 |
| .3A.M.S.L. | 25 | 03.9 | 02.5 | 224 | 25 | 04.9 | 03.3 | 228 | 22 | 04.9 | 03.2 | 206 | 29 | 06.0 | 05.7 | 228 | 27 | 05.0 | 04.4 | 238 | 28 | 07.3 | 02.3 | 307 |
| .6 ,, | 25 | 07.2 | 05.6 | 257 | 25 | 06.2 | 03.8 | 247 | 22 | 07.8 | 04.8 | 237 | 29 | 09.6 | 08.9 | 239 | 27 | 07.7 | 06.6 | 242 | 28 | 09.4 | 05.0 | 305 |
| .9 ,, | 25 | 08.7 | 07.1 | 271 | 25 | 06.9 | 04.7 | 267 | 22 | 08.4 | 04.9 | 244 | 29 | 10.1 | 09.0 | 240 | 27 | 07.4 | 06.6 | 241 | 24 | 06.0 | 03.5 | 302 |
| 1.5 ,, | 21 | 08.8 | 06.7 | 289 | 24 | 06.8 | 04.9 | 284 | 18 | 06.8 | 03.9 | 266 | 29 | 08.6 | 07.3 | 242 | 27 | 07.1 | 06.1 | 243 | 21 | 07.7 | 04.3 | 308 |
| 2.1 ,, | 19 | 07.7 | 05.2 | 317 | 19 | 06.2 | 03.9 | 305 | 16 | 06.2 | 04.2 | 307 | 29 | 05.1 | 03.3 | 202 | 27 | 05.5 | 04.3 | 252 | 20 | 07.1 | 03.4 | 296 |
| 3.0 ,, | 17 | 07.1 | 05.9 | 338 | 14 | 06.6 | 04.9 | 317 | 09 | 06.6 | 05.1 | 011 | 29 | 04.8 | 01.4 | 330 | 27 | 04.8 | 02.6 | 280 | 13 | 08.3 | 04.2 | 292 |
| 3.6 ,, | 13 | 07.4 | 05.9 | 003 | 10 | 06.6 | 05.9 | 306 | | | | | 29 | 04.3 | 00.6 | 020 | 27 | 05.8 | 02.1 | 307 | 13 | 09.3 | 05.9 | 283 |
| 4.5 ,, | 09 | 06.7 | 04.9 | 351 | 07 | 07.7 | 06.4 | 307 | | | | | 27 | 05.8 | 02.1 | 323 | 26 | 06.2 | 03.0 | 324 | 10 | 08.9 | 07.3 | 284 |
| 5.4 ,, | 07 | 04.3 | 01.6 | 299 | 06 | 08.8 | 07.0 | 286 | | | | | 26 | 06.8 | 03.1 | 329 | 26 | 06.9 | 03.8 | 307 | 08 | 08.5 | 04.7 | 286 |
| 6.0 ,, | 06 | 04.5 | 02.9 | 258 | 06 | 08.3 | 06.3 | 276 | | | | | 26 | 07.9 | 03.2 | 306 | 26 | 07.5 | 05.5 | 305 | 07 | 09.0 | 06.9 | 298 |
| 7.2 ,, | 03 | 07.7 | 06.8 | 171 | 06 | 08.7 | 06.9 | 273 | | | | | 26 | 10.4 | 05.7 | 282 | 25 | 10.0 | 06.4 | 293 | 03 | 11.6 | 09.7 | 247 |
| 9.0 ,, | 01 | 08.0 | 08.0 | 165 | 04 | 05.3 | 02.3 | 252 | | | | | 25 | 13.4 | 07.7 | 271 | 25 | 11.7 | 07.6 | 264 | 01 | 20.0 | 20.0 | 245 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | LUCKNOW/AMAUSI | | | | | | | | MADRAS/MINAMBAKKAM | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 01.9 | 296 | 30 | 01.4 | 00.6 | 220 | 30 | 05.1 | 03.6 | 242 | 30 | 04.1 | 03.4 | 264 | 30 | 05.8 | 04.9 | 159 | 30 | 04.2 | 03.8 | 186 |
| .15 A.G.L. | 29 | 05.7 | 03.6 | 284 | 28 | 08.1 | 02.5 | 263 | 30 | 06.7 | 05.3 | 240 | 30 | 05.8 | 05.1 | 270 | 30 | 06.3 | 05.8 | 157 | 27 | 08.0 | 07.7 | 190 |
| .3A.M.S.L. | 29 | 05.9 | 03.7 | 286 | 28 | 08.3 | 03.8 | 265 | 30 | 07.7 | 06.3 | 249 | 30 | 06.0 | 05.5 | 267 | 30 | 05.9 | 05.3 | 172 | 27 | 09.5 | 09.0 | 196 |
| .6 ,, | 28 | 06.4 | 04.2 | 292 | 28 | 08.3 | 03.4 | 285 | 30 | 09.5 | 08.5 | 263 | 30 | 06.5 | 06.1 | 268 | 30 | 05.5 | 04.7 | 215 | 27 | 10.2 | 09.4 | 207 |
| .9 ,, | 26 | 07.1 | 04.8 | 291 | 27 | 07.4 | 03.9 | 282 | 30 | 09.7 | 08.8 | 269 | 30 | 07.6 | 07.2 | 275 | 30 | 05.7 | 05.0 | 242 | 27 | 08.9 | 08.0 | 223 |
| 1.5 ,, | 24 | 06.5 | 04.1 | 293 | 26 | 07.1 | 04.5 | 286 | 30 | 07.1 | 06.7 | 271 | 30 | 07.8 | 07.2 | 272 | 30 | 06.9 | 06.5 | 268 | 27 | 07.6 | 07.0 | 252 |
| 2.1 ,, | 19 | 05.6 | 03.0 | 291 | 19 | 05.9 | 02.1 | 288 | 30 | 05.4 | 04.9 | 269 | 30 | 06.9 | 06.0 | 261 | 30 | 07.5 | 06.8 | 274 | 26 | 07.6 | 06.8 | 269 |
| 3.0 ,, | 19 | 06.3 | 03.6 | 295 | 16 | 06.7 | 01.7 | 260 | 30 | 05.3 | 04.3 | 269 | 30 | 06.2 | 05.0 | 262 | 30 | 08.1 | 07.1 | 272 | 24 | 07.7 | 06.0 | 290 |
| 3.6 ,, | 16 | 07.0 | 04.6 | 301 | 05 | 03.4 | 00.9 | 346 | 30 | 06.0 | 04.0 | 276 | 28 | 06.6 | 05.0 | 269 | 30 | 06.8 | 05.2 | 272 | 06 | 06.5 | 03.6 | 342 |
| 4.5 ,, | 13 | 05.5 | 02.9 | 310 | 03 | 04.3 | 02.9 | 113 | 30 | 06.3 | 03.7 | 249 | 23 | 06.0 | 04.6 | 248 | 30 | 06.2 | 04.0 | 259 | 02 | 03.0 | 02.7 | 129 |
| 5.4 ,, | 12 | 06.7 | 04.0 | 302 | | | | | 30 | 06.2 | 03.0 | 236 | 20 | 06.4 | 04.2 | 243 | 29 | 05.2 | 03.2 | 260 | 01 | 06.0 | 06.0 | 060 |
| 6.0 ,, | 10 | 07.0 | 03.7 | 307 | | | | | 30 | 05.1 | 02.0 | 222 | 18 | 04.9 | 02.5 | 232 | 29 | 04.8 | 02.2 | 254 | | | | |
| 7.2 ,, | 05 | 07.4 | 05.8 | 314 | | | | | 30 | 04.5 | 01.0 | 136 | 05 | 05.8 | 05.3 | 136 | 30 | 04.3 | 01.1 | 199 | | | | |
| 9.0 ,, | 02 | 01.5 | 01.7 | 346 | | | | | 30 | 05.9 | 04.9 | 087 | | | | | 30 | 05.7 | 04.2 | 090 | | | | |

| STATION | MANGALORE/BAJPE | | | | | | | | | | | | MINICOY | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 01.4 | 092 | 30 | 03.4 | 02.6 | 267 | 30 | 01.8 | 01.1 | 117 | 30 | 04.6 | 04.3 | 270 | 30 | 04.5 | 04.3 | 266 | 30 | 07.9 | 07.3 | 264 |
| .15 A.G.L. | 26 | 04.1 | 00.8 | 195 | 25 | 05.6 | 04.4 | 268 | 26 | 03.8 | 01.4 | 211 | 26 | 07.9 | 07.2 | 264 | 27 | 07.9 | 07.2 | 265 | 30 | 08.7 | 07.9 | 267 |
| .3A.M.S.L. | 26 | 04.3 | 01.7 | 239 | 25 | 06.0 | 05.0 | 268 | 26 | 04.0 | 01.9 | 227 | 26 | 09.1 | 08.5 | 266 | 27 | 08.2 | 07.5 | 267 | 30 | 09.2 | 08.4 | 271 |
| .6 ,, | 26 | 05.7 | 04.2 | 272 | 24 | 06.9 | 05.7 | 275 | 26 | 05.1 | 04.2 | 256 | 25 | 10.2 | 09.6 | 273 | 27 | 08.8 | 08.0 | 271 | 30 | 10.1 | 09.4 | 277 |
| .9 ,, | 25 | 06.6 | 05.2 | 279 | 22 | 07.5 | 06.3 | 279 | 23 | 06.3 | 05.6 | 267 | 24 | 10.3 | 09.8 | 278 | 24 | 09.3 | 08.9 | 275 | 30 | 11.0 | 10.3 | 282 |
| 1.5 ,, | 17 | 06.9 | 06.2 | 277 | 19 | 07.0 | 05.7 | 278 | 17 | 07.6 | 07.1 | 278 | 18 | 08.8 | 08.1 | 283 | 18 | 09.3 | 08.9 | 282 | 28 | 10.5 | 09.9 | 283 |
| 2.1 ,, | 09 | 06.7 | 04.9 | 290 | 14 | 06.9 | 04.6 | 271 | 11 | 07.8 | 07.0 | 277 | 18 | 07.1 | 06.5 | 282 | 18 | 08.4 | 07.9 | 282 | 28 | 08.7 | 08.1 | 283 |
| 3.0 ,, | 09 | 08.3 | 04.0 | 289 | 05 | 07.8 | 03.3 | 279 | 06 | 07.8 | 05.4 | 254 | 13 | 06.6 | 05.8 | 288 | 13 | 05.4 | 04.7 | 279 | 28 | 08.0 | 07.1 | 283 |
| 3.6 ,, | 07 | 07.3 | 03.8 | 283 | 04 | 08.0 | 01.7 | 231 | 03 | 07.3 | 02.6 | 176 | 12 | 06.2 | 04.9 | 284 | 10 | 04.9 | 03.8 | 286 | 28 | 07.6 | 06.0 | 280 |
| 4.5 ,, | 06 | 05.7 | 02.4 | 289 | 04 | 09.5 | 02.5 | 203 | 01 | 04.0 | 04.0 | 170 | 09 | 04.6 | 04.0 | 268 | 09 | 03.8 | 02.5 | 253 | 27 | 05.9 | 04.5 | 277 |
| 5.4 ,, | 03 | 04.3 | 01.3 | 085 | 04 | 06.0 | 01.7 | 263 | | | | | 08 | 04.4 | 03.5 | 284 | 08 | 05.9 | 03.4 | 235 | 26 | 06.9 | 04.4 | 252 |
| 6.0 ,, | 03 | 03.0 | 02.3 | 120 | 03 | 04.3 | 02.5 | 094 | | | | | 06 | 04.3 | 03.1 | 286 | 07 | 05.6 | 03.2 | 253 | 21 | 07.0 | 03.8 | 242 |
| 7.2 ,, | 02 | 05.5 | 05.5 | 085 | 03 | 06.3 | 05.5 | 112 | | | | | 06 | 05.7 | 01.0 | 349 | 07 | 05.1 | 01.9 | 287 | 20 | 05.3 | 00.8 | 224 |
| 9.0 ,, | 01 | 05.0 | 05.0 | 120 | | | | | | | | | 04 | 08.0 | 07.9 | 098 | 06 | 11.2 | 10.2 | 088 | 20 | 07.9 | 04.4 | 091 |

| STATION | MINICOY | | | | NAGPUR/SONEGAON | | | | | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.8 | 04.7 | 270 | 30 | 02.3 | 01.7 | 282 | 30 | 03.3 | 02.6 | 288 | 30 | 04.3 | 02.1 | 284 | 30 | 01.9 | 00.6 | 252 | 30 | 02.4 | 01.4 | 260 |
| .15 A.G.L. | 24 | 06.8 | 06.5 | 261 | 30 | 07.6 | 05.9 | 268 | 30 | 05.6 | 04.9 | 284 | 30 | 06.3 | 02.8 | 282 | 30 | 06.8 | 02.6 | 221 | 30 | 06.7 | 03.2 | 268 |
| .3A.M.S.L. | 24 | 07.8 | 07.4 | 266 | | | | | | | | | | | | | | | | | 30 | 05.6 | 02.4 | 273 |
| .6 ,, | 24 | 09.3 | 08.8 | 273 | 30 | 08.3 | 06.9 | 273 | 30 | 05.7 | 04.6 | 283 | 30 | 06.2 | 03.3 | 272 | 30 | 07.4 | 02.9 | 236 | 30 | 06.9 | 03.9 | 276 |
| .9 ,, | 23 | 09.2 | 08.8 | 279 | 30 | 09.2 | 08.1 | 280 | 30 | 06.5 | 05.3 | 282 | 30 | 05.4 | 03.5 | 262 | 30 | 07.9 | 03.8 | 253 | 30 | 08.2 | 04.8 | 282 |
| 1.5 ,, | 19 | 07.8 | 07.5 | 286 | 30 | 09.1 | 07.5 | 285 | 30 | 06.2 | 04.5 | 286 | 30 | 05.9 | 04.6 | 268 | 30 | 07.3 | 05.1 | 267 | 30 | 08.2 | 05.4 | 295 |
| 2.1 ,, | 13 | 06.8 | 06.2 | 282 | 30 | 07.4 | 05.9 | 290 | 23 | 06.7 | 03.6 | 291 | 29 | 07.1 | 05.5 | 272 | 27 | 07.2 | 05.4 | 280 | 30 | 07.9 | 05.4 | 304 |
| 3.0 ,, | 11 | 05.8 | 04.9 | 282 | 30 | 06.7 | 04.2 | 292 | 15 | 07.7 | 02.9 | 328 | 28 | 07.7 | 06.3 | 284 | 13 | 07.1 | 03.7 | 329 | 30 | 07.6 | 04.5 | 312 |
| 3.6 ,, | 05 | 05.6 | 05.0 | 307 | 30 | 07.2 | 03.8 | 302 | 13 | 07.4 | 02.9 | 350 | 28 | 08.1 | 06.8 | 296 | 05 | 06.4 | 03.1 | 282 | 30 | 07.8 | 04.9 | 316 |
| 4.5 ,, | 03 | 03.7 | 01.0 | 255 | 30 | 06.4 | 03.5 | 329 | 10 | 04.7 | 02.4 | 355 | 28 | 07.4 | 05.1 | 297 | 01 | 03.0 | 03.0 | 210 | 30 | 07.7 | 04.7 | 313 |
| 5.4 ,, | 03 | 04.0 | 01.5 | 061 | 30 | 05.2 | 02.5 | 326 | 10 | 04.7 | 02.9 | 263 | 28 | 06.2 | 04.6 | 292 | | | | | 30 | 07.4 | 04.1 | 301 |
| 6.0 ,, | 01 | 05.0 | 05.0 | 115 | 30 | 04.6 | 01.5 | 324 | 08 | 04.5 | 01.5 | 230 | 28 | 05.6 | 04.0 | 301 | | | | | 30 | 08.1 | 04.1 | 289 |
| 7.2 ,, | | | | | 30 | 04.1 | 00.6 | 307 | 08 | 03.9 | 01.1 | 235 | 28 | 04.5 | 01.7 | 288 | | | | | 30 | 10.5 | 06.7 | 281 |
| 9.0 ,, | | | | | 29 | 05.6 | 01.5 | 134 | 05 | 06.4 | 04.3 | 157 | 28 | 05.2 | 01.1 | 110 | | | | | 30 | 13.9 | 09.0 | 263 |

| STATION | NEW DELHI/SAFDARJUNG | | | | | | | | POONA | | | | | | | | | | | | PORT BLAIR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.9 | 00.1 | 255 | 30 | 02.7 | 01.8 | 292 | 30 | 00.6 | 00.6 | 270 | 30 | 02.9 | 02.8 | 261 | 30 | 01.6 | 01.5 | 264 | 30 | 07.5 | 07.2 | 220 |
| .15 A.G.L. | 30 | 03.7 | 02.1 | 274 | 30 | 05.8 | 03.5 | 298 | 29 | 05.7 | 05.5 | 250 | 30 | 08.1 | 07.4 | 257 | 30 | 06.5 | 06.4 | 250 | 30 | 09.9 | 09.5 | 222 |
| .3A.M.S.L. | 30 | 03.1 | 01.5 | 267 | 30 | 04.0 | 02.3 | 298 | | | | | | | | | | | | | 30 | 10.0 | 09.6 | 223 |
| .6 ,, | 30 | 04.5 | 02.5 | 293 | 30 | 05.9 | 03.5 | 290 | 29 | 03.2 | 03.1 | 252 | 30 | 05.3 | 04.9 | 259 | 30 | 04.1 | 03.9 | 257 | 30 | 11.6 | 11.3 | 226 |
| .9 ,, | 30 | 05.9 | 03.4 | 302 | 30 | 05.7 | 03.8 | 290 | 29 | 06.8 | 06.5 | 250 | 30 | 08.5 | 07.9 | 258 | 30 | 07.7 | 07.5 | 254 | 30 | 12.1 | 11.8 | 230 |
| 1.5 ,, | 25 | 07.8 | 05.0 | 315 | 30 | 07.5 | 05.1 | 300 | 25 | 10.3 | 08.9 | 261 | 27 | 10.6 | 10.0 | 263 | 25 | 11.1 | 09.0 | 267 | 30 | 11.3 | 10.9 | 237 |
| 2.1 ,, | 19 | 08.4 | 05.1 | 308 | 30 | 08.1 | 06.0 | 305 | 19 | 08.8 | 07.4 | 266 | 18 | 09.1 | 07.1 | 279 | 21 | 10.0 | 05.5 | 280 | 29 | 09.7 | 09.3 | 236 |
| 3.0 ,, | 14 | 08.1 | 06.2 | 308 | 30 | 07.5 | 06.0 | 312 | 08 | 05.1 | 01.7 | 328 | 09 | 07.0 | 00.9 | 323 | 12 | 06.7 | 03.2 | 243 | 29 | 09.0 | 08.4 | 237 |
| 3.6 ,, | 11 | 07.5 | 06.1 | 307 | 30 | 08.2 | 06.4 | 320 | 04 | 05.5 | 02.6 | 260 | 08 | 06.7 | 00.7 | 153 | 03 | 03.3 | 02.9 | 238 | 29 | 08.5 | 08.0 | 239 |
| 4.5 ,, | 10 | 08.7 | 06.6 | 311 | 30 | 08.1 | 05.9 | 320 | 01 | 06.0 | 06.0 | 035 | 05 | 06.0 | 04.0 | 069 | 01 | 01.0 | 01.0 | 344 | 29 | 06.8 | 05.7 | 252 |
| 5.4 ,, | 07 | 10.6 | 08.5 | 305 | 30 | 09.0 | 06.3 | 305 | | | | | 03 | 05.7 | 05.3 | 104 | 01 | 01.0 | 01.0 | 135 | 29 | 06.1 | 04.2 | 246 |
| 6.0 ,, | 07 | 11.4 | 09.3 | 295 | 30 | 08.8 | 06.5 | 298 | | | | | 03 | 05.7 | 05.5 | 092 | 01 | 02.0 | 02.0 | 135 | 29 | 05.7 | 02.3 | 235 |
| 7.2 ,, | 04 | 16.0 | 14.7 | 271 | 30 | 09.5 | 07.0 | 293 | | | | | 02 | 05.0 | 02.3 | 089 | | | | | 29 | 05.1 | 01.9 | 099 |
| 9.0 ,, | | | | | 29 | 14.5 | 10.8 | 268 | | | | | 01 | 03.0 | 03.0 | 075 | | | | | 29 | 10.7 | 09.7 | 084 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | PORT BLAIR | | | | | | | | | | | | RAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 30 | 07.1 | 06.8 | 224 | 30 | 07.6 | 07.5 | 224 | 30 | 04.4 | 04.2 | 228 | 30 | 01.7 | 01.0 | 230 | 30 | 02.1 | 01.6 | 239 | 30 | 02.1 | 01.2 | 184 |
| .15 A.G.L. | 30 | 09.3 | 08.9 | 224 | 29 | 08.8 | 08.5 | 224 | 29 | 07.6 | 07.4 | 230 | 28 | 07.7 | 06.0 | 230 | 28 | 07.0 | 05.3 | 248 | 27 | 08.4 | 04.9 | 203 |
| .3A.M.S.L. | 30 | 09.2 | 09.0 | 227 | 29 | 08.9 | 08.7 | 224 | 29 | 08.5 | 08.3 | 230 | | | | | | | | | | | | |
| .6 ,, | 29 | 09.4 | 09.2 | 233 | 29 | 10.7 | 10.5 | 227 | 29 | 09.8 | 09.6 | 234 | 28 | 09.2 | 07.5 | 246 | 28 | 08.1 | 06.2 | 261 | 27 | 08.8 | 04.6 | 221 |
| .9 ,, | 17 | 10.4 | 10.3 | 234 | 29 | 11.9 | 11.5 | 229 | 25 | 09.7 | 09.5 | 239 | 28 | 10.6 | 08.6 | 259 | 28 | 08.8 | 06.8 | 266 | 27 | 08.3 | 04.3 | 231 |
| 1.5 ,, | 05 | 08.4 | 08.3 | 239 | 29 | 11.0 | 10.7 | 236 | 22 | 08.5 | 08.2 | 242 | 27 | 10.3 | 08.5 | 280 | 26 | 09.2 | 06.7 | 285 | 26 | 08.3 | 05.3 | 259 |
| 2.1 ,, | 03 | 07.7 | 07.2 | 230 | 29 | 10.0 | 09.5 | 239 | 16 | 06.6 | 06.5 | 242 | 23 | 10.0 | 07.5 | 298 | 22 | 08.6 | 05.7 | 288 | 26 | 08.4 | 06.0 | 288 |
| 3.0 ,, | 02 | 05.0 | 04.7 | 213 | 29 | 08.8 | 08.1 | 244 | 08 | 04.8 | 04.7 | 244 | 19 | 08.7 | 06.2 | 320 | 21 | 08.3 | 06.0 | 307 | 22 | 08.3 | 06.0 | 319 |
| 3.6 ,, | 02 | 03.0 | 02.9 | 235 | 29 | 07.4 | 06.6 | 243 | 05 | 03.2 | 02.9 | 241 | 17 | 07.7 | 05.1 | 333 | 20 | 07.0 | 05.1 | 314 | 13 | 06.2 | 05.2 | 319 |
| 4.5 ,, | | | | | 29 | 05.8 | 04.7 | 245 | 04 | 03.7 | 01.3 | 216 | 14 | 06.7 | 04.3 | 010 | 14 | 06.8 | 04.2 | 316 | 03 | 06.7 | 06.0 | 318 |
| 5.4 ,, | | | | | 28 | 05.5 | 03.6 | 246 | 02 | 02.5 | 02.4 | 348 | 12 | 04.2 | 01.4 | 001 | 13 | 05.9 | 03.4 | 305 | | | | |
| 6.0 ,, | | | | | 28 | 05.6 | 02.4 | 247 | | | | | 09 | 03.3 | 01.8 | 287 | 08 | 04.9 | 02.6 | 299 | | | | |
| 7.2 ,, | | | | | 28 | 05.6 | 02.4 | 098 | | | | | 08 | 05.7 | 00.9 | 269 | 05 | 04.4 | 02.4 | 249 | | | | |
| 9.0 ,, | | | | | 28 | 10.9 | 10.1 | 086 | | | | | 04 | 05.7 | 04.8 | 197 | 01 | 07.0 | 07.0 | 340 | | | | |

| STATION | RAXAUL | | | | | | | | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 27 | 02.2 | 01.8 | 109 | 29 | 01.2 | 00.7 | 094 | 28 | 00.2 | 00.2 | 140 | 28 | 00.4 | 00.2 | 022 | 30 | 03.8 | 03.5 | 262 | 30 | 05.1 | 02.5 | 253 |
| .15 A.G.L. | 27 | 07.1 | 06.9 | 101 | 28 | 03.9 | 02.4 | 083 | 28 | 02.3 | 01.0 | 125 | 28 | 01.9 | 00.5 | 327 | 26 | 08.0 | 07.4 | 267 | 25 | 05.8 | 03.9 | 253 |
| .3A.M.S.L. | 27 | 07.9 | 07.8 | 104 | 28 | 04.4 | 02.5 | 085 | | | | | | | | | 26 | 08.3 | 07.9 | 267 | 25 | 05.5 | 03.9 | 252 |
| .6 ,, | 27 | 08.2 | 07.7 | 113 | 28 | 03.5 | 02.4 | 095 | | | | | | | | | 26 | 12.0 | 11.8 | 271 | 25 | 06.7 | 05.3 | 254 |
| .9 ,, | 27 | 07.5 | 05.7 | 121 | 28 | 03.9 | 02.3 | 110 | | | | | | | | | 26 | 12.0 | 11.8 | 274 | 25 | 07.2 | 05.7 | 256 |
| 1.5 ,, | 26 | 05.8 | 01.1 | 137 | 27 | 05.1 | 01.5 | 191 | | | | | | | | | 26 | 08.7 | 08.4 | 261 | 24 | 08.0 | 07.5 | 261 |
| 2.1 ,, | 22 | 05.9 | 02.5 | 285 | 22 | 05.5 | 02.7 | 264 | 28 | 02.3 | 01.0 | 043 | 28 | 01.9 | 00.6 | 320 | 26 | 06.1 | 05.6 | 261 | 23 | 08.0 | 07.5 | 263 |
| 3.0 ,, | 17 | 06.1 | 04.3 | 299 | 19 | 07.0 | 04.1 | 275 | 28 | 02.7 | 01.9 | 326 | 28 | 02.9 | 01.8 | 291 | 26 | 05.5 | 04.1 | 272 | 22 | 08.0 | 07.5 | 267 |
| 3.6 ,, | 13 | 06.3 | 05.2 | 305 | 14 | 04.4 | 01.8 | 274 | 28 | 02.8 | 01.4 | 330 | 28 | 03.5 | 02.0 | 314 | 24 | 05.8 | 04.2 | 264 | 17 | 08.2 | 07.4 | 265 |
| 4.5 ,, | 10 | 06.2 | 03.5 | 285 | 09 | 04.0 | 01.5 | 296 | 28 | 03.4 | 01.3 | 015 | 28 | 04.5 | 02.9 | 332 | 23 | 06.5 | 04.2 | 252 | 13 | 07.2 | 05.9 | 257 |
| 5.4 ,, | 07 | 06.7 | 02.5 | 298 | 08 | 05.1 | 03.3 | 296 | 28 | 04.7 | 00.7 | 294 | 28 | 06.3 | 03.3 | 325 | 17 | 05.6 | 02.7 | 256 | 05 | 05.6 | 03.5 | 253 |
| 6.0 ,, | 05 | 08.0 | 03.3 | 232 | 08 | 09.4 | 04.7 | 280 | 28 | 06.1 | 03.6 | 285 | 28 | 06.7 | 04.2 | 314 | 12 | 04.9 | 02.5 | 271 | 03 | 04.0 | 02.0 | 241 |
| 7.2 ,, | 03 | 11.7 | 10.8 | 265 | 05 | 10.6 | 05.5 | 281 | 28 | 07.3 | 04.3 | 297 | 27 | 08.7 | 05.7 | 296 | 06 | 04.5 | 00.9 | 093 | 02 | 05.5 | 04.7 | 097 |
| 9.0 ,, | 01 | 05.0 | 05.0 | 260 | 04 | 10.5 | 05.7 | 305 | 27 | 11.3 | 09.5 | 280 | 27 | 11.8 | 09.2 | 292 | 01 | 10.0 | 10.0 | 100 | | | | |

| STATION | TIRUCHCHIRAPPALLI | | | | | | | | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.8 | 04.0 | 251 | 26 | 01.7 | 01.2 | 330 | 30 | 03.8 | 03.3 | 295 | 30 | 04.3 | 03.9 | 245 | 30 | 02.6 | 02.0 | 318 | 30 | 00.9 | 00.8 | 242 |
| .15 A.G.L. | 25 | 07.6 | 06.4 | 248 | 26 | 05.7 | 04.9 | 311 | 29 | 06.1 | 05.2 | 298 | 27 | 06.7 | 06.3 | 300 | 27 | 05.7 | 04.9 | 308 | 30 | 04.9 | 04.4 | 245 |
| .3A.M.S.L. | 25 | 08.4 | 07.0 | 250 | 26 | 06.2 | 05.4 | 305 | 29 | 06.6 | 05.8 | 299 | 27 | 07.2 | 06.8 | 299 | 27 | 06.5 | 05.6 | 306 | | | | |
| .6 ,, | 25 | 10.2 | 08.7 | 254 | 26 | 07.7 | 07.3 | 295 | 26 | 07.3 | 06.8 | 297 | 27 | 08.9 | 08.5 | 296 | 27 | 09.1 | 08.3 | 295 | | | | |
| .9 ,, | 25 | 10.2 | 09.1 | 260 | 26 | 09.1 | 08.6 | 293 | 21 | 08.5 | 08.2 | 298 | 27 | 09.6 | 09.2 | 299 | 23 | 09.3 | 08.7 | 297 | 30 | 06.0 | 05.2 | 253 |
| 1.5 ,, | 25 | 08.2 | 07.9 | 270 | 26 | 09.3 | 08.8 | 291 | 10 | 07.3 | 06.5 | 309 | 27 | 09.8 | 09.4 | 300 | 18 | 09.3 | 08.6 | 293 | 27 | 08.2 | 06.9 | 253 |
| 2.1 ,, | 22 | 06.8 | 06.0 | 273 | 26 | 08.0 | 07.6 | 287 | 05 | 06.8 | 06.1 | 296 | 26 | 08.9 | 08.5 | 297 | 13 | 07.7 | 06.5 | 284 | 21 | 05.8 | 03.6 | 249 |
| 3.0 ,, | 22 | 05.6 | 04.2 | 285 | 24 | 06.2 | 05.3 | 275 | 01 | 09.0 | 09.0 | 270 | 25 | 07.7 | 07.2 | 281 | 09 | 05.9 | 04.7 | 287 | 17 | 04.7 | 00.9 | 297 |
| 3.6 ,, | 15 | 06.3 | 04.3 | 282 | 24 | 06.3 | 05.2 | 259 | 01 | 09.0 | 09.0 | 305 | 24 | 07.1 | 06.1 | 270 | 02 | 02.0 | 01.7 | 279 | 15 | 04.9 | 00.5 | 229 |
| 4.5 ,, | 09 | 04.6 | 00.6 | 270 | 23 | 06.2 | 04.1 | 245 | | | | | 24 | 05.9 | 04.5 | 248 | 02 | 05.5 | 01.7 | 195 | 14 | 05.0 | 02.2 | 228 |
| 5.4 ,, | 01 | 02.0 | 02.0 | 260 | 20 | 05.1 | 03.1 | 250 | | | | | 23 | 05.0 | 02.8 | 225 | 01 | 05.0 | 05.0 | 100 | 14 | 06.3 | 02.8 | 277 |
| 6.0 ,, | | | | | 19 | 04.2 | 01.9 | 232 | | | | | 22 | 04.1 | 02.1 | 186 | 01 | 07.0 | 07.0 | 130 | 14 | 07.3 | 04.2 | 288 |
| 7.2 ,, | | | | | 18 | 05.0 | 00.8 | 132 | | | | | 21 | 05.4 | 02.5 | 108 | | | | | 10 | 08.6 | 07.0 | 278 |
| 9.0 ,, | | | | | 15 | 08.1 | 06.2 | 079 | | | | | 20 | 07.9 | 07.2 | 075 | | | | | 10 | 13.4 | 11.5 | 262 |

| STATION | UDAIPUR | | | | | | | | VENGURLA | | | | | | | | | | | | VERAVAL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.5 | 01.2 | 231 | 30 | 01.1 | 01.0 | 234 | 30 | 01.3 | 00.6 | 261 | 30 | 03.0 | 02.4 | 246 | 30 | 01.1 | 00.5 | 242 | 30 | 09.0 | 07.4 | 246 |
| .15 A.G.L. | 30 | 05.1 | 04.0 | 241 | 30 | 05.0 | 04.3 | 231 | 27 | 05.0 | 02.8 | 256 | 29 | 06.2 | 05.1 | 250 | 28 | 04.1 | 03.1 | 248 | 29 | 09.6 | 08.3 | 252 |
| .3A.M.S.L. | | | | | | | | | 27 | 05.9 | 03.8 | 263 | 29 | 06.7 | 05.5 | 256 | 28 | 05.2 | 04.4 | 255 | 29 | 10.1 | 08.9 | 255 |
| .6 ,, | | | | | | | | | 26 | 07.0 | 05.4 | 269 | 29 | 08.1 | 06.9 | 261 | 28 | 06.9 | 06.0 | 262 | 28 | 11.3 | 09.8 | 259 |
| .9 ,, | 30 | 05.5 | 04.3 | 243 | 30 | 05.8 | 05.0 | 238 | 18 | 07.8 | 06.0 | 271 | 26 | 09.7 | 08.4 | 266 | 24 | 08.0 | 06.9 | 268 | 26 | 11.0 | 09.2 | 258 |
| 1.5 ,, | 28 | 05.6 | 04.8 | 248 | 28 | 08.0 | 06.6 | 253 | 11 | 06.7 | 04.1 | 272 | 16 | 08.2 | 06.3 | 288 | 17 | 07.4 | 06.0 | 272 | 22 | 07.5 | 06.0 | 245 |
| 2.1 ,, | 27 | 05.6 | 04.1 | 254 | 25 | 05.6 | 04.4 | 284 | 08 | 06.4 | 01.7 | 315 | 07 | 07.3 | 03.4 | 320 | 12 | 08.9 | 06.4 | 274 | 15 | [illegible] | 04.5 | 252 |
| 3.0 ,, | 26 | 05.0 | 02.7 | 295 | 22 | 04.2 | 01.7 | 284 | 02 | 06.5 | 04.5 | 113 | 07 | 06.9 | 01.6 | 002 | 02 | 07.0 | 06.7 | 263 | 05 | 05.0 | 03.0 | 262 |
| 3.6 ,, | 24 | 05.6 | 02.8 | 307 | 18 | 05.9 | 00.8 | 308 | 02 | 05.0 | 04.7 | 098 | 04 | 06.3 | 02.5 | 079 | | | | | 01 | 01.0 | 01.0 | 170 |
| 4.5 ,, | 23 | 07.2 | 03.9 | 315 | 11 | 06.0 | 01.6 | 072 | | | | | 04 | 06.3 | 03.7 | 084 | | | | | | | | |
| 5.4 ,, | 19 | 06.8 | 03.4 | 303 | 01 | 04.0 | 04.0 | 030 | | | | | 03 | 06.0 | 02.4 | 079 | | | | | | | | |
| 6.0 ,, | 19 | 07.4 | 03.0 | 310 | 01 | 04.0 | 04.0 | 055 | | | | | 03 | 04.7 | 02.2 | 098 | | | | | | | | |
| 7.2 ,, | 14 | 07.4 | 02.8 | 306 | | | | | | | | | 03 | 04.0 | 02.6 | 123 | | | | | | | | |
| 9.0 ,, | 11 | 10.4 | 04.5 | 251 | | | | | | | | | 01 | 06.0 | 06.0 | 095 | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JUNE 1966.(JYAISTHA 11 - ASADHA 9,1888 SAKA)

| STATION | VERAVAL | | | | | | | | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 08.5 | 07.3 | 248 | 30 | 08.1 | 06.7 | 238 | 30 | 03.2 | 02.1 | 258 | 30 | 04.1 | 02.3 | 229 | 30 | 03.2 | 02.5 | 092 | 30 | 05.0 | 03.5 | 269 |
| .15 A.G.L. | 28 | 08.7 | 07.9 | 249 | 30 | 09.4 | 08.2 | 242 | 28 | 07.6 | 05.7 | 258 | 29 | 07.3 | 04.3 | 250 | 28 | 06.9 | 05.8 | 211 | 30 | 07.9 | 05.8 | 271 |
| .3A.M.S.L. | 28 | 09.3 | 08.3 | 251 | 30 | 10.0 | 08.5 | 248 | 28 | 09.3 | 07.2 | 267 | 29 | 07.0 | 04.7 | 257 | 28 | 08.1 | 07.1 | 219 | 30 | 08.4 | 06.2 | 268 |
| .6 ,, | 28 | 09.4 | 08.0 | 256 | 30 | 10.3 | 08.7 | 252 | 28 | 11.4 | 09.4 | 268 | 29 | 06.4 | 04.9 | 261 | 28 | 09.1 | 07.8 | 228 | 30 | 09.7 | 07.0 | 255 |
| .9 ,, | 26 | 09.4 | 08.0 | 256 | 28 | 09.3 | 07.8 | 254 | 28 | 11.9 | 10.3 | 277 | 29 | 07.0 | 06.2 | 276 | 28 | 09.0 | 07.9 | 244 | 30 | 10.4 | 08.1 | 255 |
| 1.5 ,, | 18 | 06.3 | 04.4 | 259 | 27 | 07.4 | 06.1 | 245 | 27 | 11.3 | 10.3 | 287 | 29 | 07.6 | 07.1 | 283 | 28 | 08.9 | 07.9 | 264 | 30 | 11.2 | 09.2 | 266 |
| 2.1 ,, | 18 | 05.1 | 03.1 | 243 | 18 | 05.4 | 03.4 | 244 | 23 | 10.2 | 09.4 | 281 | 27 | 09.3 | 07.9 | 287 | 26 | 08.3 | 07.4 | 280 | 30 | 10.1 | 07.9 | 277 |
| 3.0 ,, | 16 | 04.7 | 01.2 | 222 | 13 | 05.8 | 02.1 | 190 | 19 | 07.2 | 04.9 | 275 | 23 | 09.0 | 06.6 | 282 | 23 | 08.5 | 06.9 | 285 | 30 | 08.6 | 05.3 | 309 |
| 3.6 ,, | 14 | 04.8 | 01.6 | 176 | 04 | 05.2 | 04.5 | 132 | 15 | 07.4 | 04.2 | 291 | 16 | 08.3 | 06.2 | 271 | 14 | 06.2 | 04.8 | 293 | 30 | 08.4 | 03.2 | 324 |
| 4.5 ,, | 14 | 05.4 | 01.4 | 139 | 01 | 03.0 | 03.0 | 035 | 15 | 07.2 | 02.8 | 301 | 12 | 08.5 | 05.2 | 284 | 06 | 04.8 | 02.4 | 263 | 30 | 07.9 | 02.0 | 325 |
| 5.4 ,, | 13 | 05.4 | 01.4 | 041 | | | | | 11 | 06.6 | 04.6 | 287 | 08 | 06.3 | 04.0 | 294 | | | | | 30 | 07.2 | 01.9 | 317 |
| 6.0 ,, | 13 | 05.5 | 01.1 | 014 | | | | | 11 | 06.5 | 04.2 | 289 | 08 | 05.0 | 03.8 | 282 | | | | | 30 | 06.6 | 01.9 | 310 |
| 7.2 ,, | 12 | 05.7 | 01.5 | 355 | | | | | 05 | 05.0 | 01.2 | 278 | 05 | 05.0 | 03.0 | 252 | | | | | 30 | 06.1 | 00.4 | 016 |
| 9.0 ,, | 10 | 06.1 | 02.6 | 225 | | | | | 02 | 06.5 | 06.3 | 081 | 01 | 02.0 | 02.0 | 007 | | | | | 30 | 07.4 | 02.4 | 104 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.2 | 02.8 | 215 | 30 | 04.0 | 02.8 | 259 | 30 | 02.5 | 01.8 | 244 | | | | | | | | | | | | |
| .15 A.G.L. | 29 | 06.3 | 05.8 | 223 | 30 | 05.8 | 04.6 | 267 | 27 | 05.9 | 05.2 | 243 | | | | | | | | | | | | |
| .3A.M.S.L. | 29 | 06.7 | 06.1 | 236 | 30 | 05.9 | 04.4 | 265 | 27 | 06.6 | 06.0 | 241 | | | | | | | | | | | | |
| .6 ,, | 29 | 07.9 | 07.1 | 262 | 30 | 06.0 | 04.4 | 259 | 27 | 08.3 | 07.5 | 243 | | | | | | | | | | | | |
| .9 ,, | 26 | 08.7 | 08.5 | 281 | 30 | 06.5 | 05.0 | 259 | 27 | 08.0 | 07.1 | 253 | | | | | | | | | | | | |
| 1.5 ,, | 24 | 10.2 | 08.4 | 289 | 30 | 07.9 | 06.4 | 269 | 24 | 08.2 | 07.0 | 277 | | | | | | | | | | | | |
| 2.1 ,, | 23 | 09.0 | 06.7 | 285 | 30 | 08.8 | 06.5 | 277 | 21 | 07.6 | 06.0 | 284 | | | | | | | | | | | | |
| 3.0 ,, | 21 | 08.3 | 05.7 | 282 | 30 | 07.7 | 05.0 | 275 | 16 | 05.6 | 03.6 | 302 | | | | | | | | | | | | |
| 3.6 ,, | 16 | 07.4 | 04.7 | 267 | 30 | 08.1 | 04.5 | 276 | 07 | 05.1 | 03.0 | 294 | | | | | | | | | | | | |
| 4.5 ,, | 09 | 08.0 | 03.1 | 267 | 30 | 08.2 | 03.6 | 274 | 03 | 03.7 | 03.3 | 006 | | | | | | | | | | | | |
| 5.4 ,, | 05 | 06.0 | 03.1 | 155 | 30 | 08.6 | 02.5 | 284 | 01 | 06.0 | 06.0 | 099 | | | | | | | | | | | | |
| 6.0 ,, | 04 | 04.5 | 03.3 | 212 | 30 | 07.7 | 02.8 | 281 | 01 | 07.0 | 07.0 | 090 | | | | | | | | | | | | |
| 7.2 ,, | 03 | 03.7 | 00.2 | 315 | 30 | 06.9 | 01.0 | 292 | 01 | 01.0 | 01.0 | 090 | | | | | | | | | | | | |
| 9.0 ,, | 02 | 05.5 | 02.5 | 071 | 29 | 07.2 | 01.5 | 081 | | | | | | | | | | | | | | | | |

## UPPER WINDS

Winds above 9 Km. above sea level.

June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 10.5 | 3.4 | 226 |
| 12.0 | 28 | 11.8 | 3.4 | 167 |
| 14.1 | 21 | 14.4 | 6.9 | 158 |
| 16.2 | 13 | 12.7 | 9.0 | 106 |
| 18.0 | 6 | 17.7 | 16.8 | 081 |
| | | 1130 hr. | | |
| 10.5 | 2 | 15.0 | 14.8 | 235 |
| 12.0 | 1 | 13.0 | 13.0 | 215 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 10.6 | 3.5 | 214 |
| 12.0 | 28 | 13.2 | 4.5 | 128 |
| 14.1 | 21 | 17.6 | 7.8 | 105 |
| 16.2 | 15 | 17.1 | 13.7 | 102 |
| 18.0 | 7 | 14.3 | 12.5 | 100 |
| 21.0 | 3 | 17.7 | 17.7 | 085 |
| 24.0 | 2 | 23.5 | 23.5 | 085 |
| 27.0 | 1 | 18.0 | 18.0 | 085 |
| | | **ALLAHABAD/ BAMHRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 10.8 | 4.0 | 246 |
| 12.0 | 26 | 11.4 | 3.1 | 238 |
| 14.1 | 18 | 12.1 | 0.9 | 135 |
| 16.2 | 11 | 12.0 | 8.6 | 058 |
| 18.0 | 3 | 10.0 | 8.3 | 048 |
| 21.0 | 1 | 20.0 | 20.0 | 285 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 10.6 | 4.5 | 242 |
| 12.0 | 26 | 10.3 | 5.7 | 231 |
| 14.1 | 17 | 11.3 | 3.8 | 172 |
| 16.2 | 12 | 9.4 | 4.9 | 079 |
| 18.0 | 6 | 13.2 | 10.7 | 081 |
| 21.0 | 4 | 14.7 | 14.6 | 087 |
| | | **AMBALA** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 9.5 | 6.9 | 298 |
| 12.0 | 2 | 8.5 | 3.5 | 284 |
| 14.1 | 2 | 11.5 | 3.7 | 284 |
| 16.2 | 1 | 4.0 | 4.0 | 346 |
| 18.0 | 1 | 5.0 | 5.0 | 315 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 7.0 | 7.0 | 125 |
| 12.0 | 1 | 11.0 | 11.0 | 130 |
| 14.1 | 1 | 15.0 | 15.0 | 135 |
| 16.2 | 1 | 25.0 | 25.0 | 125 |
| 18.0 | 1 | 12.0 | 12.0 | 115 |
| 21.0 | 1 | 19.0 | 19.0 | 075 |
| | | **ASANSOL** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 5.0 | 4.3 | 252 |
| 12.0 | 1 | 3.0 | 3.0 | 135 |
| 14.1 | 1 | 7.0 | 7.0 | 200 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 9 | 12.9 | 12.4 | 088 |
| 12.0 | 9 | 20.9 | 20.1 | 082 |
| 14.1 | 7 | 29.7 | 28.7 | 087 |
| 16.2 | 4 | 31.7 | 31.4 | 090 |
| 18.0 | 3 | 23.7 | 23.7 | 094 |
| 21.0 | 3 | 18.3 | 18.1 | 089 |
| 24.0 | 1 | 18.0 | 18.0 | 065 |
| | | 1130 hr. | | |
| 10.5 | 3 | 8.0 | 6.9 | 081 |
| 12.0 | 3 | 12.0 | 10.2 | 088 |
| 14.1 | 2 | 25.0 | 23.5 | 090 |
| 16.2 | 1 | 33.0 | 33.0 | 078 |
| 18.0 | 1 | 22.0 | 22.0 | 080 |
| 21.0 | 1 | 23.0 | 23.0 | 105 |
| | | 1730 hr.● | | |
| 10.5 | 6 | 13.2 | 12.8 | 091 |
| 12.0 | 5 | 23.0 | 22.8 | 081 |
| 14.1 | 3 | 34.0 | 33.8 | 077 |
| 16.2 | 1 | 41.0 | 41.0 | 097 |
| 18.0 | 1 | 38.0 | 38.0 | 090 |
| | | **BAREILLY** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 16.0 | 11.9 | 228 |
| | | 1730 hr. | | |
| 10.5 | 4 | 6.7 | 3.3 | 032 |
| 12.0 | 4 | 11.5 | 3.7 | 089 |
| 14.1 | 2 | 13.5 | 12.1 | 078 |
| 16.2 | 1 | 13.0 | 13.0 | 035 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 8.0 | 8.0 | 145 |
| | | **BHOPAL/ RAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 9.3 | 9.0 | 213 |
| 12.0 | 5 | 11.4 | 11.4 | 205 |
| 14.1 | 4 | 9.3 | 9.0 | 213 |
| 16.2 | 3 | 12.7 | 11.7 | 182 |
| 18.0 | 3 | 11.0 | 9.3 | 150 |
| 21.0 | 3 | 14.7 | 14.6 | 072 |
| 24.0 | 1 | 10.0 | 10.0 | 075 |
| 27.0 | 1 | 9.0 | 9.0 | 130 |
| | | 1730 hr. | | |
| 10.5 | 5 | 11.2 | 3.7 | 165 |
| 12.0 | 4 | 13.0 | 3.7 | 167 |
| 14.1 | 3 | 13.0 | 13.0 | 185 |
| 16.2 | 1 | 11.0 | 11.0 | 115 |
| | | **BHUJ/ RUDRAMATA** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 9.0 | 9.0 | 245 |
| 12.0 | 1 | 14.0 | 14.0 | 228 |
| 14.1 | 1 | 15.0 | 15.0 | 225 |
| 16.2 | 1 | 15.0 | 15.0 | 192 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 6.5 | 4.2 | 095 |
| 12.0 | 30 | 11.1 | 9.4 | 103 |
| 14.1 | 27 | 17.5 | 15.6 | 102 |
| 16.2 | 18 | 25.1 | 22.8 | 098 |
| 18.0 | 10 | 26.9 | 26.1 | 086 |
| 21.0 | 5 | 24.2 | 24.2 | 087 |
| 24.0 | 2 | 22.0 | 21.7 | 074 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 8.2 | 6.5 | 097 |
| 12.0 | 29 | 11.9 | 10.5 | 098 |
| 14.1 | 20 | 21.0 | 18.4 | 106 |
| 16.2 | 13 | 28.6 | 26.5 | 101 |
| 18.0 | 12 | 29.7 | 28.4 | 094 |
| 21.0 | 7 | 21.4 | 21.1 | 091 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 6.7 | 1.7 | 117 |
| 12.0 | 29 | 7.4 | 4.0 | 106 |
| 14.1 | 25 | 6.7 | 5.0 | 093 |
| 16.2 | 25 | 11.3 | 9.8 | 077 |
| 18.0 | 17 | 14.3 | 12.9 | 092 |
| 21.0 | 2 | 12.5 | 11.5 | 083 |
| 24.0 | 1 | 12.0 | 12.0 | 037 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 7.0 | 2.4 | 037 |
| 12.0 | 29 | 5.6 | 2.3 | 099 |
| 14.1 | 28 | 7.3 | 4.5 | 102 |
| 16.2 | 26 | 11.8 | 10.7 | 079 |
| 18.0 | 13 | 14.5 | 13.4 | 089 |
| 21.0 | 3 | 16.7 | 16.0 | 106 |
| | | **DEHRADUN** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 4.0 | 4.0 | 050 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 6.5 | 6.5 | 075 |
| 12.0 | 2 | 13.0 | 11.0 | 097 |
| 14.1 | 2 | 18.0 | 17.8 | 100 |
| 16.2 | 2 | 27.5 | 25.5 | 110 |
| | | 1730 hr. | | |
| 10.5 | 1 | 15.0 | 15.0 | 093 |
| 12.0 | 1 | 21.0 | 21.0 | 098 |
| | | **GANGTOK** | | |
| | | 0530 hr. | | |
| 10.1 | 1 | 7.0 | 7.0 | 230 |
| | | **GA[illegible]** | | |
| | | 0530 hr.* | | |
| 10.5 | 15 | 8.8 | 5.0 | 212 |
| 12.0 | 14 | 8.5 | 3.0 | 259 |
| 14.1 | 12 | 9.0 | 4.0 | 011 |
| 16.2 | 8 | 11.2 | 9.9 | 038 |
| 18.0 | 7 | 14.5 | 13.8 | 069 |
| 21.0 | 2 | 19.0 | 18.8 | 094 |
| 24.0 | 1 | 25.0 | 25.0 | 100 |
| 27.0 | 1 | 29.0 | 29.0 | 085 |
| 30.0 | 1 | 32.0 | 32.0 | 105 |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **GAUHATI (CONTD.)** | | |
| | | 1130 hr. | | |
| 10.5 | 1 | 8.0 | 8.0 | 120 |
| | | 1730 hr. | | |
| 10.5 | 18 | 9.6 | 6.5 | 273 |
| 12.0 | 15 | 9.7 | 4.7 | 265 |
| 14.1 | 14 | 9.6 | 2.5 | 320 |
| 16.2 | 13 | 11.8 | 8.6 | 047 |
| 18.0 | 8 | 13.1 | 10.3 | 066 |
| 21.0 | 3 | 12.0 | 11.0 | 092 |
| | | **GAYA** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 5.0 | 5.0 | 004 |
| 12.0 | 1 | 2.0 | 2.0 | 238 |
| | | **GORAKHPUR** | | |
| | | 1730 hr. | | |
| 10.5 | 3 | 16.0 | 11.0 | 080 |
| 12.0 | 2 | 17.0 | 17.0 | 043 |
| | | **GWALIOR** | | |
| | | 0530 hr. | | |
| 10.5 | 5 | 13.6 | 7.9 | 241 |
| 12.0 | 5 | 16.4 | 7.8 | 212 |
| 14.1 | 3 | 13.3 | 5.3 | 081 |
| 16.2 | 3 | 15.7 | 7.0 | 063 |
| 18.0 | 2 | 21.0 | 20.5 | 060 |
| 21.0 | 1 | 30.0 | 30.0 | 055 |
| 24.0 | 1 | 62.0 | 62.0 | 070 |
| | | 1130 hr. | | |
| 10.5 | 3 | 22.7 | 22.6 | 247 |
| 12.0 | 1 | 19.0 | 19.0 | 230 |
| | | 1730 hr. | | |
| 10.5 | 2 | 20.0 | 19.4 | 256 |
| 12.0 | 2 | 19.0 | 19.0 | 233 |
| 14.1 | 2 | 18.5 | 18.4 | 227 |
| | | **JAGDALPUR** | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 22.6 | 17.0 | 266 |
| 12.0 | 2 | 26.0 | 25.8 | 264 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **JAIPUR/ SANGANER** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 6.0 | 5.9 | 085 |
| 12.0 | 1 | 11.0 | 11.0 | 070 |
| | | **JHARSUGUDA** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 10.0 | 10.0 | 185 |
| 12.0 | 1 | 9.0 | 9.0 | 190 |
| | | 1730 hr. | | |
| 10.5 | 4 | 7.3 | 3.8 | 185 |
| 12.0 | 4 | 8.5 | 6.4 | 147 |
| 14.1 | 2 | 13.0 | 13.0 | 135 |
| 16.2 | 2 | 9.5 | 9.5 | 083 |
| 18.0 | 2 | 9.5 | 9.5 | 080 |
| | | **JODHPUR** | | |
| | | 0530 hr.* | | |
| 10.5 | 25 | 14.3 | 10.1 | 247 |
| 12.0 | 23 | 15.3 | 10.0 | 235 |
| 14.1 | 19 | 15.3 | 4.8 | 202 |
| 16.2 | 16 | 13.4 | 5.2 | 090 |
| 18.0 | 6 | 15.3 | 15.0 | 082 |
| 21.0 | 1 | 17.0 | 17.0 | 075 |
| | | 1730 hr.* | | |
| 10.5 | 22 | 15.3 | 11.4 | 249 |
| 12.0 | 19 | 14.4 | 9.2 | 240 |
| 14.1 | 14 | 14.0 | 5.4 | 229 |
| 16.2 | 8 | 11.1 | 9.5 | 098 |
| 18.0 | 5 | 14.0 | 13.5 | 101 |
| | | **LUCKNOW/ AMAUSI** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 19.0 | 19.0 | 237 |
| | | 1730 hr. | | |
| 10.5 | 1 | 18.0 | 18.0 | 280 |
| | | **MADRAS/ MINAMBAKKAM** | | |
| | | 0530 hr. * | | |
| 10.5 | 30 | 10.5 | 9.8 | 088 |
| 12.0 | 30 | 18.1 | 17.6 | 085 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **MADRAS/ MINAMBAKKAM (CONTD.)** | | |
| | | 0530 hr.*(Contd.) | | |
| 14.1 | 26 | 27.7 | 26.7 | 077 |
| 16.2 | 15 | 30.1 | 29.1 | 092 |
| 18.0 | 9 | 22.1 | 21.2 | 094 |
| 21.0 | 1 | 28.0 | 28.0 | 070 |
| | | 1130 hr. | | |
| 10.5 | 1 | 17.0 | 17.0 | 094 |
| 12.0 | 1 | 18.0 | 18.0 | 077 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 10.3 | 9.6 | 096 |
| 12.0 | 30 | 18.3 | 17.3 | 084 |
| 14.1 | 26 | 26.6 | 25.7 | 083 |
| 16.2 | 16 | 31.8 | 31.5 | 090 |
| 18.0 | 9 | 24.6 | 24.3 | 087 |
| 21.0 | 2 | 24.5 | 24.5 | 090 |
| | | **MINICOY** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 10.0 | 10.0 | 090 |
| 12.0 | 1 | 29.0 | 29.0 | 095 |
| 14.1 | 1 | 43.0 | 43.0 | 085 |
| 16,2 | 1 | 14.0 | 14.0 | 105 |
| | | 1130 hr. | | |
| 10.5 | 3 | 16.0 | 16.0 | 092 |
| 12.0 | 2 | 25.0 | 25.0 | 097 |
| 14.1 | 1 | 37.0 | 37.0 | 085 |
| 16.2 | 1 | 44.0 | 44.0 | 080 |
| | | 1730 hr.* | | |
| 10.5 | 20 | 12.2 | 11.0 | 091 |
| 12.0 | 20 | 20.2 | 19.2 | 086 |
| 14.1 | 16 | 34.8 | 34.6 | 082 |
| 16.2 | 13 | 32.2 | 31.8 | 093 |
| 18.0 | 11 | 26.6 | 25.5 | 086 |
| 21.0 | 7 | 17.3 | 14.6 | 079 |
| 24.0 | 2 | 18.0 | 17.9 | 101 |
| | | **NAGPUR/ SONEGAON** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 6.9 | 2.4 | 101 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **NAGPUR (CONTD.) SONEGAON** | | |
| | | 0530 hr.*(Contd.) | | |
| 12.0 | 28 | 9.4 | 5.5 | 107 |
| 14.1 | 22 | 13.1 | 9.2 | 094 |
| 16.2 | 16 | 17.8 | 16.8 | 081 |
| 18.0 | 8 | 16.4 | 14.4 | 082 |
| 21.0 | 4 | 18.2 | 18.0 | 084 |
| 24.0 | 1 | 17.0 | 17.0 | 120 |
| | | 1130 hr. | | |
| 10.5 | 1 | 4.0 | 4.0 | 180 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 6.1 | 4.5 | 088 |
| 12.0 | 28 | 9.9 | 7.2 | 097 |
| 14.1 | 26 | 16.2 | 13.0 | 092 |
| 16.2 | 21 | 22.5 | 21.1 | 088 |
| 18.0 | 12 | 23.7 | 23.5 | 083 |
| 21.0 | 7 | 17.6 | 17.1 | 090 |
| 24.0 | 3 | 16.3 | 15.3 | 091 |
| | | **NEW DELHI/ SAFDARJUNG** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 16.2 | 10.7 | 258 |
| 12.0 | 30 | 16.6 | 9.2 | 256 |
| 14.1 | 30 | 16.2 | 8.3 | 251 |
| 16.2 | 27 | 12.3 | 1.3 | 341 |
| 18.0 | 26 | 10.6 | 8.0 | 076 |
| 21.0 | 17 | 13.6 | 13.4 | 085 |
| 24.0 | 12 | 15.4 | 15.0 | 091 |
| 27.0 | 6 | 14.0 | 14.0 | 094 |
| 30.0 | 1 | 10.0 | 10.0 | 095 |
| 33.0 | 1 | 9.0 | 9.0 | 085 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 16.7 | 12.8 | 257 |
| 12.0 | 27 | 15.1 | 9.8 | 250 |
| 14.1 | 27 | 12.8 | 4.6 | 248 |
| 16.2 | 25 | 12.5 | 2.9 | 233 |
| 18.0 | 22 | 10.2 | 8.1 | 098 |
| 21.0 | 13 | 12.0 | 8.8 | 091 |
| 24.0 | 6 | 13.5 | 13.4 | 089 |
| 27.0 | 1 | 9.0 | 9.0 | 090 |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES

## OF UPPER WINDS

Winds above 9 km. above sea level.

June 1966 (Jyaistha 11 - Asadha 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **POONA** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 6.0 | 6.0 | 115 |
| 12.0 | 1 | 12.0 | 12.0 | 130 |
| | | **PORT BLAIR** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 18.1 | 17.8 | 073 |
| 12.0 | 28 | 24.4 | 23.6 | 067 |
| 14.1 | 25 | 29.6 | 28.6 | 071 |
| 16.2 | 20 | 33.5 | 33.0 | 073 |
| 18.0 | 16 | 25.5 | 25.1 | 085 |
| 21.0 | 5 | 27.4 | 26.6 | 078 |
| 24.0 | 2 | 22.5 | 22.3 | 095 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 16.0 | 15.3 | 069 |
| 12.0 | 27 | 21.7 | 20.9 | 069 |
| 14.1 | 27 | 31.6 | 30.7 | 079 |
| 16.2 | 15 | 33.7 | 33.0 | 074 |
| 18.0 | 10 | 24.8 | 24.3 | 080 |
| 21.0 | 6 | 20.8 | 20.2 | 088 |
| 24.0 | 2 | 11.0 | 10.3 | 053 |
| | | **RAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 4.5 | 4.5 | 205 |
| 12.0 | 1 | 6.0 | 6.0 | 155 |
| 14.1 | 1 | 13.0 | 13.0 | 135 |
| | | 1730 hr. | | |
| 10.5 | 1 | 5.0 | 5.0 | 300 |
| 12.0 | 1 | 8.0 | 8.0 | 015 |
| | | **RAXAUL** | | |
| | | 1730 hr. | | |
| 10.5 | 3 | 12.0 | 5.4 | 014 |
| 12.0 | 2 | 8.5 | 2.9 | 002 |
| 14.1 | 2 | 6.5 | 5.4 | 085 |
| 16.2 | 1 | 19.0 | 19.0 | 070 |
| 18.0 | 1 | 22.0 | 22.0 | 060 |
| | | **SRINAGAR** | | |
| | | 0530 hr.* | | |
| 10.5 | 24 | 19.3 | 17.7 | 275 |
| 12.0 | 24 | 25.3 | 22.9 | 265 |
| 14.1 | 17 | 20.8 | 18.3 | 274 |
| 16.2 | 3 | 13.3 | 11.3 | 288 |
| | | **SRINAGAR (CONTD.)** | | |
| | | 0530 hr.*(Contd.) | | |
| | | 1730 hr.* | | |
| 10.5 | 26 | 17.1 | 14.4 | 273 |
| 12.0 | 26 | 22.3 | 18.3 | 268 |
| 14.1 | 11 | 21.3 | 18.4 | 274 |
| | | **TRIVANDRUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 15 | 12.9 | 9.8 | 100 |
| 12.0 | 15 | 25.8 | 22.5 | 092 |
| 14.1 | 12 | 32.2 | 31.8 | 079 |
| 16.2 | 8 | 32.1 | 31.9 | 085 |
| 18.0 | 2 | 14.0 | 13.9 | 079 |
| 21.0 | 1 | 24.0 | 24.0 | 095 |
| | | 1730 hr.* | | |
| 10.5 | 19 | 14.4 | 13.3 | 090 |
| 12.0 | 17 | 23.2 | 22.6 | 082 |
| 14.1 | 15 | 31.4 | 31.3 | 078 |
| 16.2 | 12 | 30.7 | 30.2 | 085 |
| 18.0 | 9 | 24.2 | 23.3 | 080 |
| 21.0 | 3 | 19.0 | 14.4 | 057 |
| | | **UDAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 13.8 | 11.5 | 254 |
| 12.0 | 5 | 14.4 | 12.3 | 239 |
| 14.1 | 2 | 21.0 | 7.1 | 221 |
| | | 1730 hr. | | |
| 10.5 | 9 | 14.2 | 6.0 | 255 |
| 12.0 | 4 | 19.3 | 5.7 | 228 |
| 14.1 | 1 | 21.0 | 21.0 | 080 |
| | | **VERAVAL** | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 8.8 | 4.2 | 204 |
| | | **VIJAYWADA/ GANNAVARAM** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 6.0 | 6.0 | 095 |
| 10.5 | 28 | 7.3 | 3.3 | 085 |
| 12.0 | 28 | 10.5 | 6.5 | 092 |
| 14.1 | 21 | 14.5 | 9.2 | 091 |
| 16.2 | 12 | 15.6 | 11.8 | 081 |
| 18.0 | 4 | 19.0 | 15.5 | 078 |
| | | 1130 hr. | | |
| 10.5 | 2 | 7.0 | 2.2 | 099 |
| 12.0 | 2 | 5.0 | 4.6 | 069 |
| 14.1 | 1 | 9.0 | 9.0 | 093 |
| 16.2 | 1 | 13.0 | 13.0 | 072 |
| 18.0 | 1 | 6.0 | 6.0 | 070 |
| 21.0 | 1 | 20.0 | 20.0 | 130 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 8.5 | 3.2 | 108 |
| 12.0 | 28 | 12.0 | 8.3 | 091 |
| 14.1 | 18 | 14.1 | 7.6 | 103 |
| 16.2 | 11 | 16.5 | 8.0 | 102 |
| 18.0 | 1 | 18.0 | 18.0 | 075 |
| | | **VISHAKHAPATNAM** | | |
| | | 0530 hr.* | | |

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 15 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I. M. D. Scientific Notes Nos. : 112 and 113 (Volume IX).

### List of Radiosonde Stations in India

| S.No. | Name of Station | Type of instrument used | Date of Starting | Hours of routine observations in G.M.T. during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Allahabad/Bamrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947. |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| 8. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 9. | Minicoy | Fan type | 12th May. 1963 | 12 | |
| 10. | Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 11. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 12. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 13. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 14. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 15. | Visakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(▲) FROM ASCENTS AT 00 HRS G.M.T.

JUNE 1966.(JYAISTHA 11 - ASADHA 9.1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 996 MB) | | | | | | ALLAHABAD/BAMRAULI ( 987 MB) | | | | | | BANGALORE ( 908 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00055 | 301.0 | 304 | 298 | 296.7 | 30 | 00098 | 302.2 | 307 | 298 | 294.2 | 30 | 00921 | 293.7 | 298 | 292 | 292.4 |
| 1000 | 30 | 00015 | | | | | 29 | 00015 | | | | | 30 | 00082 | | | | |
| 900 | 30 | 00944 | 297.5 | 307 | 294 | 289.5 | 29 | 00921 | 301.4 | 310 | 293 | 289.9 | 30 | 01000 | 293.6 | 297 | 291 | 292.2 |
| 850 | 30 | 01445 | 295.0 | 303 | 291 | 286.7 | 29 | 01426 | 298.6 | 307 | 291 | 287.9 | 30 | 01490 | 292.0 | 295 | 289 | 289.6 |
| 800 | 30 | 01970 | 292.5 | 299 | 288 | 283.7 | 29 | 01954 | 295.1 | 303 | 289 | 285.4 | 30 | 02009 | 290.5 | 294 | 288 | 286.4 |
| 700 | 30 | 03117 | 287.3 | 292 | 282 | 276.2 | 29 | 03095 | 287.2 | 291 | 282 | 279.0 | 30 | 03137 | 284.7 | 288 | 282 | 280.2 |
| 600 | 30 | 04394 | 279.0 | 283 | 276 | 268.0 | 29 | 04374 | 279.2 | 283 | 275 | 270.4 | 30 | 04409 | 277.3 | 283 | 274 | 272.6 |
| 500 | 30 | 05863 | 269.9 | 275 | 264 | 264.8 | 29 | 05842 | 270.7 | 277 | 266 | | 30 | 05873 | 269.3 | 275 | 266 | 266.7 |
| 400 | 29 | 07605 | 261.3 | 265 | 254 | | 29 | 07586 | 261.6 | 268 | 257 | | 30 | 07603 | 259.5 | 264 | 254 | |
| 300 | 28 | 09760 | 248.1 | 253 | 238 | | 28 | 09734 | 247.8 | 255 | 242 | | 30 | 09729 | 244.4 | 253 | 239 | |
| 250 | 28 | 11064 | 239.1 | 244 | 227 | | 28 | 11030 | 239.4 | 249 | 233 | | 30 | 11011 | 235.3 | 243 | 228 | |
| 200 | 28 | 12556 | 228.0 | 233 | 212 | | 27 | 12564 | 228.6 | 238 | 221 | | 30 | 12515 | 224.0 | 233 | 217 | |
| 175 | 27 | 13488 | 222.4 | 228 | 215 | | 25 | 13455 | 221.7 | 230 | 214 | | 26 | 13363 | 218.3 | 228 | 210 | |
| 150 | 27 | 14472 | 214.9 | 221 | 208 | | 24 | 14433 | 215.0 | 223 | 203 | | 26 | 14359 | 211.5 | 224 | 201 | |
| 125 | 23 | 15615 | 208.5 | 215 | 202 | | 22 | 15573 | 208.5 | 218 | 198 | | 25 | 15451 | 204.1 | 217 | 192 | |
| 100 | 19 | 16982 | 201.7 | 209 | 196 | | 21 | 16919 | 203.2 | 213 | 190 | | 24 | 16792 | 199.0 | 210 | 190 | |
| 80 | 14 | 18297 | 202.8 | 211 | 197 | | 15 | 18229 | 203.3 | 220 | 197 | | 22 | 18148 | 200.0 | 205 | 191 | |
| 70 | 10 | 19123 | 207.2 | 215 | 197 | | 13 | 19016 | 206.2 | 225 | 197 | | 22 | 18929 | 202.8 | 209 | 193 | |
| 60 | 08 | 20066 | 212.9 | 221 | 199 | | 12 | 19973 | 210.2 | 229 | 198 | | 20 | 19913 | 204.8 | 213 | 195 | |
| 50 | 07 | 21207 | 218.0 | 227 | 206 | | 05 | 21226 | 214.8 | 222 | 201 | | 19 | 20944 | 208.7 | 219 | 199 | |
| 40 | 05 | 22661 | 224.0. | 232 | 215 | | | | | | | | 13 | 22372 | 214.1 | 223 | 209 | |
| 30 | | | | | | | | | | | | | 09 | 24221 | 219.3 | 227 | 211 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1003 MB) | | | | | | CALCUTTA/DUM DUM ( 999 MB) | | | | | | GAUHATI ( 996 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00013 | 300.6 | 302 | 298 | 297.8 | 30 | 00006 | 300.2 | 303 | 298 | 298.6 | 30 | 00049 | 297.9 | 300 | 295 | 296.6 |
| 1000 | 30 | 00036 | 300.4 | 302 | 297 | 297.7 | 30 | 00006 | 300.6 | 302 | 299 | 299.0 | 30 | 00017 | | | | |
| 900 | 30 | 00963 | 294.6 | 297 | 291 | 293.0 | 30 | 00924 | 297.5 | 305 | 295 | 293.3 | 30 | 00937 | 295.0 | 299 | 292 | 292.6 |
| 850 | 30 | 01458 | 292.2 | 295 | 289 | 289.2 | 30 | 01425 | 295.7 | 303 | 291 | 290.6 | 30 | 01433 | 292.9 | 297 | 290 | 289.9 |
| 800 | 30 | 01978 | 290.2 | 295 | 285 | 285.7 | 30 | 01952 | 293.3 | 301 | 289 | 288.2 | 30 | 01955 | 290.5 | 295 | 288 | 288.1 |
| 700 | 30 | 03107 | 284.9 | 288 | 281 | 277.3 | 30 | 03096 | 287.0 | 295 | 284 | 282.2 | 30 | 03086 | 285.1 | 292 | 278 | 282.5 |
| 600 | 30 | 04384 | 277.6 | 283 | 273 | 271.4 | 30 | 04382 | 279.7 | 284 | 275 | 275.7 | 30 | 04364 | 278.7 | 283 | 274 | 275.3 |
| 500 | 30 | 05850 | 269.1 | 275 | 263 | 265.8 | 30 | 05859 | 271.7 | 275 | 267 | 268.1 | 29 | 05837 | 271.5 | 275 | 266 | 268.8 |
| 400 | 30 | 07579 | 259.2 | 265 | 255 | | 29 | 07612 | 262.5 | 266 | 255 | | 28 | 07586 | 262.7 | 268 | 254 | |
| 300 | 30 | 09710 | 245.1 | 251 | 239 | | 29 | 09774 | 249.3 | 256 | 240 | | 28 | 09749 | 249.3 | 254 | 237 | |
| 250 | 30 | 10997 | 236.3 | 243 | 229 | | 28 | 11083 | 240.3 | 245 | 231 | | 25 | 11102 | 240.1 | 245 | 223 | |
| 200 | 30 | 12505 | 224.2 | 231 | 219 | | 28 | 12620 | 228.9 | 238 | 219 | | 24 | 12613 | 231.0 | 237 | 223 | |
| 175 | 27 | 13362 | 217.5 | 227 | 213 | | 27 | 13507 | 222.4 | 229 | 213 | | 23 | 13497 | 224.0 | 232 | 215 | |
| 150 | 26 | 14334 | 211.1 | 223 | 203 | | 27 | 14496 | 215.9 | 223 | 205 | | 23 | 14501 | 215.4 | 225 | 208 | |
| 125 | 24 | 15431 | 204.2 | 220 | 196 | | 27 | 15627 | 208.2 | 217 | 196 | | 21 | 15628 | 210.8 | 217 | 199 | |
| 100 | 21 | 16759 | 198.9 | 217 | 193 | | 27 | 16973 | 202.3 | 215 | 192 | | 19 | 17001 | 203.8 | 211 | 197 | |
| 80 | 13 | 18014 | 198.8 | 204 | 191 | | 18 | 18296 | 208.7 | 219 | 193 | | 17 | 18342 | 203.2 | 213 | 195 | |
| 70 | 10 | 18820 | 202.0 | 209 | 193 | | 13 | 19081 | 203.7 | 216 | 196 | | 14 | 19107 | 207.1 | 227 | 201 | |
| 60 | 09 | 19655 | 207.0 | 212 | 200 | | | | | | | | 10 | 20016 | 209.9 | 218 | 205 | |
| 50 | 09 | 20840 | 211.4 | 216 | 208 | | | | | | | | 09 | 21122 | 215.8 | 223 | 208 | |
| 40 | | | | | | | | | | | | | 07 | 22558 | 217.4 | 225 | 211 | |
| 30 | | | | | | | | | | | | | 06 | 24353 | 220.7 | 225 | 217 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 972 MB) | | | | | | MADRAS/MINAMBAKKAM ( 1003 MB) | | | | | | NAGPUR/SONEGAON ( 967 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00217 | 303.0 | 307 | 299 | 293.4 | 30 | 00015 | 300.3 | 302 | 297 | 296.6 | 30 | 00311 | 300.7 | 305 | 296 | 293.7 |
| 1000 | 29 | 00030 | | | | | 30 | 00045 | 300.2 | 302 | 295 | 296.2 | 30 | 00011 | | | | |
| 900 | 29 | 00903 | 299.9 | 308 | 295 | 288.9 | 30 | 00973 | 296.8 | 302 | 292 | 290.0 | 30 | 00944 | 297.7 | 305 | 292 | 291.0 |
| 850 | 29 | 01405 | 297.3 | 305 | 292 | 285.4 | 30 | 01468 | 294.0 | 298 | 291 | 287.6 | 30 | 01445 | 295.5 | 301 | 291 | 289.2 |
| 800 | 29 | 01932 | 295.2 | 302 | 291 | 282.9 | 30 | 01995 | 290.4 | 293 | 287 | 295.7 | 30 | 01971 | 292.0 | 297 | 287 | 286.6 |
| 700 | 29 | 03075 | 288.3 | 293 | 284 | 276.3 | 30 | 03123 | 283.3 | 287 | 281 | 278.7 | 30 | 03107 | 284.2 | 289 | 280 | 280.4 |
| 600 | 26 | 04362 | 278.8 | 284 | 273 | 276.0 | 30 | 04390 | 276.4 | 281 | 271 | 272.4 | 30 | 04376 | 275.9 | 281 | 272 | 270.7 |
| 500 | 26 | 05826 | 268.6 | 275 | 263 | | 30 | 05848 | 267.8 | 273 | 264 | | 30 | 05832 | 267.9 | 274 | 261 | |
| 400 | 25 | 07559 | 260.3 | 267 | 253 | | 30 | 07569 | 257.7 | 261 | 254 | | 30 | 07564 | 257.9 | 264 | 251 | |
| 300 | 25 | 09700 | 247.6 | 253 | 241 | | 30 | 09686 | 242.8 | 249 | 239 | | 29 | 09677 | 244.1 | 251 | 238 | |
| 250 | 23 | 11012 | 239.3 | 245 | 233 | | 29 | 10963 | 234.2 | 239 | 230 | | 28 | 10958 | 235.1 | 245 | 229 | |
| 200 | 24 | 12535 | 228.1 | 237 | 221 | | 29 | 12454 | 221.3 | 227 | 217 | | 28 | 12459 | 223.3 | 230 | 215 | |
| 175 | 20 | 13424 | 221.8 | 231 | 213 | | 27 | 13309 | 215.9 | 221 | 211 | | 25 | 13313 | 217.3 | 223 | 210 | |
| 150 | 18 | 14432 | 216.0 | 225 | 209 | | 27 | 14280 | 209.5 | 217 | 202 | | 24 | 14394 | 211.0 | 216 | 206 | |
| 125 | 17 | 15564 | 209.3 | 216 | 201 | | 24 | 14947 | 203.0 | 209 | 198 | | 20 | 15380 | 204.5 | 209 | 199 | |
| 100 | 16 | 16912 | 204.3 | 212 | 194 | | 22 | 16678 | 198.0 | 213 | 191 | | 19 | 16707 | 200.0 | 206 | 193 | |
| 80 | 11 | 18252 | 204.7 | 211 | 197 | | 18 | 17955 | 199.4 | 209 | 193 | | 13 | 17999 | 201.2 | 209 | 197 | |
| 70 | 10 | 19092 | 209.4 | 217 | 203 | | 18 | 18749 | 203.7 | 215 | 197 | | 11 | 18818 | 204.9 | 213 | 198 | |
| 60 | 09 | 20001 | 215.5 | 223 | 212 | | 14 | 19665 | 208.1 | 217 | 199 | | 10 | 19607 | 210.3 | 220 | 203 | |
| 50 | 08 | 21279 | 219.9 | 225 | 213 | | 12 | 20808 | 214.0 | 222 | 200 | | 10 | 20863 | 214.0 | 228 | 201 | |
| 40 | | | | | | | | | | | | | 05 | 22182 | 218.6 | 224 | 213 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

JUNE 1966.(JYAISTHA 11 - ASADHA 9.1888 SAKA)

| STANDARD PRESSURE SURFACE | NEW DELHI/SAFDARJUNG SURFACE PR ( 975 MB) | | | | | | PORT BLAIR ( 999 MB) | | | | | | SRINAGAR ( 836 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00209 | 301.4 | 307 | 298 | 293.7 | 30 | 00079 | 299.2 | 301 | 297 | 298.4 | 28 | 01588 | 291.3 | 297 | 284 | 288.6 |
| 1000 | 30 | 00016 | | | | | 29 | 00073 | 299.2 | 301 | 298 | 297.4 | 28 | 00055 | | | | |
| 900 | 30 | 00920 | 300.8 | 309 | 295 | 287.6 | 29 | 00997 | 294.7 | 298 | 293 | 291.5 | 28 | 00959 | | | | |
| 850 | 30 | 01423 | 297.9 | 307 | 293 | 284.9 | 29 | 01492 | 292.5 | 295 | 290 | 288.3 | 28 | 01449 | | | | |
| 800 | 30 | 01954 | 294.1 | 302 | 289 | 282.8 | 29 | 02013 | 291.1 | 293 | 288 | 285.2 | 28 | 01967 | 294.5 | 295 | 283 | 284.6 |
| 700 | 30 | 03090 | 285.9 | 290 | 279 | 277.0 | 29 | 03143 | 284.7 | 289 | 281 | 278.0 | 28 | 03097 | 285.1 | 291 | 278 | 277.6 |
| 600 | 30 | 04364 | 277.2 | 282 | 270 | 270.6 | 29 | 04419 | 277.8 | 282 | 274 | 271.4 | 28 | 04368 | 276.8 | 283 | 270 | 262.1 |
| 500 | 30 | 05826 | 269.0 | 275 | 263 | | 29 | 05884 | 269.5 | 276 | 264 | | 28 | 05823 | 267.1 | 277 | 259 | |
| 400 | 30 | 07556 | 260.2 | 265 | 251 | | 29 | 07619 | 259.9 | 266 | 254 | | 28 | 07581 | 257.0 | 267 | 246 | |
| 300 | 30 | 09700 | 247.7 | 253 | 235 | | 29 | 09752 | 245.4 | 252 | 240 | | 26 | 09653 | 243.2 | 254 | 233 | |
| 250 | 30 | 11003 | 239.4 | 245 | 224 | | 28 | 11040 | 237.1 | 242 | 232 | | 24 | 10949 | 237.6 | 246 | 227 | |
| 200 | 30 | 12538 | 229.3 | 234 | 219 | | 28 | 12555 | 225.0 | 232 | 219 | | 23 | 12342 | 228.9 | 237 | 223 | |
| 175 | 30 | 13417 | 223.2 | 228 | 215 | | 26 | 13433 | 219.3 | 226 | 212 | | 23 | 13350 | 224.4 | 235 | 217 | |
| 150 | 30 | 14416 | 216.2 | 224 | 207 | | 23 | 14402 | 212.9 | 218 | 206 | | 23 | 14351 | 218.8 | 230 | 210 | |
| 125 | 27 | 15562 | 209.8 | 219 | 203 | | 21 | 15519 | 206.3 | 213 | 197 | | 18 | 15500 | 212.7 | 220 | 204 | |
| 100 | 24 | 16912 | 204.2 | 212 | 196 | | 19 | 16855 | 202.9 | 213 | 198 | | 13 | 16833 | 207.8 | 217 | 198 | |
| 80 | 24 | 18242 | 208.0 | 212 | 195 | | 16 | 18164 | 197.9 | 226 | 196 | | 08 | 18162 | 210.5 | 219 | 205 | |
| 70 | 18 | 19080 | 206.5 | 218 | 198 | | 13 | 18949 | 208.5 | 219 | 198 | | 07 | 18943 | 212.7 | 219 | 209 | |
| 60 | 17 | 19983 | 212.4 | 224 | 207 | | 11 | 19902 | 211.9 | 221 | 204 | | 05 | 19966 | 216.2 | 222 | 209 | |
| 50 | 15 | 21084 | 218.8 | 227 | 215 | | 09 | 21098 | 216.1 | 228 | 209 | | 05 | 21128 | 218.6 | 226 | 210 | |
| 40 | 14 | 22646 | 223.8 | 233 | 217 | | | | | | | | | | | | | |
| 30 | 11 | 24560 | 229.3 | 236 | 224 | | | | | | | | | | | | | |
| 20 | 05 | 27255 | 234.2 | 237 | 231 | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | TRIVANDRUM SURFACE PR ( 1003 MB) | | | | | | VISHAKHAPATNAM ( 998 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00064 | 298.0 | 299 | 296 | 296.6 | 30 | 00041 | 301.0 | 303 | 299 | 297.8 | | | | | | |
| 1000 | 28 | 00080 | 298.0 | 299 | 297 | 296.2 | 30 | 00022 | 302.0 | 303 | 301 | 299.4 | | | | | | |
| 900 | 28 | 00999 | 292.7 | 297 | 289 | 290.9 | 30 | 00953 | 296.6 | 301 | 293 | 291.8 | | | | | | |
| 850 | 28 | 01491 | 290.4 | 295 | 286 | 287.9 | 30 | 01452 | 294.2 | 299 | 291 | 289.5 | | | | | | |
| 800 | 28 | 02008 | 288.0 | 291 | 285 | 284.1 | 30 | 01972 | 291.2 | 297 | 288 | 287.1 | | | | | | |
| 700 | 28 | 03131 | 283.1 | 286 | 279 | 277.5 | 30 | 03106 | 284.4 | 291 | 279 | 280.7 | | | | | | |
| 600 | 27 | 04398 | 275.7 | 281 | 272 | 271.3 | 30 | 04378 | 277.0 | 285 | 271 | 274.2 | | | | | | |
| 500 | 26 | 05853 | 267.0 | 272 | 265 | | 30 | 05841 | 269.2 | 275 | 265 | | | | | | | |
| 400 | 25 | 07568 | 256.6 | 262 | 253 | | 30 | 07574 | 258.9 | 265 | 254 | | | | | | | |
| 300 | 24 | 09676 | 241.4 | 247 | 236 | | 30 | 09700 | 244.4 | 250 | 239 | | | | | | | |
| 250 | 24 | 10942 | 232.0 | 236 | 227 | | 29 | 10987 | 236.1 | 243 | 231 | | | | | | | |
| 200 | 24 | 12423 | 220.1 | 230 | 213 | | 29 | 12497 | 225.1 | 233 | 219 | | | | | | | |
| 175 | 21 | 13247 | 214.1 | 224 | 208 | | 25 | 13352 | 219.4 | 228 | 213 | | | | | | | |
| 150 | 21 | 14223 | 207.6 | 219 | 202 | | 25 | 14347 | 213.4 | 223 | 207 | | | | | | | |
| 125 | 16 | 15311 | 201.4 | 213 | 194 | | 22 | 15460 | 207.5 | 215 | 202 | | | | | | | |
| 100 | 10 | 16635 | 197.6 | 207 | 192 | | 17 | 16843 | 201.2 | 208 | 195 | | | | | | | |
| 80 | 06 | 17979 | 202.0 | 212 | 191 | | 13 | 18186 | 204.2 | 212 | 197 | | | | | | | |
| 70 | 06 | 18755 | 204.5 | 217 | 193 | | 12 | 18994 | 206.8 | 215 | 197 | | | | | | | |
| 60 | | | | | | | 10 | 19921 | 209.8 | 219 | 201 | | | | | | | |
| 50 | | | | | | | 08 | 21024 | 214.1 | 219 | 210 | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

JUNE 1966.(JYAISTHA 11 - ASADHA 9.1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 993 MB) | | | | | | ALLAHABAD/BAMRAULI ( 985 MB) | | | | | | BANGALORE ( 906 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00055 | 309.5 | 316 | 300 | 295.1 | 30 | 00098 | 310.1 | 329 | 298 | 292.5 | 30 | 00921 | 301.6 | 305 | 295 | 292.8 |
| 1000 | 30 | 00005 | | | | | 29 | 00038 | | | | | 30 | 00043 | | | | |
| 900 | 30 | 00943 | 302.3 | 309 | 296 | 289.7 | 29 | 00915 | 304.7 | 314 | 297 | 288.8 | 30 | 00982 | 300.7 | 305 | 295 | 292.2 |
| 850 | 30 | 01449 | 299.2 | 305 | 293 | 287.2 | 29 | 01425 | 301.3 | 310 | 292 | 286.4 | 30 | 01486 | 297.2 | 300 | 293 | 290.0 |
| 800 | 30 | 01970 | 295.1 | 302 | 291 | 285.4 | 29 | 01958 | 297.6 | 306 | 290 | 284.5 | 30 | 02011 | 292.8 | 297 | 289 | 287.7 |
| 700 | 30 | 03125 | 288.3 | 294 | 283 | 276.9 | 29 | 03105 | 289.0 | 295 | 284 | 278.5 | 30 | 03143 | 284.4 | 287 | 281 | 281.3 |
| 600 | 30 | 04414 | 280.2 | 284 | 273 | 268.4 | 29 | 04396 | 280.1 | 284 | 275 | 271.4 | 30 | 04414 | 277.6 | 281 | 273 | 273.0 |
| 500 | 29 | 05890 | 271.2 | 276 | 262 | 262.3 | 29 | 05874 | 272.3 | 277 | 266 | 265.7 | 30 | 05880 | 269.9 | 273 | 267 | 262.2 |
| 400 | 29 | 07639 | 262.6 | 268 | 258 | | 29 | 07625 | 262.9 | 269 | 257 | | 30 | 07612 | 258.9 | 264 | 251 | |
| 300 | 28 | 09803 | 248.9 | 256 | 244 | | 29 | 09792 | 248.9 | 255 | 243 | | 30 | 09742 | 244.6 | 249 | 240 | |
| 250 | 28 | 11120 | 239.4 | 248 | 230 | | 29 | 11104 | 240.8 | 248 | 231 | | 30 | 11028 | 236.1 | 242 | 230 | |
| 200 | 28 | 12644 | 228.0 | 241 | 217 | | 28 | 12646 | 228.6 | 237 | 220 | | 30 | 12555 | 224.6 | 233 | 219 | |
| 175 | 26 | 13530 | 221.9 | 231 | 211 | | 28 | 13537 | 222.7 | 233 | 214 | | 25 | 13426 | 219.0 | 226 | 213 | |
| 150 | 26 | 14518 | 215.4 | 224 | 204 | | 26 | 14524 | 216.2 | 224 | 208 | | 25 | 14406 | 212.9 | 219 | 207 | |
| 125 | 25 | 15649 | 208.0 | 217 | 192 | | 24 | 15651 | 208.3 | 217 | 196 | | 25 | 15515 | 206.2 | 212 | 202 | |
| 100 | 20 | 16983 | 201.7 | 214 | 192 | | 21 | 16983 | 202.6 | 211 | 192 | | 22 | 16885 | 200.6 | 206 | 194 | |
| 80 | 16 | 18274 | 201.5 | 209 | 194 | | 19 | 18278 | 203.6 | 216 | 193 | | 20 | 18262 | 202.0 | 213 | 195 | |
| 70 | 14 | 19109 | 207.3 | 214 | 202 | | 18 | 19175 | 207.2 | 223 | 197 | | 20 | 18928 | 205.8 | 216 | 196 | |
| 60 | 12 | 20014 | 212.3 | 219 | 206 | | 13 | 20058 | 209.8 | 219 | 199 | | 19 | 19977 | 209.0 | 223 | 200 | |
| 50 | 09 | 21148 | 218.0 | 224 | 209 | | 11 | 21185 | 213.5 | 222 | 203 | | 18 | 21041 | 212.6 | 222 | 203 | |
| 40 | 06 | 22688 | 221.2 | 227 | 214 | | 06 | 22580 | 218.2 | 225 | 208 | | 14 | 22456 | 217.3 | 225 | 206 | |
| 30 | 05 | 24500 | 224.2 | 228 | 218 | | | | | | | | 08 | 24306 | 221.1 | 225 | 217 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1003 MB) | | | | | | CALCUTTA/DUM DUM ( 997 MB) | | | | | | GAUHATI ( 994 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00013 | 303.2 | 305 | 299 | 297.9 | 30 | 00006 | 302.9 | 309 | 297 | 299.1 | 30 | 00049 | 301.0 | 304 | 297 | 297.8 |
| 1000 | 30 | 00031 | 302.6 | 305 | 299 | 297.9 | 29 | 00020 | 304.7 | 309 | 301 | 298.2 | 30 | 00004 | | | | |
| 900 | 30 | 00966 | 296.2 | 301 | 292 | 291.1 | 29 | 00917 | 298.6 | 307 | 297 | 294.3 | 30 | 00925 | 297.4 | 300 | 294 | 293.6 |
| 850 | 30 | 01459 | 294.0 | 300 | 289 | 288.2 | 29 | 01420 | 296.5 | 305 | 292 | 291.7 | 30 | 01425 | 295.4 | 298 | 291 | 291.2 |
| 800 | 30 | 01982 | 291.1 | 297 | 286 | 285.5 | 29 | 01949 | 293.8 | 303 | 289 | 288.2 | 30 | 01950 | 293.7 | 297 | 287 | 288.6 |
| 700 | 30 | 03115 | 285.7 | 291 | 277 | 278.5 | 29 | 03094 | 287.7 | 293 | 283 | 281.4 | 30 | 03081 | 286.3 | 289 | 281 | 282.7 |
| 600 | 30 | 04393 | 278.1 | 281 | 274 | 272.5 | 29 | 04383 | 280.2 | 283 | 276 | 274.9 | 30 | 04371 | 280.2 | 283 | 276 | 275.1 |
| 500 | 29 | 05855 | 270.1 | 275 | 266 | | 29 | 05865 | 272.4 | 275 | 267 | 268.1 | 30 | 05854 | 273.2 | 278 | 268 | 270.5 |
| 400 | 30 | 07590 | 260.3 | 267 | 255 | | 29 | 07618 | 262.8 | 266 | 259 | | 30 | 07614 | 263.8 | 269 | 257 | |
| 300 | 30 | 09730 | 246.3 | 251 | 241 | | 29 | 09782 | 249.8 | 253 | 246 | | 28 | 09781 | 250.4 | 257 | 242 | |
| 250 | 30 | 11020 | 237.5 | 241 | 231 | | 29 | 11092 | 240.3 | 244 | 236 | | 27 | 11095 | 241.3 | 247 | 234 | |
| 200 | 29 | 12540 | 225.8 | 233 | 217 | | 29 | 12627 | 228.6 | 233 | 223 | | 27 | 12635 | 229.8 | 235 | 223 | |
| 175 | 24 | 13396 | 219.3 | 227 | 211 | | 29 | 13515 | 221.8 | 227 | 214 | | 25 | 13514 | 223.3 | 229 | 215 | |
| 150 | 20 | 14386 | 212.2 | 221 | 204 | | 28 | 14499 | 214.5 | 219 | 208 | | 23 | 14580 | 216.6 | 225 | 210 | |
| 125 | 16 | 15506 | 204.7 | 213 | 195 | | 26 | 15643 | 207.2 | 212 | 203 | | 20 | 15635 | 209.5 | 217 | 205 | |
| 100 | 12 | 16854 | 200.1 | 206 | 194 | | 24 | 16969 | 201.1 | 207 | 195 | | 20 | 17030 | 203.5 | 211 | 198 | |
| 80 | 12 | 18159 | 200.1 | 205 | 195 | | 12 | 18274 | 197.7 | 204 | 191 | | 13 | 18348 | 200.4 | 207 | 193 | |
| 70 | 10 | 18982 | 205.7 | 213 | 199 | | 08 | 19049 | 199.6 | 205 | 192 | | 13 | 19127 | 202.3 | 208 | 195 | |
| 60 | 10 | 19899 | 210.3 | 217 | 204 | | 08 | 19969 | 205.7 | 209 | 197 | | 08 | 20024 | 206.1 | 213 | 199 | |
| 50 | 09 | 21054 | 215.0 | 221 | 208 | | 06 | 21066 | 211.2 | 216 | 204 | | 05 | 21047 | 208.8 | 215 | 203 | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 971 MB) | | | | | | MADRAS/MINAMBAKKAM ( 1001 MB) | | | | | | MINICOY ( 1008 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00217 | 310.1 | 318 | 303 | 292.3 | 30 | 00029 | 304.4 | 308 | 301 | 297.7 | 30 | 00002 | 301.4 | 304 | 299 | 297.8 |
| 1000 | 27 | 00051 | | | | | 30 | 00027 | 304.1 | 308 | 300 | 297.2 | 29 | 00074 | 300.7 | 303 | 298 | 297.2 |
| 900 | 27 | 00902 | 304.7 | 312 | 297 | 287.0 | 30 | 00964 | 298.9 | 303 | 295 | 290.4 | 29 | 01000 | 294.9 | 297 | 291 | 290.0 |
| 850 | 27 | 01412 | 301.2 | 308 | 293 | 284.3 | 30 | 01465 | 295.4 | 299 | 292 | 288.1 | 29 | 01494 | 292.2 | 296 | 289 | 288.1 |
| 800 | 27 | 01944 | 297.6 | 303 | 293 | 282.8 | 30 | 01990 | 291.1 | 295 | 289 | 285.2 | 29 | 02014 | 286.7 | 291 | 287 | 284.3 |
| 700 | 27 | 03095 | 289.8 | 294 | 285 | 274.8 | 30 | 03119 | 283.9 | 288 | 281 | 278.5 | 29 | 03140 | 284.2 | 287 | 280 | 276.6 |
| 600 | 26 | 04385 | 280.2 | 287 | 274 | 267.4 | 30 | 04390 | 277.1 | 282 | 273 | 268.6 | 29 | 04410 | 277.6 | 281 | 272 | 270.9 |
| 500 | 26 | 05858 | 271.0 | 277 | 264 | 259.8 | 30 | 05853 | 269.1 | 275 | 265 | | 28 | 05873 | 269.1 | 274 | 265 | |
| 400 | 25 | 07606 | 261.5 | 271 | 253 | | 30 | 07581 | 258.4 | 265 | 254 | | 28 | 07600 | 259.0 | 266 | 255 | |
| 300 | 23 | 09751 | 248.2 | 255 | 238 | | 30 | 09700 | 243.7 | 247 | 241 | | 28 | 09723 | 244.0 | 251 | 240 | |
| 250 | 22 | 11057 | 239.5 | 248 | 227 | | 30 | 10979 | 234.3 | 238 | 229 | | 28 | 11002 | 234.6 | 240 | 230 | |
| 200 | 19 | 12587 | 228.0 | 235 | 214 | | 30 | 12478 | 223.5 | 231 | 218 | | 28 | 12498 | 222.9 | 229 | 216 | |
| 175 | 13 | 13451 | 221.4 | 227 | 208 | | 28 | 13329 | 217.0 | 223 | 211 | | 27 | 13351 | 217.1 | 224 | 209 | |
| 150 | 13 | 14437 | 214.7 | 224 | 203 | | 26 | 14306 | 210.7 | 217 | 204 | | 26 | 14331 | 211.3 | 217 | 204 | |
| 125 | 09 | 15595 | 208.2 | 217 | 203 | | 24 | 15404 | 204.3 | 213 | 199 | | 24 | 15420 | 204.9 | 213 | 198 | |
| 100 | 07 | 16958 | 203.3 | 212 | 196 | | 20 | 16733 | 197.7 | 204 | 193 | | 24 | 16775 | 200.0 | 212 | 192 | |
| 80 | | | | | | | 16 | 18012 | 199.0 | 207 | 192 | | 21 | 18101 | 204.8 | 220 | 197 | |
| 70 | | | | | | | 13 | 18822 | 203.2 | 215 | 190 | | 19 | 18904 | 206.3 | 221 | 198 | |
| 60 | | | | | | | 10 | 19732 | 205.3 | 213 | 193 | | 17 | 19866 | 210.2 | 225 | 199 | |
| 50 | | | | | | | 05 | 20846 | 207.8 | 216 | 197 | | 15 | 21014 | 214.3 | 227 | 202 | |
| 40 | | | | | | | | | | | | | 09 | 22454 | 220.3 | 237 | 209 | |
| 30 | | | | | | | | | | | | | 05 | 24289 | 220.9 | 227 | 212 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

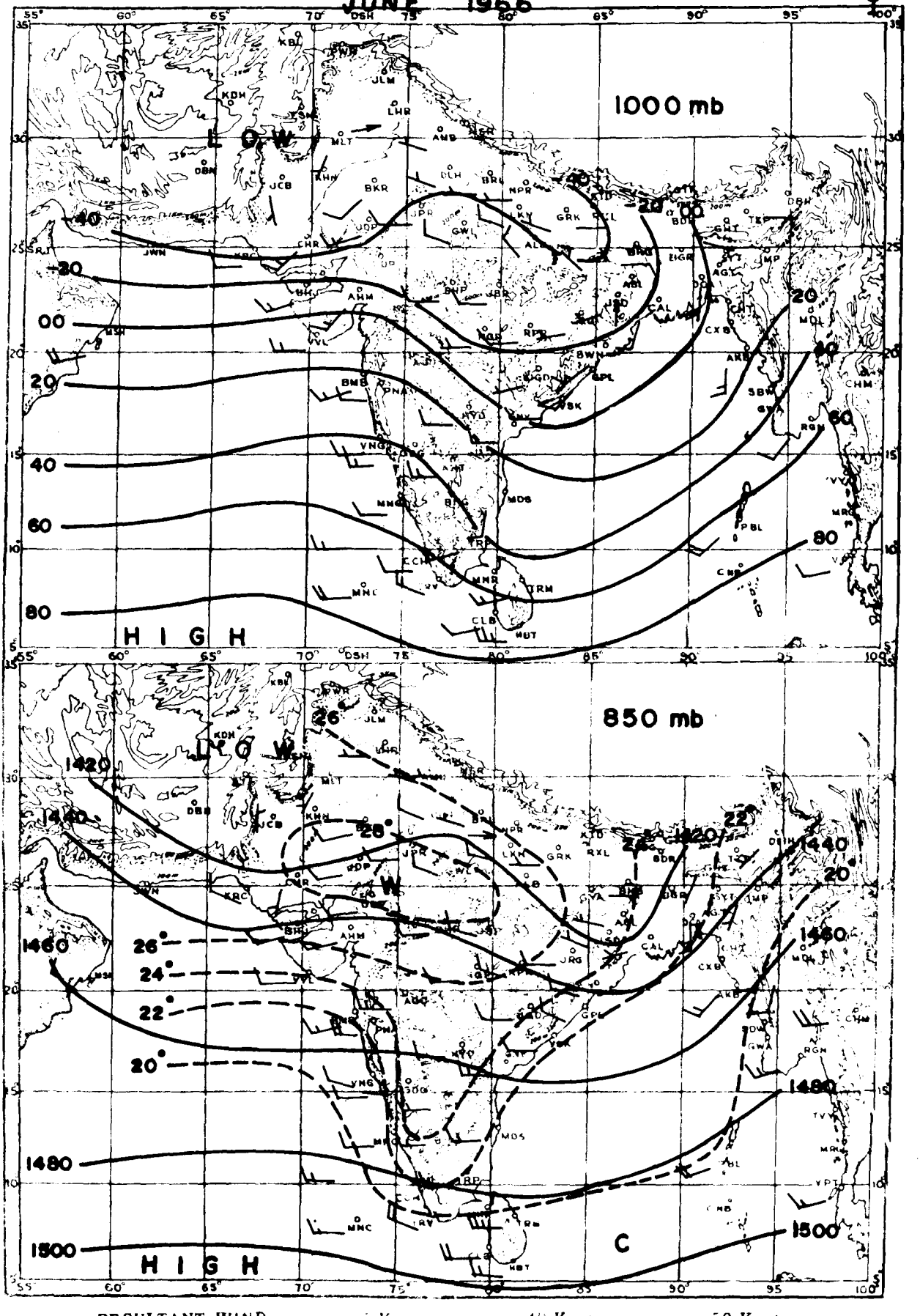
JUNE 1966.(JYAISTHA 11 - ASADHA 9.1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NAGPUR/SONEGAON SURFACE PR ( 964 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 973 MB) | | | | | | PORT BLAIR ( 998 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00311 | 309.4 | 317 | 301 | 292.6 | 30 | 00209 | 309.1 | 317 | 300 | 294.4 | 30 | 00079 | 300.7 | 302 | 297 | 297.5 |
| 1000 | 29 | 00022 | | | | | 30 | 00040 | | | | | 30 | 00067 | 300.8 | 301 | 300 | 296.8 |
| 900 | 28 | 00936 | 304.0 | 311 | 295 | 290.5 | 30 | 00912 | 304.3 | 313 | 299 | 288.5 | 29 | 00989 | 294.7 | 297 | 292 | 291.4 |
| 850 | 28 | 01445 | 299.5 | 305 | 293 | 289.1 | 30 | 01420 | 300.3 | 309 | 295 | 285.9 | 29 | 01483 | 292.7 | 295 | 290 | 287.9 |
| 800 | 28 | 01977 | 294.3 | 299 | 286 | 287.0 | 30 | 01952 | 296.3 | 304 | 292 | 284.3 | 29 | 02003 | 290.0 | 295 | 287 | 284.3 |
| 700 | 28 | 03117 | 286.5 | 291 | 281 | 278.2 | 30 | 03098 | 287.7 | 291 | 283 | 278.3 | 29 | 03129 | 284.5 | 288 | 281 | 277.3 |
| 600 | 28 | 04392 | 277.7 | 281 | 272 | 271.9 | 30 | 04379 | 279.9 | 283 | 273 | 271.0 | 28 | 04401 | 277.0 | 281 | 272 | 270.4 |
| 500 | 28 | 05853 | 268.7 | 273 | 261 | | 30 | 05853 | 271.1 | 277 | 265 | 265.8 | 28 | 05860 | 269.1 | 275 | 264 | |
| 400 | 28 | 07580 | 259.0 | 265 | 254 | | 30 | 07593 | 261.1 | 267 | 253 | | 28 | 07588 | 258.9 | 265 | 252 | |
| 300 | 28 | 09720 | 245.7 | 251 | 241 | | 30 | 09752 | 249.6 | 255 | 240 | | 28 | 09713 | 244.8 | 250 | 237 | |
| 250 | 28 | 11002 | 235.3 | 240 | 232 | | 28 | 11055 | 240.3 | 245 | 229 | | 28 | 10994 | 235.3 | 241 | 229 | |
| 200 | 28 | 12512 | 224.8 | 231 | 220 | | 27 | 12603 | 230.0 | 234 | 227 | | 28 | 12502 | 223.5 | 229 | 216 | |
| 175 | 28 | 13367 | 219.0 | 226 | 213 | | 27 | 13489 | 223.4 | 228 | 217 | | 28 | 13365 | 217.3 | 223 | 206 | |
| 150 | 28 | 14357 | 212.9 | 221 | 206 | | 27 | 14480 | 216.5 | 221 | 209 | | 27 | 14347 | 211.7 | 218 | 203 | |
| 125 | 26 | 15448 | 206.2 | 213 | 201 | | 27 | 15618 | 209.3 | 213 | 203 | | 20 | 15469 | 204.9 | 213 | 197 | |
| 100 | 25 | 16797 | 199.9 | 207 | 194 | | 25 | 16974 | 203.0 | 208 | 196 | | 14 | 16811 | 200.7 | 211 | 192 | |
| 80 | 16 | 18149 | 200.5 | 207 | 193 | | 24 | 18291 | 201.3 | 209 | 195 | | 09 | 18112 | 202.2 | 211 | 198 | |
| 70 | 11 | 18983 | 204.4 | 212 | 195 | | 23 | 19092 | 205.0 | 212 | 195 | | 06 | 18887 | 204.5 | 214 | 198 | |
| 60 | 11 | 19909 | 209.0 | 219 | 200 | | 17 | 20013 | 211.6 | 218 | 204 | | 06 | 19808 | 207.5 | 216 | 202 | |
| 50 | 08 | 20992 | 214.6 | 218 | 206 | | 15 | 21179 | 216.5 | 227 | 210 | | 06 | 20924 | 210.3 | 219 | 206 | |
| 40 | 06 | 22544 | 217.8 | 226 | 212 | | 10 | 22591 | 221.2 | 234 | 214 | | | | | | | |
| 30 | | | | | | | 06 | 24553 | 229.8 | 238 | 225 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | SRINAGAR SURFACE PR ( 834 MB) | | | | | | TRIVANDRUM ( 1000 MB) | | | | | | VISHAKAPATNAM ( 996 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 29 | 01588 | 301.0 | 305 | 294 | 288.7 | 30 | 00064 | 300.9 | 303 | 298 | 297.4 | 30 | 00041 | 302.6 | 307 | 296 | 298.8 |
| 1000 | 28 | 00045 | | | | | 27 | 00068 | 300.9 | 303 | 298 | 297.2 | 30 | 00009 | | | | |
| 900 | 28 | 00906 | | | | | 27 | 00993 | 293.8 | 296 | 291 | 290.7 | 30 | 00945 | 297.8 | 303 | 295 | 292.8 |
| 850 | 28 | 01415 | | | | | 27 | 01486 | 291.5 | 295 | 288 | 288.3 | 30 | 01445 | 295.2 | 300 | 291 | 290.4 |
| 800 | 28 | 01950 | 298.6 | 305 | 291 | 283.1 | 27 | 02005 | 288.7 | 292 | 285 | 285.5 | 30 | 01971 | 291.8 | 295 | 287 | 287.6 |
| 700 | 28 | 03104 | 290.0 | 296 | 283 | 274.5 | 27 | 03131 | 283.9 | 287 | 281 | 278.9 | 30 | 03104 | 284.5 | 289 | 279 | 280.5 |
| 600 | 28 | 04395 | 279.8 | 286 | 272 | 268.0 | 27 | 04402 | 276.7 | 281 | 273 | 272.3 | 30 | 04376 | 276.5 | 281 | 268 | 273.8 |
| 500 | 28 | 05862 | 269.0 | 276 | 261 | 265.2 | 26 | 05860 | 268.4 | 273 | 264 | | 30 | 05838 | 269.1 | 273 | 263 | |
| 400 | 27 | 07588 | 258.7 | 266 | 249 | | 25 | 07581 | 257.4 | 262 | 252 | | 30 | 07571 | 259.2 | 267 | 255 | |
| 300 | 26 | 09708 | 244.7 | 253 | 230 | | 25 | 09692 | 242.0 | 247 | 234 | | 28 | 09703 | 245.4 | 255 | 240 | |
| 250 | 26 | 10998 | 237.7 | 245 | 229 | | 24 | 10967 | 232.7 | 240 | 224 | | 28 | 10991 | 236.9 | 244 | 231 | |
| 200 | 26 | 12533 | 229.5 | 238 | 218 | | 24 | 12452 | 220.5 | 228 | 213 | | 28 | 12503 | 225.0 | 233 | 220 | |
| 175 | 22 | 13422 | 224.6 | 234 | 211 | | 23 | 13287 | 214.8 | 223 | 207 | | 24 | 13358 | 219.2 | 226 | 215 | |
| 150 | 21 | 14421 | 219.6 | 233 | 212 | | 22 | 14264 | 208.5 | 217 | 201 | | 23 | 14353 | 212.8 | 219 | 209 | |
| 125 | 18 | 15615 | 215.0 | 223 | 204 | | 21 | 15347 | 202.8 | 214 | 195 | | 21 | 15439 | 206.6 | 215 | 201 | |
| 100 | 14 | 16990 | 209.9 | 214 | 205 | | 20 | 16666 | 196.4 | 203 | 192 | | 19 | 16812 | 201.0 | 209 | 195 | |
| 80 | 07 | 18381 | 210.0 | 213 | 207 | | 15 | 17963 | 200.5 | 207 | 196 | | 12 | 18113 | 202.9 | 209 | 197 | |
| 70 | 05 | 19286 | 215.2 | 218 | 210 | | 12 | 18785 | 203.3 | 211 | 199 | | 11 | 18927 | 205.2 | 213 | 194 | |
| 60 | | | | | | | 10 | 19684 | 208.8 | 219 | 203 | | 09 | 19852 | 207.4 | 218 | 199 | |
| 50 | | | | | | | 10 | 20811 | 214.3 | 227 | 207 | | 08 | 20928 | 210.9 | 217 | 205 | |
| 40 | | | | | | | | | | | | | 07 | 22273 | 213.9 | 219 | 207 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

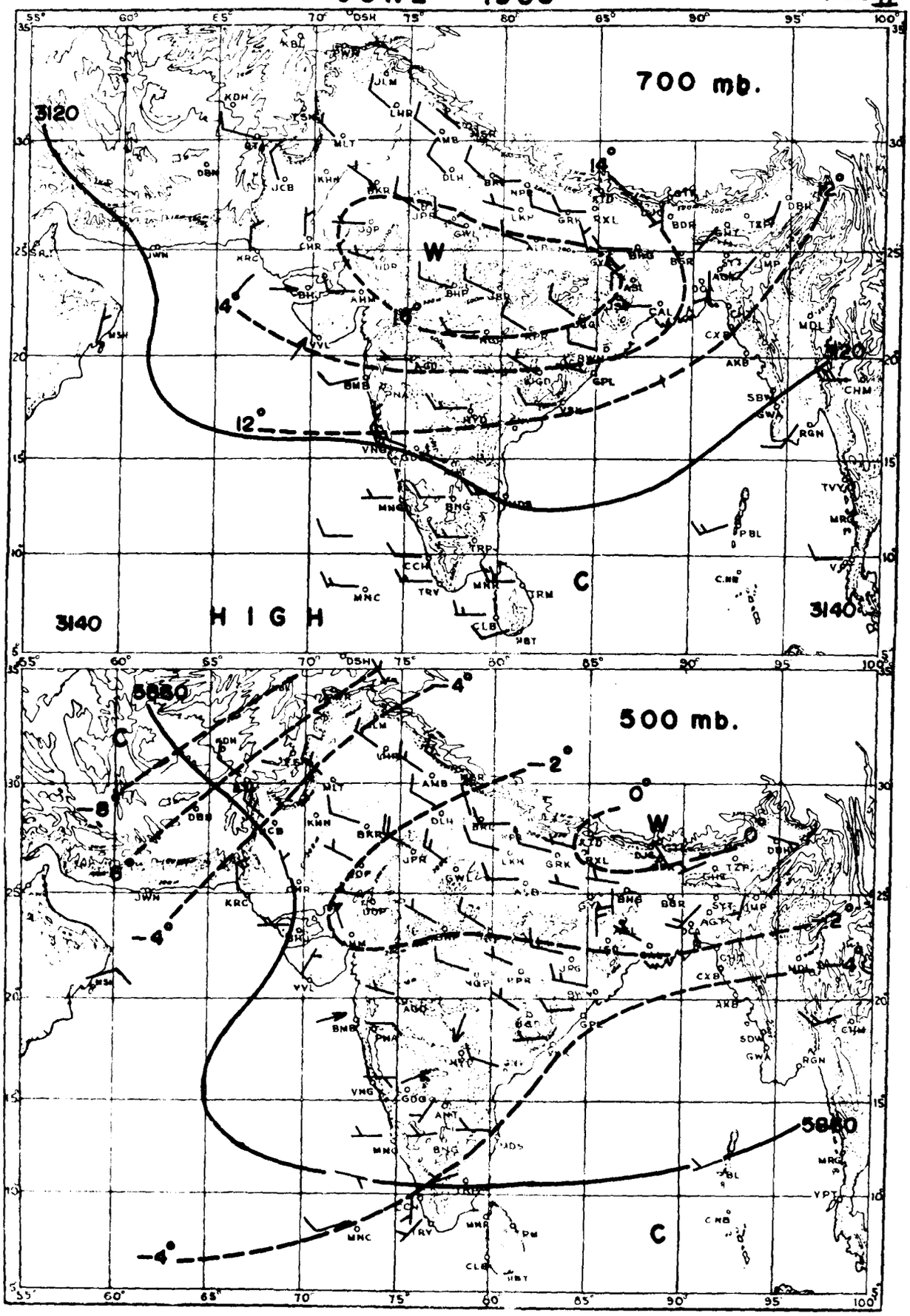
I.Met.D. Plate

JUNE 1966



MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I. Met. D.* **JUNE 1966** *Plate* II




RESULTANT WIND — 5 Knots. — 10 Knots. — 50 Knots.

- - - - - Isotherms in degrees centigrade. ——— Contours in geopotential metres.

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## JULY 1966

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U. S. Dept. of Commerce

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# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## JULY

# MONTHLY WEATHER REPORT

## FOR

## JULY - 1966

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** ** **

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES

## II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| ≠ | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Height provisional. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## JULY

Published by authority of the Government of India

Chief features :-

(i) Further advance of the monsoon to cover the entire country by 6th;

(ii) Continuation of weak monsoon conditions till the middle of second week leading to serious water shortage in Mysore, Maharashtra and Gujarat States;

(iii) General revival and maintenance of the monsoon activity thereafter till the end of the month; and

(iv) Formation and movement of two Bay depressions.

A low pressure area which formed over east Uttar Pradesh on the last day of June moved eastnortheastwards to Sub-Himalayan West Bengal on 2nd July. Later it became less marked. Under its influence, the monsoon was fairly active over northeast India, East Uttar Pradesh and East Madhya Pradesh on the first three days of the month. Later, the axis of the monsoon trough shifted northwards to the foot of the Himalayas and the rainfall activity continued over Assam and Sub-Himalayan West Bengal but was less intense. Some of the noteworthy amounts of rainfall recorded were : Baghdogra 25 cm., Kanpur and Lucknow (Amausi) 12 cm. each, Kalimpong and Lucknow City 11 cm. each and Jalpaiguri and Darjeeling 10 cm. each on 1st, Pasighat 11 cm. on 2nd and Silchar 10 cm. on 3rd. According to press reports, the entire plains of Assam were in the grip of a second wave of floods with breaches of bunds of the Brahmaputra.

An active western disturbance moved eastwards across northwest India during the period 3rd to 7th causing good rainfall there. The monsoon also advanced further to cover the entire country by 6th.

The monsoon continued to be weak over the Peninsula and also over the central parts of the country during the first week. However, Coastal Mysore and Kerala received moderate to heavy rainfall on a few days. Amini in the Arabian Sea Islands recorded 16 cm. of rain on 4th.

Although thunderstorms occurred during the second week over many parts of the Peninsula where the showers gave welcome relief from a prolonged dry spell, a very serious situation developed in regard to the supply of water in Bombay City and suburbs due to the absence of rains in the catchment areas of the lakes in the weatern ghats.

A revival of the monsoon activity began to take place by about the middle of the second week and the activity was evenly maintained for the rest of the month. A low pressure area developed over the south Peninsula on 8th. Moving slowly in a northwesterly direction, it lay as a trough of low pressure over the east central Arabian Sea off Mysore and south Maharashtra coasts on 11th. Thereafter, it moved northnorthwestwards and merged into the seasonal trough by 17th. Under its influence, the monsoon activity began to revive over Kerala on 10th and the activity extended northwards later. Amini recorded 12 cm. of rain on 10th, Honavar 18 cm. on 13th, and Panjim (Goa) 15 cm. on 14th.

Another low pressure area from the east moved into the north Bay of Bengal on 15th. It intensified into a depression by the morning of 17th, with centre about 250 kms. east of Puri. Moving westwards it crossed the Orissa coast near Paradeep the next morning. Thereafter, it moved westnorthwestwards and weakening into a low pressure area by 19th, moved across the central parts

of the country and Gujarat State. It finally merged into the seasonal low by 21st. This was followed by a low pressure area which formed over the northwest and adjoining west central Bay of Bengal on 21st. Moving inland on 23rd it weakened over west Orissa and adjoining Madhya Pradesh and merged into the seasonal trough by 24th. Another low pressure area which also developed over the northwest and adjoining west central Bay of Bengal on 25th moved inland next day and weakened over Bihar Plateau and adjoining areas by 27th. The last system of the month appeared as a low pressure area over the northwest angle of the Bay of Bengal on 27th. It intensified into a depression by the morning of 28th with centre about 200 kms. south of Calcutta. Moving westnorthwestwards, it crossed coast between Contai and Balasore the next morning and lay centred about 100 kms. north of Jabalpore on the morning of 31st. Under the influence of the above four systems, the monsoon activity was evenly maintained over the country during the second fortnight with spells of heavy rains over the central parts of the country and adjoining areas. Some of the noteworthy amounts of rainfall reported were : Mahabaleshwar 21 cm. and Yeotmal 14 cm. on 16th, Puri 16 cm. on 17th, Ratnagiri 20 cm. and Devgarh 16 cm. on 18th, Bombay (Santacruz) 29 cm., Bombay (Colaba) 16 cm. and Bhira and Kalimpong 15 cm. each on 19th, Mahabaleshwar 22 cm., Bhira 18 cm. and Khandala 14 cm. on 20th, Honavar 19 cm. on 21st, Sironcha 17 cm. on 23rd, Kalimpong 13 cm. and Sironcha 12 cm. on 24th, Dehra Dun 39 cm., Roorkee 24 cm., Mussoorie 15cm. and Chanda 12 cm. on 25th, Dharmsala 19 cm., Chanda 18 cm., Bhira 16 cm. and Baghdogra 15 cm. on 26th, Mahabaleshwar 16 cm., Bhira 14 cm. and Bahraich 13 cm. on 27th, Mahabaleshwar 21 cm., Bhira 15 cm. and Surat 13 cm. on 28th, Mahabaleshwar 34 cm. and Khandala 21 cm.on 29th, Mahabaleshwar 12 cm. and Aurangabad 12 cm. on 30th and Sagar 18cm. Pachmarhi 15 cm. and Roorkee 12 cm. on 31st.

The total rainfall for the month was in large excess in Orissa and Marathwada, in moderate excess in Vidarbha, Coastal Andhra Pradesh, Telangana, Arabian Sea Islands and Sub-Himalayan West Bengal and in slight excess in South Assam and Rayalaseema. It was normal in the Bay Islands, North Assam, Konkan, Madhya Maharashtra, Mysore State and Kerala. It was in slight defect in Gujarat, Madras State and Jammu and Kashmir & in moderate defect over rest of the country except in Bihar Plateau where it was in large defect.

The mean maximum temperature was above normal in Gangetic West Bengal, Orissa, Bihar, Uttar Pradesh, Punjab, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Madhya Maharashtra, Marathwada, Vidarbha and Telangana. It was normal over the rest of the country.

The mean minimum temperature was normal over the entire country except Vidharba where it was above normal.

The Relative Humidity in the morning was below normal in Uttar Pradesh, Rajasthan, West Madhya Pradesh and Vidarbha. It was normal over the rest of the country.

The Relative Humidity in the evening was below normal over Bihar, Uttar Pradesh, Punjab , Himachal Pradesh, Rajasthan, Madhya Pradesh and Vidarbha. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in Uttar Pradesh, Himachal Pradesh and East Rajasthan. It was normal over the rest of the country.

The mean cloud amount in the evening was below normal in West Uttar Pradesh, Punjab and Himachal Pradesh. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding columns; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona-5;

7th December 1966.

R. ANANTHAKRISHNAN

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 467.8 | 110 | 31.3 | 24.2 | 87 | 81 | 6.7 | 5.9 |
| | + 43.4 | | -0.3 | -0.4 | + 2 | + 0 | -0.1 | -0.1 |
| 2.WEST BENGAL . . . | 371.1 | 89 | 32.6 | 25.3 | 84 | 79 | 6.0 | 5.8 |
| | - 47.2 | | +1.0 | -0.4 | - 1 | - 3 | -0.6 | -0.7 |
| 3.ORISSA . . . . . | 581.1 | 160 | 31.9 | 24.9 | 84 | 81 | 6.3 | 6.6 |
| | +218.6 | | +1.3 | +0.0 | + 0 | - 1 | -0.4 | -0.4 |
| 4.BIHAR . . . . . | 164.9 | 50 | 33.4 | 25.3 | 79 | 71 | 5.7 | 5.9 |
| | -164.3 | | +1.5 | -0.1 | - 4 | - 7 | -0.8 | -0.6 |
| 5.UTTAR PRADESH . . | 203.7 | 63 | 35.2 | 25.7 | 76 | 63 | 4.3 | 4.7 |
| | -121.8 | | +2.1 | -0.1 | - 6 | -10 | -1.5 | -0.8 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) . | 170.4 | 68 | 36.1 | 25.5 | 71 | 54 | 3.5 | 3.1 |
| | - 80.2 | | +1.1 | -0.2 | - 5 | - 7 | -1.0 | -1.0 |
| 7.JAMMU AND KASHMIR | 100.5 | 85 | 27.4 | 15.4 | 65 | 42 | 4.4 | 3.7 |
| | - 17.4 | | -0.7 | -0.9 | - 2 | + 1 | +0.2 | +0.0 |
| 8.RAJASTHAN . . | 105.9 | 62 | 37.5 | 26.1 | 65 | 47 | 3.8 | 4.4 |
| | - 65.1 | | +2.4 | -0.2 | -10 | -12 | -1.1 | -0.8 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 355.3 | 92 | 29.8 | 24.1 | 86 | 87 | 6.4 | 6.6 |
| | - 29.6 | | +0.4 | -0.3 | + 2 | + 0 | -0.0 | +0.1 |
| 2.NORTH ASSAM . (INCLUDING NEFA) | 439.1 | 104 | 31.8 | 24.6 | 87 | 81 | 6.5 | 5.6 |
| | + 16.1 | | -0.3 | -0.5 | + 2 | + 1 | -0.2 | -0.1 |
| 3.SOUTH ASSAM (INCLUDING N.C.ANDETC) | 529.4 | 124 | 30.3 | 23.5 | 87 | 81 | 7.0 | 6.5 |
| | +102.0 | | -0.2 | -0.2 | + 1 | - 1 | +0.2 | +0.0 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 892.9 | 134 | 31.3 | 24.7 | 88 | 81 | 6.7 | 5.7 |
| | +227.2 | | +0.1 | -0.6 | + 2 | - 0 | -0.2 | -0.4 |
| 5.GANGETIC,WEST-BENGAL. | 181.4 | 55 | 33.1 | 25.6 | 83 | 79 | 5.8 | 5.8 |
| | -147.0 | | +1.3 | -0.3 | - 2 | - 3 | -0.8 | -0.8 |
| 6.ORISSA . | 581.1 | 160 | 31.9 | 24.9 | 84 | 81 | 6.3 | 6.6 |
| | +218.6 | | +1.3 | +0.0 | + 0 | - 1 | -0.4 | -0.4 |
| 7.BIHAR PLATEAU. . | 165.1 | 48 | 32.7 | 24.4 | 79 | 72 | 5.7 | 6.4 |
| | -181.3 | | +1.7 | -0.2 | - 5 | - 8 | -1.1 | -0.5 |
| 8.BIHAR PLAINS. . | 164.7 | 52 | 34.0 | 26.0 | 80 | 71 | 5.8 | 5.5 |
| | -150.5 | | +1.4 | -0.1 | - 4 | - 6 | -0.6 | -0.7 |
| 9.UTTAR PRADESH, (EAST). | 176.0 | 54 | 35.4 | 26.1 | 77 | 66 | 4.5 | 4.9 |
| | -149.0 | | +2.1 | -0.2 | - 6 | - 8 | -1.5 | -0.7 |
| 10.UTTAR PRADESH, (WEST). | 240.7 | 74 | 35.0 | 25.1 | 75 | 59 | 4.0 | 4.2 |
| | - 85.5 | | +2.2 | +0.1 | - 6 | -12 | -1.5 | -1.1 |
| 11.PUNJAB(INCLUDING DELHI). | 152.2 | 74 | 36.7 | 26.0 | 70 | 53 | 3.5 | 3.0 |
| | - 54.2 | | +1.1 | -0.2 | - 5 | - 7 | -0.7 | -0.9 |
| 12.HIMACHAL PRADESH | 270.7 | 55 | 33.0 | 23.1 | 81 | 64 | 3.5 | 3.7 |
| | -223.0 | | +1.1 | +0.2 | - 5 | - 7 | -2.7 | -2.0 |
| 13.JAMMU AND KASHMIR. | 100.5 | 85 | 27.4 | 15.4 | 65 | 42 | 4.4 | 3.7 |
| | - 17.4 | | -0.7 | -0.9 | - 2 | + 1 | +0.2 | +0.0 |
| 14.RAJASTHAN(WEST). | 67.7 | 66 | 38.5 | 26.2 | 63 | 42 | 3.7 | 4.0 |
| | - 35.2 | | +1.8 | -0.8 | -11 | -11 | -0.7 | -0.5 |
| 15.RAJASTHAN(EAST). | 137.1 | 60 | 36.8 | 26.1 | 68 | 51 | 4.0 | 4.7 |
| | - 89.5 | | +2.9 | +0.2 | - 9 | -13 | -1.4 | -1.0 |
| 16.MADHYA PRADESH (WEST). | 247.4 | 69 | 34.1 | 24.8 | 77 | 60 | 5.7 | 6.0 |
| | -109.5 | | +3.4 | +1.0 | - 8 | -13 | -1.1 | -0.9 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 245.8 | 65 | 33.6 | 24.8 | 78 | 64 | 5.9 | 6.3 |
| | -132.5 | | +3.0 | +0.9 | - 6 | -11 | -0.9 | -0.7 |
| 10.GUJARAT STATE . . | 210.9 | 72 | 33.1 | 25.9 | 84 | 69 | 5.9 | 5.7 |
| | - 82.3 | | +1.1 | +0.1 | - 2 | - 4 | -0.8 | -0.8 |
| 11.MAHARASHTRA STATE | 538.0 | 116 | 31.4 | 23.9 | 83 | 72 | 6.4 | 6.7 |
| | + 73.5 | | +1.5 | +0.5 | - 2 | - 3 | -0.5 | -0.3 |
| 12.ANDHRA PRADESH . | 221.2 | 131 | 33.3 | 25.1 | 78 | 66 | 6.2 | 6.6 |
| | + 52.8 | | +1.1 | +0.4 | - 0 | + 0 | -0.6 | -0.3 |
| 13.MADRAS STATE . . | 44.4 | 75 | 34.4 | 25.3 | 70 | 61 | 6.1 | 6.5 |
| | - 14.6 | | +0.6 | +0.1 | + 2 | + 2 | +0.3 | +0.2 |
| 14.MYSORE . . . . . | 390.0 | 99 | 28.7 | 21.6 | 88 | 74 | 7.0 | 7.0 |
| | - 5.9 | | +0.8 | +0.3 | + 2 | - 1 | +0.0 | -0.1 |
| 15.KERALA . . . . | 458.1 | 93 | 28.9 | 23.4 | 91 | 84 | 7.2 | 7.0 |
| | - 34.8 | | +0.1 | +0.2 | + 1 | - 1 | +0.4 | +0.1 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . (EAST). | 243.8 | 60 | 32.9 | 24.9 | 80 | 70 | 6.0 | 6.7 |
| | -163.2 | | +2.5 | +0.9 | - 5 | - 8 | -0.8 | -0.4 |
| 18.GUJARAT REGION . | 269.1 | 80 | 33.4 | 25.4 | 84 | 66 | 6.1 | 5.7 |
| | - 66.8 | | +1.2 | +0.2 | - 3 | - 5 | -0.8 | -0.9 |
| 19.SAURASHTRA KUTCH. (INCLUDING DIU) . | 170.6 | 65 | 32.8 | 26.2 | 83 | 71 | 5.7 | 5.7 |
| | - 93.1 | | +1.0 | +0.1 | - 1 | - 3 | -0.8 | -0.8 |
| 20.KONKAN (INCLUDING GOA) . | 917.5 | 109 | 29.7 | 25.0 | 88 | 85 | 6.8 | 6.9 |
| | + 73.9 | | +0.8 | +0.3 | - 0 | - 1 | -0.3 | -0.3 |
| 21.MADHYAMAHARASHTRA | 332.5 | 105 | 31.1 | 22.6 | 84 | 69 | 6.2 | 6.6 |
| | + 16.1 | | +1.3 | +0.2 | + 1 | - 1 | -0.3 | -0.3 |
| 22.MARATHWADA. . | 332.9 | 185 | 31.8 | 22.5 | 82 | 65 | 6.4 | 7.0 |
| | +152.5 | | +1.3 | +0.4 | - 3 | - 4 | -0.5 | -0.3 |
| 23.VIDARBHA. . | 478.0 | 132 | 33.1 | 24.8 | 79 | 66 | 6.0 | 6.6 |
| | +117.0 | | +2.5 | +1.1 | - 6 | - 7 | -0.8 | -0.4 |
| 24.COASTAL ANDHRA PRADESH. . | 213.4 | 136 | 33.7 | 25.9 | 80 | 72 | 5.9 | 6.5 |
| | + 56.2 | | +0.9 | +0.2 | + 2 | + 3 | -0.8 | -0.2 |
| 25.TELANGANA. . | 311.6 | 132 | 32.8 | 24.8 | 77 | 63 | 6.5 | 6.5 |
| | + 74.8 | | +1.6 | +0.9 | - 4 | - 5 | -0.4 | -0.5 |
| 26.RAYALASEEMA. . | 101.3 | 115 | 33.0 | 23.9 | 74 | 59 | 6.2 | 6.8 |
| | + 13.3 | | +0.6 | +0.2 | + 2 | + 3 | -0.7 | -0.2 |
| 27.MADRAS STATE. . | 44.4 | 75 | 34.4 | 25.3 | 70 | 61 | 6.1 | 6.5 |
| | - 14.6 | | +0.6 | +0.1 | + 2 | + 2 | +0.3 | +0.2 |
| 28.COASTAL MYSORE . | 1062.5 | 96 | 28.3 | 23.6 | 91 | 86 | 7.5 | 7.6 |
| | - 47.2 | | +0.2 | +0.2 | + 0 | - 2 | +0.1 | +0.2 |
| 29.INTERIOR MYSORE. (NORTH). . | 202.5 | 104 | 29.8 | 22.0 | 86 | 70 | 7.1 | 6.8 |
| | + 7.5 | | +1.0 | +0.6 | + 1 | - 2 | +0.3 | -0.2 |
| 30.INTERIOR MYSORE. (SOUTH). . | 217.9 | 101 | 27.9 | 20.3 | 88 | 71 | 6.7 | 6.9 |
| | + 3.0 | | +0.9 | +0.1 | + 3 | + 0 | -0.3 | -0.1 |
| 31.KERALA. . | 458.1 | 93 | 28.9 | 23.4 | 91 | 84 | 7.2 | 7.0 |
| | - 34.8 | | +0.1 | +0.2 | + 1 | - 1 | +0.4 | +0.1 |
| 32.ARABIANSEAISLANDS | 351.6 | 128 | 29.7 | 25.1 | 84 | 79 | 7.3 | 7.2 |
| | + 76.5 | | +0.3 | -0.2 | + 1 | - 1 | +1.1 | +0.3 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm. | 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ya Bandar | 29.6 | +0.6 | 32.1 | 01 | 24.3 | +0.1 | 22.3 | 04 | 146.0 | 472.8 | - 37.2 | 52.6 | 17 | 24 | + 3.3 | 19.7 | 14.7 | +2.6 | 1 | 29 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| ng Island | 29.8 | -0.2 | 33.8 | 01 | 22.7 | -1.5 | 20.6 | 05 | 230.2 | 460.4 | + 21.8 | 82.0 | 05 | 20 | + 0.4 | 8.0 | 5.7 | +2.7 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| rt Blair | 29.1 | +0.2 | 31.3 | 01 | 23.6 | -0.5 | 22.0 | 26 | 201.2 | 527.0 | +135.6 | 59.8 | 02 | 19 | - 0.5 | 25.8 | 20.8 | +0.9 | 2 | 26 | 0 | 0 | 6 | 0 | 0 | 0 | 12 | 0 |
| r Nicobar | 30.7 | +0.5 | 31.8 | 14 | 24.3 | -0.1 | 21.5 | 10 | 121.0 | 379.2 | + 48.3 | 83.2 | 26 | 15 | - 0.2 | 7.8 | 6.2 | +1.1 | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| ncowry | 30.0 | +0.8 | 31.5 | 12 | 25.2 | +0.3 | 22.2 | 10 | 81.2 | 173.2 | -109.8 | 32.6 | 03 | 14 | - 1.9 | 13.5 | 11.8 | -0.3 | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| adul | 29.4 | +0.3 | 30.6 | 23 | 24.7 | -0.2 | 22.4 | 08 | 66.6 | 119.0 | -236.1 | 18.0 | 17 | 14 | - 3.4 | 11.7 | 9.4 | +1.3 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H ASSAM (INCLUDING NEFA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| eighat | 30.2 | -0.5 | 36.6 | 19 | 21.7 | -2.1 | 20.2 | 12 | 362.2 | 1001.8 | - 9.0 | 109.6 | 02 | 23 | + 1.3 | 4.7 | 3.7 | +0.5 | 0 | 25 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| brugarh (Mohanbari) | 31.2 | +0.1 | 35.6 | 19 | 24.9 | +0.6 | 23.0 | 12 | 108.1 | 493.5 | - 22.6 | 79.8 | 11 | 19 | - 2.7 | 6.6 | 4.9 | +1.0 | 0 | 24 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| gboi (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rth Lakhimpur | 30.9 | -0.1 | 35.2 | 19 | 23.9 | -0.7 | 22.4 | 13 | 134.1 | 625.9 | + 10.1 | 74.0 | 24 | 23 | + 0.9 | 8.8 | 6.0 | .. | 1 | 26 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| bsagar | 32.2 | -0.2 | 35.2 | 19 | 23.7 | -1.7 | 21.8 | 31 | 64.8 | 380.6 | - 95.9 | 95.0 | 07 | 17 | - 2.8 | 7.3 | 6.1 | +0.5 | 0 | 24 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| hpur | 31.6 | -1.4 | 35.5 | 19 | 24.1 | -0.6 | 22.7 | 30 | 58.4 | 415.5 | + 99.1 | 93.8 | 27 | 21 | + 7.7 | 4.5 | 3.2 | .. | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| jbat | 31.5 | .. | 34.8 | 18 | .. | .. | .. | .. | 154.2 | 409.2 | +104.9 | 54.2 | 03 | 22 | + 7.7 | 7.3 | 4.4 | 0.0 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| rhat (Aerodrome) | 32.8 | .. | 35.7 | 17 | 24.8 | .. | 21.8 | 08 | 34.4 | 204.2 | .. | 63.0 | 30 | 15 | .. | .. | .. | .. | 1 | 23 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| ngla | 32.3 | -1.0 | 35.0 | 19 | 27.7 | +2.7 | 0.0 | 00 | 52.4 | 306.2 | + 44.7 | 70.2 | 01 | 12 | - 0.6 | 6.0 | 3.9 | +1.7 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| spur | 32.1 | 0.0 | 34.6 | 21 | 26.0 | +0.7 | 24.4 | 06 | 106.2 | 307.0 | - 34.4 | 53.9 | 06 | 16 | - 0.6 | 4.0 | 3.3 | +0.8 | 0 | 22 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| laghat | 32.6 | -0.1 | 35.1 | 28 | 23.6 | -0.9 | 21.9 | 31 | 74.9[h] | 287.3 | - 90.3 | 61.4 | 31 | 19 | + 1.3 | .. | .. | .. | 0 | 23 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| hgla | 32.5 | -0.9 | 35.7 | 23 | 25.0 | +0.1 | 23.3 | 04 | 102.4 | 224.6 | - 64.3 | 40.2 | 13 | 13 | + 2.5 | 5.3 | 3.0 | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| aparmukh | 32.3 | -1.0 | 35.0 | 26 | 21.3 | -4.6 | 19.3 | 07 | 258.5[a] | 503.5[b] | +205.2 | .. | .. | .. | .. | 5.7[c] | 5.1[b] | .. | .. | .. | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| alpara | 31.7 | -0.6 | 34.8 | 17 | 26.0 | +1.0 | 23.4 | 03 | 227.4 | 486.2 | + 44.9 | 69.0 | 12 | 17 | + 0.3 | 5.1 | 2.7 | -0.5 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| uhati (Bhorjor) | 31.7 | 0.0 | 34.2 | 24 | 25.7 | 0.0 | 24.2 | 04 | 105.2 | 235.5 | -129.8 | 44.4 | 01 | 14 | - 1.3 | 7.1 | 4.6 | .. | 1 | 22 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| ubri (Rupsi) | 31.2 | -0.9 | 34.9 | 18 | 25.1 | -0.5 | 23.5 | 13 | 209.5 | 686.0 | +289.3 | 108.7 | 04 | 17 | + 2.2 | 8.8 | 7.1 | +2.6 | 1 | 22 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| ubri | 31.0 | +1.4 | 34.1 | 26 | 24.8 | -1.0 | 22.4 | 15 | 198.8 | 421.6 | - 8.4 | 80.2 | 04 | 13 | - 3.0 | 7.9 | 7.0 | +0.9 | 0 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| nding | 33.2 | +0.2 | 36.4 | 28 | 24.9 | +0.1 | 23.0 | 31 | 25.4 | 306.0 | +103.3 | 151.7 | 07 | 9 | - 2.2 | 5.0 | 3.5 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| H ASSAM (INCLUDING NAGALAND, IPUR AND TRIPURA) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ra | 29.3 | +0.4 | 31.9 | 30 | 24.1 | +0.9 | 22.6 | 13 | 122.0 | 581.2 | - 83.9 | 143.4 | 01 | 19 | - 1.9 | 6.7 | 5.7 | -0.7 | 1 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| aflong | 26.8 | -1.2 | 30.8 | 30 | 21.1 | -0.4 | 19.4 | 15 | 97.4 | 449.5 | +127.5 | 86.3 | 02 | 18 | - 0.1 | 4.0 | 4.0 | .. | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ilchar (Kumbhirgram) | 31.3 | -1.2 | 35.6 | 18 | 24.2 | -0.1 | 23.1 | 02 | 153.7 | 828.5 | +310.6 | 125.5 | 03 | 24 | + 2.2 | 6.3 | 5.9 | +0.6 | 0 | 28 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| ilchar | 31.6 | -0.2 | 36.5 | 18 | 23.7 | -1.4 | 22.2 | 02 | 147.2 | 891.8 | +349.8 | 106.0 | 21 | 27 | + 4.0 | 3.2 | 2.3 | +0.4 | 0 | 29 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| mphal (Tulihal) | 29.1 | +0.7 | 31.7 | 23 | 21.9 | +0.1 | 20.7 | 02 | 43.5 | 150.2 | -102.3 | 27.2 | 27 | 12 | - 5.7 | 8.2 | 5.7 | -0.8 | 2 | 22 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| ailashahar | 32.1 | -0.4 | 35.0 | 18 | 24.9 | 0.0 | 22.6 | 04 | 189.6 | 431.8 | +120.3 | 91.4 | 03 | 17 | - 0.4 | 6.9 | 5.0 | +0.7 | 2 | 24 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| gartala | 32.2 | +0.8 | 34.2 | 19 | 24.3 | -0.6 | 22.4 | 04 | 146.4 | 372.5 | - 8.0 | 61.6 | 03 | 20 | + 3.4 | 9.7 | 7.4 | -2.0 | 1 | 23 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| -HIMALAYAN WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| aghdogra | 30.9 | -0.1 | 35.1 | 18 | 24.1 | -0.6 | 22.3 | 13 | 163.0 | 1149.1 | +300.6 | 249.4 | 01 | 25 | + 2.1 | 10.7 | 10.5 | +3.0 | 0 | 25 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| alpaiguri | 30.3 | -0.3 | 33.9 | 24 | 24.2 | -0.8 | 22.6 | 13 | 171.5 | 1003.5 | +229.6 | 182.6 | 10 | 22 | 0.0 | 9.1 | 6.6 | +0.1 | 1 | 26 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| ooch Behar | 30.6 | -0.7 | 34.3 | 18 | 24.2 | -1.2 | 22.1 | 14 | 368.3 | 1241.3 | +493.5 | 241.8 | 10 | 23 | + 3.8 | 5.5 | 3.9 | -0.6 | 0 | 28 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| alurghat | 32.9 | .. | 34.8 | 05 | 25.3 | .. | 23.0 | 14 | 100.4 | 172.8 | .. | 28.6 | 02 | 18 | .. | 6.3 | 5.7 | .. | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| alda | 33.4 | +1.6 | 37.0 | 04 | 26.4 | +0.2 | 24.5 | 12 | 129.6 | 177.7 | -114.9 | 54.6 | 15 | 9 | - 5.7 | 4.2 | 3.5 | -4.9 | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| GETIC WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| erhampore | 33.5 | +1.0 | 37.1 | 05 | 25.6 | -0.4 | 23.1 | 05 | 80.8 | 327.9 | + 46.7 | 74.8 | 02 | 13 | - 4.0 | 6.3 | 5.3 | -0.3 | 0 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| ari | 33.3 | +1.0 | 37.4 | 05 | 25.8 | +0.3 | 22.6 | 06 | .. | 219.0 | -109.7 | 91.0 | 11 | 12 | - 2.9 | . | 7.0 | -1.9 | 0 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| ansol | 34.1 | +2.1 | 38.3 | 05 | 25.9 | +0.3 | 23.8 | 02 | 109.8 | 286.1 | - 72.6 | 33.3 | 14 | 19 | + 1.0 | 9.9 | 7.6 | -0.5 | 0 | 23 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| hanti Niketan | 33.4 | .. | 37.2 | 05 | 26.1 | .. | 23.6 | 06 | 66.6 | 154.1 | .. | 27.8 | 20 | 12 | .. | 11.0 | 10.3 | .. | 1 | 16 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| rishnanagar | 33.7 | +1.4 | 35.8 | 15 | 24.2 | -1.4 | 21.5 | 03 | 58.0 | 171.4 | -114.9 | 30.2 | 19 | 13 | - 3.6 | 10.5 | 8.8 | +2.0 | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| urulia | 33.8 | +2.1 | 38.9 | 05 | 25.1 | +0.2 | 23.0 | 02 | 68.5 | 113.5 | -225.3 | 23.0 | 13 | 11 | - 7.3 | 7.9 | 6.2 | +0.1 | 3 | 16 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| ankura | 34.8 | .. | 39.0 | 06 | 26.0 | .. | 21.9 | 19 | 51.2 | 116.6 | -219.2 | 21.4 | 28 | 10 | - 6.2 | 10.8[a] | 5.2 | .. | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| urdwan | 34.1 | +2.1 | 37.0 | 03 | 26.8 | +1.0 | 24.1 | 07 | 36.0 | 122.4 | -210.9 | 58.0 | 07 | 7 | - 9.1 | 15.3[c] | 12.0[d] | +4.9 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| arrackpore (Aerodrome) | 33.0 | .. | 36.1 | 05 | 26.1 | .. | 21.9 | 07 | 113.5 | 173.7 | .. | 46.3 | 20 | 11 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| alcutta (Dum Dum) | 32.8 | +1.0 | 36.6 | 05 | 26.4 | +0.4 | 24.8 | 07 | 111.9 | 153.4 | -162.5 | 37.0 | 20 | 13 | - 5.1 | 13.6 | 10.6 | -0.9 | 0 | 18 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| alcutta | 32.9 | +0.9 | 37.0 | 05 | 25.6 | -0.7 | 23.6 | 07 | 47.4 | 131.6 | -199.6 | 31.6 | 01 | 13 | - 3.9 | 9.6 | 7.2 | +1.2 | 1 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| idnapore | 32.9 | +1.0 | 37.1 | 05 | 24.0 | -1.8 | 22.0 | 07 | 71.0 | 160.0 | -173.5 | 34.0 | 20 | 9 | - 7.6 | 7.1[c] | 5.8[b] | +0.4 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| ontai | 32.0 | +1.2 | 37.5 | 05 | 24.8 | -1.5 | 22.9 | 15 | 79.7 | 172.0 | -131.0 | 61.0 | 21 | 13 | - 1.8 | 16.4 | 11.6 | -0.7 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| agar Island | 31.0 | +0.7 | 35.0 | 05 | 26.9 | +0.2 | 25.2 | 31 | 24.5 | 240.3 | -154.2 | 88.6 | 21 | 14 | - 2.7 | 24.6 | 23.2 | -1.7 | 1 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| andheads | 30.9 | .. | 33.2 | 16 | 25.7 | .. | 21.3 | 08 | 72.5 | 214.8 | - 62.6 | 71.5 | 08 | 7 | - 6.3 | .. | .. | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SSA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| aripada | 33.3 | +1.2 | 37.1 | 05 | 25.0 | -0.4 | 22.0 | 06 | 170.2 | 260.6 | -146.4 | 36.8 | 26 | 16 | - 2.8 | 4.0 | 2.8 | +0.4 | 0 | 22 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| harsuguda | 33.0 | +2.1 | 36.3 | 04 | 25.2 | +0.6 | 23.3 | 17 | 108.8 | 259.5 | -174.8 | 39.5 | 30 | 17 | - 1.8 | 8.8 | 6.3 | -3.3 | 1 | 21 | 0 | 0 | 20 | 0 | 0 | 0 | 5 | 0 |
| eonjhargarh | 31.1 | +1.7 | 34.4 | 05 | 24.6 | +1.3 | 23.3 | 01 | 90.3 | 235.1 | - 10.3 | 41.0 | 28 | 14 | - 2.2 | 8.3 | 6.2 | -2.1 | 1 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| alasore | 32.6 | +1.3 | 36.7 | 05 | 24.3 | -1.8 | 22.0 | 01 | 103.5 | 242.4 | - 73.1 | 104.2 | 29 | 13 | - 1.3 | 11.7 | 8.9 | -1.4 | 0 | 16 | 0 | 0 | 10 | 0 | 1 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 33.0 | +2.3 | 36.6 | 06 | 25.2 | +0.3 | 23.4 | 03 | 209.1 | 482.5 | - 15.8 | 100.5 | 22 | 15 | - 4.3 | 3.4 | 2.4 | -5.9 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 33.1 | +1.9 | 38.4 | 04 | 24.8 | -0.4 | 20.5 | 01 | 190.5 | 411.5 | + 85.9 | 61.2 | 29 | 19 | + 3.5 | 8.3 | 6.5 | -1.6 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 32.2 | +0.8 | 35.9 | 06 | 25.0 | -0.7 | 23.0 | 05 | 133.4 | 282.2 | -128.5 | 108.0 | 29 | 12 | - 4.0 | 11.1 | 8.8 | -2.4 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 33.0 | +2.1 | 38.1 | 06 | 26.0 | +1.4 | 23.4 | 16 | 227.2 | 602.2 | +137.5 | 130.8 | 30 | 18 | + 2.3 | 8.8 | 7.9 | -2.2 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 30.7 | .. | 35.7 | 06 | 23.1 | .. | 21.2 | 08 | 125.9 | 348.0 | .. | 49.2 | 30 | 15 | .. | 6.7 | 3.9 | .. | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 32.9 | +1.3 | 37.5 | 06 | 26.9 | +1.3 | 25.0 | 13 | 190.4 | 353.9 | + 0.8 | 90.4 | 29 | 16 | + 0.1 | 8.3 | 5.9 | -0.8 | 1 | 21 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 33.1 | +2.0 | 37.6 | 06 | 25.2 | +0.8 | 23.3 | 31 | 163.2 | 332.7 | - 65.6 | 57.0 | 17 | 16 | - 0.6 | 5.5 | 3.5 | -0.9 | 0 | 18 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 32.1 | +0.6 | 37.1 | 06 | 25.2 | -0.3 | 23.1 | 29 | 100.6 | 332.1 | + 30.6 | 161.3 | 29 | 11 | - 3.9 | 16.6 | 13.3 | -2.6 | 1 | 18 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Puri | 30.7 | +0.1 | 32.3 | 06 | 25.5 | -1.2 | 19.0 | 60 | 2392.0 | 3752.0 | +470.3 | 648.1 | 71 | .. | .. | . | 0.0 | -3.3 | 1 | 30 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 30.5 | -0.3 | 33.8 | 27 | 25.4 | -0.7 | 24.0 | 08 | 77.7 | 133.7 | - 40.3 | 42.1 | 22 | 10 | + 0.6 | 20.4 | 16.9 | -0.4 | 0 | 14 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Koraput | 26.5 | +1.0 | 31.2 | 06 | 20.4 | 0.0 | 18.2 | 09 | 131.2 | 454.4 | - 10.2 | 88.0 | 28 | 19 | - 0.9 | . | 12.6[c] | .. | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 33.6 | +1.8 | 39.4 | 05 | 25.4 | +0.1 | 23.4 | 12 | 39.0 | 132.6 | -225.3 | 29.0 | 12 | 13 | - 5.2 | 8.1 | 4.7 | -0.8 | 0 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 35.7 | +3.2 | 38.8 | 10 | 26.3 | +0.8 | 23.6 | 31 | 31.4 | 54.6 | -296.2 | 14.6 | 20 | 8 | - 8.2 | 7.1[c] | 5.0[c] | -0.6 | 0 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 31.0 | +1.5 | 34.2 | 10 | 23.1 | -0.1 | 21.0 | 07 | 85.7 | 142.2 | -179.6 | 35.0 | 17 | 13 | - 4.7 | 11.2 | 8.9 | -0.4 | 0 | 18 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 33.0 | +1.8 | 38.0 | 05 | 25.5 | +0.7 | 22.8 | 12 | 112.0 | 171.5 | -192.2 | 27.5 | 18 | 15 | - 3.6 | 5.6 | 4.7 | -4.4 | 0 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 30.1 | +1.0 | 31.9 | 10 | 20.8 | -1.8 | 17.7 | 02 | 87.4 | 216.8 | -179.9 | 38.0 | 30 | 15 | - 3.5 | 8.4 | 7.0 | +0.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 30.3 | +1.5 | 34.4 | 05 | 23.0 | 0.0 | 21.6 | 07 | 40.9 | 168.7 | -137.9 | 50.6 | 12 | 12 | - 4.4 | 13.9 | 11.6 | 0.0 | 0 | 15 | 0 | 0 | 11 | 0 | 0 | 0 | 2 | 0 |
| Jamshedpur | 33.8 | +1.8 | 36.9 | 05 | 24.9 | -1.0 | 23.2 | 07 | 65.1 | 197.9 | -193.3 | 77.7 | 12 | 15 | - 3.2 | 10.3 | 7.7 | -0.1 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 33.2 | +1.2 | 36.4 | 05 | 25.7 | +0.2 | 23.8 | 07 | 59.5 | 144.9 | -140.7 | 77.8 | 12 | 11 | - 4.1 | 9.5 | 7.1 | +0.7 | 2 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Chaibasa | 33.3 | +1.6 | 37.6 | 05 | 25.0 | -0.3 | 22.3 | 14 | 130.4 | 256.6 | - 86.5 | 68.0 | 30 | 12 | - 4.3 | 5.5 | 3.5 | -0.4 | 0 | 15 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 33.3 | +0.8 | 36.1 | 10 | 24.1 | -1.2 | 20.5 | 13 | 103.8 | 208.5 | -139.5 | 59.8 | 15 | 9 | - 5.1 | 7.9[a] | 5.6[b] | -0.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 31.6 | -1.0 | 34.4 | 18 | 25.2 | +0.1 | 23.8 | 4 ds | 119.6 | 486.6 | - 37.5 | 117.4 | 11 | 15 | - 3.1 | 7.9 | 5.6 | -2.1 | 0 | 19 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 31.6 | -0.8 | 35.5 | 26 | 25.4 | -0.8 | 22.9 | 14 | 64.2 | 195.6 | -118.1 | 72.0 | 01 | 10 | - 3.4 | 9.9 | 6.9 | -0.1 | 0 | 11 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Chapra | 35.2 | .. | 37.2 | 28 | 26.8 | .. | 24.0 | 07 | 51.4 | 145.2 | -125.0 | 35.8 | 13 | 6 | - 7.3 | 7.4 | 5.5 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 32.2 | +0.2 | 35.4 | 05 | 24.3 | -1.6 | 21.8 | 14 | 152.0 | 233.8 | -133.5 | 29.2 | 14 | 18 | + 1.8 | 4.5[a] | 3.5 | -2.0 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Patna | 35.3 | +2.4 | 38.0 | 10 | 26.9 | +0.2 | 24.4 | 02 | 45.6 | 80.4 | -195.7 | 33.2 | 01 | 7 | - 6.2 | 9.1 | 8.7 | +0.1 | 1 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| *Patna Aerodrome* | 34.8 | +2.1 | 37.2 | 28 | 27.2 | +0.7 | 24.8 | 13 | 25.4 | 63.8 | -217.1 | 32.9 | 01 | 5 | - 7.6 | 11.0 | 8.5 | +0.6 | 0 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 2 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 46.4[f] | -279.7 | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhagalpur | 34.5 | +2.0 | 37.9 | 04 | 26.7 | +0.5 | 24.6 | 12 | 50.9 | 89.3 | -163.7 | 16.9 | 31 | 12 | - 1.3 | 8.8 | 6.8 | +0.2 | 1 | 19 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Sabaur | 33.9 | +1.6 | 37.6 | 04 | 26.1 | -0.2 | 24.7 | 20 | 36.8 | 86.6 | -169.7 | 22.8 | 20 | 10 | - 5.0 | 11.1 | 8.4 | -0.7 | 2 | 16 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| *Jamui* | 35.3 | +2.7 | 37.9 | 05 | 25.8 | -0.5 | 23.3 | 13 | 130.2 | 188.3[a] | - 56.4 | .. | .. | .. | .. | 7.5[d] | 6.0[b] | -0.1 | . | .. | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 36.4 | +3.4 | 40.0 | 12 | 27.3 | +0.9 | 0.0 | 00 | 25.3 | 81.5 | -200.7 | 36.1 | 28 | 6 | - 8.3 | 9.0 | 7.1 | +0.9 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| *Gaya* | 35.6 | +2.1 | 38.0 | 12 | 27.0 | +0.7 | 25.3 | 12 | 101.5 | 140.4 | -154.7 | 58.2 | 12 | 6 | - 8.7 | 15.5 | 11.5 | +0.2 | 0 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 5 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Bahraich | 34.5 | +1.5 | 38.6 | 10 | 26.8 | +0.5 | 23.6 | 22 | 158.4 | 233.2 | - 85.3 | 133.2 | 27 | 7 | - 5.2 | 10.3 | 7.8 | 0.0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 33.2 | +0.8 | 35.6 | 07 | 24.1 | -2.1 | 21.2 | 14 | 33.4 | 121.0 | -366.0 | 29.2 | 26 | 11 | - 3.3 | .. | .. | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Hardoi* | 35.6 | +2.0 | 39.8 | 12 | 27.0 | +0.4 | 24.5 | 26 | 54.6 | 121.2 | -213.5 | 51.0 | 01 | 4 | - 7.5 | 8.6 | 6.6 | -0.4 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 34.7 | +1.8 | 38.0 | 10 | 26.1 | -0.1 | 24.1 | 17 | 67.8 | 103.8 | -240.4 | 52.6 | 27 | 5 | - 9.3 | 9.5 | 6.5 | +0.1 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 35.5 | +1.9 | 39.6 | 12 | 27.1 | +0.5 | 24.1 | 06 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 35.5 | +2.3 | 39.6 | 12 | 27.0 | +0.7 | 24.1 | 06 | 88.8 | 300.3 | - 47.0 | 118.5 | 01 | 8 | + 6.7 | 14.0 | 10.3 | -0.6 | 1 | 11 | 0 | 0 | 11 | 0 | 1 | 0 | 2 | 0 |
| Faizabad | 34.9 | +1.9 | 37.8 | 11 | 26.6 | +1.0 | 25.0 | 21 | 92.0 | 143.5 | -212.6 | 34.2 | 02 | 9 | - 3.2 | 5.5 | 3.7 | -0.8 | 0 | 12 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 35.5 | +2.7 | 37.1 | 24 | 26.5 | +0.1 | 22.3 | 17 | 54.4 | 119.4 | -239.3 | 38.0 | 27 | 6 | - 8.0 | 7.3 | 6.0 | -0.3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 36.5 | +2.8 | 41.7 | 12 | 27.1 | +0.5 | 23.9 | 01 | 62.5 | 201.8 | - 60.6 | 117.6 | 01 | 7 | - 5.6 | 12.2 | 9.7 | -1.8 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 36.3 | .. | 40.8 | 12 | 27.5 | .. | 22.9 | 01 | 47.6 | 188.7 | .. | 136.0 | 01 | 6 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 6 | 0 | 3 | 0 | 3 | 0 |
| Sultanpur | 35.7 | +2.2 | 39.8 | 13 | 26.2 | 0.0 | 23.9 | 16 | 170.0 | 263.2 | - 67.7 | 81.8 | 29 | 8 | - 3.6 | 6.3 | 5.0 | -1.8 | 0 | 8 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 35.4 | +2.4 | 39.4 | 13 | 22.9 | -3.2 | 19.6 | 08 | 156.5 | 311.8 | + 27.3 | 86.0 | 27 | 12 | - 1.9 | 5.3 | 4.3 | .. | 0 | 15 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 36.3 | +2.5 | 42.3 | 12 | 27.1 | +0.4 | 23.4 | 01 | 44.8 | 113.9 | -166.7 | 62.8 | 01 | 6 | - 6.1 | 8.4 | 6.1 | +0.2 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 35.0 | +0.7 | 41.0 | 23 | 22.8 | -3.1 | 20.6 | 11 | 66.0 | 143.0 | - 94.0 | 54.6 | 01 | 5 | - 6.8 | 6.4 | 6.0 | -0.4 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 36.5 | +2.5 | 43.5 | 12 | 27.5 | +1.1 | 24.3 | 01 | 129.7 | 186.1 | -102.9 | 80.0 | 27 | 8 | - 5.6 | 5.0 | 3.8 | +0.9 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 36.1 | +2.5 | 44.7 | 12 | 27.7 | +1.1 | 24.0 | 02 | 48.6 | 110.3 | -203.1 | 58.4 | 01 | 5 | - 9.1 | 9.5 | 6.7 | -1.7 | 0 | 9 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 35.4 | +2.4 | 40.7 | 12 | 24.8 | -1.6 | 21.4 | 16 | 46.3 | 213.8 | -132.0 | 64.4 | 01 | 7 | - 8.1 | 15.2 | 12.4 | +1.0 | 0 | 11 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 36.2 | +2.7 | 41.5 | 13 | 26.5 | 0.0 | 23.5 | 01 | 10.4 | 129.7 | -180.7 | 56.6 | 01 | 7 | - 7.2 | 6.8 | 6.6 | -2.4 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 23.9 | +0.5 | 27.5 | 11 | 16.9 | -0.5 | 13.0 | 06 | 100.8 | 342.8 | -160.5 | 47.0 | 25 | 16 | - 5.4 | .. | .. | .. | 0 | 18 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 33.9 | +0.9 | 37.8 | 12 | 23.2 | -0.1 | 19.0 | 06 | 89.6 | 231.7 | - 34.8 | 70.2 | 25 | 10 | - 4.0 | 4.3 | 2.9 | .. | 3 | 13 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
| Dehra Dun | 30.8 | +0.4 | 35.2 | 11 | 23.1 | 0.0 | 20.2 | 14 | 120.5 | 843.6 | +188.0 | 487.0 | 25 | 13 | - 7.4 | 3.4 | 3.3 | +0.6 | 0 | 19 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 21.2 | .. | 25.1 | 11 | 15.0 | .. | 11.7 | 07 | .. | 605.7 | .. | 93.4 | 25 | 23 | .. | .. | .. | .. | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Roorkee | 34.9 | +1.6 | 40.0 | 12 | 23.7 | -1.8 | 21.6 | 09 | 103.0 | 501.5 | +190.1 | 237.7 | 25 | 10 | - 2.3 | 7.1 | 5.6 | -0.2 | 0 | 12 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 35.8 | +2.4 | 40.2 | 18 | 26.3 | +1.0 | 23.2 | 01 | 37.8 | 169.8 | -234.6 | 114.8 | 25 | 5 | - 8.7 | 7.5 | 8.4 | +1.8 | 0 | 5 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 36.4 | +2.1 | 41.5 | 12 | 25.3 | -1.1 | 21.6 | 27 | .. | 105.0 | -124.9 | 65.0 | 26 | 4 | - 6.4 | . | 6.1 | -1.0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 35.7 | +1.9 | 41.3 | 12 | 26.7 | +0.5 | 23.7 | 15 | 37.8 | 235.8 | - 82.7 | 72.2 | 25 | 7 | - 5.5 | 8.9 | 6.7 | +0.9 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Aligarh | 37.7 | +2.8 | 42.6 | 12 | 26.5 | -0.2 | 24.0 | 05 | 20.8 | 31.0 | -199.9 | 9.8 | 25 | 4 | - 5.9 | 11.4[k] | 8.2[k] | +0.1 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 37.6 | +2.6 | 43.2 | 12 | 26.6 | -0.1 | 24.5 | 28 | 49.1 | 95.0 | - 98.0 | 29.4 | 21 | 7 | - 3.2 | 13.0 | 8.1 | +3.4 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Agra | 38.4 | +3.6 | 43.5 | 11 | 27.9 | +0.9 | 23.5 | 05 | 124.0 | 136.3 | - 59.3 | 114.1 | 28 | 4 | - 6.4 | 7.7 | 5.6 | -0.2 | 0 | 6 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Agra (Aerodrome) | 38.2 | .. | 42.3 | 11 | 27.5 | .. | 23.6 | 05 | 9.6 | 53.6 | .. | 16.5 | 15 | 6 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 10 | 0 | 2 | 0 | 0 | 0 |
| Orai | 37.2 | +3.2 | 43.8 | 12 | 27.3 | +1.8 | 24.4 | 04 | 104.0 | 133.3 | -166.0 | 63.4 | 22 | 6 | - 7.3 | .. | .. | .. | 1 | 9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Jhansi | 37.4 | +3.9 | 44.3 | 12 | 27.2 | +1.3 | 24.2 | 22 | 32.1 | 62.7 | -243.4 | 25.0 | 28 | 6 | - 7.7 | 6.7 | 6.7 | -0.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 34.3 | +0.2 | 39.5 | 12 | 24.4 | -0.6 | 18.0 | 05 | 43.5 | 374.1 | - 69.8 | 115.5 | 21 | 10 | - 3.6 | .. | .. | .. | 1 | 12 | 0 | 0 | 14 | 0 | 2 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 35.8 | +0.2 | 40.8 | 11 | 25.0 | -0.9 | 20.9 | 05 | 58.8 | 148.5 | - 65.5 | 55.1 | 03 | 6 | - 2.8 | 10.6 | 9.0 | -2.5 | 0 | 11 | 0 | 0 | 10 | 0 | 4 | 0 | 4 | 0 |
| Adampur (Aerodrome) | 34.9 | .. | 40.2 | 12 | 25.0 | .. | 18.9 | 05 | 218.5 | 263.9 | .. | 68.8 | 25 | 10 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Ludhiana | 37.3 | +1.3 | 43.6 | 11 | 26.6 | -0.1 | 20.8 | 05 | 54.3 | 75.6 | -120.2 | 17.0 | 03 | 7 | - 1.7 | 7.1 | 4.9 | +0.7 | 0 | 11 | 0 | 0 | 3 | 0 | 7 | 0 | 0 | 0 |
| Ferozepur | 36.9 | +0.3 | 42.0 | 12 | .. | .. | .. | .. | 65.0 | 122.0 | - 27.9 | 39.0 | 29 | 5 | - 1.2 | 4.5 | 3.7 | +0.9 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 36.9 | .. | 41.7 | 12 | 25.5 | .. | 19.4 | 05 | 66.8 | 61.2 | .. | 27.9 | 05 | 5 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Chandigarh | 35.4 | +1.6 | 40.0 | 12 | 24.7 | +0.3 | 15.3 | 26 | 54.6 | 250.8 | - 25.7 | 104.0 | 25 | 6 | - 4.6 | .. | .. | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 36.2 | +1.0 | 41.8 | 12 | 25.7 | -0.3 | 21.4 | 05 | 97.0 | 226.3 | - 21.9 | 81.5 | 26 | 6 | - 4.8 | 8.0 | 6.6 | -0.5 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 36.5 | .. | 41.6 | 11 | 25.9 | .. | 21.4 | 05 | 57.3 | 234.3 | .. | 141.6 | 26 | 7 | .. | .. | .. | .. | 0 | 11 | 0 | 0 | 10 | 0 | 2 | 0 | 0 | 0 |
| Patiala | 37.4 | +2.2 | 42.9 | 12 | 26.2 | -0.2 | 21.9 | 05 | 92.4 | 205.1 | + 24.8 | 63.0 | 25 | 7 | - 1.3 | 9.6 | 7.9 | +0.4 | 0 | 7 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Bhatinda | 38.9 | +0.6 | 43.4 | 13 | 26.9 | -0.6 | 22.4 | 05 | 8.3 | 21.3 | - 53.5 | 7.0 | 04 | 3 | - 1.4 | 6.1 | 7.3 | -1.4 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Karnal | 36.4 | +1.5 | 41.3 | 13 | 26.3 | +0.6 | 21.5 | 04 | 48.2 | 125.6 | - 67.3 | 72.6 | 26 | 6 | - 2.8 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Hissar | 38.5 | +1.2 | 42.9 | 12 | 26.5 | -0.8 | 22.9 | 04 | 10.2 | 35.7 | - 72.0 | 22.5 | 27 | 2 | - 3.8 | 10.8 | 8.8 | -0.8 | 0 | 4 | 0 | 0 | 4 | 0 | 3 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 36.9 | +1.6 | 41.6 | 12 | 27.5 | +0.3 | 24.3 | 28 | 62.5 | 88.8 | - 97.4 | 29.6 | 28 | 6 | - 3.0 | 13.1 | 10.2 | -0.1 | 1 | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 |
| Palam (Aerodrome) | 37.4 | .. | 43.2 | 12 | 26.5 | .. | 22.5 | 04 | 70.8 | 94.2 | .. | 58.6 | 29 | 6 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 7 | 0 | 1 | 0 | 1 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 33.3 | +2.1 | 35.9 | 30 | 23.6 | +1.7 | 19.7 | 14 | 135.2 | 314.2 | -232.9 | 60.0 | 31 | 16 | - 4.3 | 1.6 | 1.0 | -1.6 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 32.6 | +0.1 | 37.0 | 12 | 22.6 | -1.4 | 18.3 | 05 | 109.0 | 227.1 | -213.1 | 74.7 | 25 | 8 | - 9.0 | .. | .. | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | 70.2 | - 22.8 | 12.4 | 05 | 9 | + 0.3 | .. | .. | .. | 0 | 12 | .. | .. | .. | .. | .. | . | .. | . |
| Leh | 24.8 | +0.1 | 32.0 | 31 | 9.4 | -0.8 | 5.1 | 05 | 0.0 | 3.4 | - 9.3 | 2.8 | 05 | 1 | - 0.5 | 6.9 | 7.2 | +2.0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Srinagar | 29.0 | -1.8 | 34.7 | 31 | 17.4 | -1.0 | 10.9 | 05 | 44.7 | 36.1 | - 20.0 | 10.6 | 04 | 5 | + 0.2 | 5.0 | 4.7 | +0.7 | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 27.9 | .. | 33.1 | 31 | 17.2 | .. | 10.4 | 06 | 13.6 | 41.1 | .. | 9.7 | 04 | 8 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | 20.0 | -1.4 | 26.7 | 12 | 9.5 | -1.0 | 2.7 | 06 | 66.6 | 113.5 | + 13.2 | 37.5 | 13 | 10 | + 0.9 | 8.5 | 5.8 | +0.5 | 0 | 15 | 0 | 1 | 11 | 3 | 1 | 0 | 0 | 0 |
| Qazigund | 26.9 | .. | 31.4 | 31 | 16.0 | .. | 5.6 | 15 | 21.5 | 63.2 | .. | 21.1 | 04 | 7 | .. | 2.7 | 3.4 | .. | 1 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 27.6 | .. | 30.8 | 02 | 16.5 | .. | 10.1 | 05 | 30.9 | 86.6 | .. | 23.4 | 31 | 6 | .. | .. | .. | .. | 2 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 35.6 | +0.2 | 40.3 | 12 | 25.1 | -0.9 | 20.7 | 03 | 133.3 | 279.3 | - 48.1 | 51.8 | 20 | 9 | - 2.8 | 5.5 | 4.5 | .. | 1 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 35.4 | .. | 41.0 | 12 | 25.4 | .. | 21.5 | 05 | 62.4 | 234.1 | .. | 46.4 | 31 | 9 | .. | .. | .. | .. | 1 | 11 | 0 | 0 | 18 | 0 | 2 | 0 | 1 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 39.8 | +1.0 | 44.9 | 12 | 27.7 | -0.4 | 21.6 | 04 | 5.8 | 25.2 | - 49.1 | 11.2 | 04 | 3 | - 1.0 | 6.3 | 5.6 | -7.7 | 0 | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | 42.8 | .. | 46.0 | 13 | 28.2 | .. | 21.4 | 06 | 0.0 | 12.0 | .. | 12.0 | 22 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahajan | 40.2 | .. | 45.5 | 12 | 28.3 | .. | 21.3 | 06 | 0.0 | 29.4 | .. | 29.4 | 30 | 3 | .. | 13.5 | 13.0 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 38.9 | +2.2 | 43.8 | 12 | 27.6 | +0.5 | 22.3 | 04 | 83.3 | 136.1 | - 8.3 | 67.8 | 25 | 6 | - 0.8 | 16.8 | 13.1 | +0.6 | 0 | 10 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 39.5 | +0.6 | 43.6 | 12 | 28.3 | +0.3 | 22.7 | 05 | 2.1 | 47.2 | - 45.3 | 31.0 | 23 | 3 | - 2.2 | 13.7 | 13.2 | +0.4 | 0 | 4 | 0 | 0 | 12 | 0 | 3 | 0 | 0 | 0 |
| Nagaur | 38.5 | +2.1 | 42.4 | 10 | 26.9 | -0.5 | 22.3 | 06 | 8.7 | 20.5 | - 57.5 | 6.1 | 18 | 3 | - 1.2 | 14.4 | 13.2 | -1.6 | 0 | 7 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| Phalodi | 39.0 | +2.1 | 43.2 | 20 | 26.7 | -0.4 | 24.0 | 17 | 13.4 | 39.5 | - 29.3 | 12.0 | 17 | 4 | 0.0 | 22.4 | 19.7 | -3.9 | 0 | 5 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| Jaisalmer | 38.7 | +1.0 | 45.0 | 20 | 16.5 | -0.0 | 14.4 | 17 | 0.0 | 19.0 | - 63.2 | 17.8 | 17 | 1 | - 3.1 | 22.4 | 22.6 | -2.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 37.3 | +1.6 | 40.7 | 11 | 26.7 | -0.1 | 21.4 | 05 | 37.0 | 134.3 | + 26.1 | 46.0 | 05 | 6 | + 0.1 | 15.1 | 13.6 | -3.0 | 0 | 8 | 0 | 0 | 6 | 0 | 1 | 0 | 4 | 0 |
| Barmer | 38.8 | +2.7 | 43.0 | 20 | 26.7 | +0.4 | 23.7 | 16 | 29.9 | 31.6 | - 59.1 | 20.6 | 16 | 3 | - 2.2 | 11.9 | 11.7 | -0.7 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 35.7 | +2.8 | 40.6 | 12 | 28.8 | +3.3 | 22.0 | 06 | 40.2 | 155.5 | - 30.7 | 45.6 | 18 | 8 | + 0.3 | 8.0 | 7.5 | -3.0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 38.3 | +1.3 | 43.5 | 12 | 26.3 | -0.7 | 21.0 | 04 | 77.2 | 98.6 | - 7.9 | 61.6 | 25 | 4 | - 1.0 | 17.0 | 14.0 | -0.9 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 37.6 | +2.9 | 41.6 | 12 | 26.5 | +0.5 | 21.6 | 06 | 2.2 | 46.4 | -109.1 | 25.0 | 31 | 4 | - 4.3 | 13.4 | 10.7 | +1.5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 38.0 | +3.2 | 43.0 | 12 | 28.7 | +1.4 | 22.5 | 05 | 58.0 | 99.4 | -114.6 | 21.2 | 05 | 9 | - 1.5 | 4.6 | 3.4 | -1.9 | 0 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Pre-cipi-tation 0.1 & 0.2 mm. | Pre-cipi-tation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 36.6 | +2.5 | 41.7 | 12 | 26.2 | +0.6 | 22.7 | 05 | 94.3 | 64.8 | -122.7 | 14.2 | 15 | 9 | - 1.2 | .. | .. | .. | 1 | 13 | 0 | 0 | 14 | 0 | 0 | 0 | 1 | 0 |
| Dholpur | 37.8 | +3.6 | 43.5 | 13 | 27.4 | +0.4 | 22.8 | 05 | 21.7 | 124.3 | -105.4 | 83.9 | 26 | 6 | - 7.2 | 9.0 | 6.2 | -1.5 | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 36.6 | +3.4 | 40.8 | 19 | 26.2 | +0.6 | 20.9 | 06 | 8.8 | 38.0 | -121.0 | 14.0 | 31 | 5 | - 3.8 | 15.0 | 13.5 | +1.9 | 0 | 9 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 38.0 | +2.5 | 42.7 | 12 | 27.7 | +1.0 | 23.2 | 14 | 3.0 | 154.8 | - 23.4 | 83.3 | 14 | 4 | - 5.4 | 14.6 | 11.4 | +0.9 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 36.1 | .. | 42.0 | 12 | 24.7 | .. | 21.0 | 17 | 58.0 | 202.6 | .. | 54.0 | 31 | 10 | .. | 11.6 | 10.9 | .. | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Kota | 36.1 | +2.8 | 42.0 | 12 | 24.7 | -1.7 | 21.0 | 17 | 58.0 | 202.6 | - 68.9 | 54.0 | 31 | 10 | - 1.7 | 11.6 | 10.9 | +2.7 | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 37.3 | .. | 43.6 | 12 | 27.0 | .. | 22.6 | 29 | 39.2 | 136.2 | .. | 38.8 | 26 | 7 | .. | 15.3 | 15.4 | .. | 0 | 11 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 36.3 | +3.7 | 42.6 | 12 | 26.1 | +1.7 | 23.3 | 06 | 42.2 | 237.0 | -161.6 | 89.1 | 31 | 10 | - 2.4 | 10.1 | 11.3 | +2.4 | 2 | 13 | 0 | 0 | 11 | 0 | 2 | 0 | 0 | 0 |
| Udaipur | 33.1 | +2.4 | 39.5 | 12 | 23.9 | 0.0 | 21.0 | 15 | 90.4 | 179.1 | - 35.0 | 38.8 | 17 | 10 | - 0.6 | 6.3 | 4.6 | -1.7 | 0 | 10 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 36.3 | +4.0 | 43.9 | 12 | 23.2 | -1.7 | 20.3 | 30 | 33.2 | 263.4 | -115.3 | 82.2 | 31 | 10 | - 4.1 | 12.1 | 10.7 | +1.1 | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 34.7 | .. | 41.5 | 11 | 24.8 | .. | 22.9 | 04 ds | 89.5 | 135.3 | .. | 50.0 | 15 | 9 | .. | 12.4 | 11.2 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 37.5 | +3.4 | 43.8 | 12 | 28.1 | +1.5 | 25.4 | 26 | 78.8 | 138.5 | -155.5 | 38.9 | 28 | 7 | - 8.0 | 12.6 | 8.9 | +1.1 | 1 | 10 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 37.2 | +3.4 | 43.3 | 12 | 26.8 | +0.9 | 23.3 | 25 | 26.4 | 265.7 | - 39.8 | 94.6 | 25 | 14 | + 1.4 | 11.7 | 9.6 | +1.3 | 0 | 15 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 35.7 | .. | 41.2 | 12 | 24.1 | .. | 21.5 | 28 | 60.4 | 152.6 | .. | 51.4 | 26 | 13 | .. | 12.1 | 10.5 | .. | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 36.1 | +3.2 | 42.8 | 12 | 26.4 | +1.0 | 23.9 | 21 | 17.8 | 143.2 | -210.6 | 60.0 | 21 | 6 | - 7.9 | 8.5 | 5.9 | -1.2 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Guna | 35.9 | +4.8 | 43.0 | 12 | 25.1 | +1.1 | 22.8 | 30 | 109.3 | 172.7 | -212.1 | 56.6 | 23 | 11 | - 5.1 | 14.8 | 12.2 | +0.2 | 2 | 13 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 33.9 | +3.0 | 40.9 | 12 | 24.7 | +0.9 | 21.0 | 06 | 78.7 | 135.0 | -132.5 | 23.7 | 17 | 12 | + 0.8 | 15.7 | 14.6 | +0.1 | 0 | 14 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 34.9 | +2.8 | 43.6 | 12 | 25.9 | +1.6 | 22.1 | 13 | 107.9 | 345.6 | - 80.4 | 68.1 | 31 | 8 | - 6.7 | 14.1 | 12.4 | -1.0 | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 34.3 | +4.6 | 40.5 | 13 | 22.8 | -0.1 | 20.2 | 14 | 188.8 | 336.4 | - 80.4 | 181.2 | 31 | 9 | - 7.7 | 10.4 | 10.2 | -0.3 | 0 | 14 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 33.0 | +2.8 | 38.8 | 12 | 22.8 | -0.6 | 19.5 | 06 | 132.0 | 223.5 | -126.1 | 65.2 | 15 | 12 | - 2.7 | 13.8 | 12.9 | +1.4 | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 33.5 | +3.6 | 41.2 | 12 | 24.2 | +1.0 | 22.2 | 31 | 86.0 | 270.2 | -220.5 | 65.7 | 29 | 10 | - 6.5 | 18.4 | 16.6 | +3.4 | 0 | 13 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 33.3 | .. | 41.1 | 12 | 23.8 | .. | 21.6 | 30 | 125.6 | 272.7 | .. | 73.8 | 15 | 15 | .. | 18.2 | 16.8 | .. | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 35.3 | .. | 41.4 | 12 | 24.0 | .. | 22.0 | 31 | 147.2 | 292.3 | .. | 58.0 | 27 | 10 | .. | 9.3 | 6.3 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 34.3 | +4.1 | 43.2 | 12 | 25.5 | +1.5 | 22.8 | 19 | 144.7 | 331.5 | -107.7 | 58.6 | 19 | 13 | - 3.3 | 7.7 | 6.7 | +0.6 | 0 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Indore | 32.5 | +3.0 | 39.9 | 12 | 23.6 | +1.0 | 22.0 | 31 | 146.8 | 241.7 | - 58.5 | 56.1 | 31 | 11 | - 2.8 | 23.3 | 21.7 | -4.5 | 2 | 16 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 33.0 | +2.4 | 38.6 | 13 | .. | .. | .. | .. | 113.8 | 160.6 | -172.1 | 72.6 | 20 | 13 | - 1.6 | 13.4 | 13.1 | -0.1 | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 31.6 | +3.2 | 37.6 | 12 | 24.0 | +1.6 | 22.0 | 19 | 188.4 | 318.6 | - 4.8 | 60.4 | 23 | 14 | - 3.1 | 11.6 | 7.9 | -0.2 | 0 | 19 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 32.1 | +3.4 | 38.0 | 12 | 23.5 | +1.1 | 22.1 | 19 | 171.6 | 383.8 | - 36.1 | 77.8 | 19 | 15 | - 3.3 | 9.1 | 6.6 | -1.0 | 0 | 19 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Betul | 31.3 | +3.2 | 38.6 | 10 | 22.9 | +0.6 | 21.0 | 19 | 115.5 | 254.6 | - 83.9 | 41.4 | 30 | 15 | - 2.3 | 7.5 | 6.0 | -2.3 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 34.3 | +3.4 | 41.4 | 11 | 25.0 | +1.2 | 22.4 | 19 | 88.6 | 236.1 | - 31.4 | 40.9 | 23 | 13 | + 0.3 | 17.1 | 15.2 | +1.2 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 34.9 | +3.0 | 40.0 | 12 | 26.0 | +0.9 | 22.6 | 01 | 55.4 | 147.1 | -209.8 | 75.4 | 01 | 8 | - 7.8 | 8.9 | 7.1 | -0.5 | 0 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 35.6 | .. | 41.1 | 12 | 25.0 | .. | 22.0 | 01 | 87.2 | 220.5 | .. | 47.1 | 17 | 8 | .. | 7.8 | 5.6 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 35.4 | +2.2 | 40.4 | 11 | 26.2 | +1.0 | 23.6 | 01 | 47.3 | 86.0 | -234.9 | 14.2 | 01 | 10 | - 4.4 | 8.5 | 6.1 | -1.5 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 33.7 | +3.1 | 40.0 | 12 | 25.2 | +1.2 | 22.7 | 12 | 52.8 | 247.7 | -165.2 | 44.4 | 31 | 12 | - 6.3 | 7.1 | 5.4 | -0.8 | 1 | 13 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 34.1 | +3.8 | 40.0 | 12 | 25.5 | +1.6 | 22.6 | 07 | 142.7 | 290.9 | -192.5 | 56.2 | 30 | 14 | - 4.1 | 8.2 | 6.3 | -1.9 | 1 | 15 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 32.0 | +2.5 | 34.9 | 10 | 24.0 | +0.8 | 22.6 | 01 | 61.1 | 143.8 | -291.0 | 43.8 | 27 | 12 | - 5.7 | 11.9 | 8.2 | -1.1 | 0 | 13 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Jashpurnagar | 29.6 | .. | 32.4 | 06 | 22.0 | .. | 21.0 | 15 | 97.6 | 226.0 | .. | 33.0 | 27 | 21 | .. | 8.7 | 6.5 | .. | 0 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 31.1 | +2.4 | 35.1 | 10 | 23.5 | +0.7 | 21.7 | 08 | 154.0 | 250.3 | -116.2 | 45.0 | 30 | 15 | - 3.4 | 9.4 | 7.5 | -0.5 | 0 | 19 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 32.9 | +2.8 | 37.7 | 10 | 23.9 | +0.6 | 22.4 | 25 | 80.8 | 287.6 | -208.8 | 77.2 | 30 | 15 | - 5.5 | 6.7 | 4.3 | +0.4 | 0 | 19 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 |
| Champa | 33.5 | +2.1 | 37.2 | 06 | 25.5 | +0.6 | 23.2 | 02 | 80.8 | 324.8 | - 89.2 | 70.4 | 26 | 12 | - 6.8 | 7.7 | 5.4 | -2.9 | 1 | 17 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 33.4 | +1.9 | 38.5 | 06 | 25.5 | +0.5 | 23.2 | 17 | 300.3 | 389.1 | - 86.1 | 79.4 | 30 | 14 | - 4.6 | 7.0 | 6.0 | -1.0 | 0 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 33.0 | +2.7 | 37.7 | 06 | 24.7 | +0.6 | 22.5 | 31 | 102.1 | 199.9 | -170.9 | 40.9 | 18 | 14 | - 1.9 | 11.3 | 9.5 | -2.3 | 0 | 16 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 31.1 | +2.0 | 36.1 | 07 | 25.0 | +1.4 | 22.9 | 15 | 126.8 | 279.4 | - 88.7 | 60.1 | 14 | 15 | - 2.1 | 11.4 | 8.8 | -1.2 | 0 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 29.9 | +1.8 | 38.9 | 07 | 23.4 | +1.2 | 21.4 | 31 | 132.9 | 279.4 | -105.2 | 50.5 | 26 | 17 | - 2.3 | .. | .. | .. | 1 | 18 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 35.3 | +1.9 | 40.4 | 12 | 25.7 | +0.2 | 23.3 | 07 | 71.2 | 143.0 | -101.6 | 33.6 | 17 | 8 | - 2.1 | 14.5 | 11.3 | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 34.8 | +0.6 | 39.9 | 12 | 24.3 | -0.1 | 21.7 | 30 | 61.3 | 142.1 | - 62.8 | 52.0 | 16 | 8 | - 0.2 | 12.0 | 10.0 | -2.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 33.1 | +1.4 | 38.8 | 12 | 25.4 | +1.0 | 23.2 | 19 | 62.5 | 183.3 | -295.8 | 46.6 | 20 | 12 | - 1.6 | 10.0 | 8.3 | -0.5 | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 31.7 | -1.5 | 41.0 | 12 | 26.2 | +0.5 | 24.2 | 17 | 92.4 | 294.8 | - 49.4 | 85.9 | 20 | 12 | - 1.4 | 7.5 | 7.0 | -3.8 | 0 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 1 | 0 |
| Dohad | 33.1 | +2.7 | 39.5 | 12 | 24.3 | +0.3 | 22.5 | 20 | 71.1 | 96.3 | -166.7 | 41.6 | 20 | 7 | - 5.7 | 22.6 | 22.7 | -6.4 | 0 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 34.0 | .. | 39.2 | 12 | 25.5 | .. | 22.8 | 15 | 167.8 | 365.7 | .. | 81.4 | 15 | 11 | .. | 10.5 | 8.5 | .. | 0 | 13 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 33.6 | +1.5 | 39.5 | 12 | 25.9 | +0.3 | 23.4 | 17 | 158.8 | 304.6 | - 39.0 | 90.2 | 17 | 12 | - 2.2 | 13.1 | 11.8 | -1.2 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 34.0 | +1.6 | 39.7 | 12 | 26.2 | +0.8 | 23.9 | 17 | 145.6 | 329.6 | - 39.5 | 81.0 | 28 | 15 | - 0.9 | 10.5 | 9.3 | +1.0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | 33.2 | +1.2 | 40.9 | 13 | 25.7 | 0.0 | 23.8 | 17 | 167.1 | 338.1 | + 5.3 | 63.0 | 28 | 13 | - 1.6 | 12.4 | 10.1 | -1.1 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 32.0 | +1.5 | 37.4 | 12 | 24.5 | -1.2 | 21.7 | 07 | 238.4 | 590.4 | +148.4 | 125.8 | 28 | 14 | - 2.5 | 13.9 | 11.4 | -0.4 | 0 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 32.2 | +0.4 | 34.8 | 19 | 26.1 | 0.0 | 23.0 | 20 | 47.0 | 99.0 | -206.1 | 47.6 | 20 | 4 | - 4.8 | 25.2 | 21.0 | -0.9 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 34.2 | +1.2 | 37.2 | 15 | 26.5 | +0.2 | 23.6 | 20 | 40.7 | 104.[illegible] | - 46.2 | 60.5 | 20 | 4 | - 1.6 | 24.3 | 21.0 | +1.0 | 1 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **AURASHTRA AND KUTCH (INCLUDING DIU)** contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 34.5 | .. | 39.0 | 12 | .. | .. | .. | .. | 148.2 | 209.4 | .. | 134.0 | 18 | 5 | .. | 31.4 | 26.8 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 33.4 | +0.8 | 36.1 | 13 | 26.7 | +0.1 | 22.8 | 20 | 162.2 | 240.6 | + 57.2 | 113.8 | 18 | 6 | - 2.0 | 29.5 | 29.7 | +2.1 | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 31.8 | +0.7 | 33.9 | 20 | 27.1 | +0.2 | 24.0 | 20 | 18.0 | 84.5 | -127.5 | 49.5 | 21 | 3 | - 6.2 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 35.0 | +0.9 | 39.9 | 12 | 26.3 | +0.4 | 24.2 | 18 | 56.9 | 176.2 | - 2.5 | 72.4 | 20 | 6 | - 1.9 | 16.7 | 16.1 | -4.2 | 1 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Okha | 30.7 | .. | 32.6 | 17 | 25.9 | .. | 23.4 | 20 | 35.4 | 158.7 | .. | 87.6 | 20 | 6 | .. | 27.0 | 25.5 | .. | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 33.7 | +1.4 | 37.4 | 01 | 25.6 | -0.6 | 23.2 | 20 | 69.0 | 139.4 | - 86.4 | 43.6 | 20 | 9 | + 0.9 | .. | .. | .. | 1 | 15 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Dwarka | 31.2 | +1.0 | 32.7 | 15 | 27.0 | +0.1 | 23.8 | 20 | 98.0 | 189.4 | + 2.5 | 68.8 | 20 | 5 | - 1.3 | 21.9 | 22.9 | -4.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 33.8 | +1.2 | 37.6 | 14 | 25.1 | +0.2 | 23.0 | 07 | 127.0 | 224.1 | -148.0 | 61.2 | 18 | 8 | - 4.7 | 29.2 | 26.3 | -2.0 | 1 | 14 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 34.6 | +1.4 | 39.2 | 06 | 26.4 | +0.4 | 24.0 | 08 | 201.5 | 251.8 | + 22.1 | 76.5 | 27 | 10 | - 1.0 | 24.6 | 22.5 | +7.8 | 0 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 31.2 | +1.1 | 32.7 | 11 | 26.4 | -0.1 | 23.2 | 08 | 74.6 | 127.7 | -251.7 | 53.4 | 20 | 8 | - 3.4 | 21.4 | 18.0 | .. | 0 | 16 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Keshod | 32.0 | +1.1 | 35.0 | 12 | 25.3 | +0.1 | 21.9 | 07 | 111.4 | 283.6 | -234.7 | 111.8 | 07 | 11 | - 2.6 | 28.1 | 23.5 | -3.7 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 32.7 | .. | 38.1 | 11 | 25.5 | .. | 23.9 | 27 | 98.8 | 139.8 | -127.1 | 24.8 | 17 | 12 | + 0.2 | 17.2 | 15.0 | .. | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 30.7 | +1.2 | 32.7 | 12 | 26.2 | 0.0 | 23.1 | 08 | 92.2 | 157.9 | - 62.1 | 40.6 | 16 | 13 | + 3.3 | 29.2 | 28.2 | -0.4 | 1 | 18 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 31.7 | +2.0 | 36.8 | 02 | 25.7 | +0.6 | 23.4 | 27 | 334.2 | 746.7 | -140.2 | 136.2 | 17 | 17 | - 6.5 | 20.0 | 17.9 | -7.4 | 1 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 30.3 | +0.7 | 32.9 | 10 | 25.2 | +0.4 | 22.2 | 17 | 370.8 | 944.0 | - 3.4 | 291.3 | 19 | 22 | - 2.4 | 19.8 | 16.4 | -2.6 | 1 | 26 | 0 | 0 | 8 | 0 | 0 | 0 | 2 | 0 |
| Bombay | 30.0 | +0.2 | 32.5 | 07 | 25.6 | +0.5 | 23.4 | 18 | 360.5 | 883.9 | +270.5 | 156.5 | 19 | 22 | - 0.2 | 15.2 | 13.9 | -0.9 | 0 | 26 | 0 | 0 | 3 | 0 | 0 | 0 | 11 | 0 |
| Alibag | 29.9 | +0.7 | 31.9 | 13 | 25.4 | +0.1 | 23.1 | 18 | .. | 801.3 | +200.6 | 181.8 | 19 | 24 | + 0.3 | . | 23.4 | -5.4 | 0 | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Bhira | 29.0 | .. | 35.4 | 10 | 23.9 | .. | 22.4 | 17 | 865.2 | 1915.8 | .. | 232.4 | 29 | 29 | .. | 4.0 | 3.0 | .. | 0 | 29 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 29.1 | +0.8 | 30.7 | 12 | 25.1 | +0.4 | 23.0 | 17 | 395.4 | 932.0 | + 14.8 | 114.8 | 19 | 25 | - 2.0 | 22.5 | 20.9 | -1.2 | 0 | 27 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 29.3 | +0.7 | 31.7 | 03 | 24.7 | 0.0 | 22.4 | 18 | 523.6 | 1137.1 | +287.2 | 198.8 | 18 | 27 | + 0.8 | 21.3 | 19.8 | .. | 0 | 28 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 28.8 | +0.3 | 32.4 | 08 | 24.6 | 0.0 | 22.5 | 18 | 393.6 | 961.0 | +169.6 | 163.8 | 18 | 26 | - 0.1 | 28.0 | 26.5 | -2.3 | 0 | 27 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 29.2 | +0.5 | 32.0 | 10 | 24.3 | +0.3 | 22.4 | 17 | 386.9 | 1093.6 | - 54.3 | 132.6 | 14 | 23 | - 5.0 | 11.0 | 8.8 | .. | 0 | 29 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 29.3 | .. | 31.7 | 09 | 24.3 | .. | 22.5 | 18 | 310.7 | 979.4 | .. | 147.3 | 14 | 26 | .. | 16.6 | 15.5 | .. | 1 | 28 | 0 | 0 | 2 | 0 | 0 | 0 | 3 | 0 |
| Mormugao | 29.0 | +1.0 | 31.6 | 09 | 24.4 | +0.4 | 22.3 | 18 | 274.2 | 758.2 | - 79.5 | 97.4 | 14 | 22 | - 4.5 | 21.9 | 21.3 | -1.8 | 1 | 25 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 29.5 | .. | 32.6 | 09 | 24.7 | .. | 22.6 | 18 | 306.8 | 911.7 | .. | 110.5 | 17 | 21 | .. | 13.7[e] | 11.6[e] | .. | 0 | 25 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 32.4 | +1.5 | 39.0 | 12 | 23.8 | -0.2 | 22.3 | 30 | 101.4 | 260.3 | + 23.3 | 47.0 | 15 | 13 | + 0.4 | 14.9 | 11.6 | +0.2 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 35.1 | +3.0 | 40.4 | 12 | 24.6 | +0.6 | 22.9 | 29 | 54.2 | 258.2 | + 16.2 | 36.0 | 30 | 12 | - 2.5 | 22.3 | 18.5 | +3.1 | 0 | 18 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 32.8 | +1.7 | 37.7 | 09 | 23.1 | +0.1 | 21.6 | 30 | 150.0 | 284.4 | +169.3 | 99.8 | 30 | 12 | + 4.3 | 14.4 | 11.9 | -1.3 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 30.5 | .. | 35.4 | 11 | 21.8 | .. | 20.4 | 01 | 44.3[g] | 120.7[f] | .. | .. | .. | .. | .. | . | 21.5[k] | .. | .. | .. | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 30.9 | +1.4 | 37.7 | 11 | 22.0 | +0.3 | 19.4 | 06 | 33.0 | 82.0 | - 15.5 | 22.4 | 11 | 10 | + 3.2 | 13.6 | 9.5 | -2.0 | 1 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1576.6 | -303.6 | 208.0 | 29 | 27 | - 2.9 | .. | .. | .. | 0 | 27 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 29.3 | .. | 34.9 | 08 | 21.8 | .. | 20.5 | 17 | 119.2 | 204.5 | .. | 48.8 | 29 | 15 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 |
| Poona | 29.4 | +1.2 | 36.0 | 12 | 22.5 | +0.5 | 21.4 | 29 | 104.8 | 241.9 | + 73.0 | 54.2 | 11 | 17 | + 4.1 | 15.0 | 11.7 | .. | 3 | 20 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 31.6 | +0.3 | 36.9 | 05 | 22.2 | +0.4 | 21.0 | 03 | 25.5 | 73.6 | - 33.8 | 12.4 | 11 | 9 | + 1.1 | 20.8 | 15.3 | -1.7 | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 30.7 | +1.0 | 36.7 | 09 | 22.3 | +0.2 | 21.1 | 07 | 12.0 | 84.2 | + 24.7 | 34.2 | 09 | 7 | + 1.3 | 19.0 | 15.2 | -2.0 | 0 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 32.3 | +0.9 | 38.0 | 07 | 22.6 | +0.3 | 21.3 | 29 | 85.4 | 166.6 | + 57.4 | 34.3 | 18 | 12 | + 4.1 | 11.9 | 8.8 | -4.2 | 1 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 28.6 | +0.7 | 33.4 | 07 | 21.6 | 0.0 | 20.7 | 16 | 102.8 | 171.4 | + 61.4 | 25.4 | 29 | 15 | + 5.3 | .. | .. | .. | 1 | 19 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Kolhapur | 27.4 | +1.1 | 33.3 | 09 | 21.3 | +0.1 | 20.1 | 22 | 219.3 | 458.5 | +105.2 | 55.7 | 16 | 23 | + 4.3 | .. | .. | .. | 0 | 26 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Udgiri | 22.8 | .. | 27.1 | 11 | 19.3 | .. | 18.2 | 28 | 989.9 | 2439.0 | .. | 248.0 | 30 | 27 | .. | 17.0 | 16.7 | .. | 0 | 28 | 0 | 0 | 4 | 30 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 31.0 | +1.5 | 37.0 | 08 | 22.1 | +0.3 | 20.8 | 30 | 175.2 | 385.8 | +212.3 | 124.4 | 30 | 19 | + 7.3 | 18.5 | 15.8 | -3.0 | 0 | 22 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 31.0 | +0.9 | 36.6 | 08 | 22.2 | +0.4 | 20.8 | 17 | 158.1 | 402.4 | +226.4 | 109.0 | 30 | 16 | + 3.7 | 20.0 | 16.8 | -1.5 | 1 | 20 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 33.4 | +1.6 | 39.1 | 12 | 23.3 | +0.5 | 21.2 | 17 | 30.8 | 210.6 | + 18.8 | 50.0 | 30 | 14 | + 2.1 | 14.6 | 12.0 | -2.0 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nander | 33.8 | .. | 38.8 | 07 | 23.3 | .. | 16.0 | 31 | 38.7 | 202.4 | .. | 29.2 | 30 | 15 | .. | 14.8 | 10.9 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 32.8 | .. | 38.9 | 11 | 23.2 | .. | 21.7 | 17 | 43.8 | 125.6 | .. | 28.4 | 30 | 12 | .. | 13.9 | 10.4 | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 33.6 | +3.1 | 38.5 | 11 | 25.2 | +0.9 | 23.0 | 31 | 143.3 | 519.3 | + 89.7 | 95.6 | 30 | 18 | + 0.1 | 6.9 | 4.5 | -1.6 | 0 | 21 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 34.3 | +3.1 | 40.6 | 12 | 25.5 | +1.5 | 22.0 | 18 | 255.0 | 428.7 | + 52.5 | 60.1 | 19 | 17 | + 0.7 | 15.9 | 12.5 | .. | 0 | 19 | 0 | 0 | 16 | 0 | 0 | 0 | 3 | 0 |
| Amraoti | 33.0 | +2.7 | 40.2 | 11 | 24.6 | +1.2 | 22.2 | 30 | 180.4 | 378.6 | +130.4 | 82.5 | 29 | 15 | + 1.8 | 17.6 | 15.3 | -1.2 | 1 | 20 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 34.0 | .. | 40.5 | 12 | 22.3 | .. | 20.0 | 30 | 104.7 | 343.6 | .. | 111.7 | 13 | 12 | .. | 14.8 | 13.4 | .. | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Akola | 33.7 | +2.3 | 40.4 | 11 | 25.0 | +1.1 | 22.8 | 30 | 93.4 | 282.0 | + 44.5 | 73.7 | 29 | 13 | + 0.4 | 14.3 | 12.3 | -0.8 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 33.6 | +3.2 | 39.4 | 13 | 24.9 | +1.1 | 22.2 | 23 | 152.1 | 404.4 | -185.9 | 91.4 | 23 | 15 | - 4.1 | 11.5 | 9.5 | +0.6 | 0 | 15 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 30.6 | +1.9 | 36.6 | 11 | 22.3 | +0.4 | 20.5 | 19 | 101.3 | 342.5 | +118.3 | 56.1 | 29 | 14 | + 0.9 | 10.1 | 8.9 | -5.1 | 0 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 32.8 | +2.6 | 39.5 | 10 | 23.8 | +1.0 | 21.5 | 31 | 207.8 | 489.4 | +178.6 | 143.5 | 16 | 16 | - 0.7 | 20.5 | 18.6 | +1.5 | 0 | 16 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Chanda | 33.4 | +2.5 | 39.9 | 07 | 25.9 | +1.6 | 23.3 | 30 | 332.8 | 682.8 | +289.9 | 178.2 | 26 | 15 | - 2.1 | 15.6 | 11.7 | +1.9 | 0 | 20 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 33.5 | .. | 40.4 | 12 | 24.5 | .. | 19.8 | 26 | 113.1 | 231.1 | .. | 67.4 | 29 | 14 | .. | 15.4 | 12.5 | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 33.0 | +1.5 | 39.8 | 05 | 26.0 | +1.1 | 22.8 | 23 | 283.4 | 774.0 | +335.0 | 168.9 | 23 | 17 | - 1.4 | 11.0 | 7.1 | +1.4 | 0 | 19 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 34.1 | .. | 40.4 | 12 | 25.7 | .. | 23.3 | 19 | 117.9 | 272.1 | .. | 46.8 | 23 | 17 | .. | 13.1 | 11.2 | .. | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

**TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER** July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 34.2 | .. | 40.8 | 12 | 24.6 | .. | 21.7 | 30 | 102.6 | 597.6 | .. | 115.0 | 26 | 17 | .. | 12.9[a] | 10.1[b] | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 30.9 | -0.7 | 32.8 | 13 | 26.1 | +0.2 | 23.9 | 28 | 126.8 | 229.9 | + 92.2 | 59.2 | 28 | 11 | + 2.3 | 18.2 | 13.2 | -0.8 | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Vishakhapatnam | 33.5 | +1.8 | 39.4 | 05 | 26.4 | +0.4 | 23.4 | 31 | 74.4 | 123.6 | + 11.6 | 36.4 | 28 | 8 | - 0.4 | 23.1 | 16.5 | 0.0 | 1 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 32.4 | +0.6 | 39.1 | 07 | 25.6 | +0.2 | 23.0 | 07 | 83.4 | 275.6 | + 84.9 | 35.0 | 09 | 16 | + 3.9 | 15.1 | 12.0 | -0.3 | 0 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 32.3 | +1.3 | 40.4 | 06 | 25.6 | +0.7 | 23.2 | 31 | 200.6 | 260.4 | - 16.9 | 38.8 | 15 | 15 | - 1.0 | 16.0 | 11.1 | -2.3 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 35.2 | +1.1 | 40.4 | 08 | 26.4 | +1.1 | 22.5 | 23 | 30.0 | 224.4 | +116.5 | 81.0 | 23 | 10 | + 1.7 | 11.7 | 12.0 | -1.3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 33.8 | +1.2 | 41.0 | 07 | 25.8 | +0.5 | 22.8 | 23 | 67.7 | 332.7 | + 74.4 | 104.9 | 25 | 14 | - 0.1 | 20.0 | 16.1 | -0.1 | 1 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ongole | 35.8 | +1.7 | 41.2 | 06 | 24.6 | -1.9 | 23.0 | 27 | .. | 188.0 | + 84.4 | 72.6 | 22 | 12 | + 4.1 | .. | .. | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 35.9 | +0.3 | 40.8 | 04 | 26.8 | +0.1 | 23.8 | 24 | 0.0 | 72.7 | + 2.1 | 25.3 | 24 | 7 | + 1.5 | 14.2 | 11.0 | +1.4 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 33.7 | +1.6 | 41.0 | 06 | 25.8 | +1.1 | 22.4 | 30 | 213.4 | 357.2 | + 62.4 | 104.4 | 24 | 13 | - 3.4 | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Karimnagar | 33.7 | +2.5 | 39.6 | 07 | 25.1 | +0.7 | 22.4 | 29 | 88.2 | 271.0 | + 43.4 | 55.6 | 26 | 13 | - 0.6 | 8.6 | 11.7 | -0.7 | 0 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 31.1 | .. | 36.9 | 05 | 22.6 | .. | 20.4 | 31 | 29.3 | 144.5 | .. | 40.6 | 13 | 12 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 33.1 | +1.2 | 40.8 | 07 | 25.8 | +0.9 | 22.9 | 31 | 103.7 | 395.1 | +156.0 | 57.0 | 25 | 17 | + 3.2 | 7.9 | 7.5 | -1.2 | 0 | 19 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Hyderabad (Begumpet) | 31.8 | +2.0 | 37.0 | 07 | 23.3 | +1.0 | 21.3 | 17 | 25.1 | 134.4 | - 18.0 | 33.9 | 23 | 10 | - 1.1 | 24.0 | 20.8 | -1.3 | 1 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 33.4 | +0.8 | 40.6 | 07 | 25.7 | +0.8 | 23.1 | 29 | 115.5 | 375.9 | +118.1 | 71.0 | 25 | 16 | + 2.3 | 8.2 | 5.5 | -4.2 | 0 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 31.2 | +1.3 | 36.5 | 07 | 23.1 | +0.6 | 21.3 | 29 | 121.4 | 335.8 | + 86.7 | 51.4 | 30 | 15 | - 0.3 | 13.5 | 11.4 | -3.1 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 33.4 | +0.9 | 38.5 | 09 | 24.2 | +0.4 | 21.9 | 30 | 91.6 | 167.3 | + 61.4 | 37.5 | 30 | 14 | + 5.0 | 21.5 | 18.0 | -3.3 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Anantapur | 33.4 | +1.0 | 37.1 | 04 | 24.3 | +0.6 | 21.9 | 17 | 40.8 | 67.8 | + 15.7 | 21.9 | 26 | 6 | + 2.3 | 22.2 | 18.2 | -0.7 | 1 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| *Cuddapah* | 34.6 | +0.1 | 38.9 | 03 | 26.0 | +0.4 | 23.1 | 23 | 11.6 | 115.2 | + 8.3 | 67.0 | 09 | 5 | - 1.9 | 8.5 | 7.9 | -2.5 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 30.5 | +0.5 | 33.5 | 06 | 21.1 | -0.6 | 18.2 | 09 | 30.9 | 54.9 | - 32.1 | 17.0 | 09 | 4 | - 2.5 | 13.1 | 13.6 | -0.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 34.3 | -0.1 | 38.3 | 04 | 25.9 | +0.1 | 23.3 | 15 | 12.3 | 102.7 | - 1.1 | 37.5 | 15 | 6 | - 1.7 | 12.4 | 9.0 | +0.8 | 1 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 35.0 | -0.2 | 39.0 | 04 | 26.0 | -0.3 | 22.1 | 15 | 24.6 | 144.5 | + 57.9 | 63.2 | 15 | 7 | + 0.3 | 14.5 | 11.6 | -3.0 | 1 | 11 | 0 | 0 | 8 | 0 | 0 | 1 | 0 | 0 |
| Vellore | 35.1 | +0.8 | 38.8 | 04 | 25.4 | -0.1 | 22.7 | 06 | 0.0 | 30.0 | - 78.2 | 23.1 | 06 | 1 | - 5.1 | 16.1 | 11.3 | +1.4 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 35.4 | .. | 40.2 | 04 | 25.8 | .. | 22.8 | 04 | 20.3 | 139.1 | .. | 48.2 | 15 | 6 | .. | .. | .. | .. | 0 | 9 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 35.0 | +2.1 | 38.0 | 06 | 24.1 | +1.1 | 22.0 | 22 | 0.0 | 53.6 | - 60.1 | 25.3 | 06 | 4 | - 1.0 | 8.7 | 7.3 | -1.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 33.9 | .. | 36.9 | 06 | 23.7 | .. | 20.7 | 09 | 9.0 | 144.3 | .. | 88.8 | 07 | 5 | .. | 5.0 | 5.4 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 34.8 | -0.6 | 37.5 | 28 | 26.0 | -0.1 | 24.1 | 22 | 7.8 | 36.0 | - 30.3 | 14.0 | 22 | 6 | + 0.8 | 12.6 | 10.6 | +0.2 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 35.9 | +0.9 | 38.7 | 03 | 25.5 | +0.4 | 24.0 | 10 | 10.4 | 17.7 | - 76.6 | 11.4 | 09 | 2 | - 3.6 | 11.8 | 9.5 | .. | 2 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Salem | 33.3 | -0.1 | 36.4 | 03 | 24.3 | +0.7 | 22.9 | 09 | 19.6 | 93.0 | - 4.3 | 37.6 | 22 | 7 | - 0.1 | 9.4 | 7.1 | -1.9 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 31.4 | +1.4 | 34.0 | 02 | 21.8 | +0.1 | 20.9 | 09 | 4.5 | 45.7 | + 5.2 | 33.6 | 09 | 3 | - 0.7 | 30.6 | 30.4 | -0.6 | 2 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Coimbatore | 31.0 | +2.0 | 33.4 | 02 | 22.4 | +0.4 | 20.9 | 10 | .. | 38.6 | - 8.4 | 25.2 | 09 | 3 | - 2.0 | . | 16.0 | -0.3 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 35.9 | +0.6 | 39.2 | 03 | 26.5 | +0.2 | 33.4 | 11 | 9.0 | 52.6 | + 13.5 | 34.4 | 04 | 3 | + 0.2 | 16.2 | 12.1 | +0.8 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 35.6 | +0.1 | 39.0 | 04 | 26.1 | +0.2 | 23.2 | 07 | 4.6 | 94.1 | + 58.0 | 59.4 | 07 | 3 | + 0.6 | 20.0 | 16.7 | -4.7 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Atirampattinam | 33.4 | .. | 36.4 | 03 | 26.1 | .. | 23.6 | 15 | 0.0 | 82.8 | .. | 38.2 | 15 | 4 | .. | 18.2 | 13.6 | .. | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 36.0 | +0.3 | 40.1 | 27 | 25.1 | -0.6 | 22.4 | 10 | .. | 33.7 | - 10.0 | 17.4 | 08 | 4 | + 1.2 | . | 6.6 | -2.7 | 0 | 4 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Madurai Aerodrome | 35.5 | +0.6 | 38.2 | 06 | 26.1 | +0.7 | 23.8 | 02 | 9.9 | 10.8 | - 45.9 | 8.4 | 16 | 1 | - 2.2 | 20.1 | 16.7 | +0.5 | 0 | 6 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 33.4 | +0.3 | 38.2 | 31 | 26.0 | +0.2 | 25.1 | 17 | 6.6 | 8.2 | - 31.9 | 5.4 | 09 | 1 | - 1.4 | 20.0 | 15.4 | +0.5 | 0 | 3 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 31.3 | -0.2 | 32.8 | 03 | 26.4 | -0.1 | 24.0 | 30 | 0.0 | 0.0 | - 10.9 | 0.0 | .. | 0 | - 0.8 | 25.0 | 19.3 | +2.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 35.3 | +0.9 | 37.3 | 22 | 25.9 | -0.6 | 24.3 | 18 | 0.0 | 0.0 | - 10.4 | 0.0 | .. | 0 | - 0.8 | 21.7 | 18.6 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 35.6 | +1.2 | 37.9 | 11 | 25.8 | -0.6 | 24.0 | 18 | 0.0 | 0.0 | - 7.9 | 0.0 | .. | 0 | - 0.6 | 24.2 | 16.0 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 29.8 | .. | 32.5 | 03 | 23.8 | .. | 22.8 | 20 | 2.2 | 23.9 | .. | 6.6 | 19 | 3 | .. | 21.1 | 17.6 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 27.8 | -0.2 | 31.4 | 11 | 25.1 | +1.1 | 22.3 | 22 | 346.0 | 1064.1 | + 58.7 | 111.0 | 21 | 28 | + 0.4 | 10.8 | 9.4 | .. | 1 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Honavar* | 28.5 | +0.3 | 31.4 | 03 | 23.1 | -0.4 | 21.0 | 06 | 452.5 | 1186.0 | +112.1 | 189.9 | 21 | 28 | - 1.5 | .. | .. | .. | 1 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 28.3 | +0.5 | 30.9 | 09 | 22.9 | +0.2 | 21.5 | 18 | 346.7 | 1070.3 | -269.1 | 140.7 | 17 | 31 | + 2.4 | 10.0 | 8.1 | -2.0 | 0 | 31 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 28.7 | +0.2 | 30.8 | 09 | 23.3 | -0.2 | 22.0 | 06 | 317.2 | 929.1 | - 90.5 | 94.0 | 17 | 30 | + 2.4 | 9.7 | 8.6 | -0.8 | 0 | 31 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 30.3 | +1.3 | 36.7 | 06 | 22.1 | +0.8 | 20.4 | 30 | 63.1 | 184.1 | - 22.2 | 28.6 | 26 | 15 | + 3.4 | 21.9 | 20.2 | -2.3 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 32.1 | +0.7 | 37.4 | 07 | 23.0 | +0.5 | 21.6 | 04 | 32.1 | 116.4 | - 19.7 | 23.2 | 26 | 9 | 0.0 | .. | .. | .. | 0 | 17 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 30.9 | +0.8 | 36.8 | 07 | 22.3 | +0.6 | 21.2 | 29 | 18.6 | 110.2 | + 51.5 | 51.2 | 10 | 9 | + 4.5 | 17.7 | 13.7 | -1.3 | 1 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 33.6 | +1.6 | 38.4 | 12 | 23.8 | +0.9 | 21.8 | 30 | 40.0 | 78.1 | - 39.8 | 14.8 | 16 | 8 | - 0.8 | 22.5 | 19.4 | -2.3 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 26.4 | +1.2 | 33.6 | 09 | 20.6 | +0.8 | 19.0 | 18 | 227.2 | 512.2 | + 61.1 | 50.0 | 16 | 24 | + 1.6 | 12.6 | 10.0 | -4.4 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| INTERIOR MYSORE, NORTH (contd) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) | 26.3 | +0.9 | 32.4 | 09 | 20.8 | +0.7 | 19.7 | 18 | 142.0 | 325.2 | - 1.7 | 35.2 | 29 | 20 | - 0.6 | 20.3 | 16.0 | -10.0 | 1 | 25 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 29.2 | +0.7 | 33.4 | 07 | 21.3 | +0.1 | 20.1 | 29 | 37.1 | 91.2 | + 23.6 | 24.0 | 07 | 10 | + 3.5 | 19.6 | 16.9 | -2.7 | 1 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| INTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 31.9 | +0.4 | 36.1 | 05 | 24.3 | +0.3 | 21.6 | 09 | 16.0 | 152.0 | +111.4 | 50.0 | 07 | 5 | + 1.7 | 19.5 | 13.5 | -1.3 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 28.4 | +0.3 | 32.8 | 04 | 21.2 | +0.4 | 19.0 | 07 | 48.4 | 159.3 | + 84.9 | 52.8 | 09 | 11 | + 2.4 | 14.0 | 12.3 | -2.6 | 2 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 28.3 | +1.5 | 33.6 | 07 | 20.6 | -0.5 | 19.2 | 30 | 45.8 | 242.4 | - 40.4 | 40.4 | 30 | 18 | - 0.9 | 8.5 | 5.3 | -1.4 | 0 | 20 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 23.4 | .. | 27.0 | 11 | 19.6 | .. | 18.2 | 18 | .. | 2291.0 | .. | 171.0 | 25 | 31 | .. | . | 6.8 | .. | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 24.6 | +1.9 | 29.6 | 09 | 18.4 | -0.1 | 17.5 | 30 | .. | 802.5 | - 93.4 | 86.0 | 20 | 25 | - 3.1 | .. | .. | .. | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 26.1 | +1.3 | 32.5 | 11 | 18.6 | -0.3 | 17.7 | 18 | 57.4 | 104.0 | - 46.4 | 16.4 | 21 | 13 | - 0.5 | 14.2 | 11.1 | -4.2 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 27.8 | +0.6 | 32.5 | 04 | 20.1 | +0.9 | 18.4 | 07 | 35.3 | 125.4 | + 14.1 | 37.4 | 08 | 11 | + 2.5 | 18.2 | 14.6 | -2.9 | 0 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 28.1 | +0.3 | 32.1 | 04 | 18.6 | -0.7 | 16.2 | 07 | 42.8 | 110.9 | + 16.5 | 21.0 | 10 | 8 | - 0.7 | .. | .. | .. | 3 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 28.0 | +0.7 | 31.5 | 05 | 20.8 | +1.1 | 19.1 | 07 | 29.6 | 46.4 | - 22.7 | 12.2 | 09 | 6 | - 1.5 | 21.7 | 15.0 | +0.9 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 28.1 | -0.1 | 30.4 | 30 | 23.6 | +0.3 | 21.6 | 22 | 195.2 | 791.5 | - 65.8 | 63.3 | 01 | 27 | + 0.4 | 5.0 | 4.7 | -4.5 | 0 | 28 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 28.4 | +0.3 | 31.0 | 09 | 22.6 | 0.0 | 21.8 | 17 | 133.2 | 490.8 | - 49.0 | 48.0 | 10 | 23 | + 0.6 | 14.3 | 12.4 | -0.9 | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 28.2 | +0.1 | 29.9 | 04 | 23.5 | -0.2 | 22.2 | 21 | 169.4 | 966.4 | +352.2 | 104.9 | 09 | 29 | + 4.5 | 11.6 | 8.6 | -1.0 | 0 | 30 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 29.2 | .. | 30.7 | 31 | 23.7[b] | .. | 22.0 | 16 | 130.2 | 661.7 | .. | 73.9 | 09 | 25 | .. | 8.4 | 8.0 | .. | 1 | 27 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 28.7 | -0.1 | 30.6 | 05 | 23.5 | +0.2 | 22.4 | 02 | 95.0 | 385.2 | -158.6 | 50.6 | 02 | 29 | + 5.9 | 12.7 | 10.8 | -1.2 | 0 | 30 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 30.6 | +1.0 | 32.5 | 09 | 23.0 | +0.3 | 22.1 | 23 | 80.3 | 270.1 | -141.4 | 35.8 | 20 | 22 | + 1.7 | 5.9 | 3.6 | -1.1 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 29.2 | +0.1 | 30.5 | 10 | 23.7 | +0.5 | 22.5 | 20 | 65.9 | 161.8 | - 61.2 | 46.7 | 20 | 11 | - 4.6 | 14.9 | 10.9 | 0.0 | 2 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 28.9 | -0.3 | 30.7 | 28 | 23.8 | +0.4 | 22.4 | 20 | .. | 141.0 | -119.6 | 46.2 | 20 | 10 | - 4.6 | . | 7.5 | -1.7 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 29.6 | +0.3 | 31.6 | 09 | 25.1 | -0.3 | 23.3 | 10 | 134.4 | 422.3 | +110.4 | 118.2 | 10 | 17 | + 0.5 | 36.3 | 36.3 | +3.1 | 0 | 26 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 29.4 | .. | 30.6 | 28 | 25.7 | .. | 23.4 | 04 | 113.8 | 457.5 | .. | 77.6 | 03 | 17 | .. | 23.1 | 23.8 | .. | 0 | 21 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Androth | 30.6 | .. | 31.8 | 01 | 24.8 | .. | 23.1 | 05 | 178.8 | 526.4 | .. | 61.4 | 08 | 23 | .. | 7.4 | 6.5 | .. | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 29.7 | +0.2 | 32.1 | 25 | 25.1 | 0.0 | 23.1 | 07 | 113.3 | 280.8 | + 42.5 | 55.6 | 02 | 15 | + 1.1 | 17.3 | 17.1 | +0.8 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 24.6 | +0.9 | 28.1 | 12 | 13.8 | -3.0 | 10.1 | 05 | 121.0 | 366.8 | -224.3 | 88.5 | 26 | 12 | - 7.9 | 2.6 | 3.7 | +0.9 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 27.8 | +0.5 | 30.9 | 19 | 20.5 | -0.7 | 15.8 | 14 | 146.3 | 642.8 | -412.5 | 184.6 | 26 | 16 | - 6.3 | 5.8 | 4.1 | +0.3 | 0 | 19 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Bauntar | 30.9 | .. | 34.3 | 12 | 19.0 | .. | 13.7 | 06 | 44.4 | 179.5 | .. | 53.9 | 31 | 9 | .. | 13.0 | 8.6 | .. | 0 | 15 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Simla | 21.8 | +0.8 | 25.1 | 18 | .. | .. | .. | .. | 121.3 | 254.3 | -161.8 | 47.6 | 26 | 13 | - 7.0 | 0.9[d] | 0.9 | -1.9 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 285.6 | -154.4 | 74.6 | 25 | 12 | - 5.8 | .. | .. | .. | 14 | 12 | .. | .. | .. | .. | .. | . | .. | . |
| Ghangaria (Kanjalia Tok) | 17.1 | .. | 21.1 | 30 | 9.7 | .. | 6.1 | 06 | .. | 399.0 | .. | 51.4 | 25 | 23 | .. | .. | .. | .. | 2 | 25 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Badrinath (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 24.6 | -0.5 | 28.0 | 11 | 16.0 | -1.6 | 12.4 | 06 | 42.4 | 318.4 | + 17.6 | 41.0 | 31 | 19 | - 1.0 | 6.0 | 4.4 | -0.3 | 0 | 19 | 0 | 0 | 1 | 19 | 0 | 0 | 0 | 0 |
| Mussoorie | 21.3 | +0.5 | 24.1 | 12 | 15.8 | -0.1 | 13.2 | 06 | 190.6 | 560.6 | -236.8 | 150.0 | 25 | 19 | - 4.2 | 9.6 | 7.8 | +2.2 | 0 | 19 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 22.1 | +1.6 | 26.2 | 11 | 14.9 | +0.2 | 12.7 | 07 | 170.0 | 380.8 | + 64.8 | 112.6 | 25 | 13 | - 4.9 | 13.0 | 13.4 | +1.3 | 0 | 20 | 0 | 0 | 10 | 4 | 0 | 0 | 0 | 0 |
| Nainital | 22.2 | +0.8 | 26.0 | 12 | 16.4 | -0.5 | 12.1 | 13 | 251.0 | 883.6 | +114.2 | 265.0 | 25 | 16 | - 7.6 | 9.5 | 6.7 | -1.6 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 25.3 | +1.2 | 27.0 | 06 | 19.7 | +0.5 | 17.0 | 02 | 144.8 | 1069.0 | +456.1 | 226.0 | 30 | 25 | + 2.5 | 5.0 | 3.8 | -3.6 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 19.5 | -0.3 | 22.4 | 20 | 14.3 | -1.1 | 13.4 | 13 | 177.1 | 776.0 | - 33.5 | 199.0 | 01 | 28 | + 2.4 | 2.9 | 2.1 | -0.2 | 0 | 31 | 0 | 0 | 2 | 10 | 0 | 0 | 0 | 0 |
| Kohima | 24.7 | +0.7 | 27.1 | 19 | 20.4 | +1.4 | 18.2 | 12 | 121.4 | 332.0 | - 49.8 | 54.0 | 28 | 20 | - 2.9 | . | 1.9 | -1.0 | 0 | 25 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) | 24.4 | -0.4 | 26.5 | 09 | 17.7 | -1.6 | 16.5 | 13 | 110.9 | 401.9 | + 43.0 | 88.3 | 01 | 22 | + 3.3 | .. | .. | .. | 1 | 23 | 0 | 0 | 3 | 9 | 0 | 0 | 0 | 0 |
| Cherrapunji | 24.2 | +2.0 | 25.4 | 30 | 17.8 | -0.6 | 15.0 | 02 | .. | 1874.3 | -542.0 | 408.2 | 01 | 28 | + 0.4 | 6.5[b] | 9.3[c] | -2.2 | 0 | 29 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 |
| Abu | 25.8 | +1.5 | 30.6 | 13 | 18.8 | -0.5 | 16.2 | 04 | 67.6 | 364.2 | -232.5 | 77.6 | 15 | 15 | - 3.0 | 11.8 | 8.7 | -2.9 | 0 | 16 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 27.9 | +3.6 | 34.5 | 10 | 21.2 | +1.3 | 19.5 | 21 | 266.6 | 632.4 | - 93.8 | 154.6 | 31 | 17 | - 5.4 | 7.4 | 7.3 | -1.7 | 0 | 19 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 20.4 | +1.4 | 26.0 | 12 | 17.0 | +0.3 | 16.1 | 19 | 1030.1 | 2334.9 | -211.2 | 336.8 | 29 | 28 | - 2.0 | 19.0 | 18.5 | -1.5 | 0 | 30 | 0 | 0 | 2 | 30 | 0 | 0 | 0 | 0 |
| Mercara | 20.9 | +0.7 | 25.2 | 11 | 16.7 | -0.4 | 15.2 | 22 | 373.7 | 797.0 | -332.3 | 95.6 | 20 | 23 | - 5.4 | 16.9 | 16.7 | 0.0 | 0 | 29 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund | 18.6 | +2.2 | 21.7 | 03 | 10.5 | -0.4 | 7.8 | 09 | 98.4 | 222.0 | + 20.8 | 39.6 | 04 | 17 | + 1.2 | 16.4 | 8.8 | -2.1 | 0 | 24 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 22.0 | +0.8 | 24.6 | 03 | 14.2 | -0.9 | 12.4 | 05 | .. | 93.2 | + 28.7 | 23.4 | 06 | 11 | + 4.1 | .. | .. | .. | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 17.7 | +0.6 | 21.5 | 03 | 11.3 | -0.2 | 9.9 | 27 | 117.9 | 214.1 | + 96.5 | 56.3 | 09 | 12 | + 1.9 | 16.6 | 17.2 | +0.5 | 5 | 21 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 27.8 | -0.7 | 30.7 | 10 | 20.2 | +0.1 | 18.5 | 11 | 71.9 | 396.7 | + 1.0 | 55.0 | 12 | 19 | - 1.9 | 1.6 | 0.7 | -0.8 | 0 | 27 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 18.5 | +0.7 | 20.4 | 21 | .. | .. | .. | .. | .. | 283.8 | + 30.2 | 45.0 | 24 | 25 | 0.0 | .. | .. | .. | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 33.3 | .. | 36.7 | 10 | 25.1 | .. | 14.1 | 19 | 78.6 | 117.8 | .. | 28.2 | 17 | 9 | .. | 11.6 | 8.1 | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 30.9 | .. | 33.9 | 05 | 23.3 | .. | 21.0 | 07 | 59.3 | 124.8 | .. | 33.8 | 17 | 12 | .. | 10.8 | 6.5 | .. | 0 | 19 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Konar | 36.8 | .. | 40.1 | 01 | 21.1 | .. | 19.9 | 24 | 16.3 | 117.6 | .. | 24.5 | 30 | 11 | .. | 5.9 | 4.6 | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 34.6 | .. | 38.0 | 05 | 23.0 | .. | 20.0 | 07 | 55.8 | 100.3 | .. | 22.6 | 20 | 9 | .. | 10.2 | 7.3 | .. | 3 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maithon | 34.0 | .. | 37.9 | 05 | 24.3 | .. | 22.5 | 02 | 114.8 | 176.1 | .. | 23.1 | 11 | 15 | .. | .. | .. | .. | 0 | 19 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ramgarh | 35.0 | .. | 43.6 | 07 | 25.3 | .. | 23.2 | 07 | 64.6 | 165.8 | .. | 35.1 | 31 | 16 | .. | 7.4[m] | 5.5[m] | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 33.4 | .. | 37.4 | 05 | 26.3 | .. | 24.5 | 07 | 51.0 | 138.1 | .. | 28.4 | 02 | 12 | .. | 7.6 | 6.0 | .. | 2 | 17 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 33.6 | .. | 37.4 | 05 | 25.0 | .. | 22.6 | 02 | 51.0 | 175.9 | .. | 62.2 | 09 | 8 | .. | 15.0 | 12.1 | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 32.1 | .. | 35.8 | 06 | 22.9 | .. | 21.3 | 01 | .. | 219.6 | .. | 38.8 | 30 | 14 | .. | .. | .. | .. | 0 | 22 | 0 | 0 | 4 | 0 | 0 | 0 | 1 | 0 |
| Hirakud | 33.7 | .. | 36.6 | 06 | 26.3 | .. | 23.9 | 08 | 222.8 | 464.8 | .. | 102.2 | 30 | 15 | .. | 6.4 | 3.6 | .. | 0 | 22 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 31.8 | .. | 36.0 | 05 | 24.2 | .. | 22.7 | 12 | 152.6 | 204.2 | .. | 39.0 | 28 | 14 | .. | 1.9 | 0.7 | .. | 0 | 22 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 |
| Sonepur | 32.8 | .. | 37.0 | 06 | 25.9 | .. | 23.4 | 18 | .. | 533.4 | .. | 197.7 | 30 | 13 | .. | .. | 5.5 | .. | 0 | 18 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 30.9 | .. | 35.6 | 07 | 24.3 | .. | 21.1 | 03 | .. | 259.1 | .. | 43.0 | 29 | 13 | .. | 11.6 | 8.9 | .. | 0 | 13 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 33.9 | .. | 42.2 | 12 | 23.9 | .. | 20.2 | 19 | 125.7 | 333.8 | .. | 73.8 | 31 | 14 | .. | 12.6 | 10.2 | .. | 3 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 34.4 | .. | 42.2 | 12 | 24.9 | .. | 22.0 | 20 | 87.5 | 450.7 | .. | 81.5 | 19 | 16 | .. | 17.2 | 15.6 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 35.0 | .. | 41.2 | 12 | .. | .. | .. | .. | .. | 234.8 | .. | 66.0 | 19 | 12 | .. | .. | .. | .. | 2 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 34.7 | .. | 39.8 | 12 | 23.9 | .. | 22.0 | 07 | 56.2 | 207.0 | .. | 59.2 | 15 | 8 | .. | .. | .. | .. | 0 | 16 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 25.1 | .. | 28.8 | 16 | 14.3 | .. | 12.2 | 09 | 0.0 | 23.0 | .. | 12.0 | 31 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 28.5 | .. | 30.6 | 28 | 21.5 | .. | 19.9 | 14 | 264.0 | 1265.6 | .. | 252.4 | 12 | 29 | .. | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 25.7 | .. | 27.9 | 10 | 18.8[a] | .. | 16.0 | 08 | 27.8 | 274.5 | .. | 29.6 | 16 | 27 | .. | .. | .. | .. | 0 | 29 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 28.8 | .. | 31.0 | 18 | 21.8 | .. | 19.9 | 14 | 78.1 | 1120.5 | .. | 185.8 | 12 | 25 | .. | 2.3 | 1.4 | .. | 0 | 30 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 27.4 | .. | 30.1 | 10 | 20.8 | .. | 19.0 | 13 | 80.3 | 427.4 | .. | 103.2 | 12 | 19 | .. | .. | .. | .. | 1 | 23 | 0 | 0 | 8 | 23 | 0 | 0 | 0 | 0 |
| Nuwakot | 29.6[b] | .. | 31.3 | 29 | 21.4[a] | .. | 19.7 | 12 | 90.6 | 404.1 | .. | 58.6 | 12 | 21 | .. | .. | .. | .. | 0 | 24 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 26.3 | .. | 28.5 | 12 | 19.1 | .. | 17.1 | 26 | 159.4 | 420.6 | .. | 74.0 | 20 | 20 | .. | .. | .. | .. | 0 | 23 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | Temporarily closed from 28.5.1966 | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 26.4[a] | .. | 29.5 | 12 | 19.4 | .. | 17.5 | 27 | 56.3 | 259.9 | .. | 40.6 | 02 | 15 | .. | .. | .. | .. | 0 | 18 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 32.4 | .. | 34.7 | 18 | 25.4[a] | .. | 22.9 | 16 | 135.2 | 591.2 | .. | 186.8 | 02 | 22 | .. | .. | .. | .. | 0 | 24 | .. | .. | .. | .. | .. | . | .. | . |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 25.3 | .. | 28.6 | 02 | 17.8 | .. | 16.1 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 15.8[f] | .. | 20.4 | 16 | 12.2 | .. | 7.8 | 01 | 74.5 | 367.7 | .. | 36.6 | 01 | 27 | .. | .. | .. | .. | 0 | 29 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 27.3 | .. | 31.1 | 21 | 18.7 | .. | 17.5 | 13 | 92.0 | 635.4 | .. | 65.4 | 28 | 30 | .. | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 22.9 | .. | 26.8 | 18 | 18.3 | .. | 16.7 | 13 | 69.3 | 295.3 | .. | 46.9 | 24 | 18 | .. | .. | .. | .. | 0 | 22 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 23.8 | .. | 26.2 | 21 | 17.8[b] | .. | 16.5 | 01 | 108.6 | 468.5 | .. | 60.0 | 01 | 26 | .. | .. | .. | .. | 1 | 29 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| Okhaldhunga | .. | .. | .. | .. | 17.2 | .. | 15.6 | 11 | 164.1 | 565.3 | .. | 76.0 | 03 | 21 | .. | 2.3 | 2.2 | .. | 0 | 25 | 0 | 0 | 1 | 19 | 0 | 0 | 0 | 0 |
| Chainpur | 27.3 | .. | 30.0 | 18 | 20.3 | .. | 17.3 | 24 | 68.5 | 303.4 | .. | 62.6 | 01 | 14 | .. | .. | .. | .. | 0 | 18 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 29.3 | .. | 31.4 | 10 | .. | .. | .. | .. | 67.9 | 477.5 | .. | 80.4 | 01 | 21 | .. | .. | .. | .. | 0 | 21 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 30.8 | .. | 34.1 | 19 | 24.2 | .. | 23.2 | 13 | 352.6 | 980.3 | .. | 235.8 | 01 | 27 | .. | 4.7 | 2.5 | .. | 1 | 30 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 23.5 | .. | 27.0 | 18 | 17.1 | .. | 16.2 | 14 | 129.9 | 571.5 | .. | 72.2 | 01 | 29 | .. | .. | .. | .. | 1 | 30 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 |
| Gezing | 25.0 | .. | 29.2 | 18 | 18.3 | .. | 15.6 | 30 | 62.1 | 515.0 | .. | 78.1 | 01 | 18 | .. | .. | .. | .. | 0 | 21 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| AY ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1006.8 | 1003.7 | -0.7 | 26.9 | 25.5 | 24.9 | 31.5 | 89 | + 3 | 7.1 | +0.9 | 13.5 | 0 | 10 | 20 | 00 | 0 | 0 | 0 | 1 | 18 | 10 | 1 | 1 | 0 |
| | 1730 | 28 | 1005.1 | 1002.0 | -1.0 | 26.6 | 25.2 | 24.6 | 30.9 | 89 | + 1 | 6.9 | +0.6 | 13.3 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 0 | 0 |
| Long Island | 0830 | 25 | 1007.3 | 1004.5 | -0.7 | 27.4 | 25.7 | 24.9 | 31.5 | 87 | + 1 | 6.6 | +0.4 | 2.6 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 17 | 1 | 0 | 13 | 0 |
| | 1730 | 25 | 1005.7 | 1002.8 | -0.5 | 27.2 | 25.5 | 24.7 | 31.1 | 87 | + 1 | 6.7 | +0.3 | 2.1 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 16 | 0 |
| Port Blair | 0530 | 79 | 1006.5 | 997.5 | .. | 25.4 | 24.4 | 23.9 | 29.7 | 92 | .. | 7.4 | .. | 16.8 | 0 | 11 | 18 | 00 | 0 | 0 | 0 | 11 | 17 | 1 | 0 | 2 | 0 |
| | 0830 | 79 | 1007.7 | 998.8 | -0.3 | 26.9 | 25.3 | 24.6 | 30.9 | 87 | + 3 | 7.3 | +0.3 | 21.9 | 0 | 19 | 12 | 00 | 0 | 0 | 1 | 10 | 19 | 1 | 0 | 0 | 0 |
| | 1130 | 79 | 1007.0 | 998.1 | .. | 27.7 | 25.6 | 24.7 | 31.1 | 83 | .. | 7.5 | .. | 25.9 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 13 | 18 | 0 | 0 | 0 | 0 |
| | 1430 | 79 | 1005.5 | 996.6 | .. | 27.5 | 25.4 | 24.5 | 30.7 | 83 | .. | 7.3 | .. | 27.9 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 8 | 22 | 1 | 0 | 0 | 0 |
| | 1730 | 79 | 1005.9 | 997.0 | -0.1 | 26.5 | 24.9 | 24.2 | 30.2 | 88 | + 0 | 7.3 | +0.0 | 18.8 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 | 0 |
| | 2030 | 79 | 1007.7 | 998.7 | .. | 25.8 | 24.7 | 24.3 | 30.4 | 91 | .. | 5.8 | .. | 16.7 | 0 | 10 | 20 | 00 | 0 | 0 | 0 | 10 | 19 | 1 | 0 | 1 | 0 |
| | 2330 | 79 | 1007.3 | 998.3 | .. | 25.8 | 24.7 | 24.3 | 30.4 | 91 | .. | 7.0 | .. | 17.1 | 0 | 11 | 20 | 00 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 | 0 |
| Car Nicobar | 0830 | 10 | 1008.3 | 1007.2 | -0.3 | 28.0 | 25.7 | 24.7 | 31.1 | 83 | + 0 | 5.5 | -1.0 | 2.3 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 24 | 2 | 0 | 5 | 0 |
| | 1730 | 10 | 1006.8 | 1005.6 | -0.1 | 27.2 | 25.3 | 24.5 | 30.7 | 83 | - 3 | 5.7 | -0.6 | 1.6 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 19 | 2 | 0 | 10 | 0 |
| Nancowry | 0830 | 26 | 1009.2 | 1006.3 | -0.4 | 27.6 | 25.5 | 24.5 | 30.7 | 84 | + 1 | 5.9 | -0.5 | 9.2 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 21 | 5 | 1 | 4 | 0 |
| | 1730 | 26 | 1007.2 | 1004.3 | -0.5 | 27.4 | 25.3 | 24.3 | 30.4 | 84 | + 0 | 6.4 | +0.2 | 7.6 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 16 | 13 | 0 | 2 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 28.3 | 26.2 | 25.3 | 32.2 | 85 | + 1 | 6.2 | -0.2 | 11.4 | 0 | 4 | 25 | 00 | 0 | 0 | 0 | 1 | 26 | 2 | 0 | 2 | 0 |
| | 1730 | 8 | .. | .. | .. | 27.4 | 25.8 | 25.1 | 31.9 | 88 | + 2 | 6.5 | +0.1 | 9.4 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 1 | 0 |
| ORTH ASSAM (INCLUDING NEFA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasighat | 0830 | 157 | 1002.2 | 984.7 | -0.6 | 26.4 | 25.3 | 24.8 | 31.3 | 91 | + 2 | 7.1 | +0.1 | 3.7 | 0 | 0 | 28 | 03 | 3 | 2 | 3 | 1 | 0 | 1 | 15 | 3 | 0 |
| | 1730 | 157 | 998.7 | 981.3 | -0.2 | 28.2 | 26.1 | 25.2 | 32.1 | 85 | + 3 | 5.6 | +0.3 | 2.3 | 0 | 0 | 21 | 03 | 1 | 5 | 3 | 1 | 2 | 2 | 4 | 10 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1000.6 | 988.1 | .. | 25.6 | 24.8 | 24.4 | 30.5 | 93 | .. | 7.0 | .. | 5.5 | 0 | 0 | 25 | 01 | 19 | 2 | 0 | 0 | 2 | 0 | 1 | 6 | 0 |
| | 0530 | 111 | 1001.1 | 988.6 | .. | 25.3 | 24.8 | 24.5 | 30.7 | 96 | .. | 7.5 | .. | 4.2 | 0 | 0 | 23 | 01 | 11 | 4 | 1 | 2 | 3 | 0 | 1 | 8 | 0 |
| | 0830 | 111 | 1002.2 | 989.7 | -0.6 | 26.7 | 25.5 | 25.0 | 31.7 | 91 | + 4 | 7.5 | +0.1 | 5.9 | 0 | 0 | 30 | 07 | 7 | 4 | 3 | 1 | 3 | 0 | 4 | 1 | 1 |
| | 1130 | 111 | 1001.5 | 988.9 | .. | 28.5 | 26.2 | 25.3 | 32.2 | 83 | .. | 7.0 | .. | 6.3 | 0 | 0 | 29 | 03 | 8 | 4 | 1 | 1 | 7 | 2 | 3 | 2 | 0 |
| | 1430 | 111 | 998.9 | 986.6 | .. | 29.9 | 26.6 | 25.3 | 32.2 | 77 | .. | 6.1 | .. | 7.8 | 0 | 0 | 30 | 04 | 9 | 2 | 0 | 4 | 5 | 4 | 2 | 1 | 0 |
| | 1730 | 111 | 998.5 | 986.2 | -0.4 | 29.1 | 26.2 | 24.9 | 31.5 | 80 | + 1 | 5.8 | +0.1 | 5.6 | 0 | 0 | 30 | 04 | 12 | 3 | 2 | 3 | 2 | 1 | 3 | 1 | 0 |
| | 2030 | 111 | 1000.7 | 988.3 | .. | 26.8 | 25.5 | 24.9 | 31.5 | 89 | .. | 5.5 | .. | 3.9 | 0 | 0 | 19 | 00 | 13 | 1 | 1 | 3 | 1 | 0 | 0 | 12 | 0 |
| | 2330 | 111 | 1001.1 | 988.7 | .. | 26.0 | 25.1 | 24.7 | 31.1 | 93 | .. | 6.1 | .. | 5.6 | 0 | 0 | 26 | 02 | 16 | 4 | 0 | 0 | 3 | 0 | 1 | 5 | 0 |
| Digboi | 0830 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 152 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| North Lakhimpur | 0830 | 102 | 1002.0 | 990.5 | -0.7 | 26.9 | 25.5 | 24.9 | 31.5 | 90 | + 0 | 7.4 | +0.1 | 6.7 | 0 | 1 | 29 | 06 | 6 | 2 | 0 | 6 | 6 | 2 | 2 | 1 | 0 |
| | 1130 | 102 | 1001.2 | 989.8 | .. | 28.9 | 26.4 | 25.4 | 32.4 | 82 | .. | 6.6 | .. | 8.5 | 0 | 2 | 28 | 05 | 4 | 3 | 6 | 7 | 5 | 0 | 0 | 1 | 0 |
| | 1430 | 102 | 998.8 | 987.5 | .. | 29.7 | 26.6 | 25.3 | 32.2 | 78 | .. | 6.1 | .. | 8.8 | 0 | 0 | 31 | 04 | 6 | 1 | 1 | 12 | 3 | 0 | 4 | 0 | 0 |
| | 1730 | 102 | 998.4 | 987.1 | -0.5 | 28.8 | 26.4 | 25.4 | 32.4 | 83 | + 1 | 5.6 | -0.1 | 5.9 | 0 | 0 | 31 | 06 | 7 | 1 | 1 | 6 | 7 | 0 | 3 | 0 | 0 |
| | 2030 | 102 | 1000.7 | 989.2 | .. | 27.2 | 26.0 | 25.5 | 32.6 | 91 | .. | 5.8 | .. | 4.1 | 0 | 1 | 21 | 06 | 6 | 1 | 0 | 3 | 3 | 0 | 3 | 9 | 0 |
| Sibsagar | 0830 | 97 | 1002.3 | 991.5 | -0.1 | 27.6 | 26.1 | 25.4 | 32.4 | 88 | + 3 | 7.7 | +0.2 | 2.5 | 0 | 0 | 26 | 06 | 7 | 3 | 1 | 2 | 7 | 0 | 0 | 5 | 0 |
| | 1730 | 97 | 998.5 | 987.8 | +0.0 | 29.9 | 26.9 | 25.7 | 33.0 | 79 | + 0 | 6.2 | +0.1 | 2.3 | 0 | 0 | 23 | 05 | 6 | 3 | 1 | 1 | 6 | 1 | 0 | 8 | 0 |
| Gohpur | 0830 | 83 | 1001.9 | 992.6 | .. | 27.3 | 26.1 | 25.6 | 32.8 | 91 | + 3 | 7.5 | .. | 3.0 | 0 | 0 | 26 | 00 | 9 | 0 | 1 | 0 | 10 | 0 | 6 | 5 | 0 |
| | 1730 | 83 | 998.0 | 988.8 | .. | 29.3 | 26.9 | 25.9 | 33.4 | 82 | + 0 | 6.5 | .. | 2.6 | 0 | 0 | 22 | 00 | 7 | 0 | 2 | 0 | 9 | 0 | 4 | 9 | 0 |
| Majbat | 0830 | | .. | 985.3 | -3.6 | 27.3 | 25.8 | 25.1 | 31.9 | 88 | .. | 5.7 | -0.8 | 4.6 | 0 | 0 | 30 | 00 | 9 | 0 | 2 | 0 | 16 | 0 | 3 | 1 | 0 |
| | 1730 | | .. | 982.0 | -3.3 | 29.3 | 26.5 | 25.3 | 32.2 | 79 | .. | 5.5 | +0.0 | 4.1 | 0 | 0 | 27 | 00 | 5 | 1 | 1 | 2 | 11 | 2 | 5 | 4 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1000.4 | 990.3 | .. | 25.7 | 25.1 | 24.8 | 31.3 | 96 | .. | 7.3 | .. | 1.0 | 0 | 0 | 17 | 02 | 4 | 2 | 1 | 0 | 7 | 1 | 0 | 14 | 0 |
| | 0830 | 90 | 1001.5 | 991.5 | .. | 28.2 | 26.3 | 25.5 | 32.6 | 87 | .. | 7.2 | .. | 1.1 | 0 | 0 | 22 | 02 | 1 | 0 | 1 | 0 | 11 | 2 | 5 | 9 | 0 |
| | 1130 | 90 | 1000.5 | 990.6 | .. | 30.3 | 27.1 | 25.8 | 33.2 | 78 | .. | 6.5 | .. | 1.8 | 0 | 0 | 29 | 04 | 2 | 5 | 0 | 0 | 11 | 4 | 2 | 2 | 1 |
| | 1730 | 90 | 997.8 | 987.9 | .. | 29.8 | 26.8 | 25.6 | 32.8 | 79 | .. | 5.8 | .. | 1.1 | 0 | 0 | 23 | 05 | 6 | 0 | 0 | 0 | 5 | 3 | 4 | 8 | 0 |
| | 2330 | 90 | 1000.4 | 990.3 | .. | 26.6 | 25.9 | 25.6 | 32.8 | 95 | .. | 6.2 | .. | 1.0 | 0 | 0 | 17 | 02 | 3 | 0 | 0 | 1 | 3 | 5 | 3 | 14 | 0 |
| Tangla | 0830 | 78 | 1001.2 | 992.5 | -0.1 | 27.8 | 26.2 | 25.5 | 32.6 | 87 | + 2 | 3.6 | -2.0 | 1.9 | 0 | 0 | 21 | 00 | 0 | 0 | 15 | 0 | 6 | 0 | 0 | 10 | 0 |
| | 1730 | 78 | 997.3 | 988.8 | -0.4 | 29.7 | 27.0 | 25.9 | 33.4 | 80 | + 2 | 3.1 | -1.5 | 1.5 | 0 | 0 | 19 | 00 | 0 | 0 | 11 | 0 | 8 | 0 | 0 | 12 | 0 |
| Tezpur | 0830 | 79 | 1002.6 | 993.7 | -0.1 | 27.4 | 25.9 | 25.3 | 32.2 | 89 | + 2 | 6.9 | +0.2 | 2.4 | 0 | 0 | 24 | 00 | 9 | 1 | 2 | 3 | 8 | 1 | 0 | 7 | 0 |
| | 1730 | 79 | 998.5 | 989.8 | -0.1 | 29.7 | 26.6 | 25.3 | 32.2 | 78 | - 2 | 6.3 | +1.2 | 1.5 | 0 | 0 | 18 | 01 | 5 | 1 | 0 | 1 | 9 | 1 | 0 | 13 | 0 |
| Golaghat | 0830 | 95 | 1001.6 | 991.0 | -1.7 | 28.3 | 26.0 | 25.0 | 31.7 | 83 | - 4 | 6.2 | -0.8 | 0.2 | 0 | 0 | 6 | 02 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 25 | 0 |
| | 1730 | 95 | 997.9 | 987.4 | -1.7 | 29.6 | 26.7 | 25.6 | 32.8 | 80 | + 2 | 4.9[h] | -1.3 | 0.4[h] | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 19 | 0 |
| Rangia | 0830 | 60 | 1002.4 | 995.7 | .. | 28.5 | 26.6 | 25.9 | 33.4 | 86 | + 4 | 6.7 | .. | 3.0 | 0 | 0 | 20 | 01 | 2 | 5 | 0 | 1 | 2 | 6 | 3 | 11 | 0 |
| | 1730 | 60 | 999.5 | 992.8 | .. | 30.2 | 27.4 | 26.3 | 34.2 | 80 | + 5 | 5.2 | .. | 2.5 | 0 | 0 | 18 | 00 | 0 | 1 | 1 | 1 | 1 | 10 | 4 | 13 | 0 |
| Chaparmukh | 0830 | 66 | 1002.3 | 995.0 | -0.1 | 28.3 | 26.4 | 25.7 | 33.0 | 86 | + 3 | 6.8[b] | +0.5 | 2.9[b] | 0 | 0 | 28 | 01 | 5 | 2 | 12 | 4 | 1 | 1 | 2 | 1 | 0 |
| | 1730 | 66 | 998.8 | 991.6 | +0.1 | 29.9 | 27.1 | 26.0 | 33.6 | 80 | - 2 | 5.5[b] | -0.2 | 2.5[b] | 0 | 0 | 26 | 04 | 2 | 1 | 6 | 4 | 7 | 2 | 0 | 3 | 0 |
| Goalpara | 0830 | 38 | 1001.7 | 997.4 | -0.1 | 27.2 | 25.8 | 25.2 | 32.1 | 90 | + 4 | 6.3 | -0.3 | 1.7 | 0 | 0 | 25 | 02 | 8 | 1 | 4 | 1 | 4 | 2 | 3 | 6 | 0 |
| | 1730 | 38 | 998.7 | 994.4 | +0.0 | 29.3 | 26.7 | 25.6 | 32.8 | 82 | + 2 | 6.6 | +0.4 | 1.5 | 0 | 0 | 24 | 00 | 3 | 2 | 6 | 2 | 6 | 1 | 4 | 7 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 999.8 | 993.7 | .. | 26.7 | 25.6 | 25.2 | 32.1 | 91 | .. | 6.1 | .. | 2.4 | 0 | 0 | 15 | 02 | 3 | 0 | 3 | 2 | 3 | 1 | 1 | 16 | 0 |
| | 0530 | 54 | 1000.4 | 994.3 | .. | 26.4 | 25.5 | 25.2 | 32.1 | 93 | .. | 7.2 | .. | 1.9 | 0 | 0 | 12 | 02 | 2 | 2 | 1 | 4 | 0 | 0 | 1 | 19 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gms. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| NORTH ASSAM (INCLUDING NEFA) (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor)(contd.) | 0830 | 54 | 1001.6 | 995.5 | -1.1 | 28.4 | 26.6 | 25.4 | 32.4 | 84 | - 1 | 7.1 | +0.1 | 3.7 | 0 | 1 | 17 | 05 | 3 | 0 | 0 | 2 | 1 | 6 | 1 | 13 | 0 |
| | 1130 | 54 | 1000.7 | 994.6 | .. | 30.0 | 26.7 | 25.3 | 32.2 | 77 | .. | 6.1 | .. | 7.4 | 0 | 0 | 29 | 08 | 5 | 1 | 1 | 0 | 1 | 2 | 6 | 2 | 5 |
| | 1430 | 54 | 998.7 | 992.6 | .. | 30.6 | 26.9 | 25.4 | 32.4 | 74 | .. | 6.7 | .. | 6.7 | 0 | 0 | 27 | 06 | 2 | 1 | 0 | 0 | 0 | 5 | 12 | 4 | 1 |
| | 1730 | 54 | 998.1 | 992.0 | -1.4 | 29.6 | 26.5 | 25.3 | 32.2 | 78 | - 3 | 6.4 | -0.1 | 1.7 | 0 | 0 | 21 | 00 | 1 | 0 | 2 | 2 | 6 | 7 | 2 | 10 | 1 |
| | 2030 | 54 | 1000.2 | 994.1 | .. | 28.1 | 26.5 | 25.8 | 33.2 | 87 | .. | 5.8 | .. | 2.8 | 0 | 0 | 12 | 01 | 1 | 1 | 1 | 1 | 5 | 1 | 1 | 19 | 0 |
| | 2330 | 54 | 1000.7 | 994.6 | .. | 27.5 | 26.1 | 25.5 | 32.6 | 89 | .. | 5.8 | .. | 2.3 | 0 | 0 | 10 | 00 | 1 | 1 | 1 | 3 | 4 | 0 | 0 | 21 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1000.3 | 995.2 | .. | 26.1 | 25.6 | 25.3 | 32.2 | 96 | .. | 7.3 | .. | 4.3 | 0 | 0 | 22 | 03 | 6 | 3 | 1 | 4 | 4 | 0 | 1 | 9 | 0 |
| | 0830 | 45 | 1001.2 | 996.2 | +0.5 | 28.2 | 26.4 | 25.7 | 33.0 | 87 | + 2 | 7.5 | +0.7 | 4.4 | 0 | 0 | 26 | 00 | 3 | 7 | 2 | 6 | 7 | 1 | 0 | 5 | 0 |
| | 1130 | 45 | 1000.7 | 995.6 | .. | 29.5 | 27.0 | 26.0 | 33.6 | 82 | .. | 7.0 | .. | 6.7 | 0 | 0 | 29 | 00 | 2 | 3 | 2 | 7 | 9 | 5 | 1 | 2 | 0 |
| | 1730 | 45 | 997.8 | 992.8 | +0.1 | 29.3 | 26.8 | 25.7 | 33.0 | 82 | + 1 | 6.6 | +0.4 | 5.9 | 0 | 0 | 28 | 00 | 2 | 4 | 2 | 6 | 12 | 2 | 0 | 3 | 0 |
| Dhubri | 0830 | 35 | 1002.0 | 998.1 | +0.0 | 28.1 | 26.4 | 25.7 | 33.0 | 87 | + 1 | 5.3 | -0.7 | 5.5 | 0 | 1 | 26 | 01 | 10 | 4 | 5 | 1 | 6 | 0 | 0 | 4 | 0 |
| | 1730 | 35 | 998.9 | 995.0 | +0.0 | 28.8 | 26.7 | 25.8 | 33.2 | 84 | - 2 | 4.8 | -0.8 | 6.1 | 0 | 1 | 22 | 04 | 4 | 2 | 3 | 5 | 4 | 0 | 1 | 8 | 0 |
| Lumding | 0830 | 149 | 1002.1 | 985.5 | .. | 28.5 | 26.1 | 25.2 | 32.1 | 82 | + 3 | 6.6 | .. | 1.3 | 0 | 0 | 12 | 00 | 0 | 2 | 3 | 5 | 1 | 0 | 1 | 19 | 0 |
| | 1730 | 149 | 998.7 | 982.3 | .. | 30.7 | 26.7 | 24.7 | 31.1 | 73 | .. | 6.1 | .. | 1.4 | 0 | 0 | 15 | 02 | 0 | 3 | 1 | 5 | 2 | 2 | 0 | 16 | 0 |
| SOUTH ASSAM (INCLUDING NAGALAND MANIPUR AND TRIPURA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1002.5 | 961.5 | -0.9 | 26.0 | 24.5 | 23.9 | 29.7 | 88 | - 2 | 7.1 | -0.4 | 4.7 | 0 | 0 | 28 | 01 | 1 | 2 | 5 | 9 | 5 | 2 | 3 | 3 | 0 |
| | 1730 | 370 | 999.0 | 958.3 | -1.1 | 27.5 | 25.2 | 24.1 | 30.0 | 81 | - 6 | 7.3 | +0.2 | 4.5 | 0 | 0 | 29 | 01 | 2 | 2 | 7 | 9 | 5 | 3 | 0 | 2 | 0 |
| Haflong | 0830 | 682 | 1003.6 | 928.9 | +0.8 | 23.5 | 22.3 | 21.7 | 25.9 | 90 | + 2 | 6.6 | +0.4 | 1.7 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 1 | 21 | 0 | 1 | 8 | 0 |
| | 1730 | 682 | 998.0 | 924.2 | -0.8 | 25.8 | 23.3 | 22.0 | 26.4 | 81 | + 0 | 5.1 | -0.8 | 1.9 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 1 | 22 | 0 | 0 | 8 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1000.8 | 989.9 | .. | 24.7 | 24.3 | 24.1 | 30.0 | 96 | .. | 7.8 | .. | 4.5 | 0 | 0 | 24 | 00 | 1 | 19 | 0 | 0 | 0 | 1 | 3 | 7 | 0 |
| | 0830 | 97 | 1001.7 | 990.9 | +0.4 | 26.7 | 25.3 | 24.7 | 31.1 | 89 | + 4 | 7.6 | +0.9 | 5.2 | 0 | 0 | 27 | 00 | 1 | 20 | 4 | 0 | 0 | 2 | 0 | 4 | 0 |
| | 1130 | 97 | 1000.5 | 989.8 | .. | 29.2 | 26.0 | 24.6 | 30.9 | 77 | .. | 7.2 | .. | 5.9 | 0 | 0 | 29 | 01 | 0 | 9 | 1 | 1 | 4 | 8 | 5 | 2 | 0 |
| | 1730 | 97 | 997.7 | 987.0 | -0.4 | 29.1 | 26.1 | 24.8 | 31.3 | 79 | - 2 | 6.7 | +0.4 | 4.8 | 0 | 0 | 26 | 00 | 2 | 5 | 1 | 0 | 5 | 11 | 2 | 5 | 0 |
| Silchar | 0830 | 29 | 1003.6 | 1000.3 | +0.4 | 27.5 | 25.9 | 25.2 | 32.1 | 88 | + 2 | 7.0 | +0.2 | 0.6 | 0 | 0 | 9 | 01 | 2 | 1 | 0 | 3 | 2 | 0 | 0 | 22 | 0 |
| | 1730 | 29 | 1000.2 | 997.0 | +0.7 | 29.7 | 26.9 | 25.8 | 33.2 | 79 | - 3 | 6.2 | +0.0 | 0.5 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 1 | 5 | 1 | 0 | 24 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1002.5 | 917.4 | .. | 22.9 | 22.2 | 21.9 | 26.3 | 94 | .. | 7.4 | .. | 2.6 | 0 | 0 | 10 | 02 | 0 | 2 | 1 | 1 | 2 | 2 | 0 | 21 | 0 |
| | 0830 | 781 | 1002.9 | 918.4 | -0.9 | 25.0 | 22.8 | 21.7 | 25.9 | 83 | + 2 | 7.3 | +0.3 | 7.2 | 0 | 0 | 22 | 02 | 1 | 5 | 2 | 8 | 1 | 2 | 1 | 9 | 0 |
| | 1130 | 781 | 1001.4 | 917.6 | .. | 27.1 | 23.5 | 21.7 | 25.9 | 73 | .. | 6.8 | .. | 9.0 | 0 | 2 | 22 | 01 | 1 | 1 | 6 | 6 | 2 | 3 | 4 | 7 | 0 |
| | 1430 | 781 | 998.8 | 915.5 | .. | 28.0 | 23.8 | 21.8 | 26.1 | 70 | .. | 6.3 | .. | 9.1 | 0 | 0 | 26 | 01 | 0 | 1 | 7 | 5 | 3 | 4 | 5 | 5 | 0 |
| | 1730 | 781 | 999.1 | 915.2 | +0.6 | 26.2 | 23.1 | 21.5 | 25.6 | 77 | - 1 | 6.8 | +0.2 | 10.1 | 0 | 1 | 27 | 00 | 0 | 2 | 9 | 3 | 2 | 2 | 10 | 3 | 0 |
| | 2030 | 781 | 1001.7 | 917.2 | .. | 24.7 | 22.6 | 21.5 | 25.6 | 84 | .. | 5.8 | .. | 5.9 | 0 | 0 | 19 | 00 | 1 | 3 | 1 | 3 | 1 | 2 | 8 | 12 | 0 |
| | 2330 | 781 | 1002.2 | 917.5 | .. | 23.9 | 22.5 | 21.8 | 26.1 | 88 | .. | 6.3 | .. | 4.5 | 0 | 0 | 13 | 01 | 2 | 0 | 0 | 0 | 1 | 2 | 7 | 18 | 0 |
| Kailashahar | 0530 | 30 | 1002.2 | 998.9 | .. | 25.8 | 25.1 | 24.8 | 31.3 | 95 | .. | 7.5 | .. | 3.2 | 0 | 0 | 26 | 01 | 0 | 5 | 0 | 10 | 9 | 1 | 0 | 5 | 0 |
| | 0830 | 30 | 1003.1 | 999.9 | +0.1 | 28.2 | 26.1 | 25.2 | 32.1 | 85 | + 3 | 6.8 | +0.2 | 5.5 | 0 | 0 | 30 | 02 | 1 | 7 | 1 | 7 | 11 | 0 | 0 | 1 | 1 |
| | 1130 | 30 | 1002.1 | 998.9 | .. | 30.5 | 27.0 | 25.5 | 32.6 | 75 | .. | 6.5 | .. | 6.0 | 0 | 0 | 30 | 01 | 1 | 4 | 2 | 8 | 10 | 1 | 1 | 1 | 2 |
| | 1730 | 30 | 999.6 | 996.4 | -0.1 | 29.0 | 26.7 | 25.8 | 33.2 | 83 | + 1 | 6.8 | +0.0 | 4.8 | 0 | 1 | 29 | 04 | 1 | 3 | 0 | 11 | 7 | 1 | 2 | 1 | 1 |
| Agartala | 0230 | 16 | 1000.2 | 998.4 | .. | 25.8 | 25.2 | 24.9 | 31.5 | 95 | .. | 6.7 | .. | 9.8 | 0 | 0 | 29 | 00 | 3 | 1 | 15 | 9 | 0 | 0 | 1 | 2 | 0 |
| | 0530 | 16 | 1000.7 | 998.9 | .. | 25.4 | 24.9 | 24.6 | 30.9 | 95 | .. | 7.0 | .. | 11.4 | 0 | 1 | 30 | 00 | 3 | 4 | 17 | 7 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 16 | 1001.5 | 999.7 | -0.4 | 28.4 | 26.3 | 25.4 | 32.4 | 84 | - 2 | 6.6 | -0.3 | 12.0 | 0 | 0 | 29 | 00 | 0 | 1 | 16 | 12 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 16 | 1000.9 | 999.1 | .. | 30.6 | 27.4 | 26.1 | 33.8 | 77 | .. | 6.7 | .. | 11.0 | 0 | 0 | 30 | 00 | 0 | 0 | 9 | 17 | 4 | 0 | 0 | 1 | 0 |
| | 1430 | 16 | 998.8 | 997.0 | .. | 31.2 | 27.7 | 26.4 | 34.4 | 76 | .. | 6.3 | .. | 10.0 | 0 | 0 | 30 | 00 | 0 | 0 | 7 | 14 | 7 | 2 | 0 | 1 | 0 |
| | 1730 | 16 | 998.5 | 996.7 | -0.5 | 28.7 | 26.7 | 25.9 | 33.4 | 86 | + 3 | 6.9 | +0.2 | 10.9 | 0 | 1 | 29 | 01 | 1 | 1 | 5 | 15 | 3 | 3 | 1 | 1 | 0 |
| | 2030 | 16 | 1000.7 | 998.9 | .. | 27.0 | 26.0 | 25.6 | 32.8 | 92 | .. | 6.5 | .. | 9.5 | 0 | 0 | 27 | 00 | 1 | 0 | 8 | 16 | 1 | 0 | 1 | 4 | 0 |
| | 2330 | 16 | 1001.1 | 999.3 | .. | 26.3 | 25.5 | 25.2 | 32.1 | 94 | .. | 6.5 | .. | 9.6 | 0 | 1 | 27 | 00 | 0 | 0 | 14 | 12 | 2 | 0 | 0 | 3 | 0 |
| SUB-HIMALAYAN WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1000.1 | 985.3 | .. | 25.1 | 24.1 | 23.6 | 29.1 | 92 | .. | 7.0 | .. | 9.1 | 0 | 1 | 22 | 03 | 14 | 3 | 1 | 1 | 1 | 0 | 0 | 8 | 0 |
| | 0530 | 131 | 1000.4 | 985.6 | .. | 25.3 | 24.6 | 24.3 | 30.4 | 94 | .. | 7.0 | .. | 7.9 | 0 | 0 | 23 | 03 | 14 | 4 | 1 | 0 | 1 | 0 | 0 | 8 | 0 |
| | 0830 | 131 | 1001.5 | 986.8 | -0.1 | 27.2 | 25.5 | 24.7 | 31.1 | 87 | + 0 | 7.0 | -0.2 | 10.6 | 0 | 1 | 25 | 01 | 11 | 14 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 1130 | 131 | 1000.9 | 986.3 | .. | 29.2 | 26.4 | 25.2 | 32.1 | 80 | .. | 6.7 | .. | 11.1 | 0 | 0 | 27 | 00 | 6 | 14 | 5 | 1 | 1 | 0 | 0 | 4 | 0 |
| | 1430 | 131 | 998.8 | 984.3 | .. | 30.1 | 26.6 | 25.1 | 31.9 | 76 | .. | 6.6 | .. | 10.3 | 0 | 1 | 28 | 02 | 7 | 9 | 3 | 7 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 131 | 998.2 | 983.6 | -0.6 | 28.8 | 26.4 | 25.4 | 32.4 | 82 | + 1 | 6.5 | +0.0 | 9.2 | 0 | 1 | 25 | 02 | 7 | 10 | 3 | 2 | 2 | 0 | 0 | 5 | 0 |
| | 2030 | 131 | 1000.0 | 985.4 | .. | 27.1 | 25.5 | 24.8 | 31.3 | 87 | .. | 6.4 | .. | 7.2 | 0 | 1 | 21 | 05 | 11 | 4 | 1 | 0 | 1 | 0 | 0 | 9 | 0 |
| | 2330 | 131 | 1001.0 | 986.2 | .. | 26.1 | 24.8 | 24.3 | 30.4 | 90 | .. | 6.6 | .. | 6.6 | 0 | 0 | 19 | 06 | 9 | 4 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| Jalpaiguri | 0830 | 83 | 1001.0 | 991.7 | -0.5 | 26.1 | 25.2 | 24.9 | 31.5 | 92 | + 4 | 6.7 | +0.4 | 5.8 | 0 | 0 | 28 | 01 | 8 | 13 | 3 | 0 | 2 | 0 | 1 | 3 | 0 |
| | 1730 | 83 | 997.5 | 988.4 | +0.2 | 28.9 | 26.4 | 25.3 | 32.2 | 82 | + 1 | 4.5 | -0.9 | 5.0 | 0 | 0 | 25 | 01 | 4 | 9 | 6 | 2 | 1 | 0 | 2 | 6 | 0 |
| Cooch Behar | 0830 | 43 | 1001.6 | 996.8 | -0.2 | 27.1 | 26.0 | 25.5 | 32.6 | 91 | + 5 | 7.0 | -0.1 | 7.0 | 0 | 1 | 22 | 01 | 1 | 12 | 5 | 1 | 1 | 1 | 1 | 8 | 0 |
| | 1130 | 43 | 1000.9 | 996.1 | .. | 29.2 | 26.7 | 25.7 | 33.0 | 83 | .. | 6.8 | .. | 9.7 | 0 | 3 | 23 | 01 | 2 | 7 | 5 | 5 | 3 | 2 | 1 | 5 | 0 |
| | 1730 | 43 | 998.1 | 993.4 | -0.4 | 29.1 | 26.8 | 25.9 | 33.4 | 83 | + 2 | 6.1 | -0.3 | 4.5 | 0 | 0 | 18 | 00 | 2 | 7 | 5 | 3 | 0 | 1 | 0 | 13 | 0 |
| Balurghat | 0830 | 26 | 1000.7 | 997.8 | .. | 28.8 | 26.6 | 25.7 | 33.0 | 84 | .. | 6.2 | .. | 3.7 | 0 | 0 | 30 | 00 | 0 | 12 | 9 | 3 | 6 | 0 | 0 | 1 | 0 |
| | 1730 | 26 | 997.1 | 994.2 | .. | 29.5 | 26.9 | 25.9 | 33.4 | 81 | .. | 5.5 | .. | 2.1 | 0 | 0 | 26 | 01 | 1 | 2 | 12 | 6 | 4 | 0 | 0 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| SUB-HIMALAYAN WEST BENGAL (Contd.). | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malda | 0830 | 31 | 1000.4 | 996.9 | -0.1 | 28.9 | 26.7 | 25.8 | 33.2 | 83 | - 1 | 5.9 | -0.9 | 2.9 | 0 | 0 | 23 | 00 | 0 | 7 | 7 | 6 | 2 | 1 | 0 | 8 | 0 |
| | 1730 | 31 | 997.2 | 993.7 | -0.2 | 30.6 | 27.0 | 25.5 | 32.6 | 75 | - 5 | 5.6 | -0.5 | 2.5 | 0 | 0 | 21 | 00 | 0 | 6 | 6 | 5 | 2 | 1 | 1 | 10 | 0 |
| GANGETIC WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1000.2 | 998.1 | +0.0 | 28.8 | 27.1 | 26.5 | 34.6 | 87 | + 3 | 7.4 | +0.3 | 3.3 | 0 | 0 | 29 | 00 | 0 | 7 | 1 | 20 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 19 | 997.1 | 995.0 | +0.0 | 29.9 | 27.6 | 26.7 | 35.0 | 83 | + 1 | 7.3 | +0.7 | 3.0 | 0 | 0 | 28 | 00 | 0 | 9 | 0 | 18 | 0 | 1 | 0 | 3 | 0 |
| Suri | 0830 | | .. | .. | .. | 29.2 | 26.8 | 25.8 | 33.2 | 82 | - 2 | 6.4 | -0.3 | 5.3 | 0 | 0 | 31 | 00 | 0 | 13 | 2 | 15 | 1 | 0 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 998.7 | 984.6 | .. | 26.9 | 25.8 | 25.3 | 32.2 | 91 | .. | 5.5 | .. | 3.3 | 0 | 0 | 18 | 00 | 2 | 6 | 3 | 2 | 2 | 3 | 0 | 13 | 0 |
| | 0530 | 126 | 999.0 | 984.9 | .. | 26.7 | 25.7 | 25.3 | 32.2 | 92 | .. | 6.5 | .. | 3.3 | 0 | 0 | 19 | 00 | 4 | 5 | 3 | 3 | 2 | 2 | 0 | 12 | 0 |
| | 0830 | 126 | 1000.0 | 986.0 | +0.4 | 29.6 | 26.7 | 25.5 | 32.6 | 79 | - 5 | 6.5 | -0.4 | 5.3 | 0 | 0 | 27 | 00 | 1 | 6 | 11 | 3 | 4 | 2 | 0 | 4 | 0 |
| | 1130 | 126 | 999.4 | 985.5 | .. | 31.5 | 27.3 | 25.6 | 32.8 | 72 | .. | 6.7 | .. | 6.8 | 0 | 0 | 30 | 01 | 3 | 7 | 6 | 5 | 6 | 2 | 0 | 1 | 0 |
| | 1430 | 126 | 997.2 | 983.4 | .. | 32.5 | 27.6 | 25.7 | 33.0 | 68 | .. | 6.3 | .. | 7.3 | 0 | 0 | 30 | 01 | 3 | 7 | 7 | 6 | 3 | 2 | 1 | 1 | 0 |
| | 1730 | 126 | 996.7 | 982.8 | +0.2 | 30.7 | 27.0 | 25.5 | 32.6 | 75 | - 5 | 6.9 | -0.1 | 6.3 | 0 | 1 | 29 | 02 | 2 | 7 | 6 | 6 | 3 | 3 | 1 | 1 | 0 |
| | 2030 | 126 | 999.2 | 985.1 | .. | 27.9 | 26.2 | 25.5 | 32.6 | 87 | .. | 5.7 | .. | 5.3 | 0 | 0 | 28 | 00 | 7 | 4 | 8 | 6 | 1 | 2 | 0 | 3 | 0 |
| | 2330 | 126 | 999.6 | 985.5 | .. | 27.5 | 26.0 | 25.3 | 32.2 | 88 | .. | 6.0 | .. | 4.2 | 0 | 0 | 21 | 00 | 3 | 3 | 8 | 3 | 3 | 1 | 0 | 10 | 0 |
| Shanti Niketan | 0830 | 59 | 1000.5 | 993.9 | .. | 28.9 | 26.9 | 26.1 | 33.8 | 85 | .. | 6.7 | .. | 7.7 | 0 | 0 | 31 | 00 | 3 | 7 | 8 | 8 | 5 | 0 | 0 | 0 | 0 |
| | 1130 | 59 | 1000.0 | 993.4 | .. | 31.3 | 27.6 | 26.1 | 33.8 | 75 | .. | 6.1 | .. | 7.0 | 0 | 0 | 31 | 00 | 4 | 5 | 9 | 9 | 4 | 0 | 0 | 0 | 0 |
| | 1730 | 59 | 997.2 | 990.6 | .. | 30.6 | 27.4 | 26.1 | 33.8 | 78 | .. | 6.5 | .. | 7.2 | 0 | 0 | 30 | 01 | 4 | 7 | 4 | 11 | 1 | 2 | 0 | 1 | 0 |
| Krishnanagar | 0830 | 15 | 1000.4 | 998.8 | +0.1 | 29.6 | 27.3 | 26.3 | 34.2 | 82 | - 3 | 4.4 | -2.4 | 2.6 | 0 | 0 | 20 | 00 | 1 | 4 | 8 | 7 | 0 | 0 | 0 | 11 | 0 |
| | 1730 | 15 | 998.5 | 997.0 | +1.1 | 30.5 | 27.6 | 26.5 | 34.6 | 79 | - 5 | 4.6 | -2.0 | 1.1 | 0 | 0 | 15 | 00 | 0 | 0 | 1 | 14 | 0 | 0 | 0 | 16 | 0 |
| Purulia | 0830 | 255 | 1000.1 | 972.1 | -0.4 | 28.6 | 25.8 | 24.6 | 30.9 | 79 | - 4 | 6.5 | +0.0 | 5.3 | 0 | 0 | 29 | 02 | 4 | 1 | 12 | 6 | 3 | 1 | 0 | 2 | 0 |
| | 1730 | 255 | 996.8 | 969.0 | -0.6 | 30.3 | 26.2 | 24.5 | 30.7 | 72 | - 6 | 7.2 | +0.0 | 6.2 | 0 | 0 | 30 | 00 | 6 | 2 | 13 | 2 | 1 | 3 | 3 | 1 | 0 |
| Bankura | 0830 | 100 | 999.5 | 988.4 | .. | 28.8 | 27.0 | 26.3 | 34.2 | 87 | .. | 5.0 | .. | 2.1 | 0 | 0 | 22 | 00 | 4 | 4 | 2 | 0 | 4 | 1 | 0 | 9 | 7 |
| | 1730 | 100 | 996.3 | 985.3 | .. | 31.5 | 28.5 | 27.4 | 36.5 | 77 | .. | 5.5 | .. | 3.2 | 0 | 0 | 20 | 00 | 4 | 1 | 3 | 0 | 4 | 1 | 0 | 10 | 7 |
| Burdwan | 0830 | 32 | 1000.2 | 996.6 | +0.2 | 29.5 | 27.1 | 26.2 | 34.0 | 81 | - 4 | 4.2 | -1.3 | 5.2 | 0 | 0 | 29 | 00 | 0 | 18 | 2 | 2 | 6 | 1 | 0 | 2 | 0 |
| | 1730 | 32 | 996.9 | 993.4 | -0.1 | 31.5 | 27.5 | 25.9 | 33.4 | 72 | -10 | 4.9 | -0.6 | 8.9 | 0 | 0 | 30 | 00 | 0 | 16 | 2 | 5 | 7 | 0 | 0 | 1 | 0 |
| Barrackpore Aerodrome | 0530 | 7 | 999.9 | 999.1 | .. | 26.7 | 25.9 | 25.6 | 32.8 | 94 | .. | 6.3 | .. | 5.6 | 0 | 1 | 22 | 00 | 5 | 6 | 1 | 9 | 2 | 0 | 0 | 8 | 0 |
| | 0830 | 7 | 1000.8 | 1000.1 | .. | 28.9 | 26.9 | 26.1 | 33.8 | 84 | .. | 6.7 | .. | 8.1 | 0 | 1 | 27 | 00 | 2 | 8 | 8 | 1 | 9 | 0 | 0 | 3 | 0 |
| | 1130 | 7 | 1000.6 | 999.9 | .. | 31.0 | 27.5 | 26.1 | 33.8 | 75 | .. | 6.5 | .. | 9.6 | 0 | 3 | 23 | 00 | 1 | 6 | 7 | 3 | 9 | 0 | 0 | 5 | 0 |
| | 1730 | 7 | 998.1 | 997.3 | .. | 29.8 | 27.2 | 26.2 | 34.0 | 81 | .. | 6.0 | .. | 8.3 | 0 | 2 | 26 | 00 | 0 | 7 | 7 | 5 | 7 | 1 | 1 | 3 | 0 |
| | 2330 | 7 | 1000.8 | 1000.0 | .. | 27.4 | 26.2 | 25.7 | 33.0 | 90 | .. | 5.0 | .. | 5.2 | 0 | 1 | 19 | 00 | 0 | 2 | 6 | 10 | 0 | 0 | 2 | 11 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 998.6 | 997.9 | .. | 27.1 | 26.2 | 25.9 | 33.4 | 93 | .. | 5.1 | .. | 5.6 | 0 | 0 | 27 | 00 | 2 | 8 | 6 | 9 | 2 | 0 | 0 | 4 | 0 |
| | 0530 | 6 | 998.9 | 998.3 | .. | 26.8 | 26.1 | 25.9 | 33.4 | 93 | .. | 7.0 | .. | 5.4 | 0 | 0 | 27 | 00 | 2 | 7 | 8 | 6 | 4 | 0 | 0 | 4 | 0 |
| | 0830 | 6 | 1000.1 | 999.3 | -0.3 | 29.3 | 27.1 | 26.2 | 34.0 | 84 | + 1 | 6.7 | -0.4 | 9.0 | 0 | 0 | 31 | 00 | 0 | 8 | 12 | 5 | 5 | 1 | 0 | 0 | 0 |
| | 1130 | 6 | 999.6 | 998.9 | .. | 31.1 | 27.9 | 26.7 | 35.0 | 77 | .. | 7.1 | .. | 10.2 | 0 | 2 | 28 | 00 | 0 | 5 | 12 | 6 | 5 | 2 | 0 | 1 | 0 |
| | 1430 | 6 | 997.7 | 997.0 | .. | 31.4 | 27.9 | 26.5 | 34.6 | 76 | .. | 6.9 | .. | 10.7 | 0 | 3 | 26 | 00 | 0 | 3 | 12 | 9 | 4 | 1 | 0 | 2 | 0 |
| | 1730 | 6 | 997.2 | 996.5 | -0.3 | 30.0 | 27.5 | 26.5 | 34.6 | 82 | + 1 | 6.5 | -0.4 | 8.2 | 0 | 1 | 29 | 00 | 0 | 4 | 11 | 13 | 2 | 0 | 0 | 1 | 0 |
| | 2030 | 6 | 999.4 | 998.7 | .. | 28.3 | 26.8 | 26.2 | 34.0 | 89 | .. | 4.6 | .. | 8.2 | 0 | 1 | 29 | 00 | 0 | 4 | 14 | 10 | 2 | 0 | 0 | 1 | 0 |
| | 2330 | 6 | 999.8 | 999.1 | .. | 27.5 | 26.5 | 26.1 | 33.8 | 91 | .. | 4.7 | .. | 6.6 | 0 | 0 | 29 | 00 | 1 | 5 | 10 | 11 | 1 | 0 | 1 | 2 | 0 |
| Calcutta | 0830 | 6 | 1000.1 | 999.4 | +0.0 | 29.8 | 27.4 | 26.5 | 34.6 | 83 | - 1 | 6.2 | -0.7 | 7.9 | 0 | 0 | 30 | 00 | 3 | 5 | 8 | 6 | 7 | 1 | 0 | 1 | 0 |
| | 1130 | 6 | 999.7 | 999.0 | .. | 31.5 | 28.0 | 26.7 | 35.0 | 75 | .. | 6.5 | .. | 7.9 | 0 | 0 | 29 | 00 | 5 | 6 | 6 | 10 | 1 | 1 | 0 | 2 | 0 |
| | 1730 | 6 | 997.3 | 996.6 | +0.0 | 30.3 | 27.9 | 26.8 | 37.6 | 82 | + 0 | 6.0 | -0.9 | 8.2 | 0 | 0 | 29 | 00 | 2 | 3 | 7 | 14 | 3 | 0 | 0 | 2 | 0 |
| Midnapore | 0830 | 45 | 1000.0 | 994.9 | +0.2 | 28.7 | 26.6 | 25.7 | 33.0 | 84 | + 0 | 4.7 | -1.6 | 2.1 | 0 | 0 | 17 | 00 | 2 | 3 | 0 | 8 | 2 | 2 | 0 | 14 | 0 |
| | 1730 | 45 | 997.0 | 992.0 | +0.2 | 30.3 | 27.0 | 25.7 | 33.0 | 77 | - 5 | 5.6 | -1.1 | 3.0 | 0 | 0 | 26 | 00 | 1 | 1 | 4 | 15 | 3 | 2 | 0 | 5 | 0 |
| Contai | 0830 | 11 | 1000.1 | 998.9 | -0.5 | 29.6 | 27.2 | 26.2 | 34.0 | 82 | - 3 | 4.7 | -1.4 | 8.4 | 0 | 1 | 27 | 03 | 2 | 5 | 3 | 9 | 5 | 1 | 0 | 3 | 0 |
| | 1730 | 11 | 997.4 | 996.2 | -0.9 | 29.4 | 27.1 | 26.1 | 33.8 | 83 | - 2 | 3.1 | -3.0 | 9.6 | 0 | 0 | 28 | 00 | 0 | 2 | 4 | 20 | 2 | 0 | 0 | 3 | 0 |
| Sagar Island | 0830 | 3 | 999.7 | 999.4 | -0.1 | 28.9 | 27.2 | 26.5 | 34.6 | 87 | + 1 | 6.3 | -0.2 | 19.4 | 0 | 13 | 18 | 02 | 3 | 3 | 4 | 11 | 7 | 0 | 1 | 0 | 0 |
| | 1730 | 3 | 997.2 | 996.9 | -0.3 | 29.7 | 27.2 | 26.2 | 34.0 | 82 | - 3 | 5.8 | -0.5 | 24.6 | 0 | 22 | 9 | 01 | 0 | 5 | 9 | 11 | 5 | 0 | 0 | 0 | 0 |
| Sandheads | 0530 | 10 | 998.2 | 997.1 | .. | 28.2 | 26.6 | 25.9 | 33.4 | 87 | .. | 6.3 | .. | 22.5 | 0 | 17 | 13 | 00 | 0 | 0 | 5 | 5 | 15 | 3 | 2 | 1 | 0 |
| | 0830 | 10 | 999.8 | 998.7 | -0.4 | 29.3 | 27.0 | 26.1 | 33.8 | 83 | - 1 | 6.2 | +0.0 | 19.1 | 0 | 12 | 19 | 00 | 0 | 1 | 5 | 7 | 14 | 2 | 1 | 0 | 1 |
| | 1130 | 10 | 999.6 | 998.5 | .. | 29.8 | 27.3 | 26.3 | 34.2 | 82 | .. | 6.2 | .. | 19.7 | 0 | 14 | 17 | 00 | 0 | 3 | 4 | 8 | 13 | 3 | 0 | 0 | 0 |
| | 1730 | 10 | 997.0 | 995.9 | -0.8 | 29.3 | 27.1 | 26.2 | 34.0 | 83 | - 3 | 6.0 | -0.1 | 23.2 | 0 | 19 | 12 | 00 | 0 | 0 | 7 | 8 | 16 | 0 | 0 | 0 | 0 |
| | 2330 | 10 | 999.3 | 998.2 | .. | 28.6 | 26.7 | 25.9 | 33.4 | 86 | .. | 1.8 | .. | 23.2 | 0 | 19 | 10 | 00 | 0 | 1 | 5 | 6 | 14 | 3 | 0 | 2 | 0 |
| ORISSA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1000.7 | 994.6 | +0.4 | 28.8 | 26.6 | 25.4 | 32.4 | 83 | - 3 | 5.5 | -1.4 | 3.8 | 0 | 0 | 26 | 04 | 6 | 1 | 4 | 5 | 6 | 0 | 0 | 5 | 0 |
| | 1730 | 54 | 998.1 | 992.0 | +0.3 | 29.1 | 26.6 | 25.5 | 32.6 | 82 | - 1 | 6.1 | -0.8 | 2.3 | 0 | 0 | 21 | 02 | 1 | 0 | 3 | 9 | 4 | 0 | 0 | 10 | 2 |
| Jharsuguda | 0230 | 230 | 998.3 | 972.8 | .. | 26.3 | 25.1 | 24.6 | 30.9 | 90 | .. | 6.9 | .. | 4.1 | 0 | 0 | 14 | 00 | 2 | 1 | 3 | 2 | 2 | 4 | 0 | 17 | 0 |
| | 0530 | 230 | 998.6 | 973.0 | .. | 25.9 | 25.1 | 24.7 | 31.1 | 93 | .. | 7.2 | .. | 3.5 | 0 | 0 | 11 | 01 | 1 | 2 | 3 | 1 | 1 | 2 | 0 | 20 | 0 |
| | 0830 | 230 | 999.6 | 974.2 | -0.8 | 28.0 | 25.7 | 24.7 | 31.1 | 83 | - 4 | 7.0 | -0.2 | 7.3 | 0 | 1 | 20 | 00 | 1 | 4 | 1 | 7 | 4 | 3 | 1 | 10 | 0 |
| | 1130 | 230 | 999.1 | 973.8 | .. | 30.6 | 26.4 | 24.6 | 30.9 | 72 | .. | 6.7 | .. | 8.5 | 0 | 0 | 25 | 00 | 2 | 1 | 4 | 4 | 7 | 6 | 1 | 6 | 0 |
| | 1430 | 230 | 996.7 | 971.6 | .. | 31.5 | 26.5 | 24.4 | 30.5 | 67 | .. | 6.9 | .. | 10.2 | 0 | 1 | 25 | 00 | 2 | 2 | 2 | 2 | 5 | 12 | 1 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ORISSA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 1730 | 230 | 996.3 | 971.1 | -1.1 | 29.6 | 25.8 | 24.1 | 30.0 | 74 | - 5 | 7.6 | +0.3 | 9.9 | 0 | 1 | 28 | 00 | 4 | 1 | 0 | 5 | 7 | 10 | 2 | 2 | 0 |
| | 2030 | 230 | 999.7 | 973.2 | .. | 27.4 | 25.4 | 24.5 | 30.7 | 85 | .. | 7.1 | .. | 6.5 | 0 | 1 | 23 | 00 | 2 | 3 | 3 | 8 | 2 | 5 | 1 | 7 | 0 |
| | 2330 | 230 | 999.4 | 973.8 | .. | 26.7 | 25.2 | 24.5 | 30.7 | 87 | .. | 6.7 | .. | 6.2 | 0 | 0 | 19 | 00 | 3 | 2 | 3 | 3 | 3 | 4 | 1 | 12 | 0 |
| Keonjhargarh | 0830 | 463 | 996.6 | 946.0 | -3.5 | 26.2 | 23.9 | 22.9 | 27.9 | 82 | + 0 | 5.5 | -1.1 | 1.3 | 0 | 0 | 20 | 03 | 2 | 4 | 2 | 2 | 0 | 6 | 1 | 11 | 0 |
| | 1730 | 463 | 994.0 | 943.7 | -3.6 | 27.7 | 24.6 | 23.1 | 28.3 | 77 | - 3 | 6.3 | -1.1 | 2.0 | 0 | 0 | 30 | 00 | 1 | 7 | 2 | 7 | 4 | 9 | 0 | 1 | 0 |
| Balasore | 0830 | 20 | 999.9 | 997.7 | +0.1 | 28.7 | 26.6 | 25.7 | 33.0 | 84 | + 0 | 6.8 | -0.7 | 6.8 | 0 | 1 | 24 | 02 | 4 | 2 | 0 | 7 | 8 | 1 | 1 | 6 | 0 |
| | 1730 | 20 | 997.3 | 995.1 | +0.0 | 29.5 | 26.8 | 25.7 | 33.0 | 80 | - 3 | 6.6 | -0.9 | 6.9 | 0 | 0 | 28 | 00 | 0 | 2 | 7 | 12 | 6 | 0 | 1 | 3 | 0 |
| Sambalpur | 0830 | 148 | 999.5 | 983.0 | -0.9 | 28.8 | 26.2 | 24.9 | 31.5 | 79 | - 8 | 4.6 | -2.5 | 1.7 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 1 | 7 | 2 | 0 | 21 | 0 |
| | 1730 | 148 | 987.5 | 981.1 | +0.2 | 27.6 | 25.8 | 25.0 | 31.7 | 87 | + 5 | 5.7 | -1.7 | 1.3 | 0 | 0 | 12 | 00 | 0 | 1 | 0 | 3 | 7 | 1 | 0 | 19 | 0 |
| Angul | 0830 | 139 | 999.9 | 984.5 | -0.6 | 28.4 | 25.9 | 24.9 | 31.5 | 82 | + 0 | 7.7 | +0.7 | 2.6 | 0 | 0 | 23 | 03 | 0 | 7 | 2 | 3 | 1 | 5 | 2 | 8 | 0 |
| | 1730 | 139 | 997.6 | 982.4 | +0.1 | 29.0 | 25.9 | 24.5 | 30.7 | 79 | + 1 | 7.9 | +0.6 | 4.5 | 0 | 0 | 26 | 00 | 2 | 6 | 5 | 4 | 2 | 4 | 3 | 5 | 0 |
| Chandbali | 0830 | 6 | 1000.2 | 999.5 | -0.3 | 28.5 | 26.6 | 25.9 | 33.4 | 85 | + 1 | 6.5 | +0.1 | 4.8 | 0 | 0 | 25 | 01 | 0 | 4 | 2 | 3 | 8 | 3 | 4 | 6 | 0 |
| | 1730 | 6 | 997.7 | 997.0 | -0.2 | 29.3 | 26.7 | 25.6 | 32.8 | 81 | - 2 | 6.2 | -0.1 | 5.7 | 0 | 0 | 28 | 00 | 0 | 6 | 9 | 3 | 7 | 2 | 1 | 3 | 0 |
| Bolangir | 0830 | 190 | 999.9 | 978.8 | -0.4 | 28.0 | 26.1 | 25.3 | 32.2 | 85 | + 2 | 6.8 | -0.3 | 4.5 | 0 | 0 | 31 | 02 | 0 | 1 | 3 | 19 | 4 | 2 | 0 | 0 | 0 |
| | 1730 | 190 | 997.3 | 976.2 | -0.7 | 29.6 | 26.6 | 25.4 | 32.4 | 79 | - 2 | 7.0 | -0.2 | 5.4 | 0 | 0 | 31 | 01 | 1 | 2 | 3 | 13 | 6 | 3 | 2 | 0 | 0 |
| Phulbani | 0830 | 464 | 998.0 | 947.4 | .. | 26.9 | 24.3 | 23.2 | 28.4 | 81 | .. | 4.9 | .. | 0.8 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 1 | 0 | 6 | 1 | 23 | 0 |
| | 1730 | 464 | 995.3 | 945.0 | .. | 27.6 | 24.8 | 23.7 | 29.3 | 80 | .. | 6.3 | .. | 0.3 | 0 | 0 | 4 | 02 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 27 | 0 |
| Cuttack | 0830 | 27 | 1000.6 | 997.6 | +0.1 | 28.7 | 26.4 | 25.5 | 32.6 | 83 | + 0 | 6.4 | -0.2 | 8.2 | 0 | 1 | 28 | 00 | 3 | 2 | 1 | 3 | 10 | 7 | 3 | 2 | 0 |
| | 1730 | 27 | 998.1 | 995.1 | +0.4 | 29.4 | 26.5 | 25.3 | 32.2 | 79 | - 2 | 6.6 | -0.3 | 7.9 | 0 | 0 | 27 | 00 | 1 | 1 | 4 | 7 | 7 | 4 | 3 | 4 | 0 |
| Titilagarh | 0830 | 211 | 1001.3 | 977.8 | -0.2 | 27.6 | 25.5 | 24.5 | 30.7 | 84 | + 3 | 4.9 | -1.0 | 1.7 | 0 | 0 | 26 | 00 | 2 | 0 | 5 | 1 | 16 | 0 | 2 | 5 | 0 |
| | 1730 | 211 | 999.7 | 976.4 | +1.3 | 29.3 | 26.2 | 24.9 | 31.5 | 78 | + 1 | 5.5 | -0.3 | 2.0 | 0 | 0 | 31 | 00 | 2 | 0 | 6 | 0 | 18 | 0 | 5 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 999.0 | 993.8 | .. | 26.5 | 25.8 | 25.5 | 32.6 | 94 | .. | 5.3 | .. | 8.1 | 0 | 2 | 27 | 01 | 0 | 2 | 1 | 8 | 12 | 4 | 1 | 2 | 0 |
| | 0530 | 46 | 999.1 | 993.9 | .. | 26.4 | 25.5 | 25.1 | 31.9 | 95 | .. | 6.6 | .. | 6.3 | 0 | 1 | 25 | 00 | 3 | 1 | 0 | 5 | 9 | 5 | 3 | 5 | 0 |
| | 0830 | 46 | 1000.2 | 995.1 | -0.7 | 28.7 | 26.7 | 25.9 | 33.4 | 85 | + 1 | 6.6 | -0.2 | 10.9 | 0 | 3 | 27 | 01 | 2 | 2 | 0 | 2 | 18 | 0 | 5 | 1 | 0 |
| | 1130 | 46 | 999.7 | 994.6 | .. | 30.6 | 27.2 | 25.8 | 33.2 | 77 | .. | 6.8 | .. | 13.9 | 0 | 8 | 22 | 01 | 3 | 2 | 3 | 5 | 11 | 4 | 1 | 1 | 0 |
| | 1430 | 46 | 997.9 | 992.8 | .. | 30.7 | 27.2 | 25.7 | 33.0 | 76 | .. | 6.8 | .. | 13.5 | 0 | 7 | 24 | 00 | 3 | 3 | 9 | 5 | 9 | 1 | 1 | 0 | 0 |
| | 1730 | 46 | 997.8 | 992.7 | -0.7 | 28.7 | 26.4 | 25.5 | 32.6 | 83 | + 2 | 6.6 | -0.3 | 11.0 | 0 | 1 | 30 | 00 | 1 | 0 | 7 | 5 | 9 | 5 | 4 | 0 | 0 |
| | 2030 | 46 | 999.6 | 994.5 | .. | 27.4 | 26.2 | 25.7 | 33.0 | 90 | .. | 5.2 | .. | 9.1 | 0 | 2 | 28 | 01 | 0 | 0 | 6 | 6 | 11 | 6 | 0 | 1 | 0 |
| | 2330 | 46 | 1000.0 | 994.8 | .. | 26.9 | 26.2 | 25.9 | 33.4 | 94 | .. | 5.3 | .. | 8.3 | 0 | 2 | 27 | 00 | 0 | 0 | 5 | 7 | 10 | 6 | 1 | 2 | 0 |
| Puri | 0830 | 6 | 1000.4 | 999.7 | -0.3 | 28.6 | 26.8 | 26.1 | 33.8 | 86 | + 3 | 6.4 | -0.1 | 10.1 | 0 | 2 | 29 | 01 | 1 | 1 | 0 | 1 | 19 | 4 | 4 | 0 | 0 |
| | 1730 | 6 | 994.8 | 994.1 | -3.4 | 29.0 | 26.7 | 25.7 | 33.0 | 84 | - 1 | 5.8 | -0.7 | 11.7 | 0 | 2 | 28 | 00 | 0 | 1 | 1 | 6 | 14 | 6 | 2 | 1 | 0 |
| Gopalpur | 0530 | 17 | 999.3 | 997.4 | .. | 26.6 | 25.6 | 25.2 | 32.0 | 92 | .. | 6.7 | .. | 8.6 | 0 | 4 | 16 | 00 | 0 | 0 | 0 | 4 | 15 | 0 | 1 | 11 | 0 |
| | 0830 | 17 | 1000.6 | 998.7 | -0.3 | 28.1 | 26.4 | 25.7 | 33.0 | 87 | + 5 | 6.7 | +0.3 | 13.2 | 0 | 10 | 14 | 03 | 0 | 0 | 1 | 3 | 17 | 0 | 0 | 7 | 0 |
| | 1130 | 17 | 1000.4 | 998.5 | .. | 29.5 | 26.8 | 25.7 | 33.0 | 81 | .. | 6.9 | .. | 16.6 | 0 | 11 | 19 | 00 | 0 | 0 | 2 | 11 | 16 | 0 | 1 | 1 | 0 |
| | 1730 | 17 | 998.1 | 996.2 | -0.2 | 28.5 | 26.5 | 25.7 | 33.0 | 85 | - 2 | 7.3 | -0.1 | 20.9 | 0 | 19 | 12 | 01 | 1 | 0 | 1 | 7 | 19 | 1 | 1 | 0 | 0 |
| | 2330 | 17 | 1000.4 | 998.5 | .. | 27.2 | 25.8 | 25.2 | 32.1 | 89 | .. | 6.5 | .. | 12.6 | 0 | 7 | 17 | 00 | 1 | 0 | 0 | 5 | 17 | 1 | 0 | 7 | 0 |
| Koraput | 0830 | 913 | 1439.2 | 903.3 | -0.6 | 22.2 | 21.0 | 20.4 | 24.0 | 90 | + 0 | 7.4[a] | +0.4 | 8.1[a] | 0 | 1 | 29 | 00 | 0 | 0 | 7 | 0 | 23 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1433.2[f] | 902.0[f] | +0.1 | 23.9[f] | 21.7[f] | 20.7[f] | 24.4[f] | 84[f] | - 1 | 7.6[h] | +0.5 | 9.4[h] | 0 | 0 | 23 | 01 | 1 | 2 | 0 | 0 | 5 | 14 | 0 | 0 | 0 |
| BIHAR PLATEAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1000.1 | 983.6 | +0.3 | 29.2 | 26.5 | 25.3 | 32.2 | 80 | - 4 | 5.2 | -0.2 | 3.7 | 0 | 0 | 22 | 00 | 2 | 7 | 5 | 5 | 3 | 0 | 0 | 9 | 0 |
| | 1730 | 149 | 997.0 | 980.6 | +0.3 | 29.9 | 26.5 | 25.1 | 31.9 | 76 | - 5 | 4.9 | -0.7 | 3.8 | 0 | 0 | 23 | 00 | 2 | 4 | 9 | 4 | 1 | 3 | 0 | 8 | 0 |
| Daltonganj | 0830 | 221 | 998.4 | 974.2 | -0.5 | 30.7 | 26.6 | 24.9 | 31.5 | 71 | - 8 | 4.9 | -1.5 | 2.9 | 0 | 0 | 28 | 00 | 5 | 4 | 3 | 0 | 9 | 5 | 2 | 3 | 0 |
| | 1730 | 221 | 995.5 | 971.6 | +0.1 | 32.5 | 26.5 | 23.9 | 29.7 | 62 | -15 | 5.8 | -1.1 | 3.7 | 0 | 0 | 28 | 00 | 9 | 0 | 5 | 1 | 9 | 2 | 2 | 3 | 0 |
| Hazaribagh | 0830 | 611 | 999.2 | 932.9 | +0.0 | 27.0 | 24.1 | 22.9 | 27.9 | 79 | - 7 | 5.8 | -1.2 | 10.1 | 0 | 2 | 25 | 01 | 0 | 3 | 7 | 3 | 10 | 1 | 2 | 4 | 0 |
| | 1730 | 611 | 996.2 | 930.4 | +0.0 | 28.4 | 24.4 | 22.7 | 27.6 | 72 | -11 | 6.5 | -0.5 | 10.1 | 0 | 1 | 27 | 02 | 1 | 7 | 9 | 2 | 1 | 5 | 1 | 3 | 0 |
| Dhanbad | 0830 | 257 | 999.4 | 971.0 | +0.1 | 28.3 | 25.7 | 24.6 | 30.9 | 81 | - 2 | 4.7 | -1.7 | 3.9 | 0 | 0 | 27 | 00 | 6 | 0 | 15 | 0 | 3 | 0 | 1 | 4 | 2 |
| | 1730 | 257 | 996.3 | 968.1 | .. | 30.1 | 25.9 | 24.1 | 30.0 | 73 | .. | 4.3 | .. | 3.2 | 0 | 0 | 19 | 01 | 2 | 2 | 8 | 0 | 1 | 2 | 1 | 12 | 2 |
| Ranchi | 0830 | 655 | 998.6 | 927.6 | -0.5 | 25.8 | 22.2 | 20.5 | 24.1 | 73 | -13 | 5.6 | -1.4 | 1.3 | 0 | 0 | 21 | 05 | 1 | 5 | 3 | 0 | 0 | 3 | 4 | 10 | 0 |
| | 1730 | 655 | 996.6 | 926.0 | +0.9 | 26.8 | 23.1 | 21.5 | 25.6 | 73 | -11 | 6.5 | -0.6 | 1.3 | 0 | 0 | 21 | 00 | 4 | 6 | 2 | 0 | 0 | 2 | 6 | 10 | 1 |
| Ranchi Aerodrome | 0530 | 652 | 998.4 | 927.4 | .. | 24.1 | 23.1 | 22.7 | 27.6 | 92 | .. | 6.7 | .. | 7.9 | 0 | 2 | 19 | 00 | 3 | 4 | 2 | 4 | 6 | 1 | 1 | 10 | 0 |
| | 0830 | 652 | 999.1 | 928.5 | +0.1 | 26.1 | 23.9 | 23.0 | 28.1 | 83 | - 3 | 6.5 | -0.7 | 12.1 | 0 | 5 | 19 | 03 | 2 | 4 | 4 | 2 | 6 | 3 | 0 | 7 | 0 |
| | 1130 | 652 | 998.4 | 928.4 | .. | 28.5 | 24.6 | 22.9 | 27.9 | 71 | .. | 6.4 | .. | 14.7 | 0 | 7 | 20 | 00 | 6 | 7 | 1 | 2 | 6 | 4 | 1 | 4 | 0 |
| | 1430 | 652 | 996.3 | 926.6 | .. | 29.1 | 24.4 | 22.4 | 27.1 | 68 | .. | 6.6 | .. | 17.8 | 0 | 12 | 18 | 02 | 6 | 9 | 1 | 5 | 3 | 3 | 1 | 1 | 0 |
| | 1730 | 652 | 996.0 | 925.9 | -0.2 | 27.8 | 24.2 | 22.7 | 27.6 | 75 | - 8 | 6.9 | -0.2 | 14.6 | 0 | 6 | 23 | 00 | 8 | 7 | 1 | 6 | 2 | 3 | 2 | 2 | 0 |
| | 2030 | 652 | 998.5 | 927.7 | .. | 25.4 | 23.6 | 22.8 | 27.7 | 86 | .. | 6.6 | .. | 6.9 | 0 | 1 | 15 | 02 | 2 | 3 | 2 | 4 | 1 | 1 | 1 | 15 | 0 |
| Jamshedpur | 0830 | 129 | 999.2 | 984.9 | -0.4 | 28.8 | 26.3 | 25.3 | 32.2 | 81 | - 3 | 5.7 | -1.3 | 3.4 | 0 | 0 | 27 | 00 | 1 | 8 | 4 | 1 | 4 | 7 | 2 | 4 | 0 |
| | 1730 | 129 | 996.3 | 982.1 | -1.0 | 30.8 | 26.7 | 24.9 | 31.5 | 72 | - 5 | 6.6 | -0.5 | 4.5 | 0 | 0 | 28 | 00 | 2 | 9 | 7 | 3 | 3 | 3 | 1 | 3 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 998.6 | 982.8 | .. | 26.5 | 25.4 | 24.9 | 31.5 | 91 | .. | 6.3 | .. | 3.0 | 0 | 0 | 14 | 00 | 3 | 7 | 2 | 0 | 1 | 0 | 1 | 17 | 0 |
| | 0830 | 142 | 999.9 | 984.0 | +0.0 | 28.8 | 26.1 | 24.9 | 31.5 | 80 | - 3 | 6.0 | -1.1 | 5.3 | 0 | 0 | 27 | 00 | 6 | 4 | 3 | 2 | 7 | 4 | 1 | 4 | 0 |
| | 1130 | 142 | 998.9 | 983.3 | .. | 31.1 | 26.9 | 25.2 | 32.1 | 71 | .. | 5.6 | .. | 6.0 | 0 | 0 | 29 | 02 | 9 | 1 | 3 | 4 | 3 | 5 | 2 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 1430 | 142 | 996.7 | 981.2 | .. | 32.2 | 27.0 | 24.8 | 31.3 | 66 | .. | 6.3 | .. | 7.9 | 0 | 0 | 29 | 02 | 5 | 7 | 5 | 1 | 4 | 2 | 5 | 2 | 0 |
| | 1730 | 142 | 996.3 | 980.7 | -0.5 | 30.4 | 26.7 | 25.1 | 31.9 | 74 | - 3 | 7.1 | -0.2 | 5.7 | 0 | 0 | 25 | 00 | 5 | 7 | 4 | 3 | 4 | 1 | 1 | 6 | 0 |
| | 2030 | 142 | 998.8 | 983.0 | .. | 28.0 | 25.8 | 24.9 | 31.5 | 84 | .. | 6.5 | .. | 5.1 | 0 | 0 | 26 | 02 | 5 | 13 | 1 | 1 | 0 | 3 | 1 | 5 | 0 |
| | 2330 | 142 | 999.3 | 983.5 | .. | 27.3 | 25.7 | 25.0 | 31.7 | 87 | .. | 5.6 | .. | 4.3 | 0 | 0 | 24 | 00 | 3 | 12 | 2 | 1 | 2 | 0 | 4 | 7 | 0 |
| Chaibasa | 0830 | 226 | 999.5 | 974.5 | +0.0 | 28.5 | 25.8 | 24.7 | 31.1 | 79 | - 4 | 6.7 | -0.6 | 2.5 | 0 | 0 | 23 | 00 | 8 | 0 | 4 | 0 | 11 | 0 | 0 | 8 | 0 |
| | 1730 | 226 | 996.7 | 971.7 | +0.1 | 30.0 | 26.2 | 24.6 | 30.9 | 73 | - 7 | 7.2 | -0.3 | 2.3 | 0 | 0 | 24 | 00 | 10 | 0 | 6 | 0 | 6 | 2 | 0 | 7 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 999.5 | 992.2 | -0.1 | 28.8 | 27.1 | 26.5 | 34.6 | 85 | + 2 | 5.5[a] | -0.7[d] | 4.7 | 0 | 0 | 27 | 00 | 11 | 14 | 1 | 0 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 66 | 996.7 | 989.4 | +0.4 | 31.1 | 27.9 | 26.7 | 35.0 | 78 | - 1 | 3.6[a] | -1.8[a] | 5.1 | 0 | 1 | 25 | 02 | 7 | 12 | 1 | 0 | 1 | 2 | 1 | 4 | 0 |
| Forbesganj | 0830 | 61 | 1000.4 | 993.6 | -0.1 | 28.0 | 26.2 | 25.4 | 32.4 | 85 | - 2 | 6.8 | -0.2 | 3.2 | 0 | 0 | 28 | 00 | 1 | 22 | 4 | 0 | 0 | 1 | 0 | 3 | 0 |
| | 1730 | 61 | 997.1 | 990.3 | -0.2 | 30.3 | 27.1 | 25.8 | 33.2 | 77 | - 1 | 5.6 | -0.2 | 2.2 | 0 | 0 | 26 | 00 | 0 | 17 | 6 | 1 | 0 | 1 | 1 | 5 | 0 |
| Darbhanga | 0830 | 49 | 1001.3 | 995.8 | +1.2 | 30.6 | 27.4 | 26.1 | 33.8 | 77 | - 6 | 6.1 | -0.6 | 2.8 | 0 | 0 | 22 | 00 | 3 | 12 | 5 | 0 | 1 | 0 | 1 | 9 | 0 |
| | 1730 | 49 | 998.1 | 992.7 | +1.5 | 31.4 | 27.7 | 26.3 | 34.2 | 76 | - 1 | 4.0 | -1.3 | 1.5 | 0 | 0 | 18 | 00 | 8 | 9 | 0 | 0 | 1 | 0 | 0 | 13 | 0 |
| Chapra | 0830 | 58 | 999.0 | 992.5 | .. | 30.4 | 27.5 | 26.3 | 34.2 | 81 | .. | 5.3 | .. | 3.3 | 0 | 0 | 29 | 00 | 7 | 3 | 15 | 0 | 3 | 1 | 0 | 2 | 0 |
| | 1730 | 58 | 995.8 | 989.4 | .. | 32.5 | 28.5 | 27.0 | 35.7 | 74 | .. | 5.5 | .. | 2.8 | 0 | 0 | 27 | 01 | 11 | 1 | 7 | 0 | 2 | 1 | 4 | 4 | 0 |
| Purnea | 0830 | 38 | 1000.2 | 996.0 | -0.3 | 28.4 | 26.8 | 26.2 | 34.0 | 88 | + 3 | 6.0 | -0.7 | 2.3 | 0 | 0 | 29 | 00 | 0 | 27 | 0 | 0 | 1 | 1 | 0 | 2 | 0 |
| | 1730 | 38 | 997.2 | 993.0 | -0.1 | 30.1 | 27.5 | 26.5 | 34.6 | 81 | + 0 | 6.1 | +0.4 | 2.0 | 0 | 0 | 27 | 00 | 2 | 21 | 1 | 0 | 1 | 1 | 1 | 4 | 0 |
| Patna | 0830 | 53 | 999.3 | 993.4 | -0.2 | 29.7 | 26.9 | 25.8 | 33.2 | 80 | - 1 | 5.6 | +1.1 | 8.1 | 0 | 0 | 31 | 01 | 16 | 3 | 7 | 0 | 2 | 1 | 1 | 0 | 0 |
| | 1730 | 53 | 996.0 | 990.2 | -0.3 | 32.6 | 27.2 | 25.0 | 31.7 | 66 | - 9 | 5.6 | -0.8 | 8.5 | 0 | 1 | 30 | 01 | 17 | 6 | 2 | 0 | 0 | 5 | 0 | 0 | 0 |
| Patna Aerodrome | 0530 | 60 | 998.2 | 991.5 | .. | 27.7 | 26.2 | 25.5 | 32.6 | 87 | .. | 6.3 | .. | 6.5 | 0 | 0 | 26 | 00 | 6 | 14 | 3 | 0 | 3 | 0 | 0 | 5 | 0 |
| | 0830 | 60 | 999.4 | 992.7 | -0.1 | 30.4 | 26.9 | 25.5 | 32.6 | 75 | - 8 | 6.1 | -0.5 | 11.3 | 0 | 6 | 23 | 00 | 1 | 16 | 8 | 0 | 2 | 2 | 0 | 2 | 0 |
| | 1130 | 60 | 998.9 | 992.4 | .. | 32.9 | 27.5 | 25.3 | 32.2 | 65 | .. | 6.1 | .. | 11.2 | 0 | 4 | 26 | 02 | 6 | 9 | 6 | 1 | 2 | 2 | 2 | 1 | 0 |
| | 1430 | 60 | 996.6 | 990.0 | .. | 34.0 | 27.5 | 24.9 | 31.5 | 59 | .. | 5.8 | .. | 13.0 | 0 | 5 | 26 | 01 | 7 | 11 | 4 | 0 | 1 | 5 | 1 | 0 | 1 |
| | 1730 | 60 | 995.8 | 989.2 | -0.5 | 32.7 | 26.9 | 24.5 | 30.7 | 63 | -12 | 5.8 | -0.5 | 10.8 | 0 | 1 | 30 | 01 | 6 | 13 | 5 | 1 | 0 | 4 | 1 | 0 | 0 |
| | 2030 | 60 | 997.9 | 991.3 | .. | 30.4 | 26.6 | 25.0 | 31.7 | 73 | .. | 5.2 | .. | 8.5 | 0 | 2 | 25 | 01 | 3 | 14 | 5 | 1 | 1 | 2 | 0 | 4 | 0 |
| | 2330 | 60 | 998.8 | 992.1 | .. | 29.4 | 26.6 | 25.4 | 32.4 | 80 | .. | 4.8 | .. | 9.3 | 0 | 0 | 28 | 00 | 0 | 15 | 7 | 1 | 2 | 1 | 2 | 3 | 0 |
| Bhagalpur | 0530 | 49 | 999.1 | 993.6 | .. | 27.4 | 26.0 | 25.4 | 32.4 | 89 | .. | 6.9 | .. | 4.6 | 0 | 0 | 30 | 00 | 2 | 10 | 12 | 4 | 1 | 1 | 0 | 1 | 0 |
| | 0830 | 49 | 1000.0 | 994.5 | -0.8 | 30.3 | 27.3 | 26.1 | 33.8 | 78 | - 6 | 6.4 | -0.4 | 4.9 | 0 | 0 | 31 | 01 | 0 | 9 | 13 | 5 | 3 | 0 | 0 | 0 | 0 |
| | 1130 | 49 | 999.7 | 994.2 | .. | 32.4 | 27.7 | 25.9 | 33.4 | 70 | .. | 6.5 | .. | 6.1 | 0 | 1 | 29 | 00 | 3 | 9 | 12 | 2 | 0 | 2 | 2 | 1 | 0 |
| | 1730 | 49 | 996.8 | 991.4 | -0.8 | 31.0 | 27.0 | 25.4 | 32.4 | 73 | - 6 | 6.6 | +0.1 | 5.3 | 0 | 0 | 29 | 00 | 0 | 9 | 14 | 2 | 1 | 3 | 0 | 2 | 0 |
| | 2330 | 49 | 999.6 | 994.1 | .. | 28.6 | 26.6 | 25.8 | 33.2 | 85 | .. | 5.9 | .. | 4.9 | 0 | 1 | 27 | 00 | 0 | 7 | 14 | 4 | 3 | 0 | 0 | 3 | 0 |
| Sabaur | 0830 | 37 | 1000.0 | 995.9 | +0.1 | 29.5 | 27.6 | 26.9 | 35.4 | 86 | + 0 | 6.4 | -0.5 | 9.3 | 0 | 2 | 29 | 00 | 0 | 9 | 13 | 5 | 0 | 2 | 2 | 0 | 0 |
| | 1730 | 37 | 996.7 | 992.5 | -0.1 | 31.0 | 27.8 | 26.6 | 34.8 | 78 | - 4 | 6.5 | -0.2 | 8.6 | 0 | 1 | 27 | 01 | 2 | 11 | 10 | 2 | 0 | 1 | 1 | 3 | 0 |
| Jamui | 0830 | 82 | 998.5 | 989.7 | -1.1 | 30.7 | 27.4 | 26.1 | 33.8 | 78 | - 4 | 4.2[a] | -2.5 | 11.6[d] | 0 | 3 | 24 | 00 | 3 | 5 | 11 | 2 | 0 | 0 | 6 | 0 | 0 |
| | 1730 | 82 | 995.9 | 986.8 | -1.2 | 31.4 | 26.9 | 25.1 | 31.9 | 70 | - 9 | 5.1[a] | -1.5 | 8.7[a] | 0 | 2 | 27 | 01 | 5 | 3 | 15 | 1 | 2 | 0 | 2 | 1 | 0 |
| Dehri | 0830 | 107 | 998.1 | 986.3 | -1.2 | 31.2 | 27.0 | 25.3 | 32.2 | 71 | -13 | 5.0 | -1.4 | 3.7 | 0 | 0 | 31 | 00 | 1 | 9 | 5 | 5 | 9 | 0 | 2 | 0 | 0 |
| | 1730 | 107 | 994.7 | 982.9 | -1.3 | 33.7 | 26.9 | 24.0 | 29.8 | 59 | -16 | 5.8 | -1.0 | 4.7 | 0 | 0 | 31 | 01 | 2 | 12 | 4 | 0 | 3 | 7 | 2 | 0 | 0 |
| Gaya | 0230 | 116 | 998.0 | 985.1 | .. | 27.9 | 26.1 | 25.3 | 32.2 | 86 | .. | 4.5 | .. | 6.6 | 0 | 1 | 26 | 00 | 4 | 7 | 6 | 4 | 5 | 0 | 1 | 4 | 0 |
| | 0530 | 116 | 998.1 | 985.2 | .. | 27.5 | 26.0 | 25.3 | 32.2 | 88 | .. | 5.8 | .. | 7.3 | 0 | 1 | 27 | 00 | 3 | 12 | 3 | 2 | 5 | 2 | 1 | 3 | 0 |
| | 0830 | 116 | 999.1 | 986.3 | +0.1 | 30.7 | 26.8 | 25.1 | 31.9 | 73 | - 6 | 5.7 | -0.4 | 11.2 | 0 | 3 | 25 | 01 | 1 | 8 | 5 | 3 | 8 | 2 | 0 | 3 | 0 |
| | 1130 | 116 | 998.8 | 986.1 | .. | 33.7 | 27.2 | 24.5 | 30.7 | 59 | .. | 6.1 | .. | 14.2 | 0 | 7 | 23 | 02 | 6 | 7 | 3 | 1 | 3 | 7 | 1 | 1 | 0 |
| | 1430 | 116 | 996.7 | 984.0 | .. | 34.1 | 27.0 | 23.9 | 29.7 | 57 | .. | 6.3 | .. | 16.6 | 0 | 11 | 19 | 04 | 6 | 9 | 2 | 0 | 2 | 6 | 1 | 1 | 0 |
| | 1730 | 116 | 995.7 | 983.0 | +0.0 | 32.8 | 26.5 | 23.7 | 29.3 | 60 | -12 | 6.0 | -0.4 | 13.5 | 0 | 7 | 23 | 03 | 4 | 12 | 4 | 2 | 1 | 4 | 0 | 1 | 0 |
| | 2030 | 116 | 997.9 | 985.0 | .. | 30.2 | 26.6 | 25.1 | 31.9 | 75 | .. | 5.2 | .. | 9.2 | 0 | 1 | 29 | 01 | 4 | 6 | 6 | 4 | 5 | 3 | 1 | 1 | 0 |
| | 2330 | 116 | 998.8 | 985.9 | .. | 28.8 | 26.4 | 25.4 | 32.4 | 82 | .. | 5.2 | .. | 7.7 | 0 | 1 | 25 | 00 | 3 | 5 | 9 | 3 | 3 | 2 | 1 | 5 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 999.1 | 985.4 | +0.0 | 29.2 | 26.6 | 25.5 | 32.6 | 80 | - 1 | 5.8 | -0.2 | 9.1 | 0 | 1 | 26 | 00 | 1 | 5 | 17 | 0 | 1 | 3 | 0 | 4 | 0 |
| | 1730 | 124 | 995.6 | 982.0 | -0.4 | 32.4 | 27.4 | 25.4 | 32.4 | 69 | - 4 | 6.5 | +0.8 | 7.5 | 0 | 1 | 22 | 00 | 0 | 3 | 13 | 0 | 3 | 2 | 2 | 8 | 0 |
| Nautanwa | 0830 | 99 | 998.5 | 987.5 | -1.2 | 29.0 | 26.6 | 25.4 | 32.4 | 81 | - 2 | 5.3 | -0.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 99 | 995.4 | 984.5 | -1.2 | 31.3 | 27.4 | 25.5 | 32.6 | 73 | - 3 | 4.8 | +0.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hardoi | 0830 | 142 | 998.7 | 982.9 | -0.4 | 30.5 | 26.9 | 25.3 | 32.4 | 75 | - 9 | 2.9 | -2.6 | 4.1 | 0 | 0 | 30 | 03 | 1 | 12 | 3 | 2 | 3 | 5 | 1 | 1 | 0 |
| | 1730 | 142 | 994.8 | 979.2 | -1.0 | 33.7 | 27.2 | 24.7 | 31.1 | 62 | -12 | 2.8 | -2.2 | 3.2 | 0 | 0 | 26 | 07 | 2 | 11 | 0 | 0 | 2 | 2 | 2 | 5 | 0 |
| Gonda | 0830 | 110 | 999.2 | 987.0 | -0.4 | 29.9 | 26.9 | 25.5 | 32.6 | 79 | - 5 | 4.6 | -1.6 | 2.9 | 0 | 0 | 25 | 00 | 0 | 22 | 0 | 0 | 0 | 2 | 1 | 6 | 0 |
| | 1730 | 110 | 995.7 | 983.6 | -0.4 | 32.2 | 27.6 | 25.7 | 33.0 | 68 | - 8 | 4.3 | -1.3 | 2.5 | 0 | 0 | 22 | 00 | 1 | 15 | 0 | 0 | 0 | 5 | 1 | 9 | 0 |
| Lucknow | 0830 | 111 | 998.2 | 986.0 | -0.5 | 30.7 | 27.2 | 25.7 | 33.0 | 75 | - 7 | 4.0[g] | -2.2 | 0.7[g] | 0 | 0 | 6 | 00 | 0 | 3 | 0 | 0 | 0 | 2 | 1 | 18 | 0 |
| | 1730 | 111 | 995.3 | 983.2 | -0.2 | 33.9 | 27.7 | 25.2 | 32.1 | 61 | -15 | 4.5[h] | -1.2 | 0.6[h] | 0 | 0 | 5 | 00 | 0 | 4 | 0 | 0 | 0 | 0 | 1 | 18 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 997.0 | 982.8 | .. | 28.3 | 26.3 | 25.5 | 32.6 | 86 | .. | 3.6 | .. | 5.7 | 0 | 2 | 21 | 01 | 4 | 10 | 2 | 1 | 4 | 1 | 0 | 8 | 0 |
| | 0530 | 128 | 997.1 | 983.0 | .. | 27.5 | 25.8 | 25.0 | 31.7 | 87 | .. | 4.7 | .. | 6.5 | 0 | 2 | 20 | 00 | 4 | 8 | 2 | 0 | 3 | 5 | 0 | 9 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) (Contd.) | 0830 | 128 | 998.4 | 984.3 | -0.4 | 29.8 | 26.3 | 24.9 | 31.5 | 76 | - 8 | 4.3 | -2.2 | 10.6 | 0 | 5 | 25 | 02 | 1 | 11 | 5 | 2 | 0 | 6 | 3 | 1 | 0 |
| | 1130 | 128 | 998.2 | 984.2 | .. | 32.9 | 26.9 | 24.3 | 30.4 | 62 | .. | 4.3 | .. | 11.6 | 0 | 3 | 26 | 02 | 0 | 9 | 7 | 2 | 2 | 5 | 2 | 2 | 0 |
| | 1430 | 128 | 996.3 | 982.3 | .. | 33.7 | 26.8 | 23.7 | 29.3 | 58 | .. | 4.9 | .. | 12.7 | 0 | 5 | 25 | 04 | 2 | 6 | 6 | 2 | 1 | 3 | 6 | 1 | 0 |
| | 1730 | 128 | 995.0 | 981.0 | -0.9 | 33.0 | 26.5 | 23.9 | 29.7 | 62 | -12 | 4.7 | -1.5 | 9.9 | 0 | 4 | 22 | 04 | 2 | 7 | 3 | 2 | 1 | 4 | 3 | 5 | 0 |
| | 2030 | 128 | 996.7 | 982.6 | .. | 30.2 | 26.7 | 25.3 | 32.2 | 72 | .. | 4.0 | .. | 0.5 | 0 | 2 | 20 | 00 | 6 | 5 | 4 | 3 | 3 | 0 | 1 | 9 | 0 |
| | 2330 | 128 | 997.6 | 983.4 | .. | 29.2 | 26.6 | 25.4 | 32.4 | 81 | .. | 3.1 | .. | 5.1 | 0 | 0 | 20 | 00 | 2 | 10 | 4 | 1 | 3 | 0 | 0 | 11 | 0 |
| Faizabad | 0830 | 102 | 998.4 | 987.2 | -0.2 | 29.8 | 27.1 | 26.1 | 33.8 | 81 | - 4 | 5.4 | -0.9 | 5.2 | 0 | 0 | 27 | 00 | 3 | 11 | 8 | 1 | 1 | 2 | 1 | 4 | 0 |
| | 1730 | 102 | 995.4 | 984.3 | +0.0 | 31.8 | 27.6 | 26.0 | 33.6 | 72 | - 3 | 5.7 | +0.2 | 4.5 | 0 | 0 | 23 | 00 | 6 | 9 | 1 | 1 | 2 | 3 | 1 | 8 | 0 |
| Gorakhpur | 0830 | 77 | 999.2 | 990.6 | -0.1 | 29.7 | 26.8 | 25.7 | 33.0 | 78 | - 5 | 5.1 | -1.0 | 2.9 | 0 | 0 | 30 | 03 | 0 | 20 | 1 | 1 | 0 | 5 | 0 | 1 | 0 |
| | 1730 | 77 | 996.1 | 987.6 | +0.0 | 32.6 | 27.6 | 25.7 | 33.0 | 68 | - 8 | 5.4 | +0.1 | 2.7 | 0 | 0 | 31 | 03 | 2 | 18 | 0 | 0 | 1 | 7 | 0 | 0 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5.0 | .. | 6.1 | 0 | 1 | 26 | 01 | 5 | 12 | 4 | 1 | 3 | 1 | 0 | 4 | 0 |
| | 0530 | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6.5 | .. | 5.5 | 0 | 0 | 27 | 03 | 6 | 13 | 2 | 1 | 1 | 1 | 0 | 4 | 0 |
| | 1130 | 78 | Pressure and temperature data for less | | | | | | | .. | .. | 6.5 | .. | 9.4 | 0 | 2 | 29 | 02 | 3 | 13 | 7 | 0 | 2 | 3 | 1 | 0 | 0 |
| | 1430 | 78 | than 15 days; hence no means published. | | | | | | | .. | .. | 6.1 | .. | 9.1 | 0 | 2 | 23 | 01 | 0 | 11 | 6 | 0 | 1 | 5 | 1 | 6 | 0 |
| | 2030 | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4.6 | .. | 6.0 | 0 | 1 | 23 | 01 | 4 | 8 | 4 | 2 | 2 | 2 | 1 | 7 | 0 |
| | 2330 | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4.3 | .. | 7.2 | 0 | 1 | 28 | 02 | 9 | 9 | 3 | 2 | 2 | 1 | 1 | 2 | 0 |
| Kanpur | 0830 | 126 | 998.5 | 984.3 | -0.5 | 29.6 | 26.6 | 25.2 | 32.1 | 78 | - 3 | 3.4 | -2.2 | 8.5 | 0 | 0 | 26 | 02 | 0 | 11 | 0 | 3 | 1 | 8 | 1 | 5 | 0 |
| | 1730 | 126 | 995.8 | 982.0 | +0.1 | 34.1 | 27.2 | 24.2 | 30.2 | 60 | - 8 | 4.5 | -1.2 | 9.4 | 0 | 1 | 30 | 04 | 1 | 12 | 2 | 0 | 1 | 6 | 5 | 0 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 997.1 | 983.3 | .. | 27.7 | 25.8 | 24.9 | 31.5 | 85 | .. | 4.3 | .. | 7.1 | 0 | 0 | 23 | 00 | 2 | 5 | 2 | 2 | 3 | 7 | 2 | 8 | 0 |
| | 0830 | 126 | 998.4 | 984.5 | .. | 30.5 | 26.5 | 24.8 | 31.3 | 73 | .. | 4.1 | .. | 11.6 | 0 | 1 | 27 | 01 | 1 | 7 | 5 | 1 | 3 | 9 | 1 | 3 | 0 |
| | 1130 | 126 | 998.2 | 984.5 | .. | 34.3 | 27.2 | 24.3 | 30.4 | 59 | .. | 4.2 | .. | 12.5 | 0 | 4 | 26 | 02 | 0 | 4 | 5 | 2 | 2 | 11 | 3 | 1 | 1 |
| | 1730 | 126 | 995.2 | 981.4 | .. | 33.8 | 26.7 | 23.5 | 28.5 | 59 | .. | 4.5 | .. | 12.9 | 0 | 1 | 30 | 05 | 0 | 7 | 4 | 1 | 2 | 9 | 3 | 0 | 0 |
| | 2330 | 126 | 997.5 | 983.6 | .. | 29.6 | 26.8 | 25.3 | 32.2 | 80 | .. | 2.8 | .. | 6.5 | 0 | 0 | 20 | 00 | 2 | 6 | 5 | 1 | 2 | 4 | 0 | 11 | 0 |
| Sultanpur | 0830 | 97 | 999.0 | 988.2 | +0.1 | 30.3 | 27.0 | 25.6 | 32.8 | 77 | - 4 | 4.4 | -1.6 | 2.3 | 0 | 0 | 22 | 00 | 1 | 9 | 2 | 3 | 1 | 5 | 1 | 9 | 0 |
| | 1730 | 97 | 995.0 | 984.5 | -0.4 | 33.0 | 27.8 | 25.7 | 33.0 | 67 | - 7 | 4.5 | -1.4 | 2.0 | 0 | 0 | 22 | 01 | 2 | 13 | 0 | 1 | 1 | 4 | 0 | 9 | 0 |
| Azamgarh | 0830 | 78 | 998.8 | 990.2 | -0.2 | 30.0 | 27.5 | 26.5 | 34.6 | 83 | - 3 | 5.0 | -1.2 | 4.4 | 0 | 0 | 30 | 03 | 1 | 20 | 0 | 0 | 0 | 6 | 0 | 1 | 0 |
| | 1730 | 78 | 995.6 | 987.1 | -0.4 | 32.2 | 28.5 | 27.1 | 36.1 | 75 | - 5 | 5.6 | +0.7 | 4.1 | 0 | 0 | 24 | 06 | 4 | 6 | 0 | 1 | 3 | 4 | 0 | 7 | 0 |
| Fatehpur | 0830 | 114 | 998.6 | 985.8 | +0.0 | 30.9 | 26.9 | 25.3 | 32.4 | 73 | - 8 | 3.7 | -2.0 | 7.4 | 0 | 1 | 29 | 01 | 3 | 6 | 2 | 1 | 7 | 6 | 4 | 1 | 0 |
| | 1730 | 114 | 995.2 | 982.7 | -0.1 | 33.7 | 27.3 | 24.9 | 31.5 | 62 | -11 | 4.5 | -0.9 | 5.9 | 0 | 6 | 20 | 01 | 5 | 4 | 3 | 2 | 3 | 3 | 5 | 5 | 0 |
| Ballia | 0830 | 64 | 999.3 | 992.2 | +0.1 | 31.2 | 28.1 | 26.9 | 35.4 | 79 | - 5 | 5.3 | -0.8 | 2.4 | 0 | 0 | 24 | 00 | 1 | 15 | 3 | 0 | 0 | 5 | 0 | 7 | 0 |
| | 1730 | 64 | 996.0 | 989.3 | -0.3 | 33.2 | 27.5 | 25.2 | 32.1 | 64 | - 8 | 7.0 | +1.9 | 1.4 | 0 | 0 | 15 | 00 | 0 | 12 | 1 | 0 | 0 | 2 | 0 | 16 | 0 |
| Banda | 0830 | 121 | 999.0 | 985.6 | -0.3 | 31.8 | 26.6 | 24.3 | 30.4 | 67 | -16 | 3.5 | -1.6 | 1.9 | 0 | 0 | 21 | 00 | 3 | 1 | 3 | 0 | 14 | 0 | 0 | 10 | 0 |
| | 1730 | 121 | 995.5 | 982.2 | -0.6 | 33.4 | 26.9 | 24.1 | 30.0 | 63 | -13 | 3.5 | -1.5 | 1.3 | 0 | 0 | 16 | 00 | 5 | 0 | 3 | 0 | 7 | 0 | 1 | 15 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 997.1 | 986.3 | .. | 29.0 | 26.3 | 25.1 | 31.9 | 80 | .. | 3.9 | .. | 2.4 | 0 | 1 | 12 | 01 | 3 | 1 | 1 | 4 | 2 | 1 | 0 | 18 | 0 |
| | 0530 | 98 | 997.2 | 986.4 | .. | 28.3 | 26.1 | 25.2 | 32.1 | 82 | .. | 4.5 | .. | 2.3 | 0 | 2 | 14 | 02 | 5 | 2 | 2 | 1 | 3 | 1 | 0 | 15 | 0 |
| | 0830 | 98 | 998.6 | 987.8 | -0.1 | 31.2 | 26.7 | 24.8 | 31.3 | 70 | -10 | 4.7 | -1.9 | 4.7 | 0 | 2 | 22 | 00 | 4 | 5 | 0 | 3 | 6 | 4 | 2 | 7 | 0 |
| | 1130 | 98 | 998.2 | 987.6 | .. | 34.4 | 27.4 | 24.4 | 30.5 | 58 | .. | 5.1 | .. | 4.4 | 0 | 2 | 24 | 00 | 4 | 6 | 0 | 3 | 4 | 5 | 4 | 5 | 0 |
| | 1430 | 98 | 996.3 | 985.7 | .. | 35.2 | 27.6 | 24.4 | 30.5 | 56 | .. | 5.5 | .. | 7.1 | 0 | 7 | 22 | 04 | 5 | 2 | 1 | 1 | 4 | 6 | 6 | 2 | 0 |
| | 1730 | 98 | 995.0 | 984.4 | -0.5 | 34.2 | 27.5 | 24.7 | 31.1 | 60 | -11 | 5.3 | -1.4 | 3.8 | 0 | 2 | 22 | 00 | 4 | 5 | 0 | 3 | 6 | 4 | 2 | 7 | 0 |
| | 2030 | 98 | 996.8 | 986.0 | .. | 31.5 | 27.2 | 25.4 | 32.4 | 71 | .. | 4.8 | .. | 1.8 | 0 | 0 | 10 | 01 | 2 | 1 | 1 | 3 | 1 | 0 | 1 | 21 | 0 |
| | 2330 | 98 | 997.7 | 986.9 | .. | 30.1 | 26.8 | 25.4 | 32.4 | 77 | .. | 3.8 | .. | 1.9 | 0 | 1 | 10 | 01 | 5 | 1 | 1 | 1 | 0 | 1 | 1 | 20 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 998.3 | 988.7 | .. | 27.6 | 26.2 | 25.7 | 33.0 | 89 | .. | 5.2 | .. | 0.7 | 0 | 2 | 19 | 01 | 1 | 3 | 5 | 1 | 3 | 5 | 1 | 10 | 1 |
| | 0830 | 85 | 999.6 | 990.0 | -0.2 | 30.4 | 27.2 | 25.8 | 33.2 | 77 | - 5 | 5.2 | -1.2 | 8.8 | 0 | 1 | 23 | 00 | 2 | 7 | 2 | 2 | 6 | 5 | 0 | 7 | 0 |
| | 1130 | 85 | 999.1 | 989.6 | .. | 33.3 | 27.7 | 25.4 | 32.4 | 64 | .. | 4.8 | .. | 1.1 | 0 | 4 | 22 | 01 | 1 | 9 | 0 | 0 | 4 | 6 | 4 | 5 | 1 |
| | 1730 | 85 | 996.1 | 986.6 | -0.7 | 33.0 | 27.6 | 25.5 | 32.6 | 66 | - 7 | 5.2 | -1.0 | 8.3 | 0 | 1 | 23 | 02 | 3 | 8 | 0 | 1 | 2 | 5 | 2 | 7 | 1 |
| | 2330 | 85 | 998.7 | 989.2 | .. | 29.1 | 27.0 | 26.1 | 33.8 | 85 | .. | 4.4 | .. | 6.8 | 0 | 1 | 18 | 03 | 0 | 7 | 1 | 3 | 3 | 2 | 0 | 12 | 0 |
| Varanasi | 0830 | 76 | 998.3 | 989.8 | -0.5 | 29.9 | 27.0 | 25.5 | 32.6 | 76 | - 5 | 4.2 | -2.2 | 3.6 | 0 | 0 | 25 | 01 | 6 | 2 | 1 | 0 | 3 | 9 | 3 | 6 | 0 |
| | 1730 | 76 | 995.2 | 986.8 | -0.4 | 33.4 | 27.7 | 25.5 | 33.6 | 64 | - 9 | 4.9 | -1.5 | 3.3 | 0 | 0 | 22 | 01 | 5 | 3 | 2 | 0 | 1 | 7 | 3 | 9 | 0 |
| UTTAR PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | .. | .. | .. | .. | 20.0 | 17.9 | 16.7 | 18.1 | 83 | - 8 | 5.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | .. | .. | .. | .. | 20.6 | 17.9 | 16.4 | 18.6 | 78 | - 9 | 5.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | 770 | 1009.1 | 925.3 | .. | 25.8 | 22.8 | 21.3 | 25.3 | 79 | - 3 | 5.2 | -1.2 | 1.1 | 0 | 0 | 12 | 04 | 5 | 0 | 1 | 0 | 0 | 1 | 1 | 19 | 0 |
| | 1130 | 770 | 1006.6 | 924.2 | .. | 30.1 | 23.9 | 21.2 | 25.2 | 60 | .. | 5.0 | .. | 1.8 | 0 | 0 | 19 | 03 | 5 | 2 | 4 | 1 | 3 | 0 | 1 | 12 | 0 |
| | 1730 | 770 | 1003.3 | 921.4 | .. | 31.2 | 24.0 | 20.8 | 24.6 | 56 | - 6 | 4.5 | -0.9 | 2.4 | 0 | 0 | 22 | 01 | 0 | 0 | 3 | 12 | 5 | 1 | 0 | 9 | 0 |
| Dehra Dun | 0530 | 682 | 998.5 | 924.1 | .. | 24.2 | 22.2 | 21.2 | 25.2 | 84 | .. | 5.3 | .. | 3.9 | 0 | 1 | 9 | 03 | 5 | 0 | 0 | 0 | 0 | 1 | 1 | 21 | 0 |
| | 0830 | 682 | 999.3 | 925.2 | +0.0 | 25.7 | 23.1 | 21.8 | 26.1 | 81 | - 4 | 5.0 | -1.3 | 0.8 | 0 | 0 | 11 | 02 | 2 | 2 | 2 | 0 | 3 | 0 | 0 | 20 | 0 |
| | 1130 | 682 | 999.0 | 925.5 | .. | 28.7 | 24.3 | 22.3 | 26.9 | 70 | .. | 5.5 | .. | 0.2 | 0 | 0 | 20 | 00 | 2 | 0 | 4 | 5 | 5 | 3 | 1 | 11 | 0 |
| | 1730 | 682 | 995.5 | 922.3 | -0.2 | 29.6 | 24.4 | 22.2 | 26.7 | 67 | -10 | 4.7 | -0.8 | 1.4 | 0 | 0 | 16 | 09 | 0 | 0 | 2 | 0 | 2 | 2 | 1 | 15 | 0 |
| | 2330 | 682 | 998.4 | 924.4 | .. | 25.7 | 23.5 | 22.5 | 27.3 | 83 | .. | 3.8 | .. | 0.7 | 0 | 0 | 9 | 04 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 22 | 0 |
| Mansiari | 0830 | 733 | .. | .. | .. | 18.2 | 16.4 | 15.3 | 17.4 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari (Contd.) | 1730 | 733 | .. | .. | .. | 18.7 | 17.0 | 15.9 | 18.1 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 999.7 | 969.4 | +0.8 | 28.4 | 24.8 | 23.1 | 28.4 | 74 | - 6 | 4.4 | -1.3 | 1.2 | 0 | 0 | 18 | 00 | 0 | 0 | 15 | 0 | 0 | 0 | 3 | 13 | 0 |
| | 1730 | 274 | 995.4 | 965.8 | +0.1 | 33.2 | 26.7 | 23.7 | 29.3 | 60 | - 8 | 3.5 | -1.7 | 0.8 | 0 | 0 | 13 | 00 | 0 | 0 | 9 | 0 | 1 | 0 | 3 | 18 | 0 |
| Najibabad | 0830 | 270 | 999.3 | 969.6 | -0.1 | 28.8 | 25.4 | 23.9 | 29.6 | 76 | - 7 | 5.0 | +0.0 | 4.5 | 0 | 0 | 30 | 01 | 1 | 23 | 2 | 0 | 1 | 0 | 2 | 1 | 0 |
| | 1730 | 270 | 995.5 | 966.3 | -1.0 | 33.2 | 26.2 | 22.9 | 27.4 | 57 | -12 | 4.3 | +0.4 | 3.5 | 0 | 0 | 30 | 02 | 0 | 8 | 2 | 0 | 2 | 13 | 3 | 1 | 0 |
| Meerut | 0830 | | 998.8 | 974.4 | -0.2 | 30.0 | 26.1 | 24.3 | 30.4 | 73 | - 6 | 1.6 | -2.4 | 3.8 | 0 | 0 | 25 | 01 | 4 | 11 | 1 | 0 | 0 | 6 | 2 | 6 | 0 |
| Bareilly | 0830 | 173 | 998.7 | 979.6 | +0.0 | 29.9 | 27.3 | 26.2 | 34.0 | 81 | + 0 | 4.3 | -1.7 | 7.6 | 0 | 1 | 29 | 03 | 2 | 10 | 7 | 1 | 2 | 3 | 2 | 1 | 0 |
| | 1730 | 173 | 994.9 | 976.0 | -0.5 | 34.0 | 28.1 | 25.7 | 33.0 | 64 | - 7 | 4.2 | -1.7 | 4.3 | 0 | 0 | 31 | 05 | 6 | 15 | 3 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 997.0 | 977.9 | .. | 28.6 | 26.2 | 25.3 | 32.2 | 83 | .. | 3.1 | .. | 4.8 | 0 | 0 | 24 | 01 | 2 | 16 | 2 | 0 | 0 | 2 | 1 | 7 | 0 |
| | 0530 | 172 | 997.5 | 978.3 | .. | 28.1 | 26.1 | 25.3 | 32.2 | 85 | .. | 4.2 | .. | 5.4 | 0 | 0 | 29 | 04 | 2 | 19 | 0 | 0 | 0 | 1 | 3 | 2 | 0 |
| | 1130 | 172 | 998.5 | 979.6 | .. | 32.5 | 26.9 | 25.1 | 31.9 | 66 | .. | 4.3 | .. | 8.1 | 0 | 2 | 27 | 01 | 1 | 9 | 9 | 0 | 0 | 6 | 3 | 2 | 0 |
| | 1430 | 172 | 996.3 | 977.6 | .. | 34.5 | 26.5 | 24.5 | 30.7 | 58 | .. | 4.0 | .. | 7.7 | 0 | 0 | 31 | 00 | 5 | 5 | 8 | 0 | 1 | 4 | 8 | 0 | 0 |
| | 2030 | 172 | 996.4 | 977.4 | .. | 32.0 | 26.9 | 25.4 | 32.4 | 70 | .. | 2.6 | .. | 3.7 | 0 | 0 | 23 | 01 | 4 | 8 | 4 | 0 | 0 | 2 | 4 | 8 | 0 |
| | 2330 | 172 | 997.6 | 978.6 | .. | 29.9 | 26.5 | 25.2 | 32.1 | 77 | .. | 2.4 | .. | 4.2 | 0 | 0 | 23 | 01 | 1 | 9 | 9 | 0 | 0 | 2 | 1 | 8 | 0 |
| Aligarh | 0830 | 187 | 998.9 | 978.3 | +0.6 | 30.7 | 26.0 | 23.9 | 29.7 | 69 | - 8 | 3.7 | -1.6 | 7.1 | 0 | 0 | 29 | 05 | 0 | 10 | 2 | 2 | 1 | 8 | 1 | 2 | 0 |
| | 1730 | 187 | 995.2 | 974.4 | -0.4 | 35.5 | 26.5 | 22.3 | 26.9 | 50 | -15 | 4.5 | -0.8 | 4.3 | 0 | 0 | 29 | 14 | 1 | 5 | 0 | 2 | 1 | 4 | 2 | 2 | 0 |
| Mainpuri | 0830 | 157 | 997.9 | 980.6 | -0.6 | 30.9 | 26.7 | 24.8 | 31.3 | 71 | - 8 | 3.4 | -2.4 | 3.6 | 0 | 0 | 21 | 00 | 0 | 7 | 2 | 0 | 0 | 4 | 8 | 10 | 0 |
| | 1730 | 157 | 995.0 | 978.0 | -0.4 | 35.2 | 27.7 | 24.5 | 30.7 | 57 | -12 | 4.2 | -1.5 | 3.8 | 0 | 0 | 23 | 02 | 1 | 9 | 0 | 0 | 1 | 1 | 9 | 8 | 0 |
| Agra | 0830 | 169 | 998.5 | 980.0 | +0.1 | 31.7 | 26.1 | 23.6 | 29.1 | 69 | - 6 | 3.7 | -1.6 | 4.4 | 0 | 0 | 26 | 00 | 5 | 0 | 5 | 1 | 8 | 0 | 7 | 5 | 0 |
| | 1730 | 169 | 994.7 | 976.4 | -0.4 | 35.6 | 26.7 | 22.7 | 27.6 | 51 | -15 | 5.5 | +0.1 | 6.5 | 0 | 1 | 22 | 00 | 7 | 2 | 2 | 1 | 2 | 0 | 9 | 8 | 0 |
| Agra (Aerodrome) | 0530 | 168 | 997.1 | 978.4 | .. | 27.9 | 24.8 | 23.7 | 29.3 | 77 | .. | 3.5 | .. | 8.6 | 0 | 3 | 19 | 00 | 1 | 6 | 1 | 1 | 4 | 7 | 2 | 9 | 0 |
| | 0830 | 168 | 998.4 | 980.0 | .. | 30.9 | 26.3 | 24.3 | 30.4 | 69 | .. | 3.6 | .. | 13.8 | 0 | 5 | 24 | 00 | 1 | 2 | 7 | 2 | 5 | 8 | 4 | 2 | 0 |
| | 1130 | 168 | 998.4 | 980.0 | .. | 34.5 | 27.1 | 24.0 | 29.8 | 56 | .. | 3.6 | .. | 15.3 | 0 | 6 | 25 | 02 | 3 | 2 | 6 | 1 | 0 | 9 | 7 | 0 | 1 |
| | 1730 | 168 | 994.9 | 976.6 | .. | 34.5 | 26.6 | 23.1 | 28.3 | 53 | .. | 4.5 | .. | 14.4 | 0 | 2 | 26 | 05 | 4 | 1 | 4 | 1 | 2 | 4 | 7 | 3 | 0 |
| | 2330 | 168 | 997.5 | 978.9 | .. | 30.1 | 25.6 | 23.7 | 29.3 | 70 | .. | 3.2 | .. | 7.2 | 0 | 3 | 16 | 01 | 0 | 1 | 6 | 5 | 1 | 4 | 1 | 12 | 0 |
| Orai | 0830 | 141 | 998.3 | 982.8 | -1.1 | 31.2 | 27.1 | 25.4 | 32.4 | 72 | - 8 | 4.0 | -1.3 | 2.6 | 0 | 0 | 30 | 00 | 4 | 3 | 0 | 0 | 5 | 2 | 16 | 1 | 0 |
| | 1730 | 141 | 995.5 | 980.0 | -0.9 | 33.4 | 27.0 | 24.1 | 30.0 | 60 | -12 | 2.2 | -3.1 | 3.0 | 0 | 0 | 31 | 01 | 22 | 0 | 2 | 0 | 0 | 1 | 5 | 0 | 0 |
| Jhansi | 0830 | 251 | 999.1 | 971.5 | +0.3 | 30.3 | 25.1 | 22.5 | 27.3 | 66 | -12 | 4.1 | -1.5 | 1.8 | 0 | 0 | 25 | 03 | 1 | 4 | 0 | 0 | 1 | 16 | 0 | 6 | 0 |
| | 1730 | 251 | 995.3 | 968.2 | -0.2 | 35.0 | 26.2 | 22.3 | 26.9 | 47 | -23 | 4.7 | -1.4 | 2.3 | 0 | 0 | 26 | 06 | 0 | 4 | 0 | 2 | 1 | 13 | 0 | 5 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 997.5 | 962.9 | .. | 26.5 | 23.5 | 22.1 | 26.6 | 78 | .. | 4.8 | .. | 6.5 | 0 | 2 | 19 | 04 | 7 | 2 | 4 | 3 | 1 | 0 | 0 | 10 | 0 |
| | 0830 | 312 | 998.5 | 964.3 | +0.1 | 28.3 | 24.1 | 22.0 | 26.4 | 71 | - 4 | 5.2 | -0.2 | 8.7 | 0 | 3 | 19 | 03 | 5 | 6 | 1 | 6 | 0 | 0 | 1 | 9 | 0 |
| | 1130 | 312 | 999.0 | 964.8 | .. | 29.7 | 24.9 | 22.2 | 26.7 | 65 | .. | 5.0 | .. | 11.9 | 0 | 2 | 28 | 02 | 4 | 4 | 0 | 11 | 5 | 3 | 1 | 1 | 0 |
| | 1730 | 312 | 995.3 | 961.5 | -0.9 | 32.9 | 25.0 | 21.0 | 24.9 | 52 | - 9 | 4.0 | -0.7 | 11.1 | 0 | 2 | 29 | 02 | 1 | 3 | 1 | 7 | 8 | 7 | 2 | 0 | 0 |
| | 2330 | 312 | 997.3 | 963.0 | .. | 28.7 | 25.0 | 22.1 | 26.6 | 70 | .. | 3.1 | .. | 2.6 | 0 | 0 | 10 | 01 | 4 | 2 | 0 | 2 | 1 | 0 | 0 | 21 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 997.0 | 970.9 | .. | 26.3 | 24.6 | 23.7 | 29.3 | 86 | .. | 4.0 | .. | 4.5 | 0 | 1 | 14 | 01 | 1 | 5 | 6 | 1 | 0 | 0 | 1 | 16 | 0 |
| | 0830 | 234 | 998.2 | 972.3 | -0.2 | 28.5 | 25.0 | 23.4 | 28.7 | 75 | + 0 | 4.1 | +0.3 | 9.8 | 0 | 5 | 21 | 02 | 2 | 9 | 5 | 5 | 1 | 1 | 1 | 5 | 0 |
| | 1130 | 234 | 998.5 | 972.9 | .. | 31.9 | 25.6 | 22.6 | 27.4 | 60 | .. | 4.0 | .. | 10.6 | 0 | 6 | 21 | 01 | 5 | 6 | 6 | 2 | 4 | 0 | 3 | 4 | 0 |
| | 1430 | 234 | 997.0 | 971.5 | .. | 33.2 | 26.0 | 22.6 | 27.4 | 57 | .. | 3.5 | .. | 10.5 | 0 | 4 | 20 | 00 | 4 | 6 | 5 | 1 | 2 | 1 | 5 | 7 | 0 |
| | 1730 | 234 | 995.0 | 969.6 | +0.1 | 33.7 | 25.7 | 21.9 | 26.3 | 53 | - 4 | -3.0 | -0.2 | 6.9 | 0 | 2 | 20 | 00 | 2 | 5 | 7 | 1 | 1 | 3 | 3 | 9 | 0 |
| | 2030 | 234 | 995.6 | 969.9 | .. | 30.3 | 26.2 | 24.5 | 30.7 | 72 | .. | 3.1 | .. | 5.0 | 0 | 1 | 20 | 01 | 1 | 9 | 6 | 1 | 1 | 1 | 1 | 10 | 0 |
| Adampur (Aerodrome) | 0830 | 238 | 997.9 | 970.5 | .. | 29.1 | 25.4 | 23.7 | 29.3 | 74 | .. | 4.0 | .. | 9.0 | 0 | 2 | 20 | 02 | 0 | 3 | 10 | 3 | 1 | 2 | 1 | 9 | 0 |
| | 1730 | 238 | 995.7 | 968.4 | .. | 31.9 | 26.1 | 23.4 | 28.8 | 63 | .. | 3.6 | .. | 11.9 | 0 | 4 | 23 | 05 | 1 | 3 | 1 | 3 | 0 | 6 | 8 | 4 | 0 |
| Ludhiana | 0830 | 247 | 999.4 | 972.2 | +1.0 | 30.1 | 25.5 | 23.4 | 28.8 | 69 | - 5 | 3.7 | -0.8 | 2.6 | 0 | 0 | 22 | 01 | 4 | 4 | 5 | 2 | 1 | 1 | 4 | 9 | 0 |
| | 1730 | 247 | 994.9 | 968.2 | +0.0 | 34.3 | 26.1 | 22.3 | 26.9 | 53 | - 7 | 3.2 | -0.8 | 2.1 | 0 | 0 | 25 | 02 | 9 | 2 | 4 | 1 | 1 | 0 | 6 | 6 | 0 |
| Ferozepur | 0830 | 200 | 998.3 | 976.2 | +0.5 | 29.7 | 25.3 | 23.4 | 28.8 | 69 | - 4 | 2.9 | -0.1 | 2.3 | 0 | 0 | 24 | 06 | 1 | 2 | 3 | 3 | 3 | 1 | 5 | 7 | 0 |
| | 1730 | 200 | 995.6 | 974.1 | +1.3 | 33.9 | 26.6 | 23.3 | 28.6 | 57 | + 1 | 2.3 | -0.6 | 3.4 | 0 | 1 | 23 | 10 | 5 | 2 | 4 | 0 | 0 | 0 | 3 | 7 | 0 |
| Halwara (Aerodrome) | 0830 | 202 | 998.1 | 971.5 | .. | 30.2 | 25.1 | 22.7 | 27.6 | 66 | .. | 4.0 | .. | 14.2 | 0 | 6 | 23 | 02 | 0 | 4 | 8 | 5 | 4 | 3 | 3 | 2 | 0 |
| | 1730 | 202 | 994.8 | 968.7 | .. | 34.6 | 25.7 | 21.3 | 25.3 | 49 | .. | 3.7 | .. | 15.1 | 0 | 4 | 26 | 07 | 2 | 2 | 8 | 1 | 1 | 1 | 8 | 1 | 0 |
| Chandigarh | 0830 | 347 | 997.9 | 959.5 | -0.7 | 28.6 | 24.4 | 22.4 | 27.1 | 70 | - 7 | 3.5 | -0.9 | 1.4 | 0 | 0 | 14 | 00 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 1730 | 347 | 994.9 | 957.2 | -0.5 | 33.1 | 25.1 | 20.9 | 24.7 | 52 | -12 | 3.2 | +0.6 | 2.6 | 0 | 0 | 18 | 00 | 0 | 0 | 7 | 0 | 3 | 0 | 8 | 13 | 0 |
| Ambala | 0830 | 272 | 997.4 | 967.5 | -0.8 | 29.1 | 24.9 | 22.9 | 27.9 | 71 | - 7 | 3.4 | -1.1 | 0.9 | 0 | 0 | 9 | 00 | 0 | 0 | 6 | 0 | 1 | 0 | 2 | 22 | 0 |
| | 1730 | 272 | 995.3 | 965.8 | +0.5 | 33.8 | 26.1 | 22.7 | 27.6 | 56 | - 7 | 2.5 | -1.3 | 3.1 | 0 | 0 | 25 | 01 | 4 | 0 | 12 | 0 | 2 | 0 | 6 | 6 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 997.0 | 966.1 | .. | 28.9 | 24.9 | 23.3 | 28.6 | 73 | .. | 3.2 | .. | 4.2 | 0 | 0 | 17 | 00 | 3 | 3 | 9 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 0530 | 278 | 996.9 | 966.2 | .. | 27.8 | 24.6 | 23.3 | 28.6 | 78 | .. | 4.0 | .. | 6.7 | 0 | 1 | 19 | 00 | 1 | 3 | 13 | 0 | 0 | 1 | 2 | 11 | 0 |
| | 1130 | 278 | 998.3 | 967.9 | .. | 32.4 | 25.9 | 28.3 | 28.6 | 61 | .. | 4.5 | .. | 6.4 | 0 | 2 | 15 | 01 | 1 | 1 | 11 | 1 | 0 | 0 | 2 | 14 | 0 |
| | 1430 | 278 | 996.3 | 966.2 | .. | 33.9 | 25.7 | 22.6 | 27.4 | 54 | .. | 4.4 | .. | 7.8 | 0 | 1 | 26 | 03 | 3 | 2 | 11 | 2 | 0 | 1 | 5 | 4 | 0 |
| | 2030 | 278 | 995.5 | 965.2 | .. | 32.0 | 25.8 | 23.1 | 28.3 | 61 | .. | 2.8 | .. | 4.8 | 0 | 1 | 16 | 00 | 1 | 0 | 8 | 0 | 1 | 1 | 6 | 14 | 0 |
| | 2330 | 278 | 996.7 | 966.3 | .. | 30.4 | 25.3 | 23.3 | 28.6 | 67 | .. | 2.4 | .. | 4.8 | 0 | 0 | 16 | 03 | 0 | 0 | 9 | 0 | 0 | 0 | 4 | 15 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 997.0 | 966.6 | .. | 26.5 | 24.4 | 23.3 | 28.6 | 83 | .. | 4.2 | .. | 7.6 | 0 | 2 | 18 | 00 | 2 | 8 | 3 | 3 | 1 | 1 | 2 | 11 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| PUNJAB (INCLUDING DELHI) (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome) (contd.) | 0830 | 274 | 998.1 | 967.9 | .. | 29.0 | 25.3 | 23.5 | 28.9 | 74 | .. | 4.3 | .. | 13.2 | 0 | 9 | 19 | 00 | 1 | 14 | 3 | 4 | 2 | 1 | 2 | 3 | 1 |
| | 1130 | 274 | 998.0 | 968.2 | .. | 32.2 | 26.1 | 23.2 | 28.4 | 63 | .. | 4.3 | .. | 13.3 | 0 | 6 | 24 | 01 | 5 | 11 | 4 | 1 | 0 | 3 | 5 | 1 | 0 |
| | 1730 | 274 | 994.9 | 965.1 | .. | 33.6 | 26.4 | 22.7 | 27.6 | 58 | .. | 3.6 | .. | 17.3 | 0 | 9 | 20 | 02 | 4 | 5 | 5 | 1 | 0 | 5 | 7 | 2 | 0 |
| | 2330 | 274 | 996.7 | 966.5 | .. | 28.7 | 25.1 | 23.6 | 29.1 | 75 | .. | 2.8 | .. | 7.1 | 0 | 2 | 16 | 00 | 1 | 7 | 1 | 1 | 0 | 3 | 5 | 13 | 0 |
| Patiala | 0830 | 251 | 998.4 | 970.9 | +0.0 | 30.3 | 25.9 | 24.2 | 30.2 | 70 | - 7 | 3.7 | -1.0 | 5.5 | 0 | 1 | 15 | 00 | 0 | 0 | 13 | 1 | 0 | 0 | 2 | 15 | 0 |
| | 1730 | 251 | 995.0 | 968.0 | -0.1 | 34.4 | 26.5 | 22.8 | 27.7 | 55 | - 5 | 3.0 | -1.8 | 9.7 | 0 | 1 | 23 | 01 | 0 | 0 | 10 | 0 | 0 | 0 | 13 | 7 | 0 |
| Bhatinda | 0830 | 211 | 997.6 | 974.4 | .. | 31.9 | 25.9 | 23.1 | 28.2 | 61 | -11 | 1.6 | -1.1 | 4.5 | 0 | 1 | 25 | 01 | 4 | 0 | 9 | 0 | 2 | 1 | 9 | 5 | 0 |
| | 1730 | 211 | 994.1 | 971.4 | .. | 37.0 | 27.2 | 22.6 | 27.4 | 46 | -13 | 1.0 | -1.8 | 7.1 | 0 | 1 | 29 | 00 | 2 | 1 | 8 | 0 | 2 | 0 | 17 | 1 | 0 |
| Karnal | 0830 | 249 | 998.6 | 971.6 | +0.6 | 30.3 | 25.2 | 23.1 | 28.3 | 66 | -13 | 3.3 | -1.6 | 3.4 | 0 | 0 | 27 | 00 | 1 | 0 | 16 | 0 | 0 | 0 | 10 | 4 | 0 |
| | 1730 | 249 | 994.9 | 967.9 | -0.6 | 34.8 | 25.4 | 20.7 | 24.4 | 49 | -13 | 3.2 | -1.6 | 2.1 | 0 | 0 | 24 | 00 | 1 | 5 | 5 | 0 | 2 | 0 | 11 | 7 | 0 |
| Hissar | 0530 | 221 | 996.8 | 972.3 | .. | 28.7 | 25.9 | 24.9 | 31.5 | 82 | .. | 3.4 | .. | 5.8 | 0 | 0 | 28 | 02 | 0 | 8 | 5 | 1 | 11 | 1 | 0 | 3 | 0 |
| | 0830 | 221 | 998.2 | 973.0 | +0.1 | 30.3 | 27.0 | 25.6 | 32.8 | 77 | + 6 | 2.8 | -0.1 | 5.9 | 0 | 0 | 28 | 03 | 1 | 3 | 3 | 2 | 8 | 6 | 2 | 3 | 0 |
| | 1130 | 221 | 998.1 | 974.1 | .. | 34.7 | 28.8 | 26.6 | 34.8 | 64 | .. | 3.2 | .. | 9.6 | 0 | 5 | 21 | 02 | 2 | 2 | 4 | 0 | 3 | 9 | 4 | 5 | 0 |
| | 1430 | 221 | 996.1 | 972.3 | .. | 36.2 | 29.7 | 27.2 | 36.0 | 59 | .. | 4.2 | .. | 8.2 | 0 | 1 | 25 | 01 | 2 | 3 | 5 | 0 | 3 | 7 | 5 | 5 | 0 |
| | 1730 | 221 | 994.5 | 970.8 | +0.0 | 36.1 | 29.1 | 26.5 | 34.6 | 59 | + 3 | 3.6 | +0.3 | 6.7 | 0 | 1 | 29 | 04 | 1 | 4 | 5 | 2 | 5 | 4 | 5 | 1 | 0 |
| | 2330 | 221 | 996.8 | 972.5 | .. | 30.4 | 26.7 | 25.1 | 31.8 | 74 | .. | 1.7 | .. | 5.4 | 0 | 0 | 22 | 00 | 1 | 3 | 7 | 1 | 9 | 0 | 1 | 9 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 997.3 | 973.5 | .. | 29.7 | 24.9 | 22.5 | 27.3 | 67 | .. | 3.1 | .. | 7.8 | 0 | 1 | 25 | 00 | 1 | 5 | 5 | 3 | 3 | 8 | 1 | 5 | 0 |
| | 0530 | 216 | 997.4 | 973.4 | .. | 28.5 | 24.6 | 22.7 | 27.6 | 73 | .. | 3.9 | .. | 7.0 | 0 | 1 | 22 | 00 | 1 | 5 | 2 | 2 | 3 | 6 | 4 | 8 | 0 |
| | 0830 | 216 | 998.5 | 974.7 | +0.4 | 30.2 | 25.3 | 22.9 | 27.9 | 67 | - 6 | 4.0 | -1.2 | 12.5 | 0 | 6 | 24 | 00 | 0 | 4 | 7 | 1 | 2 | 11 | 5 | 1 | 0 |
| | 1130 | 216 | 998.6 | 975.0 | .. | 33.2 | 25.9 | 22.4 | 27.1 | 56 | .. | 4.4 | .. | 12.8 | 0 | 8 | 21 | 01 | 2 | 4 | 3 | 1 | 0 | 6 | 12 | 2 | 0 |
| | 1430 | 216 | 996.7 | 973.4 | .. | 35.6 | 26.5 | 22.1 | 26.6 | 49 | .. | 4.2 | .. | 11.7 | 0 | 4 | 25 | 02 | 2 | 6 | 3 | 0 | 0 | 4 | 12 | 2 | 0 |
| | 1730 | 216 | 995.3 | 972.0 | +0.9 | 35.3 | 26.1 | 21.5 | 25.6 | 49 | -11 | 3.8 | -1.5 | 8.3 | 0 | 1 | 27 | 06 | 1 | 5 | 3 | 1 | 1 | 2 | 9 | 3 | 0 |
| | 2030 | 216 | 996.0 | 972.5 | .. | 32.4 | 25.7 | 22.4 | 27.1 | 59 | .. | 3.6 | .. | 5.7 | 0 | 0 | 21 | 01 | 3 | 3 | 5 | 2 | 0 | 2 | 5 | 10 | 0 |
| | 2330 | 216 | 997.5 | 973.7 | .. | 30.5 | 25.3 | 22.8 | 27.7 | 66 | .. | 3.1 | .. | 5.1 | 0 | 0 | 20 | 00 | 1 | 4 | 6 | 6 | 1 | 1 | 1 | 11 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 997.0 | 971.3 | .. | 28.7 | 24.9 | 23.0 | 28.1 | 73 | .. | 3.1 | .. | 7.4 | 0 | 0 | 25 | 00 | 0 | 3 | 5 | 5 | 6 | 5 | 1 | 6 | 0 |
| | 0530 | 233 | 997.2 | 971.3 | .. | 27.8 | 24.6 | 23.0 | 28.1 | 76 | .. | 3.9 | .. | 8.0 | 0 | 2 | 23 | 02 | 0 | 3 | 7 | 1 | 6 | 3 | 3 | 6 | 0 |
| | 0830 | 233 | 998.3 | 972.7 | .. | 30.3 | 25.2 | 23.1 | 28.3 | 67 | .. | 4.2 | .. | 12.9 | 0 | 0 | 28 | 01 | 0 | 3 | 6 | 2 | 1 | 6 | 9 | 3 | 0 |
| | 1130 | 233 | 998.4 | 973.2 | .. | 33.6 | 26.0 | 22.2 | 26.7 | 55 | .. | 4.1 | .. | 15.0 | 0 | 8 | 22 | 04 | 1 | 4 | 5 | 1 | 0 | 3 | 12 | 1 | 0 |
| | 1430 | 233 | 996.3 | 971.2 | .. | 36.0 | 26.1 | 21.5 | 25.8 | 47 | .. | 4.3 | .. | 12.5 | 0 | 4 | 24 | 05 | 0 | 5 | 4 | 0 | 0 | 3 | 11 | 3 | 0 |
| | 1730 | 233 | 994.8 | 969.5 | .. | 35.4 | 26.0 | 21.4 | 25.5 | 49 | .. | 3.7 | .. | 11.1 | 0 | 3 | 25 | 02 | 2 | 3 | 4 | 5 | 1 | 3 | 8 | 3 | 0 |
| | 2030 | 233 | 995.7 | 970.4 | .. | 32.3 | 25.7 | 22.5 | 27.2 | 60 | .. | 4.0 | .. | 6.7 | 0 | 1 | 20 | 02 | 1 | 4 | 7 | 1 | 0 | 4 | 2 | 10 | 0 |
| | 2330 | 233 | 997.2 | 971.6 | .. | 29.7 | 25.1 | 22.9 | 27.9 | 69 | .. | 3.0 | .. | 6.0 | 0 | 0 | 22 | 00 | 0 | 1 | 12 | 2 | 5 | 1 | 1 | 9 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 998.8 | 916.6 | +0.0 | 24.4 | 21.6 | 20.1 | 23.5 | 79 | - 9 | 4.8 | -1.4 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 995.1 | 914.0 | +0.2 | 28.1 | 23.3 | 20.9 | 24.7 | 67 | - 6 | 4.1 | -1.5 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Bilaspur | 0830 | 587 | 998.2 | 934.4 | -1.1 | 26.2 | 23.8 | 22.7 | 27.6 | 83 | - 1 | 2.1 | -4.0 | 0.2 | 0 | 0 | 3 | 00 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 28 | 0 |
| | 1730 | 587 | 995.7 | 932.9 | +0.3 | 30.6 | 24.3 | 21.4 | 25.5 | 60 | - 8 | 3.2 | -2.5 | 1.3 | 0 | 0 | 15 | 00 | 0 | 1 | 1 | 3 | 5 | 4 | 1 | 16 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3063.1 | 663.4 | .. | 10.1 | 4.6 | - 1.3 | 5.5 | 47 | .. | 3.4 | .. | 5.2 | 0 | 0 | 24 | 02 | 18 | 0 | 3 | 0 | 1 | 0 | 0 | 7 | 0 |
| | 0830 | 3514 | 3057.9 | 663.9 | -0.7 | 16.8 | 8.6 | 0.7 | 6.4 | 37 | -12 | 3.0 | +0.1 | 1.2 | 0 | 0 | 12 | 01 | 2 | 1 | 3 | 1 | 4 | 0 | 0 | 19 | 0 |
| | 1730 | 3514 | 3042.8 | 663.4 | +1.8 | 21.5 | 11.8 | 4.5 | 8.4 | 35 | + 1 | 3.7 | +0.0 | 5.5 | 0 | 0 | 30 | 00 | 1 | 0 | 1 | 0 | 27 | 0 | 1 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1434.4 | 835.4 | +1.0 | 21.3 | 18.0 | 16.3 | 18.5 | 71 | - 2 | 4.4 | +0.4 | 1.6 | 0 | 0 | 18 | 04 | 0 | 0 | 6 | 2 | 0 | 3 | 3 | 13 | 0 |
| | 1130 | 1587 | 1429.9 | 835.0 | .. | 24.9 | 19.2 | 16.3 | 18.5 | 59 | .. | 3.5 | .. | 2.1 | 0 | 0 | 22 | 09 | 1 | 1 | 2 | 5 | 0 | 2 | 2 | 9 | 0 |
| | 1430 | 1587 | 1413.4 | 833.7 | .. | 27.3 | 19.7 | 15.9 | 18.1 | 50 | .. | 3.0 | .. | 3.4 | 0 | 0 | 26 | 01 | 0 | 2 | 1 | 8 | 0 | 5 | 9 | 5 | 0 |
| | 1730 | 1587 | 1397.7 | 832.2 | +0.9 | 27.1 | 19.2 | 15.1 | 17.1 | 49 | + 0 | 3.6 | +0.0 | 2.8 | 0 | 0 | 21 | 02 | 0 | 3 | 0 | 4 | 0 | 4 | 8 | 10 | 0 |
| | 2030 | 1587 | 1413.6 | 833.4 | .. | 23.0 | 18.3 | 15.9 | 18.1 | 66 | .. | 3.8 | .. | 3.2 | 0 | 0 | 19 | 06 | 0 | 0 | 3 | 7 | 0 | 2 | 1 | 12 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1425.3 | 826.9 | .. | 17.7 | 15.8 | 14.7 | 16.7 | 83 | .. | 5.0 | .. | 2.0 | 0 | 0 | 12 | 01 | 0 | 0 | 1 | 4 | 1 | 2 | 3 | 19 | 0 |
| | 0830 | 1666 | 1430.9 | 827.7 | .. | 20.9 | 17.8 | 16.2 | 18.4 | 75 | .. | 4.9 | .. | 4.0 | 0 | 0 | 18 | 02 | 2 | 7 | 1 | 3 | 0 | 2 | 1 | 13 | 0 |
| | 1130 | 1666 | 1429.9 | 827.7 | .. | 24.0 | 18.8 | 16.1 | 18.3 | 62 | .. | 4.9 | .. | 7.3 | 0 | 0 | 26 | 08 | 3 | 6 | 1 | 5 | 1 | 0 | 2 | 5 | 0 |
| | 1730 | 1666 | 1399.2 | 825.1 | .. | 26.5 | 18.8 | 14.5 | 16.5 | 51 | .. | 4.1 | .. | 9.9 | 0 | 2 | 26 | 04 | 3 | 2 | 3 | 8 | 3 | 2 | 3 | 3 | 0 |
| | 2330 | 1666 | 1420.4 | 826.6 | .. | 20.4 | 17.1 | 15.3 | 17.4 | 74 | .. | 3.4 | .. | 5.7 | 0 | 0 | 21 | 01 | 1 | 3 | 1 | 4 | 3 | 2 | 6 | 10 | 0 |
| Gulmarg | 0830 | 2655 | 083.5 | 736.5 | -0.2 | 15.8 | 13.1 | 11.3 | 13.4 | 76 | + 1 | 4.4 | +0.3 | 2.0 | 0 | 0 | 15 | 02 | 3 | 9 | 0 | 0 | 0 | 0 | 1 | 16 | 0 |
| | 1730 | 2655 | 3071.3 | 735.2 | .. | 17.9 | 14.7 | 12.7 | 14.7 | 72 | .. | 3.9 | .. | 3.4 | 0 | 0 | 23 | 03 | 8 | 5 | 5 | 0 | 0 | 2 | 0 | 8 | 0 |
| Qazigund | 0830 | 1690 | .. | .. | .. | 20.0 | 16.9 | 15.1 | 17.1 | 74 | .. | 4.7 | .. | 1.2 | 0 | 0 | 14 | 00 | 0 | 2 | 4 | 1 | 1 | 5 | 1 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund (contd.) | 1730 | 1690 | .. | .. | .. | 25.5 | 18.8 | 15.4 | 17.7 | 56 | .. | 4.2 | .. | 5.2 | 0 | 2 | 21 | 01 | 2 | 0 | 2 | 2 | 7 | 6 | 3 | 8 | 0 |
| Banihal | 0830 | | .. | .. | .. | 19.9 | 17.2 | 15.6 | 17.7 | 80 | .. | 4.8 | .. | 3.2 | 0 | 1 | 10 | 03 | 0 | 0 | 0 | 5 | 1 | 0 | 2 | 20 | 0 |
| | 1730 | | .. | .. | .. | 25.3 | 19.2 | 15.6 | 17.7 | 56 | .. | 4.7 | .. | 9.8 | 0 | 1 | 26 | 00 | 0 | 0 | 0 | 18 | 7 | 0 | 2 | 4 | 0 |
| Jammu | 0830 | 366 | 997.9 | 957.7 | .. | 28.3 | 24.8 | 23.4 | 28.8 | 75 | + 4 | 4.9 | +0.0 | 6.2 | 0 | 0 | 30 | 03 | 20 | 0 | 4 | 1 | 0 | 0 | 2 | 1 | 0 |
| | 1730 | 366 | 990.8 | 951.5 | .. | 33.2 | 27.1 | 24.3 | 30.4 | 62 | .. | 3.6 | .. | 7.0 | 0 | 0 | 14 | 02 | 4 | 0 | 4 | 2 | 1 | 0 | 1 | 17 | 0 |
| Jammu (Aerodrome) | 0530 | 343 | 997.1 | 964.7 | .. | 26.8 | 23.2 | 21.2 | 25.2 | 74 | .. | 4.4 | .. | 6.6 | 0 | 2 | 14 | 02 | 8 | 3 | 1 | 1 | 1 | 0 | 0 | 15 | 0 |
| | 0830 | 343 | 998.1 | 965.8 | .. | 28.9 | 24.3 | 22.0 | 26.4 | 68 | .. | 5.1 | .. | 7.7 | 0 | 2 | 20 | 01 | 4 | 3 | 3 | 7 | 0 | 3 | 1 | 9 | 0 |
| | 1130 | 343 | 998.5 | 966.4 | .. | 31.1 | 24.6 | 21.2 | 25.1 | 59 | .. | 4.6 | .. | 12.0 | 0 | 3 | 21 | 02 | 3 | 0 | 5 | 8 | 4 | 0 | 2 | 7 | 0 |
| | 1730 | 343 | 995.3 | 963.3 | .. | 33.8 | 25.2 | 20.7 | 24.4 | 50 | .. | 3.6 | .. | 8.8 | 0 | 2 | 23 | 02 | 2 | 1 | 5 | 7 | 4 | 3 | 1 | 6 | 0 |
| | 2330 | 343 | 996.7 | 964.3 | .. | 28.7 | 24.1 | 21.7 | 25.9 | 68 | .. | 2.8 | .. | 6.0 | 0 | 2 | 9 | 03 | 2 | 0 | 2 | 1 | 0 | 1 | 1 | 20 | 1 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 996.3 | 976.7 | .. | 29.1 | 24.1 | 21.6 | 25.8 | 66 | .. | 2.0 | .. | 1.7 | 0 | 1 | 6 | 00 | 1 | 1 | 2 | 1 | 2 | 0 | 0 | 24 | 0 |
| | 0830 | 177 | 997.5 | 978.0 | +0.4 | 30.9 | 25.1 | 22.4 | 27.1 | 62 | - 2 | 2.1 | +0.1 | 5.7 | 0 | 2 | 25 | 00 | 1 | 2 | 8 | 1 | 11 | 2 | 2 | 4 | 0 |
| | 1130 | 177 | 997.3 | 978.2 | .. | 35.8 | 26.0 | 21.4 | 25.5 | 45 | .. | 3.0 | .. | 4.4 | 0 | 1 | 18 | 01 | 2 | 2 | 5 | 1 | 7 | 0 | 1 | 12 | 0 |
| | 1730 | 177 | 994.2 | 975.0 | -0.3 | 37.0 | 26.1 | 20.9 | 24.7 | 42 | - 5 | 3.3 | +0.6 | 3.5 | 0 | 0 | 21 | 01 | 2 | 2 | 2 | 0 | 9 | 3 | 2 | 10 | 0 |
| | 2330 | 177 | 996.1 | 976.5 | .. | 31.8 | 25.2 | 22.3 | 26.9 | 61 | .. | 1.0 | .. | 2.0 | 0 | 2 | 3 | 00 | 1 | 0 | 3 | 0 | 1 | 0 | 0 | 26 | 0 |
| Anupgarh | 0830 | 154 | 1002.8 | 980.5 | .. | 31.2 | 25.1 | 22.2 | 26.7 | 60 | .. | 1.0 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 154 | 1000.4 | 978.1 | .. | 38.7 | 25.6 | 18.6 | 21.4 | 33 | .. | 1.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 0830 | 187 | 996.3 | 975.6 | .. | 31.8 | 27.9 | 26.5 | 34.6 | 74 | .. | 1.1 | .. | 8.0 | 0 | 2 | 29 | 00 | 0 | 2 | 1 | 10 | 15 | 2 | 1 | 0 | 0 |
| | 1730 | 187 | 992.7 | 972.3 | .. | 37.0 | 27.8 | 24.0 | 29.8 | 47 | .. | 1.1 | .. | 9.6 | 00 | 1 | 27 | 01 | 5 | 3 | 0 | 4 | 6 | 7 | 2 | 0 | 0 |
| Churu | 0830 | 291 | 994.3 | 962.8 | -3.8 | 30.3 | 25.9 | 24.0 | 29.8 | 70 | - 6 | 3.1 | -1.6 | 16.6 | 0 | 11 | 19 | 02 | 0 | 3 | 0 | 2 | 4 | 18 | 1 | 1 | 0 |
| | 1730 | 291 | 990.8 | 959.6 | -4.1 | 36.0 | 27.2 | 23.2 | 28.4 | 50 | - 7 | 4.1 | -1.4 | 14.2 | 0 | 7 | 23 | 06 | 1 | 5 | 0 | 1 | 3 | 12 | 2 | 1 | 0 |
| Bikaner | 0830 | 224 | 998.6 | 973.9 | +0.7 | 30.6 | 24.9 | 22.5 | 27.2 | 62 | - 5 | 2.4 | +0.1 | 12.2 | 0 | 8 | 23 | 00 | 0 | 0 | 2 | 6 | 18 | 4 | 1 | 0 | 0 |
| | 1730 | 224 | 994.6 | 970.6 | +0.6 | 38.0 | 25.5 | 18.8 | 21.7 | 35 | -13 | 3.0 | +0.1 | 8.9 | 0 | 4 | 24 | 01 | 1 | 1 | 3 | 2 | 15 | 3 | 2 | 3 | 0 |
| Bikaner P.B.O. | 0530 | | 997.2 | 972.5 | .. | 29.4 | 24.2 | 21.5 | 25.6 | 64 | .. | 2.6 | .. | 0.6 | 0 | 0 | 29 | 01 | 1 | 1 | 2 | 5 | 15 | 2 | 2 | 2 | 0 |
| | 1130 | | 997.6 | 973.7 | .. | 35.5 | 25.7 | 20.8 | 24.6 | 44 | .. | 2.8 | .. | 0.9 | 0 | 0 | 30 | 00 | 1 | 1 | 0 | 7 | 14 | 6 | 1 | 1 | 0 |
| | 2030 | | 995.6 | 971.4 | .. | 34.3 | 24.7 | 19.6 | 22.8 | 45 | .. | 4.1 | .. | 7.3 | 0 | 0 | 30 | 00 | 3 | 1 | 2 | 8 | 9 | 1 | 6 | 1 | 0 |
| | 2330 | | 996.6 | 972.2 | .. | 32.5 | 24.5 | 20.3 | 23.8 | 52 | .. | 2.7 | .. | 0.7 | 0 | 0 | 29 | 00 | 2 | 1 | 4 | 12 | 8 | 1 | 1 | 2 | 0 |
| Nagaur | 0830 | 298 | 999.0 | 966.3 | +1.7 | 30.3 | 25.3 | 22.9 | 27.9 | 66 | - 5 | 4.0 | -1.0 | 10.1 | 0 | 2 | 29 | 02 | 0 | 1 | 0 | 10 | 14 | 4 | 0 | 0 | 0 |
| | 1730 | 298 | 994.3 | 962.4 | +0.5 | 36.3 | 27.7 | 24.0 | 29.8 | 50 | - 2 | 5.0 | -0.4 | 8.8 | 0 | 0 | 31 | 02 | 1 | 2 | 2 | 8 | 9 | 5 | 2 | 0 | 0 |
| Phalodi | 0830 | 234 | 999.0 | 973.2 | +0.2 | 29.6 | 25.6 | 23.8 | 29.5 | 72 | - 4 | 2.8 | -1.7 | 13.4 | 0 | 4 | 26 | 01 | 1 | 1 | 0 | 6 | 15 | 6 | 0 | 1 | 0 |
| | 1730 | 234 | 995.8 | 970.8 | +0.5 | 37.1 | 27.2 | 22.7 | 27.6 | 46 | - 5 | 2.9 | -1.4 | 16.8 | 0 | 9 | 22 | 01 | 2 | 1 | 3 | 6 | 14 | 3 | 1 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 997.8 | 971.1 | -0.2 | 28.4 | 14.7 | - 1.7 | 5.3 | 14 | -62 | 3.7 | +0.5 | 14.0 | 0 | 7 | 24 | 01 | 1 | 0 | 0 | 17 | 12 | 0 | 0 | 0 | 0 |
| | 1730 | 242 | 993.7 | 967.8 | -0.1 | 37.2 | 17.1 | -11.8 | 2.2 | 5 | -46 | 3.9 | +0.5 | 12.5 | 0 | 4 | 27 | 02 | 1 | 0 | 1 | 16 | 11 | 0 | 0 | 0 | 0 |
| Jodhpur | 0230 | 224 | 998.3 | 973.5 | .. | 29.2 | 24.7 | 22.4 | 27.1 | 68 | .. | 3.6 | .. | 14.6 | 0 | 7 | 23 | 00 | 2 | 0 | 2 | 1 | 17 | 8 | 0 | 1 | 0 |
| | 0530 | 224 | 998.6 | 973.7 | .. | 27.3 | 24.3 | 22.5 | 27.2 | 75 | .. | 4.8 | .. | 14.7 | 0 | 5 | 26 | 00 | 1 | 1 | 0 | 3 | 13 | 11 | 2 | 0 | 0 |
| | 0830 | 224 | 999.9 | 975.0 | +0.6 | 28.6 | 24.8 | 23.1 | 28.3 | 73 | - 2 | 5.0 | -0.7 | 25.1 | 0 | 6 | 25 | 00 | 1 | 1 | 0 | 3 | 13 | 9 | 4 | 0 | 0 |
| | 1130 | 224 | 999.7 | 975.1 | .. | 32.6 | 25.5 | 22.2 | 26.7 | 54 | .. | 5.0 | .. | 17.1 | 0 | 8 | 23 | 00 | 1 | 2 | 0 | 1 | 17 | 6 | 3 | 0 | 1 |
| | 1430 | 224 | 997.7 | 973.4 | .. | 35.0 | 26.3 | 22.0 | 26.4 | 48 | .. | 4.5 | .. | 18.7 | 0 | 11 | 20 | 01 | 1 | 2 | 0 | 2 | 18 | 4 | 1 | 0 | 2 |
| | 1730 | 224 | 995.7 | 971.2 | +0.1 | 35.8 | 26.1 | 21.6 | 25.8 | 46 | - 8 | 4.6 | -0.7 | 16.5 | 0 | 8 | 23 | 00 | 2 | 1 | 2 | 8 | 17 | 6 | 0 | 0 | 1 |
| | 2030 | 224 | 996.9 | 972.5 | .. | 33.4 | 25.2 | 21.1 | 25.0 | 51 | .. | 4.4 | .. | 15.2 | 0 | 6 | 24 | 00 | 2 | 1 | 1 | 4 | 16 | 6 | 0 | 1 | 0 |
| | 2330 | 224 | 998.4 | 973.7 | .. | 30.8 | 24.9 | 21.9 | 26.3 | 61 | .. | 4.3 | .. | 15.3 | 0 | 9 | 21 | 00 | 2 | 0 | 0 | 3 | 19 | 6 | 0 | 1 | 0 |
| Barmer | 0530 | 194 | 997.5 | 975.9 | .. | 27.2 | 23.7 | 21.9 | 26.3 | 73 | .. | 4.1 | .. | 8.2 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 6 | 13 | 5 | 4 | 2 | 0 |
| | 0830 | 194 | 998.4 | 977.0 | -0.2 | 29.0 | 24.8 | 22.9 | 27.9 | 70 | - 7 | 5.0 | -0.5 | 7.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 2 | 18 | 8 | 2 | 1 | 0 |
| | 1130 | 194 | 998.4 | 977.1 | .. | 33.3 | 26.2 | 23.0 | 28.1 | 56 | .. | 4.8 | .. | 7.8 | 0 | 1 | 29 | 00 | 2 | 1 | 3 | 5 | 14 | 4 | 1 | 1 | 0 |
| | 1730 | 194 | 994.6 | 973.7 | -0.3 | 36.4 | 26.9 | 22.7 | 27.6 | 47 | - 5 | 4.3 | -0.1 | 10.2 | 0 | 3 | 28 | 00 | 1 | 2 | 0 | 9 | 16 | 1 | 2 | 0 | 0 |
| | 2330 | 194 | 997.4 | 976.1 | .. | 31.4 | 25.2 | 22.2 | 26.7 | 59 | .. | 2.7 | .. | 10.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 4 | 21 | 4 | 1 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 999.7 | 967.1 | -0.3 | 28.3 | 24.9 | 23.2 | 28.4 | 75 | - 5 | 4.8 | -1.3 | 4.5 | 0 | 0 | 26 | 01 | 0 | 0 | 0 | 7 | 14 | 4 | 0 | 5 | 0 |
| | 1730 | 295 | 995.5 | 963.3 | -1.4 | 33.4 | 26.4 | 23.5 | 28.9 | 60 | - 6 | 4.6 | -1.3 | 8.0 | 0 | 0 | 28 | 00 | 1 | 0 | 4 | 9 | 1. | 2 | 1 | 3 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 998.9 | 966.0 | +0.3 | 30.1 | 25.9 | 23.9 | 29.6 | 71 | + 6 | 2.7 | -0.3 | 20.0 | 0 | 16 | 15 | 01 | 0 | 1 | 3 | 0 | 8 | 15 | 3 | 0 | 0 |
| | 1730 | 301 | 995.0 | 963.1 | +0.4 | 35.7 | 26.9 | 22.8 | 27.7 | 52 | + 1 | 3.7 | -0.4 | 14.0 | 0 | 8 | 23 | 02 | 1 | 4 | 5 | 1 | 7 | 7 | 4 | 0 | 0 |
| Sikar | 0830 | 433 | 998.6 | 951.4 | -0.3 | 29.0 | 23.9 | 21.7 | 25.9 | 65 | -11 | 1.8 | -2.8 | 8.2 | 0 | 3 | 21 | 00 | 0 | 0 | 1 | 1 | 0 | 18 | 4 | 7 | 0 |
| | 1730 | 433 | 994.7 | 948.7 | -0.1 | 35.4 | 25.1 | 19.3 | 22.4 | 45 | -12 | 2.1 | -3.5 | 13.4 | 0 | 4 | 22 | 00 | 3 | 1 | 0 | 0 | 0 | 13 | 9 | 5 | 0 |
| Alwar | 0830 | 271 | 997.8 | 968.0 | -0.3 | 31.4 | 26.0 | 23.6 | 29.1 | 67 | -12 | 4.4 | -1.2 | 2.4 | 0 | 0 | 23 | 04 | 4 | 3 | 1 | 0 | 3 | 6 | 2 | 8 | 0 |
| | 1730 | 271 | 994.6 | 965.4 | -0.5 | 35.6 | 26.5 | 22.0 | 26.4 | 50 | -18 | 5.4 | -0.4 | 1.5 | 0 | 0 | 19 | 02 | 1 | 3 | 2 | 0 | 3 | 5 | 3 | 12 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 997.1 | 954.4 | .. | 28.1 | 23.9 | 21.8 | 26.1 | 71 | .. | 4.0 | .. | 3.4 | 0 | 0 | 19 | 01 | 0 | 3 | 1 | 0 | 2 | 6 | 6 | 12 | 0 |
| | 0530 | 390 | 997.4 | 954.5 | .. | 27.3 | 23.7 | 21.8 | 26.1 | 74 | .. | 4.6 | .. | 3.3 | 0 | 0 | 18 | 02 | 0 | 1 | 1 | 0 | 1 | 3 | 10 | 13 | 0 |
| | 0830 | 390 | 998.4 | 955.8 | -0.4 | 30.1 | 24.6 | 21.9 | 26.3 | 64 | -11 | 3.8 | -1.3 | 11.3 | 0 | 4 | 25 | 02 | 1 | 1 | 1 | 0 | 1 | 9 | 14 | 2 | 0 |
| | 1130 | 390 | 997.9 | 955.9 | .. | 33.6 | 25.3 | 21.2 | 25.2 | 51 | .. | 4.5 | .. | 12.6 | 0 | 4 | 26 | 04 | 1 | 2 | 2 | 0 | 0 | 7 | 13 | 1 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in dpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) (contd.) | 1430 | 390 | 995.8 | 954.0 | .. | 34.8 | 25.3 | 20.5 | 24.1 | 48 | .. | 5.1 | .. | 1.0 | 0 | 4 | 25 | 02 | 2 | 2 | 1 | 1 | 0 | 10 | 11 | 2 | 0 |
| | 1730 | 390 | 994.3 | 952.6 | -0.8 | 34.1 | 25.0 | 20.5 | 24.1 | 49 | -13 | 5.3 | -0.6 | 8.5 | 0 | 2 | 27 | 04 | 1 | 4 | 1 | 0 | 2 | 7 | 10 | 2 | 0 |
| | 2030 | 390 | 996.7 | 953.9 | .. | 31.3 | 24.7 | 21.4 | 25.5 | 59 | .. | 4.6 | .. | 4.9 | 0 | 0 | 20 | 01 | 2 | 4 | 0 | 0 | 3 | 6 | 4 | 11 | 0 |
| | 2330 | 390 | 997.6 | 995.0 | .. | 29.4 | 24.4 | 21.9 | 26.3 | 67 | .. | 4.9 | .. | 2.6 | 0 | 1 | 11 | 01 | 0 | 2 | 2 | 0 | 1 | 4 | 2 | 19 | 0 |
| Dholpur | 0830 | 176 | 997.9 | 978.7 | -1.2 | 31.4 | 26.1 | 23.5 | 28.9 | 65 | -14 | 2.8 | -2.9 | 1.4 | 0 | 0 | 15 | 00 | 0 | 5 | 1 | 0 | 0 | 9 | 0 | 16 | 0 |
| | 1730 | 176 | 994.3 | 975.3 | -1.3 | 34.5 | 26.2 | 22.1 | 26.6 | 52 | -17 | 4.1 | -1.9 | 2.2 | 0 | 0 | 13 | 02 | 1 | 3 | 0 | 0 | 1 | 6 | 0 | 18 | 0 |
| Ajmer | 0830 | 486 | 999.1 | 946.3 | +0.3 | 28.5 | 23.7 | 21.6 | 25.8 | 67 | - 8 | 4.9 | -0.7 | 15.7 | 0 | 10 | 21 | 00 | 1 | 2 | 0 | 0 | 12 | 13 | 3 | 0 | 0 |
| | 1730 | 486 | 994.5 | 943.0 | -0.2 | 34.8 | 24.9 | 20.1 | 23.5 | 45 | -14 | 4.8 | -0.9 | 11.5 | 0 | 2 | 29 | 00 | 3 | 2 | 1 | 1 | 7 | 11 | 6 | 0 | 0 |
| Tonk | 0830 | 272 | 998.1 | 968.1 | +0.5 | 30.4 | 25.3 | 22.9 | 27.8 | 65 | -11 | 4.3 | -1.8 | 7.0 | 0 | 0 | 28 | 00 | 0 | 1 | 1 | 0 | 4 | 18 | 4 | 3 | 0 |
| | 1730 | 272 | 993.8 | 964.5 | -0.1 | 35.2 | 26.2 | 21.5 | 25.6 | 47 | -17 | 5.1 | -0.7 | 6.9 | 0 | 0 | 31 | 02 | 1 | 3 | 1 | 4 | 3 | 8 | 9 | 0 | 0 |
| Bhilwara | 0830 | 425 | 998.8 | 953.3 | .. | 28.9 | 24.2 | 21.8 | 26.1 | 68 | .. | 5.7 | .. | 11.0 | 0 | 3 | 27 | 00 | 1 | 0 | 1 | 0 | 14 | 5 | 9 | 1 | 0 |
| | 1730 | 425 | 996.2 | 950.6 | .. | 33.4 | 25.6 | 21.7 | 25.9 | 53 | .. | 4.4 | .. | 12.0 | 0 | 5 | 24 | 00 | 1 | 0 | 1 | 2 | 11 | 2 | 12 | 2 | 0 |
| Kota | 0830 | 257 | 998.8 | 970.8 | -0.1 | 30.8 | 25.4 | 23.0 | 28.1 | 66 | - 8 | 4.1 | -1.9 | 12.6 | 0 | 4 | 27 | 00 | 0 | 0 | 2 | 0 | 6 | 13 | 10 | 0 | 0 |
| | 1730 | 257 | 995.1 | 967.3 | -0.8 | 34.7 | 26.7 | 23.1 | 28.3 | 54 | -11 | 5.7 | -0.8 | 10.7 | 0 | 5 | 25 | 01 | 0 | 1 | 5 | 1 | 8 | 4 | 10 | 1 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 998.1 | 967.8 | .. | 28.6 | 24.4 | 22.4 | 27.1 | 71 | .. | 4.9 | .. | 9.8 | 0 | 3 | 28 | 00 | 0 | 1 | 0 | 0 | 13 | 12 | 5 | 0 | 0 |
| | 0830 | 274 | 999.4 | 969.3 | .. | 30.4 | 25.0 | 22.5 | 27.2 | 63 | .. | 4.2 | .. | 11.6 | 0 | 3 | 28 | 01 | 0 | 1 | 1 | 0 | 10 | 10 | 8 | 0 | 0 |
| | 1130 | 274 | 999.1 | 969.4 | .. | 33.4 | 25.7 | 22.0 | 26.4 | 51 | .. | 4.8 | .. | 11.9 | 0 | 3 | 28 | 03 | 1 | 0 | 2 | 0 | 7 | 4 | 14 | 0 | 0 |
| | 1730 | 274 | 995.8 | 966.1 | .. | 34.0 | 25.6 | 21.8 | 26.1 | 50 | .. | 6.0 | .. | 11.4 | 0 | 6 | 23 | 04 | 1 | 2 | 2 | 3 | 7 | 7 | 3 | 2 | 0 |
| | 2330 | 274 | 998.3 | 968.3 | .. | 30.7 | 25.2 | 22.5 | 27.2 | 63 | .. | 4.9 | .. | 10.7 | 0 | 4 | 27 | 01 | 0 | 0 | 2 | 1 | 17 | 2 | 7 | 0 | 1 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 999.9 | 961.4 | +0.4 | 28.8 | 24.5 | 22.2 | 26.7 | 70 | -14 | 3.9 | -1.7 | 7.1 | 0 | 3 | 25 | 01 | 0 | 0 | 1 | 4 | 13 | 5 | 4 | 3 | 0 |
| | 1730 | 351 | 995.9 | 959.7 | +1.3 | 33.3 | 25.6 | 21.8 | 26.1 | 55 | -17 | 4.7 | -1.2 | 7.7 | 0 | 5 | 23 | 03 | 2 | 1 | 0 | 2 | 16 | 1 | 3 | 3 | 0 |
| Udaipur | 0230 | 583 | 999.2 | 935.8 | .. | 25.8 | 23.0 | 21.4 | 25.5 | 77 | .. | 5.0 | .. | 3.0 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 5 | 6 | 2 | 0 | 18 | 0 |
| | 0530 | 583 | 999.2 | 935.7 | .. | 25.6 | 22.7 | 21.4 | 25.5 | 79 | .. | 5.4 | .. | 2.1 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 2 | 6 | 0 | 0 | 22 | 0 |
| | 0830 | 583 | 1000.2 | 936.9 | +0.0 | 27.1 | 23.2 | 21.4 | 25.5 | 72 | - 6 | 5.3 | -1.1 | 4.3 | 0 | 0 | 20 | 01 | 0 | 1 | 0 | 6 | 7 | 3 | 2 | 11 | 0 |
| | 1130 | 583 | 999.3 | 936.8 | .. | 30.4 | 24.1 | 21.0 | 24.9 | 61 | .. | 4.9 | .. | 3.5 | 0 | 0 | 19 | 00 | 1 | 0 | 1 | 4 | 11 | 0 | 2 | 12 | 0 |
| | 1730 | 583 | 997.0 | 934.6 | -0.3 | 29.3 | 24.1 | 21.6 | 25.8 | 64 | - 6 | 5.4 | -1.2 | 4.8 | 0 | 0 | 28 | 00 | 1 | 1 | 4 | 10 | 5 | 4 | 3 | 3 | 0 |
| | 2330 | 583 | 999.9 | 936.6 | .. | 27.0 | 23.4 | 21.8 | 26.1 | 75 | .. | 4.8 | .. | 3.2 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 5 | 8 | 0 | 1 | 17 | 0 |
| Jhalawar | 0830 | 321 | 999.2 | 963.9 | -0.3 | 28.8 | 24.5 | 22.3 | 26.9 | 71 | -10 | 5.6 | +0.0 | 6.1 | 0 | 0 | 28 | 01 | 2 | 1 | 0 | 0 | 12 | 11 | 1 | 3 | 0 |
| | 1730 | 321 | 995.2 | 960.6 | -0.8 | 34.0 | 25.3 | 20.9 | 24.7 | 50 | -19 | 5.9 | +0.2 | 5.9 | 0 | 0 | 25 | 03 | 2 | 2 | 2 | 1 | 8 | 6 | 1 | 6 | 0 |
| Banswara | 0830 | 220 | 995.9 | 971.4 | .. | 27.6 | 24.8 | 28.7 | 29.3 | 80 | .. | 2.6 | .. | 11.5 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 14 | 14 | 1 | 1 | 0 | 0 |
| | 1730 | 220 | 992.4 | 968.4 | .. | 32.5 | 25.4 | 22.0 | 26.4 | 58 | .. | 2.5 | .. | 10.7 | 0 | 0 | 31 | 00 | 0 | 1 | 3 | 11 | 11 | 3 | 2 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 996.8 | 974.0 | .. | 29.4 | 24.7 | 22.4 | 27.3 | 68 | .. | 4.0 | .. | 5.0 | 0 | 0 | 21 | 01 | 1 | 2 | 3 | 3 | 5 | 4 | 2 | 10 | 0 |
| | 0530 | 207 | 997.2 | 974.3 | .. | 28.9 | 24.4 | 22.3 | 26.8 | 70 | .. | 4.5 | .. | 4.1 | 0 | 0 | 20 | 00 | 3 | 2 | 0 | 0 | 6 | 7 | 2 | 11 | 0 |
| | 0830 | 207 | 998.6 | 975.9 | +0.3 | 31.3 | 25.4 | 22.4 | 27.6 | 63 | -11 | 4.1 | -2.0 | 6.0 | 0 | 0 | 27 | 01 | 0 | 2 | 2 | 1 | 2 | 12 | 7 | 4 | 0 |
| | 1130 | 207 | 998.1 | 975.7 | .. | 34.7 | 26.1 | 22.1 | 26.8 | 52 | .. | 4.5 | .. | 9.8 | 0 | 2 | 29 | 05 | 3 | 1 | 3 | 0 | 3 | 6 | 10 | 0 | 0 |
| | 1430 | 207 | 996.0 | 973.7 | .. | 35.6 | 26.1 | 21.3 | 26.0 | 48 | .. | 5.1 | .. | 9.0 | 0 | 2 | 29 | 06 | 2 | 3 | 2 | 0 | 2 | 5 | 11 | 0 | 0 |
| | 1730 | 207 | 994.9 | 972.5 | -0.3 | 34.8 | 25.9 | 21.4 | 26.1 | 51 | -15 | 5.0 | -1.4 | 9.2 | 0 | 1 | 29 | 06 | 3 | 2 | 2 | 2 | 4 | 4 | 7 | 1 | 0 |
| | 2030 | 207 | 996.3 | 973.6 | .. | 31.9 | 25.3 | 22.1 | 26.8 | 58 | .. | 4.6 | .. | 5.0 | 0 | 0 | 21 | 01 | 2 | 3 | 3 | 9 | 1 | 1 | 1 | 10 | 0 |
| | 2330 | 207 | 997.4 | 974.8 | .. | 30.3 | 24.9 | 22.3 | 27.1 | 65 | .. | 4.2 | .. | 5.0 | 0 | 0 | 19 | 00 | 2 | 2 | 1 | 6 | 6 | 2 | 0 | 12 | 0 |
| Sheopur | 0830 | 235 | 999.1 | 973.3 | +0.1 | 29.7 | 25.1 | 22.8 | 28.1 | 69 | -11 | 4.6 | -2.2 | 11.7 | 0 | 4 | 25 | 04 | 0 | 1 | 1 | 8 | 5 | 9 | 1 | 2 | 0 |
| | 1730 | 235 | 994.9 | 969.5 | -0.7 | 34.5 | 25.5 | 20.8 | 25.3 | 50 | -17 | 5.7 | -1.1 | 9.7 | 0 | 1 | 29 | 08 | 1 | 4 | 0 | 9 | 3 | 4 | 1 | 1 | 0 |
| Shivpuri | 0830 | 464 | 998.9 | 948.3 | .. | 28.6 | 24.2 | 22.2 | 26.9 | 71 | .. | 4.0 | .. | 9.7 | 0 | 3 | 28 | 01 | 3 | 0 | 0 | 0 | 4 | 14 | 9 | 0 | 0 |
| | 1730 | 464 | 995.3 | 945.4 | .. | 32.0 | 24.4 | 20.8 | 25.0 | 57 | .. | 5.4 | .. | 6.3 | 0 | 0 | 27 | 04 | 5 | 1 | 0 | 0 | 1 | 7 | 9 | 4 | 0 |
| Nowgong | 0830 | 229 | 999.0 | 973.8 | +0.1 | 29.3 | 25.5 | 23.8 | 29.5 | 73 | - 8 | 4.8 | -1.3 | 5.0 | 0 | 0 | 27 | 02 | 2 | 1 | 1 | 4 | 13 | 2 | 2 | 4 | 0 |
| | 1730 | 229 | 995.4 | 970.7 | +0.0 | 34.0 | 26.3 | 22.6 | 27.9 | 55 | -19 | 4.3 | -2.1 | 4.6 | 0 | 0 | 24 | 02 | 8 | 0 | 2 | 0 | 9 | 1 | 2 | 7 | 0 |
| Guna | 0530 | 478 | 998.5 | 946.0 | .. | 25.8 | 23.0 | 21.6 | 26.1 | 80 | .. | 5.3 | .. | 11.0 | 0 | 1 | 28 | 00 | 1 | 1 | 0 | 0 | 10 | 13 | 4 | 2 | 0 |
| | 0830 | 478 | 999.5 | 947.4 | +0.0 | 28.3 | 24.2 | 22.4 | 27.3 | 73 | -11 | 5.4 | -0.5 | 8.9 | 0 | 1 | 30 | 01 | 1 | 0 | 1 | 1 | 2 | 20 | 5 | 0 | 0 |
| | 1130 | 478 | 998.7 | 947.3 | .. | 32.0 | 25.2 | 22.1 | 27.1 | 59 | .. | 5.7 | .. | 14.8 | 0 | 8 | 23 | 00 | 3 | 1 | 1 | 0 | 5 | 9 | 12 | 0 | 0 |
| | 1430 | 478 | 996.3 | 945.2 | .. | 33.7 | 25.2 | 21.3 | 25.3 | 53 | .. | 6.2 | .. | 12.7 | 0 | 2 | 29 | 02 | 2 | 0 | 0 | 0 | 7 | 10 | 10 | 0 | 0 |
| | 1730 | 478 | 995.5 | 944.2 | -0.5 | 32.3 | 24.5 | 20.8 | 25.0 | 57 | -17 | 6.3 | -0.1 | 10.5 | 0 | 4 | 26 | 05 | 4 | 2 | 1 | 2 | 5 | 6 | 5 | 1 | 0 |
| | 2330 | 478 | 998.8 | 946.6 | .. | 27.8 | 23.9 | 21.6 | 25.3 | 72 | .. | 5.2 | .. | 8.9 | 0 | 0 | 27 | 00 | 1 | 0 | 1 | 8 | 6 | 8 | 3 | 4 | 0 |
| Nimach | 0830 | 496 | 1000.0 | 945.8 | -0.4 | 26.8 | 23.5 | 21.9 | 26.4 | 76 | - 7 | 5.4 | -1.2 | 14.5 | 0 | 4 | 27 | 01 | 1 | 0 | 1 | 2 | 11 | 12 | 2 | 0 | 1 |
| | 1730 | 496 | 996.5 | 943.2 | -0.6 | 31.2 | 24.3 | 21.0 | 25.3 | 59 | -10 | 5.4 | -1.3 | 16.4 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 0 | 10 | 13 | 0 | 0 | 8 |
| Rajgarh | 0830 | 382 | 1000.1 | 958.1 | +0.6 | 27.7 | 24.6 | 23.1 | 28.3 | 78 | - 5 | 6.0 | -0.6 | 13.3 | 0 | 8 | 23 | 01 | 1 | 1 | 0 | 3 | 1 | 16 | 8 | 0 | 0 |
| | 1730 | 382 | 995.9 | 954.8 | -0.3 | 32.6 | 25.3 | 21.6 | 26.3 | 58 | -12 | 5.9 | -0.9 | 13.4 | 0 | 8 | 23 | 07 | 0 | 2 | 1 | 0 | 2 | 12 | 7 | 0 | 0 |
| Sagar | 0830 | 551 | 999.5 | 939.4 | +0.4 | 26.6 | 23.6 | 22.3 | 26.9 | 79 | -12 | 5.4 | -1.3 | 6.6 | 0 | 0 | 31 | 00 | 3 | 4 | 0 | 0 | 8 | 13 | 3 | 0 | 0 |
| | 1730 | 551 | 995.9 | 936.8 | +0.3 | 30.7 | 24.4 | 21.5 | 25.9 | 62 | -20 | 5.3 | -1.3 | 7.1 | 0 | 0 | 31 | 01 | 3 | 4 | 1 | 0 | 5 | 11 | 6 | 0 | 0 |
| Ratlam | 0830 | 486 | 1001.1 | 947.6 | -0.2 | 25.9 | 23.5 | 22.6 | 27.3 | 83 | - 7 | 6.5 | -1.0 | 12.6 | 0 | 4 | 27 | 00 | 0 | 1 | 0 | 1 | 7 | 18 | 4 | 0 | 0 |
| | 1730 | 486 | 997.3 | 944.8 | -0.7 | 30.6 | 24.5 | 21.9 | 26.3 | 63 | -10 | 6.5 | -0.8 | 11.9 | 0 | 3 | 27 | 01 | 1 | 1 | 0 | 0 | 9 | 14 | 4 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation, in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) | 0230 | 523 | 998.7 | 941.6 | .. | 26.1 | 22.9 | 21.4 | 25.6 | 77 | .. | 6.3 | .. | 14.5 | 0 | 7 | 24 | 00 | 0 | 0 | 3 | 2 | 6 | 18 | 2 | 0 | 0 |
| | 0530 | 523 | 999.1 | 941.8 | .. | 25.2 | 22.5 | 21.1 | 25.3 | 90 | .. | 6.8 | .. | 14.0 | 0 | 4 | 27 | 01 | 0 | 1 | 1 | 1 | 5 | 17 | 5 | 0 | 0 |
| | 0830 | 523 | 1000.5 | 943.3 | +0.0 | 26.7 | 23.4 | 21.9 | 26.3 | 76 | -10 | 6.6 | -0.4 | 16.6 | 0 | 11 | 20 | 02 | 1 | 1 | 1 | 0 | 5 | 14 | 7 | 0 | 0 |
| | 1130 | 523 | 999.9 | 943.3 | .. | 29.8 | 24.3 | 21.8 | 26.4 | 66 | .. | 6.8 | .. | 16.4 | 0 | 10 | 20 | 01 | 0 | 1 | 0 | 2 | 4 | 15 | 7 | 1 | 0 |
| | 1430 | 523 | 997.0 | 940.9 | .. | 31.9 | 24.6 | 21.3 | 25.5 | 57 | .. | 6.3 | .. | 13.7 | 0 | 6 | 23 | 02 | 1 | 1 | 2 | 0 | 5 | 12 | 6 | 2 | 0 |
| | 1730 | 523 | 996.0 | 939.9 | -0.7 | 31.1 | 24.1 | 20.8 | 24.9 | 59 | -13 | 6.6 | -0.4 | 13.9 | 0 | 6 | 22 | 00 | 1 | 2 | 1 | 6 | 4 | 9 | 5 | 3 | 0 |
| | 2030 | 523 | 998.3 | 941.6 | .. | 28.6 | 23.5 | 21.4 | 25.3 | 69 | .. | 6.9 | .. | 11.9 | 0 | 5 | 25 | 01 | 0 | 3 | 2 | 4 | 8 | 9 | 3 | 1 | 0 |
| | 2330 | 523 | 999.4 | 942.4 | .. | 27.1 | 23.3 | 21.4 | 25.6 | 75 | .. | 6.4 | .. | 12.1 | 0 | 1 | 30 | 03 | 0 | 0 | 3 | 2 | 10 | 11 | 2 | 0 | 0 |
| Ujjain | 0830 | 489 | 1000.9 | 947.1 | .. | 26.1 | 23.5 | 22.4 | 26.3 | 81 | .. | 6.8 | .. | 18.1 | 0 | 10 | 21 | 01 | 0 | 0 | 1 | 2 | 2 | 13 | 12 | 0 | 0 |
| | 1730 | 489 | 996.8 | 944.1 | .. | 30.8 | 24.3 | 21.2 | 25.5 | 61 | .. | 7.4 | .. | 17.5 | 0 | 13 | 16 | 01 | 0 | 1 | 1 | 2 | 3 | 15 | 6 | 2 | 0 |
| Narsinghpur | 0830 | 356 | 999.8 | 960.6 | .. | 28.0 | 25.1 | 23.7 | 29.5 | 79 | .. | . | .. | 2.5 | 0 | 0 | 29 | 00 | 3 | 0 | 1 | 0 | 23 | 0 | 2 | 2 | 0 |
| | 1730 | 356 | 996.6 | 958.0 | .. | 31.6 | 26.2 | 24.0 | 29.7 | 67 | .. | . | .. | 2.5 | 0 | 0 | 30 | 01 | 3 | 0 | 3 | 0 | 18 | 2 | 3 | 1 | 0 |
| Hoshangabad | 0830 | 302 | 1000.2 | 966.7 | -0.5 | 27.2 | 24.4 | 23.1 | 28.3 | 81 | - 6 | . | .. | 2.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 27 | 0 | 4 | 0 | 0 |
| | 1730 | 302 | 996.6 | 963.8 | -0.5 | 32.0 | 25.5 | 22.3 | 27.3 | 62 | -16 | 6.1 | -0.8 | 2.3 | 0 | 0 | 31 | 01 | 12 | 0 | 0 | 0 | 10 | 0 | 8 | 0 | 0 |
| Indore | 0530 | 567 | 999.9 | 937.6 | .. | 24.1 | 22.2 | 21.4 | 25.3 | 85 | .. | 5.5 | .. | 19.3 | 0 | 14 | 17 | 01 | 1 | 0 | 0 | 1 | 6 | 17 | 5 | 0 | 0 |
| | 0830 | 567 | 1001.1 | 939.0 | +0.2 | 25.8 | 23.0 | 21.7 | 26.1 | 79 | - 9 | 5.8 | -1.5 | 21.5 | 0 | 19 | 12 | 01 | 0 | 0 | 1 | 2 | 6 | 18 | 3 | 0 | 0 |
| | 1130 | 567 | 1000.5 | 939.1 | .. | 28.8 | 23.6 | 21.2 | 25.3 | 67 | .. | 5.6 | .. | 19.7 | 0 | 14 | 17 | 00 | 2 | 0 | 0 | 2 | 5 | 17 | 5 | 0 | 0 |
| | 1730 | 567 | 996.9 | 935.9 | -0.4 | 29.9 | 23.7 | 20.8 | 25.0 | 62 | -10 | 6.0 | -1.0 | 18.1 | 0 | 15 | 16 | 01 | 2 | 1 | 1 | 2 | 11 | 11 | 2 | 0 | 0 |
| | 2330 | 567 | 1000.5 | 938.5 | .. | 25.7 | 23.0 | 21.5 | 26.1 | 80 | .. | 6.0 | .. | 18.6 | 0 | 13 | 16 | 00 | 0 | 0 | 0 | 2 | 8 | 17 | 2 | 2 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1002.0 | 969.5 | +0.3 | 26.5 | 24.4 | 23.4 | 28.9 | 83 | - 5 | 6.6 | -0.6 | 11.9 | 0 | 2 | 29 | 00 | 0 | 1 | 1 | 0 | 4 | 25 | 0 | 0 | 0 |
| | 1730 | 293 | 998.4 | 966.4 | -0.2 | 30.4 | 24.7 | 21.9 | 26.5 | 64 | -10 | 6.1 | -0.9 | 10.6 | 0 | 1 | 28 | 00 | 0 | 1 | 0 | 0 | 2 | 26 | 0 | 2 | 0 |
| Chhindwara | 0830 | 685 | 999.9 | 925.6 | -0.7 | 25.9 | 22.8 | 21.4 | 25.3 | 78 | - 9 | 6.4 | -0.1 | 9.8 | 0 | 5 | 24 | 01 | 0 | 2 | 0 | 1 | 3 | 16 | 6 | 2 | 0 |
| | 1730 | 685 | 996.4 | 923.0 | -1.1 | 28.6 | 23.2 | 20.6 | 24.4 | 67 | -10 | 7.2 | +0.5 | 9.7 | 0 | 2 | 27 | 00 | 0 | 5 | 1 | 3 | 1 | 17 | 2 | 2 | 0 |
| Seoni | 0830 | 619 | 999.9 | 932.6 | +0.1 | 26.0 | 23.6 | 22.6 | 27.4 | 82 | - 4 | 6.1 | -1.1 | 6.6 | 0 | 0 | 30 | 01 | 1 | 0 | 2 | 3 | 10 | 8 | 5 | 1 | 0 |
| | 1730 | 619 | 996.3 | 929.9 | -0.4 | 29.0 | 24.1 | 21.9 | 26.3 | 69 | -10 | 6.4 | -0.8 | 7.7 | 0 | 0 | 31 | 01 | 1 | 2 | 3 | 5 | 7 | 9 | 3 | 0 | 0 |
| Betul | 0830 | 653 | 1001.1 | 929.9 | -0.5 | 25.4 | 23.6 | 22.8 | 27.7 | 87 | - 2 | 7.1 | -0.6 | 5.4 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 2 | 1 | 12 | 13 | 3 | 0 |
| | 1730 | 653 | 996.8 | 926.8 | -1.1 | 29.0 | 24.7 | 22.9 | 27.9 | 73 | - 5 | 7.5 | -0.2 | 5.0 | 0 | 0 | 30 | 03 | 0 | 0 | 2 | 2 | 0 | 13 | 10 | 1 | 0 |
| Khandwa | 0830 | 318 | 1001.7 | 966.4 | +0.3 | 27.1 | 23.9 | 22.4 | 27.1 | 77 | - 6 | 5.3 | -1.7 | 3.5 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 0 | 19 | 1 | 9 | 0 | 0 |
| | 1730 | 318 | 997.0 | 962.5 | -0.8 | 32.0 | 24.5 | 20.6 | 24.6 | 56 | -15 | 6.0 | -1.2 | 3.9 | 0 | 0 | 31 | 00 | 1 | 0 | 2 | 0 | 21 | 0 | 7 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 997.9 | 962.8 | .. | 26.8 | 24.8 | 23.8 | 29.7 | 84 | .. | 5.2 | .. | 2.5 | 0 | 0 | 18 | 01 | 0 | 2 | 2 | 1 | 1 | 11 | 0 | 13 | 0 |
| | 0830 | 317 | 998.8 | 964.0 | +0.1 | 29.2 | 25.5 | 23.9 | 29.7 | 74 | - 8 | 5.2 | -1.3 | 3.2 | 0 | 0 | 25 | 00 | 0 | 5 | 1 | 1 | 1 | 16 | 1 | 6 | 0 |
| | 1130 | 317 | 998.5 | 964.0 | .. | 32.0 | 26.3 | 23.7 | 29.7 | 63 | .. | 5.2 | .. | 5.2 | 0 | 0 | 30 | 00 | 0 | 6 | 1 | 1 | 2 | 14 | 6 | 1 | 0 |
| | 1430 | 317 | 996.5 | 962.3 | .. | 33.7 | 26.5 | 23.3 | 28.6 | 57 | .. | 5.0 | .. | 4.6 | 0 | 0 | 31 | 02 | 0 | 5 | 2 | 1 | 3 | 10 | 8 | 0 | 0 |
| | 1730 | 317 | 995.5 | 961.2 | +0.1 | 32.6 | 26.1 | 23.1 | 28.6 | 59 | -16 | 5.0 | -1.6 | 3.8 | 0 | 0 | 27 | 04 | 0 | 5 | 0 | 1 | 2 | 11 | 4 | 4 | 0 |
| | 2330 | 317 | 998.2 | 963.4 | .. | 28.7 | 25.6 | 24.1 | 30.0 | 77 | .. | 2.7 | .. | 2.7 | 0 | 0 | 21 | 00 | 0 | 5 | 1 | 3 | 2 | 8 | 2 | 10 | 0 |
| Rewa | 0830 | 299 | 998.9 | 966.1 | .. | 29.8 | 25.5 | 23.6 | 28.9 | 71 | .. | 5.1 | .. | 6.7 | 0 | 0 | 31 | 04 | 3 | 1 | 1 | 1 | 9 | 8 | 4 | 0 | 0 |
| | 1730 | 299 | 995.7 | 963.5 | .. | 33.6 | 26.2 | 22.7 | 27.9 | 56 | .. | 5.8 | .. | 6.1 | 0 | 1 | 29 | 03 | 5 | 1 | 3 | 1 | 2 | 6 | 5 | 1 | 0 |
| Sidhi | 0830 | 272 | 997.9 | 968.1 | +0.6 | 29.7 | 26.6 | 25.3 | 32.2 | 78 | - 2 | . | .. | 1.5 | 0 | 0 | 22 | 00 | 0 | 4 | 1 | 8 | 0 | 8 | 1 | 9 | 0 |
| | 1730 | 272 | 994.5 | 965.1 | +0.0 | 33.1 | 27.4 | 25.0 | 31.9 | 64 | - 8 | . | .. | 2.0 | 0 | 0 | 27 | 09 | 0 | 7 | 1 | 3 | 0 | 7 | 0 | 4 | 0 |
| Umaria | 0830 | 459 | 999.5 | 949.3 | +0.3 | 27.9 | 25.4 | 24.5 | 30.7 | 83 | - 1 | 6.1 | -1.0 | 5.5 | 0 | 0 | 30 | 02 | 0 | 1 | 1 | 1 | 10 | 7 | 6 | 1 | 2 |
| | 1730 | 459 | 995.5 | 946.1 | -0.3 | 31.4 | 26.5 | 24.8 | 31.1 | 70 | -10 | 6.9 | -0.4 | 3.6 | 0 | 0 | 29 | 03 | 5 | 5 | 2 | 0 | 1 | 10 | 3 | 2 | 0 |
| Jabalpur | 0530 | 393 | 998.7 | 955.4 | .. | 25.9 | 24.1 | 23.3 | 28.4 | 86 | .. | 6.4 | .. | 2.5 | 0 | 0 | 17 | 01 | 0 | 0 | 1 | 5 | 2 | 8 | 0 | 14 | 0 |
| | 0830 | 393 | 999.9 | 956.9 | +0.3 | 27.9 | 24.8 | 23.4 | 28.6 | 77 | - 8 | 5.6 | -1.6 | 4.3 | 0 | 0 | 28 | 00 | 0 | 1 | 1 | 4 | 6 | 14 | 2 | 3 | 0 |
| | 1130 | 393 | 999.2 | 956.6 | .. | 31.3 | 25.8 | 23.4 | 28.4 | 66 | .. | 6.0 | .. | 5.1 | 0 | 0 | 29 | 03 | 1 | 0 | 0 | 5 | 5 | 15 | 0 | 2 | 0 |
| | 1430 | 393 | 996.6 | 954.3 | .. | 32.8 | 26.2 | 23.2 | 28.6 | 60 | .. | 6.4 | .. | 4.9 | 0 | 0 | 28 | 05 | 1 | 1 | 0 | 3 | 5 | 10 | 3 | 3 | 0 |
| | 1730 | 393 | 996.0 | 953.5 | -0.4 | 31.0 | 25.5 | 22.9 | 28.1 | 66 | -13 | 6.7 | -0.7 | 4.3 | 0 | 0 | 27 | 01 | 1 | 4 | 4 | 4 | 5 | 6 | 2 | 4 | 0 |
| | 2030 | 393 | 998.2 | 955.3 | .. | 28.5 | 25.1 | 23.5 | 29.1 | 78 | .. | 6.0 | .. | 2.7 | 0 | 0 | 17 | 00 | 0 | 2 | 4 | 4 | 1 | 6 | 0 | 14 | 0 |
| | 2330 | 393 | 999.2 | 956.0 | .. | 27.2 | 24.7 | 23.5 | 29.0 | 83 | .. | 5.6 | .. | 3.0 | 0 | 0 | 21 | 00 | 0 | 0 | 4 | 7 | 3 | 7 | 0 | 10 | 0 |
| Ambikapur | 0830 | 611 | 999.4 | 933.1 | -0.6 | 26.9 | 24.4 | 23.3 | 28.6 | 81 | - 6 | 6.0 | +0.1 | 5.7 | 0 | 1 | 29 | 04 | 2 | 1 | 4 | 5 | 9 | 4 | 1 | 1 | 0 |
| | 1730 | 611 | 996.1 | 930.5 | -0.7 | 28.8 | 24.9 | 22.6 | 27.3 | 71 | - 9 | 7.1 | +1.4 | 5.7 | 0 | 0 | 30 | 02 | 7 | 2 | 7 | 5 | 3 | 1 | 3 | 1 | 0 |
| Jashpurnagar | 0830 | 779 | 999.3 | 915.6 | .. | 25.7 | 23.3 | 22.3 | 26.9 | 82 | .. | 5.0 | .. | 2.5 | 0 | 0 | 29 | 00 | 10 | 0 | 3 | 1 | 12 | 0 | 3 | 2 | 0 |
| | 1730 | 779 | 996.3 | 913.1 | .. | 26.7 | 23.9 | 22.7 | 27.6 | 80 | .. | 5.7 | .. | 1.9 | 0 | 0 | 24 | 00 | 9 | 0 | 1 | 0 | 13 | 0 | 1 | 7 | 0 |
| Pendra | 0530 | 685 | 998.9 | 930.6 | .. | 24.1 | 23.0 | 22.4 | 27.3 | 91 | .. | 6.1 | .. | 4.7 | 0 | 1 | 23 | 06 | 0 | 0 | 1 | 13 | 2 | 1 | 1 | 7 | 0 |
| | 0830 | 685 | 999.7 | 931.9 | +0.2 | 26.3 | 23.9 | 22.9 | 27.9 | 83 | - 3 | 5.8 | -1.3 | 8.1 | 0 | 3 | 22 | 09 | 0 | 0 | 2 | 10 | 1 | 1 | 2 | 6 | 0 |
| | 1130 | 685 | 998.9 | 931.7 | .. | 28.8 | 24.6 | 22.8 | 28.3 | 72 | .. | 5.5 | .. | 8.3 | 0 | 3 | 23 | 08 | 2 | 0 | 1 | 6 | 2 | 4 | 2 | 5 | 1 |
| | 1430 | 685 | 996.5 | 929.6 | .. | 28.9 | 24.4 | 22.5 | 27.1 | 70 | .. | 6.2 | .. | 8.8 | 0 | 5 | 22 | 04 | 3 | 0 | 2 | 6 | 4 | 5 | 2 | 4 | 1 |
| | 1730 | 685 | 996.4 | 929.1 | -0.2 | 27.8 | 24.2 | 22.6 | 27.6 | 75 | - 8 | 6.4 | -0.9 | 5.2 | 0 | 1 | 21 | 05 | 2 | 0 | 1 | 8 | 2 | 4 | 0 | 9 | 0 |
| | 2330 | 685 | 999.3 | 931.4 | .. | 25.1 | 23.5 | 22.8 | 27.8 | 87 | .. | 5.9 | .. | 6.8 | 0 | 2 | 22 | 03 | 0 | 0 | 0 | 13 | 6 | 1 | 1 | 7 | 0 |
| Mandla | 0830 | 443 | 999.9 | 951.4 | -0.5 | 26.8 | 24.4 | 23.2 | 28.6 | 80 | - 8 | 5.5 | -1.4 | 2.3 | 0 | 0 | 12 | 03 | 0 | 0 | 1 | 5 | 0 | 0 | 3 | 19 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandla (contd.) | 1730 | 443 | 996.0 | 948.1 | -1.1 | 29.9 | 25.1 | 22.8 | 27.9 | 69 | -10 | 6.1 | -0.8 | 1.0 | 0 | 0 | 6 | 02 | 0 | 0 | 0 | 2 | 0 | 0 | 2 | 25 | 0 |
| Champa | 0830 | 245 | 999.9 | 972.8 | -0.9 | 28.1 | 25.5 | 24.3 | 30.5 | 80 | - 6 | 6.4 | -0.8 | 4.1 | 0 | 0 | 26 | 01 | 3 | 4 | 2 | 0 | 7 | 7 | 2 | 5 | 0 |
| | 1730 | 245 | 996.7 | 969.9 | -0.8 | 30.8 | 26.0 | 24.0 | 29.7 | 69 | - 6 | 7.0 | -0.5 | 5.5 | 0 | 1 | 25 | 03 | 3 | 3 | 1 | 1 | 10 | 4 | 1 | 5 | 0 |
| Raigarh | 0830 | 220 | 1000.0 | 975.6 | -0.6 | 28.3 | 25.6 | 24.5 | 30.7 | 81 | - 4 | 6.5 | -0.8 | 3.5 | 0 | 0 | 30 | 00 | 7 | 0 | 3 | 3 | 14 | 1 | 2 | 1 | 0 |
| | 1730 | 220 | 996.9 | 972.7 | -0.6 | 29.9 | 25.7 | 23.8 | 29.7 | 71 | - 4 | 6.9 | -0.3 | 2.2 | 0 | 0 | 25 | 01 | 5 | 0 | 1 | 0 | 14 | 2 | 2 | 6 | 0 |
| Raipur | 0530 | | 998.9 | 965.8 | .. | 25.7 | 24.2 | 23.4 | 29.0 | 88 | .. | 6.8 | .. | 3.7 | 0 | 0 | 23 | 00 | 0 | 0 | 2 | 5 | 10 | 5 | 1 | 8 | 0 |
| | 0830 | | 1000.2 | 967.2 | -0.3 | 27.7 | 25.0 | 23.8 | 29.3 | 80 | - 5 | 6.2 | -1.0 | 5.3 | 0 | 0 | 31 | 00 | 0 | 1 | 2 | 4 | 9 | 15 | 0 | 0 | 0 |
| | 1130 | | 999.7 | 967.1 | .. | 30.7 | 25.8 | 23.6 | 29.1 | 69 | .. | 6.5 | .. | 6.0 | 0 | 0 | 28 | 01 | 3 | 0 | 0 | 4 | 8 | 11 | 1 | 3 | 0 |
| | 1430 | | 997.4 | 964.9 | .. | 31.6 | 25.9 | 23.6 | 28.8 | 65 | .. | 6.6 | .. | 6.6 | 0 | 0 | 30 | 03 | 2 | 1 | 0 | 6 | 7 | 9 | 2 | 1 | 0 |
| | 1730 | | 996.8 | 964.3 | -0.6 | 30.2 | 25.4 | 23.1 | 28.4 | 69 | - 9 | 7.1 | +0.0 | 5.7 | 0 | 0 | 29 | 01 | 2 | 0 | 3 | 5 | 9 | 7 | 2 | 2 | 0 |
| | 2030 | | 998.9 | 966.1 | .. | 28.0 | 25.0 | 23.5 | 29.3 | 79 | .. | 6.1 | .. | 5.7 | 0 | 0 | 28 | 00 | 0 | 1 | 1 | 10 | 9 | 6 | 1 | 3 | 0 |
| | 2330 | | 999.7 | 966.7 | .. | 27.2 | 24.7 | 23.7 | 29.1 | 82 | .. | 6.6 | .. | 6.1 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 12 | 11 | 7 | 0 | 0 | 0 |
| Kanker | 0830 | 402 | 1000.7 | 956.6 | -0.4 | 26.9 | 24.4 | 23.3 | 28.6 | 81 | - 1 | 6.0 | +0.7 | 1.7 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 13 | 2 | 0 | 16 | 0 |
| | 1730 | 402 | 997.6 | 953.9 | -0.6 | 28.9 | 25.4 | 23.9 | 29.7 | 76 | - 3 | 7.0 | -0.5 | 3.0 | 0 | 0 | 23 | 00 | 1 | 0 | 0 | 0 | 22 | 0 | 0 | 8 | 0 |
| Jagdalpur | 0530 | 553 | 1000.0 | 939.4 | .. | 23.8 | 22.3 | 21.6 | 25.8 | 88 | .. | 6.5 | .. | 5.3 | 0 | 1 | 16 | 00 | 0 | 0 | 1 | 2 | 11 | 3 | 0 | 14 | 0 |
| | 0830 | 553 | 1001.2 | 940.8 | -0.4 | 25.7 | 23.2 | 22.2 | 26.4 | 82 | - 4 | 7.1 | +0.0 | 8.8 | 0 | 1 | 27 | 00 | 1 | 0 | 0 | 5 | 20 | 2 | 0 | 3 | 0 |
| | 1130 | 553 | 1000.5 | 940.6 | .. | 27.7 | 24.0 | 22.5 | 27.1 | 75 | .. | 6.7 | .. | 9.4 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 5 | 19 | 6 | 0 | 1 | 0 |
| | 1430 | 553 | 998.6 | 938.4 | .. | 28.1 | 24.0 | 22.2 | 26.9 | 72 | .. | 7.3 | .. | 9.5 | 0 | 1 | 28 | 00 | 1 | 0 | 1 | 4 | 19 | 4 | 0 | 2 | 0 |
| | 1730 | 553 | 998.4 | 938.4 | -0.4 | 26.6 | 23.5 | 22.2 | 26.3 | 79 | - 3 | 7.6 | +0.3 | 8.3 | 0 | 3 | 26 | 00 | 1 | 0 | 0 | 7 | 15 | 5 | 1 | 2 | 0 |
| | 2030 | 553 | 1000.4 | 940.0 | .. | 25.3 | 23.1 | 22.2 | 26.9 | 84 | .. | 6.5 | .. | 3.9 | 0 | 0 | 17 | 00 | 1 | 0 | 0 | 3 | 12 | 1 | 0 | 14 | 0 |
| | 2330 | 553 | 1000.9 | 940.3 | .. | 24.6 | 22.9 | 22.2 | 26.8 | 87 | .. | 6.2 | .. | 3.5 | 0 | 1 | 10 | 00 | 0 | 0 | 0 | 2 | 7 | 2 | 0 | 20 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1001.0 | 985.7 | +0.5 | 27.5 | 25.3 | 24.2 | 30.4 | 82 | - 4 | 6.8 | +0.5 | 8.5 | 0 | 0 | 29 | 00 | 0 | 0 | 8 | 1 | 13 | 0 | 7 | 2 | 0 |
| | 1730 | 136 | 997.1 | 982.2 | +0.1 | 33.4 | 26.3 | 23.2 | 28.4 | 58 | - 6 | 5.9 | +0.0 | 12.3 | 0 | 6 | 23 | 00 | 2 | 0 | 7 | 0 | 18 | 0 | 2 | 2 | 0 |
| Radhanpur | 0830 | 30 | 1001.1 | 997.7 | +1.4 | 28.3 | 25.9 | 25.0 | 31.9 | 84 | - 1 | . | .. | 4.6 | 0 | 0 | 31 | 02 | 0 | 1 | 1 | 3 | 21 | 2 | 1 | 0 | 0 |
| | 1730 | 30 | 997.1 | 993.8 | +0.1 | 32.6 | 26.6 | 23.2 | 29.8 | 58 | -10 | . | .. | 6.3 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 4 | 17 | 5 | 3 | 1 | 0 |
| Idar | 0830 | 219 | 1001.1 | 976.7 | +0.2 | 27.0 | 24.5 | 23.3 | 28.6 | 81 | - 8 | 6.8 | -0.6 | 4.7 | 0 | 0 | 31 | 01 | 1 | 0 | 1 | 4 | 9 | 15 | 0 | 0 | 0 |
| | 1730 | 219 | 997.3 | 973.4 | -0.1 | 32.0 | 25.4 | 22.2 | 27.1 | 61 | - 9 | 6.5 | -0.7 | 5.2 | 0 | 0 | 31 | 02 | 0 | 1 | 0 | 4 | 9 | 15 | 0 | 0 | 0 |
| Ahmadabad | 0230 | 55 | 1000.1 | 993.8 | .. | 27.6 | 25.5 | 24.6 | 30.7 | 85 | .. | 4.5 | .. | 9.4 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 1 | 12 | 12 | 2 | 4 | 0 |
| | 0530 | 55 | 999.8 | 993.6 | .. | 26.9 | 25.3 | 24.6 | 30.9 | 83 | .. | 5.2 | .. | 9.0 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 1 | 12 | 9 | 5 | 4 | 0 |
| | 0830 | 55 | 1001.3 | 995.1 | -0.1 | 28.0 | 26.0 | 25.1 | 32.1 | 84 | - 2 | 6.2 | -0.7 | 9.2 | 0 | 1 | 26 | 00 | 0 | 0 | 0 | 1 | 9 | 10 | 7 | 4 | 0 |
| | 1130 | 55 | 1001.4 | 995.2 | .. | 30.9 | 26.6 | 24.7 | 31.1 | 69 | .. | 6.0 | .. | 11.4 | 0 | 1 | 28 | 01 | 0 | 0 | 0 | 2 | 11 | 12 | 3 | 2 | 0 |
| | 1430 | 55 | 999.3 | 993.1 | .. | 33.2 | 27.1 | 24.4 | 30.7 | 63 | .. | 5.5 | .. | 11.7 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 3 | 11 | 11 | 4 | 2 | 0 |
| | 1730 | 55 | 997.9 | 991.7 | -0.4 | 32.3 | 26.8 | 24.4 | 30.7 | 67 | - 1 | 5.7 | -1.0 | 14.4 | 0 | 7 | 23 | 00 | 1 | 0 | 0 | 4 | 11 | 9 | 5 | 1 | 0 |
| | 2030 | 55 | 999.3 | 993.1 | .. | 29.5 | 26.2 | 24.7 | 31.3 | 75 | .. | 5.5 | .. | 10.5 | 0 | 0 | 27 | 00 | 0 | 0 | 1 | 6 | 10 | 7 | 3 | 4 | 0 |
| | 2330 | 55 | 1000.7 | 994.5 | .. | 28.5 | 26.0 | 24.9 | 31.5 | 82 | .. | 5.3 | .. | 10.9 | 0 | 3 | 25 | 00 | 0 | 1 | 0 | 0 | 13 | 13 | 1 | 3 | 0 |
| Dohad | 0830 | 333 | 1001.4 | 964.6 | -0.4 | 26.6 | 24.0 | 22.8 | 27.7 | 80 | - 7 | 6.2 | -1.0 | 20.5 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 2 | 10 | 18 | 1 | 0 | 0 |
| | 1730 | 333 | 997.5 | 961.3 | -1.2 | 31.3 | 24.5 | 21.0 | 25.2 | 59 | -12 | 5.2 | -1.1 | 23.6 | 0 | 22 | 9 | 01 | 0 | 0 | 0 | 2 | 15 | 10 | 3 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1001.3 | 996.4 | .. | 27.2 | 25.5 | 24.7 | 31.1 | 87 | .. | 4.9 | .. | 6.1 | 0 | 0 | 30 | 00 | 0 | 1 | 1 | 2 | 21 | 4 | 1 | 1 | 0 |
| | 1730 | 44 | 998.2 | 993.3 | .. | 31.4 | 26.3 | 23.9 | 30.0 | 69 | .. | 4.9 | .. | 9.8 | 0 | 5 | 24 | 00 | 0 | 0 | 1 | 5 | 18 | 4 | 1 | 2 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1001.8 | 997.5 | -0.4 | 27.9 | 26.5 | 25.9 | 33.4 | 89 | + 2 | 5.5 | -1.2 | 15.5 | 0 | 5 | 25 | 00 | 0 | 0 | 0 | 4 | 17 | 8 | 1 | 1 | 0 |
| | 1130 | 38 | 1001.7 | 997.5 | .. | 30.2 | 27.2 | 26.0 | 33.6 | 80 | .. | 5.7 | .. | 19.1 | 0 | 10 | 21 | 00 | 1 | 0 | 1 | 1 | 14 | 10 | 4 | 0 | 0 |
| | 1730 | 38 | 998.4 | 994.1 | -0.8 | 31.2 | 27.6 | 26.1 | 34.0 | 77 | + 3 | 5.4 | -1.4 | 22.8 | 0 | 20 | 9 | 00 | 0 | 0 | 0 | 7 | 16 | 5 | 1 | 2 | 0 |
| Baroda | 0530 | 34 | 1000.6 | 996.6 | .. | 26.7 | 25.3 | 24.8 | 31.1 | 90 | .. | 4.9 | .. | 2.8 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 19 | 1 | 0 | 11 | 0 |
| | 0830 | 34 | 1002.0 | 998.1 | -0.1 | 27.9 | 26.1 | 25.3 | 32.2 | 86 | - 2 | 5.3 | -1.5 | 3.9 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 24 | 4 | 0 | 3 | 0 |
| | 1130 | 34 | 1002.1 | 998.2 | .. | 30.7 | 26.7 | 25.0 | 31.7 | 73 | .. | 5.7 | .. | 4.8 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 24 | 4 | 1 | 2 | 0 |
| | 1730 | 34 | 998.8 | 994.9 | -0.3 | 31.8 | 26.8 | 24.6 | 31.1 | 70 | - 6 | 5.9 | -0.5 | 5.3 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 2 | 18 | 6 | 1 | 4 | 0 |
| | 2330 | 34 | 1001.5 | 997.5 | .. | 27.9 | 25.8 | 24.9 | 31.5 | 85 | .. | 5.0 | .. | 4.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 29 | 1 | 0 | 1 | 0 |
| Broach | 0830 | 17 | 1001.5 | 999.5 | -0.6 | 27.4 | 25.8 | 25.2 | 31.9 | 88 | + 1 | 6.1 | -0.3 | 7.1 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 3 | 20 | 5 | 3 | 0 | 0 |
| | 1730 | 17 | 998.8 | 996.8 | -0.9 | 30.9 | 26.7 | 24.9 | 31.5 | 72 | - 2 | 5.5 | -0.8 | 9.0 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 1 | 26 | 3 | 1 | 0 | 0 |
| Surat | 0530 | 12 | 1000.9 | 999.6 | .. | 26.8 | 25.5 | 24.9 | 31.7 | 89 | .. | 5.7 | .. | 7.9 | 0 | 0 | 30 | 00 | 0 | 0 | 7 | 0 | 23 | 0 | 0 | 1 | 0 |
| | 0830 | 12 | 1002.3 | 1001.0 | -0.3 | 27.9 | 25.9 | 25.1 | 31.9 | 85 | - 2 | 6.1 | -1.2 | 6.6 | 0 | 0 | 28 | 00 | 0 | 0 | 4 | 0 | 20 | 0 | 4 | 3 | 0 |
| | 1130 | 12 | 1002.7 | 1001.4 | .. | 30.0 | 26.3 | 24.7 | 31.1 | 74 | .. | 5.9 | .. | 10.8 | 0 | 2 | 29 | 00 | 0 | 0 | 4 | 0 | 23 | 0 | 4 | 0 | 0 |
| | 1730 | 12 | 1000.0 | 998.7 | -0.5 | 29.7 | 26.1 | 24.5 | 30.9 | 75 | - 6 | 5.6 | -1.3 | 12.4 | 0 | 1 | 30 | 00 | 0 | 0 | 1 | 0 | 29 | 0 | 1 | 0 | 0 |
| | 2330 | 12 | 1002.2 | 1000.9 | .. | 27.5 | 25.8 | 25.1 | 31.9 | 87 | .. | 5.1 | .. | 10.3 | 0 | 1 | 30 | 00 | 0 | 0 | 2 | 0 | 29 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1000.2 | 997.8 | +1.2 | 28.5 | 26.7 | 25.9 | 33.6 | 86 | + 1 | 5.7 | -1.0 | 18.9 | 0 | 14 | 17 | 01 | 0 | 0 | 0 | 2 | 22 | 4 | 2 | 0 | 0 |
| | 1730 | 21 | 998.1 | 995.7 | +0.9 | 30.4 | 27.2 | 25.9 | 33.4 | 78 | + 1 | 6.4 | -0.4 | 19.3 | 0 | 15 | 16 | 00 | 1 | 0 | 0 | 4 | 18 | 6 | 2 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 999.1 | 990.0 | .. | 27.4 | 25.8 | 25.1 | 31.9 | 87 | .. | 3.8 | .. | 17.1 | 0 | 6 | 24 | 00 | 0 | 0 | 2 | 0 | 11 | 15 | 2 | 1 | 0 |
| | 0530 | 80 | 999.0 | 990.0 | .. | 26.7 | 25.6 | 25.0 | 31.9 | 89 | .. | 4.5 | .. | 13.5 | 0 | 4 | 23 | 01 | 0 | 0 | 1 | 0 | 9 | 13 | 3 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)(contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj (Rudramata) (contd.) | 0830 | 80 | 1000.3 | 991.3 | +0.0 | 28.4 | 26.1 | 25.3 | 32.1 | 83 | + 6 | 6.1 | +0.1 | 20.5 | 0 | 16 | 14 | 02 | 0 | 0 | 0 | 1 | 7 | 16 | 4 | 1 | 0 |
| | 1130 | 80 | 1000.3 | 991.4 | .. | 31.1 | 26.3 | 24.2 | 30.2 | 68 | .. | 5.8 | .. | 21.9 | 0 | 18 | 10 | 00 | 1 | 0 | 0 | 0 | 6 | 17 | 4 | 3 | 0 |
| | 1430 | 80 | 998.9 | 990.0 | .. | 32.6 | 26.5 | 23.7 | 29.7 | 62 | .. | 5.9 | .. | 23.4 | 0 | 22 | 7 | 00 | 0 | 0 | 2 | 0 | 9 | 15 | 3 | 2 | 0 |
| | 1730 | 80 | 997.6 | 988.7 | -0.2 | 32.0 | 26.5 | 24.0 | 30.0 | 64 | + 0 | 6.0 | +0.1 | 25.8 | 0 | 24 | 7 | 00 | 0 | 1 | 0 | 0 | 11 | 19 | 0 | 0 | 0 |
| | 2030 | 80 | 999.0 | 990.0 | .. | 29.1 | 25.8 | 24.3 | 30.4 | 75 | .. | 5.1 | .. | 22.6 | 0 | 19 | 12 | 00 | 0 | 1 | 0 | 0 | 10 | 17 | 3 | 0 | 0 |
| | 2330 | 80 | 1000.2 | 991.2 | .. | 27.9 | 25.8 | 24.9 | 31.5 | 84 | .. | 3.8 | .. | 18.6 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 10 | 16 | 2 | 3 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1000.7 | 996.8 | .. | 29.0 | 25.8 | 24.4 | 30.5 | 77 | .. | 5.3 | .. | 23.5 | 0 | 21 | 9 | 00 | 1 | 0 | 0 | 2 | 25 | 0 | 2 | 1 | 0 |
| | 1130 | 35 | 1000.8 | 996.9 | .. | 31.4 | 26.1 | 23.8 | 29.3 | 65 | .. | 5.9 | .. | 25.6 | 0 | 22 | 9 | 01 | 1 | 0 | 0 | 3 | 20 | 4 | 2 | 0 | 0 |
| | 1730 | 35 | 998.1 | 994.2 | .. | 32.6 | 26.0 | 23.0 | 28.3 | 59 | .. | 1.9 | .. | 27.9 | 0 | 22 | 9 | 00 | 1 | 0 | 0 | 3 | 23 | 4 | 0 | 0 | 0 |
| New Kandla | 0830 | 14 | 1001.0 | 999.4 | +0.8 | 28.9 | 25.9 | 24.4 | 30.9 | 77 | - 6 | 6.1 | -0.4 | 22.1 | 0 | 17 | 14 | 02 | 1 | 0 | 0 | 2 | 8 | 15 | 3 | 0 | 0 |
| | 1730 | 14 | 998.5 | 996.9 | +0.6 | 31.6 | 26.3 | 23.9 | 30.0 | 65 | - 5 | 5.3 | -0.6 | 34.3 | 0 | 28 | 3 | 00 | 0 | 1 | 0 | 1 | 12 | 15 | 2 | 0 | 0 |
| Mandvi | 0830 | 9 | 1001.0 | 999.9 | +0.4 | 29.1 | 26.3 | 25.1 | 31.9 | 80 | - 7 | 6.0 | -0.3 | .. | 0[a] | 21 | 4 | 01 | 1 | 0 | 0 | 1 | 14 | 9 | 0 | 5 | 0 |
| | 1730 | 9 | 998.9 | 997.8 | +0.5 | 29.9 | 26.5 | 25.1 | 31.9 | 76 | -10 | 5.6 | -0.6 | .. | 0[b] | 27 | 0 | 00 | 0 | 0 | 0 | 2 | 18 | 9 | 0 | 2 | 0 |
| Surendranagar | 0830 | 74 | 1001.2 | 992.9 | +0.0 | 28.2 | 26.1 | 25.2 | 32.2 | 84 | + 0 | 6.4 | +0.0 | 9.2 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 2 | 4 | 20 | 3 | 1 | 0 |
| | 1730 | 74 | 997.8 | 989.6 | -0.4 | 32.5 | 26.3 | 23.5 | 29.1 | 62 | - 2 | 6.4 | -0.2 | 12.1 | 0 | 8 | 20 | 01 | 1 | 0 | 0 | 2 | 4 | 19 | 1 | 3 | 0 |
| Okha | 0530 | 7 | 999.9 | 999.1 | .. | 28.1 | 26.9 | 26.3 | 34.4 | 90 | .. | 4.1 | .. | 24.4 | 0 | 22 | 9 | 02 | 0 | 0 | 0 | 1 | 17 | 9 | 2 | 0 | 0 |
| | 0830 | 7 | 1001.2 | 1000.4 | .. | 28.7 | 27.2 | 26.6 | 34.8 | 88 | .. | 5.7 | .. | 27.2 | 0 | 26 | 5 | 02 | 0 | 0 | 0 | 2 | 13 | 11 | 3 | 0 | 0 |
| | 1130 | 7 | 1001.8 | 1001.0 | .. | 29.9 | 27.7 | 26.9 | 35.2 | 84 | .. | 5.5 | .. | 27.9 | 0 | 26 | 5 | 03 | 0 | 0 | 0 | 0 | 12 | 13 | 3 | 0 | 0 |
| | 1730 | 7 | 999.5 | 998.7 | .. | 29.7 | 27.6 | 26.8 | 35.0 | 85 | .. | 5.5 | .. | 26.8 | 0 | 24 | 7 | 01 | 0 | 0 | 0 | 0 | 13 | 16 | 1 | 0 | 0 |
| | 2330 | 7 | 1001.4 | 1000.6 | .. | 28.2 | 26.9 | 26.2 | 34.2 | 90 | .. | 3.6 | .. | 23.5 | 0 | 19 | 12 | 01 | 0 | 0 | 0 | 1 | 18 | 9 | 2 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 999.5 | 997.2 | .. | 26.4 | 25.7 | 25.5 | 32.4 | 95 | .. | 4.1 | .. | 17.2 | 0 | 13 | 18 | 01 | 0 | 0 | 0 | 4 | 21 | 4 | 1 | 0 | 0 |
| | 0830 | 20 | 1000.5 | 998.2 | -0.5 | 28.2 | 26.6 | 25.9 | 33.4 | 87 | + 5 | 5.1 | -1.1 | 22.2 | 0 | 21 | 8 | 00 | 0 | 0 | 0 | 3 | 15 | 9 | 2 | 2 | 0 |
| | 1130 | 20 | 1000.7 | 998.5 | .. | 30.8 | 27.3 | 25.8 | 33.4 | 76 | .. | 6.0 | .. | 25.4 | 0 | 24 | 6 | 02 | 1 | 0 | 0 | 0 | 5 | 19 | 3 | 1 | 0 |
| | 1730 | 20 | 998.3 | 996.1 | -0.2 | 30.8 | 27.3 | 25.9 | 33.4 | 76 | + 4 | 5.4 | -0.8 | 28.2 | 0 | 27 | 2 | 00 | 1 | 0 | 0 | 0 | 5 | 18 | 5 | 2 | 0 |
| | 2330 | 20 | 1000.6 | 998.3 | .. | 27.3 | 25.9 | 25.3 | 32.2 | 89 | .. | 4.0 | .. | 20.0 | 0 | 18 | 11 | 00 | 0 | 0 | 0 | 0 | 15 | 13 | 1 | 2 | 0 |
| Dwarka | 0830 | 11 | 1001.1 | 999.8 | -0.1 | 28.8 | .. | .. | .. | . | .. | 6.0 | -1.1 | 23.8 | 0 | 24 | 7 | 01 | 0 | 0 | 0 | 1 | 8 | 21 | 0 | 0 | 0 |
| | 1730 | 11 | 999.2 | 997.9 | -0.2 | 29.6 | .. | .. | .. | . | .. | 6.0 | -0.8 | 21.9 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | 1 | 0 |
| Rajkot | 0530 | 138 | 999.8 | 984.4 | .. | 25.8 | 24.6 | 24.0 | 30.0 | 90 | .. | 4.0 | .. | 16.9 | 0 | 15 | 13 | 00 | 1 | 0 | 0 | 2 | 17 | 7 | 1 | 3 | 0 |
| | 0830 | 138 | 1001.2 | 985.9 | +0.0 | 27.3 | 25.7 | 25.1 | 31.7 | 87 | + 2 | 4.2 | -2.1 | 24.6 | 0 | 23 | 7 | 01 | 0 | 0 | 0 | 1 | 17 | 8 | 3 | 1 | 0 |
| | 1130 | 138 | 1001.1 | 985.8 | .. | 30.6 | 26.6 | 24.8 | 31.5 | 72 | .. | 4.3 | .. | 26.6 | 0 | 25 | 3 | 00 | 0 | 0 | 0 | 0 | 7 | 13 | 7 | 3 | 1 |
| | 1430 | 138 | 999.2 | 984.1 | .. | 32.3 | 27.0 | 24.7 | 31.1 | 65 | .. | 4.4 | .. | 29.5 | 0 | 24 | 7 | 00 | 2 | 0 | 0 | 1 | 7 | 12 | 9 | 0 | 0 |
| | 1730 | 138 | 998.2 | 983.0 | -0.3 | 31.1 | 26.2 | 24.1 | 30.0 | 68 | + 0 | 4.7 | -2.0 | 32.5 | 0 | 25 | 6 | 01 | 0 | 1 | 0 | 1 | 9 | 10 | 9 | 0 | 0 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1001.9 | 1000.7 | -0.3 | 28.6 | 25.6 | 24.2 | 30.4 | 78 | + 1 | 5.6 | -0.8 | 17.1 | 0 | 10 | 20 | 00 | 0 | 0 | 0 | 2 | 15 | 10 | 3 | 1 | 0 |
| | 1130 | 11 | 1002.0 | 1000.8 | .. | 31.6 | 25.9 | 23.3 | 28.6 | 63 | .. | 6.3 | .. | 18.5 | 0 | 14 | 15 | 01 | 0 | 1 | 0 | 2 | 11 | 10 | 4 | 2 | 0 |
| | 1730 | 11 | 998.8 | 997.6 | -0.6 | 31.9 | 26.2 | 23.6 | 29.3 | 65 | + 1 | 6.5 | -0.3 | 25.6 | 0 | 20 | 10 | 00 | 0 | 0 | 2 | 10 | 11 | 6 | 0 | 1 | 1 |
| Porbander Aerodrome | 0830 | 7 | 1001.6 | 1000.8 | +0.1 | 28.2 | 26.2 | 25.3 | 32.4 | 84 | - 4 | 5.4 | -1.4 | 16.4 | 0 | 14 | 17 | 02 | 0 | 1 | 1 | 1 | 14 | 7 | 5 | 0 | 0 |
| | 1130 | 7 | 1002.1 | 1001.3 | .. | 29.5 | 26.6 | 25.4 | 32.4 | 79 | .. | 5.4 | .. | 20.1 | 0 | 19 | 12 | 01 | 0 | 1 | 1 | 1 | 18 | 7 | 2 | 0 | 0 |
| | 1730 | 7 | 999.7 | 998.9 | -0.4 | 29.4 | 26.5 | 25.2 | 32.2 | 79 | - 6 | 5.1 | -2.2 | 21.7 | 0 | 22 | 9 | 01 | 0 | 0 | 0 | 2 | 19 | 8 | 1 | 0 | 0 |
| Keshod | 0830 | 51 | 1001.8 | 996.0 | +0.3 | 27.9 | 25.7 | 24.7 | 31.1 | 84 | - 2 | 5.8 | -0.6 | 15.0 | 0 | 10 | 20 | 00 | 0 | 1 | 1 | 3 | 10 | 12 | 3 | 1 | 0 |
| | 1130 | 51 | 1002.1 | 996.3 | .. | 29.7 | 25.8 | 24.1 | 30.0 | 73 | .. | 6.4 | .. | 26.9 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 2 | 11 | 14 | 4 | 0 | 0 |
| | 1730 | 51 | 999.9 | 994.2 | +0.0 | 30.2 | 25.9 | 23.9 | 30.0 | 70 | - 9 | 5.7 | -0.9 | 28.9 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 | 0 |
| Mahuva | 0830 | 9 | 1001.9 | 1000.9 | .. | 28.1 | 25.7 | 24.8 | 31.1 | 83 | .. | 6.4 | .. | 5.0 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 2 | 6 | 18 | 2 | 2 | 0 |
| | 1730 | 9 | 999.7 | 998.7 | .. | 30.1 | 26.2 | 24.6 | 30.7 | 73 | .. | 6.4 | .. | 12.5 | 0 | 5 | 26 | 00 | 0 | 0 | 1 | 6 | 18 | 5 | 1 | 0 | 0 |
| Veraval | 0230 | 8 | 1001.0 | 1000.1 | .. | 28.1 | 26.2 | 25.4 | 32.4 | 85 | .. | 4.7 | .. | 29.0 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 11 | 16 | 3 | 1 | 0 |
| | 0530 | 8 | 1000.5 | 999.6 | .. | 27.6 | 25.9 | 25.2 | 31.9 | 86 | .. | 5.6 | .. | 27.3 | 0 | 21 | 6 | 00 | 1 | 0 | 0 | 0 | 10 | 12 | 4 | 4 | 0 |
| | 0830 | 8 | 1002.1 | 1001.2 | -0.3 | 28.2 | 26.2 | 25.3 | 32.4 | 85 | - 3 | 5.8 | -1.2 | 26.0 | 0 | 22 | 6 | 01 | 0 | 0 | 0 | 0 | 9 | 13 | 5 | 3 | 0 |
| | 1130 | 8 | 1002.6 | 1001.7 | .. | 29.4 | 26.6 | 25.5 | 32.4 | 80 | .. | 5.4 | .. | 29.5 | 0 | 24 | 6 | 01 | 0 | 0 | 0 | 1 | 11 | 14 | 3 | 1 | 0 |
| | 1430 | 8 | 1001.4 | 1000.5 | .. | 29.8 | 26.9 | 25.6 | 33.0 | 78 | .. | 5.4 | .. | 28.4 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 11 | 19 | 1 | 0 | 0 |
| | 1730 | 8 | 1000.2 | 999.3 | -0.2 | 29.0 | 26.5 | 25.5 | 32.6 | 82 | - 7 | 5.7 | -0.9 | 28.9 | 0 | 26 | 5 | 01 | 0 | 0 | 0 | 1 | 10 | 16 | 3 | 0 | 0 |
| | 2030 | 8 | 1001.2 | 1000.3 | .. | 28.4 | 26.3 | 25.4 | 32.6 | 84 | .. | 5.5 | .. | 28.4 | 0 | 25 | 6 | 01 | 0 | 0 | 0 | 0 | 12 | 14 | 4 | 0 | 0 |
| | 2330 | 8 | 1002.1 | 1001.2 | .. | 28.2 | 26.2 | 25.4 | 32.4 | 85 | .. | 5.4 | .. | 28.9 | 0 | 25 | 6 | 01 | 0 | 0 | 0 | 0 | 10 | 16 | 4 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1003.8 | 1003.3 | +0.4 | 28.7 | 26.1 | 25.0 | 31.7 | 81 | -10 | 6.3 | -1.0 | 19.1 | 0 | 11 | 18 | 00 | 1 | 2 | 1 | 4 | 10 | 9 | 2 | 2 | 0 |
| | 1730 | 5 | 1002.0 | 1001.5 | +0.3 | 29.0 | 26.3 | 25.2 | 31.9 | 80 | - 6 | 5.3 | -1.5 | 17.2 | 0 | 15 | 16 | 00 | 0 | 0 | 0 | 3 | 16 | 10 | 2 | 0 | 0 |
| Bombay (Sánta Cruz) | 0230 | 14 | 1002.5 | 1000.9 | .. | 26.9 | 25.5 | 24.9 | 31.5 | 89 | .. | 6.2 | .. | 14.3 | 0 | 9 | 17 | 00 | 0 | 0 | 3 | 0 | 7 | 13 | 3 | 5 | 0 |
| | 0530 | 14 | 1002.2 | 1000.6 | .. | 26.6 | 25.2 | 24.6 | 30.9 | 89 | .. | 6.5 | .. | 14.4 | 0 | 9 | 17 | 00 | 0 | 0 | 2 | 1 | 8 | 12 | 3 | 5 | 0 |
| | 0830 | 14 | 1003.7 | 1002.1 | -0.7 | 27.2 | 25.5 | 24.7 | 31.1 | 86 | + 0 | 7.1 | -0.3 | 14.6 | 0 | 20 | 7 | 02 | 0 | 0 | 1 | 1 | 6 | 14 | 3 | 4 | 0 |
| | 1130 | 14 | 1004.1 | 1002.5 | .. | 28.7 | 26.0 | 24.8 | 31.5 | 80 | .. | 7.1 | .. | 17.9 | 0 | 13 | 17 | 02 | 0 | 0 | 1 | 0 | 9 | 14 | 4 | 1 | 0 |
| | 1430 | 14 | 1002.9 | 1001.3 | .. | 28.6 | 25.9 | 24.8 | 31.1 | 80 | .. | 6.8 | .. | 20.6 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 0 | 7 | 15 | 9 | 0 | 0 |
| | 1730 | 14 | 1001.9 | 1000.2 | -0.9 | 28.3 | 25.7 | 24.6 | 30.9 | 81 | - 1 | 7.1 | -0.2 | 18.7 | 0 | 14 | 17 | 01 | 0 | 0 | 0 | 0 | 5 | 19 | 6 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KONKAN (INCLUDING GOA) (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Santacruz) (contd.) | 2030 | 14 | 1003.0 | 1001.4 | .. | 27.6 | 25.6 | 24.8 | 31.1 | 85 | .. | 6.6 | .. | 14.5 | 0 | 11 | 17 | 00 | 0 | 0 | 0 | 0 | 7 | 18 | 3 | 3 | 0 |
| | 2330 | 14 | 1003.8 | 1002.1 | .. | 27.3 | 25.5 | 24.8 | 31.1 | 87 | .. | 6.1 | .. | 12.8 | 0 | 10 | 16 | 01 | 0 | 1 | 0 | 0 | 8 | 12 | 4 | 5 | 0 |
| Bombay | 0830 | 11 | 1003.8 | 1002.6 | -0.5 | 27.7 | 25.9 | 25.1 | 31.9 | 86 | + 1 | 6.6 | -0.6 | 14.1 | 0 | 6 | 25 | 01 | 0 | 1 | 1 | 1 | 4 | 20 | 2 | 0 | 1 |
| | 1130 | 11 | 1004.3 | 1003.1 | .. | 28.8 | 26.4 | 25.4 | 32.4 | 83 | .. | 6.7 | .. | 12.6 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 1 | 6 | 19 | 2 | 1 | 1 |
| | 1730 | 11 | 1002.0 | 1000.8 | -0.8 | 28.2 | 25.9 | 24.9 | 31.5 | 83 | - 2 | 6.8 | -0.5 | 14.3 | 0 | 8 | 23 | 01 | 0 | 0 | 0 | 0 | 7 | 20 | 3 | 0 | 0 |
| Alibag | 0830 | 7 | 1003.5 | 1002.7 | -1.4 | 27.7 | 26.2 | 25.5 | 32.6 | 88 | + 1 | 6.9 | -0.3 | 16.8 | 0 | 14 | 15 | 00 | 1 | 2 | 2 | 3 | 8 | 3 | 5 | 2 | 5 |
| Bhira | 0830 | 96 | 1003.8 | 993.0 | .. | 25.7 | 24.7 | 24.2 | 30.4 | 92 | .. | 7.2 | .. | 2.8 | 0 | 0 | 20 | 00 | 0 | 3 | 9 | 4 | 3 | 1 | 0 | 11 | 0 |
| | 1730 | 96 | 1001.9 | 991.2 | .. | 26.7 | 24.9 | 24.1 | 30.0 | 86 | .. | 7.6 | .. | 1.7 | 0 | 0 | 19 | 00 | 1 | 0 | 2 | 1 | 13 | 2 | 0 | 12 | 0 |
| Harnai | 0830 | 20 | 1004.4 | 1002.1 | -0.8 | 27.1 | 25.7 | 25.2 | 31.9 | 90 | + 1 | 7.4 | +0.3 | 19.2 | 0 | 15 | 16 | 02 | 1 | 4 | 1 | 1 | 3 | 11 | 7 | 0 | 1 |
| | 1730 | 20 | 1002.9 | 1000.6 | -0.9 | 27.7 | 26.1 | 25.2 | 32.4 | 88 | + 1 | 7.5 | +0.4 | 25.9 | 0 | 22 | 8 | 01 | 0 | 0 | 0 | 0 | 2 | 18 | 8 | 1 | 1 |
| Ratnagiri | 0830 | 35 | 1005.1 | 1001.1 | -0.9 | 26.9 | 25.5 | 24.9 | 31.5 | 89 | + 0 | 6.3 | -0.7 | 13.5 | 0 | 8 | 22 | 00 | 1 | 4 | 3 | 0 | 6 | 12 | 4 | 1 | 0 |
| | 1730 | 35 | 1003.2 | 999.3 | -1.2 | 27.8 | 25.9 | 25.1 | 31.9 | 86 | + 0 | 6.7 | -0.5 | 21.5 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 6 | 17 | 8 | 0 | 0 |
| Devgarh | 0830 | 36 | 1005.0 | 1001.0 | -1.2 | 26.7 | 25.5 | 25.1 | 31.7 | 91 | + 1 | 6.8 | -0.4 | 27.7 | 0 | 24 | 7 | 01 | 1 | 2 | 2 | 0 | 1 | 15 | 9 | 0 | 0 |
| | 1730 | 36 | 1003.6 | 999.6 | -1.1 | 27.7 | 26.3 | 25.8 | 33.0 | 89 | + 1 | 7.0 | -0.3 | 30.7 | 0 | 27 | 4 | 01 | 0 | 0 | 0 | 1 | 1 | 17 | 11 | 0 | 0 |
| Vengurla | 0230 | 9 | 1005.0 | 1004.0 | .. | 25.8 | 24.8 | 24.3 | 30.5 | 92 | .. | 6.9 | .. | 4.9 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 1 | 8 | 8 | 5 | 9 | 0 |
| | 0530 | 9 | 1004.4 | 1003.4 | .. | 25.7 | 24.7 | 24.3 | 30.4 | 92 | .. | 7.0 | .. | 5.7 | 0 | 0 | 22 | 03 | 0 | 1 | 0 | 0 | 6 | 12 | 0 | 9 | 0 |
| | 0830 | 9 | 1006.0 | 1005.0 | -1.0 | 26.5 | 25.2 | 24.6 | 31.1 | 90 | + 0 | 6.8 | -0.6 | 5.3 | 0 | 0 | 26 | 05 | 0 | 1 | 0 | 1 | 6 | 9 | 4 | 5 | 0 |
| | 1130 | 9 | 1006.4 | 1005.4 | .. | 27.7 | 25.8 | 25.1 | 31.5 | 86 | .. | 6.8 | .. | 7.7 | 0 | 2 | 28 | 03 | 0 | 1 | 0 | 1 | 10 | 11 | 4 | 1 | 0 |
| | 1730 | 9 | 1004.3 | 1003.3 | -1.1 | 27.2 | 25.5 | 24.8 | 31.1 | 87 | + 0 | 7.4 | -0.2 | 7.4 | 0 | 0 | 29 | 00 | 1 | 1 | 0 | 1 | 5 | 16 | 5 | 2 | 0 |
| | 2330 | 9 | 1006.3 | 1005.3 | .. | 25.9 | 24.9 | 24.5 | 30.7 | 92 | .. | 7.3 | .. | 6.0 | 0 | 0 | 25 | 02 | 0 | 0 | 0 | 1 | 9 | 7 | 6 | 6 | 0 |
| Panjim | 0530 | 60 | 1004.3 | 997.4 | .. | 25.5 | 24.5 | 24.0 | 29.8 | 92 | .. | 6.7 | .. | 12.5 | 0 | 5 | 23 | 02 | 2 | 3 | 1 | 0 | 2 | 14 | 4 | 3 | 0 |
| | 0830 | 60 | 1005.8 | 998.9 | .. | 26.1 | 24.7 | 24.2 | 30.0 | 89 | .. | 7.2 | .. | 14.8 | 0 | 10 | 19 | 01 | 3 | 1 | 2 | 0 | 3 | 10 | 9 | 2 | 0 |
| | 1130 | 60 | 1006.2 | 999.5 | .. | 27.6 | 25.4 | 24.5 | 30.5 | 83 | .. | 7.0 | .. | 14.1 | 0 | 7 | 22 | 02 | 0 | 0 | 0 | 0 | 3 | 17 | 7 | 2 | 0 |
| | 1430 | 60 | 1004.9 | 998.1 | .. | 27.8 | 25.5 | 24.5 | 30.7 | 83 | .. | 6.9 | .. | 18.7 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 1 | 3 | 19 | 8 | 0 | 0 |
| | 1730 | 60 | 1004.0 | 997.2 | .. | 27.1 | 25.1 | 24.2 | 30.2 | 84 | .. | 7.3 | .. | 17.9 | 0 | 15 | 16 | 02 | 1 | 0 | 0 | 0 | 2 | 19 | 7 | 0 | 0 |
| | 2030 | 60 | 1005.4 | 998.6 | .. | 26.1 | 24.7 | 24.0 | 30.0 | 89 | .. | 7.0 | .. | 15.3 | 0 | 6 | 25 | 02 | 1 | 0 | 0 | 1 | 8 | 10 | 9 | 0 | 0 |
| | 2330 | 60 | 1006.2 | 999.4 | .. | 25.6 | 24.3 | 23.8 | 29.3 | 90 | .. | 6.9 | .. | 12.3 | 0 | 5 | 24 | 01 | 3 | 1 | 0 | 0 | 4 | 12 | 8 | 2 | 0 |
| Mormugao | 0530 | 62 | 1003.6 | 996.7 | .. | 26.4 | 25.0 | 24.4 | 30.5 | 89 | .. | 6.7 | .. | 25.7 | 0 | 24 | 7 | 02 | 1 | 0 | 2 | 0 | 11 | 12 | 3 | 0 | 0 |
| | 0830 | 62 | 1005.1 | 998.2 | -1.8 | 26.7 | 25.2 | 24.5 | 30.7 | 88 | + 2 | 7.2 | +0.8 | 23.5 | 0 | 20 | 10 | 03 | 0 | 0 | 2 | 0 | 11 | 13 | 1 | 1 | 0 |
| | 1130 | 62 | 1005.6 | 998.6 | .. | 27.4 | 25.5 | 24.7 | 31.1 | 85 | .. | 6.9 | .. | 21.8 | 0 | 18 | 13 | 01 | 0 | 0 | 1 | 1 | 10 | 15 | 3 | 0 | 0 |
| | 1730 | 62 | 1003.5 | 996.6 | -1.7 | 27.0 | 25.3 | 24.5 | 30.7 | 87 | - 1 | 7.4 | +0.8 | 25.6 | 0 | 24 | 7 | 01 | 0 | 0 | 0 | 3 | 7 | 17 | 3 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1004.6 | 998.7 | .. | 25.8 | 24.8 | 24.3 | 30.5 | 91 | .. | 7.0 | .. | 17.5 | 0 | 8 | 20 | 01 | 2 | 0 | 0 | 0 | 1 | 17 | 7 | 3 | 0 |
| | 0830 | 52 | 1006.0 | 1000.2 | .. | 26.3 | 25.0 | 24.5 | 30.7 | 90 | .. | 7.0 | .. | 19.2 | 0 | 13 | 14 | 01 | 1 | 0 | 0 | 1 | 1 | 12 | 11 | 4 | 0 |
| | 1130 | 52 | 1006.5 | 1000.7 | .. | 27.5 | 25.6 | 24.7 | 31.1 | 85 | .. | 6.9 | .. | 21.9 | 0 | 16 | 14 | 01 | 0 | 0 | 0 | 0 | 3 | 14 | 12 | 1 | 0 |
| | 1730 | 52 | 1004.3 | 998.5 | .. | 27.4 | 25.4 | 24.5 | 30.7 | 85 | .. | 7.4 | .. | 25.0 | 0 | 9 | 21 | 02 | 0 | 0 | 0 | 0 | 2 | 13 | 13 | 1 | 0 |
| | 2330 | 52 | 1006.5 | 1000.7 | .. | 26.0 | 24.8 | 24.2 | 30.4 | 88 | .. | 7.2 | .. | 16.2 | 0 | 3 | 27 | 05 | 0 | 0 | 0 | 0 | 1 | 12 | 12 | 1 | 0 |
| MADHYA MAHARASHTRA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1001.9 | 978.8 | +0.0 | 26.2 | 24.2 | 23.3 | 28.6 | 84 | - 3 | 2.8 | -4.3 | 8.6 | 0 | 3 | 26 | 00 | 0 | 0 | 0 | 0 | 19 | 8 | 2 | 2 | 0 |
| | 1730 | 206 | 999.0 | 976.2 | -0.2 | 29.9 | 24.8 | 22.1 | 27.3 | 67 | -10 | 2.8 | -4.5 | 8.8 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 18 | 8 | 3 | 1 | 0 |
| Jalgaon | 0830 | 201 | 1002.0 | 979.5 | -0.3 | 26.5 | 24.4 | 23.3 | 28.9 | 84 | - 1 | 6.9 | +0.8 | 15.4 | 0 | 7 | 23 | 00 | 0 | 0 | 1 | 2 | 3 | 16 | 8 | 1 | 0 |
| | 1730 | 201 | 998.1 | 976.0 | -1.1 | 32.1 | 24.8 | 21.1 | 25.3 | 58 | - 7 | 6.8 | +0.4 | 26.6 | 0 | 23 | 8 | 03 | 0 | 0 | 0 | 0 | 3 | 14 | 11 | 0 | 0 |
| Malegaon | 0830 | 437 | 1001.8 | 953.5 | -0.8 | 25.7 | 23.1 | 21.7 | 26.1 | 79 | + 3 | 6.6 | -0.3 | 7.7 | 0 | 0 | 30 | 04 | 0 | 1 | 0 | 1 | 4 | 14 | 6 | 1 | 0 |
| | 1730 | 437 | 998.5 | 950.9 | -0.9 | 28.7 | 23.7 | 20.9 | 25.2 | 66 | + 0 | 6.8 | -0.1 | 14.4 | 0 | 0 | 31 | 02 | 2 | 0 | 1 | 0 | 3 | 14 | 9 | 0 | 0 |
| Ozar | 0830 | 608 | 1002.5 | 935.9 | .. | 24.8 | 22.6 | 21.6 | 25.8 | 83 | .. | 6.7[d] | .. | 26.3[d] | 0 | 18 | 9 | 00 | 0 | 0 | 0 | 0 | 4 | 19 | 4 | 0 | 0 |
| | 1130[d] | 608 | 1002.1 | 936.1 | .. | 27.3 | 23.3 | 21.4 | 25.6 | 73 | .. | 6.8 | .. | 28.0 | 0 | 21 | 6 | 01 | 1 | 0 | 0 | 0 | 4 | 16 | 5 | 0 | 0 |
| | 1730 | 608 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ahmadnagar | 0830 | 657 | 1003.2 | 931.3 | -0.3 | 24.2 | 22.0 | 20.9 | 24.9 | 82 | + 3 | 6.9 | +0.4 | 7.8 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 1 | 13 | 8 | 7 | 2 | 0 |
| | 1730 | 657 | 999.6 | 928.7 | -0.9 | 27.8 | 22.3 | 19.6 | 22.9 | 65 | + 1 | 7.5 | +0.7 | 14.3 | 0 | 5 | 25 | 00 | 2 | 0 | 0 | 0 | 10 | 5 | 12 | 1 | 1 |
| Poona (Aerodrome) | 0230 | 593 | 1003.0 | 937.5 | .. | 22.7 | 21.7 | 21.3 | 25.2 | 91 | .. | 6.3 | .. | 11.2 | 0 | 4 | 16 | 00 | 0 | 0 | 0 | 0 | 11 | 9 | 0 | 11 | 0 |
| | 0530 | 593 | 1002.5 | 936.9 | .. | 22.3 | 21.5 | 21.0 | 25.0 | 92 | .. | 6.4 | .. | 10.3 | 0 | 5 | 16 | 00 | 0 | 0 | 0 | 0 | 10 | 11 | 0 | 10 | 0 |
| | 0830 | 593 | 1003.5 | 938.2 | .. | 23.8 | 22.1 | 21.3 | 25.3 | 86 | .. | 6.7 | .. | 13.5 | 0 | 10 | 11 | 00 | 0 | 0 | 0 | 0 | 10 | 11 | 0 | 10 | 0 |
| | 1130 | 593 | 1003.1 | 938.4 | .. | 26.8 | 22.8 | 21.0 | 24.9 | 71 | .. | 6.5 | .. | 21.3 | 0 | 19 | 11 | 00 | 1 | 0 | 0 | 0 | 15 | 13 | 1 | 1 | 0 |
| | 1730 | 593 | 1001.1 | 936.2 | .. | 25.3 | 22.3 | 20.8 | 24.7 | 77 | .. | 7.1 | .. | 27.8 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 0 | 0 |
| | 2330 | 593 | 1003.9 | 938.4 | .. | 23.0 | 21.7 | 21.0 | 25.0 | 88 | .. | 6.1 | .. | 15.1 | 0 | 13 | 10 | 00 | 0 | 0 | 0 | 0 | 16 | 7 | 0 | 8 | 0 |
| Poona | 0530 | 559 | 1002.5 | 940.7 | .. | 23.0 | 21.6 | 20.9 | 24.7 | 88 | .. | 6.6 | .. | 7.0 | 0 | 1 | 17 | 00 | 0 | 0 | 0 | 0 | 1 | 17 | 0 | 13 | 0 |
| | 0830 | 559 | 1003.6 | 942.1 | -0.4 | 24.3 | 22.2 | 21.2 | 25.3 | 83 | + 0 | 7.0 | -0.1 | 8.1 | 0 | 1 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 22 | 1 | 6 | 0 |
| | 1130 | 559 | 1003.3 | 942.3 | .. | 27.1 | 23.0 | 21.1 | 25.0 | 71 | .. | 6.7 | .. | 12.8 | 0 | 5 | 25 | 00 | 0 | 0 | 0 | 1 | 1 | 26 | 2 | 1 | 0 |
| | 1430 | 559 | 1001.5 | 940.7 | .. | 27.7 | 23.0 | 20.8 | 24.7 | 68 | .. | 7.1 | .. | 14.6 | 0 | 5 | 26 | 01 | 0 | 1 | 0 | 0 | 2 | 26 | 1 | 0 | 0 |
| | 1730 | 559 | 1001.2 | 940.0 | -0.9 | 25.8 | 22.4 | 20.7 | 24.6 | 75 | - 4 | 7.3 | +0.1 | 13.6 | 0 | 4 | 27 | 01 | 0 | 0 | 0 | 0 | 3 | 26 | 1 | 0 | 0 |
| | 2030 | 559 | 1003.2 | 941.6 | .. | 24.1 | 21.9 | 20.9 | 24.7 | 82 | .. | 6.5 | .. | 10.6 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 0 | 2 | 27 | 0 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA MAHARASHTRA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poona (contd.) | 2330 | 559 | 1003.9 | 942.2 | .. | 23.6 | 21.7 | 20.8 | 24.6 | 84 | .. | 6.2 | .. | 8.2 | 0 | 2 | 22 | 00 | 0 | 0 | 0 | 0 | 1 | 23 | 0 | 7 | 0 |
| Jeur | 0830 | 521 | 1003.3 | 945.9 | -0.7 | 25.0 | 22.8 | 21.8 | 26.1 | 82 | + 1 | 6.2 | +0.5 | 11.1 | 0 | 1 | 30 | 01 | 0 | 0 | 0 | 1 | 4 | 16 | 9 | 0 | 0 |
| | 1730 | 521 | 999.4 | 943.0 | -0.9 | 29.5 | 23.2 | 20.3 | 23.8 | 57 | - 6 | 6.8 | +0.4 | 20.6 | 0 | 17 | 14 | 02 | 1 | 0 | 0 | 1 | 1 | 17 | 9 | 0 | 0 |
| Baramati | 0830 | 551 | 1003.5 | 942.9 | -0.6 | 24.9 | 23.2 | 22.4 | 27.3 | 86 | + 5 | 6.1 | -0.4 | 12.8 | 0 | 7 | 24 | 05 | 0 | 0 | 0 | 0 | 3 | 17 | 6 | 0 | 0 |
| | 1730 | 551 | 1000.3 | 940.5 | -0.8 | 27.8 | 24.3 | 22.9 | 27.9 | 76 | + 8 | 6.8 | -0.1 | 19.7 | 0 | 20 | 11 | 01 | 0 | 1 | 1 | 1 | 3 | 21 | 3 | 0 | 0 |
| Sholapur | 0530 | 479 | 1003.0 | 949.8 | .. | 23.3 | 21.9 | 21.2 | 25.2 | 88 | .. | 5.8 | .. | 3.5 | 0 | 0 | 21 | 01 | 0 | 0 | 1 | 0 | 9 | 10 | 0 | 10 | 0 |
| | 0830 | 479 | 1004.1 | 951.2 | -0.5 | 25.1 | 22.7 | 21.6 | 25.8 | 82 | + 3 | 6.1 | -0.1 | 6.5 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 15 | 14 | 0 | 2 | 0 |
| | 1130 | 479 | 1003.2 | 951.0 | .. | 28.8 | 23.8 | 21.6 | 25.8 | 67 | .. | 6.5 | .. | 10.1 | 0 | 1 | 28 | 05 | 0 | 0 | 0 | 0 | 12 | 12 | 0 | 2 | 0 |
| | 1430 | 479 | 1000.6 | 948.8 | .. | 30.5 | 24.0 | 21.0 | 25.0 | 59 | .. | 6.8 | .. | 11.5 | 0 | 5 | 26 | 02 | 1 | 1 | 2 | 0 | 8 | 15 | 2 | 0 | 0 |
| | 1730 | 479 | 1000.1 | 948.0 | -0.8 | 29.0 | 23.2 | 20.4 | 24.1 | 64 | + 3 | 7.2 | +0.4 | 7.1 | 0 | 0 | 31 | 02 | 1 | 1 | 0 | 1 | 18 | 6 | 2 | 0 | 0 |
| | 2330 | 479 | 1003.8 | 950.9 | .. | 24.9 | 22.3 | 21.1 | 25.0 | 81 | .. | 5.8 | .. | 6.6 | 0 | 0 | 25 | 00 | 0 | 0 | 1 | 0 | 13 | 9 | 2 | 6 | 0 |
| Miraj | 0830 | 554 | 1005.1 | 943.9 | -0.5 | 23.9 | 22.2 | 21.4 | 25.6 | 85 | - 2 | 6.8 | +1.2 | .. | 0E | 0 | 21 | 00E | 0 | 0 | 0 | 0 | 0 | 19 | 2 | 10 | 0 |
| | 1730 | 554 | 1002.7 | 942.1 | -0.4 | 25.8 | 22.5 | 20.8 | 24.7 | 75 | - 1 | 7.2 | +0.3 | .. | 0E | 0 | 25 | 00E | 0 | 0 | 0 | 0 | 1 | 23 | 1 | 6 | 0 |
| Kolhapur | 0530 | 570 | 1003.6 | 940.5 | .. | 22.0 | 21.3 | 21.1 | 24.7 | 95 | .. | 6.5 | .. | .. | 0E | 0 | 23 | 00E | 0 | 0 | 0 | 0 | 0 | 18 | 5 | 8 | 0 |
| | 0830 | 570 | 1004.7 | 941.7 | -0.8 | 23.0 | 22.1 | 21.7 | 25.9 | 92 | + 2 | 6.5 | -0.6 | .. | 0E | 0 | 27 | 00E | 0 | 0 | 0 | 1 | 7 | 13 | 6 | 4 | 0 |
| | 1130 | 570 | 1004.6 | 942.2 | .. | 25.5 | 23.1 | 21.9 | 26.4 | 82 | .. | 6.5 | .. | .. | 0E | 0 | 29 | 01E | 0 | 0 | 0 | 0 | 3 | 13 | 12 | 2 | 0 |
| | 1730 | 570 | 1002.6 | 940.0 | -0.8 | 24.4 | 22.5 | 21.6 | 25.9 | 86 | + 3 | 7.0 | -0.1 | .. | 0E | 5 | 26 | 00E | 0 | 0 | 1 | 0 | 4 | 15 | 11 | 0 | 0 |
| | 2330 | 570 | 1005.1 | 942.1 | .. | 22.7 | 21.8 | 21.4 | 25.3 | 92 | .. | 5.2 | .. | .. | 0E | 0 | 30 | 01E | 0 | 0 | 0 | 0 | 1 | 27 | 1 | 1 | 0 |
| Udgiri | 0830 | | .. | .. | .. | 20.8 | 20.4 | 20.2 | 23.7 | 97 | .. | 7.0 | .. | 18.3 | 0 | 14 | 17 | 01 | 1 | 0 | 1 | 1 | 4 | 14 | 9 | 0 | 0 |
| | 1730 | | .. | .. | .. | 21.0 | 20.7 | 20.5 | 24.1 | 97 | .. | 7.4 | .. | 17.8 | 0 | 13 | 18 | 01 | 0 | 0 | 0 | 0 | 9 | 18 | 3 | 0 | 0 |
| MARATHWADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1003.3 | 939.5 | -0.3 | 24.2 | 22.4 | 21.6 | 25.8 | 86 | - 1 | 6.7 | -0.5 | 10.3 | 0 | 7 | 19 | 00 | 0 | 0 | 0 | 1 | 4 | 21 | 0 | 5 | 0 |
| | 1730 | 581 | 999.1 | 936.4 | -0.6 | 28.2 | 23.3 | 20.8 | 25.0 | 69 | - 3 | 7.1 | -0.3 | 19.4 | 0 | 14 | 17 | 04 | 1 | 1 | 0 | 0 | 5 | 19 | 1 | 0 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1001.7 | 937.8 | .. | 23.1 | 21.4 | 20.6 | 24.1 | 85 | .. | 6.2 | .. | 13.4 | 0 | 5 | 22 | 00 | 0 | 0 | 0 | 0 | 1 | 24 | 2 | 4 | 0 |
| | 0530 | 579 | 1001.6 | 937.7 | .. | 22.8 | 21.2 | 20.4 | 24.0 | 87 | .. | 6.5 | .. | 11.9 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 3 | 22 | 3 | 3 | 0 |
| | 0830 | 579 | 1002.7 | 939.1 | -0.2 | 24.5 | 22.1 | 20.9 | 24.9 | 81 | - 3 | 6.6 | -0.4 | 15.1 | 0 | 4 | 26 | 01 | 0 | 1 | 0 | 0 | 4 | 22 | 2 | 1 | 0 |
| | 1130 | 579 | 1002.0 | 939.0 | .. | 27.6 | 23.0 | 20.8 | 24.7 | 68 | .. | 6.7 | .. | 18.3 | 0 | 9 | 20 | 02 | 0 | 0 | 0 | 0 | 3 | 21 | 3 | 2 | 0 |
| | 1430 | 579 | 999.5 | 937.1 | .. | 29.2 | 23.0 | 20.0 | 23.5 | 62 | .. | 7.0 | .. | 21.2 | 0 | 15 | 16 | 01 | 1 | 0 | 0 | 0 | 4 | 19 | 6 | 0 | 0 |
| | 1730 | 579 | 998.8 | 936.1 | -0.6 | 28.2 | 22.6 | 19.8 | 23.2 | 64 | - 6 | 7.3 | +0.0 | 19.0 | 0 | 13 | 17 | 01 | 1 | 0 | 2 | 0 | 2 | 20 | 4 | 1 | 0 |
| | 2030 | 579 | 1001.5 | 938.1 | .. | 25.0 | 21.8 | 20.1 | 23.8 | 77 | .. | 6.8 | .. | 18.1 | 0 | 12 | 19 | 03 | 0 | 0 | 0 | 0 | 1 | 24 | 3 | 0 | 0 |
| | 2330 | 579 | 1002.6 | 938.9 | .. | 24.0 | 21.6 | 20.3 | 24.0 | 82 | .. | 6.5 | .. | 14.9 | 0 | 8 | 19 | 00 | 0 | 0 | 0 | 0 | 2 | 23 | 2 | 4 | 0 |
| Parbhani | 0830 | 423 | 1003.1 | 956.3 | -0.5 | 25.7 | 22.8 | 21.4 | 25.3 | 78 | - 4 | 5.9 | -0.6 | 11.7 | 0 | 4 | 27 | 00 | 0 | 0 | 1 | 0 | 2 | 26 | 2 | 0 | 0 |
| | 1730 | 423 | 998.7 | 953.1 | -0.4 | 29.7 | 24.0 | 20.7 | 25.0 | 63 | - 2 | 6.6 | -0.5 | 14.4 | 0 | 8 | 23 | 03 | 0 | 0 | 1 | 0 | 3 | 19 | 5 | 0 | 0 |
| Nander | 0830 | 358 | 1002.8 | 963.1 | .. | 26.8 | 24.0 | 22.6 | 27.6 | 79 | .. | 6.5 | .. | 5.1 | 0 | 0 | 23 | 01 | 0 | 0 | 0 | 0 | 10 | 10 | 2 | 8 | 0 |
| | 1730 | 358 | 999.3 | 960.1 | .. | 30.2 | 24.3 | 21.2 | 25.6 | 63 | .. | 7.0 | .. | 6.4 | 0 | 0 | 27 | 00 | 0 | 1 | 0 | 3 | 15 | 6 | 2 | 4 | 0 |
| Bir | 0830 | 519 | 1003.9 | 946.7 | .. | 25.5 | 22.6 | 21.3 | 25.3 | 78 | .. | 3.9 | .. | 9.2 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 17 | 0 | 13 | 1 | 0 |
| | 1730 | 519 | 999.6 | 943.4 | .. | 29.2 | 23.3 | 20.4 | 24.3 | 64 | .. | 5.5 | .. | 11.8 | 0 | 2 | 29 | 00 | 6 | 0 | 0 | 0 | 14 | 0 | 11 | 0 | 0 |
| VIDARBHA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1000.4 | 966.0 | -0.9 | 27.8 | 24.8 | 23.4 | 28.8 | 79 | - 7 | 6.1 | -0.8 | 3.1 | 0 | 0 | 24 | 01 | 1 | 0 | 2 | 2 | 10 | 1 | 6 | 7 | 1 |
| | 1730 | 313 | 996.8 | 962.8 | -1.3 | 30.5 | 26.2 | 24.3 | 30.4 | 72 | - 5 | 6.3 | -0.5 | 3.0 | 0 | 0 | 27 | 08 | 1 | 2 | 1 | 5 | 7 | 2 | 1 | 4 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 998.9 | 964.6 | .. | 26.9 | 23.9 | 22.5 | 27.3 | 77 | .. | 7.4 | .. | 5.4 | 0 | 0 | 24 | 00 | 1 | 0 | 3 | 2 | 6 | 9 | 3 | 7 | 0 |
| | 0530 | 310 | 999.2 | 964.9 | .. | 26.3 | 23.8 | 22.6 | 27.4 | 82 | .. | 6.5 | .. | 8.5 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 3 | 4 | 12 | 7 | 5 | 0 |
| | 0830 | 310 | 1000.7 | 966.4 | -0.9 | 27.8 | 24.5 | 22.9 | 27.9 | 77 | - 6 | 5.7 | -1.4 | 9.5 | 0 | 1 | 28 | 00 | 0 | 1 | 0 | 5 | 5 | 10 | 8 | 2 | 0 |
| | 1130 | 310 | 1000.0 | 966.2 | .. | 30.8 | 25.2 | 22.6 | 27.4 | 66 | .. | 6.5 | .. | 11.3 | 0 | 4 | 26 | 02 | 3 | 0 | 1 | 0 | 2 | 12 | 10 | 1 | 0 |
| | 1430 | 310 | 997.6 | 964.0 | .. | 32.3 | 25.6 | 22.5 | 27.3 | 62 | .. | 6.8 | .. | 12.6 | 0 | 6 | 24 | 00 | 1 | 2 | 3 | 1 | 6 | 12 | 5 | 1 | 0 |
| | 1730 | 310 | 997.0 | 963.3 | -1.0 | 30.7 | 25.1 | 22.2 | 27.3 | 67 | - 5 | 7.1 | -0.2 | 14.1 | 0 | 7 | 23 | 01 | 1 | 1 | 1 | 3 | 5 | 10 | 8 | 1 | 0 |
| | 2030 | 310 | 999.2 | 965.0 | .. | 28.5 | 24.4 | 22.4 | 27.3 | 74 | .. | 6.5 | .. | 6.1 | 0 | 0 | 25 | 00 | 0 | 1 | 2 | 4 | 7 | 9 | 2 | 6 | 0 |
| | 2330 | 310 | 999.9 | 965.7 | .. | 27.3 | 24.2 | 22.6 | 27.6 | 79 | .. | 6.9 | .. | 6.5 | 0 | 1 | 27 | 01 | 0 | 1 | 0 | 5 | 7 | 10 | 4 | 3 | 0 |
| Amraoti | 0830 | 370 | 1001.2 | 960.3 | -0.6 | 26.3 | 23.8 | 22.6 | 27.6 | 81 | - 3 | 6.2 | -0.6 | 5.8 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 0 | 5 | 18 | 6 | 1 | 0 |
| | 1730 | 370 | 997.3 | 957.1 | -1.0 | 30.4 | 24.7 | 21.9 | 26.4 | 64 | - 5 | 6.3 | -0.8 | 5.0 | 0 | 0 | 30 | 00 | 2 | 2 | 1 | 2 | 7 | 12 | 4 | 1 | 0 |
| Akola Aerodrome | 0530 | 309 | 1000.0 | 965.5 | .. | 25.3 | 23.3 | 22.2 | 26.9 | 84 | .. | 6.6 | .. | 11.1 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 1 | 5 | 18 | 7 | 0 | 0 |
| | 0830 | 309 | 1001.0 | 966.8 | .. | 26.6 | 23.9 | 22.5 | 27.6 | 76 | .. | 6.3 | .. | 11.6 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 11 | 0 | 0 |
| | 1130 | 309 | 1000.6 | 966.7 | .. | 29.5 | 25.1 | 22.5 | 28.3 | 69 | .. | 6.9 | .. | 11.3 | 0 | 2 | 29 | 01 | 0 | 0 | 0 | 0 | 5 | 14 | 11 | 0 | 0 |
| | 1430 | 309 | 998.1 | 964.5 | .. | 31.6 | 25.1 | 21.9 | 26.6 | 54 | .. | 6.7 | .. | 13.0 | 0 | 3 | 28 | 01 | 0 | 1 | 0 | 0 | 4 | 14 | 11 | 0 | 0 |
| | 1730 | 309 | 997.1 | 963.4 | .. | 30.6 | 24.7 | 21.7 | 26.3 | 64 | .. | 6.7 | .. | 12.5 | 0 | 3 | 28 | 01 | 3 | 0 | 0 | 1 | 4 | 10 | 12 | 0 | 0 |
| | 2030 | 309 | 999.1 | 965.0 | .. | 28.3 | 24.2 | 22.1 | 26.9 | 73 | .. | 6.7 | .. | 12.5 | 0 | 6 | 25 | 02 | 0 | 1 | 1 | 1 | 4 | 11 | 11 | 0 | 0 |
| | 2330 | 309 | 1000.3 | 966.1 | .. | 27.2 | 23.9 | 22.3 | 27.1 | 75 | .. | 6.6 | .. | 11.8 | 0 | 3 | 26 | 00 | 0 | 0 | 0 | 2 | 10 | 8 | 9 | 2 | 0 |
| Akola | 0830 | 282 | 1001.6 | 970.3 | -0.3 | 28.8 | 24.1 | 22.8 | 27.8 | 80 | - 1 | 6.0 | -0.2 | 2.6 | 0 | 0 | 25 | 00 | 0 | 0 | 1 | 0 | 1 | 22 | 1 | 6 | 0 |
| | 1730 | 282 | 997.3 | 996.6 | +9.1 | 31.1 | 25.1 | 22.2 | 26.9 | 63 | - 5 | 6.5 | +0.2 | 2.9 | 0 | 0 | 30 | 00 | 4 | 0 | 1 | 0 | 12 | 9 | 4 | 1 | 0 |
| Bramhapuri | 0830 | 229 | 1001.1 | 975.6 | -0.5 | 27.5 | 24.6 | 23.1 | 28.6 | 79 | - 8 | 5.9 | -1.3 | 6.3 | 0 | 1 | 29 | 01 | 1 | 0 | 2 | 5 | 8 | 10 | 3 | 1 | 0 |
| | 1730 | 229 | 997.4 | 972.3 | -0.9 | 31.0 | 25.5 | 22.8 | 28.3 | 67 | -10 | 5.9 | -1.1 | 11.0 | 0 | 0 | 29 | 02 | 0 | 1 | 3 | 5 | 8 | 5 | 5 | 2 | 0 |
| Buldana | 0830 | 650 | 1001.8 | 930.7 | -0.5 | 24.2 | 21.8 | 20.6 | 24.4 | 81 | - 5 | 6.5 | -0.5 | 10.3 | 0 | 5 | 21 | 00 | 0 | 0 | 0 | 0 | 7 | 3 | 16 | 5 | 0 |
| | 1730 | 650 | 997.7 | 927.8 | -1.1 | 28.3 | 22.7 | 19.7 | 23.4 | 65 | - 6 | 6.8 | -0.5 | 8.5 | 0 | 3 | 22 | 01 | 3 | 0 | 0 | 0 | 6 | 0 | 15 | 6 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| VIDARBHA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yeotmal | 0830 | 451 | 1000.9 | 951.3 | -1.0 | 26.7 | 23.4 | 21.8 | 25.9 | 76 | -10 | 6.0 | -0.8 | 17.2 | 0 | 12 | 18 | 00 | 1 | 0 | 0 | 0 | 4 | 22 | 3 | 1 | 0 |
| | 1730 | 451 | 996.9 | 948.2 | -1.3 | 29.9 | 23.9 | 20.7 | 24.7 | 64 | - 9 | 6.7 | -0.4 | 11.2 | 0 | 4 | 27 | 01 | 1 | 3 | 1 | 3 | 2 | 18 | 2 | 0 | 0 |
| Chanda | 0830 | 193 | 1001.3 | 979.8 | -0.8 | 27.5 | 24.2 | 22.8 | 27.6 | 77 | - 5 | 5.9 | -0.9 | 12.8 | 0 | 5 | 26 | 01 | 2 | 0 | 2 | 5 | 5 | 9 | 7 | 0 | 0 |
| | 1730 | 193 | 997.5 | 976.4 | -1.0 | 31.3 | 25.2 | 22.2 | 26.9 | 65 | -10 | 6.6 | -0.3 | 13.4 | 0 | 5 | 26 | 02 | 0 | 3 | 3 | 2 | 6 | 7 | 8 | 0 | 0 |
| Pusad | 0830 | 334 | 1002.6 | 965.6 | .. | 26.9 | 23.6 | 21.9 | 26.3 | 76 | .. | . | .. | 7.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 2 | 0 |
| | 1730 | 334 | .. | .. | .. | 29.9 | 24.1 | 20.8 | 25.2 | 65 | .. | . | .. | 9.3 | 0 | 3 | 27 | 00 | 6 | 0 | 1 | 0 | 20 | 0 | 3 | 1 | 0 |
| Sironcha | 0830 | 123 | 1002.3 | 988.5 | -1.0 | 27.8 | 24.8 | 23.3 | 28.8 | 79 | - 6 | 6.1 | -0.8 | 2.8 | 0 | 0 | 29 | 02 | 0 | 0 | 6 | 0 | 18 | 0 | 3 | 2 | 0 |
| | 1730 | 123 | 998.4 | 984.7 | -1.5 | 30.9 | 25.7 | 23.2 | 28.8 | 68 | - 5 | 6.9 | -0.1 | 2.1 | 0 | 0 | 26 | 00 | 0 | 3 | 7 | 1 | 9 | 0 | 6 | 5 | 0 |
| Wardha | 0830 | 283 | 1001.4 | 970.0 | .. | 27.5 | 24.0 | 22.3 | 26.9 | 76 | .. | 4.5 | .. | 8.6 | 0 | 0 | 31 | 00 | 0 | 1 | 1 | 1 | 8 | 13 | 7 | 0 | 0 |
| | 1730 | 283 | 998.6 | 967.6 | .. | 30.5 | 24.6 | 21.6 | 25.9 | 65 | .. | 5.3 | .. | 10.8 | 0 | 5 | 24 | 01 | 0 | 2 | 3 | 2 | 7 | 9 | 5 | 2 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 27.6 | 24.6 | 22.5 | 28.4 | 79 | .. | . | .. | 9.9 | 0 | 5 | 25 | 00 | 0 | 1 | 0 | 1 | 15 | 10 | 2 | 0 | 1 |
| | 1730 | | .. | .. | .. | 31.9 | 25.1 | 21.6 | 26.3 | 60 | .. | . | .. | 10.5 | 0 | 6 | 24 | 00 | 2 | 3 | 1 | 1 | 12 | 5 | 1 | 1 | 5 |
| COASTAL ANDHRA PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1001.3 | 1000.7 | -0.1 | 28.4 | 26.5 | 25.8 | 33.0 | 86 | + 3 | 5.6 | -0.8 | 14.6 | 0 | 13 | 17 | 01 | 0 | 1 | 0 | 11 | 11 | 2 | 1 | 1 | 3 |
| Vishakhapatnam | 1730 | 6 | 998.9 | 998.3 | +0.0 | 28.7 | 26.8 | 26.0 | 33.8 | 86 | + 4 | 5.2 | -1.6 | 12.2 | 0 | 6 | 25 | 01 | 0 | 0 | 0 | 8 | 11 | 0 | 2 | 0 | 9 |
| | 0230 | 3 | 1000.3 | 999.9 | .. | 27.2 | 25.3 | 24.5 | 30.7 | 85 | .. | 5.8 | .. | 8.4 | 0 | 6 | 15 | 00 | 0 | 0 | 0 | 2 | 15 | 4 | 0 | 10 | 0 |
| | 0530 | 3 | 1000.6 | 1000.2 | .. | 26.9 | 25.0 | 24.2 | 30.0 | 86 | .. | 6.3 | .. | 8.4 | 0 | 3 | 21 | 00 | 0 | 0 | 0 | 0 | 19 | 5 | 0 | 7 | 0 |
| | 0830 | 3 | 1001.7 | 1001.3 | -0.3 | 28.8 | 25.6 | 24.0 | 30.2 | 76 | - 8 | 6.9 | +0.0 | 15.3 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 21 | 9 | 0 | 1 | 0 |
| | 1130 | 3 | 1001.3 | 1000.9 | .. | 31.6 | 26.4 | 24.4 | 30.2 | 69 | .. | 6.5 | .. | 21.9 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 7 | 20 | 3 | 1 | 0 | 0 |
| | 1430 | 3 | 999.4 | 990.0 | .. | 31.3 | 26.5 | 24.4 | 30.7 | 68 | .. | 6.6 | .. | 22.3 | 0 | 21 | 8 | 00 | 1 | 0 | 1 | 7 | 17 | 1 | 1 | 2 | 1 |
| | 1730 | 3 | 999.1 | 998.8 | -0.1 | 29.7 | 25.8 | 24.4 | 30.0 | 73 | - 9 | 6.9 | -0.1 | 16.4 | 0 | 11 | 18 | 01 | 0 | 2 | 1 | 4 | 15 | 5 | 0 | 2 | 1 |
| | 2030 | 3 | 1001.0 | 1000.6 | .. | 27.9 | 25.5 | 24.4 | 30.7 | 81 | .. | 5.4 | .. | 9.9 | 0 | 4 | 24 | 01 | 0 | 2 | 0 | 3 | 17 | 4 | 1 | 3 | 0 |
| | 2330 | 3 | 1001.5 | 1001.1 | .. | 27.7 | 25.4 | 24.5 | 30.4 | 84 | .. | 5.5 | .. | 10.1 | 0 | 4 | 22 | 00 | 0 | 2 | 0 | 1 | 17 | 4 | 2 | 5 | 0 |
| Kakinada | 0830 | 8 | 1002.6 | 1001.7 | -0.6 | 27.5 | 25.9 | 25.3 | 32.2 | 87 | + 6 | 3.4 | -2.7 | 11.2 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 27 | 1 | 1 | 1 | 0 |
| | 1730 | 8 | 999.3 | 998.4 | -0.9 | 30.2 | 27.1 | 25.9 | 33.4 | 79 | + 6 | 6.4 | +0.4 | 13.2 | 0 | 2 | 29 | 00 | 0 | 0 | 7 | 2 | 21 | 0 | 1 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1002.5 | 1001.3 | -0.8 | 27.3 | 25.5 | 24.7 | 31.1 | 86 | + 0 | 6.1 | -1.2 | 9.1 | 0 | 3 | 27 | 00 | 2 | 0 | 1 | 2 | 12 | 13 | 0 | 1 | 0 |
| | 1730 | 12 | 999.5 | 998.4 | -0.7 | 30.0 | 25.8 | 23.9 | 29.8 | 73 | - 3 | 7.0 | -0.3 | 7.7 | 0 | 1 | 30 | 00 | 1 | 2 | 5 | 1 | 13 | 8 | 1 | 0 | 0 |
| Rentachintala | 0830 | 106 | 1003.0 | 991.2 | -0.8 | 28.7 | 24.4 | 22.2 | 26.9 | 70 | + 0 | 6.0 | -1.0 | 2.1 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 1 | 0 |
| | 1730 | 106 | 998.5 | 987.9 | -0.5 | 32.5 | 25.2 | 21.6 | 25.8 | 57 | + 3 | 6.7 | -0.4 | 2.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Gannavaram | 0230 | 24 | 1001.6 | 998.9 | .. | 26.7 | 25.0 | 24.3 | 30.4 | 87 | .. | 6.7 | .. | 14.2 | 0 | 9 | 19 | 00 | 0 | 1 | 1 | 5 | 10 | 10 | 1 | 3 | 0 |
| | 0530 | 24 | 1001.8 | 999.1 | .. | 26.3 | 24.7 | 24.0 | 29.8 | 87 | .. | 6.6 | .. | 10.4 | 0 | 3 | 25 | 00 | 0 | 3 | 0 | 4 | 9 | 10 | 2 | 3 | 0 |
| | 0830 | 24 | 1003.2 | 1000.5 | -0.8 | 28.3 | 25.1 | 23.7 | 29.3 | 78 | - 1 | 6.7 | +0.0 | 14.2 | 0 | 6 | 22 | 00 | 0 | 0 | 1 | 3 | 9 | 15 | 0 | 3 | 0 |
| | 1130 | 24 | 1002.6 | 999.9 | .. | 31.2 | 25.4 | 22.7 | 27.7 | 63 | .. | 6.6 | .. | 17.5 | 0 | 10 | 21 | 00 | 0 | 0 | 2 | 4 | 5 | 16 | 4 | 0 | 0 |
| | 1430 | 24 | 1000.4 | 997.7 | .. | 32.5 | 25.6 | 22.3 | 27.3 | 59 | .. | 7.0 | .. | 19.4 | 0 | 12 | 19 | 01 | 0 | 0 | 2 | 3 | 5 | 15 | 5 | 0 | 0 |
| | 1730 | 24 | 999.8 | 997.2 | -0.8 | 30.6 | 25.5 | 23.1 | 28.4 | 69 | + 4 | 7.0 | +0.3 | 14.6 | 0 | 7 | 24 | 01 | 0 | 2 | 0 | 9 | 3 | 11 | 5 | 0 | 0 |
| | 2030 | 24 | 1001.9 | 999.2 | .. | 28.5 | 25.3 | 23.8 | 29.5 | 77 | .. | 5.9 | .. | 11.0 | 0 | 4 | 24 | 00 | 0 | 3 | 2 | 8 | 4 | 9 | 2 | 3 | 0 |
| | 2330 | 24 | 1002.7 | 1000.0 | .. | 26.5 | 25.3 | 24.3 | 30.5 | 85 | .. | 6.0 | .. | 11.5 | 0 | 6 | 23 | 00 | 0 | 1 | 0 | 11 | 9 | 8 | 0 | 2 | 0 |
| Masulipatam | 0830 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ongole | 0830 | 12 | 1003.6 | 1002.3 | -0.9 | 29.9 | 26.8 | 25.5 | 32.6 | 79 | + 1 | 5.7 | -0.5 | 5.4 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 2 | 26 | 2 | 0 | 0 |
| | 1730 | 12 | 1000.2 | 998.9 | -0.9 | 32.1 | 27.4 | 25.5 | 32.6 | 71 | + 1 | 6.0 | -0.2 | 4.6 | 0 | 0 | 31 | 00 | 1 | 1 | 11 | 0 | 1 | 16 | 1 | 0 | 0 |
| Nellore | 0530 | 20 | 1003.2 | 1001.0 | .. | 27.4 | 25.3 | 24.4 | 30.4 | 84 | .. | 7.2 | .. | 2.4 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 5 | 12 | 0 | 14 | 0 |
| | 0830 | 20 | 1004.3 | 1002.1 | -0.8 | 29.7 | 26.3 | 24.8 | 31.3 | 76 | +11 | 6.9 | +0.2 | 4.5 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 1 | 10 | 16 | 0 | 4 | 0 |
| | 1130 | 20 | 1003.9 | 1001.7 | .. | 33.3 | 27.0 | 24.4 | 30.4 | 61 | .. | 6.5 | .. | 10.5 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 2 | 11 | 17 | 1 | 0 | 0 |
| | 1430 | 20 | 1001.6 | 999.4 | .. | 34.3 | 27.4 | 24.5 | 30.7 | 58 | .. | 6.7 | .. | 9.2 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 13 | 18 | 0 | 0 | 0 |
| | 1730 | 20 | 1001.1 | 998.9 | -0.2 | 32.7 | 27.2 | 25.0 | 31.5 | 66 | +15 | 6.8 | +0.1 | 9.6 | 0 | 0 | 31 | 00 | 0 | 0 | 4 | 0 | 26 | 1 | 0 | 0 | 0 |
| | 2330 | 20 | 1003.9 | 1001.7 | .. | 28.3 | 26.0 | 25.0 | 31.8 | 83 | .. | 7.2 | .. | 5.0 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 17 | 11 | 0 | 3 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1001.7 | 984.3 | -1.1 | 27.8 | 24.2 | 22.5 | 27.3 | 72 | - 7 | 6.0 | -0.9 | 4.9 | 0 | 0 | 26 | 00 | 0 | 1 | 1 | 2 | 5 | 16 | 1 | 5 | 0 |
| | 1730 | 156 | 997.4 | 980.9 | -1.4 | 32.3 | 25.6 | 22.4 | 26.6 | 61 | - 6 | 7.0 | +0.4 | 3.2 | 0 | 0 | 22 | 00 | 2 | 2 | 1 | 1 | 4 | 12 | 0 | 9 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1002.7 | 973.2 | -0.2 | 27.8 | 23.7 | 22.2 | 26.7 | 74 | - 3 | 6.0 | -0.4 | 2.6 | 0 | 0 | 31 | 02 | 0 | 0 | 1 | 6 | 0 | 19 | 3 | 0 | 0 |
| | 1730 | 269 | 1000.4 | 970.7 | +0.2 | 31.7 | 25.0 | 21.7 | 25.9 | 59 | - 6 | 4.8 | -1.7 | 2.0 | 0 | 0 | 31 | 03 | 2 | 0 | 2 | 1 | 3 | 17 | 3 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1002.1 | 934.8 | .. | 23.3 | 21.8 | 21.1 | 25.0 | 88 | .. | 6.3 | .. | 26.7 | 0 | 23 | 8 | 00 | 0 | 0 | 2 | 0 | 5 | 22 | 2 | 0 | 0 |
| | 0830 | 613 | 1002.7 | 935.7 | .. | 25.0 | 22.5 | 21.4 | 25.3 | 80 | .. | 6.5 | .. | 29.8 | 0 | 26 | 5 | 00 | 0 | 0 | 1 | 0 | 6 | 21 | 3 | 0 | 0 |
| | 1130 | 613 | 1001.9 | 935.7 | .. | 28.2 | 23.4 | 21.3 | 25.2 | 68 | .. | 6.2 | .. | 31.1 | 0 | 25 | 6 | 01 | 0 | 0 | 0 | 1 | 4 | 19 | 6 | 0 | 0 |
| | 1730 | 613 | 999.4 | 933.5 | .. | 29.0 | 23.3 | 20.6 | 24.4 | 64 | .. | 6.8 | .. | 28.7 | 0 | 25 | 5 | 01 | 1 | 0 | 0 | 0 | 8 | 16 | 4 | 1 | 0 |
| | 2330 | 613 | 1002.2 | 935.3 | .. | 25.3 | 22.6 | 21.1 | 25.3 | 80 | .. | 6.1 | .. | 26.1 | 0 | 20 | 11 | 00 | 0 | 0 | 3 | 0 | 6 | 19 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of mean-root standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhadrachalam | 0830 | 111 | 1002.0 | 989.5 | -2.0 | 27.1 | 24.5 | 23.3 | 28.6 | 81 | - 1 | 6.6 | -0.6 | 4.6 | 0 | 0 | 29 | 00 | 4 | 0 | 5 | 0 | 15 | 1 | 4 | 2 | 0 |
| | 1730 | 111 | 998.7 | 986.5 | -1.5 | 31.2 | 25.3 | 22.2 | 27.4 | 64 | - 5 | 6.8 | -0.6 | 3.8 | 0 | 0 | 31 | 00 | 13 | 0 | 3 | 0 | 10 | 0 | 5 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1001.7 | 942.0 | .. | 25.0 | 21.6 | 20.3 | 23.8 | 77 | .. | 6.8 | .. | 16.5 | 0 | 12 | 18 | 01 | 0 | 0 | 1 | 0 | 4 | 21 | 3 | 1 | 0 |
| | 0530 | 545 | 1001.9 | 942.7 | .. | 24.1 | 21.4 | 20.1 | 23.5 | 79 | .. | 7.1 | .. | 16.7 | 0 | 16 | 14 | 00 | 0 | 0 | 1 | 0 | 3 | 21 | 5 | 1 | 0 |
| | 0830 | 545 | 1003.2 | 943.4 | -0.6 | 25.3 | 21.9 | 20.3 | 23.8 | 75 | - 8 | 6.5 | -0.5 | 18.8 | 0 | 17 | 14 | 00 | 0 | 0 | 0 | 1 | 4 | 19 | 7 | 0 | 0 |
| | 1130 | 545 | 1002.4 | 943.5 | .. | 28.5 | 22.7 | 19.9 | 23.2 | 62 | .. | 6.7 | .. | 23.5 | 0 | 23 | 8 | 01 | 0 | 0 | 0 | 1 | 3 | 18 | 8 | 0 | 0 |
| | 1730 | 545 | 998.7 | 940.1 | -0.6 | 29.7 | 22.8 | 19.2 | 22.7 | 58 | -11 | 7.1 | +0.1 | 18.6 | 0 | 15 | 15 | 01 | 1 | 0 | 1 | 0 | 8 | 14 | 5 | 1 | 0 |
| | 2330 | 545 | 1002.6 | 943.0 | .. | 25.9 | 22.1 | 20.2 | 23.8 | 73 | .. | 6.7 | .. | 17.9 | 0 | 15 | 15 | 01 | 0 | 0 | 4 | 0 | 6 | 16 | 3 | 1 | 0 |
| Khammam | 0830 | 112 | 1002.9 | 990.4 | -0.9 | 27.9 | 25.3 | 24.1 | 30.2 | 82 | + 1 | 6.9 | +0.4 | 5.1 | 0 | 0 | 25 | 01 | 0 | 0 | 1 | 1 | 7 | 14 | 1 | 6 | 0 |
| | 1730 | 112 | 999.2 | 986.9 | -1.1 | 31.4 | 26.3 | 24.0 | 30.0 | 69 | + 2 | 7.1 | +0.1 | 2.1 | 0 | 0 | 20 | 01 | 0 | 2 | 2 | 0 | 3 | 11 | 1 | 11 | 0 |
| Mahbubnagar | 0830 | 505 | 1003.9 | 948.1 | -1.0 | 25.0 | 22.3 | 21.1 | 24.7 | 80 | - 4 | 7.0 | -0.2 | 9.0 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 7 | 16 | 7 | 0 | 0 |
| | 1730 | 505 | 999.9 | 945.1 | -1.0 | 28.8 | 23.1 | 20.4 | 24.0 | 64 | - 5 | 6.2 | -1.1 | 7.2 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 1 | 10 | 17 | 2 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1004.8 | 973.5 | -0.6 | 26.4 | 23.2 | 21.5 | 25.8 | 75 | + 0 | 6.6 | -0.3 | 17.2 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 0 | 29 | 0 | 2 | 0 | 0 |
| | 1730 | 281 | 999.4 | 969.7 | -0.6 | 30.1 | 23.7 | 20.3 | 24.1 | 61 | + 4 | 7.4 | +0.3 | 19.0 | 0 | 10 | 19 | 00 | 0 | 0 | 1 | 1 | 20 | 0 | 6 | 2 | 1 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1003.9 | 964.9 | .. | 24.7 | 22.7 | 21.7 | 25.9 | 84 | .. | 6.6 | .. | 12.1 | 0 | 6 | 19 | 00 | 0 | 0 | 0 | 0 | 6 | 19 | 0 | 6 | 0 |
| | 0830 | 350 | 1005.2 | 966.3 | -0.6 | 26.3 | 23.2 | 21.7 | 25.9 | 76 | + 3 | 6.2 | -0.7 | 15.1 | 0 | 8 | 20 | 00 | 0 | 0 | 0 | 0 | 7 | 20 | 1 | 3 | 0 |
| | 1130 | 350 | 1004.1 | 965.8 | .. | 29.9 | 24.0 | 21.1 | 25.0 | 60 | .. | 6.2 | .. | 31.0 | 0 | 18 | 13 | 00 | 0 | 1 | 0 | 0 | 2 | 25 | 3 | 0 | 0 |
| | 1430 | 350 | 1001.6 | 963.6 | .. | 31.8 | 24.3 | 20.4 | 24.3 | 52 | .. | 6.6 | .. | 23.5 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 0 | 1 | 27 | 3 | 0 | 0 |
| | 1730 | 350 | 1001.0 | 962.8 | -0.8 | 29.8 | 23.8 | 20.5 | 24.6 | 60 | + 7 | 6.9 | +0.0 | 20.8 | 0 | 15 | 14 | 00 | 0 | 0 | 0 | 1 | 3 | 23 | 2 | 2 | 0 |
| | 2030 | 350 | 1003.5 | 964.9 | .. | 28.4 | 23.6 | 21.3 | 25.2 | 69 | .. | 5.7 | .. | 19.2 | 0 | 15 | 15 | 01 | 0 | 0 | 0 | 0 | 3 | 26 | 0 | 1 | 0 |
| | 2330 | 350 | 1004.8 | 966.0 | .. | 26.4 | 23.2 | 21.6 | 25.8 | 77 | .. | 5.4 | .. | 21.4 | 0 | 18 | 10 | 00 | 0 | 0 | 0 | 1 | 1 | 26 | 0 | 3 | 0 |
| Cuddapah | 0830 | 130 | 1005.1 | 990.5 | -1.2 | 28.1 | 24.6 | 22.9 | 27.9 | 74 | + 7 | 5.7 | -1.0 | 2.7 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 14 | 0 |
| | 1730 | 130 | 1000.7 | 986.4 | -1.2 | 32.8 | 25.8 | 22.5 | 27.4 | 56 | - 2 | 6.1 | -0.5 | 4.6 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 0 | 25 | 0 | 6 | 0 |
| Arogyavaram | 0830 | 701 | 1006.1 | 929.6 | +0.0 | 24.8 | 21.1 | 19.2 | 22.2 | 71 | - 1 | 6.1 | -0.8 | 11.7 | 0 | 0 | 30 | 03 | 0 | 0 | 0 | 0 | 13 | 0 | 14 | 1 | 0 |
| | 1730 | 701 | 1002.0 | 926.7 | -0.1 | 28.5 | 21.9 | 18.6 | 21.4 | 60 | + 3 | 6.6 | -0.6 | 10.5 | 0 | 3 | 28 | 02 | 0 | 0 | 1 | 1 | 6 | 11 | 10 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1005.1 | 1004.4 | -0.7 | 28.7 | 25.0 | 23.2 | 28.4 | 73 | + 4 | 6.1 | -0.2 | 6.6 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 4 | 16 | 10 | 0 | 1 | 0 |
| | 1730 | 6 | 1001.6 | 1000.9 | .. | 30.7 | 26.0 | 23.9 | 29.7 | 68 | .. | 6.6 | .. | 6.0 | 0 | 0 | 24 | 01 | 1 | 1 | 7 | 4 | 4 | 4 | 2 | 7 | 0 |
| Madras (Minambakkam) | 0230 | 16 | 1003.5 | 1001.7 | .. | 27.5 | 24.6 | 23.2 | 28.6 | 78 | .. | 5.9 | .. | 8.6 | 0 | 1 | 28 | 00 | 0 | 0 | 2 | 8 | 12 | 6 | 1 | 2 | 0 |
| | 0530 | 16 | 1003.8 | 1002.1 | .. | 27.0 | 24.4 | 23.1 | 28.4 | 80 | .. | 6.3 | .. | 7.0 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 9 | 13 | 6 | 0 | 2 | 0 |
| | 0830 | 16 | 1005.2 | 1003.5 | -0.7 | 28.8 | 24.9 | 23.1 | 28.3 | 72 | + 7 | 6.5 | -0.1 | 9.8 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 5 | 22 | 4 | 0 | 0 | 0 |
| | 1130 | 16 | 1004.5 | 1002.8 | .. | 32.3 | 25.5 | 22.4 | 27.1 | 57 | .. | 6.2 | .. | 15.2 | 0 | 9 | 22 | 01 | 0 | 0 | 0 | 4 | 13 | 12 | 1 | 0 | 0 |
| | 1430 | 16 | 1002.2 | 1000.5 | .. | 34.2 | 26.3 | 22.7 | 27.6 | 53 | .. | 6.8 | .. | 13.5 | 0 | 8 | 23 | 00 | 0 | 1 | 5 | 3 | 10 | 11 | 1 | 0 | 0 |
| | 1730 | 16 | 1001.6 | 999.9 | -0.8 | 31.6 | 26.2 | 23.9 | 29.7 | 65 | + 4 | 6.7 | -0.4 | 10.7 | 0 | 2 | 27 | 00 | 0 | 2 | 11 | 4 | 7 | 5 | 0 | 2 | 0 |
| | 2030 | 16 | 1003.9 | 1002.2 | .. | 28.7 | 25.8 | 24.5 | 30.7 | 79 | .. | 6.1 | .. | 9.3 | 0 | 3 | 26 | 00 | 0 | 1 | 7 | 8 | 9 | 3 | 1 | 2 | 0 |
| | 2330 | 16 | 1004.7 | 1003.0 | .. | 28.1 | 25.2 | 23.9 | 29.7 | 79 | .. | 6.1 | .. | 11.2 | 1 | 3 | 24 | 00 | 1 | 0 | 4 | 7 | 10 | 6 | 0 | 3 | 0 |
| Vellore | 0530 | 214 | 1004.4 | 980.5 | .. | 26.0 | 22.6 | 20.8 | 24.6 | 77 | .. | 4.8 | .. | 1.5 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 25 | 0 |
| | 0830 | 214 | 1005.5 | 982.0 | -0.3 | 28.1 | 23.5 | 21.2 | 25.2 | 67 | + 1 | 6.5 | +0.5 | 11.8 | 0 | 4 | 23 | 00 | 0 | 0 | 0 | 0 | 5 | 18 | 4 | 4 | 0 |
| | 1130 | 214 | 1004.8 | 981.3 | .. | 32.1 | 24.7 | 21.2 | 25.0 | 53 | .. | 6.0 | .. | 10.5 | 0 | 3 | 26 | 01 | 0 | 0 | 0 | 0 | 2 | 20 | 6 | 2 | 0 |
| | 1730 | 214 | 1001.6 | 978.2 | -0.4 | 32.7 | 24.5 | 20.3 | 24.1 | 49 | - 2 | 6.7 | +0.1 | 9.9 | 0 | 3 | 27 | 00 | 1 | 0 | 1 | 1 | 5 | 14 | 8 | 1 | 0 |
| | 2330 | 214 | 1005.2 | 981.4 | .. | 27.5 | 23.5 | 21.5 | 25.6 | 71 | .. | 5.9 | .. | 3.0 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 1 | 1 | 11 | 1 | 17 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1005.1 | 1001.9 | .. | 28.7 | 25.8 | 24.5 | 30.7 | 79 | .. | 6.8 | .. | 12.1 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 7 | 15 | 9 | 0 | 0 | 0 |
| | 1730 | 29 | 1002.1 | 998.9 | .. | 31.6 | 27.1 | 25.1 | 32.1 | 70 | .. | 6.7 | .. | 14.8 | 0 | 5 | 23 | 00 | 0 | 0 | 9 | 6 | 7 | 5 | 1 | 3 | 0 |
| Tiruppattur | 0830 | 390 | 1006.8 | 964.2 | +0.8 | 25.8 | 22.8 | 21.2 | 25.2 | 76 | + 0 | 7.5 | +0.6 | 3.4 | 0 | 0 | 27 | 26 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | 390 | 1002.4 | 959.8 | -0.5 | 29.5 | 23.4 | 20.1 | 23.5 | 60 | + 2 | 7.5 | +0.4 | 8.9 | 0 | 0 | 29 | 20 | 0 | 0 | 0 | 3 | 0 | 6 | 0 | 2 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 27.1 | 23.6 | 21.9 | 26.3 | 73 | .. | 5.3 | .. | 4.1 | 0 | 0 | 29 | 00 | 1 | 0 | 10 | 0 | 14 | 0 | 4 | 2 | 0 |
| | 1730 | | .. | .. | .. | 28.6 | 25.5 | 24.2 | 30.2 | 76 | .. | 5.8 | .. | 4.0 | 0 | 0 | 31 | 00 | 3 | 0 | 8 | 0 | 13 | 0 | 7 | 0 | 0 |
| Cuddalore | 0530 | 12 | 1004.3 | 1003.0 | .. | 26.6 | 24.9 | 23.9 | 29.7 | 87 | .. | 6.1 | .. | 2.5 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 1 | 11 | 0 | 0 | 19 | 0 |
| | 0830 | 12 | 1005.7 | 1004.5 | -0.8 | 29.1 | 25.7 | 24.4 | 20.6 | 78 | +10 | 6.4 | +0.3 | 6.1 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 3 | 25 | 2 | 0 | 0 | 0 |
| | 1130 | 12 | 1005.2 | 1003.9 | .. | 32.7 | 27.3 | 25.2 | 32.1 | 65 | .. | 6.1 | .. | 9.2 | 0 | 3 | 27 | 00 | 0 | 0 | 5 | 0 | 22 | 3 | 0 | 1 | 0 |
| | 1430 | 12 | 1003.0 | 1001.7 | .. | 33.3 | 28.1 | 26.1 | 33.8 | 68 | .. | 6.2 | .. | 10.2 | 0 | 2 | 28 | 00 | 1 | 0 | 11 | 1 | 13 | 4 | 0 | 1 | 0 |
| | 1730 | 12 | 1002.2 | 1000.9 | -1.0 | 31.3 | 27.9 | 26.5 | 34.6 | 78 | +18 | 6.2 | -0.3 | 7.6 | 0 | 0 | 29 | 00 | 0 | 0 | 15 | 1 | 11 | 0 | 2 | 2 | 0 |
| | 2330 | 12 | 1005.4 | 1004.0 | .. | 28.6 | 26.1 | 25.0 | 31.7 | 81 | .. | 4.8 | .. | 6.4 | 0 | 3 | 19 | 00 | 0 | 0 | 8 | 3 | 11 | 0 | 0 | 9 | 0 |
| Kallakkurichchi | 0830 | 127 | 1005.3 | 991.1 | -1.0 | 28.5 | 25.2 | 23.7 | 29.3 | 76 | + 7 | 6.0 | +0.8 | 8.6 | 0 | 0 | 29 | 00 | 1 | 0 | 3 | 1 | 23 | 1 | 0 | 2 | 0 |
| | 1730 | 127 | 1001.6 | 987.7 | -0.9 | 33.0 | 26.3 | 23.2 | 28.4 | 58 | + 7 | 6.6 | +0.3 | 11.2 | 0 | 2 | 29 | 00 | 2 | 0 | 0 | 1 | 24 | 3 | 1 | 0 | 0 |
| Salem | 0530 | 278 | 1005.0 | 973.8 | .. | 24.4 | 22.3 | 21.2 | 25.2 | 83 | .. | 6.7 | .. | 4.0 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 8 | 17 | 0 | 6 | 0 |
| | 0830 | 278 | 1006.3 | 975.2 | -1.0 | 25.9 | 22.8 | 21.2 | 25.2 | 76 | - 2 | 6.8 | +0.7 | 3.0 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 1 | 12 | 9 | 0 | 9 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9 , 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (0ktas) Mean amount | Cloud Amount (0ktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADRAS STATE (INCLUDING PONDICHERRY) (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salem (contd.) | 1130 | 278 | 1005.4 | 974.8 | .. | 30.8 | 23.9 | 20.9 | 24.7 | 58 | .. | 6.1 | .. | 6.5 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 7 | 18 | 1 | 3 | 2 |
| | 1730 | 278 | 1002.1 | 972.1 | -0.7 | 31.1 | 24.0 | 20.4 | 24.0 | 54 | - 2 | 7.2 | +0.2 | 7.2 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 0 | 8 | 12 | 2 | 9 | 0 |
| | 2330 | 278 | 1006.0 | 975.0 | .. | 26.3 | 22.7 | 21.5 | 25.6 | 74 | .. | 6.8 | .. | 4.8 | 0 | 1 | 19 | 00 | 1 | 0 | 0 | 1 | 7 | 11 | 0 | 11 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1005.8 | 961.2 | .. | 22.7 | 22.0 | 21.6 | 25.8 | 94 | .. | 4.7 | .. | 20.0 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 13 | 18 | 0 | 0 | 0 | 0 |
| | 0830 | 399 | 1007.0 | 967.6 | -0.7 | 24.6 | 23.0 | 22.2 | 26.7 | 87 | + 6 | 5.9 | +0.3 | 21.0 | 0 | 19 | 11 | 00 | 0 | 0 | 0 | 14 | 15 | 1 | 0 | 1 | 0 |
| | 1130 | 399 | 1006.0 | 962.2 | .. | 28.7 | 24.3 | 22.1 | 26.6 | 69 | .. | 5.7 | .. | 28.4 | 0 | 23 | 8 | 00 | 0 | 0 | 1 | 13 | 17 | 0 | 0 | 0 | 0 |
| | 1430 | 399 | 1003.8 | 960.3 | .. | 29.9 | 24.7 | 22.2 | 26.7 | 64 | .. | 5.7 | .. | 34.8 | 0 | 29 | 2 | 00 | 0 | 1 | 0 | 9 | 18 | 3 | 0 | 0 | 0 |
| | 1730 | 399 | 1003.6 | 959.9 | -0.8 | 27.4 | 24.2 | 22.6 | 27.4 | 76 | + 8 | 6.4 | -0.2 | 30.4 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 13 | 16 | 2 | 0 | 0 | 0 |
| | 2030 | 399 | 1004.2 | 961.8 | .. | 24.6 | 23.0 | 22.1 | 26.6 | 85 | .. | 5.2 | .. | 24.2 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 13 | 17 | 1 | 0 | 0 | 0 |
| | 2330 | 399 | 1007.1 | 962.5 | .. | 23.6 | 22.6 | 22.2 | 26.7 | 92 | .. | 4.3 | .. | 21.4 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 | 0 |
| Coimbatore | 0830 | 409 | 1006.5 | 961.1 | -1.1 | 24.9 | 21.5 | 20.6 | 24.2 | 78 | + 1 | 6.2 | -0.3 | 10.2 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 3 | 27 | 1 | 0 | 0 | 0 |
| Nagapattinam | 0830 | 9 | 1006.5 | 1005.4 | -0.8 | 29.4 | 24.1 | 21.5 | 25.6 | 63 | - 2 | 6.3 | +0.5 | 11.2 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 1 | 12 | 18 | 0 | 0 | 0 |
| | 1730 | 9 | 1002.8 | 1001.8 | -0.9 | 31.6 | 25.9 | 23.2 | 28.4 | 62 | - 1 | 6.9 | +1.0 | 17.2 | 0 | 12 | 19 | 00 | 0 | 0 | 5 | 12 | 12 | 2 | 0 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1004.5 | 994.7 | .. | 27.3 | 22.8 | 20.5 | 24.1 | 67 | .. | 5.7 | .. | 20.3 | 0 | 19 | 8 | 00 | 0 | 0 | 0 | 0 | 0 | 25 | 2 | 4 | 0 |
| | 0530 | 88 | 1004.5 | 994.6 | .. | 26.8 | 22.7 | 20.6 | 24.3 | 70 | .. | 5.7 | .. | 21.6 | 0 | 19 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 2 | 3 | 0 |
| | 0830 | 88 | 1006.0 | 996.1 | -1.1 | 28.4 | 23.5 | 20.9 | 24.7 | 65 | + 4 | 6.7 | +0.6 | 28.1 | 0 | 27 | 3 | 00 | 0 | 0 | 0 | 1 | 0 | 27 | 2 | 1 | 0 |
| | 1130 | 88 | 1005.1 | 995.4 | .. | 32.8 | 24.0 | 19.4 | 22.5 | 46 | .. | 5.9 | .. | 33.3 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 2 | 24 | 4 | 0 | 1 |
| | 1430 | 88 | 1002.6 | 993.0 | .. | 34.7 | 24.5 | 19.1 | 22.1 | 41 | .. | 6.4 | .. | 32.1 | 1 | 26 | 4 | 00 | 0 | 0 | 0 | 0 | 2 | 26 | 3 | 0 | 0 |
| | 1730 | 88 | 1002.2 | 992.5 | -1.2 | 33.3 | 23.8 | 18.8 | 21.7 | 43 | + 0 | 6.8 | +0.4 | 27.1 | 0 | 24 | 3 | 00 | 1 | 0 | 0 | 1 | 3 | 19 | 3 | [illegible] | 0 |
| | 2030 | 88 | 1004.8 | 995.0 | .. | 29.4 | 23.5 | 20.3 | 23.8 | 60 | .. | 5.9 | .. | 24.5 | 0 | 19 | 9 | 01 | 0 | 0 | 1 | 1 | 4 | 20 | 1 | [illegible] | 0 |
| | 2330 | 88 | 1005.8 | 995.9 | .. | 28.0 | 23.0 | 20.3 | 23.8 | 64 | .. | 5.5 | .. | 24.5 | 0 | 22 | 6 | 00 | 0 | 0 | 0 | 2 | 2 | 22 | 2 | 3 | 0 |
| Vedaranniyam | 0830 | 4 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 4 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Atirampattinam | 0830 | 6 | 1006.3 | 1005.6 | .. | 29.5 | 24.6 | 22.2 | 26.7 | 66 | .. | 5.1 | .. | 6.0 | 0 | 2 | 21 | 00 | 0 | 0 | 0 | 6 | 10 | 0 | 7 | 6 | 0 |
| | 1730 | 6 | 1003.3 | 1002.6 | .. | 30.3 | 26.2 | 24.4 | 30.5 | 71 | .. | 5.3 | .. | 24.3 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 29 | 2 | 0 | 0 | 0 | 0 |
| Madurai | 0830 | 133 | 1006.2 | 991.4 | -0.9 | 28.7 | 23.9 | 21.3 | 25.3 | 65 | + 9 | 7.0 | +1.1 | 6.0 | 0 | 0 | 28 | 01 | 1 | 0 | 1 | 0 | 3 | 9 | 13 | 3 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1005.0 | 990.3 | .. | 27.0 | 22.8 | 20.6 | 24.3 | 69 | .. | 5.0 | .. | 11.7 | 0 | 4 | 25 | 03 | 0 | 0 | 0 | 3 | 5 | 6 | 9 | 2 | 1 |
| | 0830 | 131 | 1006.3 | 991.6 | -0.8 | 29.1 | 23.8 | 21.2 | 25.2 | 63 | + 1 | 5.9 | -0.1 | 15.7 | 0 | 8 | 22 | 04 | 1 | 0 | 0 | 3 | 2 | 13 | 7 | 1 | 0 |
| | 1130 | 131 | 1005.5 | 991.1 | .. | 33.0 | 24.6 | 20.4 | 24.0 | 48 | .. | 5.9 | .. | 20.1 | 0 | 12 | 19 | 04 | 1 | 0 | 0 | 1 | 7 | 14 | 4 | 0 | 0 |
| | 1730 | 131 | 1002.9 | 988.5 | -0.9 | 31.7 | 24.6 | 20.7 | 24.4 | 51 | - 1 | 6.7 | +0.1 | 25.7 | 0 | 23 | 8 | 00 | 0 | 0 | 4 | 2 | 1 | 22 | 2 | 0 | 0 |
| Tondi | 0830 | 5 | 1006.7 | 1006.1 | -0.8 | 29.3 | 24.3 | 21.9 | 26.3 | 65 | - 8 | 4.3 | -1.8 | 3.4 | 0 | 0 | 12 | 00 | 0 | 1 | 0 | 1 | 9 | 1 | 0 | 19 | 0 |
| | 1730 | 5 | 1003.5 | 1002.9 | -0.9 | 30.2 | 26.3 | 24.6 | 30.9 | 73 | + 0 | 5.3 | -1.1 | 22.2 | 0 | 17 | 14 | 00 | 0 | 0 | 11 | 16 | 3 | 1 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1006.7 | 1005.4 | -1.0 | 28.4 | 25.4 | 24.1 | 30.0 | 78 | + 1 | 5.4 | +1.4 | 14.7 | 0 | 6 | 25 | 00 | 0 | 1 | 1 | 9 | 17 | 3 | 0 | 0 | 0 |
| | 1730 | 11 | 1003.7 | 1002.4 | -1.1 | 28.7 | 25.7 | 24.4 | 30.5 | 78 | - 1 | 5.5 | +0.9 | 27.2 | 0 | 26 | 5 | 00 | 0 | 0 | 3 | 23 | 5 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1007.1 | 1006.7 | -1.0 | 30.1 | 23.7 | 20.4 | 24.0 | 57 | - 1 | 3.9 | -0.2 | 16.2 | 0 | 13 | 18 | 01 | 0 | 0 | 0 | 1 | 2 | 27 | 0 | 0 | 0 |
| | 1730 | 4 | 1004.1 | 1003.7 | -1.0 | 32.5 | 24.3 | 20.1 | 23.5 | 49 | - 4 | 5.4 | +1.5 | 28.4 | 0 | 23 | 8 | 00 | 0 | 0 | 3 | 2 | 0 | 26 | 0 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1007.0 | 1001.6 | -0.5 | 30.2 | 23.8 | 20.2 | 23.7 | 56 | - 3 | 6.2 | +0.6 | 12.4 | 0 | 15 | 15 | 00 | 0 | 0 | 0 | 1 | 2 | 27 | 0 | 1 | 0 |
| | 1730 | 51 | 1004.3 | 998.3 | -1.1 | 32.2 | 23.9 | 20.0 | 23.4 | 51 | - 2 | 6.6 | +0.3 | 20.1 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 1 | 4 | 20 | 6 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1007.9 | 1003.8 | .. | 26.3 | 23.9 | 22.7 | 27.6 | 81 | .. | 6.8 | .. | 17.2 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 0 | 3 | 25 | 3 | 0 | 0 |
| | 1730 | 37 | 1005.6 | 969.2 | .. | 26.8 | 24.0 | 22.8 | 27.6 | 79 | .. | 6.9 | .. | 15.3 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1006.5 | 1006.0 | -0.9 | 26.9 | 25.6 | 25.0 | 31.7 | 89 | + 1 | 7.5 | -0.1 | 9.3 | 0 | 1 | 30 | 01 | 2 | 2 | 3 | 0 | 0 | 14 | 2 | 0 | 7 |
| | 1730 | 4 | 1004.9 | 1004.4 | -1.1 | 27.5 | 25.4 | 24.5 | 30.7 | 85 | - 1 | 7.9 | +0.4 | 12.8 | 0 | 7 | 23 | 01 | 0 | 0 | 1 | 1 | 1 | 6 | 8 | 1 | 12 |
| Honavar | 0830 | 26 | 1006.8 | 1003.9 | -1.2 | 25.5 | 24.6 | 24.1 | 30.0 | 91 | - 1 | 7.5 | +0.3 | 5.7 | 0 | 1 | 26 | 01 | 2 | 6 | 0 | 5 | 2 | 10 | 1 | 4 | 0 |
| | 1730 | 26 | 1005.3 | 1002.4 | -1.1 | 26.9 | 25.1 | 24.4 | 30.4 | 86 | - 4 | 7.7 | +0.6 | 8.1 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 26 | 3 | 2 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1006.2 | 994.6 | .. | 24.0 | 23.5 | 23.2 | 28.6 | 95 | .. | 7.5 | .. | 7.7 | 0 | 2 | 17 | 00 | 0 | 1 | 5 | 2 | 3 | 7 | 1 | 12 | 0 |
| | 0530 | 102 | 1006.1 | 994.5 | .. | 23.8 | 23.3 | 23.1 | 28.3 | 96 | .. | 7.7 | .. | 8.1 | 0 | 3 | 15 | 00 | 1 | 1 | 2 | 2 | 3 | 7 | 2 | 13 | 0 |
| | 0830 | 102 | 1007.5 | 996.0 | -0.9 | 25.0 | 24.2 | 23.8 | 29.5 | 93 | + 0 | 7.5 | +0.1 | 8.5 | 0 | 2 | 22 | 02 | 1 | 5 | 4 | 2 | 2 | 8 | 0 | 7 | 0 |
| | 1130 | 102 | 1007.7 | 996.3 | .. | 26.6 | 24.9 | 24.1 | 30.0 | 86 | .. | 7.3 | .. | 15.0 | 0 | 9 | 19 | 00 | 1 | 2 | 1 | 4 | 7 | 8 | 5 | 3 | 0 |
| | 1430 | 102 | 1006.1 | 994.7 | .. | 27.3 | 25.4 | 24.5 | 30.7 | 85 | .. | 7.5 | .. | 19.5 | 0 | 15 | 14 | 01 | 0 | 0 | 0 | 3 | 8 | 14 | 3 | 2 | 0 |
| | 1730 | 102 | 1005.5 | 994.1 | -1.1 | 26.4 | 24.9 | 24.3 | 28.6 | 88 | - 1 | 7.6 | +0.1 | 13.3 | 0 | 7 | 21 | 00 | 1 | 0 | 1 | 1 | 6 | 13 | 6 | 3 | 0 |
| | 2030 | 102 | 1007.2 | 995.7 | .. | 25.2 | 24.3 | 23.9 | 29.7 | 93 | .. | 7.3 | .. | 8.3 | 0 | 2 | 20 | 01 | 0 | 0 | 1 | 5 | 3 | 12 | 0 | 9 | 0 |
| | 2330 | 102 | 1007.8 | 996.3 | .. | 24.6 | 23.9 | 23.6 | 28.9 | 94 | .. | 7.4 | .. | 6.1 | 0 | 0 | 15 | 00 | 0 | 1 | 3 | 2 | 4 | 5 | 0 | 16 | 0 |
| Mangalore | 0830 | 22 | 1007.4 | 1004.9 | -1.3 | 25.6 | 24.5 | 24.0 | 30.0 | 91 | + 0 | 7.5 | +0.0 | 6.9 | 0 | 1 | 30 | 02 | 1 | 5 | 6 | 0 | 6 | 7 | 4 | 0 | 0 |
| | 1730 | 22 | 1005.7 | 1003.2 | -1.2 | 27.3 | 25.4 | 24.5 | 30.7 | 85 | - 3 | 7.0 | -0.5 | 7.3 | 0 | 0 | 31 | 01 | 1 | 0 | 0 | 0 | 18 | 5 | 6 | 0 | 0 |
| INTERIOR MYSORE, NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1003.3 | 930.6 | -0.5 | 23.9 | 21.5 | 20.3 | 23.8 | 84 | - 2 | 6.8 | -0.2 | 21.4 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 1 | 15 | 11 | 4 | 0 | 0 |
| | 1730 | 664 | 998.8 | 927.3 | -1.0 | 27.9 | 22.0 | 18.9 | 22.1 | 63 | - 4 | 7.3 | +0.1 | 23.5 | 0 | 21 | 10 | 00 | 1 | 2 | 0 | 2 | 11 | 13 | 2 | 0 | 0 |
| Gulbarga | 0830 | 458 | 1004.2 | 953.3 | -0.8 | 24.9 | 22.6 | 21.5 | 25.6 | 82 | + 1 | 7.5 | +0.8 | 11.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 11 | 16 | 2 | 1 | 0 |
| | 1730 | 458 | 999.8 | 949.8 | -0.9 | 29.2 | 23.1 | 20.2 | 23.8 | 63 | + 1 | 7.3 | +0.2 | 13.6 | 0 | 7 | 24 | 01 | 1 | 1 | 0 | 0 | 5 | 23 | 0 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| NTERIOR MYSORE, NORTH (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bijapur | 0830 | 594 | 1004.4 | 939.1 | -0.5 | 23.7 | 21.9 | 21.0 | 25.0 | 85 | + 5 | 7.3 | +1.0 | 11.7 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 9 | 19 | 3 | 0 | 0 |
| | 1730 | 594 | 1001.3 | 937.1 | +0.1 | 28.5 | 23.2 | 20.5 | 24.4 | 63 | + 1 | 7.3 | +0.7 | 11.7 | 0 | 0 | 31 | 00 | 1 | 0 | 2 | 0 | 8 | 7 | 15 | 0 | 0 |
| Raichur | 0830 | 400 | 1004.5 | 960.3 | -0.8 | 26.1 | 22.9 | 21.2 | 25.3 | 75 | - 3 | 6.2 | +0.4 | 9.1 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 0 | 17 | 4 | 6 | 1 | 1 |
| | 1730 | 400 | 1000.0 | 956.7 | -1.0 | 30.7 | 23.5 | 19.5 | 23.1 | 56 | - 3 | 6.3 | +0.0 | 12.6 | 0 | 4 | 27 | 00 | 1 | 0 | 0 | 0 | 23 | 0 | 7 | 0 | 0 |
| Belgaum | 0830 | 753 | 1005.9 | 923.3 | -0.5 | 22.0 | 21.5 | 21.2 | 25.3 | 96 | + 6 | 7.3 | +0.3 | 4.8 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 25 | 1 | 5 | 0 |
| | 1730 | 753 | 1003.4 | 921.5 | -0.9 | 23.6 | 22.3 | 21.7 | 25.9 | 90 | - 2 | 7.7 | +0.6 | 7.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 3 | 26 | 0 | [illegible] | 0 |
| Belgaum (Samra) | 0530 | 747 | 1004.4 | 922.3 | .. | 21.1 | 20.4 | 20.0 | 23.5 | 93 | .. | 7.0 | .. | 12.1 | 0 | 8 | 21 | 00 | 0 | 0 | 0 | 0 | 0 | 22 | 1 | 2 | 0 |
| | 0830 | 747 | 1005.5 | 923.6 | -0.5 | 22.4 | 21.1 | 20.5 | 24.1 | 89 | - 2 | 7.3 | -0.1 | 15.2 | 0 | 9 | 22 | 00 | 1 | 0 | 1 | 0 | 7 | 20 | 2 | 0 | 0 |
| | 1130 | 747 | 1005.4 | 924.1 | .. | 24.4 | 21.9 | 20.7 | 24.4 | 81 | .. | 7.2 | .. | 20.2 | 0 | 15 | 16 | 00 | 1 | 0 | 0 | 2 | 5 | 21 | 2 | 0 | 0 |
| | 1430 | 747 | 1003.6 | 922.6 | .. | 24.8 | 21.9 | 20.4 | 24.1 | 79 | .. | 7.5 | .. | 20.5 | 0 | 17 | 14 | 00 | 1 | 0 | 1 | 0 | 6 | 22 | 1 | 0 | 0 |
| | 1730 | 747 | 1003.1 | 921.9 | -0.9 | 23.9 | 21.5 | 20.4 | 23.8 | 81 | - 6 | 7.3 | -0.1 | 21.1 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 0 | 7 | 24 | 0 | 0 | 0 |
| | 2030 | 747 | 1005.2 | 923.3 | .. | 22.1 | 20.8 | 20.2 | 23.5 | 89 | .. | 7.2 | .. | 14.1 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 1 | 0 |
| Gadag | 0530 | 650 | 1004.5 | 932.8 | .. | 21.6 | 21.0 | 20.7 | 24.4 | 94 | .. | 6.2 | .. | 11.5 | 0 | 4 | 24 | 00 | 0 | 0 | 0 | 0 | 10 | 18 | 0 | 3 | 0 |
| | 0830 | 650 | 1005.5 | 934.1 | -0.7 | 23.2 | 21.9 | 21.1 | 25.3 | 88 | + 4 | 7.1 | +0.2 | 10.4 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 15 | 12 | 2 | 1 | 0 |
| | 1130 | 650 | 1004.8 | 934.1 | .. | 26.6 | 22.8 | 21.1 | 25.6 | 73 | .. | 7.0 | .. | 15.9 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 12 | 16 | 2 | 1 | 0 |
| | 1430 | 650 | 1002.6 | 932.4 | .. | 28.1 | 23.1 | 20.8 | 24.6 | 66 | .. | 7.2 | .. | 18.1 | 0 | 16 | 14 | 02 | 0 | 0 | 1 | 0 | 6 | 21 | 0 | 1 | 0 |
| | 1730 | 650 | 1002.6 | 932.0 | -0.7 | 26.2 | 22.5 | 20.8 | 24.4 | 74 | + 1 | 4.3 | -2.6 | 11.0 | 0 | 1 | 30 | 01 | 0 | 0 | 0 | 0 | 12 | 17 | 1 | 0 | 0 |
| | 2030 | 650 | 1005.0 | 933.6 | .. | 23.4 | 21.8 | 21.0 | 24.9 | 87 | .. | 6.1 | .. | 13.0 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 0 | 12 | 17 | 2 | 0 | 0 |
| | 2330 | 650 | 1005.9 | 934.3 | .. | 22.4 | 21.5 | 21.0 | 25.0 | 89 | .. | 6.1 | .. | 14.3 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 0 | 0 |
| NTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1004.9 | 955.3 | -0.7 | 25.7 | 23.8 | 22.9 | 27.9 | 87 | +16 | 6.2 | -0.2 | 9.7 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 0 | 2 | 17 | 11 | 1 | 0 |
| | 1730 | 449 | 1001.0 | 952.1 | -0.9 | 29.7 | 25.4 | 23.4 | 28.9 | 71 | +12 | 6.9 | +0.4 | 13.2 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 0 | 4 | 18 | 8 | 1 | 0 |
| Chitradurga | 0830 | 733 | 1005.7 | 925.4 | -1.1 | 22.4 | 20.9 | 20.2 | 23.5 | 88 | + 5 | 6.6 | -0.7 | 13.0 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 1 | 14 | 16 | 0 | 0 | 0 |
| | 1730 | 733 | 1002.5 | 923.3 | -1.0 | 25.7 | 21.9 | 20.0 | 23.5 | 73 | + 4 | 6.6 | -0.5 | 13.6 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 | 0 |
| Shimoga | 0830 | 571 | 1005.9 | 943.0 | -1.2 | 23.5 | 21.7 | 20.7 | 24.6 | 85 | - 3 | 7.5 | +0.2 | 3.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 1 | 0 |
| | 1730 | 571 | 1003.5 | 941.0 | -1.3 | 25.5 | 22.1 | 20.5 | 24.1 | 74 | - 7 | 7.6 | +0.5 | 6.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 0 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 21.6 | 21.3 | 21.2 | 25.0 | 98 | .. | . | .. | 8.0 | 0 | 1 | 28 | 01 | 3 | 0 | 0 | 2 | 20 | 3 | 0 | 2 | 0 |
| Balehonnur | 0830 | | .. | .. | .. | 20.9 | 20.2 | 19.9 | 23.2 | 94 | - 1 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1476.5 | 902.6 | -0.8 | 20.9 | 19.6 | 18.9 | 21.8 | 88 | + 0 | 7.3 | +0.0 | 3.5 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 3 | 27 | 0 | 0 | 0 |
| | 1730 | 960 | 1465.8 | 901.1 | -0.6 | 23.0 | 20.3 | 18.8 | 21.8 | 78 | - 3 | 6.8 | -0.4 | 3.9 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 5 | 25 | 0 | 0 | 0 |
| Bangalore | 0230 | 921 | 1470.2 | 906.1 | .. | 20.6 | 19.5 | 18.8 | 21.8 | 90 | .. | 6.3 | .. | 12.3 | 0 | 2 | 29 | 01 | 0 | 0 | 0 | 0 | 8 | 20 | 2 | 0 | 0 |
| | 0830 | 921 | 1479.9 | 907.0 | -0.2 | 21.3 | 20.0 | 19.3 | 22.5 | 89 | + 3 | 7.6 | +0.0 | 10.7 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 11 | 18 | 2 | 0 | 0 |
| | 1130 | 921 | 1485.8 | 906.9 | .. | 25.0 | 21.0 | 18.9 | 22.0 | 69 | .. | 7.3 | .. | 19.6 | 0 | 11 | 20 | 00 | 0 | 0 | 0 | 0 | 9 | 18 | 4 | 0 | 0 |
| | 1430 | 921 | 1475.6 | 905.5 | .. | 26.8 | 21.3 | 18.5 | 21.3 | 61 | .. | 7.2 | .. | 17.6 | 0 | 11 | 19 | 01 | 0 | 0 | 0 | 0 | 10 | 15 | 4 | 1 | 0 |
| | 1730 | 921 | 1467.4 | 904.9 | +0.1 | 25.7 | 21.1 | 18.7 | 21.7 | 67 | - 1 | 7.4 | +0.0 | 15.4 | 0 | 8 | 21 | 00 | 0 | 0 | 1 | 8 | 16 | 4 | 0 | 2 | 0 |
| | 2030 | 921 | 1477.1 | 906.4 | .. | 23.0 | 20.4 | 19.0 | 22.1 | 79 | .. | 6.0 | .. | 13.3 | 0 | 6 | 22 | 00 | 0 | 0 | 0 | 0 | 13 | 15 | 0 | 3 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1459.7 | 907.5 | .. | 20.1 | 19.3 | 18.9 | 21.8 | 93 | .. | 6.8 | .. | 18.1 | 0 | 10 | 19 | 00 | 0 | 0 | 0 | 0 | 5 | 24 | 0 | 2 | 0 |
| | 0830 | 897 | 1473.7 | 908.9 | -0.8 | 21.7 | 20.1 | 19.3 | 22.4 | 86 | + 2 | 7.3 | +0.3 | 24.9 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 0 | 5 | 22 | 3 | 1 | 0 |
| | 1130 | 897 | 1478.2 | 908.7 | .. | 25.1 | 21.0 | 18.9 | 21.8 | 69 | .. | 7.0 | .. | 26.4 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 0 | 4 | 23 | 4 | 0 | 0 |
| | 1730 | 897 | 1456.4 | 906.3 | -1.0 | 25.4 | 21.4 | 19.4 | 22.5 | 71 | + 5 | 7.2 | +0.3 | 20.1 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 0 | 5 | 22 | 3 | 1 | 0 |
| | 2330 | 897 | 1474.0 | 908.9 | .. | 21.7 | 19.9 | 19.1 | 22.1 | 85 | .. | 6.4 | .. | 19.6 | 0 | 17 | 10 | 00 | 0 | 0 | 0 | 0 | 3 | 22 | 2 | 4 | 0 |
| Mysore | 0830 | 767 | 1007.3 | 923.1 | -0.9 | 22.1 | 20.1 | 19.2 | 22.1 | 87 | + 3 | 4.6 | -1.8 | 13.3 | 0 | 3 | 28 | 04 | 0 | 2 | 3 | 4 | 12 | 4 | 2 | 0 | 0 |
| | 1730 | 767 | 1004.4 | 921.5 | -0.7 | 26.1 | 20.8 | 18.1 | 20.8 | 63 | - 7 | 5.6 | -1.2 | 21.5 | 0 | 23 | 8 | 03 | 8 | 1 | 2 | 4 | 4 | 1 | 8 | 0 | 0 |
| ERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1007.5 | 1006.9 | .. | 24.1 | 23.8 | 23.7 | 29.3 | 97 | .. | 7.6 | .. | 3.3 | 0 | 1 | 14 | 03 | 0 | 1 | 0 | 1 | 1 | 4 | 5 | 16 | 0 |
| | 0830 | 5 | 1008.8 | 1008.2 | -0.7 | 24.9 | 24.3 | 24.1 | 29.8 | 95 | + 3 | 7.2 | +0.0 | 1.2 | 0 | 0 | 7 | 01 | 1 | 0 | 1 | 0 | 1 | 2 | 1 | 24 | 0 |
| | 1130 | 5 | 1009.2 | 1008.6 | .. | 26.3 | 25.3 | 24.8 | 31.5 | 92 | .. | 7.0 | .. | 2.9 | 0 | 0 | 18 | 01 | 1 | 1 | 0 | 1 | 4 | 6 | 4 | 13 | 0 |
| | 1430 | 5 | 1008.0 | 1007.4 | .. | 27.4 | 25.8 | 25.1 | 31.9 | 88 | .. | 6.8 | .. | 2.9 | 0 | 0 | 17 | 00 | 2 | 0 | 0 | 1 | 5 | 5 | 4 | 14 | 0 |
| | 1730 | 5 | 1007.0 | 1006.4 | -0.6 | 26.4 | 25.3 | 24.9 | 31.5 | 91 | + 2 | 7.2 | +0.0 | 3.5 | 0 | 2 | 15 | 00 | 0 | 0 | 0 | 0 | 1 | 6 | 10 | 14 | 0 |
| | 2330 | 5 | 1009.0 | 1008.4 | .. | 24.9 | 24.5 | 24.3 | 30.4 | 97 | .. | 7.3 | .. | 3.2 | 0 | 1 | 10 | 01 | 2 | 1 | 0 | 0 | 0 | 6 | 1 | 20 | 0 |
| Palghat | 0830 | 97 | 1008.3 | 997.3 | -1.0 | 24.6 | 23.6 | 23.0 | 28.3 | 91 | - 1 | 7.0 | -0.2 | 8.8 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 1 | 0 |
| | 1730 | 97 | 1005.9 | 994.9 | -1.0 | 26.9 | 24.4 | 23.3 | 28.6 | 81 | - 4 | 6.5 | -0.7 | 10.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1008.9 | 1008.6 | -1.1 | 25.9 | 24.8 | 24.2 | 30.4 | 91 | + 2 | 7.8 | +0.6 | 4.4 | 0 | 0 | 25 | 02 | 5 | 8 | 2 | 0 | 3 | 3 | 2 | 6 | 0 |
| | 1730 | 3 | 1006.8 | 1006.5 | -1.1 | 26.4 | 24.9 | 24.3 | 30.4 | 88 | + 1 | 7.7 | +0.5 | 8.0 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 0 | 4 | 12 | 12 | 1 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1007.9 | 1007.6 | .. | 24.5 | 23.9 | 23.5 | 28.8 | 94 | .. | 7.4 | .. | 4.3 | 0 | 1 | 13 | 01 | 1 | 1 | 1 | 1 | 1 | 7 | 1 | 17 | 0 |
| | 0530 | 3 | 1007.8 | 1007.5 | .. | 24.3 | 23.8 | 23.5 | 28.9 | 95 | .. | 7.4 | .. | 2.9 | 0 | 0 | 10 | 01 | 0 | 0 | 1 | 1 | 2 | 3 | 2 | 21 | 0 |
| | 0830 | 3 | 1008.9 | 1008.6 | .. | 25.5 | 24.4 | 23.9 | 29.7 | 91 | .. | 7.3 | .. | 3.1 | 0 | 1 | 26 | 00 | 0 | 0 | 0 | 1 | 5 | 12 | 9 | 4 | 0 |
| | 1130 | 3 | 1009.1 | 1008.8 | .. | 27.8 | 25.3 | 24.1 | 30.0 | 81 | .. | 6.9 | .. | 8.1 | 0 | 0 | 24 | 01 | 0 | 0 | 1 | 0 | 6 | 13 | 3 | 7 | 0 |
| | 1730 | 3 | 1007.1 | 1006.8 | .. | 26.9 | 25.0 | 24.1 | 30.0 | 85 | .. | 7.3 | .. | 8.6 | 0 | 0 | 15 | 01 | 0 | 4 | 1 | 2 | 3 | 1 | 3 | 16 | 0 |
| | 2330 | 3 | 1009.2 | 1008.9 | .. | 25.0 | 24.1 | 23.6 | 29.3 | 92 | .. | 7.3 | .. | 4.4 | 0 | 1 | 11 | 01 | 0 | 1 | 0 | 2 | 2 | 3 | 3 | 19 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KERALA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alleppey | 0830 | 4 | 1009.1 | 1008.7 | -0.7 | 25.4 | 24.5 | 24.1 | 30.0 | 93 | + 2 | 6.7 | -0.3 | 9.0 | 0 | 2 | 29 | 00 | 10 | 3 | 5 | 0 | 5 | 4 | 4 | 0 | |
| | 1730 | 4 | 1007.4 | 1007.0 | -0.3 | 26.9 | 25.2 | 24.4 | 30.7 | 86 | + 1 | 6.6 | -0.3 | 21.8 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 0 | 2 | 7 | 22 | 0 | |
| Punalur | 0830 | 34 | 1008.9 | 1005.1 | -0.7 | 25.1 | 24.2 | 23.8 | 29.3 | 92 | - 2 | 7.3 | +1.0 | 0.6 | 0 | 0 | 4 | 01 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | |
| | 1730 | 34 | 1006.6 | 1002.8 | -0.9 | 28.3 | 25.0 | 23.4 | 28.9 | 75 | - 3 | 7.3 | +0.8 | 6.1 | 0 | 0 | 27 | 01 | 1 | 0 | 0 | 1 | 2 | 10 | 12 | 4 | |
| Trivandrum | 0230 | 64 | 1007.6 | 1000.3 | .. | 24.5 | 23.7 | 23.3 | 28.6 | 93 | .. | 6.7 | .. | 5.4 | 0 | 1 | 16 | 04 | 0 | 0 | 0 | 0 | 0 | 3 | 10 | 14 | |
| | 0530 | 64 | 1007.6 | 1000.3 | .. | 24.2 | 23.5 | 23.1 | 28.3 | 94 | .. | 6.8 | .. | 6.3 | 0 | 0 | 24 | 10 | 0 | 0 | 0 | 0 | 0 | 4 | 10 | 7 | |
| | 0830 | 64 | 1008.9 | 1001.5 | -1.1 | 25.2 | 23.9 | 23.4 | 28.6 | 89 | + 0 | 7.0 | +0.3 | 7.3 | 0 | 0 | 28 | 08 | 1 | 0 | 0 | 0 | 0 | 2 | 17 | 3 | |
| | 1130 | 64 | 1008.8 | 1001.5 | .. | 27.7 | 24.7 | 23.3 | 28.6 | 78 | .. | 7.0 | .. | 15.7 | 0 | 7 | 24 | 05 | 0 | 0 | 0 | 0 | 1 | 5 | 20 | 0 | |
| | 1430 | 64 | 1006.9 | 999.7 | .. | 28.4 | 24.9 | 23.3 | 28.6 | 74 | .. | 6.5 | .. | 16.1 | 0 | 7 | 24 | 01 | 0 | 0 | 0 | 0 | 0 | 9 | 21 | 0 | |
| | 1730 | 64 | 1006.7 | 999.5 | -0.9 | 27.2 | 24.5 | 23.4 | 28.6 | 80 | - 1 | 6.9 | +0.2 | 13.6 | 0 | 3 | 28 | 02 | 0 | 0 | 0 | 0 | 0 | 6 | 23 | 0 | |
| | 2030 | 64 | 1008.5 | 1001.2 | .. | 25.4 | 23.9 | 23.1 | 28.3 | 87 | .. | 6.3 | .. | 7.9 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 0 | 0 | 1 | 23 | 5 | |
| | 2330 | 64 | 1009.1 | 1001.8 | .. | 24.9 | 23.9 | 23.4 | 28.8 | 91 | .. | 6.7 | .. | 9.3 | 0 | 1 | 27 | 09 | 1 | 0 | 0 | 0 | 0 | 2 | 16 | 3 | |
| Trivandrum Aerodrome | 0830 | 8 | 1009.1 | 1008.2 | -0.7 | 25.8 | 24.1 | 23.2 | 28.6 | 86 | + 0 | 7.1 | +1.1 | 17.5 | 0 | 12 | 19 | 12 | 0 | 0 | 0 | 1 | 1 | 3 | 14 | 0 | |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1005.7 | 1005.3 | .. | 27.5 | 25.6 | 24.8 | 31.1 | 85 | .. | 6.5 | .. | 39.5 | 1 | 28 | 2 | 01 | 1 | 0 | 0 | 0 | 3 | 21 | 5 | 0 | |
| | 0830 | 4 | 1007.2 | 1006.8 | -1.6 | 27.7 | 25.8 | 25.0 | 31.5 | 85 | + 0 | 7.3 | +0.9 | 36.7 | 0 | 31 | 0 | 00 | 1 | 0 | 0 | 0 | 4 | 21 | 5 | 0 | |
| | 1130 | 4 | 1007.5 | 1007.1 | .. | 28.4 | 26.2 | 25.3 | 32.2 | 83 | .. | 6.7 | .. | 35.9 | 2 | 25 | 4 | 00 | 1 | 0 | 0 | 0 | 3 | 21 | 6 | 0 | |
| | 1730 | 4 | 1005.4 | 1005.0 | .. | 28.4 | 26.3 | 25.4 | 32.6 | 84 | .. | 7.3 | .. | 35.5 | 0 | 29 | 2 | 01 | 0 | 0 | 0 | 0 | 2 | 20 | 8 | 0 | |
| | 2330 | 4 | 1007.6 | 1007.2 | .. | 27.6 | 25.8 | 25.0 | 31.7 | 85 | .. | 6.5 | .. | 35.8 | 0 | 29 | 1 | 00 | 0 | 0 | 0 | 0 | 2 | 22 | 6 | 1 | |
| Agatti | 0830 | 4 | 1007.6 | 1007.1 | .. | 27.6 | 26.0 | 25.3 | 32.2 | 87 | .. | 7.1 | .. | 25.6 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 2 | 23 | 6 | 0 | |
| | 1730 | 4 | 1006.2 | 1005.7 | .. | 28.2 | 26.7 | 26.1 | 33.8 | 89 | .. | 7.1 | .. | 23.3 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 0 | 2 | 24 | 5 | 0 | |
| Androth | 0830 | 5 | 1008.1 | 1007.6 | .. | 26.8 | 25.5 | 24.9 | 31.5 | 89 | .. | 6.8 | .. | 5.2 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 0 | 2 | 16 | 4 | 4 | |
| | 1730 | 5 | 1006.1 | 1005.6 | .. | 28.9 | 26.2 | 25.5 | 32.6 | 87 | .. | 7.1 | .. | 6.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 2 | 15 | 9 | 2 | |
| Minicoy | 0530 | 2 | 1007.7 | 1007.5 | .. | 26.9 | 24.6 | 23.6 | 28.9 | 82 | .. | 6.6 | .. | 13.7 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 1 | 26 | 3 | 1 | |
| | 0830 | 2 | 1009.2 | 1009.0 | -0.8 | 27.3 | 25.0 | 24.0 | 29.7 | 82 | + 1 | 7.2 | +1.2 | 12.8 | 0 | 6 | 23 | 00 | 0 | 0 | 0 | 0 | 1 | 23 | 5 | 2 | |
| | 1130 | 2 | 1009.5 | 1009.3 | .. | 28.6 | 25.6 | 24.2 | 30.4 | 78 | .. | 7.1 | .. | 13.5 | 0 | 6 | 25 | 01 | 0 | 0 | 0 | 0 | 0 | 23 | 7 | 0 | |
| | 1430 | 2 | 1008.0 | 1007.8 | .. | 28.7 | 25.5 | 24.1 | 30.0 | 76 | .. | 7.3 | .. | 14.1 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | |
| | 1730 | 2 | 1007.3 | 1007.1 | -0.7 | 27.9 | 25.2 | 24.0 | 29.7 | 79 | - 1 | 7.2 | +0.3 | 14.3 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | |
| | 2030 | 2 | 1008.8 | 1008.6 | .. | 27.4 | 24.9 | 23.8 | 29.3 | 81 | .. | 6.3 | .. | 17.0 | 0 | 13 | 17 | 00 | 0 | 0 | 0 | 0 | 1 | 25 | 4 | 1 | |
| | 2330 | 2 | 1009.5 | 1009.3 | .. | 27.1 | 24.8 | 23.8 | 29.3 | 82 | .. | 6.7 | .. | 18.8 | 0 | 17 | 13 | 00 | 0 | 0 | 0 | 0 | 2 | 22 | 5 | 1 | |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1388.5 | 796.0 | +0.9 | 19.0 | 17.4 | 16.1 | 18.3 | 83 | - 3 | 2.6 | -1.7 | 0.3 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | |
| | 1730 | 1959 | 1365.3 | 794.3 | -0.3 | 22.0 | 19.0 | 17.4 | 19.9 | 77 | - 8 | 2.4 | -2.4 | 0.2 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | |
| Dharmsala | 0830 | 1211 | 1469.0 | 875.5 | -1.1 | 24.2 | 20.5 | 18.4 | 21.1 | 71 | - 9 | 5.4 | -0.3 | 1.6 | 0 | 0 | 22 | 07 | 4 | 2 | 0 | 1 | 1 | 3 | 4 | 9 | |
| | 1730 | 1211 | 1451.9 | 873.7 | -1.4 | 25.8 | 22.0 | 20.1 | 23.5 | 72 | - 4 | 5.5 | +0.0 | 2.0 | 0 | 0 | 28 | 01 | 3 | 2 | 2 | 2 | 12 | 3 | 3 | 3 | |
| Bhuntar | 0830 | 1067 | 1429.3 | 883.4 | .. | 22.5 | 19.8 | 18.3 | 21.0 | 78 | .. | 5.1 | .. | 3.1 | 0 | 0 | 19 | 05 | 1 | 3 | 4 | 4 | 0 | 0 | 2 | 12 | |
| | 1130 | 1067 | 1426.7 | 882.6 | .. | 27.2 | 21.3 | 18.1 | 20.7 | 60 | .. | 5.3 | .. | .. | 0 | 6 | 23 | 01 | 2 | 2 | 8 | 14 | 1 | 1 | 0 | 2 | |
| | 1730 | 1067 | 1402.0 | 880.1 | .. | 27.9 | 21.3 | 17.8 | 20.3 | 56 | .. | 5.0 | .. | 13.7 | 0 | 8 | 22 | 01 | 0 | 5 | 12 | 10 | 1 | 0 | 1 | 1 | |
| Simla | 0830 | 2202 | 1423.9 | 777.0 | +0.2 | 18.5 | 15.8 | 14.0 | 16.0 | 78 | - 8 | 4.7 | -1.7 | 0.2[e] | 0 | 0 | 3 | 00 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 23 | |
| | 1730 | 2202 | 1408.5 | 776.0 | +0.3 | 19.8 | 17.1 | 15.9 | 17.9 | 78 | -10 | 4.9 | -1.8 | 0.5[d] | 0 | 0 | 7 | 01 | 0 | 0 | 1 | 1 | 2 | 0 | 2 | 20 | |
| Changaria (Kanjalia Tok) | 0830 | | .. | .. | .. | 11.7 | 10.8 | 10.2 | 12.4 | 91 | .. | 6.0 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 805.1 | +0.0 | 19.6 | 17.1 | 16.1 | 18.3 | 78 | -11 | 5.3 | -0.9 | 5.4 | 0 | 0 | 31 | 02 | 8 | 8 | 0 | 0 | 3 | 6 | 4 | 0 | |
| | 1730 | | .. | 803.0 | +0.2 | 22.3 | 18.1 | 15.9 | 18.1 | 69 | - 6 | 5.9 | -1.1 | 7.2 | 0 | 0 | 31 | 03 | 5 | 4 | 0 | 1 | 4 | 4 | 9 | 0 | |
| Mussoorie | 0830 | 2042 | 1425.0 | 791.6 | -1.2 | 18.4 | 16.8 | 15.9 | 18.0 | 87 | - 6 | 5 5 | -1.1 | 1.5 | 0 | 0 | 16 | 03 | 1 | 0 | 0 | 5 | 5 | 0 | 2 | 15 | |
| | 1730 | 2042 | 1406.6 | 790.1 | -1.3 | 19.5 | 17.8 | 17.0 | 19.4 | 85 | -10 | 5.9 | -1.0 | 1.9 | 0 | 0 | 22 | 04 | 2 | 0 | 4 | 8 | 3 | 0 | 1 | 9 | |
| Mukteswar (Kumaun) | 0830 | 2311 | 3100.0 | 768.7 | +0.9 | 16.9 | 15.3 | 14.3 | 16.3 | 86 | - 6 | 5.6 | -1.1 | 10.3 | 0 | 4 | 24 | 00 | 4 | 5 | 0 | 0 | 2 | 11 | 6 | 3 | |
| | 1730 | 2311 | 3086.6 | 766.9 | +0.6 | 19.1 | 17.0 | 15.8 | 17.9 | 82 | - 8 | 5.4 | -0.4 | 13.0 | 0 | 5 | 25 | 00 | 1 | 2 | 2 | 1 | 4 | 13 | 7 | 1 | |
| Nainital | 0830 | 1953 | 1423.1 | 799.8 | +0.2 | 19.3 | 16.7 | 15.1 | 17.1 | 73 | -13 | 5.5 | -1.4 | 8.3 | 0 | 1 | 25 | 04 | 6 | 7 | 7 | 0 | 0 | 1 | 1 | 5 | |
| | 1730 | 1953 | 1400.5 | 797.8 | -0.2 | 19.9 | 17.3 | 15.8 | 17.9 | 78 | - 9 | 4.2 | -2.7 | 7.8 | 0 | 0 | 30 | 04 | 1 | 8 | 7 | 1 | 0 | 9 | 0 | 1 | |
| Kalimpong | 0830 | 1209 | 1468.1 | 875.9 | +2.3 | 21.5 | 20.4 | 19.9 | 23.2 | 90 | + 3 | 5.2 | -0.7 | 3.9 | 0 | 0 | 31 | 00 | 3 | 0 | 21 | 0 | 0 | 0 | 7 | 0 | |
| | 1730 | 1209 | 1442.7 | 873.1 | +1.8 | 22.8 | 21.0 | 20.1 | 23.5 | 85 | - 7 | 5.2 | -0.3 | 3.7 | 0 | 0 | 30 | 00 | 1 | 0 | 26 | 0 | 2 | 0 | 1 | 1 | |
| Darjeeling | 0830 | 2128 | 1456.3 | 786.6 | -0.9 | 17.7 | 17.3 | 17.1 | 19.5 | 96 | + 5 | 8.0 | +0.6 | 1.3 | 0 | 0 | 8 | 03 | 0 | 0 | 0 | 0 | 2 | 1 | 0 | 23 | |
| | 1730 | 2128 | 1434.8 | 784.6 | -1.2 | 17.4 | 17.2 | 17.1 | 19.5 | 98 | + 4 | 7.8 | +0.3 | 0.9 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 25 | |
| Kohima | 0830 | 1406 | 1571.1 | 866.4 | +8.2 | 21.3 | 19.7 | 18.9 | 21.8 | 87 | - 2 | 7.8 | +0.3 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | |
| | 1730 | 1406 | 1517.9 | 861.2 | +4.7 | 22.5 | 20.8 | 19.9 | 23.2 | 86 | - 6 | 7.9 | +0.8 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | |
| Shillong (C.S.O.) | 0830 | 1598 | 1439.2 | 834.8 | +1.0 | 21.4 | 19.3 | 18.3 | 21.0 | 83 | + 4 | 6.9 | -1.0 | 2.6 | 0 | 0 | 18 | 01 | 0 | 0 | 4 | 3 | 5 | 3 | 2 | 13 | |
| | 1730 | 1598 | 1417.6 | 832.7 | +1.3 | 20.8 | 19.2 | 18.4 | 21.1 | 87 | + 8 | 6.9 | -0.3 | 2.2 | 0 | 1 | 11 | 01 | 0 | 0 | 3 | 0 | 4 | 2 | 2 | 19 | |
| Cherrapunji | 0830 | 1313 | 1458.6 | 864.4 | +1.0 | 20.3 | 19.4 | 18.9 | 21.8 | 93 | + 0 | . | .. | 8.7[b] | 0 | 0 | 29 | 00 | 12 | 0 | 1 | 0 | 16 | 0 | 0 | 0 | |
| | 1730 | 1313 | 1446.0 | 863.1 | +1.9 | 20.7 | 19.5 | 18.9 | 21.8 | 90 | - 4 | . | .. | 10.1[b] | 0 | 0 | 29 | 00 | 8 | 0 | 0 | 0 | 20 | 0 | 1 | 0 | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - JULY 1966 ( ASADHA 10 - SRAVANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Abu | 0830 | 1195 | 1436.1 | 874.3 | +1.2 | 21.5 | 19.4 | 17.8 | 20.4 | 84 | - 6 | 5.1 | -1.7 | 2.1 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 7 | 8 | 0 | 0 | 16 | 0 |
| | 1730 | 1195 | 1417.7 | 872.2 | +0.2 | 24.6 | 21.1 | 19.3 | 22.4 | 76 | -15 | 4.4 | -2.1 | 2.4 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 8 | 9 | 0 | 0 | 14 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1437.2 | 886.3 | +0.0 | 22.7 | 20.8 | 19.8 | 23.2 | 85 | - 6 | 6.7 | -0.9 | 4.6 | 0 | 0 | 29 | 00 | 1 | 1 | 1 | 1 | 1 | 11 | 13 | 2 | 0 |
| | 1730 | 1075 | 1417.6 | 883.9 | -0.4 | 26.4 | 21.6 | 18.7 | 22.2 | 69 | -18 | 7.0 | -0.4 | 4.6 | 0 | 0 | 28 | 00 | 2 | 0 | 0 | 1 | 0 | 10 | 15 | 3 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1458.0 | 857.8 | -0.3 | 18.3 | 18.3 | 18.3 | 21.0 | 100 | + 5 | 7.4 | -0.6 | 15.6 | 0 | 1 | 30 | 01 | 1 | 0 | 0 | 0 | 27 | 0 | 2 | 0 | 0 |
| | 1730 | 1382 | 1441.0 | 856.1 | -0.7 | 18.9 | 18.8 | 18.7 | 21.6 | 99 | - 1 | 7.7 | +0.4 | 14.1 | 0 | 1 | 30 | 01 | 0 | 0 | 0 | 0 | 27 | 0 | 3 | 0 | 0 |
| Mercara | 0830 | 1152 | 1477.8 | 883.1 | -0.5 | 18.9 | 18.5 | 18.3 | 21.0 | 93 | - 4 | 7.8 | +0.5 | 20.9 | 0 | 14 | 17 | 01 | 1 | 0 | 0 | 2 | 0 | 25 | 1 | 0 | 1 |
| | 1730 | 1152 | 1465.0 | 881.7 | -0.5 | 19.6 | 19.0 | 18.6 | 21.6 | 94 | - 4 | 7.8 | +0.7 | 20.5 | 0 | 14 | 17 | 01 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 |
| Ootacamund | 0830 | 2249 | 1487.3 | 777.7 | +0.1 | 13.3 | 12.7 | 12.3 | 14.3 | 93 | + 2 | 6.3 | -0.2 | 6.0 | 0 | 0 | 23 | 02 | 0 | 0 | 0 | 0 | 10 | 11 | 0 | 8 | 0 |
| | 1730 | 2249 | 1461.2 | 775.6 | -0.9 | 14.7 | 13.7 | 13.3 | 15.1 | 91 | + 2 | 7.1 | +0.0 | 6.8 | 0 | 0 | 25 | 01 | 1 | 0 | 0 | 1 | 6 | 16 | 0 | 6 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 18.8 | 15.7 | 13.8 | 15.9 | 73 | + 2 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3124.7 | 768.9 | -0.6 | 13.9 | 12.7 | 11.8 | 13.9 | 87 | + 6 | 7.1 | +0.9 | 12.0 | 0 | 7 | 22 | 00 | 0 | 0 | 0 | 0 | 1 | 18 | 10 | 2 | 0 |
| | 1130 | 2343 | 3133.2 | 769.1 | .. | 15.9 | 14.1 | 12.9 | 14.9 | 83 | .. | 7.4 | .. | 13.2 | 0 | 8 | 22 | 00 | 1 | 1 | 4 | 0 | 2 | 14 | 8 | 1 | 0 |
| | 1730 | 2343 | 3111.0 | 767.6 | -0.7 | 14.1 | 13.2 | 12.6 | 14.6 | 91 | + 2 | 7.7 | +0.3 | 13.1 | 0 | 10 | 20 | 01 | 0 | 1 | 1 | 1 | 1 | 18 | 7 | 1 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1433.4 | 860.9 | -1.4 | 22.7 | 20.8 | 19.8 | 23.2 | 84 | + 2 | 5.9 | -0.7 | 0.2 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1130 | 1324 | 1428.9 | 860.4 | .. | 25.7 | 21.8 | 19.9 | 23.2 | 71 | .. | 6.4 | .. | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 1324 | 1408.0 | 858.4 | -1.5 | 24.4 | 21.9 | 20.6 | 24.3 | 80 | - 1 | 6.4 | -0.3 | 0.9 | 0 | 0 | 8 | 03 | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 23 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 13.9 | 12.6 | 11.7 | 13.7 | 87 | + 0 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 29.2 | 25.5 | 23.9 | 29.7 | 74 | .. | 5.6 | .. | 10.0 | 0 | 3 | 26 | 00 | 1 | 11 | 3 | 2 | 2 | 8 | 2 | 2 | 0 |
| | 1730 | | .. | .. | .. | 30.6 | 26.4 | 23.5 | 28.9 | 66 | .. | 6.0 | .. | 10.2 | 0 | 2 | 29 | 01 | 1 | 11 | 5 | 1 | 0 | 9 | 3 | 0 | 0 |
| Hazaribagh | 0830 | 615 | 998.7 | 932.1 | .. | 27.0 | 25.3 | 24.7 | 31.1 | 87 | .. | 5.5 | .. | 4.1 | 0 | 0 | 22 | 00 | 1 | 7 | 3 | 0 | 5 | 2 | 4 | 9 | 0 |
| | 1730 | 615 | 995.9 | 929.6 | .. | 27.8 | 26.2 | 25.6 | 32.8 | 88 | .. | 6.6 | .. | 4.4 | 0 | 0 | 24 | 00 | 1 | 6 | 6 | 0 | 4 | 4 | 3 | 7 | 0 |
| Konar | 0830 | | .. | .. | .. | 26.0[a] | 21.5[a] | 18.9[a] | 21.8[a] | 66[a] | .. | 2.9 | .. | 3.6 | 0 | 0 | 31 | 00 | 1 | 1 | 1 | 0 | 0 | 23 | 5 | 0 | 0 |
| | 1730 | | .. | .. | .. | 27.4[a] | 22.8[a] | 20.5[a] | 24.1[a] | 67[a] | .. | 1.1 | .. | 3.4 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 0 | 24 | 6 | 0 | 0 |
| Bokaro | 0830 | 242 | 998.7 | 972.2 | .. | 29.7 | 26.7 | 25.4 | 32.4 | 78 | .. | 4.7 | .. | 5.1 | 0 | 0 | 27 | 00 | 4 | 9 | 7 | 1 | 2 | 3 | 1 | 4 | 0 |
| | 1730 | 242 | 998.3 | 971.8 | .. | 30.4 | 26.5 | 24.9 | 31.5 | 73 | .. | 4.9 | .. | 3.5 | 0 | 0 | 27 | 00 | 1 | 9 | 9 | 2 | 3 | 1 | 2 | 4 | 0 |
| Maithon | 0830 | | .. | .. | .. | 29.9 | 26.7 | 25.5 | 32.6 | 77 | .. | 5.1 | .. | .. | 0[E] | 0 | 31 | 00[E] | 2 | 4 | 16 | 0 | 9 | 0 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 31.1 | 27.0 | 25.4 | 32.4 | 73 | .. | 5.3 | .. | .. | 0[E] | 0 | 31 | 00[E] | 2 | 2 | 16 | 0 | 10 | 0 | 1 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 27.6 | 24.4 | 23.0 | 28.1 | 76 | .. | 6.6 | .. | 7.9[m] | 0 | 1 | 17 | 02 | 1 | 9 | 4 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 30.3 | 25.8 | 23.8 | 29.5 | 69 | .. | 6.2 | .. | 6.3[m] | 0 | 0 | 18 | 02 | 4 | 3 | 6 | 1 | 1 | 0 | 1 | 0 | 0 |
| Panchet Hills | 0830 | | .. | .. | .. | 29.7 | 26.8 | 25.6 | 32.8 | 80 | .. | 5.0 | .. | 7.9 | 0 | 1 | 23 | 00 | 6 | 0 | 10 | 0 | 7 | 0 | 1 | 7 | 0 |
| | 1730 | | .. | .. | .. | 30.5 | 27.1 | 25.7 | 33.0 | 77 | .. | 5.0 | .. | 5.1 | 0 | 1 | 17 | 00 | 6 | 0 | 7 | 0 | 2 | 0 | 3 | 13 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 29.7 | 26.7 | 25.4 | 32.4 | 78 | .. | 7.1 | .. | 7.0 | 0 | 0 | 31 | 00 | 2 | 1 | 12 | 12 | 3 | 1 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 30.7 | 26.8 | 25.2 | 32.1 | 73 | .. | 6.8 | .. | 8.9 | 0 | 0 | 30 | 01 | 3 | 3 | 3 | 18 | 0 | 1 | 1 | 1 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 28.0 | 25.1 | 23.9 | 29.7 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 999.7 | 982.0 | .. | 28.8 | 26.2 | 25.1 | 32.0 | 81 | .. | 5.1 | .. | 4.1 | 0 | 0 | 24 | 01 | 0 | 3 | 3 | 5 | 8 | 3 | 1 | 7 | 0 |
| | 1130 | 159 | 999.2 | 981.7 | .. | 30.9 | 26.8 | 25.1 | 31.9 | 69 | .. | 4.9 | .. | 4.3 | 0 | 0 | 25 | 02 | 0 | 3 | 0 | 1 | 8 | 7 | 4 | 6 | 0 |
| | 1730 | 159 | 996.7 | 979.3 | .. | 29.9 | 26.6 | 25.2 | 32.1 | 78 | .. | 6.1 | .. | 3.0 | 0 | 0 | 17 | 00 | 0 | 2 | 1 | 3 | 6 | 2 | 2 | 14 | 1 |
| Bhimkund | 0830 | | .. | .. | .. | 27.9 | 25.4 | 24.4 | 30.5 | 82 | .. | 6.2 | .. | 0.0 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 1730 | | .. | .. | .. | 27.9 | 25.5 | 24.4 | 30.5 | 82 | .. | 6.7 | .. | 0.0 | 0 | 0 | 6 | 00 | 2 | 0 | 0 | 0 | 2 | 0 | 2 | 25 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 29.0 | 26.3 | 25.2 | 32.1 | 80 | .. | . | .. | 6.7 | 0 | 5 | 10 | 00 | 0 | 3 | 0 | 1 | 0 | 11 | 0 | 16 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 26.8 | 24.0 | 22.6 | 27.6 | 79 | .. | 7.7 | .. | 9.7 | 0 | 2 | 27 | 00 | 3 | 0 | 2 | 1 | 10 | 5 | 8 | 2 | 0 |
| | 1730 | | .. | .. | .. | 28.6 | 24.6 | 22.8 | 27.6 | 72 | .. | 7.5 | .. | 9.0 | 0 | 1 | 29 | 02 | 4 | 1 | 3 | 3 | 8 | 5 | 4 | 1 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 27.8 | 24.6 | 23.1 | 28.3 | 78 | .. | 6.5 | .. | 17.4 | 0 | 10 | 20 | 00 | 0 | 0 | 0 | 3 | 20 | 5 | 2 | 1 | 0 |
| | 1730 | | .. | .. | .. | 31.8 | 25.3 | 22.2 | 26.9 | 62 | .. | 6.5 | .. | 16.3 | 0 | 10 | 20 | 02 | 1 | 0 | 0 | 3 | 13 | 9 | 2 | 1 | 0 |
| Punasa | 0830 | | .. | .. | .. | 27.6 | .. | .. | .. | . | .. | . | .. | 14.1 | 0 | 7 | 24 | 00 | 5 | 0 | 2 | 1 | 16 | 5 | 2 | 0 | 0 |
| | 1730 | | .. | .. | .. | 31.6 | .. | .. | .. | . | .. | . | .. | 11.0 | 0 | 2 | 29 | 00 | 5 | 0 | 0 | 0 | 18 | 6 | 2 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 28.6 | 25.4 | 23.9 | 29.8 | 76 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Darei | 0830 | | .. | .. | .. | 27.8 | 25.0 | 23.8 | 29.3 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 33.3 | 25.8 | 22.1 | 26.9 | 55 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 19.0 | 15.8 | 14.1 | 16.2 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GANDAK CATCHMENT (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom (contd.) | 1730 | | .. | .. | .. | 19.9 | 16.4 | 14.6 | 16.7 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 24.0 | 22.2 | 21.3 | 25.4 | 85 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.7 | 23.7 | 22.8 | 27.8 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | | .. | .. | .. | 21.4 | 19.1 | 18.0 | 20.7 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.2 | 19.5 | 18.2 | 20.9 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 24.1 | 22.6 | 22.0 | 26.4 | 88 | .. | 6.3 | .. | 0.3 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 27 | 0 |
| | 1130 | | .. | .. | .. | 26.7 | 23.5 | 22.1 | 26.6 | 76 | .. | 6.5 | .. | 1.9 | 0 | 0 | 17 | 01 | 1 | 2 | 9 | 3 | 0 | 0 | 1 | 14 | 0 |
| | 1730 | | .. | .. | .. | 26.7 | 23.7 | 22.5 | 27.3 | 79 | .. | 6.1 | .. | 1.3 | 0 | 0 | 17 | 03 | 1 | 1 | 6 | 3 | 1 | 0 | 2 | 14 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 22.5 | 21.6 | 21.2 | 25.2 | 92 | .. | 6.9 | .. | .. | . | .. | .. | 00 | 6 | 1 | 1 | 0 | 6 | 2 | 1 | 14 | 0 |
| | 1130 | | .. | .. | .. | 24.8 | 23.0 | 22.2 | 26.7 | 85 | .. | 6.4 | .. | .. | . | .. | .. | 00 | 2 | 1 | 1 | 2 | 17 | 2 | 0 | 6 | 0 |
| | 1730 | | .. | .. | .. | 25.0 | 22.7 | 21.6 | 25.8 | 82 | .. | 5.7 | .. | .. | . | .. | .. | 00 | 0 | 1 | 1 | 0 | 14 | 3 | 1 | 11 | 0 |
| Nuwakot | 0830 | | .. | .. | .. | 23.9 | 22.8 | 22.3 | 27.0 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.8 | 23.1 | 21.9 | 26.3 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 22.3 | 20.5 | 19.5 | 22.7 | 85 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.6 | 21.7 | 20.8 | 24.5 | 85 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | This station has not been functioning since 28.5.1966. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | | .. | .. | .. | 22.7 | 21.1 | 20.3 | 23.8 | 86 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.6 | 21.1 | 19.8 | 23.2 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 28.0 | 25.9 | 25.0 | 31.7 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 30.1 | 26.9 | 25.6 | 32.8 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | .. | .. | .. | 20.1 | 19.3 | 18.8 | 21.7 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.2 | 20.1 | 19.6 | 22.6 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Walungchung Gola | 0830 | | .. | .. | .. | 13.1 | 12.1 | 11.5 | 13.6 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.7 | 12.3 | 12.1 | 14.2 | 96 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 22.4 | 20.9 | 20.2 | 23.7 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.8 | 20.4 | 19.6 | 22.9 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 20.8 | 19.6 | 19.1 | 22.2 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 20.1 | 19.3 | 18.9 | 21.8 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 19.7 | 19.1 | 18.8 | 21.7 | 94 | .. | 7.4 | .. | .. | . | .. | .. | 00 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 28 | 0 |
| | 1130 | | .. | .. | .. | 22.3 | 20.5 | 19.7 | 23.0 | 86 | .. | 6.7 | .. | .. | . | .. | .. | 06 | 0 | 0 | 1 | 4 | 2 | 5 | 1 | 12 | 0 |
| | 1730 | | .. | .. | .. | 21.1 | 19.5 | 18.7 | 21.5 | 87 | .. | 7.0 | .. | .. | . | .. | .. | 01 | 0 | 0 | 5 | 6 | 1 | 1 | 0 | 17 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 19.5 | 18.9 | 18.6 | 21.5 | 95 | .. | 6.7 | .. | 0.9 | 0 | 0 | 8 | 00 | 0 | 0 | 3 | 3 | 0 | 2 | 0 | 23 | 0 |
| | 1130 | | .. | .. | .. | 21.5 | 20.0 | 19.3 | 22.4 | 87 | .. | 6.5 | .. | 1.3 | 0 | 0 | 13 | 00 | 0 | 0 | 2 | 5 | 1 | 5 | 0 | 18 | 0 |
| | 1730 | | .. | .. | .. | 20.2 | 19.4 | 19.0 | 22.1 | 93 | .. | 6.[illegible] | .. | 2.7 | 0 | 0 | 17 | 00 | 1 | 0 | 3 | 1 | 0 | 11 | 1 | 14 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 22.5 | 21.2 | 20.5 | 24.1 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.3 | 21.5 | 20.6 | 24.3 | 85 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | | .. | .. | .. | 23.6 | 21.9 | 21.1 | 25.1 | 86 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.8 | 21.9 | 21.0 | 24.9 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1000.5 | 984.2 | .. | 27.2 | 25.6 | 25.0 | 31.6 | 88 | .. | 6.3 | .. | 1.2 | 0 | 0 | 17 | 00 | 2 | 0 | 0 | 1 | 6 | 1 | 7 | 14 | 0 |
| | 1130 | 146 | 1000.1 | 983.9 | .. | 28.5 | 26.2 | 25.2 | 32.1 | 83 | .. | 6.8 | .. | 2.8 | 0 | 0 | 28 | 00 | 2 | 0 | 2 | 1 | 17 | 4 | 1 | 3 | 1 |
| | 1730 | 146 | 997.4 | 981.2 | .. | 28.1 | 26.4 | 25.7 | 33.0 | 87 | .. | 6.2 | .. | 0.9 | 0 | 0 | 11 | 00 | 0 | 0 | 1 | 1 | 5 | 2 | 2 | 20 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1436.8 | 814.1 | .. | 19.3 | 18.5 | 18.2 | 20.9 | 94 | .. | 7.5 | .. | .. | 0 | 0 | 7 | 05 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 24 | 0 |
| | 1130 | 1812 | 1432.2 | 813.9 | .. | 21.0 | 19.6 | 18.9 | 21.9 | 88 | .. | 7.0 | .. | .. | 0 | 0 | 16 | 00 | 5 | 1 | 1 | 7 | 2 | 0 | 0 | 15 | 0 |
| | 1730 | 1812 | 1412.8 | 812.0 | .. | 20.4 | 19.2 | 18.6 | 21.5 | 90 | .. | 7.6 | .. | .. | 0 | 0 | 13 | 01 | 1 | 0 | 3 | 6 | 2 | 0 | 0 | 18 | 0 |
| Gezing | 0830 | | .. | .. | .. | 20.5 | 19.9 | 19.6 | 22.9 | 95 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.5 | 20.4 | 20.0 | 23.3 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 5 stations in India. Out of these, at 40 stations all the observations were taken by means of ilot balloons and at 15 stations some observations were made by means of pilot balloons while he other observations by the radiowind method. In the case of Bangalore, the observations were aken by following radiosonde balloon by means of an optical theodolite. Particulars of these tations, their co-ordinates and the approximate times of the regular pilot balloon and rawin scents at each station are given in the table overleaf. All radiowind ascents have been indicated y means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the ıcheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. ıbove mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights:-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5,4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

** ** **

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| S.No. | Station | Latitude | Longitude | Height of anemometer head a.m.s.l. in metres | Date of Opening ** | Approximate times of flight (I. S. T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ° ' N | ° ' E | | | | | | |
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530* | 1130 | 1730* | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 279 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530@ | 1130 | 1730@ | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santacruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May. 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Jodhpur | 26 18 | 73 01 | 229 | 15th Oct. 1934 | 0530* | 1130 | 1730* | 2330 |
| 38. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530 | | 1730 | 2330 |
| 39. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 40. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 41. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 42. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 43. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 29th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 44. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 45. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 46. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |

(Contd.)

| No. | Station | Latitude | Longitude | Height of anemometer head a.m.s.l. in metres | Date of Opening ** | Approximate times of flight (I. S. T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ° ' N | ° ' E | | | | | | |
| 47. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 48. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 49. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 50. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 51. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 52. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 53. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 54. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr..1942 | 0530 | | 1730 | 2330 |
| 55. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY, 1966 (ASADHA 10 - SRAVANA 9, 1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.0 | 01.7 | 140 | 31 | 02.1 | 01.5 | 180 | 31 | 01.8 | 01.6 | 156 | 31 | 02.3 | 01.8 | 250 | 31 | 26.0 | 02.2 | 240 | 31 | 03.2 | 02.5 | 224 |
| .15 A.G.L. | 26 | 06.4 | 05.4 | 152 | 27 | 05.9 | 05.1 | 183 | 27 | 07.2 | 06.6 | 169 | 31 | 08.0 | 06.3 | 250 | 31 | 04.8 | 04.0 | 245 | 30 | 07.8 | 06.5 | 233 |
| .3A.M.S.L. | 26 | 08.1 | 07.1 | 168 | 27 | 06.5 | 06.0 | 183 | 27 | 08.7 | 08.1 | 177 | 31 | 08.1 | 06.4 | 250 | 31 | 04.9 | 03.8 | 245 | 30 | 08.0 | 06.7 | 231 |
| .6 ,, | 26 | 08.7 | 07.6 | 177 | 27 | 07.6 | 07.2 | 183 | 27 | 10.4 | 09.8 | 183 | 31 | 09.0 | 07.4 | 256 | 31 | 05.7 | 04.5 | 252 | 30 | 08.7 | 07.3 | 232 |
| .9 ,, | 25 | 08.6 | 06.9 | 182 | 26 | 07.7 | 07.2 | 183 | 26 | 09.8 | 09.3 | 187 | 31 | 09.2 | 07.6 | 250 | 27 | 06.1 | 04.5 | 258 | 30 | 08.9 | 07.4 | 235 |
| 1.5 ,, | 25 | 07.3 | 04.9 | 189 | 23 | 07.6 | 06.0 | 181 | 26 | 08.1 | 07.2 | 189 | 31 | 08.3 | 06.3 | 245 | 15 | 06.0 | 03.5 | 244 | 30 | 08.3 | 06.1 | 248 |
| 2.1 ,, | 22 | 07.1 | 03.4 | 196 | 22 | 06.7 | 04.9 | 180 | 17 | 05.8 | 04.2 | 187 | 31 | 06.7 | 03.9 | 235 | 09 | 07.3 | 03.9 | 217 | 30 | 07.0 | 04.8 | 247 |
| 3.0 ,, | 17 | 07.2 | 03.0 | 173 | 14 | 05.0 | 02.7 | 184 | 10 | 05.3 | 04.7 | 167 | 31 | 06.9 | 02.1 | 244 | 04 | 04.5 | 03.6 | 134 | 30 | 06.2 | 02.9 | 241 |
| 3.6 ,, | 08 | 05.7 | 04.1 | 158 | 06 | 06.0 | 04.5 | 150 | 02 | 03.0 | 03.0 | 175 | 31 | 06.8 | 00.3 | 071 | 03 | 04.7 | 03.1 | 149 | 30 | 06.0 | 01.3 | 275 |
| 4.5 ,, | 03 | 05.0 | 04.2 | 110 | 05 | 05.2 | 04.3 | 129 | | | | | 31 | 06.5 | 02.2 | 067 | 03 | 03.7 | 03.0 | 126 | 30 | 07.8 | 01.3 | 037 |
| 5.4 ,, | 01 | 06.0 | 06.0 | 100 | 03 | 04.3 | 02.8 | 176 | | | | | 30 | 07.4 | 03.2 | 056 | 03 | 05.0 | 04.7 | 104 | 30 | 07.9 | 02.0 | 054 |
| 6.0 ,, | 01 | 06.0 | 06.0 | 097 | 03 | 03.3 | 03.2 | 107 | | | | | 30 | 07.3 | 02.4 | 044 | 03 | 05.3 | 04.4 | 105 | 30 | 07.1 | 00.7 | 039 |
| 7.2 ,, | 01 | 09.0 | 09.0 | 082 | 01 | 08.0 | 08.0 | 184 | | | | | 30 | 09.1 | 03.3 | 095 | 03 | 06.3 | 06.3 | 100 | 30 | 08.2 | 01.7 | 058 |
| 9.0 ,, | 01 | 15.0 | 15.0 | 083 | 01 | 12.0 | 12.0 | 180 | | | | | 30 | 09.3 | 06.7 | 093 | 02 | 13.5 | 13.1 | 103 | 30 | 08.2 | 05.1 | 088 |

| STATION | AHMADABAD | | | | ALLAHABAD/RAMBRAULI | | | | | | | | | | | | | | | | AMBALA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.6 | 02.2 | 233 | 31 | 00.7 | 00.2 | 145 | 31 | 01.5 | 00.3 | 259 | 31 | 01.3 | 00.4 | 009 | 31 | 00.4 | 00.1 | 343 | 31 | 01.6 | 01.2 | 119 |
| .15 A.G.L. | 30 | 06.5 | 05.3 | 231 | 31 | 05.9 | 02.6 | 223 | 30 | 04.8 | 01.3 | 268 | 31 | 05.1 | 01.4 | 348 | 30 | 06.2 | 02.0 | 137 | 30 | 06.2 | 03.8 | 124 |
| .3A.M.S.L. | 30 | 07.6 | 05.9 | 234 | 31 | 05.9 | 02.6 | 223 | 30 | 04.9 | 01.3 | 270 | 31 | 05.1 | 01.4 | 348 | 30 | 06.2 | 02.1 | 136 | 30 | 02.8 | 01.9 | 110 |
| .6 ,, | 29 | 08.4 | 07.3 | 241 | 31 | 07.1 | 03.5 | 243 | 30 | 05.6 | 01.3 | 273 | 31 | 05.5 | 01.4 | 345 | 30 | 06.9 | 02.0 | 146 | 30 | 06.5 | 03.6 | 131 |
| .9 ,, | 26 | 08.5 | 07.4 | 244 | 31 | 08.0 | 03.6 | 254 | 30 | 06.2 | 01.2 | 290 | 31 | 05.6 | 01.4 | 352 | 30 | 06.5 | 01.7 | 190 | 29 | 06.2 | 02.2 | 205 |
| 1.5 ,, | 20 | 05.7 | 04.7 | 244 | 31 | 06.5 | 01.8 | 286 | 24 | 07.3 | 04.3 | 295 | 31 | 06.2 | 00.7 | 008 | 30 | 07.2 | 01.9 | 227 | 28 | 06.1 | 01.2 | 273 |
| 2.1 ,, | 13 | 03.2 | 01.3 | 210 | 31 | 06.6 | 02.1 | 320 | 22 | 06.8 | 03.9 | 298 | 31 | 05.8 | 00.7 | 317 | 25 | 06.7 | 01.6 | 233 | 24 | 05.8 | 03.4 | 299 |
| 3.0 ,, | 11 | 05.5 | 02.0 | 130 | 31 | 06.1 | 02.6 | 331 | 15 | 06.3 | 04.0 | 316 | 31 | 06.1 | 00.5 | 292 | 18 | 05.3 | 02.7 | 277 | 16 | 04.5 | 03.7 | 313 |
| 3.6 ,, | 02 | 07.5 | 00.8 | 022 | 31 | 06.2 | 02.6 | 347 | 12 | 04.3 | 02.6 | 343 | 30 | 06.5 | 01.6 | 316 | 07 | 03.6 | 02.6 | 332 | 15 | 04.9 | 02.5 | 308 |
| 4.5 ,, | | | | | 31 | 06.1 | 01.7 | 034 | 09 | 05.4 | 03.2 | 022 | 30 | 05.8 | 01.9 | 330 | 01 | 02.0 | 02.0 | 002 | 09 | 06.2 | 04.1 | 260 |
| 5.4 ,, | | | | | 29 | 06.2 | 00.7 | 117 | 05 | 04.2 | 00.6 | 243 | 30 | 05.9 | 01.3 | 024 | | | | | 09 | 07.0 | 04.7 | 269 |
| 6.0 ,, | | | | | 28 | 06.6 | 02.1 | 115 | 05 | 06.0 | 01.4 | 232 | 30 | 05.6 | 00.5 | 358 | | | | | 08 | 05.6 | 04.9 | 238 |
| 7.2 ,, | | | | | 28 | 06.7 | 02.9 | 106 | | | | | 30 | 06.0 | 01.2 | 115 | | | | | 03 | 05.7 | 05.1 | 221 |
| 9.0 ,, | | | | | 26 | 06.7 | 04.4 | 092 | | | | | 29 | 07.1 | 03.1 | 091 | | | | | 03 | 09.3 | 08.8 | 212 |

| STATION | AMBALA | | | | | | | | | | | | AMINI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.5 | 01.2 | 134 | 31 | 01.9 | 00.4 | 051 | 31 | 01.4 | 00.5 | 094 | 31 | 09.5 | 08.8 | 273 | 31 | 08.6 | 08.0 | 276 | 31 | 09.3 | 08.8 | 276 |
| .15 A.G.L. | 28 | 04.3 | 02.0 | 110 | 31 | 05.0 | 01.7 | 038 | 30 | 06.0 | 01.4 | 036 | 25 | 09.6 | 09.0 | 272 | 30 | 08.8 | 08.2 | 274 | 27 | 09.0 | 08.5 | 274 |
| .3A.M.S.L. | 28 | 02.9 | 01.8 | 118 | 31 | 03.3 | 01.1 | 053 | 30 | 03.0 | 00.8 | 037 | 25 | 10.2 | 09.6 | 273 | 30 | 10.2 | 09.7 | 275 | 27 | 09.9 | 09.4 | 275 |
| .6 ,, | 28 | 04.3 | 02.1 | 122 | 31 | 05.7 | 01.7 | 031 | 30 | 06.0 | 00.9 | 064 | 25 | 12.7 | 12.0 | 276 | 30 | 11.3 | 10.6 | 277 | 27 | 11.6 | 11.2 | 276 |
| .9 ,, | 27 | 04.6 | 01.5 | 118 | 31 | 05.0 | 01.4 | 353 | 30 | 05.6 | 00.4 | 066 | 22 | 14.7 | 14.3 | 279 | 29 | 13.1 | 12.4 | 281 | 25 | 13.1 | 12.8 | 281 |
| 1.5 ,, | 23 | 04.8 | 01.3 | 276 | 31 | 05.3 | 02.3 | 301 | 29 | 05.6 | 02.2 | 276 | 11 | 13.5 | 13.1 | 286 | 20 | 13.9 | 13.3 | 287 | 19 | 13.4 | 13.1 | 285 |
| 2.1 ,, | 18 | 05.8 | 04.0 | 292 | 29 | 06.0 | 03.4 | 293 | 28 | 06.2 | 03.9 | 285 | 07 | 11.4 | 11.0 | 291 | 10 | 08.3 | 07.6 | 292 | 09 | 08.4 | 07.9 | 284 |
| 3.0 ,, | 17 | 06.7 | 04.9 | 302 | 19 | 06.4 | 04.8 | 283 | 26 | 06.4 | 03.8 | 289 | 03 | 09.7 | 07.2 | 289 | 07 | 07.4 | 05.2 | 304 | 02 | 07.5 | 03.9 | 314 |
| 3.6 ,, | 13 | 05.8 | 02.5 | 292 | 16 | 05.9 | 05.0 | 302 | 06 | 06.8 | 06.4 | 316 | 02 | 07.5 | 02.9 | 322 | 05 | 06.2 | 03.3 | 351 | | | | |
| 4.5 ,, | 09 | 03.7 | 00.7 | 217 | 12 | 07.1 | 05.4 | 289 | 03 | 05.0 | 04.3 | 312 | 01 | 09.0 | 09.0 | 040 | 04 | 05.0 | 03.7 | 005 | | | | |
| 5.4 ,, | 07 | 05.0 | 01.0 | 222 | 11 | 07.8 | 06.1 | 281 | 01 | 01.0 | 01.0 | 160 | | | | | 02 | 03.0 | 03.0 | 355 | | | | |
| 6.0 ,, | 06 | 07.0 | 06.5 | 214 | 11 | 07.9 | 06.4 | 277 | 01 | 04.0 | 04.0 | 200 | | | | | 02 | 05.5 | 05.3 | 337 | | | | |
| 7.2 ,, | 02 | 12.0 | 11.7 | 220 | 03 | 07.6 | 06.1 | 235 | 01 | 06.0 | 06.0 | 226 | | | | | 01 | 02.0 | 02.0 | 256 | | | | |
| 9.0 ,, | | | | | 01 | 19.0 | 19.0 | 225 | | | | | | | | | | | | | | | | |

| STATION | ANANTAPUR | | | | | | | | | | | | ASANSOL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.5 | 03.3 | 259 | 31 | 06.2 | 05.9 | 269 | 31 | 06.1 | 05.8 | 266 | 31 | 00.7 | 00.5 | 129 | 31 | 01.5 | 00.7 | 106 | 31 | 01.3 | 00.6 | 144 |
| .15 A.G.L. | 31 | 09.1 | 08.7 | 257 | 27 | 11.4 | 10.9 | 269 | 27 | 12.1 | 11.6 | 257 | 29 | 05.1 | 02.4 | 154 | 31 | 05.0 | 02.3 | 120 | 30 | 05.5 | 03.6 | 148 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 05.4 | 02.4 | 164 | 31 | 05.2 | 02.5 | 122 | 30 | 05.8 | 03.9 | 150 |
| .6 ,, | 31 | 10.0 | 09.7 | 259 | 27 | 10.7 | 10.2 | 269 | 27 | 12.5 | 12.0 | 258 | 29 | 06.6 | 02.2 | 189 | 31 | 06.4 | 03.1 | 132 | 30 | 07.2 | 04.7 | 160 |
| .9 ,, | 31 | 13.4 | 13.0 | 268 | 27 | 11.3 | 11.0 | 268 | 27 | 15.3 | 14.7 | 260 | 27 | 06.6 | 01.5 | 214 | 31 | 07.0 | 02.8 | 136 | 27 | 06.8 | 03.7 | 174 |
| 1.5 ,, | 30 | 15.2 | 14.3 | 277 | 27 | 13.4 | 12.5 | 269 | 27 | 16.6 | 15.7 | 270 | 23 | 06.5 | 00.4 | 161 | 27 | 05.9 | 01.5 | 155 | 27 | 06.1 | 01.7 | 173 |
| 2.1 ,, | 24 | 11.0 | 09.6 | 282 | 16 | 10.6 | 09.2 | 274 | 16 | 09.9 | 08.2 | 275 | 22 | 06.4 | 00.7 | 309 | 22 | 05.9 | 01.3 | 127 | 20 | 05.1 | 00.7 | 083 |
| 3.0 ,, | 09 | 05.4 | 02.9 | 272 | 07 | 06.7 | 03.2 | 266 | 05 | 03.8 | 01.0 | 166 | 19 | 06.2 | 00.9 | 358 | 14 | 05.6 | 01.0 | 092 | 14 | 04.4 | 01.0 | 110 |
| 3.6 ,, | 06 | 04.5 | 01.6 | 247 | 05 | 05.2 | 01.2 | 205 | 03 | 06.7 | 03.0 | 194 | 15 | 05.8 | 00.7 | 034 | 09 | 05.8 | 01.5 | 320 | 08 | 05.9 | 01.3 | 122 |
| 4.5 ,, | 03 | 04.3 | 02.4 | 199 | 03 | 04.3 | 03.5 | 178 | 01 | 04.0 | 04.0 | 110 | 11 | 04.5 | 02.3 | 113 | 07 | 06.1 | 01.6 | 009 | 03 | 05.0 | 02.9 | 122 |
| 5.4 ,, | 02 | 05.5 | 01.9 | 187 | 01 | 01.0 | 01.0 | 110 | 01 | 08.0 | 08.0 | 120 | 07 | 04.4 | 03.5 | 119 | 04 | 07.7 | 02.1 | 360 | 02 | 04.0 | 02.8 | 109 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 055 | 01 | 02.0 | 02.0 | 125 | | | | | 05 | 05.4 | 04.2 | 095 | 02 | 06.5 | 01.8 | 297 | 02 | 04.0 | 03.1 | 133 |
| 7.2 ,, | | | | | | | | | | | | | 04 | 06.0 | 05.7 | 103 | 02 | 06.5 | 01.6 | 095 | | | | |
| 9.0 ,, | | | | | | | | | | | | | 03 | 09.3 | 09.1 | 098 | 01 | 06.0 | 06.0 | 252 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.6 | 03.2 | 261 | 31 | 05.4 | 04.0 | 278 | 31 | 03.8 | 03.6 | 267 | 31 | 01.8 | 01.3 | 100 | 31 | 02.0 | 01.2 | 103 | 31 | 01.8 | 00.5 | 118 |
| .15 A.G.L. | 29 | 06.9 | 06.1 | 272 | 28 | 07.7 | 06.2 | 277 | 25 | 08.1 | 07.0 | 277 | 24 | 06.8 | 04.2 | 110 | 27 | 04.8 | 03.0 | 117 | 31 | 05.2 | 01.6 | 135 |
| .3A.M.S.L. | | | | | | | | | | | | | 24 | 06.9 | 04.4 | 112 | 27 | 04.9 | 03.1 | 117 | 31 | 03.0 | 01.6 | 130 |
| .6 ,, | | | | | | | | | | | | | 24 | 07.1 | 03.4 | 138 | 27 | 05.9 | 03.5 | 127 | 31 | 06.1 | 01.6 | 112 |
| .9 ,, | 29 | 08.5 | 07.7 | 279 | 28 | 07.9 | 06.8 | 279 | 25 | 09.6 | 08.5 | 281 | 24 | 06.8 | 01.9 | 191 | 25 | 05.9 | 02.4 | 132 | 28 | 05.2 | 00.6 | 016 |
| 1.5 ,, | 25 | 09.0 | 07.5 | 278 | 24 | 09.3 | 07.6 | 276 | 22 | 08.7 | 07.1 | 276 | 17 | 06.3 | 00.9 | 235 | 14 | 06.5 | 04.1 | 288 | 26 | 06.2 | 01.7 | 280 |
| 2.1 ,, | 19 | 06.4 | 03.9 | 273 | 19 | 06.7 | 04.5 | 282 | 19 | 05.7 | 03.6 | 236 | 12 | 05.8 | 04.4 | 305 | 10 | 05.0 | 03.6 | 297 | 22 | 06.9 | 01.3 | 322 |
| 3.0 ,, | 13 | 05.9 | 02.4 | 287 | 08 | 07.4 | 02.8 | 005 | 16 | 06.1 | 01.3 | 281 | 06 | 04.1 | 02.7 | 301 | 02 | 02.5 | 02.3 | 328 | 10 | 08.0 | 04.2 | 282 |
| 3.6 ,, | 05 | 05.0 | 00.6 | 079 | 04 | 09.7 | 03.5 | 360 | 09 | 06.0 | 08.1 | 168 | 04 | 02.5 | 01.1 | 079 | 02 | 02.5 | 02.5 | 344 | 03 | 03.0 | 02.0 | 051 |
| 4.5 ,, | | | | | 01 | 17.0 | 17.0 | 277 | 01 | 01.0 | 01.0 | 143 | 04 | 02.2 | 01.6 | 177 | 01 | 02.0 | 02.0 | 090 | 01 | 03.0 | 03.0 | 055 |
| 5.4 ,, | | | | | 01 | 19.0 | 19.0 | 265 | 01 | 02.0 | 02.0 | 122 | 04 | 04.5 | 04.3 | 165 | 01 | 05.0 | 05.0 | 150 | | | | |
| 6.0 ,, | | | | | 01 | 18.0 | 18.0 | 260 | | | | | 04 | 07.8 | 07.1 | 180 | 01 | 05.0 | 05.0 | 190 | | | | |
| 7.2 ,, | | | | | | | | | | | | | 03 | 08.3 | 08.1 | 175 | 01 | 07.0 | 07.0 | 185 | | | | |
| 9.0 ,, | | | | | | | | | | | | | 01 | 10.0 | 10.0 | 150 | 01 | 13.0 | 13.0 | 180 | | | | |

| STATION | BANGALORE | | | | | | | | | | | | | | | | BAREILLY | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530@ | | | | 1130 | | | | 1730@ | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.5 | 04.2 | 246 | 31 | 05.3 | 04.6 | 257 | 31 | 05.3 | 04.8 | 267 | 31 | 04.3 | 03.9 | 249 | 31 | 01.3 | 00.9 | 074 | 31 | 01.6 | 00.3 | 010 |
| .15 A.G.L. | 17 | 09.5 | 09.0 | 258 | 30 | 08.8 | 08.3 | 257 | 30 | 08.8 | 08.1 | 262 | 22 | 09.5 | 09.2 | 256 | 29 | 05.6 | 03.1 | 091 | 31 | 04.7 | 01.1 | 329 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 29 | 05.3 | 03.2 | 089 | 31 | 04.3 | 01.5 | 026 |
| .6 ,, | | | | | | | | | | | | | | | | | 28 | 06.9 | 02.0 | 128 | 31 | 05.2 | 00.9 | 035 |
| .9 ,, | | | | | | | | | | | | | | | | | 25 | 06.7 | 01.0 | 214 | 30 | 05.7 | 01.1 | 358 |
| 1.5 ,, | 17 | 12.6 | 10.4 | 267 | 28 | 09.7 | 09.0 | 267 | 30 | 10.3 | 09.5 | 270 | 20 | 13.6 | 13.1 | 266 | 25 | 07.4 | 02.1 | 290 | 28 | 06.5 | 02.1 | 287 |
| 2.1 ,, | 14 | 14.4 | 12.3 | 278 | 11 | 11.0 | 09.0 | 268 | 24 | 11.1 | 10.1 | 274 | 15 | 12.4 | 11.4 | 280 | 22 | 06.9 | 03.9 | 303 | 26 | 07.4 | 02.5 | 284 |
| 3.0 ,, | 10 | 12.0 | 07.7 | 287 | 03 | 05.0 | 04.0 | 215 | 17 | 09.4 | 06.9 | 264 | 07 | 03.0 | 01.2 | 186 | 15 | 06.2 | 03.9 | 308 | 20 | 06.7 | 03.6 | 292 |
| 3.6 ,, | 09 | 09.7 | 05.9 | 292 | 03 | 05.7 | 04.8 | 196 | 16 | 07.8 | 04.9 | 266 | 06 | 04.3 | 02.3 | 211 | 12 | 05.4 | 04.0 | 313 | 17 | 05.5 | 01.9 | 292 |
| 4.5 ,, | 07 | 07.7 | 02.5 | 279 | 02 | 06.0 | 05.9 | 216 | 15 | 06.6 | 04.0 | 261 | 04 | 04.5 | 02.2 | 272 | 10 | 06.0 | 03.0 | 297 | 16 | 05.0 | 01.9 | 289 |
| 5.4 ,, | 07 | 06.7 | 02.3 | 289 | 01 | 03.0 | 03.0 | 040 | 11 | 04.5 | 02.9 | 254 | 02 | 01.5 | 01.2 | 315 | 08 | 05.0 | 02.5 | 209 | 14 | 04.9 | 00.6 | 312 |
| 6.0 ,, | 05 | 06.0 | 01.5 | 184 | 01 | 04.0 | 04.0 | 080 | 09 | 04.0 | 01.7 | 205 | | | | | 08 | 05.1 | 02.7 | 198 | 12 | 04.9 | 02.3 | 280 |
| 7.2 ,, | 04 | 06.3 | 02.3 | 102 | | | | | 08 | 04.0 | 01.1 | 070 | | | | | 08 | 06.5 | 03.0 | 190 | 10 | 07.0 | 04.1 | 244 |
| 9.0 ,, | 02 | 06.0 | 05.8 | 099 | | | | | 04 | 06.5 | 03.2 | 070 | | | | | 06 | 08.7 | 05.4 | 163 | 08 | 09.9 | 06.3 | 233 |

| STATION | BEGAMPET | | | | | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.5 | 04.3 | 266 | 31 | 05.7 | 04.6 | 263 | 31 | 04.4 | 03.6 | 260 | 31 | 01.7 | 01.1 | 124 | 31 | 02.2 | 01.2 | 119 | 31 | 04.0 | 03.3 | 266 |
| .15 A.G.L. | 26 | 07.8 | 06.9 | 267 | 30 | 08.4 | 07.0 | 269 | 25 | 08.1 | 06.7 | 264 | 29 | 05.9 | 03.8 | 127 | 28 | 06.2 | 04.0 | 104 | 27 | 07.5 | 06.3 | 268 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 06.3 | 03.9 | 136 | 28 | 07.0 | 04.4 | 111 | | | | |
| .6 ,, | 26 | 06.4 | 05.4 | 267 | 30 | 07.7 | 06.3 | 269 | 25 | 06.3 | 04.9 | 262 | 29 | 07.8 | 03.7 | 154 | 28 | 07.0 | 04.7 | 116 | 27 | 06.8 | 05.7 | 261 |
| .9 ,, | 25 | 10.7 | 10.1 | 277 | 30 | 08.8 | 07.3 | 274 | 25 | 09.8 | 08.2 | 267 | 26 | 07.1 | 02.0 | 181 | 27 | 07.2 | 04.2 | 130 | 27 | 09.8 | 08.1 | 275 |
| 1.5 ,, | 23 | 13.4 | 12.4 | 280 | 30 | 10.8 | 09.1 | 277 | 25 | 12.4 | 10.7 | 274 | 23 | 06.4 | 00.6 | 085 | 24 | 07.6 | 03.3 | 144 | 21 | 09.3 | 06.4 | 275 |
| 2.1 ,, | 21 | 11.8 | 09.7 | 284 | 28 | 12.0 | 10.0 | 280 | 20 | 09.9 | 07.3 | 278 | 19 | 06.5 | 01.0 | 065 | 24 | 08.0 | 02.4 | 138 | 18 | 06.9 | 02.6 | 267 |
| 3.0 ,, | 16 | 07.0 | 01.3 | 257 | 19 | 10.3 | 07.1 | 285 | 15 | 07.1 | 03.2 | 304 | 08 | 04.0 | 00.9 | 239 | 14 | 06.6 | 01.4 | 161 | 14 | 06.1 | 02.3 | 005 |
| 3.6 ,, | 13 | 06.8 | 01.1 | 100 | 13 | 07.9 | 03.5 | 291 | 02 | 06.5 | 05.5 | 314 | 06 | 04.7 | 01.3 | 186 | 09 | 06.1 | 01.4 | 109 | 10 | 05.4 | 03.4 | 006 |
| 4.5 ,, | 06 | 06.7 | 02.5 | 239 | 07 | 06.6 | 01.3 | 038 | | | | | 04 | 05.5 | 00.3 | 216 | 04 | 05.7 | 00.9 | 284 | 09 | 04.5 | 03.1 | 020 |
| 5.4 ,, | 04 | 06.5 | 03.3 | 240 | 01 | 10.0 | 10.0 | 246 | | | | | 01 | 05.0 | 05.0 | 102 | 02 | 04.0 | 03.5 | 301 | 05 | 05.8 | 02.9 | 096 |
| 6.0 ,, | 03 | 06.0 | 03.0 | 196 | | | | | | | | | 01 | 07.0 | 07.0 | 120 | 02 | 06.0 | 03.3 | 285 | 03 | 06.0 | 04.9 | 133 |
| 7.2 ,, | 01 | 04.0 | 04.0 | 240 | | | | | | | | | | | | | 01 | 11.0 | 11.0 | 285 | 01 | 11.0 | 11.0 | 114 |
| 9.0 ,, | 01 | 02.0 | 02.0 | 330 | | | | | | | | | | | | | | | | | 01 | 15.0 | 15.0 | 105 |

| STATION | BHOPAL/BAIRAGARH | | | | | | | | BHUBANESHWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.7 | 02.4 | 248 | 31 | 03.6 | 02.7 | 245 | 31 | 03.0 | 01.9 | 238 | 31 | 04.5 | 02.3 | 218 | 31 | 03.3 | 02.2 | 213 | 31 | 03.8 | 03.4 | 241 |
| .15 A.G.L. | 26 | 05.1 | 03.3 | 242 | 25 | 07.1 | 05.3 | 253 | 26 | 06.0 | 03.4 | 240 | 27 | 07.1 | 04.5 | 211 | 28 | 06.5 | 04.9 | 218 | 30 | 08.3 | 07.6 | 247 |
| .3A.M.S.L. | | | | | | | | | 26 | 06.7 | 04.1 | 247 | 27 | 06.9 | 04.9 | 214 | 28 | 07.1 | 05.4 | 224 | 30 | 09.2 | 08.5 | 249 |
| .6 ,, | 26 | 04.7 | 02.9 | 235 | 25 | 06.2 | 04.6 | 247 | 26 | 07.0 | 04.2 | 256 | 25 | 06.7 | 05.0 | 204 | 28 | 07.4 | 05.2 | 231 | 30 | 11.2 | 10.5 | 254 |
| .9 ,, | 26 | 05.4 | 03.4 | 258 | 25 | 07.8 | 05.6 | 260 | 25 | 05.6 | 03.5 | 270 | 22 | 05.1 | 02.0 | 205 | 28 | 06.7 | 04.3 | 236 | 29 | 11.4 | 10.9 | 252 |
| 1.5 ,, | 25 | 06.0 | 02.8 | 277 | 24 | 06.7 | 04.1 | 275 | 24 | 05.4 | 02.5 | 290 | 20 | 05.2 | 00.9 | 271 | 23 | 04.3 | 02.1 | 264 | 23 | 09.7 | 08.2 | 244 |
| 2.1 ,, | 20 | 06.3 | 02.0 | 273 | 20 | 05.4 | 01.1 | 281 | 22 | 04.8 | 02.5 | 288 | 13 | 05.2 | 03.1 | 292 | 17 | 05.2 | 03.0 | 317 | 22 | 08.4 | 05.0 | 228 |
| 3.0 ,, | 16 | 06.0 | 00.7 | 338 | 14 | 04.5 | 02.0 | 075 | 13 | 05.0 | 02.4 | 284 | 09 | 05.9 | 00.3 | 124 | 12 | 04.7 | 02.7 | 013 | 18 | 07.2 | 03.0 | 164 |
| 3.6 ,, | 11 | 06.5 | 00.7 | 035 | 07 | 04.7 | 02.8 | 048 | 10 | 05.8 | 01.9 | 305 | 08 | 06.1 | 00.5 | 011 | 02 | 04.0 | 01.8 | 259 | 18 | 06.3 | 01.9 | 148 |
| 4.5 ,, | 09 | 07.6 | 02.3 | 081 | | | | | 05 | 04.8 | 03.6 | 019 | 05 | 06.4 | 04.6 | 094 | | | | | 13 | 05.5 | 03.7 | 110 |
| 5.4 ,, | 04 | 06.7 | 04.4 | 113 | | | | | 02 | 06.0 | 06.0 | 074 | 02 | 08.0 | 07.8 | 102 | | | | | 13 | 05.1 | 03.0 | 096 |
| 6.0 ,, | 03 | 04.0 | 03.3 | 089 | | | | | 01 | 02.0 | 02.0 | 085 | 01 | 10.0 | 10.0 | 094 | | | | | 13 | 05.1 | 03.3 | 081 |
| 7.2 ,, | 02 | 05.0 | 05.0 | 118 | | | | | 01 | 05.0 | 05.0 | 078 | 01 | 13.0 | 13.0 | 094 | | | | | 10 | 05.9 | 04.7 | 110 |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | 02 | 09.0 | 08.5 | 091 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | BHUJ/RUDRAMATA | | | | | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 06.8 | 06.3 | 239 | 31 | 04.7 | 04.3 | 238 | 31 | 02.1 | 01.6 | 220 | 31 | 02.9 | 01.6 | 232 | 31 | 02.2 | 00.9 | 208 | 31 | 04.3 | 03.7 | 260 |
| .15 A.G.L. | 30 | 11.0 | 10.2 | 244 | 29 | 08.6 | 08.0 | 249 | 31 | 09.1 | 07.1 | 233 | 30 | 06.5 | 03.8 | 222 | 31 | 09.1 | 05.4 | 203 | 29 | 07.8 | 06.9 | 255 |
| .3A.M.S.L. | 30 | 10.7 | 10.0 | 245 | 29 | 08.3 | 08.0 | 248 | 31 | 07.1 | 05.4 | 227 | 30 | 05.8 | 03.1 | 220 | 31 | 07.0 | 04.2 | 208 | 29 | 08.2 | 07.4 | 256 |
| .6 ,, | 30 | 09.7 | 09.2 | 244 | 29 | 09.1 | 08.5 | 243 | 31 | 10.4 | 08.5 | 243 | 30 | 06.7 | 03.6 | 232 | 31 | 09.8 | 06.3 | 212 | 29 | 08.7 | 07.9 | 257 |
| .9 ,, | 30 | 09.3 | 08.6 | 245 | 27 | 09.3 | 08.7 | 241 | 31 | 09.9 | 07.8 | 245 | 30 | 06.6 | 03.9 | 229 | 29 | 08.8 | 05.1 | 215 | 28 | 09.4 | 08.6 | 263 |
| 1.5 ,, | 24 | 08.5 | 06.9 | 246 | 20 | 06.5 | 05.0 | 216 | 28 | 06.5 | 04.1 | 241 | 28 | 05.2 | 03.4 | 214 | 28 | 06.4 | 03.4 | 230 | 27 | 09.7 | 08.2 | 258 |
| 2.1 ,, | 17 | 07.2 | 04.4 | 238 | 18 | 06.0 | 03.8 | 192 | 27 | 05.7 | 01.2 | 239 | 25 | 05.8 | 03.3 | 240 | 26 | 04.5 | 02.0 | 256 | 27 | 09.0 | 07.3 | 257 |
| 3.0 ,, | 10 | 06.7 | 04.9 | 184 | 16 | 05.0 | 02.0 | 142 | 27 | 04.8 | 01.0 | 289 | 22 | 04.5 | 00.5 | 351 | 24 | 05.4 | 01.4 | 344 | 26 | 08.0 | 04.4 | 274 |
| 3.6 ,, | 08 | 06.5 | 05.1 | 190 | 06 | 06.0 | 03.5 | 078 | 23 | 05.1 | 00.9 | 335 | 20 | 04.1 | 01.6 | 359 | 11 | 05.1 | 02.3 | 018 | 25 | 07.7 | 04.0 | 280 |
| 4.5 ,, | 07 | 05.9 | 05.6 | 182 | 02 | 04.0 | 03.3 | 068 | 20 | 05.9 | 02.3 | 033 | 16 | 04.9 | 02.4 | 332 | 02 | 06.5 | 06.2 | 024 | 25 | 07.3 | 03.1 | 307 |
| 5.4 ,, | 05 | 05.6 | 02.9 | 128 | | | | | 16 | 06.4 | 02.6 | 050 | 13 | 06.5 | 02.8 | 225 | | | | | 25 | 08.1 | 02.6 | 327 |
| 6.0 ,, | 05 | 06.8 | 04.6 | 105 | | | | | 14 | 06.1 | 00.9 | 010 | 10 | 07.0 | 02.7 | 323 | | | | | 25 | 06.9 | 00.7 | 284 |
| 7.2 ,, | 04 | 06.5 | 04.0 | 071 | | | | | 07 | 05.6 | 03.8 | 109 | 06 | 07.0 | 05.2 | 254 | | | | | 23 | 06.6 | 01.8 | 076 |
| 9.0 ,, | 01 | 13.0 | 13.0 | 116 | | | | | 01 | 05.0 | 05.0 | 146 | 05 | 07.8 | 06.8 | 220 | | | | | 23 | 07.6 | 06.1 | 089 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.2 | 03.5 | 258 | 31 | 05.4 | 05.0 | 272 | 31 | 03.4 | 02.9 | 251 | 31 | 02.9 | 01.0 | 165 | 31 | 02.8 | 01.9 | 162 | 31 | 02.0 | 01.6 | 179 |
| .15 A.G.L. | 26 | 07.5 | 06.4 | 260 | 30 | 08.2 | 07.5 | 263 | 27 | 06.8 | 05.9 | 250 | 31 | 06.7 | 04.2 | 170 | 30 | 05.1 | 03.8 | 166 | 31 | 06.4 | 05.1 | 177 |
| .3A.M.S.L. | 26 | 07.8 | 07.0 | 258 | 30 | 08.5 | 07.8 | 264 | 27 | 07.4 | 06.7 | 253 | 31 | 07.1 | 04.7 | 173 | 30 | 05.3 | 04.0 | 165 | 31 | 06.5 | 05.2 | 176 |
| .6 ,, | 24 | 08.7 | 07.8 | 255 | 29 | 09.5 | 08.7 | 265 | 26 | 08.5 | 08.1 | 254 | 31 | 07.5 | 04.7 | 181 | 28 | 06.3 | 04.0 | 116 | 31 | 06.9 | 05.3 | 175 |
| .9 ,, | 16 | 09.4 | 08.3 | 257 | 28 | 10.1 | 09.2 | 265 | 19 | 08.1 | 07.5 | 256 | 31 | 07.6 | 04.3 | 187 | 22 | 06.6 | 03.6 | 179 | 31 | 06.8 | 04.9 | 177 |
| 1.5 ,, | 10 | 09.0 | 06.5 | 245 | 28 | 09.8 | 08.7 | 258 | 13 | 07.4 | 06.4 | 253 | 31 | 06.6 | 02.6 | 181 | 14 | 06.9 | 02.7 | 217 | 31 | 06.5 | 03.7 | 173 |
| 2.1 ,, | 02 | 05.0 | 04.8 | 157 | 28 | 09.4 | 07.5 | 258 | 06 | 04.8 | 01.4 | 177 | 31 | 06.1 | 02.1 | 176 | 10 | 05.2 | 01.5 | 266 | 31 | 06.5 | 02.7 | 168 |
| 3.0 ,, | 02 | 06.5 | 06.5 | 157 | 28 | 10.1 | 07.6 | 259 | 03 | 07.3 | 07.1 | 100 | 31 | 06.5 | 01.8 | 147 | 04 | 06.3 | 04.7 | 330 | 31 | 07.0 | 02.6 | 144 |
| 3.6 ,, | 01 | 06.0 | 06.0 | 176 | 27 | 10.0 | 06.8 | 278 | 02 | 07.0 | 03.9 | 100 | 31 | 07.3 | 01.8 | 150 | 03 | 08.3 | 04.8 | 350 | 31 | 06.8 | 03.0 | 133 |
| 4.5 ,, | 01 | 04.0 | 04.0 | 160 | 27 | 09.7 | 05.1 | 285 | 02 | 07.5 | 02.5 | 032 | 31 | 07.0 | 02.5 | 144 | | | | | 31 | 06.3 | 02.9 | 133 |
| 5.4 ,, | 01 | 07.0 | 07.0 | 190 | 26 | 07.6 | 03.0 | 288 | | | | | 31 | 06.9 | 03.5 | 137 | | | | | 31 | 06.2 | 03.7 | 126 |
| 6.0 ,, | | | | | 26 | 06.8 | 00.9 | 282 | | | | | 31 | 07.0 | 04.2 | 134 | | | | | 31 | 06.5 | 04.3 | 116 |
| 7.2 ,, | | | | | 26 | 06.2 | 02.9 | 106 | | | | | 31 | 07.5 | 04.8 | 130 | | | | | 31 | 07.2 | 04.6 | 104 |
| 9.0 ,, | | | | | 25 | 07.7 | 06.5 | 083 | | | | | 31 | 09.5 | 07.8 | 114 | | | | | 31 | 09.2 | 07.3 | 108 |

| STATION | CALCUTTA/DUM DUM | | | | COCHIN/WILLINGDON | | | | | | | | | | | | DEHRA DUN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 01.5 | 149 | 31 | 00.6 | 00.4 | 266 | 31 | 02.2 | 01.9 | 284 | 31 | 01.3 | 00.8 | 268 | 31 | 00.4 | 00.2 | 024 | 31 | 00.6 | 00.3 | 262 |
| .15 A.G.L. | 31 | 06.8 | 05.1 | 161 | 21 | 03.3 | 02.0 | 288 | 24 | 04.3 | 04.0 | 288 | 17 | 04.1 | 02.7 | 284 | 25 | 02.0 | 01.0 | 068 | 29 | 02.4 | 00.8 | 307 |
| .3A.M.S.L. | 31 | 08.5 | 06.3 | 171 | 21 | 05.4 | 04.6 | 284 | 24 | 06.5 | 06.1 | 290 | 17 | 05.[illegible] | 04.5 | 285 | | | | | | | | |
| .6 ,, | 30 | 09.4 | 07.0 | 178 | 21 | 09.4 | 08.9 | 285 | 24 | 09.5 | 09.2 | 291 | 17 | 08.6 | 08.2 | 291 | | | | | | | | |
| .9 ,, | 29 | 08.9 | 06.3 | 174 | 21 | 12.0 | 11.5 | 289 | 24 | 11.3 | 10.9 | 295 | 17 | 11.0 | 10.4 | 294 | 25 | 02.2 | 00.6 | 089 | 29 | 02.4 | 00.8 | 286 |
| 1.5 ,, | 28 | 06.9 | 04.3 | 167 | 21 | 14.6 | 14.1 | 291 | 24 | 13.0 | 12.5 | 299 | 17 | 13.9 | 13.1 | 293 | 24 | 02.8 | 01.2 | 238 | 29 | 02.4 | 01.2 | 274 |
| 2.1 ,, | 24 | 06.4 | 03.5 | 166 | 18 | 13.4 | 12.8 | 288 | 23 | 12.6 | 12.0 | 295 | 10 | 12.0 | 10.7 | 293 | 23 | 04.7 | 01.5 | 300 | 26 | 03.9 | 01.5 | 271 |
| 3.0 ,, | 14 | 06.7 | 04.8 | 133 | 05 | 08.0 | 06.6 | 289 | 13 | 11.2 | 10.4 | 291 | 03 | 10.7 | 08.5 | 295 | 15 | 04.9 | 02.5 | 300 | 20 | 05.1 | 02.7 | 294 |
| 3.6 ,, | 03 | 05.7 | 05.6 | 142 | 01 | 07.0 | 07.0 | 330 | 05 | 09.6 | 08.1 | 295 | 02 | 08.0 | 06.9 | 249 | 15 | 04.9 | 01.6 | 311 | 15 | 05.2 | 03.9 | 296 |
| 4.5 ,, | | | | | 01 | 09.0 | 09.0 | 330 | 03 | 11.0 | 08.6 | 290 | | | | | 09 | 07.4 | 04.4 | 307 | 13 | 06.7 | 03.7 | 298 |
| 5.4 ,, | | | | | 01 | 10.0 | 10.0 | 330 | 01 | 11.0 | 11.0 | 300 | | | | | 07 | 08.3 | 03.3 | 272 | 11 | 07.8 | 03.6 | 297 |
| 6.0 ,, | | | | | | | | | | | | | | | | | 07 | 11.0 | 05.3 | 269 | 09 | 06.8 | 04.9 | 250 |
| 7.2 ,, | | | | | | | | | | | | | | | | | 05 | 11.6 | 09.1 | 211 | 07 | 10.7 | 09.8 | 222 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 03 | 15.0 | 15.0 | 212 | 02 | 08.5 | 07.7 | 235 |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | | | | | GADAG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.4 | 00.5 | 068 | 31 | 01.7 | 00.2 | 273 | 31 | 01.4 | 00.7 | 047 | 30 | 01.7 | 01.1 | 048 | 31 | 04.7 | 04.2 | 244 | 31 | 06.2 | 05.8 | 267 |
| .15 A.G.L. | 21 | 04.2 | 01.5 | 103 | 24 | 03.1 | 00.1 | 339 | 31 | 03.5 | 01.0 | 061 | 27 | 03.9 | 02.5 | 053 | 26 | 09.9 | 09.2 | 251 | 29 | 11.7 | 10.9 | 257 |
| .3A.M.S.L. | 21 | 04.5 | 01.7 | 112 | 24 | 03.1 | 00.2 | 236 | 31 | 03.1 | 01.3 | 177 | 27 | 04.0 | 02.4 | 063 | | | | | | | | |
| .6 ,, | 20 | 05.3 | 02.6 | 179 | 24 | 03.4 | 01.8 | 198 | 31 | 03.2 | 01.2 | 164 | 27 | 03.5 | 01.9 | 091 | | | | | | | | |
| .9 ,, | 20 | 04.5 | 03.1 | 205 | 23 | 04.1 | 03.2 | 209 | 28 | 04.0 | 02.0 | 210 | 27 | 03.1 | 01.1 | 170 | 26 | 11.8 | 10.6 | 262 | 29 | 12.4 | 11.7 | 263 |
| 1.5 ,, | 16 | 05.4 | 04.4 | 216 | 18 | 05.3 | 04.7 | 222 | 27 | 05.7 | 04.7 | 238 | 24 | 04.8 | 03.9 | 230 | 22 | 14.2 | 12.8 | 271 | 24 | 12.7 | 11.4 | 270 |
| 2.1 ,, | 12 | 06.4 | 05.3 | 230 | 13 | 05.3 | 04.3 | 228 | 24 | 06.2 | 06.0 | 227 | 20 | 10.1 | 05.1 | 223 | 18 | 11.2 | 09.0 | 270 | 15 | 10.3 | 07.2 | 275 |
| 3.0 ,, | 04 | 03.0 | 02.4 | 232 | 10 | 04.7 | 03.3 | 218 | 17 | 04.9 | 04.0 | 209 | 14 | 05.5 | 04.8 | 221 | 13 | 06.6 | 01.4 | 265 | 12 | 06.4 | 01.5 | 294 |
| 3.6 ,, | 01 | 05.0 | 05.0 | 263 | 05 | 03.2 | 02.4 | 211 | 17 | 04.5 | 03.8 | 217 | 09 | 06.0 | 03.2 | 220 | 12 | 06.6 | 00.9 | 279 | 12 | 06.2 | 00.9 | 040 |
| 4.5 ,, | 01 | 02.0 | 02.0 | 264 | 02 | 02.5 | 02.1 | 176 | 15 | 05.3 | 04.0 | 232 | 01 | 01.0 | 01.0 | 202 | 09 | 06.4 | 02.3 | 029 | 08 | 05.7 | 03.6 | 066 |
| 5.4 ,, | 01 | 04.0 | 04.0 | 240 | 02 | 03.5 | 02.1 | 178 | 11 | 04.7 | 03.1 | 220 | | | | | 08 | 05.3 | 02.4 | 081 | 06 | 03.8 | 01.0 | 153 |
| 6.0 ,, | | | | | 02 | 04.5 | 02.9 | 146 | 08 | 05.6 | 03.5 | 193 | | | | | 06 | 06.5 | 03.7 | 151 | 05 | 04.8 | 03.4 | 139 |
| 7.2 ,, | | | | | | | | | 06 | 04.6 | 01.1 | 170 | | | | | 06 | 06.0 | 04.9 | 119 | 04 | 06.0 | 05.8 | 107 |
| 9.0 ,, | | | | | | | | | 03 | 07.7 | 03.2 | 078 | | | | | 04 | 06.2 | 03.4 | 094 | 01 | 03.0 | 03.0 | 114 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | GADAG | | | | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.1 | 04.7 | 252 | 31 | 00.4 | 00.3 | 004 | 31 | 00.7 | 00.4 | 149 | 31 | 00.2 | 00.1 | 085 | 31 | 02.0 | 01.2 | 007 | 31 | 00.7 | 00.4 | 265 |
| .15 A.G.L. | 28 | 10.8 | 10.4 | 254 | 07 | 02.4 | 00.7 | 006 | 09 | 03.2 | 02.6 | 163 | 31 | 02.1 | 00.3 | 336 | 29 | 03.4 | 01.6 | 017 | 31 | 02.8 | 01.6 | 270 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 02.1 | 00.4 | 326 | 29 | 03.2 | 01.5 | 015 | 31 | 02.7 | 01.6 | 270 |
| .6 ,, | | | | | | | | | | | | | 31 | 02.7 | 00.6 | 261 | 28 | 03.4 | 00.7 | 352 | 31 | 03.5 | 02.1 | 270 |
| .9 ,, | 28 | 12.0 | 11.5 | 262 | | | | | | | | | 31 | 03.4 | 01.9 | 248 | 25 | 04.8 | 01.5 | 244 | 31 | 04.5 | 02.6 | 261 |
| 1.5 ,, | 23 | 12.5 | 11.3 | 272 | | | | | | | | | 31 | 05.5 | 04.1 | 241 | 24 | 06.1 | 03.7 | 228 | 31 | 05.3 | 03.8 | 253 |
| 2.1 ,, | 18 | 10.3 | 08.3 | 283 | 07 | 01.9 | 00.9 | 337 | 09 | 03.0 | 02.6 | 180 | 31 | 06.0 | 05.1 | 245 | 24 | 06.3 | 03.1 | 227 | 31 | 05.7 | 04.6 | 254 |
| 3.0 ,, | 13 | 06.0 | 01.6 | 297 | 07 | 01.9 | 00.9 | 133 | 06 | 01.5 | 00.9 | 210 | 31 | 05.8 | 04.6 | 249 | 17 | 04.7 | 01.0 | 157 | 31 | 05.6 | 04.3 | 248 |
| 3.6 ,, | 12 | 06.4 | 01.8 | 343 | 07 | 02.4 | 01.5 | 131 | 02 | 01.0 | 00.5 | 264 | 31 | 06.1 | 04.8 | 248 | 13 | 04.5 | 01.4 | 263 | 31 | 05.3 | 03.3 | 241 |
| 4.5 ,, | 08 | 05.1 | 02.9 | 041 | 05 | 02.2 | 01.7 | 176 | 02 | 01.5 | 01.3 | 204 | 30 | 05.7 | 03.9 | 243 | 13 | 04.0 | 00.7 | 256 | 31 | 04.7 | 02.5 | 217 |
| 5.4 ,, | 08 | 03.9 | 01.0 | 184 | 05 | 04.2 | 03.4 | 218 | | | | | 30 | 04.8 | 02.5 | 233 | 11 | 04.7 | 00.9 | 195 | 31 | 04.2 | 02.4 | 235 |
| 6.0 ,, | 05 | 02.4 | 01.4 | 237 | 03 | 04.3 | 03.3 | 224 | | | | | 30 | 04.8 | 02.1 | 222 | 11 | 04.5 | 01.0 | 197 | 30 | 04.1 | 02.0 | 229 |
| 7.2 ,, | | | | | 02 | 04.5 | 04.0 | 072 | | | | | 30 | 04.9 | 00.9 | 183 | 04 | 04.3 | 03.9 | 092 | 31 | 04.4 | 00.8 | 151 |
| 9.0 ,, | | | | | 01 | 07.0 | 07.0 | 110 | | | | | 30 | 05.1 | 02.3 | 091 | 03 | 06.0 | 04.8 | 090 | 31 | 05.9 | 02.3 | 092 |

| STATION | GAUHATI | | | | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.5 | 197 | 31 | 02.5 | 01.2 | 141 | 31 | 03.1 | 01.1 | 122 | 31 | 03.0 | 01.4 | 146 | 31 | 05.1 | 04.5 | 283 | 31 | 06.3 | 05.4 | 285 |
| .15 A.G.L. | 31 | 02.3 | 00.9 | 239 | 31 | 05.4 | 04.6 | 117 | 31 | 05.8 | 02.4 | 094 | 31 | 06.3 | 02.9 | 143 | | | | | | | | |
| .3A.M.S.L. | 31 | 02.7 | 01.2 | 281 | 31 | 05.6 | 02.2 | 165 | 31 | 05.9 | 02.6 | 093 | 31 | 06.5 | 03.6 | 150 | 17 | 07.3 | 05.1 | 278 | 20 | 08.0 | 07.5 | 274 |
| .6 ,, | 31 | 03.7 | 01.9 | 285 | 31 | 06.7 | 01.9 | 184 | 31 | 06.4 | 02.3 | 106 | 31 | 07.1 | 03.6 | 154 | 17 | 09.4 | 06.9 | 281 | 20 | 10.9 | 10.0 | 274 |
| .9 ,, | 30 | 04.3 | 02.7 | 247 | 31 | 07.2 | 01.3 | 182 | 31 | 06.4 | 01.5 | 113 | 31 | 06.7 | 02.8 | 150 | 13 | 09.4 | 06.3 | 289 | 19 | 11.8 | 11.0 | 277 |
| 1.5 ,, | 28 | 05.9 | 04.9 | 242 | 29 | 07.4 | 01.1 | 286 | 29 | 06.8 | 00.5 | 130 | 29 | 06.2 | 01.4 | 196 | 10 | 08.2 | 04.3 | 285 | 10 | 08.5 | 07.4 | 283 |
| 2.1 ,, | 23 | 06.8 | 05.5 | 240 | 26 | 06.5 | 01.7 | 024 | 28 | 07.1 | 00.5 | 315 | 21 | 05.2 | 01.1 | 295 | 04 | 05.3 | 04.1 | 173 | 02 | 02.5 | 02.1 | 156 |
| 3.0 ,, | 18 | 05.3 | 03.5 | 230 | 20 | 05.7 | 02.0 | 332 | 17 | 06.8 | 00.7 | 008 | 13 | 04.5 | 00.7 | 105 | | | | | 01 | 03.0 | 03.0 | 040 |
| 3.6 ,, | 04 | 03.2 | 02.8 | 191 | 17 | 05.0 | 00.4 | 005 | 11 | 05.7 | 00.9 | 329 | 02 | 02.0 | 01.5 | 001 | | | | | 01 | 01.0 | 01.0 | 054 |
| 4.5 ,, | 03 | 03.3 | 02.7 | 135 | 10 | 03.3 | 01.7 | 095 | 08 | 04.6 | 01.3 | 330 | | | | | | | | | | | | |
| 5.4 ,, | 01 | 02.0 | 02.0 | 323 | 09 | 03.5 | 02.9 | 115 | 06 | 04.0 | 02.0 | 060 | | | | | | | | | | | | |
| 6.0 ,, | 01 | 03.0 | 03.0 | 356 | 09 | 03.9 | 03.5 | 111 | 05 | 05.0 | 03.1 | 070 | | | | | | | | | | | | |
| 7.2 ,, | | | | | 03 | 09.0 | 08.9 | 116 | 04 | 06.3 | 05.8 | 115 | | | | | | | | | | | | |
| 9.0 ,, | | | | | 01 | 04.0 | 04.0 | 056 | 01 | 11.0 | 11.0 | 104 | | | | | | | | | | | | |

| STATION | GOA/DABOLIM | | | | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.5 | 03.7 | 294 | 31 | 02.5 | 02.5 | 220 | 31 | 05.5 | 05.0 | 222 | 31 | 03.7 | 03.3 | 220 | 31 | 01.4 | 01.1 | 083 | 31 | 01.5 | 00.5 | 060 |
| .15 A.G.L. | | | | | 25 | 06.9 | 05.8 | 218 | 27 | 08.5 | 07.2 | 211 | 22 | 08.1 | 07.6 | 213 | 27 | 06.4 | 04.1 | 101 | 29 | 04.5 | 01.7 | 075 |
| .3A.M.S.L. | 12 | 07.2 | 05.4 | 276 | 25 | 07.0 | 06.1 | 229 | 27 | 08.2 | 06.5 | 220 | 22 | 07.9 | 07.0 | 220 | 27 | 07.6 | 04.8 | 115 | 29 | 05.0 | 02.1 | 071 |
| .6 ,, | 11 | 09.3 | 06.8 | 277 | 25 | 06.6 | 05.4 | 236 | 27 | 06.2 | 04.2 | 239 | 22 | 06.2 | 05.1 | 233 | 27 | 08.5 | 04.8 | 126 | 29 | 05.6 | 01.9 | 083 |
| .9 ,, | 10 | 09.6 | 06.9 | 276 | 25 | 05.9 | 04.5 | 253 | 27 | 05.4 | 03.6 | 262 | 21 | 05.4 | 04.1 | 258 | 27 | 08.7 | 04.0 | 129 | 29 | 05.9 | 01.1 | 113 |
| 1.5 ,, | 03 | 07.7 | 06.0 | 266 | 23 | 06.4 | 04.5 | 280 | 26 | 06.5 | 05.1 | 284 | 20 | 05.5 | 04.3 | 282 | 26 | 09.0 | 01.0 | 110 | 29 | 07.0 | 00.7 | 237 |
| 2.1 ,, | | | | | 18 | 05.9 | 05.1 | 289 | 22 | 04.2 | 02.6 | 285 | 18 | 05.1 | 03.0 | 265 | 21 | 07.7 | 01.4 | 001 | 24 | 06.1 | 03.2 | 285 |
| 3.0 ,, | | | | | 14 | 04.8 | 03.3 | 290 | 16 | 04.7 | 01.5 | 295 | 08 | 02.6 | 01.0 | 269 | 16 | 06.6 | 03.9 | 299 | 20 | 06.8 | 03.3 | 278 |
| 3.6 ,, | | | | | 09 | 04.1 | 00.5 | 242 | 13 | 06.9 | 02.5 | 290 | 01 | 08.0 | 08.0 | 304 | 13 | 04.9 | 01.9 | 292 | 16 | 06.4 | 02.8 | 290 |
| 4.5 ,, | | | | | 07 | 04.4 | 03.3 | 082 | 07 | 05.9 | 01.0 | 106 | | | | | 06 | 03.5 | 02.1 | 134 | 08 | 04.5 | 01.5 | 060 |
| 5.4 ,, | | | | | 06 | 06.0 | 04.3 | 091 | 05 | 06.4 | 02.8 | 086 | | | | | 05 | 04.6 | 03.8 | 097 | 07 | 05.0 | 01.9 | 042 |
| 6.0 ,, | | | | | 06 | 06.0 | 04.7 | 065 | 05 | 07.2 | 04.0 | 088 | | | | | 04 | 04.5 | 02.8 | 101 | 06 | 05.0 | 00.9 | 015 |
| 7.2 ,, | | | | | 02 | 09.0 | 09.0 | 109 | 02 | 06.5 | 06.5 | 117 | | | | | 01 | 07.0 | 07.0 | 113 | 02 | 11.0 | 04.8 | 076 |
| 9.0 ,, | | | | | | | | | 01 | 15.0 | 15.0 | 092 | | | | | | | | | | | | |

| STATION | GWALIOR | | | | | | | | | | | | | | | | IMPHAL/TULIHAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.5 | 255 | 31 | 02.5 | 01.5 | 300 | 31 | 02.4 | 00.9 | 324 | 31 | 01.7 | 00.4 | 184 | 31 | 00.7 | 00.2 | 192 | 31 | 01.5 | 00.4 | 278 |
| .15 A.G.L. | 30 | 05.7 | 03.4 | 256 | 31 | 04.8 | 03.0 | 308 | 31 | 04.8 | 01.6 | 322 | 30 | 05.7 | 01.4 | 198 | 27 | 02.6 | 00.4 | 339 | 31 | 02.4 | 00.8 | 230 |
| .3A.M.S.L. | 30 | 04.6 | 02.7 | 251 | 31 | 04.1 | 02.4 | 308 | 31 | 04.4 | 01.6 | 325 | 30 | 05.0 | 01.3 | 200 | | | | | | | | |
| .6 ,, | 30 | 06.9 | 03.5 | 265 | 31 | 05.5 | 03.2 | 303 | 31 | 05.3 | 02.2 | 347 | 30 | 06.6 | 01.5 | 181 | | | | | | | | |
| .9 ,, | 30 | 07.1 | 03.7 | 282 | 31 | 05.7 | 02.8 | 306 | 31 | 05.3 | 02.1 | 358 | 30 | 06.1 | 01.6 | 165 | 27 | 02.5 | 00.4 | 342 | 31 | 02.5 | 00.8 | 232 |
| 1.5 ,, | 29 | 05.9 | 02.4 | 311 | 28 | 05.7 | 02.2 | 329 | 30 | 05.8 | 01.9 | 344 | 29 | 05.1 | 00.4 | 255 | 27 | 03.4 | 01.5 | 255 | 31 | 03.4 | 01.9 | 232 |
| 2.1 ,, | 26 | 05.3 | 03.0 | 348 | 24 | 05.7 | 01.7 | 032 | 27 | 06.6 | 02.7 | 346 | 23 | 05.0 | 03.1 | 305 | 25 | 05.5 | 04.0 | 261 | 31 | 05.6 | 03.0 | 245 |
| 3.0 ,, | 23 | 05.8 | 03.5 | 358 | 18 | 05.0 | 02.4 | 358 | 18 | 07.2 | 03.0 | 333 | 23 | 06.1 | 03.8 | 330 | 14 | 06.1 | 05.6 | 270 | 20 | 05.5 | 03.9 | 257 |
| 3.6 ,, | 21 | 06.4 | 03.6 | 002 | 15 | 04.9 | 01.6 | 358 | 15 | 07.1 | 02.9 | 321 | 06 | 04.2 | 02.5 | 018 | 10 | 05.1 | 04.1 | 270 | 14 | 05.2 | 04.1 | 252 |
| 4.5 ,, | 17 | 06.2 | 02.3 | 330 | 13 | 05.8 | 03.4 | 305 | 09 | 06.5 | 02.9 | 020 | 02 | 06.5 | 06.4 | 001 | 02 | 03.5 | 03.5 | 194 | 08 | 04.4 | 03.4 | 256 |
| 5.4 ,, | 16 | 05.5 | 01.3 | 261 | 13 | 05.5 | 03.1 | 286 | 08 | 06.0 | 00.8 | 266 | | | | | 01 | 05.0 | 05.0 | 120 | 03 | 05.0 | 04.6 | 246 |
| 6.0 ,, | 14 | 05.6 | 00.4 | 262 | 13 | 05.7 | 03.1 | 248 | 08 | 06.4 | 01.0 | 253 | | | | | 01 | 03.0 | 03.0 | 117 | 01 | 04.0 | 04.0 | 252 |
| 7.2 ,, | 11 | 06.6 | 01.5 | 119 | 10 | 06.2 | 03.4 | 202 | 07 | 07.0 | 02.1 | 110 | | | | | 01 | 06.0 | 06.0 | 080 | | | | |
| 9.0 ,, | 08 | 08.6 | 00.8 | 165 | 06 | 07.3 | 04.0 | 204 | 05 | 11.8 | 06.3 | 139 | | | | | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | IMPHAL/TULIHAL | | | | | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.1 | 00.5 | 271 | 31 | 01.8 | 01.3 | 319 | 31- | 00.9 | 00.7 | 248 | 31 | 01.5 | 00.6 | 253 | 31 | 01.1 | 00.9 | 223 | 31 | 01.6 | 01.5 | 218 |
| .15 A.G.L. | 31 | 04.1 | 01.3 | 257 | 30 | 03.2 | 01.5 | 303 | 26 | 05.2 | 03.9 | 240 | 29 | 04.9 | 02.3 | 250 | 27 | 06.1 | 03.7 | 220 | 23 | 06.9 | 06.4 | 223 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | | | | | 26 | 05.7 | 04.4 | 248 | 29 | 05.2 | 02.3 | 255 | 27 | 06.4 | 04.0 | 222 | 23 | 04.2 | 03.8 | 220 |
| .9 ,, | 31 | 04.0 | 01.3 | 257 | 30 | 03.2 | 01.5 | 304 | 26 | 07.7 | 05.0 | 274 | 29 | 05.4 | 02.5 | 283 | 26 | 06.5 | 03.6 | 225 | 23 | 09.0 | 07.9 | 232 |
| 1.5 ,, | 31 | 03.8 | 01.8 | 194 | 30 | 03.6 | 02.3 | 232 | 25 | 07.3 | 04.5 | 280 | 28 | 05.5 | 02.4 | 318 | 25 | 05.6 | 01.8 | 252 | 16 | 07.5 | 06.7 | 255 |
| 2.1 ,, | 31 | 05.1 | 02.7 | 221 | 27 | 04.6 | 03.0 | 238 | 21 | 06.3 | 02.6 | 288 | 24 | 06.0 | 02.1 | 339 | 23 | 05.3 | 01.5 | 269 | 14 | 07.1 | 05.8 | 277 |
| 3.0 ,, | 21 | 04.5 | 02.2 | 228 | 19 | 05.2 | 03.1 | 238 | 16 | 07.4 | 02.3 | 358 | 18 | 06.3 | 02.7 | 015 | 19 | 05.5 | 01.3 | 359 | 11 | 05.5 | 04.0 | 312 |
| 3.6 ,, | 16 | 04.9 | 02.7 | 241 | 14 | 03.3 | 02.6 | 199 | 12 | 06.8 | 02.7 | 025 | 09 | 04.4 | 02.8 | 058 | 11 | 05.2 | 02.4 | 017 | 10 | 05.6 | 03.0 | 324 |
| 4.5 ,, | 11 | 02.9 | 01.5 | 223 | 04 | 03.7 | 01.7 | 174 | 09 | 05.1 | 02.7 | 098 | 08 | 04.9 | 02.7 | 057 | 03 | 07.0 | 06.6 | 045 | 08 | 06.7 | 03.5 | 023 |
| 5.4 ,, | 05 | 03.4 | 01.4 | 220 | | | | | 05 | 04.4 | 04.2 | 104 | 03 | 06.7 | 01.3 | 166 | 02 | 05.5 | 05.3 | 071 | 08 | 07.4 | 02.7 | 063 |
| 6.0 ,, | 03 | 05.7 | 03.9 | 240 | | | | | 03 | 07.0 | 06.9 | 103 | | | | | | | | | 07 | 08.0 | 03.2 | 098 |
| 7.2 ,, | | | | | | | | | 03 | 07.7 | 07.5 | 101 | | | | | | | | | 06 | 09.0 | 08.4 | 109 |
| 9.0 ,, | | | | | | | | | 03 | 09.7 | 09.1 | 101 | | | | | | | | | 04 | 12.2 | 12.2 | 098 |

| STATION | JAGDALPUR | | | | | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.4 | 229 | 31 | 00.7 | 00.6 | 219 | 31 | 01.3 | 00.9 | 304 | 31 | 02.0 | 01.1 | 310 | 31 | 01.2 | 00.2 | 292 | 31 | 01.0 | 00.5 | 080 |
| .15 A.G.L. | 21 | 05.4 | 04.0 | 229 | 23 | 04.9 | 03.7 | 223 | 31 | 07.0 | 04.9 | 285 | 30 | 05.3 | 02.8 | 303 | 31 | 06.4 | 02.6 | 272 | 31 | 03.5 | 00.7 | 146 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | 31 | 03.7 | 00.6 | 151 |
| .6 ,, | 21 | 03.9 | 02.6 | 228 | 23 | 02.9 | 02.3 | 217 | 31 | 08.2 | 05.9 | 289 | 30 | 05.6 | 02.8 | 304 | 31 | 06.7 | 02.9 | 271 | 31 | 05.6 | 01.7 | 215 |
| .9 ,, | 21 | 05.6 | 04.6 | 240 | 23 | 05.9 | 04.9 | 240 | 31 | 09.9 | 07.0 | 290 | 30 | 05.7 | 02.5 | 306 | 31 | 07.0 | 03.2 | 265 | 30 | 06.8 | 02.0 | 241 |
| 1.5 ,, | 19 | 06.1 | 04.5 | 261 | 19 | 07.0 | 05.8 | 266 | 28 | 06.3 | 03.8 | 297 | 30 | 05.8 | 02.5 | 311 | 31 | 06.3 | 02.0 | 268 | 24 | 05.9 | 02.5 | 270 |
| 2.1 ,, | 16 | 05.3 | 03.4 | 290 | 17 | 06.8 | 05.2 | 277 | 28 | 05.6 | 01.7 | 296 | 29 | 06.1 | 02.7 | 317 | 27 | 05.0 | 01.3 | 289 | 21 | 06.6 | 03.0 | 308 |
| 3.0 ,, | 10 | 04.6 | 01.2 | 320 | 13 | 05.2 | 03.5 | 290 | 21 | 04.4 | 01.0 | 015 | 26 | 06.2 | 02.6 | 342 | 17 | 04.5 | 01.4 | 003 | 12 | 05.0 | 02.5 | 348 |
| 3.6 ,, | 05 | 03.0 | 01.0 | 039 | 10 | 03.7 | 01.4 | 297 | 19 | 04.8 | 00.9 | 047 | 20 | 06.0 | 02.4 | 331 | 13 | 05.0 | 04.1 | 058 | 09 | 04.5 | 02.6 | 032 |
| 4.5 ,, | 03 | 03.0 | 02.9 | 076 | 04 | 03.2 | 03.1 | 118 | 12 | 04.7 | 02.0 | 025 | 12 | 06.6 | 03.6 | 309 | 01 | 06.0 | 06.0 | 115 | 07 | 05.6 | 02.4 | 071 |
| 5.4 ,, | 03 | 04.0 | 03.1 | 112 | 02 | 03.5 | 03.5 | 169 | 10 | 06.1 | 00.4 | 323 | 07 | 05.0 | 03.9 | 312 | | | | | 05 | 06.4 | 03.4 | 105 |
| 6.0 ,, | 03 | 06.3 | 05.5 | 183 | | | | | 08 | 06.6 | 01.5 | 226 | 06 | 06.0 | 03.3 | 292 | | | | | 04 | 07.0 | 07.0 | 111 |
| 7.2 ,, | | | | | | | | | 06 | 06.8 | 02.3 | 139 | 03 | 06.0 | 03.6 | 261 | | | | | 03 | 08.7 | 08 6 | 117 |
| 9.0 ,, | | | | | | | | | 04 | 08.2 | 06.8 | 121 | 01 | 11.0 | 11.0 | 271 | | | | | 02 | 09.0 | 08.7 | 098 |

| STATION | JAMSHEDPUR | | | | | | | | JHARSUGUDA | | | | | | | | JODHPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.9 | 00.8 | 135 | 31 | 01.3 | 00.7 | 185 | 31 | 02.6 | 01.5 | 263 | 31 | 02.1 | 00.8 | 175 | 31 | 05.4 | 04.7 | 230 | 20 | 03.7 | 01.9 | 239 |
| .15 A.G.L. | 31 | 04.7 | 02.2 | 137 | 26 | 04.0 | 01.9 | 168 | 25 | 04.8 | 01.4 | 228 | 27 | 04.7 | 02.0 | 189 | 27 | 08.1 | 06.6 | 240 | 20 | 05.0 | 03.5 | 237 |
| .3A.M.S.L. | 31 | 04.8 | 02.2 | 141 | 26 | 03.0 | 01.3 | 163 | 25 | 04.3 | 01.7 | 234 | 27 | 04.0 | 01.6 | 170 | 27 | 05.7 | 04.8 | 232 | 20 | 05.0 | 03.1 | 247 |
| .6 ,, | 31 | 05.9 | 02.4 | 137 | 26 | 05.3 | 02.9 | 216 | 25 | 05.1 | 01.4 | 247 | 27 | 05.9 | 02.4 | 209 | 27 | 08.5 | 07.0 | 240 | 20 | 05.3 | 02.5 | 223 |
| .9 ,, | 28 | 06.3 | 02.4 | 152 | 25 | 07.2 | 04.2 | 242 | 25 | 05.5 | 01.3 | 264 | 26 | 06.2 | 02.3 | 207 | 27 | 09.0 | 07.3 | 237 | 20 | 06.1 | 02.3 | 246 |
| 1.5 ,, | 24 | 05.7 | 01.1 | 104 | 21 | 06.9 | 04.1 | 277 | 23 | 06.3 | 01.2 | 341 | 24 | 05.5 | 01.2 | 264 | 27 | 08.1 | 05.2 | 222 | 18 | 06.4 | 01.9 | 187 |
| 2.1 ,, | 14 | 04.6 | 00.5 | 039 | 19 | 04.1 | 02.7 | 308 | 21 | 06.4 | 02.1 | 325 | 17 | 05.4 | 01.9 | 316 | 27 | 06.0 | 01.7 | 205 | 16 | 07.1 | 02.7 | 136 |
| 3.0 ,, | 10 | 06.2 | 01.5 | 062 | 12 | 05.3 | 02.0 | 001 | 15 | 07.3 | 02.7 | 318 | 12 | 05.7 | 02.9 | 356 | 27 | 05.1 | 01.1 | 090 | 11 | 07.0 | 03.9 | 119 |
| 3.6 ,, | 07 | 05.6 | 03.0 | 090 | 09 | 04.5 | 01.6 | 354 | 11 | 05.7 | 02.3 | 359 | | | | | 25 | 05.9 | 02.0 | 068 | 09 | 06.3 | 04.4 | 104 |
| 4.5 ,, | 02 | 03.5 | 00.6 | 113 | 05 | 06.4 | 03.1 | 052 | 07 | 04.3 | 02.6 | 078 | | | | | 23 | 07.1 | 02.7 | 052 | 08 | 06.9 | 04.5 | 106 |
| 5.4 ,, | | | | | 05 | 08.0 | 04.0 | 097 | 06 | 05.8 | 02.8 | 096 | | | | | 22 | 07.2 | 01.7 | 089 | 05 | 07.4 | 03.7 | 126 |
| 6.0 ,, | | | | | 03 | 09.7 | 09.4 | 096 | 04 | 06.5 | 06.5 | 102 | | | | | 22 | 07.3 | 01.0 | 159 | 05 | 07.0 | 03.8 | 153 |
| 7.2 ,, | | | | | 01 | 10.0 | 10.0 | 117 | 02 | 09.5 | 08.5 | 084 | | | | | 21 | 08.1 | 01.9 | 173 | 03 | 06.0 | 03.7 | 224 |
| 9.0 ,, | | | | | 01 | 15.0 | 15.0 | 093 | | | | | | | | | 18 | 09.9 | 02.9 | 192 | | | | |

| STATION | JODHPUR | | | | | | | | LUCKNOW/AMAUSI | | | | | | | | | | | | MADRAS/MINAMBAKKAM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.0 | 03.3 | 221 | 20 | 07.7 | 07.0 | 221 | 31 | 01.8 | 00.7 | 112 | 31 | 02.9 | 00.9 | 073 | 31 | 01.5 | 01.1 | 110 | 31 | 05.4 | 04.4 | 245 |
| .15 A.G.L. | 26 | 06.5 | 04.7 | 218 | 20 | 08.1 | 07.4 | 237 | 27 | 06.1 | 01.9 | 155 | 31 | 04.1 | 01.2 | 090 | 31 | 06.4 | 03.7 | 121 | 31 | 08.0 | 07.0 | 243 |
| .3A.M.S.L. | 26 | 04.2 | 03.2 | 221 | 20 | 06.4 | 05.7 | 269 | 27 | 06.6 | 02.2 | 159 | 31 | 04.3 | 01.4 | 088 | 31 | 06.4 | 03.6 | 123 | 31 | 08.7 | 07.8 | 247 |
| .6 ,, | 26 | 06.3 | 04.5 | 219 | 20 | 08.8 | 07.6 | 219 | 27 | 08.1 | 02.4 | 196 | 31 | 05.6 | 00.9 | 059 | 31 | 06.4 | 03.2 | 135 | 31 | 11.4 | 10.5 | 255 |
| .9 ,, | 26 | 06.2 | 04.0 | 218 | 20 | 08.7 | 07.2 | 226 | 26 | 07.8 | 02.1 | 234 | 31 | 06.0 | 00.6 | 020 | 31 | 06.0 | 02.4 | 152 | 31 | 12.1 | 11.1 | 264 |
| 1.5 ,, | 26 | 06.1 | 03.1 | 227 | 19 | 05.1 | 02.3 | 201 | 25 | 06.5 | 01.9 | 260 | 31 | 06.5 | 01.0 | 263 | 31 | 06.5 | 01.5 | 210 | 31 | 12.2 | 10.6 | 277 |
| 2.1 ,, | 26 | 05.6 | 02.3 | 215 | 18 | 04.8 | 02.5 | 108 | 25 | 06.6 | 02.2 | 309 | 27 | 07.2 | 01.7 | 292 | 28 | 06.5 | 00.9 | 300 | 31 | 11.1 | 09.9 | 282 |
| 3.0 ,, | 26 | 05.1 | 00.8 | 081 | 17 | 04.9 | 03.4 | 076 | 19 | 06.7 | 03.1 | 343 | 23 | 06.2 | 03.6 | 305 | 22 | 05.6 | 02.5 | 300 | 31 | 10.2 | 08.8 | 274 |
| 3.6 ,, | 25 | 04.6 | 00.9 | 063 | 07 | 06.1 | 05.0 | 104 | 16 | 06.3 | 03.5 | 312 | 21 | 05.2 | 01.9 | 317 | 12 | 05.7 | 00.7 | 262 | 31 | 10.6 | 09.0 | 267 |
| 4.5 ,, | 21 | 05.6 | 01.9 | 082 | 04 | 07.0 | 05.1 | 073 | 11 | 03.5 | 01.6 | 331 | 16 | 04.4 | 01.2 | 340 | 03 | 02.0 | 01.3 | 235 | 31 | 09.9 | 08.3 | 256 |
| 5.4 ,, | 20 | 07.2 | 01.0 | 322 | 01 | 05.0 | 05.0 | 023 | 09 | 04.0 | 00.6 | 258 | 15 | 04.5 | 01.5 | 347 | | | | | 31 | 09.6 | 08.2 | 258 |
| 6.0 ,, | 20 | 06.1 | 00.3 | 355 | | | | | 06 | 06.2 | 02.7 | 201 | 12 | 04.7 | 01.4 | 001 | | | | | 31 | 09.6 | 07.1 | 260 |
| 7.2 ,, | 18 | 06.9 | 01.7 | 140 | | | | | 06 | 08.0 | 05.5 | 195 | 08 | 06.0 | 02.5 | 103 | | | | | 31 | 07.6 | 01.8 | 232 |
| 9.0 ,, | 15 | 06.9 | 02.1 | 152 | | | | | 02 | 08.0 | 07.9 | 162 | 03 | 09.0 | 07.7 | 122 | | | | | 31 | 07.1 | 04.7 | 087 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 03.8 | 03.3 | 259 | 31 | 05.1 | 02.7 | 182 | 31 | 04.1 | 02.2 | 207 | 31 | 02.2 | 00.9 | 265 | 31 | 03.3 | 02.6 | 273 | 31 | 01.8 | 01.1 | 216 |
| .15 A.G.L. | 31 | 05.9 | 05.4 | 256 | 31 | 06.7 | 03.9 | 190 | 30 | 09.6 | 07.9 | 224 | 23 | 05.3 | 03.6 | 255 | 27 | 06.1 | 05.5 | 271 | 26 | 06.2 | 05.1 | 257 |
| .3A.M.S.L. | 31 | 06.2 | 05.9 | 261 | 31 | 07.2 | 04.6 | 210 | 30 | 11.7 | 10.0 | 235 | 23 | 05.8 | 04.3 | 262 | 27 | 06.7 | 06.1 | 270 | 26 | 06.9 | 05.9 | 259 |
| .6 ,, | 31 | 08.0 | 07.6 | 263 | 31 | 07.6 | 06.2 | 237 | 30 | 13.0 | 11.2 | 242 | 22 | 09.1 | 08.2 | 275 | 26 | 09.4 | 08.6 | 276 | 26 | 09.5 | 08.4 | 270 |
| .9 ,, | 31 | 09.9 | 09.2 | 269 | 31 | 07.7 | 07.0 | 252 | 30 | 12.5 | 10.9 | 252 | 18 | 10.2 | 08.9 | 282 | 23 | 10.3 | 09.5 | 284 | 24 | 10.9 | 10.0 | 276 |
| 1.5 ,, | 30 | 11.8 | 11.1 | 279 | 31 | 09.3 | 08.9 | 267 | 29 | 11.7 | 10.3 | 267 | 08 | 07.5 | 05.4 | 293 | 14 | 09.6 | 08.6 | 287 | 18 | 11.4 | 10.6 | 284 |
| 2.1 ,, | 30 | 11.8 | 10.6 | 282 | 31 | 10.8 | 10.2 | 275 | 28 | 12.1 | 11.1 | 277 | 07 | 05.7 | 03.4 | 278 | 07 | 08.0 | 06.3 | 290 | 09 | 10.9 | 10.3 | 287 |
| 3.0 ,, | 23 | 11.0 | 09.4 | 279 | 31 | 11.8 | 10.3 | 273 | 16 | 09.6 | 08.4 | 285 | 03 | 04.3 | 02.6 | 078 | 03 | 04.3 | 01.2 | 033 | 04 | 07.5 | 05.9 | 280 |
| 3.6 ,, | 16 | 07.8 | 06.1 | 267 | 31 | 10.9 | 09.4 | 271 | 06 | 04.5 | 01.2 | 268 | 01 | 05.0 | 05.0 | 130 | 02 | 06.5 | 00.5 | 045 | 02 | 04.5 | 01.6 | 351 |
| 4.5 ,, | 14 | 06.0 | 04.5 | 257 | 31 | 08.9 | 07.4 | 263 | 04 | 02.0 | 00.4 | 041 | 01 | 05.0 | 05.0 | 140 | 02 | 01.5 | 00.6 | 071 | 01 | 00.6 | 00.6 | 048 |
| 5.4 ,, | 09 | 06.2 | 04.2 | 251 | 31 | 08.5 | 06.9 | 270 | | | | | 01 | 04.0 | 04.0 | 139 | 02 | 02.0 | 00.3 | 022 | 01 | 00.8 | 00.8 | 005 |
| 6.0 ,, | 08 | 04.4 | 01.5 | 189 | 31 | 07.7 | 05.7 | 270 | | | | | 01 | 07.0 | 07.0 | 129 | 02 | 03.5 | 02.6 | 122 | | | | |
| 7.2 ,, | 04 | 05.7 | 04.8 | 110 | 31 | 06.1 | 02.8 | 262 | | | | | | | | | 01 | 08.0 | 08.0 | 110 | | | | |
| 9.0 ,, | 01 | 08.0 | 08.0 | 080 | 31 | 07.3 | 04.4 | 068 | | | | | | | | | | | | | | | | |

| STATION | MINICOY | | | | | | | | | | | | | | | | NAGPUR/SONEGAON | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 05.1 | 04.8 | 270 | 31 | 05.1 | 04.9 | 269 | 31 | 07.3 | 07.0 | 268 | 31 | 05.3 | 05.0 | 274 | 31 | 02.2 | 01.9 | 290 | 31 | 03.2 | 02.6 | 285 |
| .15 A.G.L. | 27 | 08.6 | 08.0 | 271 | 30 | 07.9 | 07.3 | 273 | 31 | 09.2 | 08.7 | 267 | 27 | 08.3 | 07.7 | 273 | 31 | 07.1 | 05.9 | 299 | 28 | 08.3 | 04.5 | 280 |
| .3A.M.S.L. | 27 | 09.8 | 09.1 | 272 | 30 | 09.0 | 08.3 | 272 | 31 | 09.9 | 09.5 | 271 | 27 | 09.1 | 08.6 | 276 | | | | | | | | |
| .6 ,, | 27 | 11.6 | 10.9 | 277 | 30 | 11.3 | 10.5 | 279 | 31 | 11.0 | 10.5 | 275 | 27 | 11.4 | 10.9 | 233 | 31 | 07.9 | 06.5 | 304 | 28 | 05.3 | 04.3 | 284 |
| .9 ,, | 27 | 13.8 | 13.2 | 282 | 29 | 13.1 | 12.6 | 285 | 31 | 12.3 | 11.9 | 280 | 27 | 13.2 | 12.8 | 287 | 31 | 09.0 | 07.2 | 313 | 25 | 05.5 | 04.4 | 294 |
| 1.5 ,, | 22 | 15.5 | 15.2 | 290 | 25 | 14.6 | 14.1 | 288 | 31 | 13.8 | 13.3 | 284 | 23 | 14.3 | 13.9 | 290 | 31 | 07.4 | 04.7 | 319 | 14 | 04.8 | 03.3 | 291 |
| 2.1 ,, | 18 | 13.3 | 12.6 | 287 | 22 | 13.7 | 13.2 | 289 | 31 | 12.6 | 12.1 | 283 | 10 | 10.5 | 10.0 | 293 | 31 | 06.0 | 02.1 | 322 | 11 | 04.5 | 01.2 | 310 |
| 3.0 ,, | 12 | 11.1 | 10.2 | 275 | 11 | 08.2 | 07.7 | 282 | 31 | 11.1 | 10.5 | 276 | 03 | 06.0 | 05.0 | 307 | 31 | 06.3 | 02.0 | 008 | 07 | 05.7 | 03.2 | 011 |
| 3.6 ,, | 10 | 09.7 | 08.8 | 270 | 09 | 07.9 | 07.5 | 272 | 31 | 10.5 | 09.8 | 278 | | | | | 31 | 05.8 | 02.2 | 045 | 06 | 05.2 | 02.2 | 323 |
| 4.5 ,, | 05 | 07.0 | 06.3 | 278 | 03 | 06.7 | 06.6 | 266 | 31 | 09.4 | 08.7 | 279 | | | | | 31 | 06.1 | 01.8 | 075 | 04 | 04.0 | 02.5 | 245 |
| 5.4 ,, | 04 | 09.3 | 08.9 | 292 | 03 | 03.7 | 03.6 | 269 | 30 | 07.9 | 06.9 | 266 | | | | | 31 | 07.6 | 01.7 | 087 | 03 | 04.7 | 04.7 | 242 |
| 6.0 ,, | 02 | 07.5 | 07.5 | 292 | 03 | 02.7 | 01.4 | 302 | 30 | 07.0 | 05.5 | 267 | | | | | 31 | 08.0 | 02.1 | 103 | 01 | 04.0 | 04.0 | 272 |
| 7.2 ,, | 02 | 05.5 | 05.1 | 289 | 01 | 01.0 | 01.0 | 315 | 29 | 05.9 | 01.9 | 250 | | | | | 31 | 07.1 | 03.1 | 107 | | | | |
| 9.0 ,, | | | | | | | | | 29 | 08.1 | 06.5 | 101 | | | | | 31 | 09.3 | 08.0 | 110 | | | | |

| STATION | NAGPUR/SONEGAON | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 04.3 | 02.4 | 296 | 31 | 02.1 | 01.4 | 240 | 31 | 01.8 | 00.3 | 243 | 31 | 02.0 | 00.8 | 234 | 31 | 01.9 | 00.7 | 344 | 12 | 01.1 | 00.9 | 118 |
| .15 A.G.L. | 31 | 07.8 | 04.7 | 302 | 27 | 06.7 | 04.3 | 238 | 30 | 05.9 | 01.5 | 253 | 31 | 05.3 | 02.1 | 283 | 31 | 04.1 | 01.6 | 334 | 12 | 06.2 | 04.9 | 140 |
| .3A.M.S.L. | | | | | | | | | 30 | 03.5 | 00.8 | 238 | 31 | 04.3 | 01.7 | 270 | 31 | 03.4 | 01.4 | 341 | 12 | 05.0 | 03.7 | 141 |
| .6 ,, | 31 | 07.7 | 04.8 | 303 | 27 | 07.7 | 04.9 | 245 | 30 | 06.6 | 02.4 | 261 | 31 | 05.8 | 02.0 | 289 | 31 | 04.2 | 01.6 | 335 | 12 | 06.2 | 04.7 | 150 |
| .9 ,, | 31 | 06.9 | 04.2 | 307 | 26 | 07.9 | 04.7 | 251 | 30 | 07.2 | 03.3 | 267 | 30 | 05.9 | 01.9 | 299 | 31 | 04.8 | 02.0 | 327 | 12 | 06.6 | 05.4 | 154 |
| 1.5 ,, | 31 | 06.5 | 03.8 | 324 | 21 | 06.9 | 03.1 | 267 | 31 | 06.8 | 03.5 | 287 | 25 | 06.2 | 03.1 | 304 | 31 | 05.7 | 03.2 | 303 | 10 | 05.5 | 03.3 | 159 |
| 2.1 ,, | 31 | 06.3 | 03.0 | 325 | 16 | 05.9 | 02.1 | 289 | 31 | 05.8 | 03.1 | 309 | 20 | 05.9 | 03.5 | 301 | 31 | 06.5 | 03.6 | 299 | 09 | 03.4 | 00.6 | 178 |
| 3.0 ,, | 31 | 06.3 | 02.4 | 337 | 12 | 05.7 | 02.7 | 357 | 31 | 05.7 | 03.6 | 321 | 11 | 05.9 | 03.5 | 300 | 31 | 07.1 | 04.2 | 300 | 09 | 05.1 | 01.0 | 099 |
| 3.6 ,, | 31 | 05.8 | 02.1 | 334 | 06 | 05.5 | 04.0 | 344 | 31 | 05.9 | 03.7 | 324 | 09 | 05.2 | 02.6 | 310 | 31 | 07.0 | 04.1 | 307 | 04 | 06.0 | 01.5 | 128 |
| 4.5 ,, | 31 | 06.4 | 01.3 | 358 | | | | | 31 | 04.9 | 03.0 | 309 | 05 | 07.8 | 03.5 | 287 | 31 | 06.5 | 03.9 | 309 | | | | |
| 5.4 ,, | 31 | 06.2 | 00.6 | 359 | | | | | 31 | 05.4 | 02.2 | 267 | 03 | 07.7 | 02.9 | 320 | 31 | 06.9 | 03.9 | 300 | | | | |
| 6.0 ,, | 31 | 06.3 | 00.7 | 133 | | | | | 31 | 06.1 | 02.2 | 263 | 03 | 07.0 | 02.8 | 262 | 31 | 06.7 | 03.5 | 281 | | | | |
| 7.2 ,, | 31 | 06.9 | 02.9 | 112 | | | | | 31 | 08.1 | 04.1 | 242 | 01 | 13.0 | 13.0 | 284 | 31 | 08.4 | 05.0 | 258 | | | | |
| 9.0 ,, | 30 | 08.3 | 06.6 | 118 | | | | | 31 | 09.6 | 04.4 | 222 | | | | | 31 | 10.4 | 05.9 | 230 | | | | |

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| URFACE | 31 | 00.6 | 00.6 | 266 | 31 | 02.7 | 02.6 | 270 | 31 | 01.3 | 01.3 | 265 | 31 | 07.9 | 07.5 | 223 | 31 | 06.8 | 06.5 | 224 | 31 | 07.6 | 07.3 | 222 |
| .15 A.G.L. | 27 | 06.6 | 06.5 | 259 | 30 | 08.9 | 08.7 | 259 | 28 | 06.8 | 06.6 | 257 | 30 | 10.4 | 10.0 | 224 | 29 | 08.9 | 08.5 | 230 | 31 | 10.0 | 09.5 | 221 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 10.5 | 10.2 | 225 | 28 | 10.7 | 09.5 | 224 | 31 | 10.0 | 09.7 | 221 |
| .6 ,, | 27 | 03.1 | 03.0 | 267 | 30 | 04.9 | 04.8 | 265 | 28 | 03.8 | 03.6 | 260 | 30 | 13.2 | 12.9 | 229 | 25 | 13.2 | 13.0 | 233 | 31 | 12.3 | 11.7 | 227 |
| .9 ,, | 27 | 08.2 | 07.9 | 263 | 30 | 10.2 | 10.0 | 261 | 28 | 08.3 | 08.1 | 261 | 30 | 13.4 | 13.2 | 234 | 20 | 13.9 | 13.7 | 241 | 31 | 13.7 | 13.2 | 232 |
| 1.5 ,, | 19 | 09.3 | 08.3 | 265 | 21 | 12.0 | 11.2 | 264 | 19 | 11.4 | 10.6 | 267 | 30 | 12.3 | 11.8 | 240 | 10 | 14.1 | 13.9 | 243 | 31 | 12.8 | 12.4 | 243 |
| 2.1 ,, | 13 | 06.4 | 01.5 | 262 | 10 | 08.4 | 06.7 | 265 | 09 | 08.0 | 05.5 | 267 | 29 | 11.7 | 10.9 | 243 | 05 | 08.2 | 08.1 | 242 | 31 | 11.4 | 10.8 | 242 |
| 3.0 ,, | 08 | 05.0 | 00.7 | 115 | 04 | 04.5 | 00.3 | 171 | 05 | 04.6 | 02.4 | 089 | 29 | 10.5 | 09.8 | 248 | 04 | 07.2 | 07.1 | 240 | 31 | 10.7 | 09.9 | 245 |
| 3.6 ,, | 06 | 04.8 | 00.5 | 102 | 02 | 03.5 | 03.3 | 294 | 04 | 05.5 | 03.4 | 087 | 28 | 08.9 | 08.3 | 253 | 04 | 08.5 | 08.1 | 238 | 30 | 08.6 | 07.9 | 247 |
| 4.5 ,, | | | | | | | | | 01 | 04.0 | 04.0 | 123 | 28 | 07.0 | 06.1 | 255 | 03 | 08.7 | 08.5 | 230 | 30 | 07.7 | 06.3 | 253 |
| 5.4 ,, | | | | | | | | | | | | | 29 | 07.6 | 05.4 | 263 | | | | | 30 | 06.4 | 04.1 | 240 |
| 6.0 ,, | | | | | | | | | | | | | 29 | 07.3 | 04.0 | 264 | | | | | 29 | 05.6 | 02.5 | 228 |
| 7.2 ,, | | | | | | | | | | | | | 29 | 07.9 | 00.7 | 211 | | | | | 29 | 06.8 | 01.1 | 142 |
| 9.0 ,, | | | | | | | | | | | | | 29 | 10.8 | 05.4 | 101 | | | | | 28 | 09.3 | 06.9 | 077 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.4 | 05.1 | 230 | 31 | 01.6 | 01.2 | 232 | 31 | 02.1 | 01.4 | 237 | 31 | 02.3 | 01.9 | 216 | 31 | 02.6 | 02.4 | 090 | 31 | 01.9 | 01.1 | 089 |
| .15 A.G.L. | 28 | 09.5 | 09.3 | 233 | 26 | 06.6 | 06.0 | 240 | 28 | 06.1 | 03.9 | 232 | 26 | 07.4 | 06.4 | 216 | 26 | 06.5 | 05.9 | 097 | 28 | 04.4 | 02.9 | 089 |
| .3A.M.S.L. | 28 | 10.2 | 10.0 | 235 | | | | | | | | | | | | | 26 | 06.9 | 06.2 | 104 | 28 | 04.6 | 03.0 | 094 |
| .6 ,, | 27 | 12.5 | 12.4 | 240 | 26 | 07.7 | 06.5 | 254 | 28 | 06.4 | 04.1 | 246 | 26 | 07.6 | 06.2 | 226 | 26 | 07.3 | 05.7 | 115 | 28 | 05.0 | 03.4 | 104 |
| .9 ,, | 22 | 13.8 | 13.7 | 243 | 26 | 08.5 | 06.7 | 262 | 28 | 06.2 | 03.7 | 255 | 26 | 06.9 | 04.9 | 238 | 26 | 07.1 | 04.6 | 117 | 28 | 05.0 | 02.5 | 114 |
| 1.5 ,, | 15 | 09.7 | 09.2 | 248 | 22 | 07.7 | 05.3 | 270 | 25 | 06.3 | 03.2 | 278 | 24 | 05.7 | 03.0 | 265 | 22 | 06.5 | 02.2 | 114 | 23 | 05.5 | 01.4 | 188 |
| 2.1 ,, | 10 | 07.3 | 06.6 | 249 | 20 | 06.5 | 03.7 | 280 | 22 | 06.3 | 03.3 | 284 | 23 | 06.4 | 02.9 | 290 | 15 | 06.2 | 02.1 | 090 | 16 | 04.8 | 02.6 | 267 |
| 3.0 ,, | 07 | 05.4 | 05.1 | 254 | 15 | 05.9 | 02.9 | 306 | 21 | 06.4 | 03.1 | 315 | 19 | 06.9 | 02.5 | 321 | 08 | 04.5 | 03.3 | 285 | 12 | 04.4 | 02.9 | 280 |
| 3.6 ,, | 03 | 06.6 | 06.1 | 268 | 15 | 05.5 | 02.4 | 324 | 15 | 06.4 | 03.1 | 353 | 12 | 05.4 | 02.2 | 019 | 05 | 01.8 | 00.9 | 187 | 09 | 04.8 | 02.7 | 278 |
| 4.5 ,, | 01 | 03.0 | 03.0 | 255 | 11 | 06.4 | 03.1 | 321 | 12 | 05.8 | 02.7 | 350 | 06 | 04.7 | 02.5 | 048 | 04 | 03.0 | 02.4 | 142 | 06 | 04.5 | 02.8 | 304 |
| 5.4 ,, | 01 | 03.0 | 03.0 | 248 | 09 | 07.3 | 00.9 | 290 | 09 | 05.3 | 02.7 | 017 | 01 | 05.0 | 05.0 | 100 | 02 | 01.0 | 01.0 | 119 | 03 | 03.0 | 02.4 | 282 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 253 | 05 | 07.8 | 02.1 | 263 | 07 | 03.1 | 01.0 | 336 | 01 | 07.0 | 07.0 | 109 | 01 | 03.0 | 03.0 | 083 | 02 | 03.5 | 02.1 | 277 |
| 7.2 ,, | | | | | 02 | 13.0 | 02.2 | 006 | 04 | 02.5 | 01.5 | 339 | | | | | 01 | 01.0 | 01.0 | 079 | 01 | 05.0 | 05.0 | 052 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 01 | 07.0 | 07.0 | 135 | 01 | 08.0 | 08.0 | 075 |

| STATION | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 25 | 00.4 | 00.2 | 165 | 25 | 00.7 | 00.2 | 168 | 31 | 05.5 | 05.2 | 270 | 31 | 07.0 | 06.6 | 267 | 31 | 06.4 | 06.0 | 266 | 31 | 02.9 | 02.5 | 330 |
| .15 A.G.L. | 25 | 02.5 | 01.3 | 142 | 25 | 02.0 | 00.3 | 197 | 31 | 09.4 | 09.1 | 273 | 31 | 09.8 | 09.3 | 263 | 30 | 10.1 | 09.5 | 267 | 31 | 07.2 | 06.7 | 301 |
| .3A.M.S.L. | | | | | | | | | 31 | 10.3 | 10.1 | 272 | 31 | 09.9 | 09.6 | 262 | 30 | 10.1 | 09.6 | 266 | 31 | 07.7 | 07.3 | 313 |
| .6 ,, | | | | | | | | | 31 | 14.3 | 14.1 | 270 | 31 | 10.5 | 10.2 | 264 | 30 | 12.9 | 12.3 | 269 | 31 | 09.5 | 08.8 | 324 |
| .9 ,, | | | | | | | | | 31 | 14.9 | 14.7 | 270 | 31 | 10.6 | 10.6 | 265 | 30 | 13.0 | 12.3 | 271 | 31 | 11.8 | 11.3 | 300 |
| 1.5 ,, | | | | | | | | | 31 | 12.0 | 11.3 | 266 | 31 | 10.6 | 10.1 | 265 | 30 | 08.9 | 08.2 | 273 | 31 | 12.6 | 11.6 | 292 |
| 2.1 ,, | 25 | 01.9 | 00.7 | 081 | 25 | 02.2 | 00.1 | 070 | 30 | 10.8 | 09.8 | 269 | 30 | 10.5 | 09.7 | 271 | 27 | 08.0 | 07.2 | 280 | 31 | 12.3 | 11.7 | 285 |
| 3.0 ,, | 25 | 02.3 | 00.2 | 325 | 25 | 02.9 | 01.2 | 309 | 25 | 07.8 | 06.8 | 277 | 28 | 11.5 | 10.6 | 275 | 21 | 06.9 | 05.9 | 280 | 31 | 10.8 | 10.1 | 277 |
| 3.6 ,, | 25 | 03.0 | 00.7 | 182 | 25 | 03.1 | 00.7 | 286 | 23 | 07.0 | 05.6 | 280 | 25 | 10.0 | 09.0 | 279 | 12 | 05.3 | 03.0 | 272 | 31 | 09.8 | 08.7 | 270 |
| 4.5 ,, | 25 | 04.4 | 01.8 | 233 | 25 | 04.6 | 01.0 | 270 | 19 | 06.4 | 04.5 | 274 | 17 | 07.4 | 06.4 | 277 | 04 | 03.5 | 00.9 | 206 | 31 | 07.7 | 06.2 | 267 |
| 5.4 ,, | 25 | 05.6 | 02.5 | 267 | 24 | 05.7 | 03.6 | 287 | 11 | 06.6 | 04.7 | 269 | 10 | 06.9 | 05.6 | 289 | 01 | 03.0 | 03.0 | 170 | 31 | 06.2 | 04.5 | 264 |
| 6.0 ,, | 25 | 06.2 | 03.6 | 263 | 24 | 06.7 | 04.0 | 276 | 09 | 05.3 | 02.8 | 265 | 07 | 04.7 | 03.8 | 281 | 01 | 02.0 | 02.0 | 130 | 31 | 05.3 | 03.5 | 269 |
| 7.2 ,, | 25 | 10.3 | 08.4 | 255 | 23 | 12.0 | 07.5 | 263 | 04 | 04.7 | 02.9 | 106 | 03 | 04.3 | 01.7 | 075 | | | | | 31 | 04.8 | 00.8 | 133 |
| 9.0 ,, | 22 | 16.2 | 15.1 | 264 | 18 | 15.4 | 13.8 | 264 | | | | | 01 | 12.0 | 12.0 | 080 | | | | | 31 | 08.6 | 06.8 | 088 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.5 | 03.7 | 306 | 31 | 04.5 | 04.0 | 297 | 31 | 02.6 | 02.3 | 320 | 31 | 07.1 | 01.7 | 255 | 31 | 01.2 | 00.8 | 232 | 31 | 00.6 | 00.5 | 220 |
| .15 A.G.L. | 29 | 07.5 | 07.1 | 300 | 31 | 08.3 | 08.2 | 299 | 29 | 06.6 | 06.2 | 311 | 31 | 04.2 | 03.2 | 245 | 30 | 04.7 | 02.9 | 242 | 29 | 04.4 | 03.6 | 246 |
| .3A.M.S.L. | 29 | 08.1 | 07.6 | 303 | 31 | 08.7 | 08.6 | 298 | 29 | 07.9 | 07.4 | 304 | | | | | | | | | | | | |
| .6 ,, | 27 | 09.6 | 09.0 | 304 | 31 | 09.9 | 09.5 | 290 | 29 | 11.1 | 10.5 | 303 | | | | | | | | | | | | |
| .9 ,, | 23 | 10.6 | 10.0 | 303 | 31 | 11.7 | 11.4 | 300 | 28 | 12.6 | 12.3 | 302 | 31 | 06.0 | 04.4 | 260 | 30 | 05.0 | 02.8 | 245 | 29 | 04.7 | 03.7 | 268 |
| 1.5 ,, | 07 | 15.2 | 14.4 | 294 | 31 | 13.2 | 12.9 | 300 | 20 | 13.9 | 13.7 | 300 | 30 | 06.7 | 03.6 | 260 | 30 | 05.1 | 02.2 | 243 | 26 | 06.0 | 04.1 | 244 |
| 2.1 ,, | 05 | 13.6 | 12.7 | 292 | 31 | 12.9 | 12.6 | 290 | 07 | 10.4 | 10.1 | 290 | 23 | 05.8 | 00.4 | 035 | 30 | 06.0 | 02.2 | 245 | 26 | 05.4 | 01.2 | 194 |
| 3.0 ,, | 01 | 02.0 | 02.0 | 317 | 31 | 11.9 | 11.5 | 282 | 02 | 08.0 | 07.8 | 287 | 20 | 07.0 | 03.0 | 095 | 23 | 06.0 | 01.5 | 275 | 20 | 05.8 | 03.1 | 055 |
| 3.6 ,, | 01 | 05.0 | 05.0 | 344 | 31 | 10.9 | 10.3 | 276 | 01 | 07.0 | 07.0 | 310 | 18 | 06.5 | 02.4 | 090 | 20 | 05.0 | 00.8 | 015 | 15 | 04.4 | 02.6 | 040 |
| 4.5 ,, | | | | | 31 | 08.4 | 07.1 | 271 | 01 | 06.0 | 06.0 | 304 | 18 | 06.4 | 03.1 | 070 | 14 | 04.8 | 02.1 | 305 | 10 | 04.9 | 02.4 | 048 |
| 5.4 ,, | | | | | 31 | 05.5 | 04.4 | 270 | 01 | 03.0 | 03.0 | 306 | 17 | 07.0 | 04.6 | 075 | 12 | 04.4 | 01.2 | 315 | 01 | 05.0 | 05.0 | 087 |
| 6.0 ,, | | | | | 31 | 05.2 | 03.1 | 273 | 01 | 04.0 | 04.0 | 308 | 17 | 07.5 | 03.4 | 095 | 11 | 04.5 | 00.6 | 269 | | | | |
| 7.2 ,, | | | | | 31 | 04.4 | 01.1 | 183 | | | | | 12 | 07.3 | 03.6 | 125 | 07 | 05.8 | 00.5 | 317 | | | | |
| 9.0 ,, | | | | | 31 | 06.7 | 05.0 | 085 | | | | | 11 | 09.1 | 05.5 | 125 | 07 | 08.1 | 03.3 | 095 | | | | |

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.4 | 267 | 31 | 02.6 | 02.0 | 267 | 31 | 01.7 | 01.2 | 260 | 31 | 07.6 | 06.5 | 256 | 31 | 08.0 | 07.3 | 262 | 31 | 07.5 | 06.7 | 261 |
| .15 A.G.L. | 26 | 06.7 | 05.3 | 270 | 28 | 07.1 | 05.7 | 271 | 24 | 06.0 | 05.3 | 267 | 31 | 08.8 | 07.9 | 259 | 30 | 09.0 | 08.4 | 256 | 30 | 09.3 | 08.6 | 256 |
| .3A.M.S.L. | 26 | 07.6 | 06.2 | 273 | 28 | 09.3 | 07.9 | 274 | 24 | 07.4 | 06.6 | 269 | 31 | 09.5 | 08.7 | 259 | 30 | 10.0 | 09.4 | 258 | 30 | 09.9 | 09.3 | 259 |
| .6 ,, | 25 | 09.1 | 07.8 | 275 | 27 | 10.6 | 09.3 | 275 | 24 | 09.4 | 08.7 | 270 | 31 | 10.1 | 09.2 | 261 | 29 | 10.7 | 10.0 | 260 | 30 | 10.7 | 10.0 | 261 |
| .9 ,, | 13 | 09.5 | 08.3 | 279 | 19 | 11.6 | 10.1 | 274 | 10 | 09.1 | 07.9 | 283 | 25 | 09.9 | 09.1 | 262 | 23 | 09.8 | 09.2 | 258 | 28 | 10.0 | 09.3 | 261 |
| 1.5 ,, | 04 | 04.0 | 02.2 | 247 | 07 | 06.0 | 03.2 | 291 | 03 | 05.7 | 04.1 | 269 | 15 | 07.9 | 06.4 | 245 | 15 | 07.5 | 06.7 | 252 | 19 | 08.0 | 06.5 | 256 |
| 2.1 ,, | 03 | 03.0 | 02.0 | 172 | 06 | 04.8 | 00.7 | 342 | 01 | 05.0 | 05.0 | 170 | 05 | 05.4 | 03.4 | 170 | 11 | 05.7 | 03.7 | 250 | 11 | 06.9 | 02.7 | 210 |
| 3.0 ,, | 03 | 03.7 | 03.5 | 116 | 03 | 01.3 | 00.6 | 195 | 01 | 09.0 | 09.0 | 110 | 04 | 06.0 | 03.9 | 138 | 10 | 06.3 | 01.5 | 189 | 08 | 05.5 | 03.5 | 151 |
| 3.6 ,, | 02 | 03.5 | 03.3 | 113 | 03 | 02.7 | 01.0 | 340 | | | | | | | | | 10 | 06.8 | 01.9 | 173 | 02 | 05.0 | 03.9 | 109 |
| 4.5 ,, | | | | | 03 | 04.3 | 03.0 | 339 | | | | | | | | | 09 | 06.1 | 02.1 | 140 | | | | |
| 5.4 ,, | | | | | 03 | 05.0 | 01.7 | 330 | | | | | | | | | 08 | 04.6 | 03.6 | 106 | | | | |
| 6.0 ,, | | | | | 03 | 04.3 | 01.3 | 241 | | | | | | | | | 06 | 06.7 | 06.2 | 090 | | | | |
| 7.2 ,, | | | | | 03 | 05.3 | 03.8 | 155 | | | | | | | | | 05 | 08.0 | 06.0 | 118 | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | 05 | 08.4 | 07.8 | 097 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STATION | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.1 | 02.5 | 250 | 31 | 04.3 | 02.8 | 248 | 31 | 03.3 | 02.1 | 221 | 31 | 04.6 | 04.5 | 268 | 31 | 03.3 | 02.9 | 213 | 31 | 04.7 | 03.3 | 265 |
| .15 A.G.L. | 24 | 07.3 | 06.0 | 251 | 24 | 06.5 | 04.5 | 246 | 23 | 07.7 | 05.4 | 212 | 30 | 07.0 | 06.8 | 263 | 28 | 07.4 | 06.9 | 226 | 30 | 06.1 | 04.7 | 266 |
| .3A.M.S.L. | 24 | 09.1 | 08.1 | 257 | 24 | 06.5 | 04.5 | 256 | 23 | 08.8 | 06.4 | 223 | 30 | 07.2 | 07.0 | 257 | 28 | 07.6 | 07.2 | 232 | 30 | 06.2 | 04.8 | 264 |
| .6 ,, | 24 | 11.7 | 10.5 | 260 | 24 | 07.7 | 06.3 | 265 | 23 | 09.3 | 07.2 | 243 | 30 | 07.9 | 07.5 | 247 | 28 | 07.3 | 07.0 | 252 | 30 | 07.0 | 05.9 | 259 |
| .9 ,, | 24 | 12.7 | 11.1 | 269 | 24 | 09.0 | 07.9 | 273 | 23 | 09.5 | 07.6 | 257 | 30 | 08.5 | 07.6 | 250 | 25 | 06.8 | 06.4 | 262 | 30 | 07.8 | 07.3 | 262 |
| 1.5 ,, | 23 | 12.1 | 10.6 | 281 | 23 | 09.6 | 08.9 | 282 | 23 | 10.0 | 08.9 | 273 | 30 | 09.3 | 07.8 | 264 | 22 | 06.6 | 05.8 | 266 | 30 | 07.4 | 06.7 | 267 |
| 2.1 ,, | 19 | 08.7 | 07.6 | 281 | 20 | 09.7 | 08.6 | 286 | 21 | 08.1 | 06.2 | 280 | 30 | 08.8 | 07.5 | 270 | 21 | 06.1 | 05.3 | 275 | 30 | 06.9 | 06.1 | 276 |
| 3.0 ,, | 17 | 06.6 | 05.2 | 284 | 17 | 09.1 | 07.9 | 282 | 16 | 07.4 | 05.7 | 291 | 30 | 07.1 | 05.6 | 290 | 19 | 05.0 | 03.8 | 282 | 30 | 06.3 | 05.4 | 275 |
| 3.6 ,, | 14 | 05.5 | 02.4 | 269 | 12 | 06.5 | 04.5 | 278 | 09 | 06.6 | 05.3 | 287 | 30 | 06.6 | 04.8 | 299 | 15 | 05.7 | 04.2 | 274 | 30 | 06.7 | 04.9 | 283 |
| 4.5 ,, | 10 | 05.0 | 00.9 | 311 | 09 | 06.0 | 02.8 | 259 | 07 | 05.0 | 02.4 | 276 | 30 | 05.1 | 02.6 | 314 | 12 | 05.7 | 03.5 | 273 | 30 | 06.7 | 03.7 | 292 |
| 5.4 ,, | 09 | 04.8 | 00.4 | 138 | 06 | 06.0 | 02.5 | 234 | 05 | 04.0 | 03.0 | 049 | 30 | 05.3 | 01.4 | 356 | 11 | 04.7 | 01.4 | 271 | 30 | 06.7 | 02.8 | 309 |
| 6.0 ,, | 06 | 04.8 | 01.6 | 189 | 05 | 07.0 | 04.2 | 168 | 04 | 05.0 | 03.9 | 044 | 30 | 05.6 | 01.8 | 019 | 10 | 05.6 | 00.5 | 306 | 30 | 06.1 | 02.5 | 329 |
| 7.2 ,, | 04 | 07.0 | 04.9 | 101 | 02 | 08.5 | 08.1 | 093 | | | | | 30 | 06.4 | 02.6 | 069 | 04 | 03.5 | 03.3 | 051 | 30 | 05.9 | 03.1 | 029 |
| 9.0 ,, | | | | | | | | | | | | | 29 | 07.8 | 06.1 | 080 | 03 | 08.0 | 07.4 | 110 | 30 | 08.0 | 05.7 | 068 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.9 | 02.4 | 248 | | | | | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 31 | 06.5 | 06.1 | 245 | | | | | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 07.0 | 06.6 | 244 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 08.1 | 07.3 | 245 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 07.3 | 06.5 | 264 | | | | | | | | | | | | | | | | | | | | |
| 1.5 ,, | 28 | 06.9 | 06.2 | 276 | | | | | | | | | | | | | | | | | | | | |
| 2.1 ,, | 25 | 06.3 | 05.8 | 282 | | | | | | | | | | | | | | | | | | | | |
| 3.0 ,, | 15 | 05.1 | 04.3 | 284 | | | | | | | | | | | | | | | | | | | | |
| 3.6 ,, | 10 | 03.9 | 02.8 | 319 | | | | | | | | | | | | | | | | | | | | |
| 4.5 ,, | 05 | 04.6 | 02.4 | 032 | | | | | | | | | | | | | | | | | | | | |
| 5.4 ,, | 01 | 02.0 | 02.0 | 360 | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | 01 | 02.0 | 02.0 | 315 | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

Table V - Monthly mean directions and velocities of upper winds

Winds above 9 km. above sea level.

July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **AGARTALA** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 10.0 | 10.0 | 090 |
| 12.0 | 1 | 15.0 | 15.0 | 078 |
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 11.0 | 9.1 | 089 |
| 12.0 | 28 | 12.5 | 9.9 | 090 |
| 14.1 | 22 | 19.6 | 17.8 | 091 |
| 16.2 | 14 | 29.6 | 28.3 | 095 |
| 18.1 | 3 | 28.3 | 27.2 | 078 |
| 21.0 | 2 | 24.0 | 23.9 | 082 |
| 24.0 | 1 | 33.0 | 33.0 | 075 |
| | | 1130 hr. | | |
| 10.5 | 2 | 16.0 | 15.6 | 091 |
| 12.0 | 1 | 19.0 | 19.0 | 152 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 11.9 | 9.0 | 089 |
| 12.0 | 28 | 15.5 | 14.3 | 094 |
| 14.1 | 26 | 20.9 | 19.5 | 096 |
| 16.2 | 14 | 28.0 | 27.5 | 090 |
| 18.0 | 6 | 28.3 | 28.1 | 083 |
| 21.0 | 4 | 26.2 | 25.5 | 083 |
| | | **ALLAHABAD/ BAMHRAULI** | | |
| | | 0530 hr.* | | |
| 10.5 | 24 | 9.0 | 6.0 | 098 |
| 12.0 | 23 | 9.8 | 7.9 | 097 |
| 14.1 | 19 | 15.0 | 13.3 | 099 |
| 16.2 | 15 | 19.3 | 16.7 | 094 |
| 18.0 | 7 | 15.4 | 12.6 | 079 |
| 21.0 | 3 | 12.3 | 10.5 | 077 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 8.5 | 5.7 | 100 |
| 12.0 | 24 | 11.5 | 9.0 | 097 |
| 14.1 | 21 | 17.7 | 14.8 | 103 |
| 16.2 | 16 | 19.9 | 17.3 | 100 |
| 18.0 | 9 | 20.6 | 19.3 | 108 |
| 21.0 | 2 | 11.0 | 10.9 | 080 |
| | | **AMBALA** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 10.7 | 9.8 | 212 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **AMBALA (Contd.)** | | |
| | | 0530 hr.(Contd.) | | |
| 12.0 | 2 | 9.0 | 8.3 | 215 |
| | | **ASANSOL** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 10.5 | 10.1 | 113 |
| 12.0 | 1 | 4.0 | 4.0 | 100 |
| | | 1730 hr. | | |
| 10.5 | 1 | 4.0 | 4.0 | 253 |
| | | **BAHRAICH** | | |
| | | 1130 hr. | | |
| 10.5 | 1 | 18.0 | 18.0 | 180 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 1 | 10.0 | 10.0 | 075 |
| 12.0 | 1 | 18.0 | 18.0 | 095 |
| | | 1730 hr.● | | |
| 10.5 | 2 | 10.5 | 10.4 | 070 |
| 12.0 | 2 | 15.0 | 14.9 | 081 |
| | | **BAREILLY** | | |
| | | 0530 hr. | | |
| 10.5 | 5 | 11.0 | 7.6 | 141 |
| 12.0 | 4 | 11.0 | 9.3 | 124 |
| 14.1 | 2 | 12.0 | 11.3 | 122 |
| | | 1730 hr. | | |
| 10.5 | 4 | 10.0 | 9.5 | 171 |
| 12.0 | 3 | 12.3 | 11.2 | 158 |
| | | **BEGAMPET** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 6.0 | 6.0 | 082 |
| 12.0 | 1 | 10.0 | 10.0 | 095 |
| | | **BHOPAL/ BAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 14.0 | 14.0 | 100 |
| | | **BHUJ/ RUDRAMATA** | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 10.0 | 9.5 | 107 |
| 12.0 | 2 | 17.0 | 15.8 | 092 |
| 14.1 | 2 | 18.0 | 17.3 | 102 |
| 16.2 | 1 | 32.0 | 32.0 | 089 |
| 18.0 | 1 | 37.0 | 37.0 | 089 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **BIKANER** | | |
| | | 1730 hr. | | |
| 10.5 | 3 | 6.7 | 5.9 | 228 |
| 12.0 | 2 | 6.5 | 5.3 | 182 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 23 | 11.5 | 10.9 | 092 |
| 12.0 | 23 | 16.4 | 15.5 | 087 |
| 14.1 | 19 | 26.4 | 25.4 | 093 |
| 16.2 | 16 | 32.6 | 31.6 | 090 |
| 18.0 | 13 | 29.5 | 29.2 | 087 |
| 21.0 | 5 | 28.6 | 28.5 | 085 |
| 24.0 | 2 | 20.0 | 20.0 | 087 |
| | | 1730 hr.* | | |
| 10.5 | 24 | 12.3 | 11.4 | 087 |
| 12.0 | 24 | 17.5 | 16.7 | 091 |
| 14.1 | 19 | 26.6 | 25.8 | 091 |
| 16.2 | 17 | 36.4 | 35.3 | 088 |
| 18.0 | 11 | 37.5 | 37.3 | 090 |
| 21.0 | 4 | 26.3 | 25.9 | 091 |
| 24.0 | 2 | 32.0 | 32.0 | 092 |
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 31 | 13.2 | 12.4 | 105 |
| 12.0 | 31 | 16.6 | 15.8 | 091 |
| 14.1 | 29 | 24.4 | 22.8 | 089 |
| 16.2 | 26 | 27.2 | 25.9 | 094 |
| 18.0 | 21 | 24.9 | 24.2 | 093 |
| 21.0 | 13 | 25.9 | 25.6 | 090 |
| 24.0 | 1 | 32.0 | 37.0 | 113 |
| | | 1730 hr.* | | |
| 10.5 | 31 | 12.3 | 11.3 | 094 |
| 12.0 | 29 | 14.4 | 13.7 | 091 |
| 14.1 | 29 | 23.1 | 21.2 | 089 |
| 16.2 | 27 | 25.3 | 24.3 | 092 |
| 18.0 | 17 | 24.3 | 23.8 | 096 |
| 21.0 | 6 | 20.2 | 19.9 | 099 |
| 24.0 | 2 | 25.5 | 25.3 | 083 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 4.7 | 4.6 | 092 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **GADAG(Contd.)** | | |
| | | 0530 hr.(Contd.) | | |
| 12.0 | 3 | 9.7 | 9.5 | 094 |
| 14.1 | 2 | 16.5 | 16.3 | 091 |
| 16.2 | 1 | 23.0 | 23.0 | 090 |
| | | 1730 hr. | | |
| 10.5 | 1 | 3.0 | 3.0 | 117 |
| 12.0 | 1 | 8.0 | 8.0 | 114 |
| 14.1 | 1 | 25.0 | 25.0 | 096 |
| | | **GANGTOK** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 9.0 | 9.0 | 095 |
| 12.0 | 1 | 13.0 | 13.0 | 115 |
| 14.1 | 1 | 12.0 | 12.0 | 104 |
| 16.2 | 1 | 14.0 | 14.0 | 094 |
| 18.0 | 1 | 16.0 | 16.0 | 079 |
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 6.4 | 4.6 | 090 |
| 12.0 | 29 | 9.1 | 6.8 | 084 |
| 14.1 | 29 | 14.4 | 11.0 | 082 |
| 16.2 | 27 | 18.0 | 16.5 | 087 |
| 18.0 | 19 | 19.8 | 19.0 | 083 |
| 21.0 | 9 | 18.7 | 18.3 | 085 |
| 24.0 | 1 | 11.0 | 11.0 | 090 |
| | | 1130 hr. | | |
| 10.5 | 2 | 5.5 | 4.9 | 099 |
| 12.0 | 2 | 9.5 | 9.1 | 093 |
| 14.1 | 1 | 9.0 | 9.0 | 080 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 6.8 | 5.0 | 079 |
| 12.0 | 27 | 10.7 | 8.9 | 072 |
| 14.1 | 26 | 12.0 | 10.1 | 079 |
| 16.2 | 19 | 17.7 | 13.1 | 082 |
| 18.0 | 16 | 15.9 | 15.5 | 089 |
| 21.0 | 10 | 16.1 | 15.9 | 090 |
| 24.0 | 2 | 26.5 | 25.3 | 091 |

Table V - Monthly mean directions and velocities of upper winds

Winds above 9 km. above sea level.

July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **GWALIOR** | | | |
| | 0530 hr. | | | |
| 10.5 | 7 | 8.7 | 3.1 | 139 |
| 12.0 | 5 | 7.2 | 1.5 | 113 |
| 14.1 | 4 | 11.2 | 10.1 | 116 |
| 16.2 | 4 | 13.3 | 11.0 | 098 |
| 18.0 | 3 | 18.0 | 16.7 | 070 |
| 21.0 | 1 | 21.0 | 21.0 | 075 |
| | 1130 hr. | | | |
| 10.5 | 5 | 8.8 | 3.8 | 184 |
| 12.0 | 3 | 9.7 | 5.7 | 138 |
| 14.1 | 2 | 5.5 | 2.2 | 131 |
| 16.2 | 1 | 16.0 | 16.0 | 069 |
| | 1730 hr. | | | |
| 10.5 | 2 | 9.0 | 9.0 | 099 |
| 12.0 | 2 | 12.0 | 11.5 | 104 |
| 14.1 | 1 | 7.0 | 7.0 | 123 |
| 16.2 | 1 | 13.0 | 13.0 | 109 |
| 18.0 | 1 | 13.0 | 13.0 | 099 |
| | **JABALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 13.0 | 13.0 | 090 |
| | **JAGDALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 20.0 | 20.0 | 116 |
| | **JAIPUR/ SANGANER** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 7.3 | 6.1 | 120 |
| | 1730 hr. | | | |
| 10.5 | 1 | 8.0 | 8.0 | 291 |
| | **JODHPUR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 18 | 10.6 | 3.1 | 216 |
| 12.0 | 17 | 9.6 | 4.4 | 152 |
| 14.1 | 15 | 9.7 | 5.0 | 110 |
| 16.2 | 10 | 12.6 | 11.2 | 073 |
| 18.0 | 6 | 19.8 | 19.5 | 078 |
| 21.0 | 4 | 19.3 | 19.1 | 088 |
| 24.0 | 1 | 15.0 | 15.0 | 095 |
| | 1730 hr.* | | | |
| 10.5 | 12 | 8.0 | 4.0 | 149 |
| 12.0 | 10 | 8.2 | 4.6 | 161 |
| 14.1 | 9 | 11.5 | 7.7 | 139 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JODHPUR(Contd.)** | | | |
| | 1730 hr.* (Contd.) | | | |
| 16.2 | 5 | 10.7 | 8.8 | 127 |
| 18.0 | 3 | 14.0 | 12.8 | 095 |
| | **LUCKNOW/ AMAUSI** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 10.0 | 10.0 | 124 |
| | 1730 hr. | | | |
| 10.5 | 3 | 10.3 | 9.4 | 119 |
| 12.0 | 2 | 16.5 | 16.1 | 105 |
| 14.1 | 1 | 15.0 | 15.0 | 125 |
| 16.2 | 1 | 22.0 | 22.0 | 105 |
| 18.0 | 1 | 25.0 | 25.0 | 094 |
| 21.0 | 1 | 21.0 | 21.0 | 084 |
| | **MADRAS/ MINAMBAKKAM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 11.6 | 9.1 | 068 |
| 12.0 | 31 | 19.2 | 18.0 | 072 |
| 14.1 | 23 | 29.3 | 28.7 | 072 |
| 16.2 | 17 | 39.6 | 38.4 | 085 |
| 18.0 | 9 | 29.2 | 28.6 | 088 |
| 21.0 | 2 | 31.5 | 29.8 | 079 |
| | 1130 hr. | | | |
| 10.5 | 1 | 16.0 | 16.0 | 085 |
| 12.0 | 1 | 31.0 | 31.0 | 090 |
| 14.1 | 1 | 34.0 | 34.0 | 080 |
| | 1730 hr. | | | |
| 10.5 | 31 | 10.2 | 9.0 | 076 |
| 12.0 | 31 | 17.7 | 16.3 | 080 |
| 14.1 | 29 | 28.0 | 27.3 | 078 |
| 16.2 | 20 | 36.7 | 35.5 | 085 |
| 18.0 | 7 | 24.6 | 23.7 | 078 |
| 21.0 | 3 | 22.0 | 21.7 | 080 |
| | **MINICOY** | | | |
| | 1730 hr.* | | | |
| 10.5 | 29 | 12.2 | 10.5 | 075 |
| 12.0 | 28 | 21.7 | 20.9 | 076 |
| 14.1 | 24 | 32.5 | 32.1 | 075 |
| 16.2 | 22 | 33.6 | 32.3 | 091 |
| 18.0 | 18 | 18.6 | 17.7 | 091 |
| 21.0 | 13 | 19.7 | 17.4 | 076 |
| 24.0 | 4 | 19.0 | 15.4 | 096 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **NAGPUR/ SONEGAON** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 11.5 | 10.6 | 113 |
| 12.0 | 30 | 14.1 | 12.6 | 104 |
| 14.1 | 23 | 22.3 | 21.5 | 103 |
| 16.2 | 15 | 30.5 | 28.7 | 100 |
| 18.0 | 7 | 22.7 | 20.4 | 099 |
| 21.0 | 2 | 25.0 | 24.7 | 092 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 12.1 | 11.3 | 111 |
| 12.0 | 30 | 16.8 | 15.9 | 108 |
| 14.1 | 25 | 24.2 | 23.2 | 106 |
| 16.2 | 18 | 29.0 | 27.3 | 094 |
| 18.0 | 9 | 22.7 | 19.8 | 092 |
| 21.0 | 7 | 17.9 | 16.5 | 098 |
| | **NEW DELHI/ SAFDARJUNG** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 11.4 | 4.7 | 200 |
| 12.0 | 31 | 12.4 | 4.8 | 203 |
| 14.1 | 29 | 11.8 | 5.5 | 173 |
| 16.2 | 28 | 8.4 | 4.3 | 257 |
| 18.0 | 25 | 14.5 | 12.9 | 080 |
| 21.0 | 18 | 16.6 | 16.3 | 093 |
| 24.0 | 9 | 21.2 | 17.3 | 179 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 11.3 | 5.3 | 212 |
| 12.0 | 31 | 13.1 | 6.1 | 188 |
| 14.1 | 29 | 10.9 | 5.6 | 169 |
| 16.2 | 29 | 10.3 | 6.8 | 105 |
| 18.0 | 28 | 12.7 | 11.3 | 093 |
| 21.0 | 15 | 17.7 | 17.5 | 091 |
| 24.0 | 5 | 17.8 | 17.5 | 083 |
| | **PORT BLAIR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 14.6 | 8.9 | 067 |
| 12.0 | 28 | 18.6 | 16.4 | 062 |
| 14.1 | 22 | 26.9 | 26.4 | 070 |
| 16.2 | 21 | 39.5 | 38.1 | 074 |
| 18.0 | 15 | 30.2 | 29.9 | 076 |
| 21.0 | 11 | 27.2 | 22.0 | 085 |
| 24.0 | 1 | 30.0 | 30.0 | 069 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **PORT BLAIR (Contd.)** | | | |
| | 1730 hr.* | | | |
| 10.5 | 27 | 14.0 | 13.1 | 060 |
| 12.0 | 27 | 18.3 | 17.0 | 060 |
| 14.1 | 16 | 26.3 | 23.7 | 056 |
| 16.2 | 11 | 32.3 | 26.6 | 076 |
| 18.0 | 8 | 35.6 | 35.1 | 075 |
| 21.0 | 2 | 22.0 | 20.2 | 114 |
| | **RAXAUL** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 9.0 | 9.0 | 115 |
| 12.0 | 1 | 11.0 | 11.0 | 125 |
| | 1730 hr. | | | |
| 10.5 | 1 | 9.0 | 9.0 | 097 |
| 12.0 | 1 | 11.0 | 11.0 | 097 |
| 14.1 | 1 | 17.0 | 17.0 | 096 |
| 16.2 | 1 | 16.0 | 16.0 | 105 |
| | **SRINAGAR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 19 | 19.0 | 17.8 | 263 |
| 12.0 | 17 | 18.0 | 17.3 | 265 |
| 14.1 | 6 | 11.7 | 10.2 | 269 |
| 16.2 | 2 | 8.0 | 2.0 | 269 |
| | 1730 hr.* | | | |
| 10.5 | 15 | 17.4 | 15.6 | 270 |
| 12.0 | 15 | 17.3 | 15.3 | 269 |
| 14.1 | 7 | 12.4 | 9.0 | 274 |
| 16.2 | 1 | 9.0 | 9.0 | 114 |
| 18.0 | 1 | 11.0 | 11.0 | 081 |
| | **TRIVANDRUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 14.5 | 13.2 | 076 |
| 12.0 | 30 | 19.3 | 18.7 | 070 |
| 14.1 | 25 | 30.8 | 30.4 | 073 |
| 16.2 | 18 | 31.2 | 30.7 | 089 |
| 18.0 | 14 | 19.4 | 18.7 | 082 |
| 21.0 | 5 | 15.8 | 15.2 | 095 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 13.1 | 11.7 | 084 |
| 12.0 | 31 | 21.2 | 18.9 | 075 |
| 14.1 | 30 | 29.2 | 28.5 | 078 |
| 16.2 | 23 | 26.3 | 25.6 | 091 |
| 18.0 | 15 | 18.4 | 17.5 | 082 |

Table V - Monthly mean directions and velocities of upper winds

Winds above 9 Km. above sea level.

July 1966 (Asadha 10 - Sravana 9, 1888 Saka)

| Ht. in Km. | N | S | V | D | Ht. in Km. | N | S | V | D | Ht. in Km. | N | S | V | D | Ht. in Km. | N | S | V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **TRIVANDRUM** | | | | | | | | | | | | | | | | | | |
| | 1730 hr.*(Contd.) | | | | | | | | | | | | | | | | | | |
| 21.0 | 5 | 14.8 | 14.0 | 085 | | | | | | | | | | | | | | | |
| | **UDAIPUR** | | | | | | | | | | | | | | | | | | |
| | 0530 hr. | | | | | | | | | | | | | | | | | | |
| 10.5 | 8 | 9.9 | 7.0 | 150 | | | | | | | | | | | | | | | |
| 12.0 | 5 | 13.0 | 12.6 | 125 | | | | | | | | | | | | | | | |
| 14.1 | 3 | 21.0 | 9.1 | 130 | | | | | | | | | | | | | | | |
| 16.2 | 1 | 25.0 | 25.0 | 085 | | | | | | | | | | | | | | | |
| | 1730 hr. | | | | | | | | | | | | | | | | | | |
| 10.5 | 5 | 9.8 | 9.4 | 091 | | | | | | | | | | | | | | | |
| 12.0 | 4 | 14.5 | 14.5 | 087 | | | | | | | | | | | | | | | |
| 14.1 | 1 | 19.0 | 19.0 | 078 | | | | | | | | | | | | | | | |
| | **VERAVAL** | | | | | | | | | | | | | | | | | | |
| | 0530 hr. | | | | | | | | | | | | | | | | | | |
| 10.5 | 1 | 13.0 | 13.0 | 090 | | | | | | | | | | | | | | | |
| | **VISHAKHAPATNAM** | | | | | | | | | | | | | | | | | | |
| | 0530 hr.* | | | | | | | | | | | | | | | | | | |
| 10.5 | 29 | 10.2 | 9.2 | 090 | | | | | | | | | | | | | | | |
| 12.0 | 29 | 14.7 | 13.6 | 087 | | | | | | | | | | | | | | | |
| 14.1 | 17 | 22.8 | 21.5 | 080 | | | | | | | | | | | | | | | |
| 16.2 | 12 | 33.0 | 30.8 | 079 | | | | | | | | | | | | | | | |
| 18.0 | 6 | 29.2 | 25.7 | 088 | | | | | | | | | | | | | | | |
| | 1130 hr. | | | | | | | | | | | | | | | | | | |
| 10.5 | 2 | 19.5 | 19.5 | 084 | | | | | | | | | | | | | | | |
| 12.0 | 1 | 28.0 | 28.0 | 090 | | | | | | | | | | | | | | | |
| 14.1 | 1 | 28.0 | 28.0 | 090 | | | | | | | | | | | | | | | |
| 16.2 | 1 | 16.0 | 16.0 | 070 | | | | | | | | | | | | | | | |
| 18.0 | 1 | 27.0 | 27.0 | 090 | | | | | | | | | | | | | | | |
| 21.0 | 1 | 23.0 | 23.0 | 090 | | | | | | | | | | | | | | | |
| | 1730 hr.* | | | | | | | | | | | | | | | | | | |
| 10.5 | 30 | 10.9 | 9.0 | 071 | | | | | | | | | | | | | | | |
| 12.0 | 30 | 14.2 | 13.0 | 078 | | | | | | | | | | | | | | | |
| 14.1 | 19 | 21.5 | 20.0 | 072 | | | | | | | | | | | | | | | |
| 16.2 | 10 | 23.5 | 23.1 | 074 | | | | | | | | | | | | | | | |
| 18.0 | 5 | 25.0 | 23.2 | 079 | | | | | | | | | | | | | | | |

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at stations in India as given in the list below. For detailed description of the instruments used, reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 (Volume IX)

### List of Radiosonde Stations in India

| No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Allahabad/Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| 3. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 4. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 5. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947 |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| 8. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 9. | Minicoy | Fan type | 12th May. 1963 | 12 | |
| 10. | Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 11. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 12. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 13. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 14. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 15. | Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
( ) FROM ASCENTS AT 00 HRS G.M.T.
JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 994 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMRAULI ( 986 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 921 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 300.3 | 303 | 299 | 297.0 | 31 | 00098 | 301.6 | 307 | 298 | 298.0 | 31 | 00906 | 293.3 | 294 | 292 | 292.2 |
| 1000 | 31 | 00002 | | | | | 31 | 00025 | | | | | 31 | 00064 | | | | |
| 900 | 31 | 00926 | 296.2 | 303 | 293 | 293.5 | 31 | 00910 | 299.7 | 306 | 295 | 294.1 | 31 | 00983 | 293.0 | 294 | 292 | 291.9 |
| 850 | 31 | 01424 | 293.8 | 301 | 291 | 289.5 | 31 | 01413 | 297.6 | 303 | 293 | 291.2 | 31 | 01475 | 291.6 | 294 | 289 | 289.9 |
| 800 | 31 | 01948 | 293.1 | 298 | 289 | 286.2 | 31 | 01939 | 294.9 | 299 | 289 | 289.6 | 31 | 01993 | 289.8 | 293 | 286 | 286.8 |
| 700 | 31 | 03087 | 286.9 | 291 | 284 | 278.8 | 31 | 03082 | 288.4 | 291 | 283 | 282.2 | 31 | 03119 | 284.6 | 288 | 281 | 281.2 |
| 600 | 31 | 04372 | 279.7 | 284 | 273 | 271.3 | 31 | 04365 | 280.9 | 289 | 275 | 274.9 | 31 | 04391 | 278.3 | 283 | 274 | 274.4 |
| 500 | 30 | 05848 | 271.8 | 275 | 265 | 265.6 | 29 | 05843 | 273.1 | 277 | 268 | 271.5 | 31 | 05858 | 270.4 | 275 | 267 | 268.5 |
| 400 | 30 | 07602 | 263.0 | 267 | 259 | | 28 | 07631 | 264.4 | 269 | 261 | | 31 | 07590 | 260.0 | 267 | 256 | |
| 300 | 30 | 09767 | 249.4 | 255 | 245 | | 27 | 09741 | 251.5 | 258 | 245 | | 31 | 09715 | 245.0 | 250 | 241 | |
| 250 | 29 | 11076 | 239.8 | 245 | 236 | | 24 | 11118 | 242.2 | 249 | 236 | | 31 | 11007 | 236.8 | 244 | 233 | |
| 200 | 29 | 12609 | 228.5 | 234 | 224 | | 24 | 12665 | 231.6 | 238 | 223 | | 31 | 12520 | 224.6 | 231 | 219 | |
| 175 | 28 | 13494 | 221.8 | 229 | 217 | | 24 | 13564 | 224.3 | 234 | 215 | | 25 | 13381 | 218.9 | 227 | 213 | |
| 150 | 27 | 14478 | 214.6 | 223 | 209 | | 22 | 14567 | 217.5 | 228 | 207 | | 24 | 14370 | 212.3 | 221 | 203 | |
| 125 | 20 | 15621 | 207.5 | 217 | 203 | | 22 | 15754 | 209.7 | 219 | 201 | | 24 | 15485 | 206.5 | 214 | 196 | |
| 100 | 13 | 16991 | 202.0 | 211 | 196 | | 20 | 17056 | 203.9 | 209 | 197 | | 24 | 16824 | 201.1 | 207 | 197 | |
| 80 | 11 | 18326 | 202.9 | 211 | 195 | | 15 | 18361 | 203.2 | 212 | 195 | | 21 | 18180 | 205.1 | 213 | 195 | |
| 70 | 10 | 19119 | 208.8 | 217 | 204 | | 14 | 19139 | 204.6 | 217 | 195 | | 21 | 18970 | 208.4 | 219 | 200 | |
| 60 | 08 | 20093 | 213.4 | 222 | 209 | | 13 | 20095 | 209.5 | 223 | 199 | | 19 | 19940 | 211.5 | 221 | 203 | |
| 50 | 07 | 21239 | 218.3 | 228 | 214 | | 10 | 21188 | 214.9 | 231 | 203 | | 16 | 21079 | 214.4 | 225 | 206 | |
| 40 | | | | | | | 06 | 22483 | 215.0 | 221 | 208 | | 14 | 22494 | 216.6 | 227 | 205 | |
| 30 | | | | | | | | | | | | | 09 | 24358 | 221.7 | 230 | 213 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | CALCUTTA DUM DUM ( 998 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 996 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 299.6 | 301 | 297 | 297.8 | 31 | 00006 | 300.0 | 304 | 298 | 299.0 | 31 | 00049 | 299.7 | 302 | 298 | 298.2 |
| 1000 | 31 | 00019 | 299.2 | 301 | 295 | 297.0 | 31 | 00008 | 299.9 | 302 | 298 | 298.3 | 31 | 00008 | | | | |
| 900 | 30 | 00944 | 294.7 | 297 | 293 | 292.2 | 31 | 00923 | 296.4 | 301 | 294 | 294.0 | 31 | 00934 | 296.5 | 299 | 294 | 294.0 |
| 850 | 30 | 01438 | 292.0 | 295 | 289 | 289.7 | 31 | 01423 | 294.6 | 298 | 291 | 291.6 | 31 | 01431 | 294.4 | 297 | 291 | 291.9 |
| 800 | 30 | 01938 | 289.4 | 293 | 286 | 287.1 | 31 | 01947 | 292.1 | 295 | 288 | 288.9 | 31 | 01955 | 292.0 | 294 | 288 | 289.6 |
| 700 | 30 | 03085 | 284.8 | 290 | 282 | 278.9 | 31 | 03087 | 286.3 | 289 | 284 | 282.3 | 31 | 03058 | 286.4 | 289 | 283 | 284.1 |
| 600 | 30 | 04359 | 277.0 | 283 | 272 | 273.0 | 31 | 04364 | 279.7 | 284 | 277 | 275.5 | 30 | 04375 | 280.3 | 283 | 277 | 277.4 |
| 500 | 30 | 05822 | 270.0 | 274 | 265 | | 31 | 05854 | 272.1 | 276 | 269 | 268.8 | 30 | 05856 | 272.7 | 275 | 269 | 270.4 |
| 400 | 29 | 07559 | 260.0 | 270 | 255 | | 31 | 07607 | 262.4 | 267 | 258 | | 30 | 07615 | 264.0 | 267 | 259 | |
| 300 | 29 | 09695 | 245.8 | 251 | 239 | | 31 | 09770 | 245.6 | 254 | 244 | | 30 | 09790 | 251.3 | 255 | 245 | |
| 250 | 28 | 10963 | 237.9 | 246 | 229 | | 31 | 11077 | 239.9 | 247 | 233 | | 30 | 11110 | 242.3 | 247 | 235 | |
| 200 | 28 | 12497 | 224.9 | 230 | 219 | | 31 | 12611 | 227.0 | 236 | 217 | | 30 | 12562 | 230.8 | 235 | 223 | |
| 175 | 25 | 13363 | 218.5 | 225 | 212 | | 30 | 13482 | 221.4 | 229 | 212 | | 30 | 13435 | 224.9 | 231 | 216 | |
| 150 | 25 | 14338 | 212.0 | 219 | 205 | | 29 | 14480 | 214.0 | 223 | 207 | | 29 | 14554 | 216.9 | 225 | 205 | |
| 125 | 25 | 15451 | 205.4 | 211 | 200 | | 28 | 15612 | 207.2 | 215 | 199 | | 29 | 15707 | 209.1 | 217 | 199 | |
| 100 | 22 | 16810 | 201.0 | 215 | 193 | | 26 | 17311 | 201.5 | 213 | 193 | | 26 | 17042 | 203.3 | 210 | 195 | |
| 80 | 18 | 18122 | 204.8 | 215 | 197 | | 19 | 18253 | 202.5 | 218 | 195 | | 20 | 18379 | 204.9 | 212 | 192 | |
| 70 | 16 | 18926 | 209.0 | 221 | 201 | | 15 | 19083 | 204.5 | 221 | 199 | | 17 | 19213 | 208.6 | 224 | 189 | |
| 60 | 13 | 19878 | 211.9 | 222 | 205 | | 14 | 20004 | 207.1 | 213 | 203 | | 13 | 20162 | 211.0 | 219 | 194 | |
| 50 | 10 | 21051 | 216.4 | 225 | 212 | | 14 | 21139 | 211.3 | 218 | 207 | | 11 | 21310 | 215.0 | 223 | 198 | |
| 40 | 06 | 22339 | 217.7 | 223 | 208 | | 11 | 22579 | 217.3 | 224 | 210 | | 06 | 22792 | 220.5 | 227 | 212 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 970 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1002 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 965 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00217 | 301.4 | 305 | 298 | 296.2 | 31 | 00015 | 300.1 | 302 | 298 | 296.4 | 31 | 00311 | 299.4 | 303 | 296 | 295.6 |
| 1000 | 27 | 00045 | | | | | 31 | 00034 | 300.1 | 302 | 298 | 296.2 | 31 | 00008 | | | | |
| 900 | 27 | 00883 | 297.5 | 301 | 294 | 291.9 | 31 | 00961 | 295.9 | 299 | 292 | 290.1 | 31 | 00917 | 296.6 | 301 | 292 | 292.9 |
| 850 | 27 | 01381 | 295.2 | 301 | 291 | 289.0 | 31 | 01458 | 293.1 | 297 | 288 | 287.4 | 31 | 01423 | 294.1 | 299 | 289 | 290.9 |
| 800 | 27 | 01927 | 292.8 | 297 | 289 | 286.3 | 31 | 01981 | 290.2 | 293 | 286 | 285.0 | 31 | 01947 | 290.8 | 295 | 287 | 288.3 |
| 700 | 27 | 03041 | 286.8 | 291 | 281 | 278.7 | 31 | 03108 | 283.7 | 287 | 279 | 279.2 | 31 | 03079 | 284.2 | 287 | 279 | 281.1 |
| 600 | 23 | 04319 | 278.7 | 287 | 274 | 271.7 | 31 | 04376 | 276.4 | 282 | 271 | 273.1 | 31 | 04353 | 277.2 | 283 | 273 | 272.7 |
| 500 | 22 | 05789 | 271.3 | 279 | 263 | 262.4 | 31 | 05834 | 268.2 | 272 | 264 | | 31 | 05817 | 269.7 | 273 | 263 | |
| 400 | 21 | 07513 | 262.3 | 267 | 254 | | 31 | 07558 | 258.1 | 263 | 253 | | 31 | 07486 | 258.7 | 265 | 255 | |
| 300 | 18 | 09647 | 249.3 | 254 | 244 | | 31 | 09680 | 244.0 | 249 | 239 | | 31 | 09692 | 246.1 | 253 | 239 | |
| 250 | 18 | 11019 | 240.6 | 244 | 236 | | 31 | 10962 | 235.1 | 240 | 227 | | 31 | 10987 | 237.8 | 244 | 233 | |
| 200 | 17 | 12549 | 228.9 | 235 | 223 | | 31 | 12468 | 223.4 | 231 | 217 | | 31 | 12571 | 225.2 | 233 | 215 | |
| 175 | 15 | 13439 | 222.1 | 227 | 216 | | 28 | 13320 | 217.0 | 224 | 210 | | 27 | 13370 | 219.2 | 227 | 208 | |
| 150 | 14 | 14424 | 215.7 | 220 | 209 | | 27 | 14281 | 210.4 | 218 | 201 | | 27 | 14349 | 212.7 | 221 | 200 | |
| 125 | 13 | 15551 | 209.9 | 215 | 203 | | 24 | 15372 | 204.3 | 212 | 196 | | 20 | 15364 | 207.2 | 216 | 197 | |
| 100 | 10 | 16873 | 203.9 | 209 | 198 | | 24 | 16717 | 201.2 | 211 | 190 | | 18 | 16861 | 202.8 | 211 | 189 | |
| 80 | 08 | 18221 | 203.3 | 211 | 199 | | 21 | 18059 | 206.0 | 215 | 199 | | 09 | 18437 | 204.8 | 213 | 191 | |
| 70 | 08 | 19165 | 205.3 | 215 | 201 | | 19 | 18882 | 212.1 | 223 | 201 | | 07 | 19177 | 210.7 | 227 | 193 | |
| 60 | 05 | 19914 | 212.2 | 221 | 202 | | 13 | 19828 | 214.8 | 219 | 208 | | 07 | 20051 | 214.1 | 229 | 198 | |
| 50 | | | | | | | 09 | 21032 | 219.7 | 228 | 213 | | 05 | 21156 | 220.0 | 238 | 204 | |
| 40 | | | | | | | 06 | 22475 | 225.2 | 235 | 218 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
( ) FROM ASCENTS AT 00 HRS G.M.T.
JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| DARD SURE ACE B | NEW DELHI/SAFDARJUNG SURFACE PR ( 974 MB) | | | | | | PORT BLAIR ( 997 MB) | | | | | | SRINAGAR ( 835 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| ACE | 31 | 00209 | 301.9 | 305 | 299 | 296.5 | 31 | 00079 | 298.4 | 300 | 296 | 297.1 | 25 | 01588 | 290.8 | 296 | 286 | 289.6 |
| 000 | 31 | 00029 | | | | | 30 | 00057 | | | | | 25 | 00026 | | | | |
| 900 | 31 | 00905 | 300.2 | 306 | 297 | 291.5 | 30 | 00979 | 294.3 | 297 | 291 | 292.7 | 25 | 00945 | | | | |
| 850 | 31 | 01409 | 297.0 | 303 | 294 | 289.0 | 30 | 01473 | 292.2 | 294 | 288 | 287.9 | 25 | 01436 | | | | |
| 800 | 31 | 01937 | 293.4 | 298 | 291 | 286.0 | 30 | 01993 | 289.3 | 293 | 285 | 285.1 | 25 | 01954 | 289.6 | 295 | 284 | 286.6 |
| 700 | 31 | 03074 | 285.9 | 290 | 283 | 278.5 | 30 | 03120 | 283.5 | 286 | 280 | 279.2 | 25 | 03080 | 284.0 | 288 | 277 | 280.4 |
| 600 | 31 | 04354 | 278.4 | 282 | 273 | 269.7 | 29 | 04391 | 276.5 | 280 | 272 | 272.7 | 25 | 04348 | 276.4 | 281 | 270 | 273.9 |
| 500 | 31 | 05822 | 270.9 | 275 | 265 | | 29 | 05852 | 267.1 | 272 | 266 | | 25 | 05801 | 267.3 | 272 | 261 | |
| 400 | 31 | 07567 | 262.0 | 269 | 256 | | 29 | 07584 | 259.7 | 265 | 254 | | 24 | 07530 | 259.3 | 263 | 251 | |
| 300 | 31 | 09727 | 278.9 | 254 | 245 | | 29 | 09718 | 245.8 | 251 | 239 | | 19 | 09678 | 247.8 | 254 | 241 | |
| 250 | 31 | 11036 | 240.0 | 245 | 235 | | 29 | 11008 | 237.2 | 248 | 228 | | 17 | 10987 | 239.9 | 245 | 234 | |
| 200 | 31 | 12569 | 229.1 | 235 | 225 | | 28 | 12514 | 224.4 | 232 | 216 | | 16 | 12536 | 229.6 | 236 | 224 | |
| 175 | 30 | 13446 | 222.1 | 229 | 216 | | 25 | 13377 | 218.3 | 223 | 210 | | 11 | 13420 | 222.1 | 225 | 215 | |
| 150 | 29 | 14432 | 214.5 | 221 | 209 | | 24 | 14369 | 211.7 | 218 | 204 | | 09 | 14388 | 215.5 | 221 | 207 | |
| 125 | 28 | 15549 | 206.5 | 215 | 201 | | 24 | 15463 | 205.3 | 213 | 197 | | 08 | 15413 | 209.3 | 218 | 201 | |
| 100 | 28 | 16878 | 201.2 | 207 | 194 | | 22 | 16807 | 204.1 | 213 | 191 | | 06 | 16880 | 204.3 | 210 | 200 | |
| 80 | 28 | 18189 | 201.5 | 213 | 196 | | 19 | 18128 | 205.5 | 218 | 198 | | | | | | | |
| 70 | 27 | 19023 | 204.6 | 213 | 197 | | 18 | 18983 | 208.4 | 216 | 200 | | | | | | | |
| 60 | 24 | 19913 | 209.6 | 217 | 198 | | 14 | 19870 | 210.2 | 217 | 202 | | | | | | | |
| 50 | 19 | 21033 | 214.6 | 222 | 209 | | 12 | 21002 | 215.5 | 226 | 207 | | | | | | | |
| 40 | 13 | 22478 | 218.4 | 232 | 213 | | 07 | 22319 | 220.0 | 230 | 214 | | | | | | | |
| 30 | 07 | 24376 | 227.0 | 235 | 221 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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| DARD SURE ACE B | TRIVANDRUM SURFACE PR ( 1000 MB) | | | | | | VISHAKHAPATNAM ( 996 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| ACE | 31 | 00064 | 297.9 | 299 | 297 | 296.2 | 31 | 00041 | 300.1 | 303 | 296 | 297.7 | | | | | | |
| 000 | 31 | 00065 | 297.7 | 299 | 297 | 295.9 | 31 | 00005 | | | | | | | | | | |
| 900 | 31 | 00987 | 292.6 | 295 | 290 | 290.6 | 30 | 00938 | 296.0 | 299 | 291 | 292.2 | | | | | | |
| 850 | 31 | 01479 | 290.1 | 293 | 286 | 287.7 | 30 | 01435 | 293.4 | 297 | 289 | 289.6 | | | | | | |
| 800 | 31 | 01995 | 287.3 | 290 | 282 | 284.9 | 30 | 01958 | 290.8 | 293 | 286 | 287.3 | | | | | | |
| 700 | 31 | 03116 | 282.0 | 285 | 279 | 278.6 | 30 | 03088 | 283.9 | 287 | 280 | 281.7 | | | | | | |
| 600 | 31 | 04380 | 275.5 | 281 | 271 | 271.7 | 30 | 04362 | 277.3 | 282 | 273 | 275.3 | | | | | | |
| 500 | 31 | 05835 | 267.8 | 273 | 262 | | 30 | 05829 | 269.3 | 275 | 265 | 271.0 | | | | | | |
| 400 | 31 | 07554 | 257.2 | 263 | 251 | | 30 | 07564 | 260.1 | 265 | 256 | | | | | | | |
| 300 | 31 | 09663 | 241.9 | 247 | 233 | | 29 | 09703 | 245.1 | 251 | 238 | | | | | | | |
| 250 | 31 | 10932 | 232.7 | 239 | 220 | | 29 | 10989 | 235.9 | 243 | 230 | | | | | | | |
| 200 | 31 | 12415 | 220.4 | 228 | 207 | | 28 | 12501 | 224.7 | 231 | 219 | | | | | | | |
| 175 | 27 | 13259 | 214.3 | 222 | 207 | | 24 | 13346 | 219.0 | 226 | 214 | | | | | | | |
| 150 | 25 | 14226 | 207.2 | 215 | 198 | | 21 | 14340 | 212.8 | 218 | 206 | | | | | | | |
| 125 | 23 | 15285 | 200.5 | 207 | 192 | | 20 | 15442 | 206.1 | 212 | 199 | | | | | | | |
| 100 | 20 | 16608 | 198.3 | 204 | 189 | | 18 | 16795 | 200.5 | 207 | 195 | | | | | | | |
| 80 | 13 | 17972 | 204.2 | 209 | 197 | | 14 | 18133 | 204.1 | 217 | 191 | | | | | | | |
| 70 | 11 | 18767 | 208.2 | 215 | 199 | | 12 | 18940 | 207.8 | 220 | 201 | | | | | | | |
| 60 | 08 | 19718 | 211.1 | 221 | 200 | | 10 | 19888 | 211.5 | 227 | 199 | | | | | | | |
| 50 | 07 | 20845 | 214.0 | 227 | 203 | | 08 | 20978 | 214.0 | 221 | 206 | | | | | | | |
| 40 | 05 | 22002 | 218.2 | 231 | 207 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

( ) FROM ASCENTS AT 12 HRS G.M.T.

JULY, 1966 (ASADHA 10 - SRAVANA 9, 1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 992 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMRAULI ( 985 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 906 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 306.0 | 313 | 299 | 296.5 | 31 | 00098 | 308.9 | 314 | 300 | 298.0 | 31 | 00921 | 298.9 | 305 | 291 | 292.3 |
| 1000 | 30 | 00017 | | | | | 30 | 00043 | | | | | 31 | 00039 | | | | |
| 900 | 30 | 00925 | 300.0 | 306 | 295 | 292.1 | 30 | 00902 | 302.3 | 309 | 298 | 294.5 | 31 | 00974 | 298.6 | 305 | 293 | 292.4 |
| 850 | 30 | 01428 | 296.7 | 301 | 291 | 289.5 | 30 | 01409 | 298.1 | 305 | 295 | 290.7 | 31 | 01473 | 295.1 | 301 | 291 | 290.8 |
| 800 | 30 | 01955 | 293.3 | 297 | 288 | 287.3 | 30 | 01937 | 294.8 | 302 | 291 | 288.3 | 31 | 01996 | 290.9 | 297 | 287 | 287.5 |
| 700 | 30 | 03096 | 287.5 | 291 | 284 | 280.8 | 30 | 03081 | 288.0 | 293 | 284 | 280.9 | 31 | 03125 | 284.1 | 288 | 281 | 281.9 |
| 600 | 30 | 04384 | 280.3 | 288 | 276 | 272.6 | 30 | 04371 | 280.6 | 285 | 275 | 273.6 | 31 | 04399 | 278.0 | 281 | 275 | 275.0 |
| 500 | 30 | 05864 | 272.3 | 279 | 269 | 265.0 | 30 | 05845 | 273.5 | 279 | 270 | 263.3 | 31 | 05866 | 270.0 | 274 | 267 | |
| 400 | 30 | 07622 | 263.8 | 268 | 259 | | 30 | 07626 | 264.3 | 269 | 257 | | 31 | 07600 | 259.6 | 267 | 251 | |
| 300 | 30 | 09793 | 250.5 | 256 | 245 | | 30 | 09785 | 251.0 | 258 | 242 | | 31 | 09737 | 245.3 | 256 | 240 | |
| 250 | 30 | 11108 | 240.7 | 245 | 234 | | 29 | 11233 | 239.9 | 249 | 234 | | 31 | 11027 | 236.7 | 249 | 232 | |
| 200 | 29 | 12650 | 229.4 | 236 | 221 | | 27 | 12667 | 230.9 | 239 | 221 | | 31 | 12539 | 225.1 | 239 | 219 | |
| 175 | 28 | 13531 | 221.8 | 228 | 212 | | 26 | 13560 | 223.8 | 234 | 212 | | 24 | 13382 | 218.6 | 232 | 213 | |
| 150 | 25 | 14514 | 214.6 | 221 | 208 | | 26 | 14533 | 218.3 | 229 | 207 | | 24 | 14368 | 211.5 | 224 | 201 | |
| 125 | 21 | 15643 | 206.6 | 215 | 198 | | 23 | 15738 | 209.9 | 221 | 203 | | 24 | 15466 | 205.1 | 210 | 199 | |
| 100 | 15 | 16970 | 200.2 | 207 | 196 | | 21 | 16984 | 204.1 | 215 | 197 | | 24 | 16808 | 200.6 | 209 | 194 | |
| 80 | 12 | 18271 | 202.7 | 213 | 196 | | 17 | 18339 | 203.0 | 217 | 195 | | 22 | 18161 | 204.7 | 211 | 199 | |
| 70 | 12 | 19085 | 208.1 | 215 | 200 | | 14 | 19171 | 204.6 | 213 | 193 | | 21 | 18971 | 207.6 | 214 | 201 | |
| 60 | 09 | 20023 | 213.6 | 219 | 211 | | 10 | 20023 | 208.4 | 221 | 197 | | 19 | 19900 | 209.2 | 215 | 203 | |
| 50 | 08 | 21185 | 217.3 | 224 | 208 | | 07 | 21105 | 209.1 | 219 | 202 | | 18 | 21006 | 212.0 | 219 | 201 | |
| 40 | | | | | | | | | | | | | 14 | 22375 | 216.5 | 225 | 205 | |
| 30 | | | | | | | | | | | | | 11 | 24209 | 218.8 | 225 | 210 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUM DUM ( 997 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 994 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 301.2 | 304 | 298 | 297.9 | 31 | 00006 | 302.9 | 307 | 299 | 299.7 | 31 | 00049 | 302.6 | 305 | 300 | 299.2 |
| 1000 | 30 | 00017 | 301.5 | 304 | 298 | 296.9 | 31 | 00025 | | | | | 31 | 00015 | | | | |
| 900 | 30 | 00945 | 295.5 | 299 | 293 | 292.6 | 31 | 00910 | 297.8 | 302 | 294 | 294.8 | 31 | 00917 | 298.2 | 302 | 295 | 294.6 |
| 850 | 30 | 01441 | 292.5 | 296 | 288 | 289.8 | 31 | 01411 | 294.9 | 300 | 291 | 291.8 | 31 | 01416 | 295.1 | 299 | 293 | 291.6 |
| 800 | 30 | 01963 | 290.0 | 294 | 285 | 283.4 | 31 | 01937 | 292.4 | 297 | 288 | 289.5 | 31 | 01938 | 293.0 | 297 | 291 | 289.3 |
| 700 | 30 | 03092 | 285.3 | 290 | 283 | 279.1 | 31 | 03076 | 286.5 | 289 | 283 | 283.1 | 31 | 03077 | 287.4 | 288 | 285 | 284.0 |
| 600 | 30 | 04368 | 277.9 | 284 | 273 | 272.6 | 31 | 04364 | 280.5 | 285 | 275 | 275.8 | 31 | 04375 | 281.3 | 285 | 279 | 276.5 |
| 500 | 30 | 05836 | 270.9 | 275 | 265 | | 31 | 05849 | 273.0 | 276 | 269 | 268.8 | 31 | 05853 | 274.0 | 277 | 269 | 268.8 |
| 400 | 30 | 07578 | 261.4 | 266 | 256 | | 31 | 07608 | 263.4 | 267 | 259 | | 31 | 07618 | 264.5 | 268 | 261 | |
| 300 | 29 | 09727 | 247.4 | 253 | 241 | | 31 | 09775 | 249.8 | 254 | 244 | | 30 | 09794 | 251.6 | 256 | 247 | |
| 250 | 28 | 11031 | 238.9 | 245 | 231 | | 30 | 11086 | 240.4 | 245 | 235 | | 29 | 11119 | 242.1 | 247 | 235 | |
| 200 | 28 | 12558 | 227.6 | 233 | 218 | | 29 | 12625 | 229.0 | 235 | 222 | | 28 | 12677 | 231.5 | 239 | 223 | |
| 175 | 23 | 13449 | 221.6 | 228 | 215 | | 29 | 13511 | 221.9 | 229 | 215 | | 28 | 13563 | 223.4 | 230 | 216 | |
| 150 | 23 | 14436 | 215.0 | 224 | 208 | | 29 | 14493 | 214.3 | 223 | 208 | | 28 | 14567 | 210.1 | 224 | 208 | |
| 125 | 23 | 15564 | 207.0 | 217 | 198 | | 28 | 15634 | 206.9 | 217 | 200 | | 26 | 15603 | 209.2 | 219 | 200 | |
| 100 | 21 | 16907 | 202.0 | 211 | 195 | | 28 | 16965 | 200.9 | 210 | 193 | | 24 | 17065 | 204.2 | 215 | 193 | |
| 80 | 15 | 18254 | 203.4 | 212 | 196 | | 15 | 18237 | 200.9 | 210 | 194 | | 20 | 18379 | 203.4 | 215 | 195 | |
| 70 | 13 | 19099 | 208.2 | 217 | 202 | | 11 | 19056 | 203.3 | 211 | 195 | | 16 | 19169 | 206.0 | 215 | 198 | |
| 60 | 13 | 20062 | 212.8 | 227 | 201 | | 07 | 19979 | 207.0 | 211 | 203 | | 15 | 20105 | 209.0 | 217 | 197 | |
| 50 | 10 | 21238 | 216.3 | 231 | 204 | | 07 | 21100 | 213.1 | 216 | 211 | | 15 | 21233 | 214.2 | 219 | 205 | |
| 40 | 09 | 22705 | 220.3 | 236 | 208 | | | | | | | | 11 | 22654 | 217.7 | 222 | 210 | |
| 30 | 05 | 24524 | 221.6 | 230 | 215 | | | | | | | | 07 | 24548 | 219.5 | 224 | 214 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

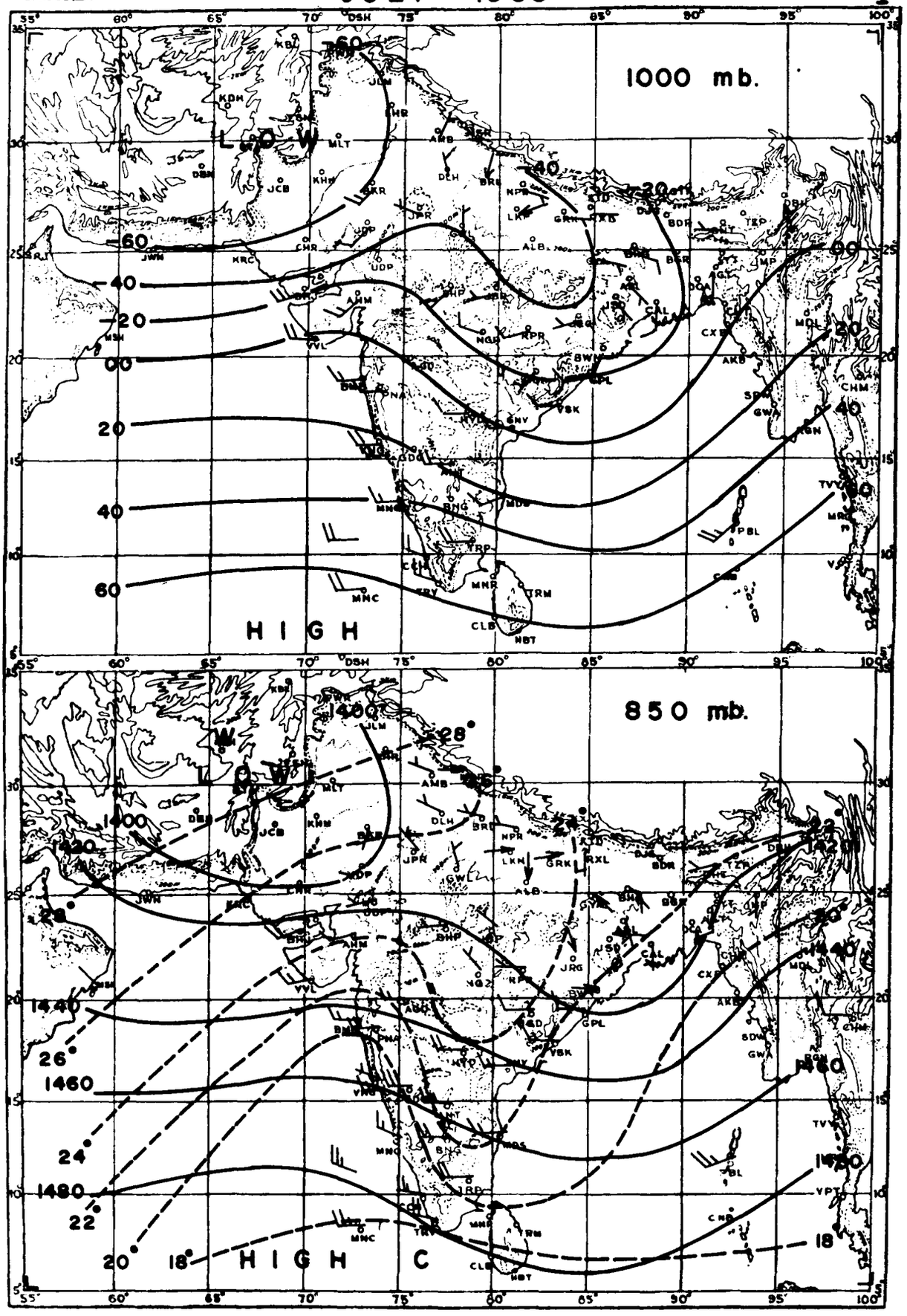
| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 969 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1000 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MINICOY ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00217 | 307.9 | 311 | 301 | 295.8 | 31 | 00015 | 304.7 | 310 | 297 | 297.6 | 31 | 00002 | 301.3 | 303 | 298 | 297.5 |
| 1000 | 26 | 00068 | | | | | 31 | 00013 | 302.9 | 309 | 297 | 297.7 | 31 | 00066 | 300.6 | 303 | 297 | 296.9 |
| 900 | 26 | 00879 | 302.5 | 308 | 295 | 292.1 | 31 | 00983 | 298.7 | 307 | 294 | 298.1 | 31 | 00990 | 294.0 | 297 | 291 | 290.3 |
| 850 | 26 | 01389 | 298.0 | 307 | 291 | 289.8 | 31 | 01452 | 295.4 | 303 | 291 | 288.6 | 31 | 01483 | 291.0 | 293 | 288 | 287.3 |
| 800 | 26 | 01910 | 294.9 | 304 | 290 | 288.0 | 31 | 01976 | 291.0 | 295 | 284 | 285.8 | 31 | 02002 | 288.4 | 291 | 285 | 284.2 |
| 700 | 26 | 03057 | 281.5 | 293 | 284 | 270.3 | 31 | 03105 | 284.1 | 289 | 279 | 279.3 | 31 | 03122 | 282.7 | 285 | 279 | 277.4 |
| 600 | 21 | 04346 | 280.3 | 285 | 276 | 272.3 | 31 | 04376 | 277.5 | 282 | 272 | 272.9 | 31 | 04388 | 275.5 | 280 | 271 | 271.1 |
| 500 | 20 | 05853 | 272.7 | 279 | 263 | 259.0 | 31 | 05862 | 269.9 | 274 | 265 | | 31 | 05842 | 268.3 | 274 | 263 | |
| 400 | 18 | 07587 | 263.8 | 267 | 256 | | 31 | 07576 | 259.6 | 264 | 254 | | 31 | 07562 | 257.5 | 262 | 251 | |
| 300 | 13 | 09758 | 250.1 | 254 | 247 | | 31 | 09708 | 244.6 | 249 | 240 | | 31 | 09672 | 242.6 | 248 | 238 | |
| 250 | 10 | 11034 | 241.6 | 246 | 238 | | 31 | 10992 | 235.5 | 240 | 239 | | 30 | 10946 | 233.5 | 239 | 229 | |
| 200 | 10 | 12629 | 231.2 | 234 | 228 | | 31 | 12496 | 223.9 | 230 | 215 | | 28 | 12439 | 222.0 | 228 | 211 | |
| 175 | 09 | 13526 | 224.5 | 228 | 220 | | 29 | 13353 | 217.5 | 223 | 210 | | 25 | 13282 | 216.6 | 223 | 209 | |
| 150 | 08 | 14523 | 216.7 | 222 | 210 | | 29 | 14332 | 210.7 | 219 | 202 | | 25 | 14261 | 210.3 | 218 | 205 | |
| 125 | 07 | 15659 | 210.6 | 217 | 203 | | 25 | 15431 | 204.9 | 212 | 198 | | 25 | 15351 | 203.5 | 210 | 197 | |
| 100 | 05 | 17047 | 204.2 | 211 | 196 | | 23 | 16763 | 199.6 | 208 | 191 | | 24 | 16702 | 202.2 | 209 | 187 | |
| 80 | | | | | | | 14 | 18104 | 204.0 | 212 | 199 | | 22 | 18053 | 207.8 | 215 | 202 | |
| 70 | | | | | | | 14 | 18924 | 208.8 | 216 | 201 | | 18 | 18896 | 211.2 | 218 | 205 | |
| 60 | | | | | | | 12 | 19945 | 209.5 | 221 | 204 | | 15 | 19818 | 214.5 | 221 | 207 | |
| 50 | | | | | | | 07 | 20934 | 213.6 | 217 | 210 | | 13 | 20953 | 216.7 | 224 | 209 | |
| 40 | | | | | | | | | | | | | 08 | 22353 | 219.6 | 227 | 216 | |
| 30 | | | | | | | | | | | | | 05 | 24371 | 225.1 | 230 | 221 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
( ) FROM ASCENTS AT 12 HRS G.M.T.
JULY,1966 (ASADHA 10 - SRAVANA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NAGPUR/SONEGAON SURFACE PR ( 963 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 972 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | PORT BLAIR ( 997 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00311 | 304.0 | 312 | 297 | 295.6 | 31 | 00209 | 307.9 | 313 | 301 | 296.9 | 31 | 00079 | 299.4 | 301 | 297 | 297.3 |
| 1000 | 31 | 00028 | | | | | 31 | 00046 | | | | | 31 | 00052 | | | | |
| 900 | 31 | 00918 | 299.8 | 306 | 295 | 294.0 | 31 | 00904 | 303.4 | 310 | 298 | 291.9 | 31 | 00974 | 294.2 | 296 | 291 | 291.7 |
| 850 | 31 | 01423 | 296.3 | 301 | 292 | 292.2 | 31 | 01411 | 299.8 | 311 | 296 | 289.4 | 31 | 01468 | 291.9 | 295 | 289 | 289.3 |
| 800 | 31 | 01948 | 292.2 | 297 | 288 | 289.6 | 31 | 01944 | 295.5 | 300 | 292 | 286.7 | 31 | 01987 | 289.1 | 293 | 285 | 286.0 |
| 700 | 31 | 03086 | 285.2 | 289 | 281 | 283.5 | 31 | 03085 | 287.6 | 291 | 283 | 278.1 | 31 | 03112 | 283.7 | 287 | 281 | 278.7 |
| 600 | 31 | 04364 | 278.8 | 283 | 273 | 276.6 | 31 | 04370 | 280.1 | 285 | 273 | 270.2 | 30 | 04383 | 277.0 | 281 | 274 | 272.7 |
| 500 | 31 | 05840 | 271.0 | 278 | 262 | 272.1 | 31 | 05845 | 272.1 | 276 | 264 | 264.7 | 29 | 05846 | 269.3 | 274 | 265 | |
| 400 | 31 | 07578 | 261.0 | 265 | 250 | | 31 | 07598 | 262.9 | 267 | 255 | | 29 | 07576 | 259.0 | 263 | 253 | |
| 300 | 31 | 09731 | 247.5 | 253 | 235 | | 31 | 09765 | 250.1 | 256 | 244 | | 27 | 09697 | 244.7 | 251 | 239 | |
| 250 | 31 | 11027 | 239.0 | 245 | 228 | | 31 | 11076 | 240.9 | 248 | 234 | | 27 | 10981 | 235.4 | 244 | 231 | |
| 200 | 31 | 12551 | 226.7 | 233 | 218 | | 31 | 12618 | 230.3 | 237 | 225 | | 27 | 12483 | 223.2 | 233 | 215 | |
| 175 | 26 | 13415 | 219.6 | 225 | 212 | | 31 | 13665 | 223.8 | 233 | 218 | | 20 | 13335 | 215.3 | 221 | 209 | |
| 150 | 26 | 14417 | 213.0 | 220 | 205 | | 30 | 14499 | 216.6 | 226 | 210 | | 19 | 14290 | 208.2 | 219 | 201 | |
| 125 | 20 | 15500 | 207.9 | 215 | 199 | | 30 | 15632 | 208.4 | 218 | 203 | | 17 | 15385 | 201.7 | 211 | 192 | |
| 100 | 19 | 16830 | 201.7 | 211 | 190 | | 30 | 16675 | 202.1 | 208 | 196 | | 13 | 16708 | 196.5 | 204 | 187 | |
| 80 | 10 | 18166 | 203.9 | 217 | 195 | | 28 | 18297 | 201.6 | 214 | 195 | | 08 | 17963 | 198.5 | 209 | 189 | |
| 70 | 08 | 18983 | 206.5 | 217 | 199 | | 25 | 19084 | 204.3 | 213 | 197 | | 06 | 18724 | 202.8 | 213 | 195 | |
| 60 | 08 | 19925 | 207.6 | 219 | 202 | | 22 | 20006 | 209.1 | 219 | 202 | | | | | | | |
| 50 | 06 | 21025 | 212.8 | 221 | 206 | | 13 | 21098 | 213.0 | 219 | 207 | | | | | | | |
| 40 | | | | | | | 06 | 22555 | 217.0 | 225 | 211 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

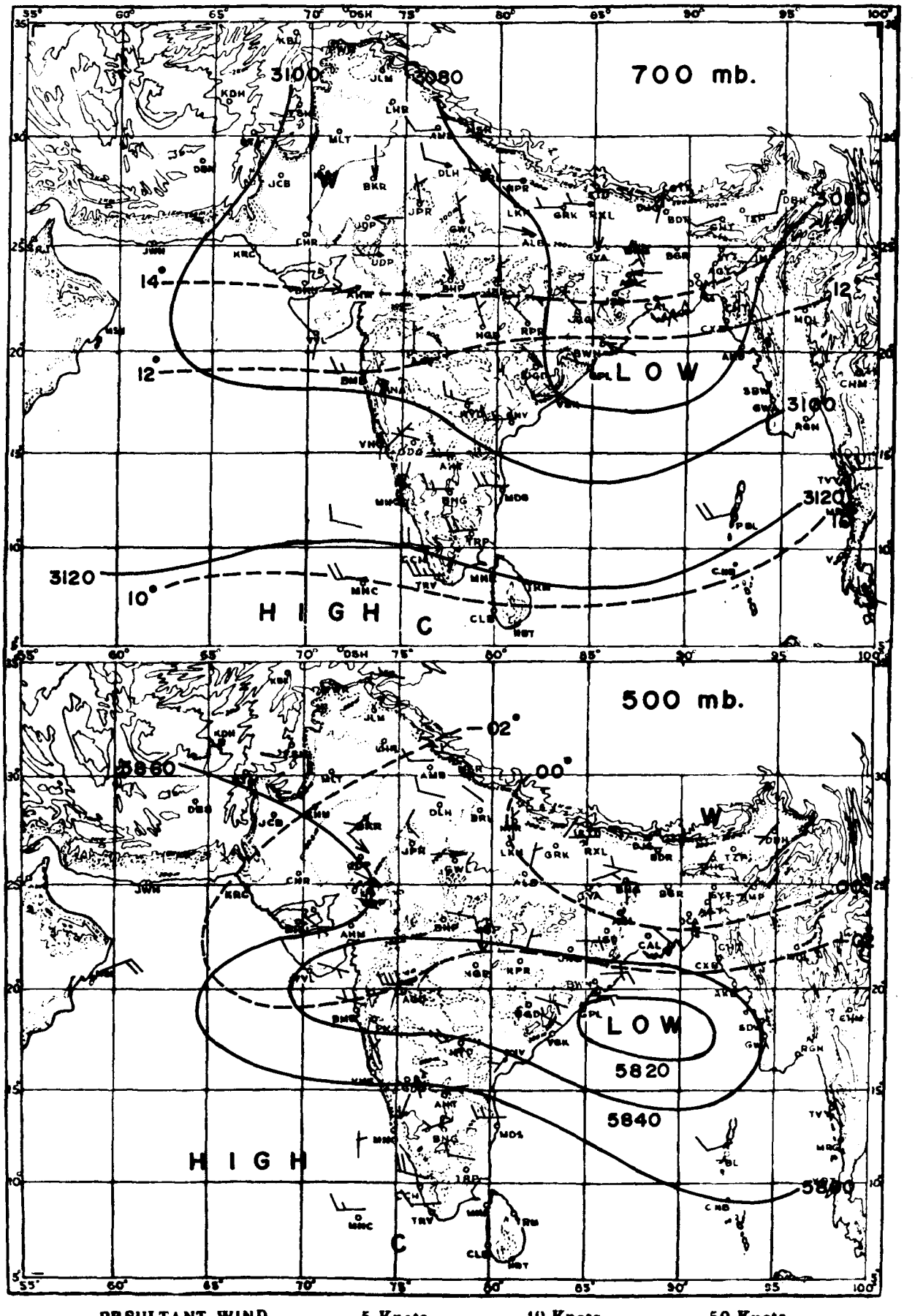
| STANDARD PRESSURE SURFACE MB | SRINAGAR SURFACE PR ( 825 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | VISHAKAPATNAM ( 994 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 25 | 01588 | 295.6 | 305 | 287 | 290.6 | 31 | 00064 | 300.6 | 302 | 299 | 296.8 | 31 | 00041 | 301.9 | 305 | 297 | 298.1 |
| 1000 | 25 | 00452 | | | | | 31 | 00057 | 300.8 | 302 | 300 | 296.8 | 31 | 00010 | | | | |
| 900 | 25 | 00900 | | | | | 31 | 00983 | 293.8 | 297 | 291 | 291.0 | 30 | 00925 | 296.6 | 301 | 293 | 293.2 |
| 850 | 25 | 01405 | | | | | 31 | 01478 | 291.2 | 294 | 289 | 288.2 | 30 | 01424 | 293.9 | 299 | 290 | 290.7 |
| 800 | 25 | 01944 | 295.9 | 304 | 285 | 286.3 | 31 | 01996 | 288.5 | 291 | 284 | 285.6 | 30 | 01948 | 290.8 | 295 | 288 | 288.2 |
| 700 | 25 | 03087 | 287.8 | 295 | 280 | 277.1 | 31 | 03122 | 283.6 | 287 | 280 | 278.8 | 30 | 03080 | 284.1 | 288 | 280 | 282.2 |
| 600 | 25 | 04327 | 278.2 | 286 | 268 | 271.1 | 31 | 04394 | 277.1 | 279 | 272 | 271.8 | 30 | 04354 | 277.2 | 280 | 273 | 274.7 |
| 500 | 24 | 05829 | 268.6 | 277 | 261 | | 31 | 05855 | 269.1 | 273 | 265 | | 30 | 05821 | 269.7 | 275 | 266 | |
| 400 | 22 | 07566 | 259.1 | 268 | 252 | | 31 | 07581 | 256.5 | 263 | 253 | | 30 | 07555 | 259.7 | 264 | 255 | |
| 300 | 17 | 09642 | 246.5 | 250 | 241 | | 31 | 09696 | 242.8 | 247 | 237 | | 30 | 09694 | 245.7 | 251 | 236 | |
| 250 | 16 | 10955 | 238.7 | 245 | 231 | | 31 | 10970 | 233.6 | 240 | 229 | | 30 | 10984 | 236.9 | 243 | 229 | |
| 200 | 14 | 12540 | 228.8 | 235 | 220 | | 31 | 12460 | 221.5 | 229 | 216 | | 30 | 12494 | 225.2 | 233 | 218 | |
| 175 | 12 | 13413 | 223.0 | 229 | 215 | | 28 | 13310 | 215.3 | 221 | 209 | | 23 | 13339 | 218.3 | 227 | 213 | |
| 150 | 09 | 14411 | 217.0 | 223 | 211 | | 28 | 14279 | 208.9 | 219 | 202 | | 22 | 14325 | 211.7 | 220 | 200 | |
| 125 | 08 | 15607 | 212.0 | 216 | 207 | | 26 | 15349 | 201.7 | 209 | 192 | | 18 | 15416 | 205.0 | 213 | 196 | |
| 100 | 08 | 16956 | 207.7 | 215 | 205 | | 26 | 16679 | 198.9 | 209 | 188 | | 16 | 16784 | 201.6 | 210 | 191 | |
| 80 | 05 | 18308 | 208.0 | 211 | 204 | | 20 | 17980 | 205.4 | 220 | 199 | | 12 | 18117 | 205.3 | 215 | 197 | |
| 70 | | | | | | | 18 | 18806 | 210.0 | 221 | 204 | | 08 | 18946 | 205.5 | 212 | 197 | |
| 60 | | | | | | | 13 | 19745 | 211.8 | 218 | 207 | | | | | | | |
| 50 | | | | | | | 10 | 20892 | 214.8 | 223 | 209 | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

*I. Met. D.* **JULY 1966** *Plate* I




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.




RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ——— Contours in geopotential metres.

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1966

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## AUGUST-1966

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# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## AUGUST

# Monthly Weather Report

## For

## AUGUST - 1966

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* * * *

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II AND III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| # | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |

# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## AUGUST

Published by authority of the Government of India

Chief features :-

(i) Monsoon activity confined to north India and central parts of the country;

(ii) Heavy rains leading to floods in northern parts of Assam, West Bengal and Bihar State during the last week; and

(iii) Feeble monsoon activity over the Peninsula but with spells of good rainfall over the southeastern parts.

The depression which was lying over north Madhya Pradesh on 31st July weakened into a low pressure area by 1st August. Later,it shifted northwards and merged into the seasonal trough by 2nd. Under its influence, good rainfall activity continued over north and central India. The monsoon was also active over West Madhya Pradesh and West Uttar Pradesh. Some of the heavy rainfalls recorded during this sepll were : Pachmarhi and Kalimpong 10 cm. each on 1st, Gwalior 14 cm. and Aligarh and Tonk 10 cm. each on 2nd and Delhi (Palam) 12 cm. and Jharsuguda 10 cm. on 3rd.

A low pressure area formed over Gangetic West Bengal and neighbourhood on 6th. Moving westnorthwestwards, it lay over southwest Uttar Pradesh and neighbourhood on 9th. Later it moved to northwest Uttar Pradesh and the Punjab where it lay as an upper air trough on 11th. It finally moved away eastwards across the hills of west Uttar Pradesh and of the Punjab by the next day. In association with it the monsoon was active in the central parts of the country, Uttar Pradesh and northwest India. The noteworthy amounts of rainfall recorded were : Mussoorie 14 cm., Dharmsala 12 cm., Dharchula 12 cm. and Dehra Dun and Najibabad 11 cm. each on 6th and Dehra Dun 15 cm. and Jamshedpur 13 cm. on 7th.

Another feeble low pressure area formed over Bihar Plateau and adjoining Gangetic West Bengal on 12th. It persisted with no appreciable movement till 14th. Later, it shifted slightly westwards and persisted as an upper air cyclonic circulation over northeast Madhya Pradesh and neighbourhood till 20th. Thereafter it moved northwestwards to northeast Rajasthan and finally moved northeastwards, across the Western Himalayas by 22nd. This system also helped to maintain the monsoon activity over north and central India. Najibabad recorded 18 cm. of rain on 14th, Hyderabad 15 cm. and Champa 13 cm. on 15th, Hissar 14 cm. on 16th, Malda 15 cm. on 18th and Mussoorie 19 cm. on 19th. According to press reports, the rivers in the Punjab rose in spate during the third week causing breaches of bunds and flooding of a few low lying villages in the Punjab and Rajasthan.

The axis of the monsoon trough shifted northwards and lay close to the foot of the Himalayas during the last week. Consequently the rainfall over the central parts of the country decreased considerably and there was heavy rainfall over the Himalayas and adjoining plains. The rainfall , however, decreased towards the end of the month. Some of the noteworthy amounts of rainfall recorded were : Jalpaiguri 18 cm. and Pasighat 17 cm. on 21st, Pasighat 14 cm. on 22nd, Motihari 12 cm. on 23rd, Baghdogra 22 cm. and Cooch Behar 21 cm. on 24th, Jalpaiguri 23 cm. on 25th and Nainital 18 cm. on 27th. According to press reports, the heavy rains led to serious floods in the northern parts of Assam, West Bengal and Bihar State causing damage to standing crops and disrupting surface communications. Nearly one and a half lakh people were reported to have been affected by the floods in Assam and 3.6 lakh people in north Bihar. Crops worth about Rs.25 crores over an area of 15.5 lakh acres were also reported to have been destroyed in north Bihar.

Feeble monsoon conditions prevailed generally over the Peninsula during the month. However, there were spells of good rainfall in the southeastern parts. An upper air cyclonic circulation developed over the east central and adjoining northeast Bay of Bengal on 28th. It shifted slowly westwards and lay as an extended trough over the north Peninsula and adjoining Bay on 31st. At the same time,a trough of low pressure also developed over the east central Arabian Sea off the Mysore coast and persisted there during the period 28th-31st. Under the influence of these two systems, there was well distributed rainfall over the Peninsula towards the end of the month.

The total rainfall in the month was in large excess in Sub-Himalayan West Bengal and Madras State, in moderate excess in West Uttar Pradesh, Punjab and Rayalaseema, and in slight excess in Assam and West Rajasthan. It was normal in the Bay Islands, Bihar Plateau, Jammu and Kashmir and Coastal Andhra Pradesh. It was in slight defect in Gangetic West Bengal, Bihar Plains, East Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh, Telangana, North Interior Mysore and Arabian Sea Islands, in moderate defect in Orissa, East Rajasthan, East Madhya Pradesh and Vidarbha and in large defect in Gujarat, Saurashtra, Konkan, Madhya Maharashtra, Marathwada, Coastal Mysore, South Interior Mysore and Kerala.

The mean maximum temperature was above normal in Himachal Pradesh, Gujarat, Saurashtra, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh, Telangana, North and South Interior Mysore and was normal over the rest of the country.

The mean minimum temperature was normal over the country.

The mean relative humidity in the morning was normal over the country.

The mean relative humidity in the evening was below normal in West Rajasthan, Gujarat, Saurashtra, Madhya Maharashtra, Coastal Mysore and South Interior Mysore. It was normal over the rest of the country.

The mean cloud amount in the morning was normal all over the country.

The mean cloud amount in the evening was below normal in West Rajasthan and Saurashtra and it was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona-5.

7th January 1967.

R. ANANTHAKRISHNAN

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING | 459.4 | 123 | 30.9 | 23.9 | 88 | 83 | 7.1 | 6.2 |
| MANIPUR,TRIPURA) | + 86.1 | | -0.6 | -0.7 | + 2 | + 1 | +0.3 | +0.3 |
| 2.WEST BENGAL . . . | 405.3 | 107 | 32.0 | 25.3 | 86 | 83 | 6.2 | 6.1 |
| | + 28.0 | | +0.3 | -0.5 | + 2 | + 1 | -0.3 | -0.2 |
| 3.ORISSA . . . . . | 204.7 | 59 | 31.6 | 25.0 | 85 | 81 | 6.3 | 6.7 |
| | -145.0 | | +0.9 | +0.0 | + 0 | - 1 | -0.4 | -0.2 |
| 4.BIHAR . . . . . | 262.0 | 82 | 31.9 | 24.9 | 86 | 80 | 6.4 | 6.4 |
| | - 56.1 | | +0.4 | -0.4 | + 1 | - 1 | -0.2 | -0.0 |
| 5.UTTAR PRADESH . . | 336.8 | 109 | 32.0 | 24.6 | 86 | 78 | 6.0 | 5.9 |
| | + 27.7 | | -0.0 | -0.6 | + 0 | - 1 | +0.2 | +0.3 |
| 6.PUNJAB(INCLUDING | 266.5 | 116 | 33.4 | 24.5 | 82 | 69 | 4.3 | 4.1 |
| H.P.AND DELHI) . | + 36.7 | | -0.2 | -0.4 | + 0 | + 1 | -0.3 | -0.2 |
| 7.JAMMU AND KASHMIR | 133.0 | 108 | 27.1 | 15.2 | 69 | 48 | 4.4 | 4.4 |
| | + 9.7 | | +0.2 | -0.5 | - 5 | + 3 | -0.1 | +0.4 |
| 8.RAJASTHAN . . | 144.3 | 83 | 33.4 | 24.7 | 77 | 62 | 4.2 | 4.4 |
| | - 30.0 | | +0.3 | -0.6 | - 3 | - 5 | -0.8 | -0.9 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 259.8 | 76 | 30.0 | 23.2 | 87 | 76 | 6.6 | 6.6 |
| | - 81.5 | | +0.5 | -0.1 | - 1 | - 3 | -0.3 | -0.3 |
| 10.GUJARAT STATE . . | 24.2 | 16 | 32.1 | 25.1 | 82 | 65 | 5.6 | 5.3 |
| | -127.3 | | +1.2 | +0.1 | - 4 | - 8 | -1.2 | -1.2 |
| 11.MAHARASHTRA STATE | 142.7 | 47 | 30.4 | 23.2 | 84 | 70 | 6.3 | 6.4 |
| | -162.2 | | +1.1 | +0.2 | - 2 | - 5 | -0.4 | -0.4 |
| 12.ANDHRA PRADESH . | 144.5 | 92 | 33.2 | 25.0 | 79 | 66 | 6.0 | 6.2 |
| | - 12.8 | | +1.1 | +0.2 | + 1 | - 2 | -0.4 | -0.5 |
| 13.MADRAS STATE . . | 156.3 | 185 | 34.2 | 24.8 | 74 | 65 | 5.5 | 6.1 |
| | + 71.8 | | +0.3 | -0.3 | + 5 | + 5 | +0.1 | +0.2 |
| 14.MYSORE . . . . . | 125.8 | 48 | 29.3 | 21.4 | 86 | 67 | 6.7 | 6.7 |
| | -134.5 | | +1.3 | +0.3 | - 0 | - 6 | -0.1 | -0.1 |
| 15.KERALA . . . . | 129.7 | 44 | 29.8 | 23.9 | 88 | 81 | 6.1 | 6.4 |
| | -166.9 | | +0.9 | +0.5 | - 1 | - 2 | -0.4 | -0.2 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 369.6 | 105 | 30.0 | 23.9 | 86 | 87 | 6.0 | 6.4 |
| | + 16.7 | | +0.7 | -0.6 | + 2 | + 1 | -0.4 | -0.3 |
| 2.NORTH ASSAM . | 456.2 | 125 | 31.4 | 24.1 | 88 | 82 | 7.0 | 6.0 |
| (INCLUDING NEFA) | + 91.9 | | -0.7 | -1.0 | + 2 | + 1 | +0.3 | +0.3 |
| 3.SOUTH ASSAM (INC | 467.2 | 118 | 29.9 | 23.3 | 88 | 84 | 7.2 | 6.6 |
| LUDING N.LANDETC) | + 72.0 | | -0.6 | -0.2 | + 2 | + 1 | +0.4 | +0.2 |
| 4.SUB-HIMALAYAN, | 846.3 | 153 | 30.9 | 24.6 | 90 | 83 | 7.0 | 5.9 |
| WEST BENGAL. | +294.5 | | -0.6 | -0.8 | + 5 | + 2 | +0.6 | -0.0 |
| 5.GANGETIC,WEST- | 258.3 | 81 | 32.4 | 25.5 | 85 | 83 | 5.9 | 6.2 |
| BENGAL. | - 60.9 | | +0.7 | -0.4 | + 0 | - 0 | -0.6 | -0.3 |
| 6.ORISSA . | 204.7 | 59 | 31.6 | 25.0 | 85 | 81 | 6.3 | 6.7 |
| | -145.0 | | +0.9 | +0.0 | + 0 | - 1 | -0.4 | -0.2 |
| 7.BIHAR PLATEAU. . | 308.2 | 91 | 31.4 | 24.1 | 84 | 79 | 6.2 | 6.8 |
| | - 30.5 | | +0.8 | -0.3 | - 0 | - 3 | -0.5 | -0.1 |
| 8.BIHAR PLAINS. . | 232.4 | 76 | 32.3 | 25.6 | 87 | 81 | 6.5 | 6.2 |
| | - 72.6 | | +0.1 | -0.5 | + 3 | + 1 | +0.1 | +0.0 |
| 9.UTTAR PRADESH, | 280.2 | 89 | 32.5 | 25.0 | 86 | 78 | 6.3 | 5.9 |
| (EAST). | - 33.2 | | +0.2 | -0.8 | + 0 | - 2 | +0.3 | +0.2 |
| 10.UTTAR PRADESH, | 417.1 | 138 | 31.3 | 24.0 | 85 | 77 | 5.4 | 5.8 |
| (WEST). | +114.1 | | -0.2 | -0.3 | + 0 | + 1 | -0.1 | +0.4 |
| 11.PUNJAB(INCLUDING | 250.6 | 126 | 33.4 | 25.0 | 80 | 67 | 4.1 | 3.8 |
| DELHI). | + 51.7 | | -0.7 | -0.4 | - 0 | + 0 | -0.3 | -0.3 |
| 12.HIMACHAL PRADESH | 353.8 | 89 | 33.5 | 22.2 | 91 | 77 | 5.3 | 5.9 |
| | - 45.8 | | +2.4 | -0.3 | + 3 | + 3 | -0.5 | +0.4 |
| 13.JAMMU AND KASH- | 133.0 | 108 | 27.1 | 15.2 | 69 | 48 | 4.4 | 4.4 |
| MIR. | + 9.7 | | +0.2 | -0.5 | - 5 | + 3 | -0.1 | +0.4 |
| 14.RAJASTHAN(WEST). | 114.6 | 113 | 35.1 | 25.2 | 75 | 54 | 3.6 | 3.7 |
| | + 12.9 | | +0.5 | -0.7 | - 3 | - 6 | -0.7 | -0.9 |
| 15.RAJASTHAN(EAST). | 168.7 | 72 | 32.0 | 24.3 | 79 | 67 | 4.7 | 5.0 |
| | - 65.1 | | +0.1 | -0.5 | - 4 | - 5 | -0.9 | -0.9 |
| 16.MADHYA PRADESH | 235.9 | 80 | 29.6 | 22.9 | 87 | 74 | 6.5 | 6.5 |
| (WEST). | - 57.7 | | +0.4 | -0.2 | - 1 | - 4 | -0.4 | -0.3 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . | 291.7 | 72 | 30.4 | 23.7 | 86 | 78 | 6.6 | 6.7 |
| (EAST). | -113.3 | | +0.6 | +0.0 | - 0 | - 2 | -0.1 | -0.3 |
| 18.GUJARAT REGION . | 52.3 | 25 | 32.1 | 24.5 | 84 | 62 | 5.7 | 5.4 |
| | -154.1 | | +1.1 | +0.1 | - 5 | -11 | -1.3 | -1.0 |
| 19.SAURASHTRA KUTCH. | 6.9 | 6 | 32.1 | 25.5 | 82 | 68 | 5.4 | 5.2 |
| (INCLUDING DIU) . | -110.8 | | +1.3 | +0.2 | - 4 | - 6 | -1.2 | -1.3 |
| 20.KONKAN (INCLUDING | 159.0 | 34 | 29.3 | 24.8 | 88 | 82 | 6.8 | 6.6 |
| GOA) . | -310.8 | | +0.7 | +0.4 | - 0 | - 3 | -0.1 | -0.2 |
| 21.MADHYAMAHARASHTRA | 96.6 | 44 | 30.7 | 22.0 | 82 | 64 | 6.2 | 6.3 |
| | -124.6 | | +1.3 | +0.2 | - 2 | - 6 | -0.3 | -0.4 |
| 22.MARATHWADA. . | 59.6 | 45 | 30.9 | 21.8 | 81 | 60 | 6.0 | 6.5 |
| | - 72.0 | | +1.3 | +0.0 | - 4 | - 8 | -0.8 | -0.4 |
| 23.VIDARBHA. . | 210.4 | 70 | 30.9 | 23.6 | 83 | 70 | 6.1 | 6.2 |
| | - 89.7 | | +1.2 | +0.2 | - 2 | - 4 | -0.6 | -0.7 |
| 24.COASTAL ANDHRA | 133.8 | 94 | 33.8 | 25.9 | 79 | 70 | 5.8 | 6.0 |
| PRADESH. . | - 9.0 | | +1.1 | +0.2 | + 1 | - 1 | -0.5 | -0.6 |
| 25.TELANGANA. . | 158.6 | 78 | 32.2 | 23.9 | 83 | 67 | 6.4 | 6.5 |
| | - 45.0 | | +1.4 | +0.2 | + 1 | - 3 | -0.2 | -0.4 |
| 26.RAYALASEEMA. . | 144.7 | 140 | 33.6 | 24.5 | 73 | 52 | 5.7 | 6.4 |
| | + 41.7 | | +0.7 | +0.4 | + 1 | - 3 | -0.8 | -0.3 |
| 27.MADRAS STATE. . | 156.3 | 185 | 34.2 | 24.8 | 74 | 65 | 5.5 | 6.1 |
| | + 71.8 | | +0.3 | -0.3 | + 5 | + 5 | +0.1 | +0.2 |
| 28.COASTAL MYSORE . | 266.7 | 40 | 28.7 | 23.7 | 91 | 82 | 7.2 | 6.9 |
| | -397.8 | | +0.5 | +0.2 | - 0 | - 6 | +0.1 | -0.2 |
| 29.INTERIOR MYSORE. | 112.1 | 80 | 30.3 | 21.5 | 84 | 64 | 6.6 | 7.1 |
| (NORTH). . | - 28.9 | | +1.5 | +0.5 | - 1 | - 5 | +0.2 | +0.4 |
| 30.INTERIOR MYSORE. | 67.3 | 41 | 28.8 | 20.2 | 85 | 62 | 6.5 | 6.2 |
| (SOUTH). . | - 95.4 | | +1.5 | +0.1 | + 0 | - 6 | -0.4 | -0.6 |
| 31.KERALA. . | 129.7 | 44 | 29.8 | 23.9 | 88 | 81 | 6.1 | 6.4 |
| | -166.9 | | +0.9 | +0.5 | - 1 | - 2 | -0.4 | -0.2 |
| 32.ARABIANSEAISLANDS | 185.2 | 87 | 29.9 | 25.7 | 82 | 76 | 6.1 | 5.7 |
| | - 28.1 | | +0.5 | +0.4 | - 1 | - 4 | -0.1 | -0.8 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 30.6 | +1.7 | 32.6 | 09 | 24.3 | -0.1 | 21.7 | 31 | 226.6 | 352.2 | - 69.8 | 62.2 | 18 | 18 | - 1.7 | 13.7 | 9.9 | -3.4 | 0 | 24 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Long Island | 30.9 | +1.0 | 33.8 | 09 | 22.8 | -1.7 | 21.2 | 26 | 162.0 | 251.6 | -153.8 | 30.0 | 26 | 21 | + 3.3 | 6.9 | 4.6 | +1.0 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Blair | 29.7 | +0.9 | 31.1 | 09 | 23.7 | -0.4 | 22.2 | 29 | 192.9 | 311.6 | -109.0 | 68.8 | 16 | 18 | - 1.9 | 19.9 | 14.1 | -4.8 | 2 | 24 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 |
| Car Nicobar | 30.1 | +0.2 | 31.4 | 01 | 24.0 | -0.4 | 22.3 | 28 | 247.0 | 431.7 | +116.5 | 53.2 | 10 | 20 | + 4.8 | 7.1 | 4.5 | -1.3 | 0 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 29.7 | +0.5 | 31.4 | 01 | 24.5 | -0.3 | 23.0 | 10 | 133.6 | 351.1 | +114.6 | 111.2 | 10 | 16 | + 0.7 | 12.6 | 10.3 | -2.4 | 0 | 25 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 28.7 | -0.3 | 30.2 | 01 | 23.9 | -0.9 | 22.7 | 09 | 152.6 | 519.6 | +201.5 | 131.0 | 10 | 17 | + 1.1 | 12.3 | 10.3 | +1.4 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 28.9 | -2.1 | 34.3 | 18 | 21.5 | -2.5 | 20.3 | 26 | 379.1 | 1145.3 | +360.6 | 168.6 | 21 | 25 | + 7.0 | 3.7 | 3.0 | -0.5 | 1 | 27 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 29.7 | -1.6 | 34.1 | 18 | 24.3 | -0.4 | 23.3 | 03 | 125.8 | 773.8 | +355.4 | 87.1 | 19 | 23 | + 5.3 | 5.3 | 4.1 | +1.0 | 0 | 28 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Digboi | 30.3[b] | -1.5 | .. | .. | 22.7[b] | -1.9 | .. | .. | 96.3[b] | 402.8[b] | - 24.6 | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Lakhimpur | 30.1 | -1.1 | 33.0 | 06 | 23.6 | -1.0 | 22.2 | 26 | 65.1 | 560.8 | + 32.7 | 69.0 | 09 | 21 | + 2.0 | 7.6 | 5.3 | .. | 1 | 28 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Sibsagar | 31.6 | -0.5 | 35.2 | 18 | 22.0 | -3.4 | 17.8 | 25 | 14.7 | 411.1 | - 1.9 | 79.0 | 05 | 20 | + 1.4 | 5.8 | 5.4 | +0.3 | 0 | 27 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 31.3 | -1.2 | 34.8 | 18 | 24.1 | -0.7 | 22.6 | 25 | 29.7 | 262.9 | - 36.1 | 42.1 | 04 | 14 | + 1.2 | 4.2 | 2.9 | .. | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 31.8 | .. | 34.5 | 12 | 24.3 | .. | 22.1 | 26 | 83.0 | 443.8 | +109.4 | 86.2 | 01 | 15 | - 0.1 | 6.3 | 4.1 | +0.4 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 32.5 | .. | 35.2 | 13 | 24.9 | .. | 23.5 | 01 | 39.6 | 335.2 | .. | 72.9 | 13 | 18 | .. | .. | .. | .. | 0 | 23 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Tangla | 32.3 | -0.6 | 34.8 | 18 | 26.3 | +1.2 | 24.6 | 24 | 30.7 | 291.1 | + 67.8 | 95.2 | 05 | 10 | - 1.2 | 2.7 | 2.5 | +0.8 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 31.6 | -0.6 | 34.3 | 18 | 25.4 | 0.0 | 23.5 | 25 | 13.0 | 261.1 | - 64.3 | 62.6 | 07 | 17 | + 1.2 | 5.8 | 3.9 | +1.6 | 1 | 24 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 32.6 | +0.3 | 35.6 | 18 | 23.3 | -0.8 | 21.9 | 01 | 41.8[b] | 271.2 | - 63.7 | 45.8 | 20 | 18 | + 2.3 | .. | .. | .. | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rangia | 32.7 | -0.3 | 35.5 | 17 | 24.7 | -0.4 | 21.6 | 26 | 56.5[a] | 328.1 | + 42.1 | 90.0 | 25 | 14 | + 2.2 | 6.1[b] | 4.2 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 32.7 | 0.0 | 35.7 | 18 | 22.4 | -3.3 | 19.8 | 10 | 29.0[b] | 360.3[b] | +101.7 | .. | .. | .. | .. | 5.3[c] | 5.1[d] | .. | . | .. | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Goalpara | 31.9 | -0.5 | 34.6 | 18 | 25.8 | +0.6 | 23.4 | 26 | 140.4 | 423.4 | +156.2 | 128.8 | 23 | 14 | + 0.5 | 5.5 | 2.9 | +0.2 | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 31.6 | -0.5 | 33.7 | 17 | 25.5 | -0.3 | 22.3 | 25 | 108.6 | 342.7 | + 47.5 | 54.8 | 10 | 17 | + 4.7 | 5.0 | 3.5 | .. | 2 | 21 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Dhubri (Rupsi) | 30.8 | -1.0 | 34.3 | 20 | 24.8 | -0.6 | 22.5 | 25 | 258.6 | 705.5 | +240.9 | 158.2 | 24 | 19 | + 4.7 | 7.5 | 6.3 | +2.2 | 1 | 21 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Dhubri | 30.5 | -0.2 | 34.1 | 17 | 24.5 | -1.5 | 22.5 | 25 | 278.0 | 623.3 | +284.5 | 152.2 | 24 | 18 | + 3.4 | 6.3 | 7.1 | +1.7 | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 33.5 | +0.6 | 36.0 | 05 | 24.4 | -0.3 | 22.5 | 26 | 9.1 | 148.3 | - 46.5 | 60.6 | 19 | 9 | - 2.1 | 5.3 | 3.3 | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 28.7 | -0.6 | 31.1 | 17 | 23.8 | +0.5 | 20.9 | 25 | 358.1 | 903.1 | +353.7 | 204.7 | 24 | 23 | + 2.3 | 5.3 | 4.5 | -1.1 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 26.2 | -1.9 | 29.2 | 07 | 20.9 | -0.6 | 18.9 | 25 | 33.7 | 204.3 | - 37.7 | 42.8 | 31 | 23 | + 4.3 | 5.1 | .. | .. | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 31.0 | -1.1 | 33.7 | 07 | 24.1 | -0.1 | 22.7 | 26 | 128.0 | 590.5 | + 26.5 | 61.2 | 31 | 25 | + 3.3 | 5.5 | 5.5 | +0.6 | 0 | 29 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Silchar | 31.5 | +0.3 | 34.7 | 07 | 23.8 | -0.7 | 21.7 | 25 | 139.6 | 623.6 | +100.6 | 130.8 | 05 | 24 | + 1.8 | 1.1 | 0.3 | -1.5 | 3 | 27 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 29.0 | +0.2 | 31.1 | 18 | 21.9 | +0.2 | 20.6 | 23 | 16.3 | 215.2 | + 26.6 | 51.7 | 03 | 16 | + 3.6 | 7.4 | 5.2 | -0.2 | 3 | 20 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Kailashahar | 31.7 | -0.6 | 35.0 | 06 | 24.8 | 0.0 | 22.9 | 26 | 147.0 | 346.4 | - 1.7 | 83.4 | 17 | 14 | - 4.8 | 7.8 | 5.6 | +1.6 | 2 | 23 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Agartala | 31.2 | -0.3 | 33.5 | 06 | 24.1 | -0.8 | 20.8 | 26 | 172.9 | 387.0 | + 35.7 | 123.8 | 17 | 19 | + 1.7 | 10.0 | 7.9 | -0.2 | 2 | 22 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 30.7 | -1.0 | 35.6 | 18 | 24.0 | -0.7 | 22.3 | 26 | 221.3 | 1194.2 | +509.5 | 221.3 | 24 | 28 | + 6.3 | 10.8 | 10.0 | +4.2 | 0 | 30 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 29.9 | -0.9 | 34.0 | 20 | 23.9 | -1.0 | 22.0 | 30 | 156.7[a] | 1025.3[b] | +366.4 | .. | .. | .. | .. | 7.1[a] | 6.5[b] | +0.8 | . | .. | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Cooch Behar | 30.4 | -1.5 | 34.2 | 20 | 24.3 | -1.6 | 20.8 | 25 | 207.8 | 848.2 | +268.1 | 206.2 | 24 | 24 | + 6.5 | 5.6 | 4.1 | +0.6 | 1 | 27 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Balurghat | 32.4 | .. | 34.0 | 29 | 25.4 | .. | 23.3 | 24 | 105.9 | 212.4 | .. | 36.8 | 24 | 14 | .. | 6.8 | 5.2 | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malda | 32.6 | +1.0 | 34.4 | 29 | 26.3 | +0.1 | 24.3 | 18 | 77.7 | 317.3 | + 34.1 | 145.0 | 18 | 12 | - 2.8 | 3.2 | 2.6 | -4.8 | 0 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 33.0 | +0.7 | 38.1 | 15 | 25.6 | -0.5 | 23.1 | 18 | 121.4 | 229.6 | - 68.6 | 40.6 | 24 | 14 | - 2.5 | 5.0 | 3.6 | -0.9 | 0 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Suri | 32.5 | +0.4 | 34.4 | 29 | 26.1 | +0.5 | 23.0 | 18 | .. | 283.7 | + 11.7 | 73.4 | 12 | 14 | - 2.0 | . | 4.5 | -3.1 | 0 | 19 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 33.2 | +1.6 | 35.7 | 29 | 25.6 | +0.1 | 23.8 | 31 | 106.3 | 251.6 | - 95.1 | 42.2 | 07 | 17 | - 0.3 | 7.7 | 5.8 | -1.5 | 0 | 21 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 32.4 | .. | 34.2 | 28 | 26.0 | .. | 24.3 | 18 | 98.0 | 266.3 | .. | 56.9 | 06 | 13 | .. | 6.9 | 7.4 | .. | 1 | 20 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 33.1 | +0.7 | 35.3 | 04 | 24.2 | -1.5 | 23.0 | 13 | 151.3 | 346.8 | + 75.8 | 69.0 | 13 | 17 | + 1.2 | 5.9 | 4.6 | -0.7 | 0 | 22 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 32.4 | +1.0 | 34.4 | 31 | 24.3 | -0.6 | 19.8 | 18 | 138.2 | 239.0 | - 67.2 | 41.4 | 12 | 12 | - 4.5 | 6.1 | 4.5 | -0.8 | 3 | 16 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Bankura | 33.5 | .. | 36.6 | 29 | 25.3 | .. | 22.2 | 16 | 87.6 | 222.6 | - 95.9 | 97.2 | 11 | 9 | - 7.2 | 7.3 | 3.9 | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 33.1 | +1.2 | 35.6 | 18 | 28.2 | +2.4 | 26.2 | 02 | 66.8 | 264.7 | - 52.3 | 72.0 | 12 | 10 | - 6.5 | 11.1 | 8.4 | +2.1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 32.4 | .. | 34.2 | 28 | 26.2 | .. | 24.2 | 25 | 69.0 | 150.3 | .. | 32.4 | 24 | 12 | .. | .. | .. | .. | 1 | 16 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 32.1 | +0.3 | 34.8 | 28 | 26.4 | +0.4 | 24.8 | 19 | 165.2 | 283.9 | + 5.1 | 57.7 | 19 | 15 | - 3.3 | 12.3 | 8.9 | -1.1 | 0 | 19 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Calcutta | 32.6 | +0.6 | 35.0 | 28 | 25.1 | -1.2 | 22.6 | 30 | 133.6 | 275.3 | - 58.7 | 72.8 | 13 | 11 | - 6.6 | 8.3 | 6.4 | +1.1 | 0 | 18 | 0 | 0 | 16 | 0 | 0 | 0 | 1 | 0 |
| Midnapore | 32.1 | +0.2 | 34.2 | 29 | 23.6 | -2.2 | 21.5 | 27 | 214.8 | 297.2 | - 44.4 | 58.6 | 04 | 12 | - 4.8 | 6.9[a] | 5.0[f] | +0.2 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contai | 31.8 | +0.6 | 35.4 | 28 | 24.4 | -1.8 | 22.8 | 09 | 111.6 | 209.5 | -157.4 | 36.0 | 31 | 16 | - 0.2 | 12.0 | 8.8 | -1.3 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar Island | 30.5 | +0.3 | 32.5 | 27 | 26.8 | +0.1 | 24.7 | 19 | 20.2 | 195.6 | -183.9 | 56.8 | 06 | 13 | - 2.8 | 20.0 | 21.7 | 0.0 | 1 | 18 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 30.9 | .. | 33.7 | 18 | 26.0 | .. | 22.3 | 06 | 19.0 | 85.0 | -154.0 | 42.4 | 06 | 6 | - 6.0 | .. | .. | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 33.0 | +0.7 | 35.4 | 29 | 25.0 | -0.4 | 23.8 | 29 | 231.6 | 271.7 | -100.2 | 94.6 | 20 | 11 | - 6.7 | 3.0 | 1.7 | -0.5 | 0 | 20 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Jharsuguda | 31.5 | +0.6 | 34.9 | 31 | 24.6 | -0.1 | 22.6 | 03 | 33.6 | 320.1 | -115.7 | 96.0 | 03 | 18 | + 1.0 | 10.0 | 7.7 | -1.1 | 2 | 22 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Keonjhargarh | 30.5 | +0.9 | 32.7 | 30 | 25.6 | +2.1 | 23.3 | 08 | 115.3 | 159.6 | -115.4 | 28.3 | 19 | 11 | - 5.0 | 7.7 | 6.2 | -0.7 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 32.3 | +1.1 | 34.9 | 27 | 24.5 | -1.6 | 22.9 | 09 | 61.5 | 131.7 | -177.7 | 43.7 | 14 | 10 | - 4.7 | 11.6 | 9.5 | +0.7 | 0 | 14 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 31.3 | +0.6 | 34.1 | 31 | 24.6 | -0.3 | 20.7 | 02 | 126.9 | 235.0 | -259.5 | 61.5 | 02 | 15 | - 4.0 | 6.4 | 5.5 | -1.9 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 32.4 | +1.3 | 34.9 | 30 | 25.1 | 0.0 | 20.1 | 09 | 180.8 | 243.9 | - 50.0 | 86.0 | 19 | 12 | - 2.9 | 8.4 | 5.6 | -2.0 | 0 | 15 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 32.3 | +1.0 | 34.7 | 29 | 25.7 | -0.2 | 23.5 | 30 | 57.0 | 101.8 | -239.3 | 37.2 | 30 | 7 | - 7.5 | 8.8 | 7.3 | -2.9 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 31.8 | +0.6 | 34.7 | 28 | 25.8 | +1.1 | 23.2 | 25 | 138.2 | 233.0 | - 91.6 | 45.0 | 05 | 17 | + 2.0 | 6.6 | 7.1 | -1.2 | 0 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 29.8 | .. | 32.5 | 30 | 22.9 | .. | 21.2 | 27 | 40.1 | 77.1 | .. | 15.0 | 22 | 10 | .. | 7.5 | 4.0 | .. | 1 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 33.0 | +1.4 | 36.4 | 28 | 27.1 | +1.5 | 25.2 | 02 | 112.4 | 209.1 | -144.5 | 51.3 | 12 | 10 | - 6.0 | 7.0 | 4.8 | -1.3 | 0 | 17 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 31.9 | +1.5 | 34.3 | 30 | 24.5 | +0.1 | 23.3 | 25 | 109.3 | 218.7 | -194.2 | 61.2 | 06 | 10 | - 6.9 | 3.1 | 2.5 | -1.0 | 0 | 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 32.1 | +0.8 | 34.9 | 29 | 25.4 | 0.0 | 23.4 | 14 | 86.3 | 223.0 | -113.0 | 79.6 | 14 | 10 | - 7.3 | 13.5 | 10.3 | -3.6 | 0 | 15 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Puri | 31.8 | +0.8 | 35.7 | 29 | 25.7 | -1.1 | 21.8 | 13 | 39.6 | 219.6 | - 48.9 | 58.0 | 20 | 8 | - 4.4 | .. | .. | .. | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 31.6 | +0.5 | 35.6 | 29 | 25.6 | -0.5 | 24.4 | 31 | 37.6 | 77.5 | -112.8 | 19.4 | 05 | 9 | - 1.2 | 15.6 | 12.9 | -1.6 | 1 | 17 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Koraput | 26.4 | +1.2 | 28.8 | 22 | 20.2 | 0.0 | 19.0 | 29 | 108.2 | 220.4 | -267.8 | 39.8 | 06 | 13 | - 8.6 | .. | .. | .. | 2 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 32.8 | +1.2 | 36.0 | 30 | 25.0 | -0.1 | 22.4 | 18 | 71.7 | 316.8 | - 22.3 | 66.0 | 24 | 15 | - 2.7 | 7.6 | 4.4 | -0.6 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 33.0 | +1.5 | 35.8 | 31 | 25.1 | 0.0 | 23.6 | 28 | 57.2 | 147.3 | -215.4 | 27.8 | 24 | 14 | - 2.5 | 2.7 | 2.2 | -3.3 | 0 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 29.3 | +0.1 | 30.9 | 31 | 22.6 | -0.4 | 21.6 | 27 | 194.2 | 325.4 | - 23.6 | 105.4 | 11 | 13 | - 4.3 | 8.1 | 6.3 | -2.6 | 0 | 22 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Dhanbad | 31.8 | +1.0 | 35.0 | 29 | 25.0 | +0.2 | 22.4 | 18 | 170.4 | 364.2 | + 7.2 | 76.8 | 02 | 16 | - 0.7 | 5.7 | 4.3 | -4.3 | 0 | 18 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 29.9 | +1.0 | 32.5 | 31 | 21.9 | -0.5 | 20.8 | 31 | 141.5 | 223.5 | -149.6 | 42.0 | 19 | 10 | - 8.6 | 7.3 | 5.8 | -0.1 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 28.9 | +0.1 | 31.4 | 30 | 22.8 | -0.1 | 21.5 | 27 | 246.0 | 321.2 | + 22.1 | 65.6 | 19 | 14 | - 1.6 | 9.9 | 7.9 | -2.4 | 1 | 16 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur | 32.8 | +1.0 | 35.6 | 21 | 24.6 | -1.1 | 22.9 | 06 | 122.2 | 471.7 | + 97.4 | 133.6 | 07 | 17 | + 0.1 | 8.0 | 5.8 | -1.3 | 0 | 20 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 32.3 | +0.5 | 34.5 | 11 | 25.5 | +0.1 | 22.9 | 31 | 104.6 | 451.3 | +169.5 | 141.5 | 07 | 19 | + 3.3 | 7.0 | 4.3 | -1.8 | 0 | 21 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 |
| Chaibasa | 32.1 | +0.7 | 34.0 | 31 | 24.5 | -0.5 | 23.5 | 07 | 71.2 | 152.0 | -159.4 | 33.6 | 01 | 11 | - 5.6 | 4.3 | 3.0 | -0.4 | 1 | 17 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 32.3 | +0.1 | 34.9 | 18 | 24.7 | -1.3 | 22.7 | 05 | 123.6 | 398.7 | +128.4 | 122.6 | 23 | 10 | - 2.9 | 7.3 | 5.2 | +0.6 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 30.8 | -1.7 | 35.0 | 18 | 25.0 | -0.3 | 23.3 | 24 | 140.4 | 502.2 | +197.6 | 68.8 | 11 | 21 | + 5.4 | 6.5 | 4.7 | -2.2 | 1 | 26 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 31.2 | -0.9 | 34.5 | 18 | 25.5 | -0.7 | 23.6 | 18 | 60.4 | 178.8 | -153.9 | 41.2 | 24 | 10 | - 3.5 | 6.9 | 5.9 | -0.1 | 0 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | 32.7 | .. | 35.3 | 06 | 26.2 | .. | 24.4 | 12 | 115.5 | 286.4 | - 36.2 | 57.8 | 12 | 12 | - 1.8 | 7.2[m] | 5.5[m] | .. | 0 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 33.0 | .. | 35.6 | 20 | 26.2 | .. | 24.2 | 09 | 77.8 | 213.4 | - 75.6 | 37.6 | 09 | 14 | 0.0 | 6.1 | 4.6 | .. | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 31.7 | -0.2 | 34.9 | 18 | 24.4 | -1.5 | 22.4 | 24 | 142.8 | 242.4 | - 87.3 | 68.0 | 23 | 15 | - 1.2 | 4.5 | 3.0 | -1.7 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Patna | 33.1 | +1.0 | 35.9 | 30 | 25.9 | -0.7 | 24.1 | 19 | 92.8 | 158.8 | -181.6 | 69.2 | 10 | 11 | - 3.1 | 7.5 | 7.9 | +0.4 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 32.6 | +0.4 | 35.3 | 04 | 26.1 | -0.3 | 24.3 | 18 | 121.4 | 224.4 | - 53.9 | 67.9 | 10 | 13 | + 0.2 | 9.3 | 7.2 | +0.7 | 0 | 17 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 65.1 | -273.1 | 16.3 | 11 | 7 | - 8.1 | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| Bhagalpur | 32.6 | +0.3 | 35.3 | 18 | 26.5 | +0.2 | 24.6 | 23 | 88.2 | 265.9 | + 15.0 | 52.8 | 09 | 13 | - 0.7 | 7.6 | 5.3 | -0.7 | 1 | 17 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Sabaur | 32.3 | +0.4 | 34.8 | 21 | 25.7 | -0.6 | 23.2 | 18 | 71.4 | 227.2 | - 39.0 | 70.4 | 18 | 12 | - 2.8 | 8.9 | 6.9 | -1.4 | 0 | 19 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Jamui | 33.4 | +1.1 | 35.4 | 22 | 25.4 | -0.6 | 23.4 | 23 | 81.1 | 118.6 | -112.7 | 29.0 | 12 | 11 | - 2.7 | 6.2 | 3.7 | -1.5 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 32.5 | +0.2 | 35.4 | 31 | 26.2 | +0.1 | 23.9 | 12 | 82.7 | 150.8 | -210.1 | 37.2 | 12 | 10 | - 4.8 | 5.3 | 4.2 | -0.8 | 0 | 18 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 32.7 | +0.3 | 35.1 | 21 | 25.8 | -0.1 | 24.4 | 12 | 133.0 | 220.2 | -133.6 | 36.8 | 06 | 14 | - 1.3 | 10.5 | 8.6 | -1.5 | 0 | 19 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Bahraich | 32.5 | +0.3 | 35.5 | 30 | 25.9 | -0.2 | 24.5 | 25 | 88.8 | 183.9 | -129.3 | 45.6 | 12 | 13 | + 0.2 | 10.0 | 7.5 | +1.2 | 0 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 32.4 | +0.3 | 35.0 | 21 | 23.6 | -2.3 | 22.2 | 26 | 67.4 | 308.6 | -101.9 | 48.8 | 22 | 15 | - 1.6 | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 32.4 | -0.1 | 35.6 | 31 | 26.0 | -0.1 | 24.7 | 18 | 36.3 | 163.1 | -161.0 | 46.3 | 07 | 10 | - 3.2 | 9.6 | 7.1 | +1.6 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 32.4 | +0.2 | 36.0 | 31 | 25.2 | -0.7 | 23.1 | 23 | 58.2 | 279.4 | - 73.3 | 63.6 | 10 | 11 | - 3.5 | 5.5 | 5.5 | +0.3 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 31.9 | -0.6 | 35.7 | 31 | 24.6 | -1.4 | 20.9 | 13 | 188.6 | 350.6 | + 64.1 | 81.4 | 06 | 13 | - 0.7 | .. | .. | .. | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 32.4 | +0.2 | 35.7 | 31 | 25.9 | +0.1 | 24.1 | 27 | 109.0 | 286.1 | - 45.2 | 42.8 | 23 | 16 | + 1.2 | 12.5 | 9.9 | +1.5 | 1 | 19 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Faizabad | 32.5 | -0.1 | 35.8 | 31 | 25.8 | +0.4 | 23.4 | 10 | 139.6 | 291.5 | - 60.1 | 69.0 | 10 | 15 | - 0.4 | 4.4 | 3.2 | -0.5 | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 33.0 | +0.7 | 35.5 | 29 | 26.2 | 0.0 | 24.3 | 12 | 111.2 | 227.4 | -118.5 | 48.2 | 12 | 14 | - 1.1 | 6.6 | 4.8 | +0.2 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 31.1 | -1.0 | 35.7 | 31 | 25.4 | -0.4 | 23.5 | 25 | 197.2 | 507.7 | +233.6 | 140.0 | 06 | 14 | + 0.9 | 14.2 | 10.2 | +0.3 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 32.3 | .. | 35.9 | 30 | 25.7 | .. | 24.0 | 25 | 193.6 | 477.1 | .. | 112.3 | 10 | 15 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Sultanpur | 32.6 | +0.4 | 35.5 | 30 | 25.3 | -0.5 | 23.3 | 11 | 127.8 | 268.4 | - 81.6 | 49.2 | 12 | 13 | - 2.4 | 6.6 | 4.9 | -0.4 | 0 | 13 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 32.4 | -0.1 | 34.4 | 30 | 22.3 | -3.8 | 20.7 | 23 | 214.3 | 330.6 | + 48.8 | 54.1 | 12 | 17 | + 2.7 | 4.0 | 4.4 | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 32.2 | +0.1 | 36.0 | 31 | 25.5 | -0.4 | 24.0 | 27 | 53.8 | 315.0 | + 33.3 | 89.6 | 10 | 15 | + 1.5 | 8.3 | 5.8 | +1.0 | 0 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 32.8 | 0.0 | 35.5 | 31 | 21.4 | -4.1 | 19.2 | 24 | 71.0 | 199.2 | - 50.7 | 56.8 | 11 | 14 | + 2.0 | 4.8 | 5.0 | +0.7 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 32.6 | +0.5 | 37.0 | 31 | 26.6 | +1.0 | 24.2 | 27 | 116.4 | 277.9 | - 68.8 | 82.2 | 14 | 17 | + 2.4 | 3.1 | 2.2 | -0.2 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 33.4 | +1.3 | 37.4 | 31 | 25.6 | -0.4 | 23.5 | 23 | 71.4 | 119.0 | -142.1 | 29.0 | 05 | 13 | - 1.2 | 7.5 | 4.7 | -2.7 | 1 | 19 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 32.5 | +0.2 | 35.7 | 31 | 25.4 | -0.7 | 23.1 | 23 | 118.3 | 308.6 | + 68.3 | 55.6 | 19 | 15 | + 2.8 | 13.2 | 10.7 | +1.5 | 0 | 21 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 32.6 | +0.4 | 36.1 | 31 | 25.1 | -0.9 | 22.1 | 11 | 93.8 | 345.7 | + 19.8 | 45.6 | 16 | 18 | + 2.7 | 6.5 | 4.2 | -3.8 | 0 | 20 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 22.9 | -0.4 | 25.2 | 29 | 17.1 | -0.2 | 16.0 | 26 | 309.0 | 522.0 | +168.8 | 51.1 | 18 | 24 | + 5.8 | .. | .. | .. | 0 | 28 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Tehri | 31.7 | -1.0 | 35.2 | 31 | 23.5 | 0.0 | 22.1 | 08 | 156.6 | 312.6 | +148.0 | 36.7 | 11 | 17 | + 7.5 | 3.5 | 1.9 | .. | 1 | 22 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dehra Dun | 28.5 | -1.0 | 31.8 | 23 | 22.7 | 0.0 | 19.6 | 26 | 355.2 | 769.3 | + 56.3 | 149.8 | 07 | 22 | + 0.8 | 3.6 | 2.5 | 0.0 | 0 | 26 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 21.1 | .. | 23.9 | 28 | 15.3 | .. | 14.1 | 31 | .. | 695.4 | .. | 86.4 | 06 | 27 | .. | .. | .. | .. | 0 | 29 | .. | .. | .. | .. | .. | .. | .. | . |
| Roorkee | 31.8 | -0.5 | 35.8 | 31 | 23.8 | -1.2 | 22.2 | 13 | 238.2 | 360.4 | + 73.1 | 72.7 | 11 | 15 | + 3.2 | 8.2 | 5.2 | +0.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 32.9 | +0.8 | 35.5 | 19 | 25.2 | +0.4 | 23.8 | 25 | 259.6 | 616.5 | +302.4 | 175.8 | 14 | 10 | - 3.6 | 10.2 | 7.6 | +2.1 | 0 | 12 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 32.5 | -0.2 | 36.4 | 31 | 24.1 | -1.6 | 22.5 | 11 | .. | 394.0 | +181.4 | 95.0 | 10 | 11 | + 1.1 | . | 7.1 | +1.2 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 32.9 | +0.3 | 36.7 | 31 | 25.8 | +0.2 | 23.8 | 18 | 199.4 | 306.1 | + 16.3 | 81.0 | 18 | 15 | + 2.8 | 10.5 | 6.7 | +2.0 | 1 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Aligarh | 32.9 | -0.2 | 36.5 | 31 | 25.5 | -0.2 | 23.7 | 27 | 131.8 | 274.6 | + 64.0 | 98.2 | 02 | 14 | + 3.7 | 11.3 | 7.7 | +1.0 | 0 | 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 32.3 | -0.8 | 36.9 | 31 | 24.9 | -1.0 | 22.8 | 14 | 164.9 | 403.7 | +172.0 | 88.6 | 15 | 17 | + 6.0 | .. | .. | .. | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Agra | 32.8 | 0.0 | 36.5 | 31 | 25.4 | -0.4 | 23.4 | 15 | 93.7 | 379.7 | +161.5 | 90.1 | 02 | 13 | + 2.0 | 6.5 | 5.0 | +0.1 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 33.1 | .. | 37.5 | 31 | 25.7 | .. | 23.1 | 28 | 101.3 | 378.7 | .. | 88.9 | 06 | 15 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Orai | 32.5 | +0.5 | 37.0 | 31 | 25.2 | +0.7 | 22.9 | 25 | 133.9 | 307.8 | - 47.6 | 58.8 | 23 | 16 | + 1.0 | .. | .. | .. | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 31.4 | -0.3 | 36.0 | 31 | 24.6 | -0.3 | 23.0 | 27 | 181.9 | 357.9 | + 72.7 | 109.4 | 20 | 18 | + 5.1 | 5.0 | 5.6 | -0.3 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 32.6 | +0.1 | 35.2 | 23 | 24.4 | +0.4 | 20.0 | 06 | 140.0 | 189.5 | -246.3 | 53.0 | 10 | 11 | - 3.6 | .. | .. | .. | 0 | 17 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 34.4 | +0.2 | 37.3 | 30 | 25.7 | +0.4 | 23.0 | 27 | 126.3 | 140.1 | - 13.0 | 89.2 | 20 | 6 | - 1.7 | 9.6 | 7.4 | -1.7 | 0 | 9 | 0 | 0 | 8 | 0 | 0 | 0 | 1 | 0 |
| Adampur (Aerodrome) | 33.3 | .. | 37.7 | 30 | 24.9 | .. | 22.5 | 02 | 217.7 | 389.7 | .. | 95.3 | 01 | 11 | .. | .. | .. | .. | 0 | 13 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Ludhiana | 34.2 | -0.5 | 38.6 | 23 | 25.6 | -0.5 | 23.4 | 17 | 161.8 | 374.9 | +212.3 | 93.3 | 10 | 9 | + 1.7 | 5.9 | 3.7 | +0.3 | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ferozepur | 34.6 | -0.7 | 36.8 | 15 | .. | .. | .. | .. | 36.0 | 40.0 | - 90.8 | 17.0 | 10 | 3 | - 2.6 | 3.0 | 2.5 | +0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 33.6 | .. | 37.1 | 23 | 24.4 | .. | 20.8 | 16 | 85.8 | 339.8 | .. | 154.5 | 16 | 10 | .. | .. | .. | .. | 0 | 13 | 0 | 0 | 11 | 0 | 0 | 0 | 1 | 0 |
| Chandigarh | 32.1 | -0.7 | 35.4 | 31 | 23.2 | -0.3 | 20.2 | 15 | 160.2 | 377.4 | +114.1 | 98.6 | 16 | 15 | + 3.4 | .. | .. | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 33.0 | -0.8 | 36.6 | 31 | 25.0 | -0.4 | 23.2 | 13 | 244.6 | 449.0 | +235.9 | 91.6 | 12 | 14 | + 4.5 | 7.5 | 5.2 | -0.2 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 32.2 | .. | 36.0 | 31 | 24.8 | .. | 23.3 | 04ds | 178.3 | 337.9 | .. | 82.3 | 12 | 12 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Patiala | 33.0 | -0.5 | 37.2 | 30 | 25.4 | -0.1 | 24.0 | 16 | 84.4 | 160.6 | - 15.7 | 36.0 | 06 | 7 | - 1.1 | 11.2 | 7.4 | +1.3 | 1 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 34.5 | -1.6 | 38.6 | 23 | 24.7 | -1.6 | 22.3 | 27 | 89.9 | 118.5 | - 27.8 | 40.9 | 11 | 9 | + 4.4 | 8.5 | 6.0 | -0.5 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | 31.6 | -1.3 | 35.4 | 31 | 25.1 | +0.1 | 23.5 | 16 | 193.6 | 431.7 | +216.3 | 100.1 | 11 | 12 | + 2.5 | .. | .. | .. | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 34.3 | -1.2 | 37.5 | 23 | 24.9 | -1.2 | 21.2 | 16 | 11.0 | 263.4 | +142.2 | 144.0 | 16 | 8 | + 2.2 | 10.1 | 8.1 | +0.2 | 1 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 32.8 | -0.9 | 36.1 | 23 | 25.7 | -0.4 | 24.0 | 16 | 122.8 | 211.9 | + 42.0 | 49.3 | 03 | 9 | + 0.2 | 16.0 | 11.1 | +2.0 | 0 | 17 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Palam (Aerodrome) | 32.7 | .. | 36.7 | 31 | 24.5 | .. | 21.8 | 30 | 189.8 | 278.1 | .. | 123.9 | 03 | 11 | .. | .. | .. | .. | 1 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 35.6 | +5.0 | 35.9 | 30 | 22.5 | +1.1 | 19.9 | 25 | 157.4 | 303.7 | -195.6 | 45.2 | 12 | 19 | - 0.6 | 1.0 | 1.0 | -1.2 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 31.3 | -0.3 | 35.5 | 29 | 21.8 | -1.7 | 20.3 | 15 | 154.3 | 403.9 | +104.1 | 93.0 | 10 | 17 | + 3.0 | .. | .. | .. | 0 | 17 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Sonamarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | 26.0 | - 67.5 | 8.4 | 09 | 5 | - 4.1 | .. | .. | .. | 0 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| Leh | 25.4 | +1.2 | 28.1 | 07 | 9.2 | -0.4 | 6.3 | 28 | 0.0 | 28.2 | + 11.7 | 16.8 | 07 | 3 | + 1.1 | 5.7 | 5.7 | +0.9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 29.8 | -0.1 | 32.3 | 15 | 17.6 | -0.3 | 13.9 | 26 | 7.1 | 54.8 | - 7.9 | 34.8 | 01 | 4 | - 1.3 | 4.8 | 4.0 | +0.3 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 28.7 | .. | 31.6 | 16 | 17.2 | .. | 13.3 | 26 | 10.9 | 18.9 | .. | 6.5 | 08 | 3 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | 19.8 | -0.5 | 23.1 | 22 | 9.7 | -0.5 | 7.2 | 22 | 51.3 | 76.6 | - 37.9 | 15.5 | 17 | 10 | + 0.2 | 6.3 | 3.6 | -1.0 | 2 | 14 | 0 | 0 | 9 | 2 | 0 | 0 | 0 | 0 |
| Qazigund | 27.1 | .. | 29.8 | 22 | 16.3 | .. | 12.9 | 23 | 19.5 | 57.9 | .. | 17.3 | 31 | 7 | .. | 4.1 | 4.5 | .. | 4 | 11 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 27.7 | .. | 29.9 | 06 | 17.5 | .. | 12.1 | 26 | 13.2 | 78.0 | .. | 22.6 | 11 | 7 | .. | .. | .. | .. | 1 | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 33.4 | +0.2 | 35.9 | 30 | 24.2 | -0.9 | 20.5 | 21 | 23.6 | 372.2 | + 72.7 | 81.4 | 08 | 12 | + 0.4 | 4.5 | 3.7 | .. | 0 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 33.5 | .. | 36.3 | 30 | 24.6 | .. | 21.7 | 25 | 67.9 | 418.4 | .. | 109.0 | 08 | 10 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 16 | 0 | 0 | 0 | 1 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 37.3 | 0.0 | 41.5 | 23 | 26.2 | -0.7 | 24.8 | 27 | 8.4 | 13.4 | - 56.1 | 6.4 | 11 | 2 | - 2.6 | 5.0 | 5.0 | -3.0 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | 41.8 | .. | 45.8 | 05 | 28.2 | .. | 24.6 | 06 | 1.2 | 1.2 | .. | 1.2 | 10 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahajan | 37.4 | .. | 41.5 | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15.8 | 10.0 | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 34.7 | -0.5 | 38.7 | 23 | 25.2 | -0.9 | 23.4 | 28 | 99.5 | 204.8 | +108.9 | 36.0 | 02 | 9 | + 3.7 | 14.5 | 10.9 | +0.4 | 1 | 12 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 36.0 | -0.1 | 40.2 | 22 | 26.3 | -0.3 | 24.1 | 10 | 25.6 | 103.9 | + 8.1 | 69.4 | 09 | 3 | - 1.8 | 14.8 | 12.7 | +1.7 | 0 | 9 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Nagaur | 34.4 | 0.0 | 39.3 | 22 | 25.0 | -1.3 | 22.9 | 28 | 24.2 | 61.4 | + 11.5 | 41.2 | 04 | 4 | - 0.2 | 16.1 | 12.6 | +0.7 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Phalodi | 35.0 | +0.5 | 39.3 | 22 | 24.4 | -1.4 | 22.4 | 02 | 20.8 | 195.2 | +111.9 | 112.0 | 04 | 6 | + 1.1 | 23.6 | 19.5 | +0.1 | 0 | 6 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Jaisalmer | 37.1 | +1.2 | 40.0 | 23 | .. | .. | .. | .. | 0.0 | 18.8 | - 57.7 | 18.8 | 03 | 1 | - 2.9 | 23.0 | 22.2 | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 33.3 | +0.1 | 36.6 | 23 | 24.7 | -0.5 | 22.4 | 14 | 33.6 | 205.3 | + 74.0 | 56.1 | 09 | 5 | - 1.1 | 15.8 | 12.6 | -0.3 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Barmer | 36.4 | +2.6 | 39.5 | 22 | 25.4 | +0.3 | 22.2 | 03 | 12.8 | 45.2 | -103.6 | 22.2 | 03 | 3 | - 2.8 | 12.5 | 11.1 | +0.5 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 31.7 | +0.4 | 35.6 | 31 | 24.2 | -0.6 | 22.2 | 09 | 38.6 | 183.0 | + 18.9 | 67.0 | 04 | 7 | - 1.1 | 7.0 | 7.0 | -1.5 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 34.3 | -0.6 | 37.5 | 23 | 24.5 | -1.5 | 22.0 | 30 | 38.6 | 87.3 | - 53.6 | 18.2 | 09 | 11 | + 3.2 | 15.3 | 12.1 | +0.1 | 0 | 11 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 33.1 | 0.0 | 36.9 | 23 | 24.6 | -0.1 | 22.6 | 27 | 53.6 | 87.3 | - 44.6 | 38.3 | 08 | 5 | - 2.9 | 18.7 | 10.0 | +2.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 33.3 | +0.2 | 36.5 | 31 | 26.8 | +0.6 | 24.7 | 12 | 150.9 | 217.1 | - 52.0 | 48.4 | 10 | 9 | - 3.3 | 3.3 | 2.4 | -1.3 | 2 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 31.9 | 0.0 | 35.2 | 23 | 23.7 | -0.6 | 21.0 | 26 | 140.6 | 281.5 | + 77.8 | 61.8 | 02 | 12 | + 2.0 | .. | .. | .. | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Dholpur | 33.0 | +0.4 | 37.0 | 31 | 24.8 | -0.9 | 22.5 | 27 | 129.0 | 270.9 | - 62.0 | 61.8 | 02 | 13 | - 0.7 | 7.1 | 5.1 | -0.6 | 0 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 30.7 | -0.2 | 34.7 | 31 | 23.9 | -0.4 | 21.8 | 08 | 33.6 | 146.2 | - 22.5 | 69.4 | 08 | 8 | - 1.1 | 16.2 | 14.0 | +4.5 | 0 | 13 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 32.5 | +0.3 | 37.2 | 07 | 24.9 | -0.3 | 23.2 | 02 | 163.8 | 228.4 | - 35.8 | 103.6 | 02 | 8 | - 5.4 | 12.9 | 9.4 | +0.5 | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 31.1 | .. | 35.0 | 31 | 22.4 | .. | 21.0 | 04ds | 48.7 | 126.3 | .. | 41.2 | 01 | 9 | .. | 8.8 | 7.8 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 31.6 | -0.1 | 36.0 | 31 | 23.6 | -1.8 | 22.0 | 02 | 59.8 | 177.0 | - 80.1 | 70.6 | 07 | 9 | - 1.9 | 11.6 | 10.0 | +3.1 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 31.5 | .. | 36.2 | 31 | 25.0 | .. | 22.9 | 26 | 50.6 | 173.0 | .. | 76.8 | 07 | 10 | .. | 15.8 | 13.4 | .. | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 30.8 | 0.0 | 34.8 | 31 | 24.0 | +0.1 | 22.5 | 27 | 81.7 | 151.3 | -117.8 | 37.6 | 01 | 11 | - 1.0 | 12.4 | 8.4 | +2.2 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 29.6 | +0.3 | 32.8 | 31 | 22.4 | -0.5 | 21.0 | 28 | 19.5 | 67.1 | -120.6 | 21.3 | 04 | 7 | - 1.9 | 6.3 | 3.9 | -0.8 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 31.1 | +0.5 | 35.0 | 16 | .. | .. | .. | .. | 80.4 | 141.8 | -204.4 | 40.0 | 20 | 8 | - 4.4 | 11.4 | 8.4 | +0.6 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 30.5 | .. | 33.4 | 18 | 23.9 | .. | 21.7 | 02 | 69.8 | 89.5 | .. | 18.0 | 10 | 8 | .. | 10.2 | 10.1 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 32.0 | +0.1 | 35.5 | 20 | 25.4 | +0.0 | 23.5 | 27 | 293.4 | 480.0 | +251.0 | 136.2 | 02 | 12 | - 0.7 | 11.1 | 7.4 | +0.8 | 1 | 17 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 31.7 | +0.4 | 34.7 | 30 | 24.5 | -0.2 | 22.3 | 02 | 77.4 | 202.5 | -147.5 | 34.0 | 22 | 12 | - 3.9 | 11.8 | 8.8 | +2.2 | 0 | 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 30.8 | .. | 34.3 | 09 | 21.7 | .. | 19.2 | 27 | 36.4 | 204.6 | .. | 54.2 | 01 | 13 | .. | 12.0 | 9.7 | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 31.6 | +0.3 | 35.4 | 31 | 24.0 | -0.8 | 21.4 | 27 | 158.3 | 263.1 | - 56.2 | 48.8 | 13 | 16 | + 2.3 | 7.6 | 6.0 | +0.1 | 0 | 19 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Guna | 29.6 | +0.1 | 33.8 | 31 | 23.0 | -0.1 | 20.7 | 27 | 113.5 | 328.2 | - 53.3 | 70.2 | 20 | 16 | + 1.0 | 15.5 | 11.8 | +1.4 | 0 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 29.3 | 0.0 | 32.9 | 31 | 23.0 | 0.0 | 21.7 | 26 | 242.8 | 295.8 | + 45.6 | 81.6 | 19 | 11 | + 0.8 | 17.1 | 14.0 | +1.2 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 29.5 | -0.7 | 33.1 | 31 | 23.6 | -0.1 | 21.6 | 28 | 151.3 | 230.3 | - 99.2 | 52.5 | 08 | 13 | - 0.7 | 14.1 | 11.6 | +0.8 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 28.4 | 0.0 | 32.1 | 31 | 22.2 | 0.0 | 21.5 | 09 | 42.3 | 191.5 | -181.4 | 35.2 | 20 | 15 | - 0.5 | 13.6 | 11.8 | +1.5 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 28.9 | +0.6 | 33.0 | 31 | 21.1 | -1.5 | 19.4 | 02 | 82.4 | 192.0 | - 26.8 | 40.8 | 02 | 11 | - 2.3 | 16.1 | 12.5 | +2.7 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 28.9 | +0.3 | 32.7 | 29 | 22.4 | -0.1 | 20.2 | 27 | 97.7 | 131.2 | -146.4 | 42.8 | 02 | 14 | 0.0 | 21.9 | 17.4 | +6.1 | 2 | 17 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 28.6 | .. | 32.2 | 30 | 22.3 | .. | 20.6 | 29 | 103.3 | 153.7 | .. | 36.0 | 02 | 11 | .. | 21.7 | 16.2 | .. | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 29.9 | .. | 34.0 | 31 | 22.3 | .. | 20.4 | 27 | 110.7 | 189.3 | .. | 50.0 | 02 | 11 | .. | 10.3 | 7.0 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 29.8 | +0.6 | 34.2 | 31 | 22.8 | -0.7 | 21.2 | 27 | 148.6 | 393.1 | - 3.4 | 154.0 | 15 | 18 | + 2.1 | 4.7[d] | 3.7[e] | -1.7 | 0 | 21 | 0 | 0 | 21 | 0 | 0 | 0 | 0 | 0 |
| Indore | 28.4 | +0.2 | 31.6 | 30 | 21.9 | -0.1 | 19.8 | 27 | 99.7 | 173.4 | - 58.5 | 35.2 | 18 | 14 | + 2.3 | 26.4 | 21.4 | -0.3 | 1 | 18 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 30.0 | +0.7 | 32.4 | 31 | .. | .. | .. | .. | 32.2 | 173.2 | -111.2 | 39.0 | 03 | 9 | - 3.6 | 16.8 | 13.2 | +1.5 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 28.5 | +0.8 | 32.0 | 30 | 22.1 | +0.2 | 19.1 | 27 | 68.6 | 99.8 | -163.9 | 26.2 | 02 | 10 | - 3.6 | 14.5 | 9.5 | +1.5 | 1 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 29.7 | +1.4 | 32.4 | 30 | 22.3 | +0.2 | 20.5 | 26 | 82.0 | 234.0 | -121.9 | 72.0 | 15 | 14 | - 2.3 | 9.7 | 6.7 | +0.1 | 0 | 21 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Betul | 27.6 | +0.7 | 31.2 | 30 | 21.4 | -0.3 | 19.1 | 27 | 48.9 | 170.9 | - 98.1 | 38.9 | 01 | 16 | + 1.3 | 8.2 | 5.8 | -2.1 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 30.4 | +0.5 | 35.2 | 31 | 23.3 | +0.1 | 20.0 | 06 | 57.7 | 214.8 | + 48.4 | 58.2 | 09 | 14 | + 3.8 | 15.2 | 12.9 | +0.7 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 31.3 | +0.8 | 34.5 | 31 | 24.1 | -0.4 | 22.0 | 20 | 113.4 | 225.0 | -109.3 | 58.0 | 08 | 13 | - 2.2 | 7.7 | 6.0 | -0.6 | 0 | 17 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 31.7 | .. | 35.9 | 31 | 23.4 | .. | 20.3 | 05 | 113.7 | 210.6 | .. | 56.0 | 09 | 14 | .. | 6.5 | 4.6 | .. | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 32.0 | +0.4 | 35.4 | 31 | 24.7 | +0.1 | 22.6 | 28 | 68.6 | 362.6 | + 10.7 | 90.6 | 08 | 17 | + 1.8 | 7.5 | 4.9 | -1.2 | 0 | 18 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 30.1 | +0.7 | 33.7 | 31 | 23.5 | 0.0 | 22.2 | 27 | 120.9 | 224.9 | -155.1 | 50.8 | 20 | 13 | - 3.6 | 7.9 | 6.3 | +0.3 | 0 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 30.2 | +0.7 | 33.7 | 31 | 23.8 | +0.2 | 22.2 | 27 | 85.9 | 224.1 | -192.5 | 57.8 | 15 | 10 | - 7.1 | 10.0 | 6.9 | -0.7 | 1 | 18 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 29.4 | +0.2 | 32.5 | 31 | 22.8 | -0.1 | 21.1 | 28 | 123.0 | 335.1 | -129.6 | 56.4 | 05 | 19 | - 0.4 | 9.1 | 7.3 | -1.2 | 0 | 21 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 28.1 | .. | 30.6 | 31 | 21.6 | .. | 19.3 | 28 | 141.0 | 347.0 | .. | 59.2 | 07 | 17 | .. | 8.1 | 5.8 | .. | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 28.6 | +0.3 | 31.5 | 31 | 22.6 | +0.1 | 21.1 | 28 | 205.1 | 304.3 | - 62.0 | 59.1 | 05 | 15 | - 3.4 | 8.1 | 5.8 | -1.0 | 0 | 21 | 0 | 0 | 16 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 30.0 | +0.8 | 35.5 | 29 | 22.9 | -0.2 | 21.3 | 27 | 207.4 | 396.8 | - 30.4 | 65.6 | 21 | 18 | - 0.6 | 6.1 | 3.3 | -0.4 | 0 | 22 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Champa | 31.3 | +0.5 | 34.3 | 31 | 24.7 | -0.2 | 23.6 | 17 | 177.8 | 438.2 | - 62.4 | 132.8 | 15 | 15 | - 4.3 | 8.6 | 6.5 | -0.9 | 1 | 19 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 31.6 | +0.6 | 35.2 | 31 | 24.7 | -0.2 | 23.2 | 14 | 53.8 | 335.9 | -171.8 | 68.7 | 14 | 16 | - 2.9 | 6.8 | 5.6 | -0.9 | 0 | 21 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 30.9 | +0.8 | 34.0 | 29 | 23.8 | -0.3 | 22.6 | 15 | 38.3 | 189.1 | -200.0 | 92.5 | 19 | 9 | - 6.6 | 10.9 | 9.6 | -0.8 | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 30.1 | +1.0 | 32.8 | 29 | 24.1 | +0.6 | 22.9 | 06 | 60.8 | 118.9 | -210.8 | 30.2 | 14 | 9 | - 5.7 | 11.4 | 8.7 | +0.5 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 29.2 | +0.8 | 31.9 | 29 | 22.6 | +0.4 | 21.2 | 26 | 174.6 | 345.2 | - 46.2 | 56.9 | 17 | 21 | + 2.4 | .. | .. | .. | 1 | 26 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 33.1 | +0.9 | 36.0 | 31 | 24.3 | -0.2 | 22.3 | 27 | 0.2 | 24.4 | -188.7 | 21.2 | 03 | 1 | - 8.2 | 12.2 | 9.3 | .. | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 33.4 | +1.3 | 36.9 | 20 | 24.3 | +0.3 | 22.7 | 12 | 0.0 | 0.0 | - 91.0 | 0.0 | .. | 0 | - 5.4 | 12.9 | 10.2 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 30.7 | +0.3 | 33.7 | 19 | 23.5 | -0.4 | 21.3 | 26 | 9.4 | 41.5 | -167.4 | 19.4 | 02 | 4 | - 9.4 | 9.7 | 6.1 | -0.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 33.2 | +1.4 | 36.0 | 28 | 25.3 | +0.7 | 24.4 | 29 | 2.7 | 48.6 | -156.9 | 21.2 | 28 | 6 | - 5.2 | 5.8 | 5.0 | -3.3 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| Dohad | 29.9 | +0.9 | 33.4 | 31 | 23.3 | +0.3 | 22.5 | 15 | 33.2 | 87.8 | -117.8 | 35.6 | 07 | 5 | - 7.2 | 21.8 | 20.7 | -1.7 | 0 | 15 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 32.9 | .. | 34.9 | 27 | 25.1 | .. | 23.2 | 28 | 20.6 | 30.6 | .. | 8.2 | 04 | 5 | .. | 9.8 | 7.6 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 32.3 | +1.2 | 34.2 | 29 | 25.1 | +0.2 | 23.5 | 26 | 45.4 | 85.0 | -177.0 | 36.8 | 03 | 4 | - 7.3 | 10.4 | 10.5 | -0.2 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 32.9 | +1.4 | 34.7 | 29 | 25.6 | +0.8 | 23.9 | 26 | 70.1 | 94.8 | -169.1 | 35.9 | 03 | 5 | - 6.7 | 9.5 | 8.6 | +1.7 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11.0 | 8.7 | -1.3 | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 31.5 | +1.2 | 34.0 | 18 | 24.2 | -1.2 | 22.5 | 25 | 10.6 | 36.6 | -164.6 | 7.2 | 30 | 5 | - 7.8 | 14.2 | 11.5 | +0.8 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 31.2 | +0.5 | 33.3 | 31 | 25.1 | -0.5 | 23.5 | 30 | 0.0 | 0.0 | - 57.7 | 0.0 | .. | 0 | - 4.2 | 25.7 | 20.2 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 33.4 | +1.7 | 35.0 | 31 | 25.7 | +0.4 | 24.1 | 29 | 0.0 | 0.0 | - 83.8 | 0.0 | .. | 0 | - 4.0 | 27.2 | 21.5 | +4.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 33.5 | .. | 35.5 | 18 | 25.0 | .. | 23.3 | 18 | 0.0 | 0.6 | .. | 0.3 | 28 | 0 | .. | 30.7 | 26.5 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 32.4 | +0.9 | 33.9 | 31 | 25.9 | 0.0 | 24.1 | 28 | 2.2 | 5.4 | - 58.1 | 4.6 | 28 | 1 | - 4.8 | 34.0 | 28.9 | +2.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 31.0 | +0.7 | 31.7 | 07 | 26.8 | +0.7 | 23.7 | 29 | 0.0 | 0.0 | - 74.4 | 0.0 | .. | 0 | - 4.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 34.0 | +1.5 | 36.2 | 29 | 25.2 | +0.4 | 23.6 | 26 | 3.6 | 14.6 | -158.8 | 5.0 | 02 | 3 | - 3.9 | 15.2[a] | 15.0 | -1.8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 30.3 | .. | 31.0 | 13 | 25.7 | .. | 23.6 | 29 | 0.6 | 8.4 | .. | 3.6 | 29 | 1 | .. | 24.9 | 23.0 | .. | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 32.4 | +0.9 | 33.4 | 06 | 25.0 | -0.4 | 22.8 | 30 | 1.1 | 2.3 | - 97.8 | 1.0 | 03 | 0 | - 5.4 | .. | .. | .. | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 30.3 | +1.0 | 31.3 | 16 | 26.2 | +0.2 | 25.0 | 29 | 0.0 | 0.4 | - 67.9 | 0.4 | 03 | 0 | - 4.0 | 22.1 | 22.3 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 33.4 | +1.8 | 35.5 | 29 | 24.0 | 0.0 | 22.4 | 30 | 4.2 | 12.8 | -197.7 | 5.4 | 14 | 2 | - 7.2 | 31.2 | 25.9 | +2.7 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 34.2 | +1.9 | 36.6 | 25 | 25.4 | +0.6 | 23.8 | 28 | 7.7 | 6.7 | -153.8 | 3.0 | 30 | 1 | - 9.1 | 25.6 | 21.8 | +9.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 30.8 | +1.5 | 32.2 | 18 | 26.3 | +0.7 | 25.2 | 18 | 1.2 | 3.9 | -145.4 | 2.3 | 11 | 0 | - 8.5 | 21.7 | 17.8 | .. | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 31.7 | +1.7 | 34.0 | 31 | 24.6 | 0.0 | 22.9 | 18 | 4.2 | 7.7 | -111.1 | 2.2 | 15 | 0 | -10.0 | 31.5 | 23.1 | +1.8 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 31.8 | .. | 37.0 | 19 | 23.9 | .. | 22.8 | 06ds | 18.0 | 21.6 | -151.0 | 11.3 | 15 | 3 | - 6.8 | 9.1[a] | 11.4[b] | .. | 3 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 29.9 | +1.1 | 30.9 | 30 | 25.6 | +0.1 | 24.1 | 18 | 1.6 | 13.9 | - 82.6 | 5.1 | 14 | 3 | - 3.3 | 22.6 | 22.0 | -2.1 | 4 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 29.9 | +0.8 | 30.7 | 23 | 25.1 | +0.3 | 22.5 | 28 | 35.0 | 89.1 | -407.9 | 10.7 | 05 | 9 | -10.3 | 25.9 | 22.6 | -1.7 | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 29.9 | +0.8 | 30.9 | 15 | 24.8 | +0.4 | 23.0 | 28 | 44.2 | 122.6 | -496.4 | 19.7 | 19 | 17 | - 5.6 | 19.1 | 15.7 | -0.4 | 2 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 30.0 | +0.5 | 31.5 | 14 | 25.1 | +0.3 | 23.5 | 28 | 32.4 | 130.9 | -198.0 | 20.9 | 15 | 12 | - 6.2 | 13.7 | 12.7 | -0.7 | 1 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Alibag | 29.3 | +0.5 | 30.3 | 31 | 25.1 | +0.2 | 23.1 | 28 | .. | 258.3 | - 92.7 | 58.0 | 15 | 18 | - 1.[a] | . | 20.4 | -3.9 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 28.4 | .. | 33.6 | 19 | 23.5 | .. | 22.6 | 04 | 308.0 | 595.8 | .. | 45.8 | 08 | 29 | .. | 3.0 | 2.5 | .. | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 28.6 | +0.9 | 29.6 | 29 | 25.1 | +0.7 | 23.5 | 27 | 56.9 | 156.4 | -391.7 | 31.4 | 17 | 15 | - 7.4 | 18.8 | 18.2 | -2.3 | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 29.3 | +1.0 | 31.4 | 29 | 24.6 | +0.5 | 23.0 | 20 | 58.6 | 197.2 | -285.9 | 31.4 | 20 | 18 | - 5.1 | 16.8 | 15.4 | .. | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 28.6 | +0.4 | 30.3 | 29 | 24.8 | +0.5 | 22.5 | 20 | 39.0 | 126.2 | -314.9 | 47.8 | 20 | 13 | - 9.5 | 19.4 | 18.3 | -7.6 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 29.5 | +0.8 | 30.1 | 16 | 24.1 | +0.2 | 22.5 | 31 | 63.8 | 217.3 | -341.6 | 42.2 | 08 | 19 | - 5.6 | 11.1 | 6.8 | .. | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panjim | 29.4 | .. | 30.2 | 29 | 24.3 | .. | 22.6 | 26 | 44.5 | 140.3 | .. | 18.2 | 25 | 16 | .. | 14.4 | 11.5 | .. | 2 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mormugao | 28.8 | +1.0 | 30.2 | 29 | 24.3 | +0.4 | 22.9 | 20 | 29.2 | 133.4 | -268.0 | 15.8 | 12 | 17 | - 5.6 | 14.8 | 14.0 | -4.8 | 1 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 29.7 | .. | 30.4 | 23 | 24.9 | .. | 23.4 | 20 | 47.4 | 114.2 | .. | 16.4 | 15 | 12 | .. | .. | .. | .. | 1 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 30.3 | +0.6 | 33.6 | 31 | 23.4 | -0.3 | 22.3 | 02 | 21.8 | 48.0 | -106.3 | 10.9 | 02 | 6 | - 6.3 | 14.4 | 11.2 | +0.8 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 33.0 | +1.8 | 40.4 | 10 | 23.5 | +0.1 | 21.9 | 26 | 69.8 | 113.2 | - 57.2 | 33.6 | 09 | 11 | - 0.5 | 20.1 | 15.7 | +3.4 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 31.1 | +0.4 | 33.6 | 27 | 22.2 | -0.1 | 20.5 | 29 | 20.3 | 21.7 | - 52.0 | 6.8 | 29 | 4 | - 1.1 | 16.0 | 12.2 | +0.6 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 28.4 | .. | 31.2 | 30 | 20.4 | .. | 18.0 | 29 | 19.4 | 31.7 | .. | 5.6 | 04 | 4 | .. | 26.5[a] | 19.4[a] | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 30.7 | +1.3 | 34.4 | 30 | 21.2 | +0.3 | 18.5 | 13 | 18.2 | 27.2 | - 46.5 | 12.0 | 17 | 3 | - 1.6 | 13.5 | 9.4 | -1.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 593.5 | -660.8 | 96.4 | 16 | 30 | + 1.1 | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 28.9 | .. | 32.5 | 30 | 20.7 | .. | 18.7 | 29 | 9.5 | 19.0 | .. | 4.9 | 16 | 2 | .. | .. | .. | .. | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poona | 28.4 | +0.9 | 30.5 | 30 | 21.6 | +0.3 | 19.7 | 29 | 3.0 | 16.2 | - 80.3 | 3.0 | 16 | 3 | - 5.2 | 15.2 | 10.9 | .. | 1 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jeur | 32.1 | +1.4 | 35.7 | 30 | 21.6 | +0.6 | 19.5 | 13 | 1.1 | 34.8 | - 53.6 | 33.7 | 31 | 1 | - 5.7 | 18.4 | 15.6 | 0.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 31.3 | +1.9 | 34.0 | 31 | 21.8 | +0.3 | 20.1 | 13 | 3.0 | 9.4 | - 77.2 | 6.4 | 31 | 2 | - 4.0 | 18.6 | 16.3 | -0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 32.7 | +1.4 | 35.6 | 28 | 22.2 | +0.3 | 20.0 | 31 | 7.6 | 125.5 | + 21.6 | 50.1 | 29 | 6 | - 0.9 | 11.5 | 9.6 | -2.0 | 0 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 29.4 | +1.4 | 32.4 | 21 | 21.1 | 0.0 | 20.1 | 22 | 13.0 | 21.8 | - 88.9 | 6.0 | 07 | 3 | - 5.7 | .. | .. | .. | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kolhapur | 27.7 | +1.6 | 30.7 | 30 | 21.0 | +0.2 | 20.0 | 22 | 13.8 | 51.8 | -169.7 | 8.7 | 01 | 10 | - 8.5 | 15.5 | 11.1 | -5.4 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udgiri | 22.0 | .. | 24.1 | 19 | 18.8 | .. | 18.1 | 24 | 345.6 | 939.4 | .. | 164.0 | 02 | 28 | .. | 14.9 | 14.2 | .. | 0 | 3 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 29.9 | +0.7 | 32.4 | 31 | 21.3 | +0.1 | 19.8 | 26 | 41.1 | 68.7 | - 54.0 | 26.2 | 16 | 6 | - 2.9 | 18.9 | 16.2 | -1.0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 30.0 | +0.9 | 32.6 | 28 | 21.2 | -0.7 | 19.8 | 26 | 21.1 | 47.2 | - 80.9 | 10.9 | 16 | 6 | - 4.8 | 19.8 | 16.2 | -0.8 | 2 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 32.7 | +2.3 | 35.2 | 31 | 22.8 | +0.6 | 21.8 | 31 | 0.0 | 63.0 | - 81.0 | 35.6 | 31 | 5 | - 3.9 | 14.0 | 10.8 | -1.5 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nander | 32.3 | .. | 35.4 | 31 | 23.0 | .. | 21.4 | 31 | 10.4 | 69.6 | .. | 20.3 | 13 | 8 | .. | 11.0 | 9.0 | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 33.1 | .. | 35.0 | 30 | 22.8 | .. | 21.0 | 12 | 12.4 | 65.0 | .. | 62.0 | 30 | 1 | .. | 13.0 | 10.6 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 30.8 | +0.9 | 34.0 | 31 | 24.2 | +0.1 | 23.1 | 03 | 76.5 | 332.1 | - 92.7 | 63.6 | 20 | 18 | + 1.1 | 6.0 | 4.8 | -0.5 | 0 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 31.0 | +0.6 | 34.7 | 31 | 23.9 | +0.2 | 22.4 | 02 | 52.7 | 203.7 | - 82.6 | 55.3 | 19 | 10 | - 3.6 | 15.9 | 11.0 | .. | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Amraoti | 31.0 | +1.2 | 34.7 | 31 | 23.5 | +0.5 | 22.2 | 09 | 73.4 | 118.6 | - 54.6 | 28.2 | 09 | 10 | + 0.1 | 17.5 | 13.1 | -1.0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 31.7 | .. | 36.0 | 31 | 21.1 | .. | 20.1 | 09 | 59.9 | 127.3 | .. | 41.5 | 08 | 7 | . | 14.5 | 11.3 | .. | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola | 31.5 | +0.8 | 35.4 | 28 | 23.9 | +0.4 | 22.8 | 09 | 64.1 | 138.7 | - 21.1 | 43.3 | 08 | 10 | + 0.7 | 13.6 | 10.6 | -1.3 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brahmapuri | 30.8 | +0.9 | 34.0 | 31 | 23.6 | -0.2 | 21.7 | 08 | 82.5 | 255.0 | -200.6 | 69.7 | 05 | 9 | -10.0 | 8.6 | 6.5 | -1.1 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 28.9 | +1.9 | 32.2 | 31 | 21.3 | +0.2 | 20.0 | 26 | 60.3 | 149.8 | - 41.2 | 61.0 | 08 | 8 | - 4.2 | 6.8 | 5.8 | -5.7 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 31.2 | +2.1 | 34.8 | 23 | 22.5 | +0.2 | 21.3 | 08 | 59.3 | 112.3 | -154.7 | 32.5 | 08 | 8 | - 5.0 | 19.2 | 15.7 | +1.2 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chandrapur (see foto-note) | 31.6 | +1.1 | 34.0 | 29 | 24.7 | +0.6 | 22.8 | 07 | 84.2 | 341.4 | + 33.3 | 57.2 | 07 | 14 | - 0.5 | 13.8 | 8.9 | +0.6 | 0 | 19 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 32.3 | .. | 35.4 | 31 | 23.3 | .. | 21.2 | 08 | 32.6 | 126.5 | .. | 36.0 | 01 | 7 | .. | 12.5 | 9.5 | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 31.7 | +1.0 | 34.2 | 28 | 24.7 | +0.2 | 23.1 | 06 | 57.8 | 242.2 | -192.7 | 62.2 | 04 | 13 | - 3.3 | 6.1 | 4.2 | -1.4 | 0 | 18 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 31.3 | .. | 34.9 | 31 | 24.1 | .. | 0.0 | 00 | 40.4 | 130.2 | .. | 26.4 | 07 | 10 | .. | 12.3 | 9.4 | .. | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

The name Chanda changed as Chandrapur from August 1966.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 30.9 | .. | 34.5 | 28 | 23.8 | .. | 22.3 | 29 | 86.6 | 163.9 | .. | 58.0 | 06 | 10 | .. | 12.5 | 9.4 | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 32.5 | +0.6 | 35.6 | 13 | 25.9 | -0.1 | 24.0 | 31 | 27.0 | 89.6 | - 82.6 | 42.3 | 18 | 6 | - 3.1 | 12.2 | 10.7 | -1.1 | 1 | 10 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Vishakhapatnam | 33.2 | +1.2 | 35.4 | 24 | 25.7 | -0.3 | 22.5 | 26 | 59.6 | 170.5 | + 49.3 | 52.3 | 08 | 11 | + 3.5 | 17.0 | 10.0 | -3.5 | 2 | 14 | 0 | 0 | 11 | 0 | 0 | 0 | 6 | 0 |
| Kakinada | 32.9 | +1.1 | 35.0 | 21 | 25.5 | -0.1 | 23.5 | 07 | 20.4 | 118.8 | - 26.2 | 22.4 | 26 | 11 | + 1.3 | 12.3 | 8.3 | -2.7 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 32.4 | +1.7 | 34.5 | 14 | 25.2 | +0.3 | 22.5 | 06 | 80.3 | 214.3 | + 6.0 | 33.8 | 06 | 14 | + 2.7 | 12.6 | 8.3 | -3.2 | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 34.6 | +0.7 | 38.0 | 18 | 26.2 | +0.6 | 23.4 | 27 | 0.0 | 51.4 | - 64.7 | 29.0 | 30 | 4 | - 3.7 | 6.5 | 8.6 | -3.2 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 33.3 | +1.2 | 35.2 | 14 | 25.5 | +0.4 | 23.4 | 31 | 65.5 | 172.0 | - 32.3 | 53.8 | 28 | 14 | + 2.1 | 15.6 | 10.5 | -4.8 | 2 | 16 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ongole | 35.8 | +1.7 | 38.3 | 14 | 26.7 | +0.4 | 24.2 | 31 | .. | 110.2 | + 11.2 | 42.2 | 31 | 9 | + 2.7 | .. | .. | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 35.6 | +0.4 | 38.5 | 17 | 26.8 | +0.3 | 23.4 | 11 | 23.0 | 143.4 | + 67.5 | 77.6 | 11 | 8 | + 2.8 | 13.2 | 9.6 | +0.4 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 32.9 | +1.6 | 35.4 | 27 | 24.9 | +0.5 | 22.6 | 06 | 13.6 | 106.0 | -124.7 | 32.2 | 06 | 10 | - 4.2 | 5.6 | 3.5 | -2.8 | 0 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Hanamkonda | 32.0 | +1.1 | 37.8 | 23 | 23.8 | -0.4 | 21.0 | 01 | 22.6 | 268.4 | + 93.9 | 117.6 | 19 | 14 | + 3.2 | 9.4 | 8.2 | -2.5 | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 30.3 | .. | 32.8 | 25 | 22.0 | .. | 20.3 | 31 | 24.0 | 107.7 | .. | 52.4 | 31 | 10 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 32.6 | +1.3 | 35.5 | 27 | 24.8 | +0.2 | 22.4 | 16 | 64.4 | 237.7 | - 44.0 | 45.5 | 15 | 16 | + 1.6 | 5.0 | 3.5 | -3.7 | 0 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 31.0 | +1.5 | 33.1 | 25 | 22.5 | +0.4 | 20.9 | 30 | 20.2 | 107.5 | - 27.6 | 32.2 | 30 | 8 | - 1.5 | 15.8 | 13.1 | -5.2 | 2 | 15 | 0 | 0 | 3 | 0 | 0 | 3 | 0 | 0 |
| Khammam | 32.9 | +0.7 | 35.2 | 23 | 25.2 | +0.5 | 22.4 | 28 | 23.0 | 82.8 | -107.6 | 23.2 | 05 | 7 | - 4.2 | 5.8 | 3.0 | -5.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 31.7 | +2.2 | 34.0 | 14 | 22.4 | +0.2 | 20.9 | 30 | 25.3 | 149.1 | - 60.1 | 62.0 | 19 | 7 | - 7.8 | 12.1 | 10.3 | -2.9 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 33.4 | +1.3 | 35.2 | 11 | 23.8 | +0.3 | 19.9 | 24 | 19.0 | 60.0 | - 43.1 | 28.6 | 31 | 5 | - 3.1 | 17.1 | 15.6 | -2.8 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Anantapur | 33.4 | +1.0 | 35.9 | 11 | 24.2 | +0.7 | 21.9 | 30 | 19.9 | 214.8 | +130.2 | 84.2 | 30 | 6 | + 1.1 | 15.7 | 15.1 | -2.9 | 2 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 33.9 | -0.1 | 36.9 | 11 | 25.5 | +0.1 | 22.3 | 30 | 15.8 | 159.4 | + 38.0 | 52.4 | 30 | 8 | + 0.8 | 7.0 | 6.4 | -2.3 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **MADRAS STATE (INCLUDING PONDICHERRY** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 33.8 | -0.1 | 36.6 | 02 | 25.1 | -0.3 | 22.1 | 15 | 2.3 | 190.2 | + 42.8 | 63.0 | 28 | 10 | - 0.4 | 9.6 | 7.8 | +0.3 | 1 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 34.4 | -0.1 | 37.3 | 03 | 25.2 | -0.6 | 21.4 | 28 | 26.6 | 183.0 | + 70.0 | 54.0 | 18 | 8 | + 0.2 | 12.0 | 10.3 | -3.3 | 0 | 14 | 0 | 0 | 11 | 0 | 0 | 0 | 3 | 0 |
| Vellore | 34.6 | +0.5 | 38.2 | 04 | 24.5 | -0.5 | 21.5 | 18 | 4.0 | 163.3 | + 24.9 | 47.9 | 05 | 6 | - 1.6 | 10.5 | 8.0 | -0.5 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 34.9 | .. | 37.6 | 03 | 24.9 | .. | 21.1 | 28 | 4.6 | 141.7 | .. | 49.0 | 28 | 10 | .. | .. | .. | .. | 0 | 12 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 34.8 | +1.4 | 36.3 | 09 | 23.9 | +1.0 | 22.0 | 18 | 13.1 | 118.4 | + 2.5 | 35.7 | 18 | 6 | + 1.0 | 11.2 | 7.3 | -0.5 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 34.6 | .. | 37.0 | 14 | 24.9 | .. | 22.6 | 28 | 13.8 | 142.0 | .. | 49.2 | 28 | 11 | .. | 4.7 | 5.1 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 34.5 | 0.0 | 37.9 | 03 | 24.8 | -0.6 | 23.0 | 14 | 18.4 | 366.5 | +252.4 | 68.4 | 13 | 16 | + 9.0 | 9.3 | 9.1 | -0.7 | 0 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 34.6 | -0.3 | 37.9 | 03 | 24.4 | -0.4 | 22.0 | 24 | 43.2 | 310.0 | +192.2 | 63.2 | 22 | 13 | + 6.5 | 5.7 | 5.4 | .. | 0 | 18 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Salem | 33.8 | +0.6 | 36.2 | 04 | 24.2 | +0.8 | 21.3 | 26 | 0.2 | 130.7 | - 26.0 | 48.4 | 21 | 10 | + 0.5 | 7.4 | 6.4 | -1.5 | 2 | 16 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 32.1 | +1.0 | 33.4 | 16 | 22.2 | +0.4 | 21.0 | 29 | 7.3 | 9.6 | - 12.5 | 3.5 | 29 | 2 | - 0.3 | 27.8 | 26.0 | -4.8 | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Nagapattinam | 34.3 | -0.1 | 38.3 | 01 | 25.3 | -0.7 | 22.1 | 07 | 97.8 | 273.6 | +204.3 | 64.8 | 31 | 9 | + 4.4 | 11.9 | 9.6 | -0.7 | 2 | 11 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 35.4 | +0.3 | 38.1 | 09 | 25.3 | -0.1 | 21.5 | 31 | 31.7 | 171.4 | + 73.9 | 47.7 | 23 | 8 | + 3.2 | 17.1 | 14.0 | -1.8 | 3 | 11 | 0 | 0 | 16 | 0 | 0 | 0 | 1 | 0 |
| Vedaranniyam (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Atirampattinam | 34.0 | .. | 38.0 | 03 | 24.7 | .. | 22.0 | 28 | 0.0 | 316.2 | .. | 97.0 | 28 | 12 | .. | 11.9 | 10.3 | .. | 0 | 16 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 35.5 | +0.2 | 38.3 | 03 | 24.0 | -1.2 | 21.8 | 05 | .. | 294.9 | +183.4 | 57.2 | 28 | 13 | + 6.7 | . | 4.0 | -3.0 | 1 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 34.9 | -0.7 | 38.6 | 03 | 24.5 | -0.8 | 22.1 | 24 | 88.9 | 189.8 | +110.5 | 47.9 | 05 | 12 | + 8.8 | 9.3 | 9.1 | -4.2 | 1 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 32.1 | -0.6 | 35.3 | 17 | 25.5 | -0.4 | 22.5 | 28 | 17.2 | 59.4 | + 26.2 | 32.2 | 28 | 5 | + 2.6 | 17.1 | 13.5 | -2.3 | 0 | 6 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 31.7 | +0.2 | 33.1 | 03 | 26.3 | -0.1 | 22.5 | 28 | 0.0 | 6.8 | - 6.4 | 3.8 | 26 | 2 | + 1.1 | 17.5 | 13.8 | -1.8 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 34.3 | -0.2 | 37.5 | 09 | 25.9 | -0.4 | 24.3 | 28 | 3.8 | 3.8 | - 1.2 | 3.8 | 23 | 1 | + 0.2 | 18.0 | 15.3 | -3.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 37.0 | +2.2 | 39.1 | 18 | 26.0 | -0.4 | 22.6 | 18 | 10.0 | 29.0 | + 12.5 | 19.0 | 18 | 2 | + 0.9 | 20.4 | 15.9 | -1.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 32.0 | .. | 34.6 | 15 | 24.7 | .. | 22.5 | 28 | 0.0 | 4.5 | .. | 3.1 | 28 | 1 | .. | 24.5 | 22.3 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 27.7 | -0.2 | 29.0 | 16 | 24.1 | 0.0 | 23.0 | 26 | 59.0 | 218.4 | -318.0 | 35.5 | 07 | 17 | - 7.2 | 7.4 | 6.0 | .. | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 29.1 | +0.8 | 30.8 | 24 | 23.9 | +0.4 | 22.1 | 26 | 103.0 | 350.8 | -351.8 | 62.3 | 31 | 20 | - 5.7 | .. | .. | .. | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 29.0 | +1.0 | 30.4 | 13 | 23.2 | +0.4 | 21.5 | 31 | 46.5 | 239.8 | -571.7 | 39.0 | 31 | 21 | - 4.7 | 10.9 | 7.2 | -1.3 | 1 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mangalore | 28.9 | +0.4 | 30.2 | 01 | 23.7 | +0.1 | 22.2 | 31 | 52.6 | 257.6 | -349.5 | 50.4 | 02 | 21 | - 4.1 | 10.7 | 8.0 | +0.1 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 29.9 | +1.2 | 32.7 | 13 | 21.4 | +0.4 | 20.4 | 31 | 25.7 | 176.1 | + 9.5 | 57.5 | 30 | 7 | - 3.1 | 14.9 | 12.2 | -6.3 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 32.2 | +1.0 | 35.0 | 14 | 22.8 | +0.6 | 20.4 | 31 | 2.6 | 199.2 | + 67.6 | 93.4 | 31 | 4 | - 3.7 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 31.9 | +1.8 | 34.5 | 28 | 21.3 | +0.5 | 20.8 | 13 | 6.4 | 34.8 | - 31.0 | 20.0 | 31 | 3 | - 1.2 | 15.0 | 12.8 | -0.7 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur | 33.7 | +1.8 | 37.0 | 13 | 23.4 | +0.6 | 21.2 | 31 | 4.9 | 171.0 | + 53.1 | 71.4 | 31 | 6 | - 2.0 | 21.7 | 21.3 | +3.1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Belgaum | 27.8 | +2.2 | 31.1 | 30 | 20.2 | +0.8 | 19.1 | 27 | 36.2 | 101.8 | -138.5 | 26.0 | 01 | 12 | - 6.1 | 12.2 | 9.2 | -4.3 | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) | 26.7 | +1.5 | 29.4 | 29 | 20.2 | +0.4 | 19.2 | 28 | 27.3 | 57.5 | -114.8 | 10.6 | 01 | 11 | - 3.7 | 18.2 | 13.5 | -9.7 | 2 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 30.0 | +1.1 | 32.3 | 14 | 20.8 | -0.1 | 19.9 | 24 | 50.5 | 44.1 | - 48.1 | 17.2 | 17 | 3 | - 4.3 | 16.2 | 14.5 | -3.0 | 2 | 9 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 32.5 | +1.1 | 35.0 | 14 | 24.1 | +0.6 | 22.4 | 31 | 4.0 | 42.0 | - 27.3 | 18.0 | 30 | 4 | 0.0 | 17.5 | 13.5 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 29.3 | +1.2 | 31.5 | 27 | 21.1 | +0.6 | 20.2 | 24 | 7.2 | 16.6 | - 72.8 | 8.4 | 30 | 2 | - 5.5 | 11.3 | 11.9 | -1.2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 28.8 | +1.7 | 30.6 | 14 | 20.1 | -0.9 | 19.0 | 23 | 19.0 | 28.4 | - 99.3 | 11.8 | 22 | 4 | -10.1 | 8.0 | 4.7 | -1.6 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 24.1 | .. | 26.0 | 18 | 19.5 | .. | 17.4 | 24 | .. | 1024.8 | .. | 130.0 | 08 | 28 | .. | .. | 3.7 | .. | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 25.1 | +1.9 | 27.7 | 25 | 18.3 | -0.3 | 17.0 | 12 | .. | 177.4 | -415.7 | 28.2 | 02 | 16 | - 8.3 | .. | .. | .. | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 27.1 | +1.6 | 29.3 | 17 | 18.2 | -0.6 | 16.0 | 03 | 41.7 | 52.7 | - 46.6 | 29.0 | 28 | 3 | - 6.6 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 28.7 | +1.4 | 31.8 | 18 | 20.3 | +1.1 | 19.3 | 20 | 33.2 | 86.6 | - 50.1 | 35.7 | 20 | 5 | - 4.5 | 14.2 | 12.1 | -3.1 | 1 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 28.4 | +0.5 | 30.3 | 14 | 18.9 | -0.5 | 18.0 | 30 | 35.7 | 96.4 | - 2.7 | 47.7 | 20 | 7 | - 0.9 | .. | .. | .. | 1 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Mysore | 29.2 | +1.3 | 31.5 | 14 | 20.6 | +1.0 | 19.6 | 26 | 8.4 | 38.5 | - 48.6 | 20.0 | 18 | 3 | + 2.7 | 15.9 | 12.2 | -0.3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 29.3 | +0.6 | 30.8 | 17 | 24.0 | +0.4 | 22.7 | 01 | 31.9 | 151.6 | -288.1 | 43.0 | 07 | 8 | -11.7 | 5.1 | 5.3 | -3.6 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 29.9 | +1.1 | 31.4 | 24 | 23.4 | +0.3 | 21.8 | 01 | 22.2 | 88.8 | -198.3 | 16.0 | 08 | 7 | -10.9 | 14.7 | 12.5 | -1.1 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Cochin | 28.7 | +0.6 | 30.2 | 01 | 24.4 | +0.4 | 22.9 | 07 | 17.5 | 208.8 | -170.9 | 53.8 | 04 | 13 | - 6.3 | 14.1 | 10.5 | +0.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 29.9 | .. | 31.1 | 02 | 24.5 | .. | 23.2 | 07 | 15.0 | 115.0 | .. | 28.6 | 07 | 10 | .. | 12.8 | 9.9 | .. | 1 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| Alleppey | 29.3 | +0.5 | 31.3 | 02 | 24.1 | +0.6 | 23.0 | 30 | 31.6 | 181.6 | -196.2 | 30.8 | 09 | 14 | - 5.6 | 14.2 | 10.5 | -0.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 31.7 | +1.9 | 33.7 | 20 | 23.0 | +0.3 | 21.8 | 26 | 72.4 | 166.4 | -131.2 | 62.4 | 11 | 9 | -10.1 | 7.0 | 4.9 | +0.1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 30.1 | +0.7 | 32.2 | 18 | 23.9 | +0.6 | 22.6 | 31 | 5.6 | 55.6 | - 89.9 | 18.9 | 28 | 6 | - 4.8 | 16.7 | 12.1 | +0.9 | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 29.8 | +0.6 | 31.4 | 18 | 24.4 | +0.9 | 23.2 | 31 | .. | 55.4 | - 93.9 | 21.4 | 28 | 6 | - 4.7 | .. | .. | .. | 1 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 29.9 | +0.5 | 31.2 | 18 | 25.6 | +0.1 | 23.0 | 25 | 27.6 | 215.8 | - 1.4 | 86.7 | 25 | 7 | - 5.3 | 32.3 | 32.6 | +9.7 | 4 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 29.2 | .. | 30.1 | 06 | 26.6 | .. | 24.6 | 31 | 30.8 | 96.7 | .. | 40.1 | 25 | 7 | .. | 23.5 | 23.1 | .. | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Androth | 30.5 | .. | 31.3 | 07 | 25.7 | .. | 22.9 | 25 | 40.8 | 168.6 | .. | 36.6 | 31 | 10 | .. | 9.8 | 9.3 | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 29.8 | +0.4 | 30.8 | 03 | 25.7 | +0.6 | 23.3 | 24 | 41.5 | 154.5 | - 54.8 | 47.6 | 24 | 10 | - 2.4 | 17.0 | 16.7 | +1.8 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 24.0 | +1.3 | 27.1 | 28 | 13.7 | -2.8 | 11.1 | 27 | 163.3 | 642.9 | + 42.4 | 91.3 | 27 | 24 | + 2.3 | 1.3 | 1.5 | -0.6 | 0 | 29 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Dharmsala | 26.7 | +0.4 | 29.3 | 24 | 20.1 | -0.4 | 18.4 | 15 | 211.8 | 854.0 | -182.2 | 120.8 | 06 | 25 | + 1.3 | 5.6 | 3.6 | 0.0 | 0 | 29 | 0 | 0 | 10 | 1 | 0 | 0 | 0 | 0 |
| Bhuntar | 29.5 | .. | 32.5 | 31 | 19.7 | .. | 16.9 | 16 | 67.5 | 188.6 | .. | 37.0 | 12 | 12 | .. | 11.8 | 7.2 | .. | 1 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Simla | 20.1 | 0.0 | 23.8 | 25 | 14.8 | -0.4 | .. | .. | 218.6 | 405.0 | - 14.1 | 56.6 | 15 | 18 | - 2.0 | 1.3 | 1.0 | -1.4 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharampur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 488.6 | +118.5 | 81.4 | 11 | 18 | + 0.4 | .. | .. | .. | 0 | 22 | .. | .. | .. | .. | .. | .. | .. | .. |
| Ghangaria (Kanjalia Tok) | 17.6 | .. | 21.2 | 26 | 10.6 | .. | 9.0 | 02 | .. | 336.8 | .. | 52.2 | 01 | 23 | .. | .. | .. | .. | 0 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Badrinath (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Joshimath | 24.4 | +0.2 | 27.0 | 23 | 16.6 | -0.7 | 14.4 | 03 | 53.4 | 264.2 | - 18.7 | 38.2 | 24 | 19 | - 0.8 | 5.3 | 3.6 | -0.1 | 0 | 19 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| Mussoorie | 20.0 | -0.2 | 23.1 | 24 | 15.6 | 0.0 | 14.2 | 07 | 458.4 | 1096.7 | +278.5 | 188.6 | 19 | 24 | + 0.1 | 7.9 | 6.7 | +2.0 | 0 | 25 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaon) | 20.2 | +0.1 | 25.0 | 23 | 14.7 | +0.2 | 13.1 | 31 | 260.8 | 464.2 | +157.9 | 81.0 | 28 | 19 | + 1.2 | 12.1 | 13.5 | +3.4 | 0 | 24 | 0 | 0 | 6 | 11 | 0 | 0 | 0 | 0 |
| Nainital | 20.5 | -0.6 | 23.0 | 30 | 16.4 | 0.0 | 15.0 | 18 | 291.5 | 822.7 | +262.0 | 183.0 | 27 | 22 | - 0.9 | 11.4 | 8.6 | +1.6 | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 25.0 | +0.7 | 26.4 | 20 | 20.0 | +0.7 | 18.6 | 29 | 44.6 | 1165.1 | +660.7 | 208.4 | 05 | 25 | + 3.5 | 9.1 | 7.0 | -0.5 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 19.3 | -0.5 | 22.3 | 17 | 14.3 | -1.1 | 13.4 | 31 | 113.3 | 647.9 | + 4.5 | 105.8 | 24 | 26 | + 2.2 | 2.6 | 2.1 | 0.0 | 0 | 29 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| Kohima | 24.2 | -0.3 | 26.3 | 13 | .. | .. | .. | .. | 76.3 | 301.3 | - 52.1 | 50.0 | 02 | 23 | + 2.0 | .. | 1.7 | -1.8 | 0 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) | 23.4 | -1.3 | 26.0 | 03 | 17.3 | -1.2 | 15.8 | 28 | 257.5 | 630.1 | +287.4 | 180.0 | 23 | 22 | + 3.0 | .. | .. | .. | 0 | 29 | 0 | 0 | 2 | 12 | 0 | 0 | 0 | 0 |
| Cherrapunji | 24.4 | +1.9 | 25.4 | 15 | 17.5 | -0.9 | 16.1 | 26 | .. | 2196.2 | +395.9 | 350.4 | 24 | 29 | + 2.9 | 9.9 | 9.8 | +1.3 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Abu | 23.0 | +0.5 | 25.3 | 19 | 17.2 | -1.1 | 15.8 | 28 | 15.8 | 97.0 | -556.0 | 27.4 | 02 | 9 | - 8.6 | 12.7 | 10.3 | -0.8 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pachmarhi | 24.0 | +0.2 | 27.5 | 31 | 19.7 | +0.1 | 18.4 | 02 | 110.8 | 356.8 | -287.1 | 99.4 | 01 | 20 | - 2.0 | 9.1 | 9.6 | +1.3 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 19.3 | +0.4 | 21.0 | 29 | 16.5 | +0.2 | 15.4 | 27 | 428.3 | 942.8 | -821.5 | 94.4 | 01 | 31 | + 1.4 | 17.5 | 17.5 | +0.2 | 0 | 31 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| Mercara | 21.7 | +1.0 | 25.0 | 18 | 16.6 | -0.5 | 15.6 | 31 | 125.2 | 364.2 | -318.5 | 53.0 | 07 | 20 | - 6.6 | 15.1 | 15.1 | -0.4 | 0 | 24 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund | 19.3 | +2.0 | 21.9 | 06 | 10.9 | 0.0 | 8.0 | 01 | 37.2 | 63.6 | - 83.5 | 24.2 | 28 | 6 | - 6.9 | 7.0 | 3.5 | -5.4 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 22.5 | +1.0 | 24.3 | 03 | 13.8 | -0.8 | 11.9 | 25 | .. | 107.0 | + 13.1 | 18.4 | 23 | 12 | + 3.7 | .. | .. | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 18.9 | +1.4 | 20.8 | 14 | 11.6 | +0.1 | 10.5 | 29 | 94.4 | 119.0 | - 58.0 | 29.8 | 18 | 12 | 0.0 | 8.9 | 11.2 | -2.6 | 0 | 21 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 27.1 | -1.4 | 30.7 | 21 | 19.9 | 0.0 | 16.6 | 25 | 124.0 | 437.0 | + 89.9 | 115.2 | 24 | 23 | + 3.1 | 0.8 | 0.3 | -0.9 | 0 | 28 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 19.7 | +2.5 | 20.5 | 25 | .. | .. | .. | .. | .. | 289.6 | + 19.8 | 27.0 | 01 | 27 | + 0.5 | .. | .. | .. | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 31.1 | .. | 33.7 | 21 | 24.9 | .. | 23.8 | 12 | 183.8 | 268.9 | .. | 158.0 | 12 | 9 | .. | 9.4 | 6.6 | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 29.2 | .. | 31.5 | 21 | 22.6 | .. | 21.3 | 28 | 217.5 | 313.4 | .. | 112.0 | 11 | 13 | .. | 8.4 | 4.8 | .. | 0 | 20 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Konar | 32.8h | .. | 38.7 | 17 | 18.8h | .. | 16.7 | 30 | 5.2 | 122.8 | .. | 18.0 | 23 | 15 | .. | 6.7 | 5.2 | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 32.9 | .. | 35.4 | 18 | 22.5 | .. | 20.2 | 28 | 125.2 | 194.4 | .. | 49.2 | 18 | 11 | .. | 4.0 | 3.5 | .. | 2 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maithon | 33.3 | .. | 35.9 | 30 | 23.7 | .. | 21.1 | 31 | 71.4 | 225.6 | .. | 41.0 | 02 | 16 | .. | .. | .. | .. | 1 | 19 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Ramgarh | 32.4 | .. | 36.0 | 15 | 25.0 | .. | 23.2 | 29 | 106.8 | 189.4 | .. | 38.6 | 07 | 11 | .. | .. | .. | .. | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 32.2 | .. | 34.4 | 17 | 25.7 | .. | 23.9 | 31 | 109.1 | 378.7 | .. | 144.0 | 02 | 14 | .. | 6.2 | 6.1 | .. | 0 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 32.7 | .. | 34.8 | 14 | 24.7 | .. | 23.0 | 19 | 127.1 | 233.6 | .. | 45.0 | 24 | 14 | .. | 12.2 | 9.0 | .. | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 30.3 | .. | 33.1 | 31 | 22.5 | .. | 20.1 | 28 | 83.6 | 391.3 | .. | 1.9 | 17 | 17 | .. | .. | .. | .. | 0 | 22 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 32.0 | .. | 34.6 | 30 | 25.5 | .. | 23.4 | 14 | 63.8 | 223.9 | .. | 48.8 | 14 | 14 | .. | 5.9 | 5.0 | .. | 0 | 22 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 31.2 | .. | 33.4 | 29 | 24.1 | .. | 22.8 | 08 | 133.1 | 183.9 | .. | 33.0 | 15 | 16 | .. | 1.7 | 0.8 | .. | 0 | 24 | 0 | 0 | 21 | 1 | 0 | 0 | 0 | 0 |
| Sonepur | 31.9 | .. | 33.8 | 30 | 25.5 | .. | 23.6 | 08 | .. | 72.6 | .. | 18.5 | 14 | 8 | .. | . | 5.5 | .. | 1 | 11 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 30.1 | .. | 32.6 | 29 | 24.0 | .. | 22.1 | 02 | 0.0 | 168.8 | .. | 47.4 | 14 | 13 | .. | 11.5 | 7.8 | .. | 0 | 16 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 29.2 | .. | 33.0 | 30 | 22.2 | .. | 20.7 | 27 | 97.3 | 197.2 | .. | 61.2 | 01 | 13 | .. | 12.9 | 9.0 | .. | 0 | 20 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 30.9 | .. | 36.4 | 31 | 23.0 | .. | 19.9 | 20 | 0.0 | 86.8 | .. | 17.0 | 12 | 11 | .. | 14.5 | 12.5 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 31.3 | .. | 35.3 | 31 | 22.8 | .. | 17.4 | 08 | .. | 73.9 | .. | 9.9 | 09 | 10 | .. | .. | .. | .. | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 32.0 | .. | 35.8 | 31 | 22.4 | .. | 20.8 | 30 | 3.3 | 106.1 | .. | 101.3 | 02 | 1 | .. | .. | .. | .. | 1 | 5 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 25.1 | .. | 26.5 | 04 | 14.6 | .. | 13.6 | 17 | 0.0 | 5.0 | .. | 5.0 | 01 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 28.0 | .. | 30.1 | 21 | 21.4 | .. | 19.9 | 25 | 214.8 | 766.2 | .. | 89.2 | 31 | 28 | .. | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 25.3 | .. | 28.4 | 19 | 18.7 | .. | 16.7 | 31 | 26.7 | 317.9 | .. | 0.7 | 01 | 21 | .. | .. | .. | .. | 0 | 26 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 28.4 | .. | 30.6 | 21 | 22.0 | .. | 20.7 | 29 | 260.4 | 805.1 | .. | 77.2 | 31 | 26 | .. | 1.8 | 1.0 | .. | 0 | 30 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 26.7 | .. | 29.2 | 21 | 20.7 | .. | 18.7 | 25 | 72.0 | 520.7 | .. | 84.0 | 22 | 20 | .. | .. | .. | .. | 3 | 27 | 0 | 0 | 7 | 29 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 26.2 | .. | 27.6 | 31 | 19.3 | .. | 18.1 | 27 | 247.0 | 588.0 | .. | 50.0 | 19 | 27 | .. | .. | .. | .. | 0 | 27 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | Temporarily closed from 28.5.1966 | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 25.8 | .. | 27.9 | 22 | 19.3 | .. | 17.5 | 25 | 36.0 | 159.1 | .. | 38.7 | 28 | 15 | .. | .. | .. | .. | 0 | 24 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 31.4 | .. | 33.9 | 18 | 25.2 | .. | 23.9 | 29 | 509.4 | 1661.4 | .. | 402.0 | 25 | 26 | .. | .. | .. | .. | 0 | 28 | .. | .. | .. | .. | .. | . | .. | . |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | Data included under Nepal | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 15.5 | .. | 18.5 | 16 | 3.0 | .. | 1.9 | 06 | 93.6 | 414.1 | .. | 26.3 | 01 | 31 | .. | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 26.2 | .. | 30.1 | 20 | 18.4 | .. | 17.5 | 30 | 89.8 | 574.8 | .. | 45.0 | 29 | 29 | .. | .. | .. | .. | 0 | 31 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 22.8 | .. | 25.8 | 23 | 18.3 | .. | 16.3 | 25 | 29.6 | 265.1 | .. | 82.2 | 24 | 16 | .. | .. | .. | .. | 1 | 19 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 23.8 | .. | 26.0 | 20 | 17.7 | .. | 16.2 | 30 | 114.7 | 556.8 | .. | 64.0 | 23 | 25 | .. | .. | .. | .. | 1 | 27 | 0 | 0 | 0 | 22 | 0 | 0 | 0 | 0 |
| Okhaldhunga | .. | .. | .. | .. | 17.1 | .. | 13.9 | 25 | 74.4 | 38.4 | .. | 82.4 | 24 | 20 | .. | 3.2 | 2.4 | .. | 1 | 24 | 0 | 0 | 2 | 21 | 0 | 0 | 0 | 0 |
| Chainpur | 27.1 | .. | 29.6 | 17 | 20.0 | .. | 18.6 | 30 | 95.9 | 539.6 | .. | 137.6 | 05 | 25 | .. | .. | .. | .. | 0 | 27 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 28.1 | .. | 30.6 | 15 | .. | .. | .. | .. | 39.8 | 270.6 | .. | 42.0 | 24 | 17 | .. | .. | .. | .. | 0 | 21 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 30.5 | .. | 33.2 | 23 | 23.9 | .. | 22.5 | 25 | 199.6 | 848.0 | .. | 128.4 | 24 | 24 | .. | 4.7 | 2.6 | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 22.9 | .. | 27.1 | 20 | 16.9 | .. | 15.7 | 07 | 125.2 | 589.6 | .. | 43.6 | 05 | 27 | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gezing | 25.1 | .. | 28.7 | 18 | 18.4 | .. | 17.3 | 01 | 97.1 | 564.8 | .. | 91.9 | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity Departure from normal | Cloud Amount (0ktas) Mean amount | Cloud Amount (0ktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| BAY ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1007.8 | 1004.7 | -0.1 | 27.6 | 26.0 | 25.3 | 32.2 | 87 | + 1 | 5.9 | -0.4 | 9.3 | 0 | 2 | 25 | 00 | 0 | 1 | 1 | 1 | 17 | 7 | 0 | 4 | 0 |
| | 1730 | 28 | 1005.7 | 1002.6 | -0.2 | 26.8 | 25.2 | 24.5 | 30.7 | 88 | + 0 | 5.9 | -0.6 | 10.2 | 0 | 4 | 25 | 01 | 1 | 0 | 1 | 0 | 19 | 7 | 0 | 2 | 0 |
| Long Island | 0830 | 25 | 1008.0 | 1005.2 | -0.1 | 28.0 | 26.2 | 25.4 | 32.4 | 86 | + 1 | 6.1 | -0.3 | 2.4 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 19 | 1 | 0 | 11 | 0 |
| | 1730 | 25 | 1006.4 | 1003.6 | +0.3 | 27.3 | 25.5 | 24.7 | 31.1 | 87 | + 1 | 6.2 | -0.4 | 2.3 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 0 | 18 | 1 | 0 | 12 | 0 |
| Port Blair | 0530 | 79 | 1006.9 | 997.9 | .. | 25.4 | 24.5 | 24.1 | 30.2 | 93 | .. | 7.1 | .. | 11.2 | 0 | 6 | 20 | 00 | 0 | 0 | 0 | 9 | 15 | 2 | 0 | 5 | 0 |
| | 0830 | 79 | 1008.5 | 999.6 | +0.1 | 27.6 | 25.6 | 24.7 | 31.1 | 85 | + 1 | 6.5 | -0.5 | 17.9 | 0 | 13 | 18 | 00 | 0 | 0 | 2 | 9 | 15 | 5 | 0 | 0 | 0 |
| | 1130 | 79 | 1007.5 | 998.7 | .. | 28.5 | 25.7 | 24.5 | 30.7 | 80 | .. | 7.1 | .. | 24.6 | 0 | 24 | 7 | 00 | 0 | 1 | 1 | 7 | 16 | 6 | 0 | 0 | 0 |
| | 1430 | 79 | 1006.0 | 997.2 | .. | 28.0 | 25.5 | 24.5 | 30.7 | 81 | .. | 7.1 | .. | 22.3 | 0 | 23 | 8 | 00 | 0 | 1 | 1 | 7 | 19 | 2 | 1 | 0 | 0 |
| | 1730 | 79 | 1006.5 | 997.5 | +0.2 | 26.6 | 25.2 | 24.6 | 30.9 | 88 | + 0 | 7.1 | -0.8 | 14.1 | 0 | 8 | 21 | 00 | 0 | 0 | 1 | 8 | 17 | 2 | 1 | 2 | 0 |
| | 2030 | 79 | 1008.4 | 999.5 | .. | 25.8 | 24.8 | 24.4 | 30.5 | 91 | .. | 5.1 | .. | 10.5 | 0 | 4 | 23 | 00 | 0 | 0 | 0 | 11 | 13 | 3 | 0 | 4 | 0 |
| | 2330 | 79 | 1007.9 | 999.0 | .. | 25.6 | 24.7 | 24.3 | 30.4 | 92 | .. | 5.7 | .. | 10.8 | 0 | 4 | 22 | 00 | 0 | 0 | 0 | 14 | 10 | 1 | 1 | 5 | 0 |
| Car Nicobar | 0830 | 10 | 1008.9 | 1007.7 | -0.1 | 27.7 | 25.6 | 24.7 | 31.1 | 84 | + 1 | 5.5 | -0.9 | 1.4 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 2 | 15 | 2 | 0 | 12 | 0 |
| | 1730 | 10 | 1007.1 | 1005.9 | +0.1 | 26.9 | 25.1 | 24.3 | 30.4 | 85 | - 1 | 6.2 | -0.1 | 1.3 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 17 | 1 | 0 | 13 | 0 |
| Nancowry | 0830 | 26 | 1009.6 | 1006.7 | -0.1 | 27.3 | 25.3 | 24.4 | 30.5 | 85 | + 3 | 6.0 | -0.2 | 8.3 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 23 | 6 | 0 | 2 | 0 |
| | 1730 | 26 | 1007.6 | 1004.7 | +0.0 | 26.7 | 25.0 | 24.3 | 30.4 | 87 | + 3 | 6.1 | +0.0 | 7.3 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 25 | 4 | 1 | 1 | 0 |
| Kondul | 0830 | 8 | .. | .. | .. | 27.1 | 25.5 | 24.8 | 31.3 | 87 | + 4 | 6.2 | -0.1 | 11.5 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 7 | 20 | 3 | 0 | 1 | 0 |
| | 1730 | 8 | .. | .. | .. | 26.9 | 25.4 | 24.7 | 31.1 | 87 | + 1 | 6.6 | +0.1 | 10.1 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 6 | 22 | 1 | 0 | 2 | 0 |
| NORTH ASSAM (INCLUDING NEFA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasighat | 0830 | 157 | 1004.2 | 986.5 | +0.2 | 25.2 | 24.6 | 24.3 | 30.4 | 95 | + 9 | 7.4 | +0.6 | 2.1 | 0 | 0 | 21 | 01 | 3 | 5 | 1 | 0 | 2 | 0 | 9 | 10 | 0 |
| | 1730 | 157 | 1000.5 | 983.0 | +0.7 | 27.4 | 25.8 | 25.1 | 31.9 | 88 | + 6 | 6.3 | +1.1 | 2.0 | 0 | 0 | 24 | 04 | 7 | 3 | 1 | 2 | 1 | 2 | 4 | 7 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1002.3 | 989.7 | .. | 25.1 | 24.6 | 24.4 | 30.5 | 96 | .. | 7.5 | .. | 5.9 | 0 | 0 | 25 | 00 | 19 | 5 | 0 | 0 | 1 | 0 | 0 | 6 | 0 |
| | 0530 | 111 | 1002.8 | 990.2 | .. | 24.7 | 24.4 | 24.2 | 30.2 | 97 | .. | 7.6 | .. | 5.2 | 0 | 1 | 23 | 04 | 11 | 5 | 2 | 0 | 1 | 0 | 1 | 7 | 0 |
| | 0830 | 111 | 1004.1 | 991.6 | +0.4 | 25.9 | 25.1 | 24.7 | 31.1 | 93 | + 7 | 7.7 | +0.6 | 6.4 | 0 | 0 | 28 | 03 | 14 | 4 | 2 | 2 | 1 | 0 | 2 | 3 | 0 |
| | 1130 | 111 | 1003.2 | 990.8 | .. | 27.3 | 25.7 | 25.0 | 31.7 | 88 | .. | 7.3 | .. | 6.2 | 0 | 0 | 29 | 05 | 10 | 3 | 4 | 2 | 2 | 2 | 1 | 2 | 0 |
| | 1430 | 111 | 1000.5 | 988.2 | .. | 28.9 | 26.3 | 25.2 | 32.1 | 81 | .. | 6.3 | .. | 7.0 | 0 | 0 | 31 | 06 | 12 | 2 | 1 | 0 | 4 | 1 | 5 | 0 | 0 |
| | 1730 | 111 | 1000.2 | 987.9 | +0.9 | 28.3 | 26.0 | 25.1 | 31.9 | 83 | + 4 | 5.5 | +0.2 | 4.5 | 0 | 0 | 25 | 01 | 15 | 4 | 2 | 0 | 1 | 1 | 1 | 6 | 0 |
| | 2030 | 111 | 1002.5 | 990.0 | .. | 26.5 | 25.6 | 25.2 | 32.1 | 93 | .. | 5.2 | .. | 3.9 | 0 | 0 | 19 | 01 | 16 | 2 | 0 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 2330 | 111 | 1002.7 | 990.1 | .. | 25.6 | 25.0 | 24.7 | 31.1 | 95 | .. | 6.9 | .. | 4.5 | 0 | 0 | 21 | 03 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| Digboi | 0830 | 152 | 1004.0 | 986.8 | -0.9 | 26.5 | 25.3 | 24.8 | 31.3 | 91 | + 4 | 7.2[b] | +0.6 | 2.9[b] | 0 | 0 | 29 | 01 | 6 | 7 | 7 | 4 | 0 | 4 | 0 | 0 | 0 |
| | 1730 | 152 | 1000.7 | 983.6 | -0.3 | 27.5 | 25.6 | 24.7 | 31.1 | 85 | + 8 | 5.8[b] | -0.1 | 2.9[b] | 0 | 0 | 28 | 02 | 4 | 9 | 5 | 2 | 0 | 5 | 1 | 1 | 0 |
| North Lakhimpur | 0830 | 102 | 1003.8 | 992.3 | +0.0 | 26.3 | 25.3 | 24.9 | 31.5 | 91 | + 1 | 7.6 | +0.5 | 6.3 | 0 | 0 | 31 | 06 | 9 | 2 | 3 | 6 | 4 | 0 | 1 | 0 | 0 |
| | 1130 | 102 | 1003.0 | 991.7 | .. | 28.0 | 26.0 | 25.2 | 32.1 | 85 | .. | 7.2 | .. | 9.3 | 0 | 2 | 29 | 07 | 7 | 2 | 3 | 6 | 4 | 1 | 1 | 0 | 0 |
| | 1430 | 102 | 1000.3 | 989.0 | .. | 29.1 | 26.4 | 25.3 | 32.2 | 81 | .. | 6.3 | .. | 9.4 | 0 | 2 | 27 | 07 | 8 | 3 | 1 | 4 | 5 | 0 | 1 | 2 | 0 |
| | 1730 | 102 | 1000.2 | 988.7 | +0.5 | 28.1 | 26.2 | 25.4 | 32.4 | 85 | + 1 | 5.6 | +0.1 | 5.3 | 0 | 0 | 27 | 07 | 9 | 3 | 1 | 5 | 2 | 0 | 0 | 4 | 0 |
| | 2030 | 102 | 1002.4 | 990.9 | .. | 26.8 | 25.9 | 25.5 | 32.6 | 93 | .. | 5.8 | .. | 4.1 | 0 | 0 | 24 | 08 | 10 | 2 | 2 | 1 | 0 | 1 | 0 | 7 | 0 |
| Sibsagar | 0830 | 97 | 1004.1 | 993.2 | +0.1 | 27.2 | 25.7 | 25.1 | 31.9 | 89 | + 4 | 7.8 | +0.4 | 2.5 | 0 | 0 | 27 | 11 | 7 | 0 | 0 | 6 | 3 | 0 | 0 | 4 | 0 |
| | 1730 | 97 | 999.9 | 989.2 | +0.5 | 29.0 | 26.6 | 25.6 | 32.8 | 80 | + 0 | 6.1 | +0.2 | 2.1 | 0 | 0 | 22 | 13 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| Gohpur | 0830 | 83 | 1003.2 | 993.9 | .. | 27.1 | 26.0 | 25.5 | 32.6 | 91 | + 0 | 7.5 | .. | 4.0 | 0 | 0 | 27 | 01 | 7 | 0 | 6 | 1 | 8 | 1 | 2 | 4 | 1 |
| | 1730 | 83 | 999.5 | 990.4 | .. | 29.1 | 26.9 | 26.0 | 33.6 | 83 | - 2 | 6.2 | .. | 1.9 | 0 | 0 | 19 | 00 | 3 | 0 | 8 | 1 | 3 | 0 | 4 | 12 | 0 |
| Majbat | 0830 | | .. | 987.2 | -2.6 | 26.9 | 25.7 | 25.2 | 32.1 | 90 | .. | 5.5 | -1.2 | 4.6 | 0 | 0 | 29 | 00 | 13 | 0 | 3 | 1 | 10 | 0 | 2 | 2 | 0 |
| | 1730 | | .. | 983.9 | -2.2 | 29.1 | 26.5 | 25.4 | 32.4 | 81 | .. | 6.1 | +0.7 | 3.5 | 0 | 0 | 24 | 00 | 2 | 1 | 4 | 0 | 12 | 0 | 5 | 7 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1001.9 | 991.8 | .. | 25.3 | 24.9 | 24.7 | 31.1 | 98 | .. | 7.5 | .. | 0.6 | 0 | 0 | 11 | 00 | 2 | 0 | 0 | 0 | 5 | 2 | 2 | 20 | 0 |
| | 0830 | 90 | 1003.2 | 993.1 | .. | 27.7 | 26.3 | 25.7 | 33.0 | 89 | .. | 7.3 | .. | 1.1 | 0 | 0 | 21 | 01 | 7 | 0 | 0 | 0 | 8 | 3 | 2 | 10 | 0 |
| | 1130 | 90 | 1002.1 | 992.2 | .. | 30.3 | 27.5 | 26.4 | 34.4 | 80 | .. | 6.8 | .. | 1.6 | 0 | 0 | 23 | 01 | 7 | 1 | 0 | 0 | 7 | 4 | 3 | 8 | 0 |
| | 1730 | 90 | 999.0 | 989.1 | .. | 29.5 | 27.6 | 26.9 | 35.4 | 86 | .. | 5.6 | .. | 0.6 | 0 | 0 | 12 | 04 | 5 | 0 | 0 | 0 | 1 | 1 | 1 | 19 | 0 |
| | 2330 | 90 | 1002.1 | 992.0 | .. | 26.3 | 26.0 | 25.9 | 33.4 | 97 | .. | 6.8 | .. | 0.7 | 0 | 0 | 11 | 01 | 2 | 0 | 0 | 1 | 6 | 0 | 1 | 20 | 0 |
| Tangla | 0830 | 78 | 1002.3 | 993.6 | -0.3 | 27.8 | 26.0 | 25.2 | 32.1 | 86 | + 1 | . | .. | 1.1 | 0 | 0 | 13 | 00 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 1730 | 78 | 999.0 | 990.3 | +0.0 | 29.7 | 27.0 | 25.9 | 33.4 | 81 | + 0 | . | .. | 0.6 | 0 | 0 | 10 | 00 | 0 | 0 | 9 | 0 | 1 | 0 | 0 | 21 | 0 |
| Tezpur | 0830 | 79 | 1004.3 | 995.4 | +0.1 | 27.2 | 25.8 | 25.2 | 32.1 | 89 | + 3 | 7.3 | +0.9 | 2.5 | 0 | 0 | 27 | 00 | 11 | 1 | 2 | 4 | 8 | 1 | 0 | 4 | 0 |
| | 1730 | 79 | 999.9 | 991.2 | +0.0 | 29.7 | 26.7 | 25.5 | 32.6 | 78 | - 3 | 6.0 | +1.1 | 1.3 | 0 | 0 | 18 | 02 | 6 | 2 | 0 | 1 | 6 | 1 | 0 | 13 | 0 |
| Golaghat | 0830 | 95 | 1003.0 | 992.4 | -0.6 | 27.9 | 25.8 | 24.9 | 31.5 | 84 | - 2 | 6.1 | -0.6 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 95 | 998.7 | 988.2 | -1.0 | 31.1 | 27.1 | 25.5 | 32.6 | 73 | - 5 | 3.9[3] | -1.5 | 0.0[d] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Rangia | 0830 | 60 | 1004.9 | 998.1 | .. | 28.5 | 26.5 | 25.7 | 33.0 | 85 | + 2 | 6.0 | .. | 4.3 | 0 | 0 | 27 | 01 | 1 | 5 | 1 | 0 | 4 | 12 | 3 | 4 | 0 |
| | 1730 | 60 | 1001.8 | 995.1 | .. | 29.9 | 27.2 | 26.1 | 33.8 | 81 | + 3 | 5.4[b] | .. | 2.6[b] | 0 | 0 | 21 | 00 | 1 | 2 | 0 | 2 | 2 | 11 | 3 | 8 | 0 |
| Chaparmukh | 0830 | 66 | 1004.2 | 996.8 | +0.4 | 28.1 | 26.1 | 25.3 | 32.2 | 86 | + 1 | 6.5[b] | +0.1 | 4.1[b] | 0 | 0 | 29 | 00 | 1 | 5 | 16 | 5 | 0 | 0 | 2 | 0 | 0 |
| | 1730 | 66 | 999.9 | 992.6 | +0.1 | 30.0 | 26.9 | 25.7 | 33.0 | 78 | - 6 | 5.5[b] | -0.3 | 3.4[b] | 0 | 0 | 27 | 03 | 7 | 2 | 5 | 4 | 4 | 0 | 2 | 2 | 0 |
| Goalpara | 0830 | 38 | 1003.4 | 999.1 | +0.5 | 27.2 | 25.7 | 25.1 | 31.9 | 87 | + 1 | 7.2 | +0.5 | 1.5 | 0 | 0 | 23 | 00 | 11 | 0 | 5 | 0 | 3 | 1 | 3 | 8 | 0 |
| | 1730 | 38 | 999.4 | 995.1 | +0.1 | 29.5 | 26.8 | 25.7 | 33.0 | 82 | + 2 | 6.9 | +0.8 | 1.9 | 0 | 0 | 30 | 00 | 8 | 0 | 2 | 0 | 14 | 2 | 4 | 1 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1001.3 | 995.2 | .. | 26.6 | 25.6 | 25.2 | 32.1 | 92 | .. | 7.1 | .. | 2.6 | 0 | 0 | 14 | 00 | 0 | 0 | 1 | 6 | 4 | 3 | 0 | 17 | 0 |
| | 0530 | 54 | 1001.9 | 995.8 | .. | 26.2 | 25.2 | 24.8 | 31.3 | 92 | .. | 7.3 | .. | 2.5 | 0 | 0 | 13 | 01 | 7 | 0 | 2 | 4 | 3 | 0 | 1 | 18 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in kms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (Contd.) | 0830 | 54 | 1003.3 | 997.2 | -0.2 | 28.0 | 25.9 | 25.0 | 31.7 | 84 | - 1 | 6.9 | +0.3 | 3.2 | 0 | 0 | 14 | 03 | 3 | 1 | 3 | 2 | 1 | 1 | 0 | 17 | 0 |
| | 1130 | 54 | 1002.1 | 996.4 | .. | 30.0 | 26.6 | 25.2 | 32.1 | 75 | .. | 6.6 | .. | 5.2 | 0 | 1 | 21 | 03 | 3 | 0 | 0 | 0 | 0 | 6 | 6 | 9 | 4 |
| | 1430 | 54 | 999.9 | 993.8 | .. | 30.6 | 26.7 | 25.0 | 31.7 | 73 | .. | 6.3 | .. | 6.3 | 0 | 1 | 27 | 07 | 3 | 0 | 0 | 2 | 1 | 9 | 6 | 3 | 0 |
| | 1730 | 54 | 999.7 | 993.7 | -0.1 | 29.3 | 26.3 | 25.0 | 31.7 | 78 | - 4 | 6.6 | +0.4 | 4.7 | 0 | 0 | 21 | 01 | 1 | 1 | 2 | 2 | 5 | 6 | 3 | 10 | 0 |
| | 2030 | 54 | 1002.1 | 996.0 | .. | 27.7 | 26.1 | 25.4 | 32.4 | 87 | .. | 5.9 | .. | 3.4 | 0 | 0 | 14 | 00 | 1 | 0 | 2 | 5 | 4 | 1 | 1 | 17 | 0 |
| | 2330 | 54 | 1002.3 | 996.1 | .. | 27.1 | 25.6 | 24.9 | 31.5 | 88 | .. | 5.8 | .. | 1.8 | 0 | 0 | 8 | 00 | 1 | 1 | 0 | 3 | 1 | 1 | 1 | 23 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1001.7 | 996.6 | .. | 25.7 | 25.3 | 25.1 | 31.9 | 96 | .. | 7.3 | .. | 4.4 | 0 | 0 | 23 | 02 | 7 | 4 | 2 | 5 | 3 | 0 | 0 | 8 | 0 |
| | 0830 | 45 | 1003.0 | 997.8 | +0.5 | 27.8 | 26.2 | 25.5 | 32.6 | 88 | + 2 | 7.5 | +0.8 | 5.3 | 0 | 0 | 29 | 02 | 4 | 5 | 5 | 4 | 8 | 0 | 1 | 2 | 0 |
| | 1130 | 45 | 1002.3 | 997.3 | .. | 29.1 | 26.8 | 25.8 | 33.2 | 83 | .. | 7.2 | .. | 6.5 | 0 | 0 | 30 | 01 | 3 | 1 | 7 | 6 | 9 | 2 | 1 | 1 | 0 |
| | 1730 | 45 | 999.4 | 994.3 | +0.6 | 28.8 | 26.8 | 26.0 | 33.6 | 85 | + 2 | 7.0 | +0.8 | 4.5 | 0 | 0 | 27 | 01 | 3 | 4 | 1 | 7 | 10 | 0 | 1 | 4 | 0 |
| Dhubri | 0830 | 35 | 1003.7 | 999.7 | +0.3 | 27.7 | 26.1 | 25.4 | 32.4 | 87 | + 1 | 6.1 | +0.3 | 7.0 | 0 | 1 | 29 | 01 | 12 | 3 | 3 | 6 | 4 | 0 | 1 | 1 | 0 |
| | 1730 | 35 | 1000.6 | 996.7 | +0.6 | 28.0 | 26.4 | 25.7 | 33.0 | 87 | + 2 | 6.3 | +0.5 | 4.8 | 0 | 0 | 22 | 00 | 4 | 5 | 3 | 5 | 5 | 0 | 0 | 9 | 0 |
| Lumding | 0830 | 149 | 1003.8 | 987.2 | .. | 28.0 | 25.8 | 24.9 | 31.5 | 83 | + 1 | 6.6 | .. | 1.5 | 0 | 0 | 13 | 00 | 1 | 6 | 1 | 2 | 1 | 1 | 1 | 18 | 0 |
| | 1730 | 149 | 999.6 | 983.2 | .. | 31.0 | 26.5 | 24.5 | 30.7 | 69 | .. | 5.7 | .. | 2.0 | 0 | 0 | 17 | 03 | 0 | 2 | 1 | 7 | 2 | 1 | 1 | 14 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1003.7 | 962.7 | -0.5 | 25.5 | 24.5 | 24.0 | 29.8 | 91 | + 2 | 7.7 | +0.6 | 2.8 | 0 | 0 | 25 | 02 | 1 | 7 | 7 | 6 | 2 | 0 | 0 | 6 | 0 |
| | 1730 | 370 | 1000.5 | 959.7 | -0.2 | 26.9 | 25.0 | 24.1 | 30.0 | 86 | - 1 | 7.3 | +0.0 | 4.4 | 0 | 0 | 30 | 01 | 1 | 1 | 5 | 8 | 7 | 6 | 1 | 1 | 0 |
| Haflong | 0830 | 682 | 1005.6 | 930.7 | +1.7 | 23.3 | 22.1 | 21.5 | 25.6 | 90 | + 2 | 6.8 | +0.6 | 2.6 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 4 | 23 | 0 | 0 | 4 | 0 |
| | 1730 | 682 | 999.9 | 925.7 | +0.0 | 24.9 | 22.9 | 21.9 | 26.3 | 85 | + 3 | 5.7 | -0.1 | 2.3 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 0 | 25 | 0 | 0 | 5 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1002.2 | 991.3 | .. | 24.7 | 24.3 | 24.1 | 30.0 | 96 | .. | 7.7 | .. | 4.6 | 0 | 0 | 26 | 00 | 4 | 18 | 0 | 0 | 0 | 4 | 0 | 5 | 0 |
| | 0830 | 97 | 1003.3 | 992.5 | +0.4 | 26.4 | 25.1 | 24.5 | 30.7 | 90 | + 3 | 7.4 | +0.6 | 4.8 | 0 | 0 | 24 | 01 | 1 | 15 | 3 | 1 | 0 | 2 | 1 | 7 | 0 |
| | 1130 | 97 | 1002.2 | 991.4 | .. | 28.9 | 25.9 | 24.6 | 30.9 | 78 | .. | 7.0 | .. | 7.0 | 0 | 0 | 31 | 00 | 2 | 3 | 3 | 5 | 6 | 10 | 1 | 0 | 1 |
| | 1730 | 97 | 999.6 | 988.9 | +0.5 | 28.1 | 25.9 | 25.0 | 31.7 | 83 | + 2 | 6.8 | +0.8 | 5.1 | 0 | 0 | 23 | 00 | 0 | 3 | 1 | 2 | 7 | 10 | 0 | 8 | 0 |
| Silchar | 0830 | 29 | 1006.0 | 1002.7 | +1.6 | 27.2 | 25.8 | 25.2 | 32.1 | 88 | + 2 | 7.1 | +0.4 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 29 | 1002.4 | 999.2 | +2.0 | 28.9 | 26.5 | 25.5 | 32.6 | 81 | + 0 | 6.2 | +0.1 | 0.5 | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 2 | 3 | 0 | 1 | 24 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1003.8 | 918.6 | .. | 22.6 | 21.9 | 21.5 | 25.6 | 94 | .. | 7.3 | .. | 2.1 | 0 | 0 | 8 | 00 | 0 | 5 | 1 | 1 | 0 | 0 | 1 | 23 | 0 |
| | 0830 | 781 | 1004.4 | 919.7 | -0.1 | 24.8 | 22.6 | 21.6 | 25.8 | 82 | + 0 | 7.2 | +0.4 | 5.2 | 0 | 0 | 17 | 01 | 1 | 2 | 5 | 6 | 1 | 0 | 1 | 14 | 0 |
| | 1130 | 781 | 1002.8 | 918.8 | .. | 26.8 | 23.2 | 21.6 | 25.8 | 73 | .. | 6.9 | .. | 7.0 | 0 | 0 | 22 | 00 | 1 | 0 | 2 | 5 | 5 | 4 | 5 | 9 | 0 |
| | 1430 | 781 | 999.9 | 916.4 | .. | 27.7 | 23.7 | 21.9 | 26.3 | 71 | .. | 6.4 | .. | 7.3 | 0 | 0 | 21 | 04 | 0 | 1 | 4 | 2 | 2 | 0 | 8 | 10 | 0 |
| | 1730 | 781 | 1000.4 | 916.4 | +1.6 | 25.8 | 23.1 | 21.9 | 26.3 | 80 | + 1 | 6.6 | +0.3 | 10.9 | 0 | 2 | 26 | 01 | 1 | 1 | 4 | 6 | 2 | 1 | 12 | 3 | 0 |
| | 2030 | 781 | 1003.4 | 918.7 | .. | 24.2 | 22.7 | 22.1 | 26.6 | 88 | .. | 6.5 | .. | 5.0 | 0 | 1 | 14 | 00 | 2 | 1 | 0 | 3 | 0 | 1 | 8 | 16 | 0 |
| | 2330 | 781 | 1003.8 | 918.8 | .. | 23.5 | 22.5 | 22.1 | 26.6 | 91 | .. | 7.1 | .. | 3.0 | 0 | 0 | 10 | 00 | 0 | 2 | 3 | 2 | 0 | 0 | 3 | 21 | 0 |
| Kailashahar | 0530 | 30 | 1003.6 | 1000.3 | .. | 25.4 | 24.9 | 24.6 | 30.9 | 96 | .. | 7.0 | .. | 4.3 | 0 | 0 | 28 | 01 | 0 | 2 | 1 | 6 | 16 | 0 | 1 | 3 | 1 |
| | 0830 | 30 | 1004.8 | 1001.5 | +0.5 | 27.9 | 26.2 | 25.5 | 32.6 | 87 | + 4 | 7.1 | +0.3 | 7.2 | 0 | 0 | 31 | 02 | 0 | 1 | 0 | 10 | 17 | 1 | 0 | 0 | 0 |
| | 1130 | 30 | 1003.8 | 1000.6 | .. | 30.3 | 27.5 | 26.4 | 34.4 | 80 | .. | 7.0 | .. | 6.3 | 0 | 0 | 31 | 00 | 1 | 0 | 4 | 9 | 13 | 2 | 2 | 0 | 0 |
| | 1730 | 30 | 1001.4 | 998.2 | +0.8 | 28.0 | 26.5 | 25.8 | 33.2 | 88 | + 4 | 7.1 | +0.3 | 5.0 | 0 | 0 | 28 | 02 | 0 | 3 | 1 | 4 | 13 | 1 | 4 | 3 | 0 |
| Agartala | 0230 | 16 | 1001.5 | 999.7 | .. | 25.6 | 25.1 | 24.9 | 31.5 | 96 | .. | 6.5 | .. | 9.8 | 0 | 1 | 26 | 00 | 0 | 0 | 17 | 9 | 0 | 1 | 0 | 4 | 0 |
| | 0530 | 16 | 1002.0 | 1000.2 | .. | 25.4 | 24.9 | 24.6 | 30.9 | 95 | .. | 7.2 | .. | 10.1 | 0 | 1 | 28 | 00 | 1 | 2 | 20 | 6 | 0 | 0 | 0 | 2 | 0 |
| | 0830 | 16 | 1003.3 | 1001.5 | +0.3 | 28.0 | 26.4 | 25.7 | 33.0 | 87 | + 3 | 7.1 | +0.2 | 12.7 | 0 | 1 | 30 | 00 | 0 | 2 | 18 | 11 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 16 | 1002.6 | 1000.8 | .. | 29.7 | 27.1 | 26.1 | 33.8 | 82 | .. | 6.8 | .. | 11.7 | 0 | 2 | 27 | 00 | 0 | 0 | 6 | 18 | 4 | 1 | 0 | 2 | 0 |
| | 1430 | 16 | 1000.4 | 998.6 | .. | 29.5 | 27.0 | 26.0 | 33.6 | 82 | .. | 6.8 | .. | 11.9 | 0 | 2 | 28 | 00 | 0 | 0 | 5 | 16 | 6 | 1 | 2 | 1 | 0 |
| | 1730 | 16 | 1000.3 | 998.5 | +0.6 | 28.2 | 26.3 | 25.5 | 32.6 | 86 | + 1 | 6.8 | -0.1 | 12.1 | 0 | 2 | 26 | 00 | 0 | 0 | 8 | 19 | 0 | 0 | 1 | 3 | 0 |
| | 2030 | 16 | 1002.6 | 1000.8 | .. | 26.4 | 25.6 | 25.3 | 32.2 | 93 | .. | 5.7 | .. | 8.7 | 0 | 0 | 27 | 00 | 0 | 0 | 16 | 11 | 0 | 0 | 0 | 4 | 0 |
| | 2330 | 16 | 1002.7 | 1000.9 | .. | 25.8 | 25.3 | 25.0 | 31.7 | 95 | .. | 6.2 | .. | 10.5 | 0 | 2 | 27 | 00 | 1 | 0 | 15 | 13 | 0 | 0 | 0 | 2 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1001.6 | 986.8 | .. | 24.8 | 24.2 | 23.9 | 29.7 | 94 | .. | 7.4 | .. | 4.1 | 0 | 0 | 16 | 01 | 13 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 0530 | 131 | 1001.7 | 986.9 | .. | 24.9 | 24.4 | 24.1 | 30.0 | 95 | .. | 7.5 | .. | 6.9 | 0 | 0 | 21 | 00 | 14 | 4 | 1 | 0 | 2 | 0 | 0 | 10 | 0 |
| | 0830 | 131 | 1003.1 | 988.4 | +0.6 | 26.9 | 25.4 | 24.7 | 31.1 | 89 | + 4 | 7.2 | +0.4 | 8.5 | 0 | 0 | 21 | 00 | 12 | 9 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1130 | 131 | 1002.5 | 987.9 | .. | 28.7 | 26.3 | 25.3 | 32.2 | 82 | .. | 7.1 | .. | 11.5 | 0 | 0 | 28 | 00 | 7 | 17 | 2 | 2 | 0 | 0 | 0 | 3 | 0 |
| | 1430 | 131 | 1000.0 | 985.5 | .. | 29.8 | 26.4 | 25.0 | 31.7 | 77 | .. | 6.5 | .. | 9.1 | 0 | 1 | 24 | 00 | 5 | 11 | 3 | 4 | 2 | 0 | 0 | 6 | 0 |
| | 1730 | 131 | 999.7 | 985.1 | +0.3 | 28.5 | 26.4 | 25.5 | 32.6 | 84 | + 4 | 6.4 | +0.1 | 9.2 | 0 | 0 | 26 | 03 | 9 | 7 | 3 | 3 | 0 | 0 | 1 | 5 | 0 |
| | 2030 | 131 | 1002.0 | 987.3 | .. | 26.7 | 25.4 | 24.9 | 31.5 | 90 | .. | 6.2 | .. | 5.5 | 0 | 0 | 18 | 01 | 10 | 6 | 0 | 1 | 0 | 0 | 0 | 13 | 0 |
| | 2330 | 131 | 1002.6 | 987.9 | .. | 25.7 | 24.9 | 24.5 | 30.7 | 93 | .. | 6.9 | .. | 4.9 | 0 | 0 | 18 | 02 | 12 | 3 | 0 | 1 | 0 | 0 | 0 | 13 | 0 |
| Jalpaiguri | 0830 | 83 | 1002.7 | 993.4 | -0.3 | 25.5 | 24.8 | 24.5 | 30.7 | 94 | + 7 | 6.8[a] | +1.4 | 5.1[a] | 0 | 0 | 27 | 05 | 11 | 7 | 1 | 1 | 1 | 1 | 0 | 3 | 0 |
| | 1730 | 83 | 999.1 | 989.9 | -0.4 | 28.5 | 26.3 | 25.4 | 32.4 | 83 | + 2 | 4.9[a] | -0.4 | 4.1[a] | 0 | 0 | 23 | 02 | 4 | 7 | 7 | 1 | 1 | 0 | 1 | 7 | 0 |
| Cooch Behar | 0830 | 43 | 1003.3 | 998.5 | +0.8 | 26.9 | 25.8 | 25.3 | 32.2 | 91 | + 7 | 7.3 | +0.7 | 7.2 | 0 | 2 | 22 | 00 | 3 | 13 | 1 | 6 | 0 | 0 | 1 | 7 | 0 |
| | 1130 | 43 | 1002.6 | 997.8 | .. | 28.6 | 26.4 | 25.5 | 32.6 | 84 | .. | 7.0 | .. | 8.5 | 0 | 0 | 27 | 02 | 2 | 14 | 2 | 4 | 1 | 1 | 1 | 4 | 0 |
| | 1730 | 43 | 999.9 | 995.1 | +0.7 | 28.4 | 26.5 | 25.7 | 33.0 | 86 | + 5 | 6.4 | +0.6 | 5.3 | 0 | 0 | 21 | 00 | 2 | 9 | 4 | 4 | 0 | 2 | 0 | 10 | 0 |
| Balurghat | 0830 | 26 | 1002.1 | 999.2 | .. | 28.6 | 26.8 | 26.1 | 33.8 | 87 | .. | 6.3 | .. | 3.2 | 0 | 0 | 30 | 00 | 0 | 7 | 12 | 6 | 4 | 1 | 0 | 1 | 0 |
| | 1730 | 26 | 998.8 | 995.9 | .. | 29.2 | 27.0 | 26.1 | 33.8 | 84 | .. | 6.0 | .. | 2.6 | 0 | 0 | 27 | 00 | 0 | 8 | 11 | 4 | 3 | 0 | 1 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| SUB-HIMALAYAN WEST BENGAL (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malda | 0830 | 31 | 1002.3 | 998.7 | +0.1 | 28.8 | 26.8 | 26.0 | 33.6 | 85 | + 1 | 6.5 | -0.2 | 1.7 | 0 | 0 | 19 | 01 | 1 | 4 | 3 | 7 | 1 | 2 | 0 | 12 | 0 |
| | 1730 | 31 | 998.9 | 995.4 | +0.0 | 30.1 | 27.1 | 25.9 | 33.4 | 79 | - 2 | 5.9 | -0.4 | 2.1 | 0 | 0 | 19 | 00 | 1 | 8 | 5 | 2 | 1 | 1 | 1 | 12 | 0 |
| GANGETIC WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1002.0 | 999.9 | +0.2 | 28.4 | 27.0 | 26.4 | 34.4 | 90 | + 6 | 7.7 | +0.8 | 2.9 | 0 | 0 | 26 | 00 | 0 | 7 | 1 | 14 | 3 | 1 | 0 | 5 | 0 |
| | 1730 | 19 | 998.7 | 996.6 | +0.0 | 28.9 | 27.2 | 26.5 | 34.6 | 88 | + 6 | 7.5 | +1.2 | 1.9 | 0 | 0 | 19 | 00 | 0 | 6 | 2 | 11 | 0 | 0 | 0 | 12 | 0 |
| Suri | 0830 | | .. | .. | .. | 28.6 | 26.7 | 25.9 | 33.4 | 85 | + 1 | 6.7 | +0.0 | 4.1 | 0 | 0 | 31 | 04 | 0 | 8 | 1 | 16 | 2 | 0 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1000.3 | 986.1 | .. | 26.6 | 25.5 | 25.1 | 31.9 | 91 | .. | 5.3 | .. | 2.8 | 0 | 0 | 18 | 00 | 1 | 0 | 6 | 7 | 3 | 0 | 1 | 13 | 0 |
| | 0530 | 126 | 1000.6 | 986.5 | .. | 26.3 | 25.4 | 25.1 | 31.9 | 92 | .. | 7.1 | .. | 3.0 | 0 | 0 | 19 | 00 | 1 | 2 | 6 | 7 | 2 | 1 | 0 | 12 | 0 |
| | 0830 | 126 | 1001.9 | 987.9 | +0.6 | 29.1 | 26.5 | 25.4 | 32.4 | 80 | - 6 | 6.5 | -0.5 | 5.0 | 0 | 0 | 26 | 00 | 2 | 3 | 6 | 3 | 8 | 3 | 1 | 5 | 0 |
| | 1130 | 126 | 1001.3 | 987.4 | .. | 31.2 | 27.1 | 25.5 | 32.6 | 72 | .. | 6.6 | .. | 6.1 | 0 | 0 | 31 | 01 | 0 | 6 | 5 | 8 | 4 | 4 | 3 | 0 | 0 |
| | 1430 | 126 | 999.1 | 985.3 | .. | 31.5 | 27.1 | 25.3 | 32.2 | 71 | .. | 6.7 | .. | 5.0 | 0 | 0 | 29 | 02 | 2 | 1 | 5 | 9 | 5 | 3 | 2 | 2 | 0 |
| | 1730 | 126 | 998.8 | 984.8 | +0.6 | 29.4 | 26.5 | 25.3 | 32.4 | 79 | - 4 | 7.3 | +0.3 | 4.5 | 0 | 0 | 25 | 01 | 1 | 3 | 5 | 7 | 2 | 3 | 3 | 6 | 0 |
| | 2030 | 126 | 1001.2 | 987.1 | .. | 27.7 | 26.1 | 25.4 | 32.4 | 87 | .. | 5.5 | .. | 2.1 | 0 | 0 | 13 | 00 | 0 | 1 | 1 | 5 | 3 | 3 | 0 | 18 | 0 |
| | 2330 | 126 | 1001.6 | 987.5 | .. | 27.1 | 25.8 | 25.3 | 32.2 | 90 | .. | 5.8 | .. | 3.9 | 0 | 0 | 21 | 00 | 2 | 1 | 8 | 7 | 3 | 0 | 0 | 10 | 0 |
| Shanti Niketan | 0830 | 59 | 1002.3 | 995.7 | .. | 28.3 | 26.9 | 26.3 | 34.2 | 89 | .. | 6.7 | .. | 4.1 | 0 | 0 | 26 | 01 | 0 | 1 | 6 | 11 | 5 | 2 | 0 | 5 | 0 |
| | 1130 | 59 | 1001.9 | 995.3 | .. | 30.8 | 27.7 | 26.5 | 34.6 | 79 | .. | 6.5 | .. | 4.3 | 0 | 0 | 26 | 00 | 0 | 2 | 7 | 13 | 4 | 0 | 0 | 5 | 0 |
| | 1730 | 59 | 999.3 | 992.6 | .. | 29.4 | 27.5 | 26.8 | 35.2 | 85 | .. | 7.1 | .. | 5.0 | 0 | 0 | 26 | 00 | 0 | 1 | 11 | 12 | 2 | 0 | 0 | 5 | 0 |
| Krishnanagar | 0830 | 15 | 1002.2 | 1000.6 | +0.2 | 29.2 | 27.5 | 26.9 | 35.4 | 87 | + 1 | 4.5 | -2.2 | 1.6 | 0 | 0 | 14 | 00 | 0 | 0 | 5 | 7 | 0 | 2 | 0 | 17 | 0 |
| | 1730 | 15 | 1000.2 | 998.6 | +1.2 | 29.3 | 27.0 | 26.1 | 33.8 | 83 | - 1 | 5.5 | -1.0 | 0.3 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 4 | 0 | 1 | 0 | 26 | 0 |
| Purulia | 0830 | 255 | 1002.2 | 974.0 | +0.5 | 27.8 | 25.7 | 24.7 | 31.1 | 83 | + 0 | 6.5 | -0.3 | 4.6 | 0 | 0 | 28 | 01 | 5 | 1 | 3 | 9 | 2 | 5 | 2 | 3 | 0 |
| | 1730 | 255 | 999.0 | 971.0 | +0.8 | 29.1 | 26.0 | 24.7 | 31.1 | 77 | - 2 | 7.2 | +0.0 | 4.8 | 0 | 0 | 30 | 00 | 2 | 0 | 19 | 1 | 3 | 3 | 2 | 1 | 0 |
| Bankura | 0830 | 100 | 1001.5 | 990.4 | .. | 28.7 | 27.1 | 26.5 | 34.6 | 88 | .. | 4.8 | .. | 1.5 | 0 | 0 | 20 | 00 | 1 | 0 | 4 | 1 | 10 | 1 | 0 | 11 | 3 |
| | 1730 | 100 | 998.6 | 987.6 | .. | 30.1 | 27.8 | 26.9 | 35.4 | 83 | .. | 5.6 | .. | 0.7 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 5 | 1 | 0 | 23 | 2 |
| Burdwan | 0830 | 32 | 1002.1 | 998.5 | +0.5 | 29.3 | 26.9 | 25.9 | 33.4 | 82 | - 3 | 3.8 | -1.5 | 4.1 | 0 | 0 | 25 | 00 | 1 | 3 | 3 | 10 | 4 | 4 | 0 | 6 | 0 |
| | 1730 | 32 | 998.9 | 995.3 | +0.4 | 30.0 | 26.9 | 25.7 | 33.0 | 78 | - 3 | 5.2 | -0.4 | 7.1 | 0 | 0 | 27 | 00 | 0 | 10 | 4 | 10 | 2 | 1 | 0 | 4 | 0 |
| Barsackpore Aerodrome | 0530 | 7 | 1001.6 | 1000.8 | .. | 26.9 | 26.3 | 26.1 | 33.8 | 95 | .. | 6.5 | .. | 2.1 | 0 | 0 | 10 | 00 | 0 | 4 | 0 | 5 | 1 | 0 | 0 | 21 | 0 |
| | 0830 | 7 | 1002.7 | 1002.0 | .. | 28.9 | 27.2 | 26.5 | 34.6 | 87 | .. | 6.5 | .. | 4.5 | 0 | 0 | 21 | 00 | 0 | 4 | 3 | 5 | 7 | 2 | 0 | 10 | 0 |
| | 1130 | 7 | 1002.6 | 1001.9 | .. | 30.7 | 27.9 | 26.8 | 35.2 | 80 | .. | 6.8 | .. | 6.6 | 0 | 0 | 26 | 00 | 1 | 6 | 2 | 6 | 7 | 3 | 1 | 5 | 0 |
| | 1730 | 7 | 1000.2 | 999.5 | .. | 29.1 | 26.7 | 25.7 | 33.0 | 83 | .. | 6.7 | .. | 5.6 | 0 | 0 | 23 | 00 | 0 | 3 | 1 | 11 | 5 | 2 | 1 | 8 | 0 |
| | 2330 | 7 | 1002.8 | 1002.0 | .. | 27.4 | 26.6 | 26.3 | 34.2 | 93 | .. | 5.9 | .. | 2.8 | 0 | 0 | 11 | 00 | 0 | 1 | 1 | 8 | 1 | 0 | 0 | 20 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1000.4 | 999.7 | .. | 27.3 | 26.4 | 26.1 | 33.8 | 93 | .. | 5.4 | .. | 4.2 | 0 | 0 | 23 | 00 | 0 | 2 | 7 | 10 | 4 | 0 | 0 | 8 | 0 |
| | 0530 | 6 | 1000.7 | 1000.1 | .. | 27.0 | 26.2 | 25.9 | 33.4 | 93 | .. | 7.0 | .. | 4.1 | 0 | 0 | 24 | 00 | 0 | 1 | 12 | 6 | 4 | 1 | 0 | 7 | 0 |
| | 0830 | 6 | 1002.1 | 1001.4 | +0.1 | 29.2 | 26.9 | 25.9 | 33.4 | 83 | + 1 | 7.0 | +0.1 | 6.9 | 0 | 0 | 28 | 00 | 0 | 1 | 9 | 8 | 7 | 3 | 0 | 3 | 0 |
| | 1130 | 6 | 1001.7 | 1001.0 | .. | 30.7 | 27.4 | 26.1 | 33.8 | 77 | .. | 7.3 | .. | 9.7 | 0 | 0 | 31 | 00 | 0 | 1 | 8 | 14 | 5 | 1 | 2 | 0 | 0 |
| | 1430 | 6 | 999.6 | 998.9 | .. | 30.4 | 27.2 | 25.9 | 33.4 | 78 | .. | 7.5 | .. | 9.4 | 0 | 0 | 30 | 00 | 0 | 1 | 11 | 12 | 3 | 1 | 2 | 1 | 0 |
| | 1730 | 6 | 999.3 | 998.6 | +0.3 | 29.2 | 26.8 | 25.8 | 33.2 | 82 | + 0 | 6.9 | +0.0 | 7.8 | 0 | 0 | 29 | 00 | 0 | 0 | 11 | 13 | 5 | 0 | 0 | 2 | 0 |
| | 2030 | 6 | 1001.6 | 1000.9 | .. | 28.1 | 26.7 | 26.1 | 33.8 | 89 | .. | 4.9 | .. | 5.6 | 0 | 0 | 26 | 00 | 1 | 0 | 10 | 11 | 4 | 0 | 0 | 5 | 0 |
| | 2330 | 6 | 1001.9 | 1001.2 | .. | 27.6 | 26.4 | 25.9 | 33.4 | 91 | .. | 4.8 | .. | 5.5 | 0 | 0 | 26 | 00 | 0 | 1 | 9 | 11 | 5 | 0 | 0 | 5 | 0 |
| Calcutta | 0830 | 6 | 1002.4 | 1001.7 | +0.6 | 29.7 | 27.5 | 26.6 | 34.8 | 84 | - 1 | 6.6 | -0.2 | 7.2 | 0 | 0 | 28 | 00 | 0 | 1 | 2 | 15 | 7 | 2 | 1 | 3 | 0 |
| | 1130 | 6 | 1001.8 | 1001.1 | .. | 31.1 | 28.2 | 27.1 | 35.9 | 79 | .. | 6.5 | .. | 8.8 | 0 | 2 | 28 | 01 | 0 | 1 | 3 | 12 | 9 | 1 | 3 | 1 | 0 |
| | 1730 | 6 | 999.4 | 998.7 | +0.6 | 29.6 | 27.8 | 27.1 | 35.9 | 87 | + 4 | 6.7 | -0.1 | 7.6 | 0 | 0 | 29 | 00 | 0 | 1 | 8 | 15 | 5 | 0 | 0 | 2 | 0 |
| Midnapore | 0830 | 45 | 1002.1 | 997.1 | +0.7 | 28.8 | 26.8 | 26.0 | 33.0 | 85 | + 0 | 4.3 | -2.2 | 1.5 | 0 | 0 | 20 | 00 | 0 | 0 | 1 | 7 | 9 | 3 | 0 | 11 | 0 |
| | 1730 | 45 | 999.1 | 994.0 | +0.6 | 28.8 | 26.5 | 25.5 | 32.6 | 83 | + 0 | 6.3 | -0.4 | 2.1 | 0 | 0 | 22 | 00 | 0 | 0 | 3 | 11 | 8 | 0 | 0 | 9 | 0 |
| Contai | 0830 | 11 | 1002.3 | 1001.1 | +1.2 | 29.0 | 27.1 | 26.3 | 34.2 | 86 | + 1 | 4.9 | -1.0 | 5.6 | 0 | 0 | 25 | 00 | 0 | 0 | 1 | 14 | 8 | 1 | 1 | 6 | 0 |
| | 1730 | 11 | 999.7 | 998.5 | +0.9 | 29.6 | 27.5 | 26.7 | 35.0 | 84 | - 1 | 3.6 | -2.1 | 8.6 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 22 | 8 | 0 | 0 | 1 | 0 |
| Sagar Island | 0830 | 3 | 1002.1 | 1001.9 | +0.8 | 28.9 | 27.2 | 26.5 | 34.6 | 87 | + 4 | 6.3 | -0.1 | 15.6 | 0 | 13 | 15 | 01 | 0 | 1 | 4 | 9 | 10 | 3 | 0 | 3 | 0 |
| | 1730 | 3 | 999.5 | 999.1 | +0.5 | 29.5 | 27.4 | 26.5 | 34.6 | 84 | + 0 | 6.1 | -0.2 | 20.3 | 0 | 16 | 14 | 00 | 0 | 1 | 9 | 14 | 6 | 0 | 0 | 1 | 0 |
| Sandheads | 0530 | 10 | 1000.7 | 999.7 | .. | 28.5 | 26.9 | 26.3 | 34.2 | 87 | .. | 6.7 | .. | 19.5 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 | 0 |
| | 0830 | 10 | 1002.3 | 1001.2 | +0.7 | 29.1 | 27.3 | 26.6 | 34.8 | 86 | + 2 | 6.7 | +0.6 | 17.5 | 0 | 9 | 22 | 00 | 0 | 0 | 1 | 1 | 28 | 1 | 0 | 0 | 0 |
| | 1130 | 10 | 1002.1 | 1001.0 | .. | 29.7 | 27.4 | 26.6 | 34.8 | 82 | .. | 6.5 | .. | 15.3 | 0 | 6 | 25 | 00 | 0 | 0 | 1 | 3 | 27 | 0 | 0 | 0 | 0 |
| | 1730 | 10 | 999.9 | 998.8 | +0.8 | 29.5 | 27.4 | 26.5 | 34.6 | 84 | - 1 | 6.6 | +0.6 | 17.2 | 0 | 9 | 22 | 00 | 0 | 0 | 1 | 4 | 26 | 0 | 0 | 0 | 0 |
| | 2330 | 10 | 1001.9 | 1000.8 | .. | 28.8 | 27.2 | 26.6 | 34.8 | 87 | .. | 1.2 | .. | 16.5 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 5 | 26 | 0 | 0 | 0 | 0 |
| ORISSA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1003.0 | 996.9 | +1.3 | 28.7 | 26.7 | 25.9 | 33.4 | 84 | - 1 | 5.7 | -1.0 | 2.1 | 0 | 0 | 21 | 01 | 2 | 0 | 2 | 6 | 7 | 1 | 1 | 10 | 1 |
| | 1730 | 54 | 1000.3 | 994.2 | +1.3 | 28.7 | 26.7 | 25.9 | 33.4 | 85 | + 2 | 6.3 | -0.1 | 1.0 | 0 | 0 | 12 | 01 | 0 | 0 | 2 | 4 | 3 | 2 | 0 | 19 | 0 |
| Jharsuguda | 0230 | 230 | 1000.7 | 975.0 | .. | 25.9 | 25.1 | 24.7 | 31.1 | 93 | .. | 6.5 | .. | 4.8 | 0 | 0 | 18 | 00 | 0 | 0 | 1 | 7 | 8 | 2 | 0 | 13 | 0 |
| | 0530 | 230 | 1000.9 | 975.2 | .. | 25.4 | 24.8 | 24.5 | 30.7 | 95 | .. | 7.4 | .. | 4.2 | 0 | 0 | 16 | 00 | 1 | 0 | 0 | 6 | 7 | 2 | 0 | 15 | 0 |
| | 0830 | 230 | 1002.3 | 976.7 | +0.8 | 27.1 | 25.4 | 24.7 | 31.1 | 87 | + 0 | 7.1 | +0.0 | 7.8 | 0 | 0 | 23 | 00 | 0 | 0 | 1 | 3 | 8 | 11 | 0 | 8 | 0 |
| | 1130 | 230 | 1001.9 | 976.5 | .. | 29.1 | 25.9 | 24.5 | 30.7 | 77 | .. | 6.9 | .. | 9.3 | 0 | 1 | 27 | 01 | 0 | 0 | 0 | 5 | 9 | 12 | 1 | 3 | 0 |
| | 1430 | 230 | 999.3 | 974.1 | .. | 30.3 | 26.2 | 24.5 | 30.7 | 72 | .. | 6.7 | .. | 12.3 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 3 | 8 | 14 | 6 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 1730 | 230 | 999.0 | 973.6 | +0.6 | 28.7 | 25.8 | 24.5 | 30.7 | 79 | - 3 | 7.3 | +0.0 | 10.7 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 6 | 9 | 12 | 1 | 2 | 0 |
| | 2030 | 230 | 1001.2 | 975.7 | .. | 27.2 | 25.7 | 25.1 | 31.9 | 88 | .. | 6.9 | .. | 5.7 | 0 | 0 | 20 | 00 | 0 | 0 | 2 | 10 | 6 | 2 | 0 | 11 | 0 |
| | 2330 | 230 | 1001.9 | 976.3 | .. | 26.4 | 25.2 | 24.7 | 31.1 | 91 | .. | 6.7 | .. | 5.5 | 0 | 0 | 19 | 00 | 0 | 0 | 1 | 8 | 7 | 3 | 0 | 12 | 0 |
| Keonjhargarh | 0830 | 463 | 1002.3 | 951.5 | +0.6 | 26.3 | 24.0 | 22.9 | 27.9 | 81 | - 2 | 4.5 | -2.1 | 1.9 | 0 | 0 | 28 | 04 | 0 | 1 | 0 | 5 | 2 | 14 | 2 | 3 | 0 |
| | 1730 | 463 | 998.4 | 947.8 | -0.7 | 27.7 | 24.7 | 23.3 | 28.6 | 78 | - 3 | 5.3 | -2.2 | 1.9 | 0 | 0 | 29 | 02 | 0 | 0 | 2 | 3 | 12 | 7 | 3 | 2 | 0 |
| Balasore | 0830 | 20 | 1002.3 | 1000.1 | +0.8 | 28.9 | 26.6 | 25.7 | 33.0 | 81 | - 4 | 6.7 | -0.8 | 5.3 | 0 | 0 | 28 | 02 | 1 | 0 | 1 | 8 | 16 | 0 | 0 | 3 | 0 |
| | 1730 | 20 | 999.5 | 997.3 | +0.8 | 29.4 | 26.8 | 25.7 | 33.0 | 81 | - 3 | 6.7 | -0.8 | 5.7 | 0 | 0 | 31 | 01 | 0 | 1 | 4 | 14 | 9 | 1 | 1 | 0 | 0 |
| Sambalpur | 0830 | 148 | 1002.1 | 985.6 | +0.2 | 27.6 | 25.8 | 25.0 | 31.7 | 85 | - 1 | 5.1 | -2.0 | 3.1 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 1 | 18 | 4 | 0 | 8 | 0 |
| | 1730 | 148 | 999.9 | 983.4 | +1.0 | 28.1 | 26.0 | 25.1 | 31.9 | 84 | + 1 | 6.0 | -1.3 | 1.3 | 0 | 0 | 17 | 01 | 0 | 0 | 0 | 4 | 9 | 2 | 1 | 14 | 0 |
| Angul | 0830 | 139 | 1002.8 | 987.3 | +0.8 | 28.6 | 25.7 | 24.5 | 30.7 | 79 | - 4 | 7.1 | +0.4 | 2.8 | 0 | 0 | 25 | 03 | 0 | 1 | 0 | 1 | 1 | 14 | 5 | 6 | 0 |
| | 1730 | 139 | 999.9 | 984.5 | +1.0 | 29.0 | 26.2 | 25.0 | 31.7 | 79 | - 1 | 7.5 | +0.4 | 2.5 | 0 | 0 | 21 | 00 | 0 | 3 | 1 | 4 | 4 | 6 | 3 | 10 | 0 |
| Chandbali | 0830 | 6 | 1002.9 | 1002.2 | +0.9 | 29.1 | 27.0 | 26.1 | 33.8 | 85 | + 1 | 6.5 | +0.7 | 4.7 | 0 | 0 | 29 | 00 | 0 | 0 | 2 | 7 | 9 | 5 | 6 | 2 | 0 |
| | 1730 | 6 | 999.8 | 999.2 | +0.7 | 29.8 | 27.2 | 26.2 | 34.0 | 81 | - 2 | 6.5 | +0.6 | 5.5 | 0 | 1 | 26 | 00 | 1 | 2 | 7 | 8 | 6 | 2 | 1 | 4 | 0 |
| Bolangir | 0830 | 190 | 1002.7 | 981.4 | +1.3 | 27.5 | 25.7 | 24.9 | 31.5 | 86 | + 2 | 7.4 | +0.5 | 4.8 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 21 | 7 | 1 | 0 | 0 | 0 |
| | 1730 | 190 | 999.8 | 978.7 | +1.0 | 28.8 | 26.4 | 25.4 | 32.4 | 81 | + 1 | 7.5 | +0.1 | 4.6 | 0 | 0 | 29 | 04 | 1 | 1 | 0 | 14 | 5 | 2 | 2 | 2 | 0 |
| Phulbani | 0830 | 464 | 1000.9 | 950.1 | .. | 26.3 | 24.1 | 23.2 | 28.4 | 82 | .. | 5.6 | .. | 0.8 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 0 | 4 | 7 | 0 | 20 | 0 |
| | 1730 | 464 | 998.0 | 947.5 | .. | 27.1 | 24.4 | 23.3 | 28.6 | 80 | .. | 5.5 | .. | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 28 | 0 |
| Cuttack | 0830 | 27 | 1003.4 | 1000.5 | +1.4 | 28.8 | 26.6 | 25.7 | 33.0 | 84 | + 1 | 6.4 | +0.0 | 5.4 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 3 | 13 | 10 | 1 | 4 | 0 |
| | 1730 | 27 | 1000.5 | 997.5 | +1.3 | 30.0 | 26.8 | 25.5 | 32.6 | 78 | - 3 | 6.5 | -0.3 | 6.4 | 0 | 0 | 27 | 00 | 1 | 0 | 0 | 5 | 16 | 2 | 3 | 4 | 0 |
| Titilagarh | 0830 | 211 | 1001.8 | 978.3 | -0.2 | 27.1 | 25.3 | 24.5 | 30.7 | 86 | + 2 | 4.7 | -1.3 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 0 | 29 | 0 | 0 | 0 | 0 |
| | 1730 | 211 | 1001.3 | 978.0 | +2.4 | 28.9 | 25.9 | 24.6 | 30.9 | 78 | - 1 | 5.1 | -0.8 | 2.0 | 0 | 0 | 31 | 00 | 2 | 0 | 2 | 0 | 23 | 1 | 3 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1001.3 | 996.1 | .. | 26.8 | 25.9 | 25.5 | 32.6 | 93 | .. | 5.4 | .. | 5.4 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 5 | 20 | 0 | 0 | 6 | 0 |
| | 0530 | 46 | 1001.4 | 996.2 | .. | 26.5 | 25.8 | 25.6 | 32.8 | 95 | .. | 6.1 | .. | 4.7 | 0 | 1 | 20 | 00 | 1 | 0 | 0 | 4 | 12 | 4 | 0 | 10 | 0 |
| | 0830 | 46 | 1002.9 | 997.7 | +1.5 | 28.7 | 26.7 | 25.9 | 33.4 | 85 | - 1 | 6.4 | -0.4 | 7.3 | 0 | 2 | 23 | 01 | 1 | 0 | 0 | 0 | 15 | 7 | 1 | 6 | 0 |
| | 1130 | 46 | 1002.5 | 997.4 | .. | 30.7 | 27.0 | 25.5 | 32.6 | 74 | .. | 6.5 | .. | 9.7 | 0 | 2 | 27 | 02 | 1 | 0 | 0 | 5 | 14 | 5 | 2 | 2 | 0 |
| | 1430 | 46 | 1000.3 | 995.2 | .. | 30.8 | 26.8 | 25.1 | 31.9 | 73 | .. | 7.1 | .. | 13.7 | 0 | 9 | 22 | 00 | 1 | 0 | 0 | 9 | 13 | 6 | 2 | 0 | 0 |
| | 1730 | 46 | 1000.1 | 995.0 | +1.3 | 29.0 | 26.6 | 25.6 | 32.8 | 82 | - 1 | 7.1 | +0.1 | 11.5 | 0 | 4 | 26 | 00 | 1 | 1 | 0 | 8 | 12 | 3 | 5 | 1 | 0 |
| | 2030 | 46 | 1002.4 | 997.2 | .. | 27.8 | 26.2 | 25.5 | 32.6 | 89 | .. | 5.9 | .. | 9.5 | 0 | 3 | 27 | 00 | 1 | 0 | 0 | 2 | 21 | 2 | 4 | 1 | 0 |
| | 2330 | 46 | 1002.6 | 997.5 | .. | 27.3 | 26.2 | 25.7 | 33.0 | 91 | .. | 5.5 | .. | 7.7 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 5 | 21 | 1 | 1 | 2 | 0 |
| Puri | 0830 | 6 | 1002.7 | 1002.0 | +0.5 | 29.8 | 27.6 | 26.7 | 35.0 | 85 | + 3 | 6.5 | +0.3 | 8.8 | 0 | 3 | 24 | 00 | 0 | 0 | 0 | 5 | 21 | 1 | 0 | 4 | 0 |
| | 1730 | 6 | 1000.4 | 999.7 | +0.9 | 29.5 | 27.3 | 26.4 | 34.4 | 83 | + 0 | 6.8 | +0.5 | 12.5 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 | 0 |
| Gopalpur | 0530 | 17 | 1001.7 | 999.8 | .. | 26.9 | 25.9 | 25.5 | 32.6 | 92 | .. | 6.7 | .. | 7.0 | 0 | 4 | 16 | 01 | 1 | 0 | 0 | 2 | 13 | 2 | 1 | 11 | 0 |
| | 0830 | 17 | 1003.3 | 1001.4 | +0.9 | 28.7 | 26.7 | 25.9 | 33.4 | 85 | + 4 | 6.4 | +0.2 | 10.0 | 0 | 7 | 18 | 02 | 1 | 1 | 1 | 5 | 12 | 2 | 1 | 6 | 0 |
| | 1130 | 17 | 1003.1 | 1001.2 | .. | 30.6 | 27.1 | 25.7 | 33.0 | 76 | .. | 6.5 | .. | 14.6 | 0 | 6 | 25 | 02 | 1 | 0 | 2 | 5 | 17 | 3 | 1 | 0 | 0 |
| | 1730 | 17 | 1000.6 | 998.7 | +1.0 | 29.1 | 26.8 | 25.9 | 33.4 | 83 | - 2 | 7.0 | +0.5 | 17.2 | 0 | 12 | 19 | 00 | 1 | 0 | 1 | 5 | 20 | 2 | 2 | 0 | 0 |
| | 2330 | 17 | 1003.0 | 1001.1 | .. | 27.6 | 26.1 | 25.5 | 32.6 | 88 | .. | 5.9 | .. | 9.8 | 0 | 7 | 17 | 01 | 1 | 0 | 0 | 3 | 17 | 2 | 0 | 7 | 0 |
| Koraput | 0830 | 913 | 1457.7 | 905.2 | +0.9 | 22.0 | 21.0 | 20.5 | 24.1 | 91 | + 0 | 7.3 | +0.4 | 6.6 | 0 | 0 | 31 | 00 | 0 | 1 | 3 | 4 | 23 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1435.4 | 902.7 | +0.5 | 23.5 | 21.7 | 20.8 | 24.6 | 85 | - 2 | 7.8 | +0.6 | 7.5 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 1 | 29 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1002.1 | 985.5 | +0.6 | 28.6 | 26.4 | 25.5 | 32.6 | 83 | + 0 | 5.5 | +0.3 | 3.7 | 0 | 0 | 21 | 00 | 2 | 7 | 3 | 0 | 6 | 2 | 1 | 10 | 0 |
| | 1730 | 149 | 998.7 | 982.2 | +0.3 | 29.4 | 26.6 | 25.4 | 32.4 | 80 | - 2 | 5.3 | -0.1 | 3.3 | 0 | 0 | 19 | 02 | 3 | 3 | 8 | 1 | 1 | 1 | 0 | 12 | 0 |
| Daltonganj | 0830 | 221 | 1001.4 | 976.9 | +0.4 | 28.9 | 26.2 | 25.1 | 31.9 | 80 | - 2 | 5.8 | -0.6 | 1.6 | 0 | 0 | 21 | 01 | 1 | 0 | 1 | 3 | 7 | 8 | 0 | 10 | 0 |
| | 1730 | 221 | 997.9 | 973.6 | +0.3 | 29.9 | 26.4 | 24.9 | 31.5 | 75 | - 6 | 5.8 | -1.1 | 2.5 | 0 | 0 | 22 | 00 | 2 | 0 | 8 | 0 | 9 | 0 | 3 | 9 | 0 |
| Hazaribagh | 0830 | 611 | 1001.5 | 934.8 | +0.3 | 25.5 | 23.8 | 23.1 | 28.3 | 87 | + 1 | 6.9 | +0.2 | 6.4 | 0 | 0 | 26 | 00 | 2 | 2 | 1 | 7 | 5 | 3 | 6 | 5 | 0 |
| | 1730 | 611 | 998.5 | 932.3 | +0.5 | 26.6 | 24.1 | 23.1 | 28.3 | 82 | - 3 | 7.2 | +0.5 | 5.3 | 0 | 0 | 24 | 01 | 2 | 1 | 5 | 5 | 2 | 2 | 6 | 7 | 0 |
| Dhanbad | 0830 | 257 | 1001.3 | 972.7 | -0.3 | 27.3 | 25.7 | 25.0 | 31.7 | 87 | + 2 | 4.2 | -2.4 | 1.9 | 0 | 0 | 15 | 00 | 3 | 0 | 4 | 2 | 2 | 2 | 0 | 16 | 2 |
| | 1730 | 257 | 998.3 | 969.9 | .. | 29.0 | 25.9 | 24.5 | 30.7 | 78 | .. | 4.3 | .. | 0.8 | 0 | 0 | 8 | 02 | 0 | 3 | 0 | 2 | 1 | 0 | 0 | 23 | 0 |
| Ranchi | 0830 | 655 | 1001.6 | 930.4 | +0.9 | 25.7 | 23.7 | 22.8 | 27.7 | 85 | - 1 | 7.1 | +0.2 | 1.6 | 0 | 0 | 25 | 01 | 2 | 1 | 3 | 3 | 3 | 3 | 9 | 6 | 0 |
| | 1730 | 655 | 998.9 | 928.1 | -0.8 | 27.0 | 24.2 | 23.0 | 28.1 | 79 | - 6 | 6.7 | -0.3 | 1.2 | 0 | 0 | 18 | 02 | 1 | 1 | 2 | 1 | 2 | 2 | 7 | 13 | 0 |
| Ranchi Aerodrome | 0530 | 652 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | 652 | 1001.3 | 930.3 | +0.5 | 25.6 | 23.7 | 22.9 | 27.9 | 86 | + 0 | 6.7 | -0.4 | 9.0 | 0 | 3 | 19 | 00 | 1 | 1 | 2 | 5 | 6 | 5 | 2 | 9 | 0 |
| | 1130 | 652 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1430 | 652 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 652 | 998.2 | 927.8 | +0.6 | 26.7 | 24.1 | 23.0 | 28.1 | 81 | - 1 | 6.9 | +0.0 | 8.8 | 0 | 0 | 22 | 00 | 1 | 0 | 4 | 7 | 4 | 3 | 3 | 9 | 0 |
| | 2030 | 652 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur | 0830 | 129 | 1001.4 | 987.0 | +0.0 | 28.5 | 26.2 | 25.3 | 32.2 | 83 | + 0 | 6.2 | -0.7 | 2.2 | 0 | 0 | 20 | 00 | 0 | 0 | 1 | 1 | 6 | 10 | 2 | 11 | 0 |
| | 1730 | 129 | 998.7 | 984.4 | +0.7 | 29.9 | 26.7 | 25.4 | 32.4 | 77 | - 2 | 7.0 | -0.1 | 1.7 | 0 | 0 | 19 | 00 | 0 | 8 | 5 | 3 | 1 | 1 | 1 | 12 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1000.4 | 984.6 | .. | 26.4 | 25.5 | 25.1 | 31.9 | 93 | .. | 6.8 | .. | 1.0 | 0 | 0 | 7 | 00 | 0 | 2 | 0 | 1 | 2 | 0 | 2 | 24 | 0 |
| | 0830 | 142 | 1001.9 | 986.1 | +1.0 | 28.5 | 26.2 | 25.3 | 32.2 | 83 | + 0 | 6.3 | -0.8 | 4.7 | 0 | 0 | 28 | 00 | 0 | 1 | 1 | 3 | 10 | 9 | 4 | 3 | 0 |
| | 1130 | 142 | 1001.3 | 985.6 | .. | 30.0 | 26.6 | 25.2 | 32.1 | 76 | .. | 6.5 | .. | 5.3 | 0 | 0 | 29 | 04 | 1 | 1 | 0 | 2 | 10 | 6 | 5 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or at in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 30 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 1430 | 142 | 998.8 | 983.2 | .. | 30.4 | 26.8 | 25.3 | 32.2 | 75 | .. | 6.9 | .. | 5.2 | 0 | 0 | 29 | 01 | 2 | 5 | 1 | 7 | 4 | 4 | 5 | 2 | 0 |
| | 1730 | 142 | 998.7 | 983.0 | +0.9 | 29.4 | 26.6 | 25.4 | 32.4 | 80 | + 1 | 7.3 | -0.1 | 4.2 | 0 | 0 | 23 | 00 | 1 | 6 | 4 | 3 | 7 | 1 | 1 | 8 | 0 |
| | 2030 | 142 | 1001.0 | 985.2 | .. | 27.7 | 26.2 | 25.5 | 32.6 | 88 | .. | 6.1 | .. | 3.0 | 0 | 0 | 18 | 00 | 1 | 10 | 0 | 2 | 3 | 0 | 2 | 13 | 0 |
| | 2330 | 142 | 1001.5 | 985.7 | .. | 27.2 | 26.1 | 25.7 | 33.0 | 91 | .. | 5.7 | .. | 2.7 | 0 | 0 | 16 | 01 | 2 | 3 | 2 | 2 | 4 | 2 | 0 | 15 | 0 |
| Chaibasa | 0830 | 226 | 1002.0 | 976.8 | +0.6 | 28.0 | 25.6 | 24.6 | 30.9 | 82 | - 2 | 7.0 | -0.3 | 2.3 | 0 | 0 | 17 | 00 | 1 | 0 | 0 | 0 | 14 | 2 | 0 | 14 | 0 |
| | 1730 | 226 | 998.9 | 973.9 | +0.8 | 29.0 | 25.9 | 24.5 | 30.7 | 78 | - 4 | 7.8 | +0.3 | 1.8 | 0 | 0 | 21 | 00 | 0 | 0 | 5 | 0 | 13 | 1 | 2 | 10 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1001.5 | 994.1 | +0.2 | 28.3 | 26.7 | 26.1 | 33.8 | 88 | + 6 | 6.8 | +0.5 | 5.2 | 0 | 0 | 31 | 00 | 10 | 12 | 2 | 3 | 2 | 1 | 1 | 0 | 0 |
| | 1730 | 66 | 998.7 | 991.3 | +0.7 | 29.5 | 27.4 | 26.5 | 34.6 | 85 | + 5 | 4.8 | -0.8 | 3.8 | 0 | 0 | 25 | 00 | 5 | 5 | 5 | 1 | 4 | 2 | 3 | 6 | 0 |
| Forbesganj | 0830 | 61 | 1002.1 | 995.2 | +0.2 | 27.2 | 25.9 | 25.3 | 32.2 | 90 | + 4 | 7.2 | +0.6 | 2.7 | 0 | 0 | 29 | 00 | 3 | 20 | 4 | 0 | 0 | 2 | 0 | 2 | 0 |
| | 1730 | 61 | 998.8 | 992.0 | +0.3 | 29.6 | 26.8 | 25.7 | 33.0 | 80 | + 2 | 5.9 | +0.2 | 1.7 | 0 | 0 | 18 | 00 | 0 | 12 | 4 | 0 | 0 | 2 | 0 | 13 | 0 |
| Darbhanga | 0830 | 49 | 1003.2 | 997.7 | +1.5 | 29.8 | 27.2 | 26.2 | 34.0 | 82 | - 2 | 6.0 | -0.5 | 3.3 | 0 | 0 | 18 | 00 | 2 | 14 | 1 | 1 | 0 | 0 | 0 | 13 | 0 |
| | 1730 | 49 | 999.9 | 994.4 | +1.5 | 30.1 | 27.1 | 25.9 | 33.4 | 78 | - 1 | 4.9 | -0.4 | 2.2 | 0 | 0 | 19 | 02 | 3 | 10 | 2 | 2 | 0 | 0 | 0 | 12 | 0 |
| Muzaffarpur | 0830 | | .. | .. | .. | 28.5 | 27.1 | 26.5 | 34.6 | 89 | .. | 6.1[k] | .. | 4.3[k] | 0 | 0 | 14 | 00 | 0 | 5 | 3 | 1 | 3 | 2 | 0 | 6 | 0 |
| | 1730 | | .. | .. | .. | 30.3 | 27.9 | 27.0 | 35.7 | 83 | .. | 6.1[j] | .. | 3.7[j] | 0 | 0 | 17 | 00 | 2 | 3 | 3 | 0 | 5 | 4 | 0 | 4 | 0 |
| Chapra | 0830 | 58 | 1000.8 | 994.3 | .. | 29.0 | 27.1 | 26.3 | 34.2 | 86 | .. | 6.3 | .. | 2.8 | 0 | 0 | 29 | 00 | 7 | 0 | 11 | 1 | 6 | 2 | 2 | 2 | 0 |
| | 1730 | 58 | 998.5 | 992.2 | .. | 30.3 | 27.6 | 26.5 | 34.6 | 81 | .. | 5.5 | .. | 1.5 | 0 | 0 | 17 | 00 | 7 | 0 | 2 | 0 | 5 | 3 | 0 | 14 | 0 |
| Purnea | 0830 | 38 | 1002.0 | 997.8 | -0.1 | 28.2 | 27.0 | 26.5 | 34.6 | 91 | + 6 | 6.6 | +0.2 | 1.8 | 0 | 0 | 22 | 00 | 1 | 18 | 0 | 0 | 2 | 1 | 0 | 9 | 0 |
| | 1730 | 38 | 998.9 | 994.7 | +0.2 | 29.1 | 27.4 | 26.7 | 35.0 | 87 | + 5 | 6.0 | +0.4 | 1.7 | 0 | 0 | 21 | 03 | 1 | 13 | 1 | 1 | 0 | 2 | 0 | 10 | 0 |
| Patna | 0830 | 53 | 1001.3 | 995.4 | +0.0 | 28.4 | 26.6 | 25.9 | 33.4 | 86 | + 3 | 6.0 | -0.6 | 7.3 | 0 | 0 | 30 | 00 | 10 | 5 | 2 | 3 | 3 | 6 | 1 | 1 | 0 |
| | 1730 | 53 | 998.3 | 992.4 | +0.2 | 30.1 | 26.9 | 25.6 | 32.8 | 77 | - 1 | 5.9 | -0.4 | 5.7 | 0 | 0 | 27 | 00 | 8 | 6 | 0 | 1 | 2 | 9 | 1 | 4 | 0 |
| Patna Aerodrome | 0530 | 60 | 999.3 | 992.6 | .. | 27.0 | 26.2 | 25.9 | 33.4 | 93 | .. | 6.5 | .. | 5.4 | 0 | 0 | 22 | 00 | 1 | 9 | 4 | 1 | 5 | 2 | 0 | 9 | 0 |
| | 0830 | 60 | 998.9 | 992.2 | -1.7 | 28.8 | 26.7 | 25.9 | 33.4 | 85 | + 0 | 6.6 | +0.1 | 9.1 | 0 | 0 | 29 | 00 | 6 | 8 | 3 | 1 | 6 | 4 | 1 | 2 | 0 |
| | 1130 | 60 | 1000.5 | 993.9 | .. | 31.0 | 27.4 | 26.0 | 33.6 | 75 | .. | 6.6 | .. | 9.4 | 0 | 1 | 27 | 01 | 3 | 9 | 3 | 1 | 4 | 5 | 2 | 3 | 0 |
| | 1430 | 60 | 998.1 | 991.5 | .. | 31.5 | 27.4 | 25.7 | 33.0 | 72 | .. | 6.8 | .. | 8.6 | 0 | 1 | 27 | 01 | 3 | 10 | 2 | 0 | 4 | 7 | 1 | 3 | 0 |
| | 1730 | 60 | 997.7 | 991.0 | +0.4 | 29.9 | 26.9 | 25.7 | 33.0 | 79 | + 1 | 6.7 | +0.4 | 7.8 | 0 | 1 | 26 | 00 | 2 | 13 | 0 | 1 | 2 | 7 | 2 | 4 | 0 |
| | 2030 | 60 | 999.8 | 993.1 | .. | 28.4 | 26.7 | 26.1 | 33.8 | 87 | .. | 5.7 | .. | 4.6 | 0 | 0 | 21 | 00 | 2 | 9 | 2 | 2 | 3 | 1 | 2 | 10 | 0 |
| | 2330 | 60 | 1000.3 | 993.5 | .. | 27.8 | 26.6 | 26.1 | 33.8 | 91 | .. | 5.8 | .. | 6.3 | 0 | 0 | 26 | 00 | 5 | 11 | 3 | 0 | 6 | 1 | 0 | 5 | 0 |
| Bhagalpur | 0530 | 49 | 1000.5 | 995.0 | .. | 27.1 | 26.2 | 25.9 | 33.4 | 93 | .. | 7.0 | .. | 3.6 | 0 | 0 | 26 | 00 | 0 | 6 | 13 | 2 | 5 | 0 | 0 | 5 | 0 |
| | 0830 | 49 | 1001.9 | 996.4 | +0.2 | 29.3 | 27.1 | 26.2 | 34.0 | 83 | - 1 | 6.6 | +0.1 | 5.2 | 0 | 1 | 29 | 00 | 0 | 6 | 14 | 3 | 5 | 2 | 0 | 1 | 0 |
| | 1130 | 49 | 1001.6 | 996.2 | .. | 30.9 | 27.5 | 26.1 | 33.8 | 76 | .. | 6.8 | .. | 5.7 | 0 | 1 | 28 | 00 | 4 | 8 | 6 | 2 | 2 | 4 | 3 | 2 | 0 |
| | 1730 | 49 | 998.8 | 993.3 | +0.4 | 30.1 | 27.2 | 26.1 | 33.8 | 79 | - 1 | 6.8 | +0.5 | 4.4 | 0 | 0 | 29 | 00 | 3 | 10 | 9 | 2 | 1 | 2 | 2 | 2 | 0 |
| | 2330 | 49 | 1001.5 | 996.0 | .. | 27.8 | 26.6 | 26.1 | 33.8 | 90 | .. | 5.5 | .. | 3.0 | 0 | 0 | 25 | 00 | 0 | 4 | 10 | 7 | 3 | 1 | 0 | 6 | 0 |
| Sabaur | 0830 | 37 | 1001.9 | 997.7 | +0.5 | 28.6 | 27.2 | 26.6 | 34.8 | 89 | + 3 | 6.7 | -0.1 | 7.2 | 0 | 0 | 30 | 00 | 1 | 9 | 9 | 2 | 6 | 1 | 2 | 1 | 0 |
| | 1730 | 37 | 998.7 | 994.5 | +0.4 | 29.9 | 27.8 | 26.9 | 35.4 | 85 | + 1 | 6.8 | +0.1 | 6.2 | 0 | 0 | 27 | 01 | 2 | 11 | 5 | 3 | 0 | 2 | 3 | 4 | 0 |
| Jamui | 0830 | 82 | 1000.1 | 991.0 | -0.7 | 29.7 | 28.2 | 27.7 | 37.1 | 89 | + 5 | 6.1 | -0.4 | 8.6 | 0 | 1 | 30 | 03 | 1 | 7 | 7 | 2 | 1 | 4 | 6 | 0 | 0 |
| | 1730 | 82 | 997.5 | 988.3 | -0.4 | 30.2 | 27.4 | 26.3 | 34.2 | 80 | - 1 | 6.1 | -0.4 | 7.3 | 0 | 0 | 31 | 01 | 8 | 6 | 1 | 1 | 1 | 7 | 6 | 0 | 0 |
| Dehri | 0830 | 107 | 1000.7 | 988.7 | +0.2 | 28.9 | 26.8 | 25.9 | 33.4 | 85 | - 1 | 6.6 | +0.4 | 3.1 | 0 | 0 | 31 | 01 | 3 | 1 | 9 | 5 | 6 | 4 | 2 | 0 | 0 |
| | 1730 | 107 | 997.3 | 985.4 | -0.1 | 30.2 | 27.2 | 26.0 | 33.6 | 78 | - 1 | 7.0 | +0.4 | 2.9 | 0 | 0 | 30 | 00 | 3 | 7 | 0 | 1 | 3 | 13 | 3 | 1 | 0 |
| Gaya | 0230 | 116 | 1000.0 | 987.0 | .. | 26.9 | 26.2 | 25.9 | 33.4 | 94 | .. | 6.1 | .. | 6.5 | 0 | 3 | 23 | 00 | 2 | 5 | 4 | 4 | 8 | 1 | 2 | 5 | 0 |
| | 0530 | 116 | 999.9 | 986.8 | .. | 26.5 | 25.9 | 25.6 | 32.8 | 95 | .. | 6.4 | .. | 5.3 | 0 | 0 | 26 | 01 | 2 | 8 | 1 | 3 | 9 | 1 | 1 | 5 | 0 |
| | 0830 | 116 | 1001.4 | 988.5 | +0.5 | 28.4 | 26.5 | 25.7 | 33.0 | 86 | + 5 | 6.6 | +0.4 | 9.0 | 0 | 0 | 30 | 00 | 1 | 7 | 2 | 7 | 12 | 1 | 0 | 1 | 0 |
| | 1130 | 116 | 1001.2 | 988.4 | .. | 30.8 | 27.1 | 25.5 | 32.6 | 73 | .. | 6.5 | .. | 10.6 | 0 | 3 | 27 | 00 | 0 | 7 | 4 | 1 | 6 | 8 | 4 | 1 | 0 |
| | 1430 | 116 | 998.9 | 986.1 | .. | 31.7 | 27.2 | 25.3 | 32.2 | 71 | .. | 6.6 | .. | 10.8 | 0 | 4 | 24 | 01 | 6 | 7 | 0 | 0 | 5 | 5 | 4 | 3 | 0 |
| | 1730 | 116 | 998.2 | 985.3 | +0.5 | 30.2 | 27.1 | 25.9 | 33.4 | 78 | + 2 | 7.0 | +0.4 | 9.3 | 0 | 1 | 27 | 02 | 3 | 4 | 4 | 2 | 7 | 4 | 2 | 3 | 0 |
| | 2030 | 116 | 1000.3 | 987.4 | .. | 28.3 | 26.7 | 26.1 | 33.8 | 88 | .. | 6.5 | .. | 5.9 | 0 | 0 | 25 | 00 | 1 | 7 | 3 | 3 | 7 | 4 | 0 | 6 | 0 |
| | 2330 | 116 | 1001.0 | 988.1 | .. | 27.5 | 26.5 | 26.1 | 33.8 | 92 | .. | 6.0 | .. | 5.8 | 0 | 1 | 23 | 00 | 1 | 6 | 6 | 3 | 6 | 1 | 1 | 7 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1000.8 | 987.0 | -0.1 | 27.9 | 26.9 | 25.2 | 32.1 | 83 | + 0 | 6.9 | +0.9 | 9.9 | 0 | 2 | 23 | 00 | 1 | 3 | 16 | 0 | 4 | 1 | 0 | 6 | 0 |
| | 1730 | 124 | 997.4 | 983.7 | -0.5 | 30.7 | 27.3 | 25.9 | 33.4 | 76 | - 1 | 6.8 | +0.9 | 5.3 | 0 | 1 | 16 | 00 | 0 | 0 | 9 | 0 | 5 | 3 | 0 | 14 | 0 |
| Nautanwa | 0830 | 99 | 1000.3 | 989.2 | -0.8 | 28.2 | 26.3 | 25.5 | 32.6 | 86 | + 2 | 6.0 | +0.7 | .. | . | .. | .. | 00 | 3 | 15 | 5 | 0 | 3 | 0 | 2 | 3 | 0 |
| | 1730 | 99 | 997.5 | 986.5 | -1.0 | 29.8 | 27.0 | 25.9 | 33.4 | 80 | + 2 | 5.9 | +1.1 | .. | . | .. | .. | 02 | 3 | 14 | 3 | 1 | 3 | 0 | 2 | 3 | 0 |
| Hardoi | 0830 | 142 | 1000.1 | 984.3 | -0.3 | 28.3 | 26.0 | 25.1 | 31.9 | 84 | - 3 | 5.4 | +0.0 | 4.8 | 0 | 0 | 31 | 01 | 1 | 14 | 1 | 2 | 4 | 7 | 1 | 0 | 0 |
| | 1730 | 142 | 997.3 | 981.6 | -0.1 | 30.3 | 26.9 | 25.5 | 32.6 | 77 | - 1 | 4.9 | -0.1 | 2.8 | 0 | 0 | 26 | 02 | 1 | 8 | 4 | 0 | 3 | 8 | 0 | 5 | 0 |
| Gonda | 0830 | 110 | 1000.9 | 988.6 | -0.4 | 28.3 | 26.4 | 25.6 | 32.3 | 87 | + 2 | 6.7 | +0.7 | 2.9 | 0 | 0 | 22 | 00 | 0 | 16 | 0 | 0 | 0 | 2 | 4 | 9 | 0 |
| | 1730 | 110 | 997.9 | 985.7 | +0.5 | 30.3 | 27.4 | 26.1 | 33.8 | 79 | - 1 | 5.1 | -0.6 | 1.4 | 0 | 0 | 13 | 00 | 0 | 6 | 0 | 0 | 0 | 6 | 1 | 18 | 0 |
| Lucknow | 0830 | 111 | 999.2 | 986.5 | -1.9 | 28.1 | 26.4 | 25.6 | 32.8 | 87 | + 2 | 5.7 | -0.3 | 0.9 | 0 | 0 | 10 | 00 | 0 | 6 | 0 | 0 | 0 | 4 | 0 | 21 | 0 |
| | 1730 | 111 | 996.9 | 984.6 | -0.7 | 30.4 | 26.8 | 25.2 | 32.1 | 75 | - 4 | 5.8 | +0.3 | 0.6 | 0 | 0 | 8 | 00 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 25 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) | 0230 | 128 | 998.7 | 984.4 | .. | 26.8 | 25.7 | 25.2 | 32.1 | 92 | .. | 5.7 | .. | 0.6 | 0 | 2 | 21 | 01 | 2 | 6 | 1 | 0 | 9 | 3 | 1 | 8 | 0 |
| | 0530 | 128 | 998.7 | 984.4 | .. | 26.3 | 25.3 | 24.9 | 31.5 | 92 | .. | 6.2 | .. | 5.7 | 0 | 0 | 23 | 01 | 2 | 5 | 2 | 0 | 9 | 4 | 0 | 8 | 0 |
| | 0830 | 128 | 1000.2 | 986.0 | +0.1 | 28.1 | 25.9 | 24.9 | 31.5 | 84 | - 3 | 6.6 | +0.2 | 10.7 | 0 | 2 | 27 | 00 | 2 | 5 | 7 | 2 | 4 | 8 | 1 | 2 | 0 |
| | 1130 | 128 | 1000.2 | 986.1 | .. | 30.4 | 26.5 | 24.8 | 31.3 | 73 | .. | 6.2 | .. | 12.7 | 0 | 6 | 24 | 01 | 1 | 6 | 7 | 2 | 3 | 6 | 4 | 1 | 0 |
| | 1430 | 128 | 998.1 | 984.1 | .. | 31.0 | 26.9 | 25.1 | 31.9 | 72 | .. | 6.4 | .. | 10.0 | 0 | 5 | 23 | 00 | 1 | 8 | 3 | 3 | 3 | 6 | 4 | 3 | 0 |
| | 1730 | 128 | 997.2 | 983.1 | +0.1 | 30.4 | 26.7 | 25.1 | 31.9 | 75 | - 5 | 6.1 | -0.2 | 7.8 | 0 | 3 | 25 | 00 | 3 | 7 | 2 | 2 | 2 | 10 | 2 | 3 | 0 |
| | 2030 | 128 | 999.2 | 985.0 | .. | 28.1 | 26.3 | 25.5 | 32.6 | 86 | .. | 5.7 | .. | 3.8 | 0 | 0 | 19 | 01 | 0 | 5 | 3 | 0 | 9 | 1 | 0 | 12 | 0 |
| | 2330 | 128 | 999.8 | 985.6 | .. | 27.2 | 25.9 | 25.3 | 32.2 | 90 | .. | 5.4 | .. | 5.3 | 0 | 0 | 20 | 00 | 2 | 3 | 2 | 2 | 7 | 2 | 2 | 11 | 0 |
| Faizabad | 0830 | 102 | 1000.2 | 988.8 | +0.1 | 27.8 | 26.5 | 25.9 | 33.4 | 88 | + 0 | 6.8 | +0.1 | 3.9 | 0 | 0 | 24 | 00 | 0 | 7 | 8 | 0 | 2 | 7 | 0 | 7 | 0 |
| | 1730 | 102 | 997.5 | 986.3 | +0.4 | 30.3 | 27.4 | 26.3 | 34.2 | 80 | - 1 | 6.3 | +0.0 | 2.6 | 0 | 0 | 24 | 00 | 1 | 4 | 8 | 2 | 4 | 4 | 1 | 7 | 0 |
| Gorakhpur | 0830 | 77 | 1001.1 | 992.7 | -2.5 | 28.7 | 26.7 | 25.6 | 32.8 | 84 | + 0 | 7.3 | +1.4 | 3.0 | 0 | 0 | 29 | 00 | 0 | 20 | 0 | 3 | 3 | 3 | 0 | 2 | 0 |
| | 1730 | 77 | 997.8 | 989.3 | +0.0 | 31.2 | 27.2 | 25.7 | 33.0 | 73 | - 6 | 5.5 | +0.0 | 2.2 | 0 | 0 | 26 | 02 | 0 | 11 | 1 | 4 | 4 | 4 | 0 | 5 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 999.1 | 990.3 | .. | 27.5 | 26.0 | 25.4 | 32.4 | 89 | .. | 6.9 | .. | 5.4 | 0 | 1 | 22 | 00 | 5 | 5 | 5 | 1 | 6 | 1 | 0 | 8 | 0 |
| | 0530 | 78 | 999.3 | 990.6 | .. | 27.2 | 25.9 | 25.3 | 32.2 | 90 | .. | 6.5 | .. | 5.4 | 0 | 0 | 27 | 01 | 4 | 10 | 6 | 1 | 1 | 3 | 1 | 4 | 0 |
| | 1130 | 78 | 1000.6 | 991.9 | .. | 29.8 | 27.0 | 26.0 | 33.6 | 81 | .. | 6.9 | .. | 6.7 | 0 | 0 | 29 | 00 | 1 | 12 | 6 | 5 | 4 | 1 | 0 | 2 | 0 |
| | 1430 | 78 | 998.3 | 989.6 | .. | 30.2 | 27.1 | 26.1 | 33.8 | 80 | .. | 6.7 | .. | 6.1 | 0 | 0 | 28 | 01 | 1 | 11 | 5 | 4 | 3 | 3 | 0 | 3 | 0 |
| | 2030 | 78 | 999.5 | 990.8 | .. | 28.9 | 27.0 | 26.3 | 34.2 | 86 | .. | 5.7 | .. | 5.0 | 0 | 0 | 27 | 04 | 4 | 6 | 5 | 2 | 6 | 0 | 0 | 4 | 0 |
| | 2330 | 78 | 1000.1 | 991.4 | .. | 28.2 | 26.4 | 25.8 | 33.2 | 87 | .. | 6.2 | .. | 5.1 | 0 | 0 | 24 | 01 | 4 | 6 | 5 | 2 | 6 | 0 | 0 | 7 | 0 |
| Kanpur | 0830 | 126 | 1000.5 | 986.0 | -0.7 | 27.5 | 26.1 | 25.5 | 32.6 | 92 | + 6 | 5.9 | +0.2 | 10.1 | 0 | 0 | 29 | 01 | 0 | 8 | 4 | 0 | 0 | 15 | 1 | 2 | 0 |
| Kanpur (Aerodrome) | 1730 | 126 | 997.7 | 983.9 | +0.5 | 29.9 | 27.3 | 26.3 | 34.2 | 80 | + 1 | 6.2 | +0.5 | 8.2 | 0 | 0 | 26 | 01 | 2 | 6 | 2 | 1 | 0 | 11 | 3 | 5 | 0 |
| | 0530 | 126 | 999.1 | 984.9 | .. | 26.3 | 25.4 | 24.7 | 31.1 | 91 | .. | 6.0 | .. | 9.0 | 0 | 0 | 30 | 00 | 1 | 4 | 4 | 2 | 8 | 10 | 1 | 1 | 0 |
| | 0830 | 126 | 1000.4 | 986.4 | .. | 28.0 | 26.2 | 25.6 | 32.8 | 87 | .. | 5.8 | .. | 12.6 | 0 | 1 | 29 | 01 | 0 | 4 | 6 | 2 | 3 | 13 | 1 | 1 | 0 |
| | 1130 | 126 | 1000.4 | 986.5 | .. | 30.6 | 26.9 | 25.4 | 32.4 | 75 | .. | 5.7 | .. | 13.7 | 0 | 4 | 26 | 01 | 1 | 5 | 7 | 1 | 2 | 9 | 4 | 1 | 0 |
| | 1730 | 126 | 997.5 | 983.7 | .. | 30.0 | 26.9 | 25.5 | 32.6 | 79 | .. | 6.0 | .. | 9.8 | 0 | 1 | 28 | 03 | 3 | 4 | 2 | 1 | 1 | 10 | 5 | 2 | 0 |
| | 2330 | 126 | 1000.0 | 985.9 | .. | 27.1 | 26.1 | 25.9 | 33.4 | 91 | .. | 5.2 | .. | 7.2 | 0 | 0 | 22 | 01 | 1 | 2 | 3 | 2 | 7 | 5 | 0 | 9 | 1 |
| Sultanpur | 0830 | 97 | 1001.1 | 990.3 | +0.9 | 28.1 | 26.3 | 25.5 | 32.6 | 85 | - 2 | 6.0 | -0.5 | 1.9 | 0 | 0 | 21 | 00 | 0 | 8 | 4 | 1 | 4 | 4 | 0 | 10 | 0 |
| | 1730 | 97 | 997.5 | 986.8 | +0.4 | 30.3 | 27.4 | 26.3 | 34.2 | 81 | - 2 | 5.8 | -0.5 | 1.0 | 0 | 0 | 14 | 00 | 0 | 7 | 0 | 1 | 2 | 4 | 0 | 17 | 0 |
| Azamgarh | 0830 | 78 | 1001.0 | 992.3 | +0.6 | 28.4 | 26.8 | 26.2 | 34.0 | 88 | + 1 | 6.1 | +0.6 | 3.4 | 0 | 0 | 23 | 00 | 0 | 11 | 0 | 1 | 2 | 9 | 0 | 8 | 0 |
| | 1730 | 78 | 997.8 | 989.2 | +0.6 | 30.1 | 27.8 | 26.9 | 35.4 | 84 | + 1 | 6.0 | +0.9 | 2.8 | 0 | 0 | 18 | 01 | 3 | 2 | 0 | 0 | 6 | 6 | 0 | 13 | 0 |
| Fatehpur | 0830 | 114 | 1000.7 | 987.9 | +0.0 | 28.0 | 26.4 | 25.8 | 33.2 | 88 | + 2 | 6.0 | +0.1 | 5.7 | 0 | 0 | 27 | 00 | 2 | 2 | 3 | 1 | 7 | 10 | 2 | 4 | 0 |
| | 1730 | 114 | 997.7 | 985.1 | +0.4 | 30.4 | 27.3 | 26.1 | 33.8 | 79 | - 2 | 6.1 | +0.2 | 4.9 | 0 | 0 | 26 | 01 | 2 | 3 | 1 | 0 | 6 | 8 | 5 | 5 | 0 |
| Ballia | 0830 | 64 | 1001.2 | 994.0 | +0.7 | 28.9 | 27.2 | 26.6 | 34.8 | 88 | + 0 | 6.8 | +0.8 | 2.4 | 0 | 0 | 23 | 00 | 2 | 12 | 0 | 0 | 2 | 7 | 0 | 8 | 0 |
| | 1730 | 64 | 998.6 | 991.5 | -0.1 | 30.1 | 27.3 | 26.0 | 33.6 | 79 | + 0 | 7.2 | +1.7 | 0.3 | 0 | 0 | 4 | 00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Banda | 0830 | 121 | 1001.4 | 987.9 | +0.8 | 28.2 | 26.0 | 25.0 | 31.7 | 83 | - 5 | 6.3 | +0.9 | 1.4 | 0 | 0 | 17 | 00 | 2 | 1 | 1 | 1 | 11 | 1 | 0 | 14 | 0 |
| | 1730 | 121 | 998.3 | 985.0 | +0.8 | 30.0 | 26.6 | 25.2 | 32.0 | 77 | - 5 | 4.5 | -0.5 | 1.1 | 0 | 0 | 16 | 00 | 2 | 0 | 0 | 0 | 13 | 0 | 1 | 15 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 999.3 | 988.4 | .. | 26.9 | 25.8 | 25.3 | 32.2 | 91 | .. | 5.5 | .. | 1.5 | 0 | 0 | 13 | 00 | 1 | 1 | 0 | 4 | 7 | 0 | 0 | 18 | 0 |
| | 0530 | 98 | 999.3 | 988.3 | .. | 26.5 | 25.5 | 25.1 | 31.9 | 92 | .. | 5.8 | .. | 2.2 | 0 | 1 | 16 | 00 | 2 | 0 | 1 | 7 | 6 | 1 | 0 | 14 | 0 |
| | 0830 | 98 | 1000.8 | 989.9 | +0.0 | 28.3 | 26.2 | 25.3 | 32.2 | 84 | - 1 | 6.4 | -0.4 | 4.1 | 0 | 0 | 24 | 00 | 1 | 2 | 2 | 6 | 11 | 2 | 0 | 7 | 0 |
| | 1130 | 98 | 1000.8 | 989.9 | .. | 31.1 | 27.1 | 25.4 | 32.4 | 73 | .. | 6.2 | .. | 6.3 | 0 | 0 | 27 | 02 | 2 | 2 | 0 | 1 | 12 | 7 | 1 | 4 | 0 |
| | 1430 | 98 | 998.6 | 987.8 | .. | 32.2 | 27.4 | 25.3 | 32.2 | 69 | .. | 6.1 | .. | 6.0 | 0 | 0 | 28 | 02 | 4 | 1 | 1 | 2 | 9 | 8 | 1 | 3 | 0 |
| | 1730 | 98 | 997.9 | 987.0 | +0.3 | 30.8 | 27.3 | 25.8 | 33.2 | 76 | - 2 | 6.2 | -0.6 | 3.0 | 0 | 0 | 26 | 01 | 3 | 3 | 0 | 1 | 9 | 7 | 2 | 5 | 0 |
| | 2030 | 98 | 999.8 | 988.9 | .. | 28.7 | 26.8 | 25.9 | 33.4 | 86 | .. | 5.7 | .. | 1.5 | 0 | 0 | 14 | 01 | 1 | 1 | 0 | 3 | 5 | 2 | 1 | 17 | 0 |
| | 2330 | 98 | 1000.4 | 989.5 | .. | 27.8 | 26.3 | 25.7 | 33.0 | 88 | .. | 5.3 | .. | 1.5 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 3 | 5 | 0 | 0 | 22 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1000.3 | 990.6 | .. | 26.6 | 25.7 | 25.4 | 32.4 | 94 | .. | 6.4 | .. | 5.8 | 0 | 1 | 17 | 00 | 0 | 5 | 0 | 1 | 11 | 1 | 0 | 13 | 0 |
| | 0830 | 85 | 1001.9 | 992.3 | +0.7 | 28.2 | 26.4 | 25.6 | 32.8 | 86 | + 1 | 6.8 | +0.4 | 8.7 | 0 | 0 | 27 | 00 | 1 | 8 | 0 | 4 | 8 | 6 | 0 | 4 | 0 |
| | 1130 | 85 | 1001.6 | 992.4 | .. | 30.6 | 27.2 | 25.8 | 33.2 | 76 | .. | 6.4 | .. | 8.7 | 0 | 1 | 24 | 00 | 3 | 3 | 1 | 2 | 6 | 9 | 1 | 6 | 0 |
| | 1730 | 85 | 998.8 | 989.2 | +0.8 | 30.2 | 27.1 | 25.9 | 33.4 | 79 | + 0 | 6.2 | -0.2 | 6.6 | 0 | 0 | 24 | 00 | 2 | 4 | 2 | 2 | 3 | 11 | 0 | 7 | 0 |
| | 2330 | 85 | 1001.3 | 991.6 | .. | 27.7 | 26.4 | 25.9 | 33.4 | 91 | .. | 5.9 | .. | 4.7 | 0 | 0 | 18 | 00 | 2 | 5 | 0 | 4 | 1 | 6 | 0 | 13 | 0 |
| Varanasi | 0830 | 76 | 1000.5 | 992.3 | +0.1 | 28.1 | 26.5 | 25.9 | 33.4 | 87 | + 2 | 6.2 | -0.2 | 2.8 | 0 | 0 | 24 | 00 | 5 | 1 | 1 | 1 | 2 | 12 | 2 | 7 | 0 |
| | 1730 | 76 | 997.3 | 989.1 | +0.0 | 31.1 | 27.6 | 26.3 | 34.2 | 79 | + 0 | 6.2 | -0.1 | 2.5 | 0 | 0 | 23 | 00 | 5 | 0 | 0 | 0 | 4 | 11 | 3 | 8 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 19.6 | 18.8 | 18.5 | 21.3 | 93 | + 3 | 7.6 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.1 | 18.5 | 18.1 | 20.8 | 93 | +10 | 7.2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | 770 | 1010.0 | 926.0 | .. | 25.1 | 23.5 | 22.9 | 27.9 | 88 | + 5 | 6.5 | +0.8 | 0.9 | 0 | 0 | 11 | 04 | 4 | 0 | 0 | 1 | 0 | 1 | 1 | 20 | 0 |
| | 1130 | 770 | 1008.9 | 925.9 | .. | 28.7 | 24.5 | 22.6 | 27.4 | 71 | .. | 5.7 | .. | 2.5 | 0 | 0 | 23 | 02 | 3 | 2 | 1 | 8 | 3 | 3 | 1 | 8 | 0 |
| | 1730 | 770 | 1006.3 | 923.5 | .. | 28.3 | 23.9 | 22.0 | 26.4 | 70 | + 7 | 5.9 | +0.4 | 2.5 | 0 | 0 | 20 | 01 | 2 | 1 | 3 | 5 | 7 | 1 | 0 | 11 | 0 |
| Dehra Dun | 0530 | 682 | 999.3 | 924.8 | .. | 23.7 | 23.0 | 22.7 | 27.6 | 94 | .. | 7.1 | .. | 0.5 | 0 | 0 | 5 | 01 | 2 | 0 | 1 | 0 | 0 | 1 | 0 | 26 | 0 |
| | 0830 | 682 | 1000.6 | 926.2 | -0.6 | 24.7 | 23.6 | 23.1 | 28.3 | 91 | + 4 | 6.3 | +0.1 | 1.1 | 0 | 0 | 15 | 07 | 0 | 2 | 1 | 1 | 4 | 0 | 0 | 16 | 0 |
| | 1130 | 682 | 1000.3 | 926.7 | .. | 27.6 | 24.6 | 23.5 | 28.9 | 77 | .. | 6.6 | .. | 1.7 | 0 | 0 | 15 | 01 | 0 | 0 | 5 | 2 | 4 | 2 | 1 | 16 | 0 |
| | 1730 | 682 | 997.9 | 924.3 | +0.1 | 26.8 | 24.6 | 23.7 | 29.3 | 84 | + 2 | 7.0 | +1.5 | 1.3 | 0 | 0 | 13 | 03 | 1 | 0 | 2 | 1 | 3 | 3 | 0 | 18 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, WEST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dehra Dun (Contd) | 2330 | 682 | 1000.2 | 925.9 | .. | 24.5 | 23.7 | 23.4 | 28.8 | 93 | .. | 6.1 | .. | 0.3 | 0 | 0 | 3 | 00 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 28 | 0 |
| Mansiari | 0830 | | .. | .. | .. | 17.6 | 16.6 | 16.0 | 18.2 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.3 | 17.2 | 16.7 | 19.0 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1000.3 | 970.2 | -0.2 | 27.0 | 24.9 | 24.0 | 29.8 | 84 | + 0 | 5.3 | -0.2 | 0.9 | 0 | 0 | 14 | 00 | 0 | 0 | 10 | 0 | 0 | 0 | 4 | 17 | 0 |
| | 1730 | 274 | 997.3 | 967.3 | +0.0 | 30.3 | 26.9 | 25.1 | 31.9 | 75 | + 2 | 4.5 | -0.5 | 1.0 | 0 | 0 | 15 | 00 | 1 | 0 | 9 | 0 | 0 | 0 | 5 | 16 | 0 |
| Najibabad | 0830 | 270 | 1000.7 | 971.0 | +0.1 | 27.4 | 25.2 | 24.2 | 30.2 | 83 | - 2 | 6.0 | +1.0 | 3.8 | 0 | 0 | 28 | 00 | 1 | 15 | 3 | 0 | 1 | 7 | 1 | 3 | 0 |
| | 1730 | 270 | 997.9 | 968.3 | -0.5 | 30.3 | 26.4 | 25.0 | 31.7 | 73 | - 1 | 6.2 | +2.4 | 3.8 | 0 | 0 | 29 | 01 | 2 | 11 | 1 | 0 | 0 | 13 | 1 | 2 | 0 |
| Meerut | 0830 | 222 | 1000.3 | 975.7 | -0.4 | 28.1 | 25.5 | 24.9 | 31.5 | 82 | - 1 | 2.6 | -1.6 | 3.7 | 0 | 0 | 22 | 00 | 1 | 8 | 1 | 0 | 0 | 9 | 3 | 9 | 0 |
| Bareilly | 0830 | 173 | 1000.4 | 981.1 | -0.3 | 28.4 | 26.2 | 25.2 | 32.1 | 83 | - 1 | 5.7 | -0.2 | 7.0 | 0 | 0 | 30 | 01 | 4 | 10 | 5 | 1 | 0 | 8 | 1 | 1 | 0 |
| | 1730 | 173 | 997.2 | 978.1 | -0.3 | 30.6 | 27.3 | 26.0 | 33.6 | 78 | + 2 | 6.0 | +0.1 | 3.5 | 0 | 0 | 28 | 02 | 2 | 6 | 3 | 2 | 3 | 9 | 1 | 3 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 998.6 | 979.3 | .. | 27.3 | 25.9 | 25.3 | 32.2 | 89 | .. | 4.5 | .. | 5.1 | 0 | 0 | 28 | 01 | 3 | 11 | 3 | 1 | 5 | 2 | 2 | 3 | 0 |
| | 0530 | 172 | 999.0 | 979.7 | .. | 27.1 | 25.7 | 25.1 | 31.9 | 89 | .. | 5.6 | .. | 4.1 | 0 | 0 | 27 | 01 | 3 | 11 | 3 | 0 | 1 | 8 | 0 | 4 | 0 |
| | 1130 | 172 | 1000.4 | 981.3 | .. | 30.8 | 27.0 | 25.8 | 33.2 | 76 | .. | 5.3 | .. | 9.0 | 0 | 2 | 27 | 01 | 0 | 11 | 5 | 0 | 2 | 2 | 8 | 2 | 0 |
| | 1430 | 172 | 998.3 | 979.3 | .. | 31.4 | 27.0 | 25.5 | 32.6 | 73 | .. | 5.3 | .. | 9.0 | 0 | 3 | 26 | 00 | 1 | 8 | 8 | 0 | 1 | 5 | 6 | 2 | 0 |
| | 2030 | 172 | 998.9 | 979.7 | .. | 29.0 | 26.6 | 25.9 | 33.4 | 84 | .. | 4.1 | .. | 4.0 | 0 | 0 | 22 | 00 | 5 | 8 | 2 | 0 | 0 | 5 | 2 | 9 | 0 |
| | 2330 | 172 | 999.6 | 980.4 | .. | 28.0 | 26.3 | 25.6 | 32.8 | 88 | .. | 4.5 | .. | 5.0 | 0 | 0 | 28 | 00 | 3 | 7 | 6 | 1 | 4 | 7 | 0 | 3 | 0 |
| Aligarh | 0830 | 187 | 1000.8 | 979.7 | +0.0 | 27.8 | 25.9 | 25.1 | 31.9 | 85 | + 2 | 6.0 | +0.6 | 8.5 | 0 | 0 | 30 | 02 | 0 | 9 | 4 | 1 | 7 | 6 | 1 | 1 | 0 |
| | 1730 | 187 | 998.0 | 977.1 | +0.2 | 30.6 | 26.6 | 24.7 | 31.1 | 73 | + 1 | 6.3 | +0.7 | 3.2 | 0 | 0 | 30 | 05 | 0 | 4 | 0 | 3 | 0 | 17 | 1 | 1 | 0 |
| Mainpuri | 0830 | 157 | 1000.3 | 982.8 | -0.3 | 27.7 | 25.9 | 25.2 | 31.9 | 87 | + 2 | 5.3 | -0.6 | 2.9 | 0 | 0 | 21 | 00 | 2 | 5 | 0 | 0 | 0 | 14 | 0 | 10 | 0 |
| | 1730 | 157 | 997.3 | 980.0 | -0.9 | 30.2 | 27.2 | 26.0 | 33.4 | 80 | + 4 | 5.2 | -0.2 | 2.4 | 0 | 0 | 17 | 00 | 1 | 6 | 0 | 0 | 0 | 10 | 0 | 14 | 0 |
| Agra | 0830 | 169 | 1000.5 | 981.7 | -0.2 | 28.0 | 25.2 | 24.0 | 29.8 | 80 | - 1 | 5.0 | -0.5 | 2.5 | 0 | 0 | 23 | 00 | 1 | 0 | 8 | 0 | 11 | 0 | 3 | 8 | 0 |
| | 1730 | 169 | 997.5 | 978.9 | +0.0 | 30.9 | 26.2 | 24.3 | 30.4 | 70 | - 5 | 6.1 | +0.4 | 4.1 | 0 | 0 | 20 | 00 | 2 | 0 | 2 | 1 | 11 | 0 | 4 | 11 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 999.0 | 980.1 | .. | 26.0 | 24.9 | 24.3 | 30.4 | 91 | .. | 5.1 | .. | 8.4 | 0 | 0 | 22 | 00 | 0 | 3 | 3 | 2 | 4 | 9 | 1 | 9 | 0 |
| | 0830 | 169 | 1000.5 | 981.8 | .. | 27.0 | 25.8 | 24.8 | 31.3 | 84 | .. | 5.6 | .. | 12.4 | 0 | 1 | 28 | 01 | 0 | 2 | 3 | 1 | 8 | 11 | 3 | 2 | 0 |
| | 1130 | 169 | 1000.5 | 982.0 | .. | 30.9 | 27.1 | 25.4 | 32.4 | 74 | .. | 5.6 | .. | 14.8 | 0 | 6 | 24 | 01 | 2 | 0 | 5 | 2 | 2 | 8 | 10 | 1 | 0 |
| | 1730 | 169 | 997.8 | 979.1 | .. | 30.6 | 26.7 | 25.1 | 31.9 | 74 | .. | 5.4 | .. | 10.0 | 0 | 0 | 27 | 03 | 2 | 1 | 2 | 0 | 4 | 10 | 5 | 4 | 0 |
| | 2330 | 169 | 999.9 | 981.1 | .. | 27.3 | 25.3 | 24.5 | 30.7 | 85 | .. | 4.8 | .. | 9.1 | 0 | 0 | 23 | 00 | 0 | 1 | 3 | 3 | 7 | 8 | 1 | 8 | 0 |
| Orai | 0830 | 141 | 1001.2 | 985.5 | -0.2 | 29.3 | 26.3 | 25.1 | 31.9 | 80 | - 8 | 5.1 | -0.4 | 2.7 | 0 | 0 | 30 | 04 | 8 | 0 | 1 | 0 | 0 | 0 | 17 | 1 | 0 |
| | 1730 | 141 | 998.0 | 982.3 | -0.3 | 30.3 | 26.8 | 25.3 | 32.2 | 76 | - 5 | 4.9 | -0.4 | 2.6 | 0 | 0 | 31 | 03 | 19 | 1 | 1 | 0 | 0 | 0 | 7 | 0 | 0 |
| Jhansi | 0830 | 251 | 1001.2 | 973.2 | +0.0 | 26.4 | 24.5 | 23.5 | 28.9 | 81 | - 3 | 5.7 | -0.2 | 2.5 | 0 | 0 | 25 | 06 | 1 | 4 | 0 | 0 | 0 | 13 | 1 | 6 | 0 |
| | 1730 | 251 | 997.8 | 970.1 | -0.2 | 30.0 | 25.7 | 23.6 | 29.1 | 71 | - 5 | 5.9 | -0.4 | 2.8 | 0 | 0 | 24 | 06 | 0 | 6 | 0 | 2 | 0 | 10 | 0 | 7 | 0 |
| PUNJAB (INCLUDING DELHI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 998.9 | 964.3 | .. | 26.1 | 24.3 | 23.5 | 28.9 | 83 | .. | 5.3 | .. | 4.4 | 0 | 1 | 13 | 01 | 4 | 4 | 1 | 0 | 4 | 0 | 0 | 17 | 0 |
| | 0830 | 312 | 1000.0 | 965.6 | -0.2 | 27.5 | 25.2 | 24.0 | 29.8 | 81 | - 1 | 5.4 | -0.3 | 3.2 | 0 | 0 | 18 | 02 | 6 | 2 | 4 | 2 | 2 | 0 | 0 | 13 | 0 |
| | 1130 | 312 | 1000.2 | 966.1 | .. | 30.5 | 26.1 | 24.2 | 30.2 | 70 | .. | 4.8 | .. | 6.6 | 0 | 0 | 23 | 01 | 1 | 2 | 3 | 11 | 3 | 2 | 0 | 8 | 0 |
| | 1730 | 312 | 997.5 | 963.4 | -0.6 | 31.2 | 26.1 | 23.8 | 29.5 | 66 | - 4 | 4.7 | +0.1 | 7.1 | 0 | 0 | 26 | 02 | 2 | 3 | 2 | 4 | 6 | 6 | 1 | 5 | 0 |
| | 2330 | 312 | 999.4 | 964.9 | .. | 27.5 | 25.2 | 24.1 | 30.0 | 83 | .. | 3.7 | .. | 1.8 | 0 | 0 | 8 | 01 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 998.5 | 972.4 | .. | 26.5 | 25.3 | 24.8 | 31.3 | 91 | .. | 3.9 | .. | 4.6 | 0 | 0 | 19 | 00 | 6 | 7 | 3 | 2 | 0 | 0 | 1 | 12 | 0 |
| | 0830 | 234 | 999.6 | 973.7 | -0.4 | 28.8 | 26.0 | 24.9 | 31.5 | 80 | - 2 | 3.6 | -0.4 | 5.5 | 0 | 0 | 21 | 01 | 3 | 7 | 6 | 2 | 2 | 0 | 0 | 10 | 0 |
| | 1130 | 234 | 1000.0 | 974.3 | .. | 31.8 | 26.5 | 24.3 | 30.4 | 65 | .. | 4.1 | .. | 7.4 | 0 | 2 | 22 | 00 | 2 | 7 | 7 | 3 | 1 | 2 | 2 | 7 | 0 |
| | 1430 | 234 | 998.7 | 973.1 | .. | 32.2 | 26.6 | 24.3 | 30.4 | 65 | .. | 4.8 | .. | 8.8 | 0 | 1 | 26 | 00 | 3 | 8 | 8 | 3 | 1 | 2 | 2 | 4 | 0 |
| | 1730 | 234 | 997.0 | 971.4 | +0.1 | 32.4 | 26.8 | 24.4 | 30.5 | 64 | - 1 | 4.0 | +0.4 | 6.3 | 0 | 1 | 21 | 01 | 3 | 7 | 5 | 3 | 1 | 1 | 1 | 9 | 0 |
| | 2030 | 234 | 997.9 | 972.1 | .. | 29.4 | 26.5 | 25.4 | 32.4 | 79 | .. | 3.5 | .. | 4.1 | 0 | 1 | 16 | 01 | 2 | 6 | 7 | 1 | 0 | 0 | 0 | 14 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 999.8 | 972.3 | .. | 28.2 | 26.0 | 25.1 | 31.9 | 84 | .. | 4.6 | .. | 5.6 | 0 | 0 | 20 | 01 | 1 | 4 | 8 | 4 | 0 | 1 | 1 | 11 | 0 |
| | 1730 | 249 | 997.8 | 970.5 | .. | 30.7 | 27.2 | 25.5 | 32.6 | 75 | .. | 4.5 | .. | 7.7 | 0 | 0 | 23 | 05 | 0 | 24 | 4 | 4 | 1 | 3 | 2 | 8 | 0 |
| Ludhiana | 0830 | 247 | 1000.7 | 973.1 | -0.1 | 28.1 | 25.4 | 24.2 | 30.2 | 80 | + 1 | 3.9 | -0.5 | 2.0 | 0 | 0 | 26 | 00 | 3 | 3 | 6 | 4 | 3 | 3 | 4 | 5 | 0 |
| | 1730 | 247 | 997.1 | 970.2 | -0.1 | 31.9 | 26.8 | 24.6 | 30.9 | 67 | + 1 | 3.7 | -0.6 | 2.0 | 0 | 0 | 26 | 01 | 5 | 2 | 5 | 2 | 1 | 3 | 7 | 5 | 0 |
| Ferozepur | 0830 | 200 | 999.9 | 977.8 | +0.5 | 28.7 | 25.7 | 24.4 | 30.5 | 78 | - 1 | 2.7 | -0.4 | 2.0 | 0 | 0 | 22 | 04 | 1 | 3 | 3 | 6 | 2 | 1 | 2 | 9 | 0 |
| | 1730 | 200 | 997.7 | 975.7 | +1.5 | 32.4 | 27.4 | 25.4 | 32.4 | 67 | + 2 | 2.2 | -1.2 | 1.7 | 0 | 0 | 21 | 00 | 3 | 2 | 2 | 12 | 2 | 0 | 0 | 10 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 999.8 | 973.6 | .. | 28.0 | 25.2 | 23.9 | 29.6 | 79 | .. | 4.1 | .. | 11.5 | 0 | 3 | 25 | 02 | 1 | 5 | 8 | 2 | 6 | 4 | 0 | 3 | 0 |
| | 1730 | 242 | 997.2 | 970.9 | .. | 32.1 | 26.3 | 23.9 | 29.6 | 63 | .. | 4.0 | .. | 12.2 | 0 | 1 | 30 | 02 | 2 | 5 | 6 | 1 | 2 | 6 | 7 | 0 | 0 |
| Chandigarh | 0830 | 347 | 999.1 | 960.4 | -1.6 | 26.7 | 24.7 | 23.7 | 29.3 | 84 | + 4 | 4.1 | +0.2 | 0.6 | 0 | 0 | 5 | 00 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1730 | 347 | 996.9 | 958.7 | -0.6 | 30.2 | 25.5 | 23.4 | 28.8 | 68 | - 1 | 4.1 | +1.6 | 2.2 | 0 | 0 | 14 | 00 | 0 | 0 | 2 | 0 | 8 | 0 | 4 | 17 | 0 |
| Ambala | 0830 | 272 | 999.3 | 969.2 | -0.8 | 28.2 | 25.1 | 23.7 | 29.3 | 78 | - 4 | 4.0 | -0.5 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 272 | 997.2 | 967.5 | +0.1 | 30.6 | 25.7 | 24.1 | 30.0 | 70 | + 2 | 3.5 | -0.4 | 1.9 | 0 | 0 | 17 | 00 | 4 | 0 | 11 | 0 | 1 | 0 | 1 | 14 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 998.6 | 967.7 | .. | 27.8 | 25.5 | 24.8 | 31.3 | 85 | .. | 4.3 | .. | 3.6 | 0 | 0 | 17 | 00 | 1 | 3 | 11 | 0 | 0 | 1 | 1 | 14 | 0 |
| | 0530 | 278 | 998.6 | 967.7 | .. | 26.6 | 24.9 | 24.3 | 30.4 | 87 | .. | 5.5 | .. | 3.7 | 0 | 0 | 17 | 00 | 0 | 5 | 6 | 0 | 1 | 5 | 0 | 14 | 0 |
| | 1130 | 278 | 1000.2 | 969.5 | .. | 29.6 | 25.8 | 24.6 | 30.9 | 75 | .. | 5.2 | .. | 8.4 | 0 | 0 | 30 | 00 | 2 | 4 | 13 | 0 | 2 | 6 | 3 | 1 | 0 |
| | 1430 | 278 | 998.6 | 968.1 | .. | 30.9 | 26.3 | 24.7 | 31.1 | 71 | .. | 4.5 | .. | 7.0 | 0 | 1 | 25 | 00 | 1 | 2 | 11 | 1 | 2 | 3 | 6 | 5 | 0 |
| | 2030 | 278 | 998.1 | 967.4 | .. | 29.2 | 26.1 | 25.0 | 31.7 | 79 | .. | 3.7 | .. | 3.0 | 0 | 0 | 16 | 00 | 2 | 3 | 5 | 0 | 1 | 3 | 2 | 15 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| PUNJAB (INCLUDING DELHI)(Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala P.B.O. (Contd.) | 2330 | 278 | 998.8 | 968.2 | .. | 28.4 | 25.7 | 24.8 | 31.3 | 81 | .. | 3.0 | .. | 3.1 | 0 | 0 | 14 | 01 | 0 | 3 | 6 | 0 | 0 | 1 | 3 | 17 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 998.5 | 968.0 | .. | 25.7 | 24.7 | 24.3 | 30.4 | 92 | .. | 5.6 | .. | 6.2 | 0 | 0 | 24 | 00 | 6 | 7 | 1 | 1 | 4 | 4 | 1 | 7 | 0 |
| | 0830 | 274 | 999.7 | 969.3 | .. | 27.4 | 25.4 | 24.4 | 30.5 | 84 | .. | 5.3 | .. | 9.3 | 0 | 2 | 27 | 00 | 7 | 9 | 1 | 0 | 6 | 3 | 3 | 2 | 0 |
| | 1130 | 274 | 999.9 | 969.8 | .. | 29.4 | 26.2 | 24.9 | 31.5 | 78 | .. | 4.7 | .. | 15.0 | 0 | 8 | 23 | 02 | 4 | 8 | 2 | 0 | 4 | 6 | 3 | 0 | 2 |
| | 1730 | 274 | 997.1 | 967.1 | .. | 30.4 | 26.6 | 24.9 | 31.5 | 74 | .. | 4.4 | .. | 13.6 | 0 | 5 | 22 | 02 | 2 | 8 | 0 | 0 | 4 | 10 | 1 | 4 | 0 |
| Patiala | 2330 | 274 | 999.0 | 968.5 | .. | 27.1 | 25.6 | 25.0 | 31.7 | 89 | .. | 3.5 | .. | 6.1 | 0 | 1 | 19 | 00 | 7 | 4 | 1 | 0 | 0 | 6 | 1 | 11 | 1 |
| | 0830 | 251 | 1000.5 | 972.6 | +0.1 | 27.4 | 25.2 | 24.2 | 30.2 | 83 | + 0 | 4.4 | -0.7 | 7.4 | 0 | 0 | 19 | 00 | 2 | 0 | 10 | 1 | 0 | 0 | 6 | 12 | 0 |
| | 1730 | 251 | 997.4 | 970.0 | +0.3 | 31.4 | 26.8 | 24.9 | 31.5 | 70 | + 3 | 4.3 | -0.7 | 6.8 | 0 | 1 | 18 | 00 | 2 | 0 | 9 | 0 | 0 | 0 | 8 | 12 | 0 |
| Bhatinda | 0830 | 211 | 999.5 | 975.9 | .. | 29.1 | 25.9 | 24.2 | 30.2 | 76 | - 5 | 2.2 | -0.8 | 4.3 | 0 | 0 | 30 | 00 | 2 | 2 | 12 | 0 | 7 | 0 | 7 | 1 | 0 |
| | 1730 | 211 | 996.6 | 973.5 | .. | 32.7 | 26.5 | 23.5 | 28.9 | 62 | - 7 | 1.6 | -1.6 | 6.1 | 0 | 0 | 28 | 00 | 3 | 1 | 10 | 0 | 2 | 0 | 12 | 3 | 0 |
| Karnal | 0830 | 249 | 1000.5 | 972.9 | +0.4 | 27.4 | 25.1 | 24.1 | 30.0 | 81 | - 4 | 5.2 | +0.0 | 2.4 | 0 | 0 | 24 | 00 | 0 | 5 | 7 | 0 | 1 | 0 | 11 | 7 | 0 |
| | 1730 | 249 | 997.8 | 970.4 | +0.5 | 29.3 | 26.4 | 24.8 | 31.3 | 75 | + 4 | 4.8 | -0.4 | 1.8 | 0 | 0 | 21 | 00 | 0 | 3 | 6 | 2 | 0 | 0 | 10 | 10 | 0 |
| Hissar | 0530 | 221 | 998.6 | 973.9 | .. | 26.2 | 24.8 | 24.1 | 30.0 | 89 | .. | 4.2 | .. | 5.0 | 0 | 0 | 25 | 01 | 0 | 5 | 3 | 2 | 12 | 2 | 0 | 6 | 0 |
| | 0830 | 221 | 1000.0 | 975.2 | -0.5 | 27.7 | 25.4 | 24.4 | 30.5 | 83 | + 7 | 4.1 | +0.8 | 5.2 | 0 | 0 | 29 | 02 | 1 | 6 | 4 | 0 | 10 | 6 | 0 | 2 | 0 |
| | 1130 | 221 | 1000.2 | 975.9 | .. | 31.1 | 26.8 | 24.9 | 31.5 | 72 | .. | 4.2 | .. | 9.0 | 0 | 2 | 26 | 00 | 2 | 2 | 7 | 1 | 4 | 11 | 1 | 3 | 0 |
| | 1730 | 221 | 997.1 | 973.1 | +0.1 | 32.8 | 27.2 | 24.8 | 31.3 | 66 | + 3 | 3.5 | -0.6 | 5.0 | 0 | 0 | 29 | 02 | 4 | 3 | 4 | 1 | 7 | 6 | 2 | 2 | 0 |
| | 2330 | 221 | 999.2 | 974.6 | .. | 28.1 | 25.7 | 24.5 | 30.7 | 82 | .. | 2.6 | .. | 4.5 | 0 | 0 | 25 | 02 | 1 | 3 | 5 | 3 | 10 | 1 | 0 | 6 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 998.8 | 974.9 | .. | 27.3 | 25.2 | 23.9 | 29.7 | 83 | .. | 4.4 | .. | 7.5 | 0 | 0 | 26 | 00 | 3 | 6 | 2 | 2 | 6 | 6 | 1 | 5 | 0 |
| | 0530 | 216 | 998.9 | 974.8 | .. | 26.6 | 24.6 | 23.6 | 29.1 | 85 | .. | 5.3 | .. | 7.5 | 0 | 0 | 24 | 01 | 1 | 6 | 1 | 1 | 3 | 10 | 1 | 7 | 0 |
| | 0830 | 216 | 1000.1 | 976.1 | -0.2 | 27.8 | 25.0 | 23.7 | 29.3 | 79 | + 2 | 5.2 | -0.2 | 11.6 | 0 | 6 | 23 | 01 | 0 | 5 | 6 | 1 | 2 | 10 | 4 | 2 | 0 |
| | 1130 | 216 | 1000.4 | 976.5 | .. | 30.5 | 26.0 | 23.9 | 29.7 | 70 | .. | 5.6 | .. | 13.7 | 0 | 10 | 19 | 01 | 0 | 8 | 3 | 2 | 0 | 7 | 8 | 2 | 0 |
| | 1430 | 216 | 998.8 | 975.0 | .. | 31.7 | 26.3 | 23.7 | 29.3 | 66 | .. | 5.6 | .. | 12.0 | 0 | 5 | 25 | 02 | 3 | 5 | 4 | 0 | 1 | 5 | 10 | 1 | 0 |
| | 1730 | 216 | 997.7 | 974.0 | +0.7 | 31.4 | 26.1 | 23.7 | 29.3 | 66 | + 1 | 5.7 | +0.2 | 9.9 | 0 | 1 | 28 | 02 | 1 | 8 | 1 | 2 | 3 | 5 | 7 | 2 | 0 |
| | 2030 | 216 | 998.6 | 974.7 | .. | 29.2 | 26.2 | 25.0 | 31.7 | 77 | .. | 4.4 | .. | 3.2 | 0 | 0 | 19 | 00 | 1 | 3 | 4 | 0 | 6 | 4 | 1 | 12 | 0 |
| | 2330 | 216 | 999.4 | 975.4 | .. | 28.2 | 25.5 | 24.2 | 30.2 | 80 | .. | 3.9 | .. | 5.0 | 0 | 0 | 25 | 01 | 1 | 4 | 4 | 3 | 6 | 6 | 0 | 6 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 998.8 | 972.8 | .. | 25.8 | 24.7 | 24.0 | 29.8 | 89 | .. | 4.6 | .. | 5.9 | 0 | 1 | 24 | 00 | 1 | 6 | 1 | 3 | 6 | 8 | 0 | 6 | 0 |
| | 0530 | 233 | 998.8 | 972.8 | .. | 25.6 | 24.4 | 24.0 | 29.8 | 90 | .. | 4.5 | .. | 7.0 | 0 | 2 | 19 | 00 | 0 | 4 | 2 | 2 | 3 | 8 | 2 | 10 | 0 |
| | 0830 | 233 | 1000.0 | 974.3 | .. | 27.3 | 25.2 | 24.1 | 30.0 | 82 | .. | 5.3 | .. | 11.7 | 0 | 6 | 18 | 01 | 0 | 2 | 5 | 2 | 1 | 8 | 5 | 7 | 0 |
| | 1130 | 233 | 1000.5 | 974.7 | .. | 29.9 | 26.1 | 24.2 | 30.2 | 72 | .. | 5.2 | .. | 13.6 | 0 | 9 | 17 | 01 | 0 | 4 | 4 | 0 | 2 | 6 | 9 | 5 | 0 |
| | 1430 | 233 | 998.6 | 973.1 | .. | 31.5 | 26.3 | 23.9 | 29.6 | 67 | .. | 5.2 | .. | 11.2 | 0 | 6 | 20 | 03 | 2 | 3 | 3 | 1 | 2 | 4 | 8 | 5 | 0 |
| | 1730 | 233 | 997.4 | 971.8 | .. | 31.0 | 26.1 | 23.8 | 29.5 | 69 | .. | 5.5 | .. | 8.6 | 0 | 0 | 24 | 01 | 2 | 5 | 1 | 1 | 1 | 3 | 10 | 7 | 0 |
| | 2030 | 233 | 998.5 | 972.7 | .. | 28.3 | 25.7 | 24.7 | 31.1 | 82 | .. | 4.8 | .. | 1.6 | 0 | 0 | 9 | 00 | 0 | 3 | 1 | 0 | 1 | 3 | 1 | 22 | 0 |
| | 2330 | 233 | 999.5 | 973.6 | .. | 26.7 | 25.1 | 24.4 | 30.5 | 88 | .. | 4.0 | .. | 4.0 | 0 | 0 | 15 | 01 | 0 | 0 | 4 | 2 | 5 | 3 | 0 | 16 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 999.5 | 917.4 | -0.5 | 24.0 | 22.7 | 22.1 | 26.6 | 90 | + 1 | 5.2 | -0.4 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 997.5 | 915.8 | +0.7 | 26.9 | 24.0 | 22.7 | 27.6 | 79 | + 1 | 6.5 | +0.9 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Bilaspur | 0830 | 587 | 999.7 | 936.0 | .. | 25.2 | 24.1 | 23.8 | 29.5 | 92 | + 5 | 5.4 | -0.6 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 587 | 997.7 | 934.3 | .. | 28.5 | 24.8 | 23.2 | 28.4 | 75 | + 4 | 5.2 | -0.2 | 1.3 | 0 | 0 | 13 | 00 | 0 | 1 | 1 | 0 | 5 | 4 | 2 | 18 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3056.4 | 663.1 | .. | 9.9 | 5.1 | - 1.0 | 5.6 | 47 | .. | 3.2 | .. | 4.8 | 0 | 0 | 25 | 01 | 21 | 0 | 0 | 0 | 2 | 0 | 1 | 5 | 0 |
| | 0830 | 3514 | 3051.0 | 663.5 | -1.7 | 17.2 | 8.6 | 0.8 | 6.5 | 35 | -19 | 4.0 | -0.2 | 1.7 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 3 | 8 | 0 | 1 | 19 | 0 |
| | 1730 | 3514 | 3025.2 | 662.0 | +0.4 | 21.4 | 13.2 | 7.5 | 10.4 | 42 | + 6 | 4.3 | +0.2 | 4.1 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 0 | 23 | 0 | 0 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1437.8 | 835.6 | +0.0 | 21.0 | 18.2 | 16.7 | 19.0 | 77 | - 2 | 4.3 | -0.1 | 2.2 | 0 | 0 | 21 | 01 | 0 | 1 | 6 | 1 | 0 | 4 | 8 | 10 | 0 |
| | 1130 | 1587 | 1432.7 | 835.4 | .. | 25.8 | 20.1 | 17.6 | 20.1 | 60 | .. | 4.0 | .. | 2.1 | 0 | 0 | 22 | 05 | 1 | 0 | 2 | 3 | 1 | 2 | 8 | 9 | 0 |
| | 1430 | 1587 | 1417.1 | 834.0 | .. | 27.2 | 20.9 | 17.2 | 19.6 | 52 | .. | 3.8 | .. | 3.2 | 0 | 0 | 29 | 02 | 1 | 3 | 3 | 8 | 0 | 4 | 8 | 2 | 0 |
| | 1730 | 1587 | 1405.9 | 833.0 | +0.2 | 27.4 | 20.2 | 16.7 | 19.0 | 53 | + 0 | 4.5 | +0.5 | 3.2 | 0 | 0 | 25 | 01 | 0 | 3 | 2 | 2 | 1 | 5 | 11 | 6 | 0 |
| | 2030 | 1587 | 1416.1 | 833.7 | .. | 23.0 | 19.1 | 17.2 | 19.6 | 70 | .. | 3.6 | .. | 2.5 | 0 | 0 | 18 | 01 | 1 | 0 | 3 | 2 | 0 | 5 | 6 | 13 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1427.5 | 827.1 | .. | 17.8 | 15.9 | 15.0 | 17.0 | 83 | .. | 4.2 | .. | 3.0 | 0 | 0 | 9 | 00 | 1 | 2 | 0 | 3 | 2 | 0 | 1 | 22 | 0 |
| | 0830 | 1666 | 1433.9 | 827.9 | .. | 21.1 | 18.0 | 16.4 | 18.6 | 75 | .. | 4.4 | .. | 3.7 | 0 | 0 | 13 | 01 | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 18 | 0 |
| | 1130 | 1666 | 1431.9 | 828.0 | .. | 25.1 | 19.6 | 16.8 | 19.1 | 62 | .. | 4.0 | .. | 5.4 | 0 | 0 | 24 | 04 | 4 | 2 | 2 | 5 | 0 | 4 | 3 | 7 | 0 |
| | 1730 | 1666 | 1407.4 | 825.9 | .. | 26.8 | 19.4 | 15.5 | 17.6 | 52 | .. | 5.0 | .. | 8.6 | 0 | 2 | 23 | 04 | 2 | 0 | 0 | 8 | 1 | 2 | 8 | 6 | 0 |
| | 2330 | 1666 | 1427.8 | 827.2 | .. | 20.0 | 17.1 | 15.5 | 17.6 | 76 | .. | 2.8 | .. | 2.8 | 0 | 0 | 15 | 00 | 2 | 1 | 3 | 1 | 3 | 5 | 0 | 16 | 0 |
| Gulmarg | 0830 | 2655 | 3086.8 | 736.8 | -0.6 | 15.7 | 13.1 | 11.2 | 13.3 | 76 | - 5 | 4.5 | +0.2 | 1.2 | 0 | 0 | 11 | 00 | 3 | 7 | 1 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 1730 | 2655 | 3076.2 | 735.6 | .. | 17.8 | 14.7 | 12.7 | 14.7 | 73 | .. | 5.1 | .. | 2.8 | 0 | 0 | 23 | 00 | 4 | 7 | 5 | 1 | 0 | 6 | 0 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SaKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 20.1 | 17.3 | 15.8 | 17.9 | 77 | .. | 4.6 | .. | 1.0 | 0 | 0 | 12 | 00 | 0 | 3 | 4 | 1 | 1 | 2 | 1 | 19 | 0 |
| | 1730 | 1690 | .. | .. | .. | 24.8 | 19.2 | 16.2 | 18.4 | 60 | .. | 5.2 | .. | 6.1 | 0 | 0 | 19 | 00 | 1 | 1 | 2 | 4 | 8 | 1 | 2 | 12 | 0 |
| Banihal | 0830 | 1630 | .. | .. | .. | 20.1 | 18.4 | 17.5 | 20.0 | 88 | .. | 4.8 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 1630 | .. | .. | .. | 25.1 | 20.0 | 17.6 | 20.1 | 64 | .. | 5.0 | .. | 7.0 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 7 | 0 |
| Jammu | 0830 | 366 | 999.8 | 959.3 | .. | 27.0 | 25.1 | 24.3 | 30.4 | 86 | + 5 | 4.8 | -0.1 | 3.6 | 0 | 0 | 28 | 02 | 21 | 1 | 0 | 1 | 0 | 0 | 3 | 3 | 0 |
| | 1730 | 366 | 995.4 | 955.7 | .. | 31.2 | 27.6 | 26.0 | 33.6 | 75 | .. | 4.2 | .. | 3.8 | 0 | 0 | 19 | 02 | 4 | 1 | 1 | 1 | 4 | 1 | 5 | 12 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 998.9 | 960.3 | .. | 25.7 | 24.1 | 23.3 | 28.6 | 88 | .. | 5.2 | .. | 4.7 | 0 | 0 | 16 | 01 | 8 | 4 | 1 | 1 | 0 | 0 | 1 | 15 | 0 |
| | 0830 | 292 | 999.8 | 967.3 | .. | 27.6 | 25.0 | 23.7 | 29.3 | 81 | .. | 4.6 | .. | 3.2 | 0 | 0 | 14 | 02 | 5 | 3 | 2 | 1 | 0 | 0 | 1 | 17 | 0 |
| | 1130 | 292 | 999.9 | 967.8 | .. | 31.2 | 26.3 | 24.3 | 30.4 | 67 | .. | 4.7 | .. | 7.4 | 0 | 0 | 24 | 00 | 3 | 0 | 2 | 8 | 3 | 8 | 0 | 7 | 0 |
| | 1730 | 292 | 997.3 | 965.3 | .. | 31.1 | 26.3 | 24.4 | 30.5 | 67 | .. | 4.6 | .. | 9.5 | 0 | 2 | 24 | 01 | 1 | 2 | 1 | 5 | 3 | 11 | 2 | 5 | 0 |
| | 2330 | 292 | 999.0 | 966.5 | .. | 27.6 | 25.1 | 24.0 | 29.8 | 80 | .. | 2.7 | .. | 3.8 | 0 | 0 | 10 | 01 | 7 | 0 | 1 | 1 | 0 | 0 | 0 | 21 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 997.9 | 978.2 | .. | 27.2 | 24.6 | 23.2 | 28.4 | 79 | .. | 1.4 | .. | 1.8 | 0 | 0 | 8 | 00 | 1 | 0 | 2 | 0 | 5 | 0 | 0 | 23 | 0 |
| | 0830 | 177 | 999.2 | 979.6 | -0.2 | 29.0 | 25.3 | 23.6 | 29.0 | 73 | + 5 | 1.9 | +0.1 | 5.0 | 0 | 0 | 27 | 00 | 1 | 5 | 3 | 1 | 16 | 1 | 0 | 4 | 0 |
| | 1130 | 177 | 999.3 | 979.9 | .. | 33.9 | 26.5 | 23.2 | 28.4 | 55 | .. | 2.7 | .. | 5.9 | 0 | 0 | 25 | 00 | 5 | 2 | 3 | 0 | 12 | 2 | 1 | 6 | 0 |
| | 1730 | 177 | 996.4 | 977.3 | +0.4 | 34.7 | 26.0 | 21.5 | 25.6 | 50 | - 6 | 2.4 | -0.5 | 3.5 | 0 | 0 | 24 | 00 | 3 | 3 | 4 | 0 | 12 | 1 | 1 | 7 | 0 |
| | 2330 | 177 | 998.3 | 978.8 | .. | 29.5 | 24.9 | 22.7 | 27.6 | 69 | .. | 0.8 | .. | 1.2 | 0 | 0 | 7 | 00 | 1 | 0 | 3 | 0 | 3 | 0 | 0 | 24 | 0 |
| Anupgarh | 0830 | 154 | 1004.0 | 982.3 | .. | 30.2 | 25.3 | 23.3 | 28.6 | 68 | .. | 1.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 154 | 1002.1 | 979.6 | .. | 36.0 | 26.2 | 21.0 | 24.9 | 47 | .. | 2.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 0830 | 137 | 998.4 | 977.7 | .. | 29.0 | 25.9 | 24.4 | 30.5 | 79 | .. | 1.6 | .. | 6.5 | 0 | 2 | 25 | 02 | 2 | 0 | 1 | 8 | 10 | 3 | 1 | 1 | 0 |
| | 1730 | 137 | 995.4 | 974.7 | .. | 34.2 | 26.3 | 22.6 | 27.4 | 51 | .. | 1.7 | .. | 6.5 | 0 | 1 | 25 | 03 | 3 | 3 | 1 | 2 | 14 | 0 | 0 | 2 | 0 |
| Churu | 0830 | 291 | 996.6 | 964.1 | -4.0 | 27.6 | 24.0 | 22.1 | 26.6 | 73 | - 6 | 3.4 | -1.1 | 13.5 | 0 | 7 | 22 | 00 | 1 | 1 | 2 | 1 | 4 | 19 | 1 | 2 | 0 |
| | 1730 | 291 | 993.3 | 961.8 | -3.6 | 33.0 | 25.0 | 20.8 | 24.6 | 53 | - 8 | 4.3 | -0.9 | 13.2 | 0 | 8 | 22 | 03 | 1 | 3 | 1 | 2 | 2 | 17 | 1 | 1 | 0 |
| Bikaner | 0830 | 224 | 1000.3 | 975.6 | +0.3 | 28.5 | 24.5 | 22.3 | 26.9 | 71 | - 1 | 3.3 | +1.0 | 9.0 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 4 | 21 | 3 | 2 | 0 | 0 |
| | 1730 | 224 | 997.2 | 972.9 | +0.6 | 34.8 | 25.5 | 21.0 | 24.9 | 47 | - 6 | 3.8 | +0.8 | 7.8 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 6 | 16 | 4 | 2 | 2 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 998.8 | 973.9 | .. | 27.0 | 23.9 | 22.5 | 27.3 | 76 | .. | 2.9 | .. | 7.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 6 | 19 | 4 | 0 | 2 | 0 |
| | 1130 | 224 | 1000.3 | 975.7 | .. | 32.2 | 26.1 | 23.5 | 28.9 | 62 | .. | 2.5 | .. | 8.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 17 | 10 | 2 | 0 | 0 |
| | 2330 | 224 | 999.2 | 974.5 | .. | 29.4 | 24.9 | 22.7 | 27.6 | 69 | .. | 2.5 | .. | 7.3 | 0 | 0 | 30 | 00 | 0 | 0 | 2 | 13 | 12 | 3 | 0 | 1 | 0 |
| Nagaur | 0830 | 298 | 1001.6 | 968.3 | +1.0 | 28.1 | 24.6 | 22.6 | 27.4 | 74 | + 0 | 4.4 | -0.3 | 9.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 7 | 18 | 6 | 0 | 0 | 0 |
| | 1730 | 298 | 997.5 | 965.1 | +1.2 | 33.1 | 26.7 | 24.5 | 30.7 | 61 | + 3 | 4.0 | -1.4 | 9.9 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 13 | 14 | 2 | 1 | 0 | 0 |
| Phalodi | 0830 | 234 | 1001.0 | 974.9 | -0.1 | 26.9 | 23.8 | 22.9 | 27.9 | 76 | - 5 | 2.6 | -1.8 | 15.4 | 0 | 7 | 24 | 00 | 1 | 0 | 1 | 5 | 19 | 5 | 0 | 0 | 0 |
| | 1730 | 234 | 998.8 | 973.4 | +0.6 | 34.2 | 25.5 | 21.4 | 25.5 | 49 | -11 | 2.5 | -1.8 | 14.9 | 0 | 4 | 27 | 00 | 0 | 0 | 1 | 10 | 19 | 1 | 0 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 999.9 | 973.0 | +0.2 | 26.8 | .. | .. | .. | .. | .. | 3.3 | +0.0 | 17.7 | 0 | 9 | 22 | 00 | 0 | 0 | 0 | 17 | 14 | 0 | 0 | 0 | 0 |
| | 1730 | 242 | 996.5 | 970.2 | +0.2 | 36.4 | .. | .. | .. | .. | .. | 2.5 | -0.9 | 12.5 | 0 | 3 | 28 | 00 | 0 | 0 | 1 | 16 | 14 | 0 | 0 | 0 | 0 |
| Jodhpur | 0230 | 224 | 1000.5 | 975.5 | .. | 26.7 | 23.5 | 21.9 | 26.3 | 78 | .. | 3.2 | .. | 11.9 | 0 | 5 | 22 | 00 | 0 | 0 | 0 | 1 | 19 | 5 | 2 | 4 | 0 |
| | 0530 | 224 | 1000.6 | 975.5 | .. | 25.6 | 23.2 | 21.9 | 26.3 | 81 | .. | 3.4 | .. | 12.1 | 0 | 3 | 26 | 00 | 0 | 0 | 0 | 1 | 12 | 16 | 0 | 2 | 0 |
| | 0830 | 224 | 1002.2 | 977.1 | +0.7 | 26.4 | 23.6 | 22.2 | 26.7 | 77 | - 4 | 4.5 | -1.4 | 15.8 | 0 | 5 | 25 | 00 | 0 | 0 | 0 | 0 | 14 | 16 | 0 | 1 | 0 |
| | 1130 | 224 | 1002.5 | 977.7 | .. | 29.5 | 24.7 | 22.4 | 27.1 | 67 | .. | 5.2 | .. | 16.0 | 0 | 6 | 24 | 00 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 1 | 0 |
| | 1430 | 224 | 1000.7 | 976.1 | .. | 32.1 | 25.2 | 21.9 | 26.3 | 56 | .. | 5.0 | .. | 16.9 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 21 | 9 | 1 | 0 | 0 |
| | 1730 | 224 | 999.2 | 974.6 | +1.1 | 32.4 | 25.4 | 22.1 | 26.6 | 56 | - 5 | 4.5 | -1.3 | 15.8 | 0 | 3 | 28 | 00 | 1 | 0 | 0 | 0 | 22 | 7 | 1 | 0 | 0 |
| | 2030 | 224 | 1000.1 | 975.3 | .. | 29.7 | 24.7 | 22.4 | 27.1 | 66 | .. | 4.3 | .. | 10.5 | 0 | 3 | 25 | 01 | 0 | 0 | 0 | 4 | 21 | 2 | 0 | 3 | 0 |
| | 2330 | 224 | 1001.2 | 976.3 | .. | 27.9 | 24.1 | 22.2 | 26.7 | 72 | .. | 3.4 | .. | 11.6 | 0 | 2 | 29 | 01 | 0 | 0 | 1 | 1 | 21 | 7 | 0 | 0 | 0 |
| Barmer | 0530 | 194 | 999.4 | 977.6 | .. | 26.1 | 22.9 | 21.3 | 25.3 | 75 | .. | 3.5 | .. | 10.4 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 11 | 16 | 2 | 1 | 0 |
| | 0830 | 194 | 1000.6 | 978.9 | -0.4 | 27.1 | 23.7 | 22.0 | 26.4 | 74 | - 7 | 4.6 | -0.7 | 7.3 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 6 | 17 | 5 | 2 | 1 | 0 |
| | 1130 | 194 | 1000.7 | 979.3 | .. | 31.6 | 25.4 | 22.6 | 27.4 | 60 | .. | 4.9 | .. | 8.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 7 | 22 | 1 | 0 | 1 | 0 |
| | 1730 | 194 | 997.3 | 976.3 | -0.2 | 35.0 | 26.5 | 22.5 | 27.4 | 49 | -10 | 4.0 | -0.9 | 8.3 | 0 | 0 | 31 | 00 | 0 | 1 | 1 | 8 | 19 | 1 | 1 | 0 | 0 |
| | 2330 | 194 | 999.7 | 978.3 | .. | 30.1 | 24.6 | 22.0 | 26.4 | 62 | .. | 2.5 | .. | 9.7 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 3 | 20 | 7 | 1 | 0 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 1002.7 | 969.7 | +0.6 | 26.1 | 23.5 | 22.1 | 26.6 | 79 | - 4 | 4.1 | -2.5 | 6.1 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 7 | 20 | 2 | 0 | 2 | 0 |
| | 1730 | 295 | 998.9 | 966.5 | +0.1 | 30.0 | 25.2 | 23.1 | 28.3 | 67 | - 2 | 5.3 | -1.3 | 2.4 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 4 | 16 | 1 | 0 | 9 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1001.0 | 967.6 | -0.6 | 27.4 | 24.6 | 23.2 | 28.4 | 79 | + 2 | 3.0 | -0.2 | 15.3 | 0 | 13 | 16 | 00 | 2 | 2 | 0 | 0 | 10 | 13 | 2 | 2 | 0 |
| | 1730 | 301 | 997.8 | 965.1 | +0.5 | 32.1 | 25.7 | 22.6 | 27.4 | 60 | - 6 | 3.4 | -0.6 | 12.6 | 0 | 10 | 19 | 02 | 1 | 6 | 1 | 0 | 8 | 11 | 0 | 2 | 0 |
| Sikar | 0830 | 433 | 1000.9 | 953.2 | +0.1 | 26.4 | 23.4 | 21.8 | 26.1 | 77 | - 6 | 2.4 | -2.6 | 2.7 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 0 | 0 | 22 | 0 | 9 | 0 |
| | 1730 | 433 | 997.5 | 950.7 | +0.3 | 31.1 | 24.6 | 21.5 | 25.6 | 59 | - 8 | 2.3 | -3.1 | 7.3 | 0 | 0 | 29 | 00 | 1 | 1 | 0 | 0 | 0 | 21 | 6 | 2 | 0 |
| Alwar | 0830 | 271 | 999.1 | 969.4 | -0.2 | 28.1 | 24.9 | 23.2 | 28.4 | 76 | - 5 | 5.0 | -0.5 | 1.9 | 0 | 0 | 17 | 03 | 1 | 2 | 0 | 0 | 2 | 7 | 2 | 14 | 0 |
| | 1730 | 271 | 997.4 | 967.7 | +0.2 | 30.9 | 26.2 | 23.9 | 29.6 | 70 | - 4 | 5.4 | -0.2 | 0.9 | 0 | 0 | 14 | 03 | 0 | 2 | 0 | 1 | 5 | 3 | 0 | 17 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 999.4 | 956.1 | .. | 25.0 | 23.7 | 23.0 | 28.1 | 89 | .. | 4.4 | .. | 2.4 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 10 | 6 | 0 | 15 | 0 |
| | 0530 | 390 | 999.6 | 956.3 | .. | 24.4 | 23.3 | 22.7 | 27.6 | 90 | .. | 4.7 | .. | 2.6 | 0 | 0 | 15 | 03 | 0 | 0 | 0 | 0 | 0 | 6 | 6 | 16 | 0 |
| | 0830 | 390 | 1000.7 | 957.6 | -0.6 | 26.6 | 24.1 | 22.7 | 27.6 | 79 | - 3 | 4.7 | -0.9 | 7.6 | 0 | 1 | 27 | 01 | 0 | 0 | 0 | 0 | 0 | 11 | 16 | 3 | 0 |
| | 1130 | 390 | 1000.7 | 958.0 | .. | 29.6 | 24.9 | 22.6 | 27.4 | 68 | .. | 5.1 | .. | 11.3 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 0 | 0 | 12 | 16 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in kpm. of mean rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) (Contd.) | 1430 | 390 | 998.5 | 956.2 | .. | 31.3 | 25.4 | 22.5 | 27.3 | 62 | .. | 4.8 | .. | 0.9 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 9 | 2 | 0 |
| | 1730 | 390 | 997.7 | 955.2 | -0.2 | 29.9 | 25.2 | 23.0 | 28.1 | 69 | - 2 | 5.5 | -0.8 | 7.9 | 0 | 0 | 27 | 02 | 0 | 0 | 0 | 0 | 5 | 13 | 7 | 4 | 0 |
| | 2030 | 390 | 999.3 | 956.4 | .. | 27.3 | 24.3 | 22.9 | 27.9 | 78 | .. | 4.9 | .. | 4.3 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 0 | 2 | 13 | 7 | 9 | 0 |
| | 2330 | 390 | 1000.2 | 957.1 | .. | 26.3 | 24.0 | 23.0 | 28.1 | 84 | .. | 4.5 | .. | 2.6 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 0 | 0 | 12 | 5 | 14 | 0 |
| Dholpur | 0830 | 176 | 1000.3 | 980.6 | +0.3 | 27.8 | 25.3 | 24.1 | 30.0 | 81 | - 4 | 5.1 | -1.0 | 1.9 | 0 | 0 | 15 | 00 | 1 | 0 | 0 | 0 | 1 | 12 | 1 | 16 | 0 |
| | 1730 | 176 | 997.3 | 977.9 | +0.3 | 30.2 | 26.1 | 24.2 | 30.2 | 72 | - 5 | 5.5 | -0.8 | 1.1 | 0 | 0 | 10 | 01 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | 21 | 0 |
| Ajmer | 0830 | 486 | 1001.4 | 948.0 | +0.1 | 25.7 | 22.6 | 21.1 | 25.0 | 77 | - 3 | 5.0 | -1.0 | 17.7 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 0 | 14 | 16 | 1 | 0 | 0 |
| | 1730 | 486 | 998.3 | 945.7 | +0.1 | 30.0 | 24.3 | 21.8 | 26.1 | 64 | - 2 | 5.3 | -0.6 | 12.1 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 14 | 17 | 0 | 0 | 0 |
| Tonk | 0830 | 272 | 1000.5 | 970.3 | +1.1 | 27.1 | 24.7 | 23.5 | 28.9 | 80 | - 8 | 5.0 | -0.7 | 5.2 | 0 | 0 | 28 | 02 | 0 | 0 | 0 | 0 | 4 | 17 | 5 | 3 | 0 |
| | 1730 | 272 | 997.1 | 967.4 | +0.9 | 31.0 | 25.7 | 23.3 | 28.6 | 65 | -12 | 4.4 | -1.0 | 4.6 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 3 | 3 | 17 | 6 | 2 | 0 |
| Bhilwara | 0830 | 425 | 1002.2 | 955.6 | .. | 26.1 | 23.4 | 22.0 | 26.4 | 78 | .. | 4.6 | .. | 8.6 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 24 | 3 | 1 | 2 | 0 |
| | 1730 | 425 | 999.4 | 953.2 | .. | 29.8 | 24.6 | 21.9 | 26.3 | 64 | .. | 6.2 | .. | 8.1 | 0 | 0 | 29 | 01 | 1 | 0 | 1 | 2 | 15 | 5 | 4 | 2 | 0 |
| Kota | 0830 | 257 | 1001.4 | 972.9 | +0.1 | 27.2 | 24.3 | 23.2 | 28.4 | 78 | - 3 | 5.3 | -0.8 | 10.2 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 2 | 5 | 20 | 3 | 1 | 0 |
| | 1730 | 257 | 998.7 | 970.6 | +0.5 | 30.5 | 25.5 | 23.2 | 28.4 | 67 | - 2 | 5.8 | -0.8 | 11.0 | 0 | 4 | 24 | 01 | 0 | 0 | 0 | 0 | 7 | 5 | 15 | 3 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1000.3 | 969.7 | .. | 25.9 | 23.6 | 22.4 | 27.1 | 81 | .. | 5.0 | .. | 8.1 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 15 | 14 | 1 | 1 | 0 |
| | 0830 | 274 | 1001.9 | 971.5 | .. | 27.4 | 24.3 | 22.7 | 27.6 | 77 | .. | 5.5 | .. | 11.1 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 2 | 8 | 19 | 2 | 0 | 0 |
| | 1130 | 274 | 1002.2 | 972.0 | .. | 29.5 | 24.7 | 22.3 | 26.9 | 67 | .. | 6.4 | .. | 12.4 | 0 | 4 | 26 | 02 | 0 | 0 | 1 | 0 | 7 | 12 | 8 | 1 | 0 |
| | 1730 | 274 | 999.1 | 969.0 | .. | 30.2 | 24.9 | 22.3 | 26.9 | 65 | .. | 6.4 | .. | 9.8 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 2 | 7 | 14 | 7 | 1 | 0 |
| | 2330 | 274 | 1001.5 | 971.1 | .. | 27.4 | 24.2 | 22.7 | 27.6 | 76 | .. | 4.2 | .. | 9.0 | 0 | 3 | 26 | 00 | 0 | 0 | 0 | 0 | 21 | 8 | 0 | 2 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1002.3 | 963.5 | +1.0 | 26.1 | 24.2 | 23.4 | 28.8 | 85 | - 2 | 4.5 | -1.1 | 3.0 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 1 | 19 | 2 | 2 | 7 | 0 |
| | 1730 | 351 | 999.3 | 961.0 | +1.0 | 29.3 | 25.5 | 23.7 | 29.3 | 74 | - 4 | 4.5 | -1.9 | 6.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 24 | 3 | 2 | 1 | 0 |
| Udaipur | 0230 | 582 | 1001.4 | 937.5 | .. | 24.4 | 22.1 | 21.0 | 24.9 | 82 | .. | 4.2 | .. | 2.0[a] | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 3 | 2 | 4 | 0 | 21 | 0 |
| | 0530 | 582 | 1001.4 | 937.4 | .. | 24.0 | 21.8 | 20.7 | 24.4 | 83 | .. | 4.4 | .. | 1.5 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 4 | 2 | 0 | 25 | 0 |
| | 0830 | 582 | 1002.4 | 938.7 | +0.6 | 25.5 | 22.4 | 20.9 | 24.7 | 76 | - 5 | 5.0 | -1.7 | 2.5 | 0 | 0 | 14 | 01 | 0 | 0 | 0 | 1 | 5 | 5 | 2 | 17 | 0 |
| | 1130 | 582 | 1002.6 | 939.3 | .. | 27.6 | 23.3 | 21.2 | 25.2 | 68 | .. | 5.7 | .. | 3.9 | 0 | 0 | 23 | 00 | 0 | 0 | 2 | 4 | 6 | 6 | 4 | 8 | 1 |
| | 1730 | 582 | 1000.1 | 937.1 | +0.9 | 28.1 | 23.7 | 21.6 | 25.8 | 69 | - 6 | 6.4 | -0.5 | 4.3 | 0 | 0 | 29 | 01 | 0 | 0 | 2 | 11 | 7 | 5 | 3 | 2 | 0 |
| | 2330 | 582 | 1002.2 | 938.5 | .. | 25.4 | 22.6 | 21.3 | 25.3 | 78 | .. | 3.9 | .. | 1.2 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 2 | 2 | 2 | 0 | 25 | 0 |
| Jhalawar | 0830 | 321 | 1001.7 | 966.1 | +0.1 | 26.3 | 23.9 | 22.8 | 27.7 | 81 | - 4 | 6.3 | +0.5 | 5.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 14 | 16 | 1 | 0 | 0 |
| | 1730 | 321 | 999.2 | 964.0 | +0.7 | 29.0 | 24.7 | 22.6 | 27.6 | 71 | - 2 | 6.1 | +0.4 | 4.4 | 0 | 0 | 26 | 01 | 0 | 1 | 1 | 0 | 9 | 11 | 3 | 5 | 0 |
| Banswara | 0830 | 220 | 1002.9 | 978.2 | .. | 25.4 | 24.0 | 23.4 | 28.8 | 88 | .. | 7.2 | .. | 10.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 5 | 25 | 1 | 0 | 0 | 0 |
| | 1730 | 220 | 1000.2 | 975.8 | .. | 29.3 | 24.7 | 22.6 | 27.4 | 68 | .. | 7.5 | .. | 10.4 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 3 | 22 | 4 | 1 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 999.0 | 975.9 | .. | 26.5 | 24.6 | 23.8 | 29.3 | 86 | .. | 5.3 | .. | 5.2 | 0 | 0 | 25 | 01 | 0 | 0 | 0 | 2 | 12 | 9 | 1 | 6 | 0 |
| | 0530 | 207 | 999.1 | 976.0 | .. | 26.2 | 24.3 | 23.4 | 28.8 | 85 | .. | 5.9 | .. | 5.1 | 0 | 0 | 22 | 01 | 0 | 1 | 0 | 3 | 6 | 8 | 3 | 9 | 0 |
| | 0830 | 207 | 1000.7 | 977.7 | +0.0 | 27.9 | 25.0 | 23.6 | 29.3 | 79 | - 3 | 5.9 | -0.5 | 7.2 | 0 | 1 | 27 | 05 | 1 | 0 | 1 | 2 | 1 | 12 | 6 | 3 | 0 |
| | 1130 | 207 | 1000.8 | 978.0 | .. | 29.9 | 25.8 | 23.9 | 29.8 | 70 | .. | 6.1 | .. | 9.5 | 0 | 5 | 22 | 01 | 1 | 2 | 0 | 0 | 1 | 12 | 10 | 4 | 0 |
| | 1430 | 207 | 998.8 | 976.1 | .. | 31.0 | 26.2 | 23.9 | 30.0 | 68 | .. | 6.1 | .. | 9.0 | 0 | 0 | 31 | 04 | 3 | 0 | 0 | 0 | 2 | 13 | 9 | 0 | 0 |
| | 1730 | 207 | 997.9 | 975.1 | +0.2 | 30.2 | 26.0 | 24.0 | 30.2 | 72 | - 3 | 6.4 | -0.2 | 7.2 | 0 | 1 | 29 | 02 | 2 | 0 | 0 | 1 | 6 | 11 | 8 | 1 | 0 |
| | 2030 | 207 | 999.6 | 976.6 | .. | 27.7 | 25.5 | 24.5 | 30.7 | 83 | .. | 5.3 | .. | 3.5 | 0 | 0 | 22 | 01 | 1 | 0 | 0 | 5 | 6 | 6 | 3 | 9 | 0 |
| | 2330 | 207 | 1000.1 | 977.1 | .. | 26.9 | 25.1 | 24.2 | 30.4 | 86 | .. | 5.4 | .. | 4.4 | 0 | 0 | 23 | 01 | 0 | 0 | 1 | 6 | 11 | 3 | 1 | 8 | 0 |
| Sheopur | 0830 | 235 | 1001.6 | 975.4 | +0.8 | 26.6 | 24.8 | 23.9 | 29.8 | 85 | - 3 | 5.5 | -1.4 | 8.2 | 0 | 1 | 28 | 01 | 0 | 0 | 0 | 11 | 5 | 12 | 0 | 2 | 0 |
| | 1730 | 235 | 998.5 | 972.6 | +0.9 | 29.9 | 25.6 | 23.7 | 29.3 | 72 | - 6 | 6.3 | +0.1 | 10.2 | 0 | 2 | 26 | 01 | 0 | 2 | 0 | 3 | 4 | 16 | 2 | 3 | 0 |
| Shivpuri | 0830 | 464 | 1001.1 | 949.9 | .. | 25.6 | 23.6 | 22.7 | 27.6 | 85 | .. | 5.8 | .. | 5.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 1 | 0 |
| | 1730 | 464 | 998.1 | 947.5 | .. | 28.2 | 24.1 | 22.2 | 26.9 | 72 | .. | 5.8 | .. | 6.6 | 0 | 0 | 29 | 00 | 1 | 0 | 0 | 0 | 1 | 14 | 13 | 2 | 0 |
| Nowgong | 0830 | 229 | 1001.6 | 976.0 | +0.3 | 26.3 | 24.9 | 24.2 | 30.4 | 89 | + 4 | 6.1 | -0.2 | 6.0 | 0 | 0 | 28 | 00 | 0 | 1 | 0 | 7 | 17 | 1 | 2 | 3 | 0 |
| | 1730 | 229 | 998.5 | 973.3 | +0.6 | 29.5 | 26.2 | 24.6 | 31.3 | 76 | - 1 | 5.7 | -0.7 | 4.3 | 0 | 0 | 26 | 01 | 0 | 0 | 0 | 2 | 13 | 6 | 4 | 5 | 0 |
| Guna | 0530 | 478 | 1000.8 | 947.7 | .. | 23.4 | 22.6 | 22.2 | 26.8 | 93 | .. | 6.2 | .. | 9.8 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 3 | 17 | 8 | 0 | 3 | 0 |
| | 0830 | 478 | 1002.2 | 949.2 | +0.1 | 25.0 | 23.6 | 22.9 | 28.1 | 88 | + 0 | 6.2 | +0.1 | 9.5 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 1 | 4 | 24 | 2 | 0 | 0 |
| | 1130 | 478 | 1002.2 | 949.8 | .. | 27.4 | 24.6 | 23.4 | 29.0 | 80 | .. | 6.7 | .. | 15.2 | 0 | 7 | 24 | 01 | 0 | 0 | 0 | 0 | 6 | 13 | 11 | 0 | 0 |
| | 1430 | 478 | 999.9 | 947.8 | .. | 28.5 | 25.0 | 23.4 | 29.0 | 74 | .. | 6.9 | .. | 13.9 | 0 | 6 | 25 | 03 | 0 | 0 | 0 | 0 | 8 | 9 | 11 | 0 | 0 |
| | 1730 | 478 | 999.2 | 947.0 | +0.4 | 27.7 | 24.5 | 23.1 | 28.4 | 77 | - 3 | 6.6 | +0.1 | 12.7 | 0 | 5 | 26 | 01 | 0 | 1 | 0 | 0 | 7 | 13 | 9 | 0 | 0 |
| | 2330 | 478 | 1001.9 | 949.1 | .. | 24.6 | 23.3 | 22.7 | 27.6 | 89 | .. | 5.8 | .. | 9.4 | 0 | 1 | 29 | 00 | 0 | 0 | 1 | 5 | 14 | 8 | 2 | 1 | 0 |
| Nimach | 0830 | 496 | 1002.3 | 947.6 | -0.4 | 24.7 | 22.7 | 21.9 | 25.9 | 85 | - 1 | 5.2 | -1.7 | 16.2 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 0 | 13 | 17 | 0 | 0 | 1 |
| | 1730 | 496 | 1000.6 | 946.5 | +0.4 | 28.0 | 23.5 | 21.4 | 25.3 | 69 | - 6 | 6.1 | -0.6 | 14.5 | 0 | 6 | 25 | 00 | 1 | 1 | 0 | 0 | 10 | 13 | 0 | 0 | 6 |
| Rajgarh | 0830 | 382 | 1002.7 | 960.2 | +1.0 | 25.0 | 23.7 | 23.1 | 28.6 | 90 | + 2 | 6.9 | +0.0 | 13.0 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 1 | 4 | 20 | 6 | 0 | 0 |
| | 1730 | 382 | 1000.0 | 958.0 | +1.2 | 27.5 | 24.5 | 23.0 | 28.3 | 76 | - 1 | 7.2 | +0.4 | 12.3 | 0 | 4 | 27 | 02 | 0 | 0 | 0 | 0 | 2 | 21 | 6 | 0 | 0 |
| Sagar | 0830 | 551 | 1002.4 | 941.6 | +0.7 | 23.9 | 22.9 | 22.6 | 27.3 | 92 | + 2 | 6.8 | -0.1 | 7.4 | 0 | 0 | 31 | 00 | 5 | 5 | 0 | 0 | 7 | 11 | 3 | 0 | 0 |
| | 1730 | 551 | 999.3 | 939.3 | +1.0 | 26.8 | 23.9 | 22.5 | 27.4 | 79 | - 3 | 6.8 | +0.1 | 7.0 | 0 | 0 | 31 | 00 | 1 | 2 | 0 | 0 | 6 | 15 | 7 | 0 | 0 |
| Ratlam | 0830 | 486 | 1003.8 | 949.9 | +0.9 | 24.1 | 22.6 | 22.0 | 26.3 | 88 | - 5 | 7.4 | -0.3 | 12.7 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 9 | 19 | 3 | 0 | 0 |
| | 1730 | 486 | 1000.8 | 947.7 | +0.9 | 27.6 | 23.5 | 21.6 | 25.9 | 72 | - 6 | 6.6 | -0.8 | 12.1 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 8 | 18 | 4 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C. Dry Bulb | Mean temperature in °C. Wet Bulb | Mean temperature in °C. Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, WEST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) | 0230 | 523 | 1001.6 | 943.8 | .. | 23.4 | 22.1 | 21.5 | 25.5 | 89 | .. | 6.6 | .. | 10.6 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 1 | 19 | 8 | 0 | 3 | 0 |
| | 0530 | 523 | 1001.9 | 944.0 | .. | 23.1 | 21.9 | 21.3 | 25.2 | 93 | .. | 6.7 | .. | 12.8 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 18 | 12 | 1 | 0 | 0 |
| | 0830 | 523 | 1003.2 | 945.5 | +0.5 | 24.5 | 22.7 | 21.9 | 26.3 | 86 | - 2 | 7.1 | +0.1 | 17.0 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 0 | 10 | 19 | 2 | 0 | 0 |
| | 1130 | 523 | 1003.2 | 945.8 | .. | 26.7 | 23.5 | 22.0 | 26.6 | 77 | .. | 7.2 | .. | 18.3 | 0 | 15 | 16 | 01 | 0 | 0 | 0 | 0 | 7 | 18 | 5 | 0 | 0 |
| | 1430 | 523 | 1000.8 | 943.8 | .. | 27.9 | 23.8 | 22.0 | 26.4 | 72 | .. | 7.3 | .. | 18.5 | 0 | 14 | 17 | 01 | 0 | 0 | 0 | 1 | 6 | 18 | 5 | 0 | 0 |
| | 1730 | 523 | 1000.0 | 942.9 | +0.7 | 27.1 | 23.5 | 21.8 | 26.3 | 74 | - 2 | 7.0 | +0.2 | 16.4 | 0 | 8 | 23 | 01 | 1 | 0 | 0 | 1 | 6 | 15 | 7 | 0 | 0 |
| | 2030 | 523 | 1002.1 | 944.6 | .. | 25.1 | 22.9 | 21.9 | 26.3 | 83 | .. | 6.7 | .. | 8.5 | 0 | 1 | 25 | 00 | 0 | 0 | 0 | 1 | 14 | 9 | 2 | 5 | 0 |
| | 2330 | 523 | 1002.9 | 945.1 | .. | 24.1 | 22.5 | 21.7 | 26.1 | 86 | .. | 6.4 | .. | 9.3 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 2 | 18 | 7 | 2 | 1 | 0 |
| Ujjain | 0830 | 489 | 1003.6 | 949.4 | .. | 24.2 | 22.7 | 22.0 | 26.4 | 88 | .. | 7.2 | .. | 17.0 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 0 | 1 | 15 | 15 | 0 | 0 |
| | 1730 | 489 | 1000.7 | 947.1 | .. | 27.3 | 23.3 | 21.4 | 25.6 | 71 | .. | 7.5 | .. | 17.2 | 0 | 13 | 18 | 00 | 1 | 0 | 0 | 0 | 0 | 22 | 8 | 0 | 0 |
| Narsinghpur | 0830 | 356 | 1002.6 | 963.0 | .. | 25.3 | 23.8 | 23.1 | 28.3 | 88 | .. | 7.0 | .. | 3.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 21 | 4 | 3 | 2 | 0 |
| | 1730 | 356 | 999.5 | 960.4 | .. | 28.6 | 24.9 | 23.1 | 28.6 | 75 | .. | 6.6 | .. | 3.5 | 0 | 0 | 31 | 01 | 1 | 0 | 1 | 0 | 18 | 2 | 8 | 0 | 0 |
| Hoshangabad | 0830 | 302 | 1003.3 | 969.5 | +0.6 | 24.9 | 23.9 | 23.5 | 28.8 | 92 | + 3 | . | .. | 1.9 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 2 | 0 |
| | 1730 | 302 | 1000.4 | 967.0 | +1.1 | 27.9 | 24.7 | 23.2 | 28.4 | 78 | + 0 | . | .. | 2.3 | 0 | 0 | 29 | 00 | 0 | 1 | 0 | 0 | 19 | 2 | 7 | 2 | 0 |
| Indore | 0530 | 567 | 1002.6 | 939.7 | [illegible] | 22.4 | 21.6 | 21.2 | 25.2 | 93 | +15 | 6.2 | -0.7 | 17.3 | 0 | 11 | 19 | 00 | 0 | 0 | 0 | 0 | 16 | 13 | 1 | 1 | 0 |
| | 0830 | 567 | 1003.9 | 941.3 | +0.8 | 23.5 | 22.2 | 21.6 | 25.8 | 89 | + 1 | 6.9 | -0.2 | 18.9 | 0 | 15 | 16 | 00 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 0 | 0 |
| | 1130 | 567 | 1003.6 | 941.5 | .. | 26.1 | 23.1 | 21.7 | 26.1 | 78 | .. | 6.6 | .. | 20.1 | 0 | 16 | 14 | 00 | 0 | 0 | 0 | 0 | 6 | 21 | 3 | 1 | 0 |
| | 1730 | 567 | 1000.7 | 938.9 | +0.9 | 26.4 | 23.1 | 21.5 | 25.8 | 76 | - 1 | 6.2 | -0.6 | 21.5 | 0 | 17 | 14 | 01 | 0 | 0 | 0 | 0 | 7 | 19 | 4 | 0 | 0 |
| | 2330 | 567 | 1003.5 | 940.9 | .. | 23.4 | 22.2 | 21.5 | 25.6 | 89 | .. | 4.9 | .. | 14.5 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1004.6 | 971.9 | +0.9 | 25.4 | 23.6 | 22.8 | 27.6 | 86 | - 4 | 6.6 | -0.8 | 14.5 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| | 1730 | 293 | 1001.5 | 969.2 | +0.9 | 28.9 | 24.2 | 22.0 | 26.3 | 68 | - 9 | 5.8 | -1.0 | 11.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Chhindwara | 0830 | 685 | 1002.8 | 927.9 | +0.7 | 24.1 | 22.1 | 21.2 | 25.2 | 84 | - 3 | 7.0 | +0.4 | 9.0 | 0 | 3 | 26 | 04 | 0 | 0 | 0 | 0 | 2 | 16 | 7 | 2 | 0 |
| | 1730 | 685 | 999.8 | 925.7 | +0.9 | 26.4 | 22.6 | 20.8 | 24.6 | 73 | - 6 | 6.7 | -0.1 | 10.6 | 0 | 1 | 30 | 04 | 0 | 0 | 1 | 1 | 0 | 20 | 5 | 0 | 0 |
| Seoni | 0830 | 619 | 1003.1 | 935.3 | +1.1 | 24.6 | 22.7 | 21.9 | 26.3 | 85 | - 1 | 6.3 | -0.6 | 6.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 16 | 12 | 3 | 0 | 0 |
| | 1730 | 619 | 999.6 | 932.6 | +0.9 | 27.0 | 23.5 | 21.9 | 26.3 | 76 | - 3 | 6.6 | -0.5 | 8.3 | 0 | 0 | 31 | 02 | 0 | 0 | 0 | 3 | 7 | 15 | 4 | 0 | 0 |
| Betul | 0830 | 653 | 1004.1 | 932.2 | +0.5 | 23.3 | 22.0 | 21.4 | 25.3 | 89 | - 2 | 7.1 | -0.6 | 5.1 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 2 | 18 | 10 | 0 | 0 |
| | 1730 | 65[illegible] | 1000.3 | 929.5 | +0.8 | 26.4 | 23.4 | 21.5 | 26.6 | 75 | - 6 | 6.9 | -0.7 | 5.2 | 0 | 0 | 31 | 03 | 0 | 0 | 0 | 0 | 3 | 13 | 12 | 0 | 0 |
| Khandwa | 0830 | 318 | 1004.2 | 968.7 | +1.0 | 25.2 | 23.1 | 22.0 | 26.4 | 83 | - 1 | 6.7 | +0.0 | 4.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 21 | 8 | 2 | 0 | 0 |
| | 1730 | 318 | 1000.8 | 965.8 | +0.9 | 29.0 | 24.1 | 21.7 | 25.9 | 66 | - 7 | 6.5 | -0.4 | 3.5 | 0 | 0 | 31 | 06 | 0 | 0 | 0 | 0 | 20 | 0 | 5 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 999.8 | 964.5 | .. | 25.0 | 24.1 | 23.6 | 29.1 | 92 | .. | 6.1 | .. | 2.3 | 0 | 0 | 23 | 01 | 0 | 1 | 0 | 1 | 4 | 16 | 0 | 8 | 0 |
| | 0830 | 317 | 1001.3 | 966.1 | +0.5 | 26.6 | 24.7 | 23.8 | 29.7 | 85 | + 0 | 6.6 | +0.1 | 2.4 | 0 | 0 | 29 | 00 | 0 | 1 | 0 | 1 | 3 | 24 | 0 | 2 | 0 |
| | 1130 | 317 | 1001.1 | 966.2 | .. | 28.8 | 25.4 | 23.9 | 29.7 | 73 | .. | 6.5 | .. | 4.3 | 0 | 0 | 29 | 00 | 1 | 1 | 0 | 0 | 1 | 20 | 6 | 2 | 0 |
| | 1430 | 317 | 998.9 | 964.2 | .. | 29.9 | 25.5 | 23.9 | 29.0 | 72 | .. | 6.2 | .. | 3.7 | 0 | 0 | 29 | 00 | 1 | 0 | 1 | 1 | 3 | 19 | 4 | 2 | 0 |
| | 1730 | 317 | 998.2 | 963.4 | +0.4 | 28.7 | 25.6 | 24.2 | 30.4 | 78 | - 1 | 6.2 | -0.4 | 3.7 | 0 | 0 | 28 | 00 | 0 | 4 | 0 | 1 | 1 | 19 | 3 | 3 | 0 |
| | 2330 | 317 | 1001.0 | 965.8 | .. | 26.1 | 24.8 | 24.2 | 30.2 | 90 | .. | 3.6 | .. | 1.5 | 0 | 0 | 17 | 00 | 0 | 0 | 2 | 1 | 2 | 12 | 0 | 14 | 0 |
| Rewa | 0830 | 299 | 1001.4 | 968.3 | .. | 27.1 | 24.9 | 23.8 | 28.8 | 83 | .. | 6.5 | .. | 5.0 | 0 | 0 | 31 | 03 | 0 | 0 | 1 | 1 | 4 | 14 | 8 | 0 | 0 |
| | 1730 | 299 | 998.5 | 965.8 | .. | 29.4 | 25.6 | 23.9 | 29.7 | 75 | .. | 6.7 | .. | 4.3 | 0 | 0 | 30 | 06 | 3 | 0 | 1 | 1 | 3 | 9 | 7 | 1 | 0 |
| Sidhi | 0830 | 272H | 1000.6 | 970.4 | +1.0 | 27.0 | 25.8 | 25.2 | 32.2 | 90 | + 5 | . | .. | 0.5 | 0 | 0 | 8 | 00 | 0 | 2 | 0 | 4 | 0 | 2 | 0 | 23 | 0 |
| | 1730 | 272 | 997.6 | 967.5 | +0.7 | 29.5 | 27.8 | 26.8 | 35.9 | 87 | + 8 | . | .. | 1.4 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 6 | 0 | 16 | 0 | 9 | 0 |
| Umaria | 0830 | 459 | 1002.2 | 951.6 | +1.0 | 25.7 | 23.9 | 23.1 | 28.3 | 86 | + 1 | 7.6 | +0.6 | 7.7 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 10 | 18 | 1 | 0 | 0 |
| | 1730 | 459 | 998.8 | 948.7 | +0.8 | 28.0 | 24.9 | 23.6 | 28.9 | 78 | - 3 | 6.8 | -0.5 | 3.2 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 2 | 9 | 14 | 3 | 1 | 1 |
| Jabalpur | 0530 | 393 | 1001.2 | 957.6 | .. | 24.3 | 23.3 | 22.9 | 27.8 | 92 | .. | 7.0 | .. | 3.4 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 0 | 6 | 13 | 0 | 12 | 0 |
| | 0830 | 393 | 1002.7 | 959.2 | +0.9 | 25.6 | 23.8 | 22.9 | 27.9 | 85 | - 2 | 6.5 | -0.7 | 5.7 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 12 | 15 | 1 | 3 | 0 |
| | 1130 | 393 | 1002.4 | 959.2 | .. | 28.0 | 24.7 | 23.1 | 28.3 | 76 | .. | 6.9 | .. | 6.6 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 6 | 23 | 1 | 1 | 0 |
| | 1430 | 393 | 999.8 | 957.0 | .. | 29.3 | 25.2 | 23.2 | 27.0 | 71 | .. | 6.7 | .. | 6.5 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 4 | 19 | 5 | 2 | 0 |
| | 1730 | 393 | 999.3 | 956.4 | +0.9 | 28.5 | 24.7 | 23.0 | [illegible] | 74 | - 6 | 7.0 | -0.3 | 6.0 | 0 | 0 | 30 | 01 | 1 | 0 | 0 | 0 | 8 | 19 | 1 | 1 | 0 |
| | 2030 | 393 | 1001.7 | 958.3 | .. | 26.3 | 24.2 | 23.2 | 28.4 | 84 | .. | 6.1 | .. | 4.4 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 1 | 5 | 12 | 3 | 10 | 0 |
| | 2330 | 393 | 1002.3 | 958.7 | .. | 25.3 | 23.8 | 23.1 | 28.1 | 88 | .. | 6.4 | .. | 3.1 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 0 | 2 | 9 | 3 | 17 | 0 |
| Ambikapur | 0830 | 611 | 1002.1 | 935.3 | +0.9 | 25.1 | 23.6 | 23.0 | 28.1 | 88 | + 0 | 6.7 | +0.7 | 4.9 | 0 | 0 | 29 | 01 | 0 | 1 | 2 | 4 | 12 | 9 | 0 | 2 | 0 |
| | 1730 | 611 | 998.9 | 932.7 | +0.8 | 26.9 | 24.1 | 22.9 | 27.9 | 80 | - 3 | 7.2 | +1.4 | 5.4 | 0 | 1 | 30 | 06 | 2 | 0 | 4 | 3 | 7 | 4 | 5 | 0 | 0 |
| Jashpurnagar | 0830 | 779H | 1001.6 | 917.4 | .. | 24.5 | 22.8 | 21.9 | 26.6 | 86 | .. | 6.2 | .. | 1.5 | 0 | 0 | 23 | 00 | 2 | 0 | 4 | 0 | 15 | 0 | 2 | 8 | 0 |
| | 1730 | 779 | 998.5 | 914.9 | .. | 26.0 | 23.4 | 22.2 | 25.8 | 80 | .. | 5.8 | .. | 1.8 | 0 | 0 | 26 | 00 | 4 | 0 | 0 | 0 | 19 | 0 | 3 | 5 | 0 |
| Pendra | 0530 | 625 | 1001.3 | 932.7 | .. | 23.2 | 22.3 | 21.9 | 26.3 | 93 | .. | 6.4 | .. | 4.2 | 0 | 2 | 15 | 01 | 0 | 0 | 2 | 7 | 1 | 4 | 2 | 14 | 0 |
| | 0830 | 625 | 1002.1 | 933.9 | +0.6 | 25.2 | 23.2 | 22.3 | 26.9 | 85 | - 2 | 6.0 | +0.6 | 5.2 | 0 | 0 | 26 | 07 | 0 | 1 | 0 | 6 | 2 | 5 | 5 | 5 | 0 |
| | 1130 | 625 | 1001.5 | 933.8 | .. | 27.2 | 24.1 | 22.7 | 27.6 | 77 | .. | 6.3 | .. | 6.3 | 0 | 1 | 26 | 08 | 4 | 0 | 0 | 5 | 2 | 4 | 4 | 4 | 0 |
| | 1430 | 625 | 999.3 | 931.8 | .. | 27.4 | 24.2 | 22.8 | 27.8 | 77 | .. | 6.3 | .. | 6.8 | 0 | 1 | 25 | 07 | 1 | 0 | 3 | 5 | 4 | 4 | 2 | 5 | 0 |
| | 1730 | 625 | 999.2 | 931.4 | +0.7 | 26.0 | 23.8 | 22.8 | 27.9 | 83 | - 2 | 6.6 | -0.7 | 4.9 | 0 | 0 | 23 | 07 | 1 | 0 | 2 | 7 | 3 | 2 | 1 | 8 | 0 |
| | 2330 | 625 | 1002.0 | 933.7 | .. | 24.1 | 23.0 | 22.5 | 27.3 | 91 | .. | 6.0 | .. | 2.8 | 0 | 0 | 17 | 01 | 0 | 0 | 0 | 5 | 4 | 5 | 2 | 14 | 0 |
| Mandla | 0830 | 443 | 1002.6 | 953.8 | +0.9 | 25.6 | 23.9 | 23.1 | 28.3 | 87 | - 1 | 5.9 | -1.1 | 1.7 | 0 | 0 | 11 | 03 | 0 | 0 | 0 | 4 | 1 | 1 | 2 | 20 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-test standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandala (Contd.) | 1730 | 443 | 999.5 | 951.0 | +0.9 | 27.3 | 24.6 | 23.3 | 28.6 | 80 | - 2 | 6.2 | -0.8 | 0.8 | 0 | 0 | 5 | 02 | 0 | 0 | 0 | 1 | 0 | 0 | 2 | 26 | 0 |
| Champa | 0830 | 245 | 1002.6 | 975.3 | +1.0 | 26.7 | 25.1 | 24.4 | 30.5 | 88 | + 1 | 7.5 | +0.2 | 5.0 | 0 | 0 | 29 | 01 | 0 | 1 | 1 | 0 | 10 | 13 | 3 | 2 | 0 |
| | 1730 | 245 | 999.3 | 972.3 | +1.0 | 29.4 | 26.0 | 24.6 | 30.7 | 76 | - 3 | 6.7 | -0.8 | 4.1 | 0 | 0 | 27 | 01 | 2 | 0 | 0 | 0 | 7 | 13 | 4 | 4 | 0 |
| Raigarh | 0830 | 220 | 1002.8 | 978.2 | +1.4 | 27.1 | 25.2 | 24.3 | 30.4 | 85 | - 1 | 7.2 | +0.0 | 3.4 | 0 | 0 | 31 | 00 | 2 | 0 | 1 | 4 | 15 | 4 | 5 | 0 | 0 |
| | 1730 | 220 | 999.4 | 975.1 | +1.2 | 29.5 | 25.9 | 24.4 | 30.4 | 75 | - 3 | 6.9 | -0.4 | 2.1 | 0 | 0 | 23 | 01 | 1 | 0 | 1 | 0 | 13 | 1 | 6 | 8 | 0 |
| Raipur | 0530 | 298 | 1001.7 | 968.4 | .. | 24.8 | 23.8 | 23.3 | 28.6 | 91 | .. | 6.2 | .. | 4.1 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 2 | 15 | 6 | 0 | 8 | 0 |
| | 0830 | 298 | 1003.1 | 969.9 | +1.0 | 26.4 | 24.5 | 23.6 | 29.1 | 85 | - 1 | 6.8 | -0.2 | 5.8 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 4 | 9 | 14 | 3 | 1 | 0 |
| | 1130 | 298 | 1002.9 | 970.0 | .. | 28.8 | 25.2 | 23.6 | 29.1 | 75 | .. | 6.8 | .. | 6.7 | 0 | 0 | 29 | 00 | 1 | 0 | 1 | 0 | 8 | 15 | 4 | 2 | 0 |
| | 1430 | 298 | 1000.2 | 967.5 | .. | 30.2 | 25.5 | 23.3 | 28.3 | 69 | .. | 6.4 | .. | 6.3 | 0 | 0 | 28 | 01 | 0 | 0 | 0 | 0 | 6 | 17 | 4 | 3 | 0 |
| | 1730 | 298 | 999.6 | 966.9 | +0.8 | 29.5 | 25.1 | 23.0 | 28.4 | 69 | - 9 | 6.8 | +0.0 | 6.0 | 0 | 0 | 30 | 02 | 2 | 0 | 0 | 0 | 9 | 15 | 2 | 1 | 0 |
| | 2030 | 298 | 1002.0 | 969.0 | .. | 27.1 | 24.6 | 23.5 | 28.8 | 81 | .. | 5.4 | .. | 5.5 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 2 | 15 | 7 | 2 | 5 | 0 |
| | 2330 | 298 | 1002.8 | 969.5 | .. | 26.1 | 24.4 | 23.7 | 29.1 | 87 | .. | 5.6 | .. | 7.0 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 4 | 17 | 7 | 1 | 2 | 0 |
| Kanker | 0830 | 402 | 1003.7 | 959.3 | +0.8 | 26.3 | 24.2 | 23.2 | 28.6 | 83 | - 3 | 5.7 | -1.2 | 0.9 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 6 | 3 | 1 | 21 | 0 |
| | 1730 | 402 | 1000.5 | 956.5 | +0.7 | 27.7 | 24.9 | 23.7 | 29.1 | 79 | + 0 | 6.5 | -0.7 | 3.4 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 5 | 0 |
| Jagdalpur | 0530 | 553 | 1002.7 | 941.7 | .. | 23.0 | 22.0 | 21.6 | 25.6 | 92 | .. | 6.6 | .. | 2.1 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 9 | 1 | 0 | 21 | 0 |
| | 0830 | 553 | 1004.0 | 943.3 | +0.8 | 24.9 | 23.1 | 22.3 | 26.9 | 85 | - 1 | 6.5 | -0.3 | 4.3 | 0 | 0 | 21 | 00 | 1 | 0 | 0 | 2 | 13 | 2 | 3 | 10 | 0 |
| | 1130 | 553 | 1003.2 | 943.1 | .. | 27.3 | 23.9 | 22.4 | 27.1 | 75 | .. | 6.7 | .. | 8.1 | 0 | 1 | 27 | 00 | 1 | 0 | 0 | 0 | 17 | 5 | 5 | 3 | 0 |
| | 1430 | 553 | 1000.9 | 940.9 | .. | 27.8 | 24.0 | 22.3 | 27.1 | 74 | .. | 6.8 | .. | 9.2 | 0 | 2 | 28 | 04 | 1 | 0 | 0 | 2 | 14 | 5 | 4 | 1 | 0 |
| | 1730 | 553 | 1000.8 | 940.6 | +0.7 | 26.5 | 23.6 | 22.4 | 26.9 | 79 | - 2 | 7.3 | +0.2 | 5.4 | 0 | 0 | 24 | 00 | 1 | 1 | 0 | 1 | 16 | 4 | 1 | 7 | 0 |
| | 2030 | 553 | 1003.5 | 942.8 | .. | 24.5 | 23.0 | 22.3 | 27.0 | 88 | .. | 6.1 | .. | 1.7 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 5 | 2 | 1 | 23 | 0 |
| | 2330 | 553 | 1003.9 | 943.0 | .. | 23.9 | 22.8 | 22.2 | 26.8 | 91 | .. | 6.3 | .. | 2.2 | 0 | 0 | 10 | 00 | 0 | 0 | 2 | 0 | 7 | 1 | 0 | 21 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1003.5 | 988.1 | +1.2 | 26.5 | 24.0 | 22.9 | 27.9 | 79 | - 9 | 4.4 | -1.9 | 8.4 | 0 | 0 | 30 | 00 | 0 | 0 | 10 | 1 | 15 | 0 | 4 | 1 | 0 |
| | 1730 | 136 | 999.9 | 984.9 | +1.0 | 31.7 | 24.8 | 21.1 | 25.6 | 52 | -17 | 5.1 | -0.9 | 10.2 | 0 | 3 | 28 | 00 | 0 | 0 | 4 | 2 | 18 | 7 | 0 | 0 | 0 |
| Radhanpur | 0830 | 30 | .. | .. | .. | 27.6 | 24.9 | 23.7 | 29.1 | 80 | - 9 | . | .. | 5.4 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 2 | 20 | 8 | 0 | 0 | 0 |
| | 1730 | 30 | .. | .. | .. | 33.2 | 25.2 | 21.6 | 25.5 | 51 | -21 | . | .. | 7.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 2 | 25 | 1 | 3 | 0 | 0 |
| Idar | 0830 | 219 | 1003.9 | 979.3 | +1.1 | 25.5 | 23.6 | 22.7 | 27.6 | 85 | - 7 | 6.0 | -1.7 | 3.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 14 | 15 | 0 | 1 | 0 |
| | 1730 | 219 | 1000.3 | 976.2 | +0.9 | 30.8 | 24.9 | 22.0 | 26.6 | 61 | -14 | 6.3 | -1.0 | 3.7 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 1 | 11 | 15 | 1 | 3 | 0 |
| Ahmadabad | 0230 | 55 | 1002.4 | 996.1 | .. | 26.7 | 24.1 | 22.9 | 27.9 | 80 | .. | 4.3 | .. | 10.3 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 1 | 9 | 19 | 1 | 1 | 0 |
| | 0530 | 55 | 1002.5 | 996.2 | .. | 25.9 | 23.9 | 23.1 | 28.1 | 84 | .. | 4.6 | .. | 10.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 13 | 17 | 1 | 0 | 0 |
| | 0830 | 55 | 1004.0 | 997.7 | +0.5 | 26.9 | 24.6 | 23.4 | 28.9 | 81 | - 3 | 5.4 | -1.5 | 11.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 11 | 18 | 2 | 0 | 0 |
| | 1130 | 55 | 1004.3 | 998.1 | .. | 30.1 | 25.3 | 23.0 | 28.3 | 69 | .. | 6.3 | .. | 13.2 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 11 | 16 | 3 | 1 | 0 |
| | 1430 | 55 | 1002.3 | 996.1 | .. | 32.2 | 25.5 | 22.6 | 27.3 | 57 | .. | 6.3 | .. | 12.7 | 0 | 3 | 26 | 01 | 0 | 0 | 0 | 0 | 7 | 16 | 5 | 2 | 0 |
| | 1730 | 55 | 1000.8 | 994.6 | +0.5 | 32.5 | 25.4 | 22.2 | 26.7 | 56 | -13 | 5.5 | -1.0 | 11.2 | 0 | 1 | 29 | 00 | 1 | 0 | 0 | 1 | 11 | 14 | 1 | 1 | 2 |
| | 2030 | 55 | 1001.9 | 995.7 | .. | 29.4 | 25.4 | 23.2 | 29.1 | 72 | .. | 5.1 | .. | 10.3 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 8 | 11 | 7 | 2 | 2 | 1 |
| | 2330 | 55 | 1003.3 | 997.1 | .. | 27.9 | 25.0 | 23.6 | 29.3 | 78 | .. | 4.2 | .. | 11.0 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 3 | 12 | 13 | 1 | 1 | 0 |
| Dohad | 0830 | 333 | 1004.1 | 966.9 | +0.7 | 25.2 | 23.4 | 22.5 | 27.3 | 85 | - 4 | 6.4 | -0.8 | 20.7 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 |
| | 1730 | 333 | 1001.0 | 964.4 | +0.6 | 28.9 | 24.1 | 21.7 | 26.1 | 67 | - 9 | 5.9 | -0.2 | 19.6 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 1 | 11 | 17 | 2 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1004.3 | 999.4 | .. | 26.1 | 24.6 | 24.0 | 29.7 | 88 | .. | 5.2 | .. | 7.4 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 26 | 3 | 0 | 2 | 0 |
| | 1730 | 44 | 1001.1 | 996.2 | .. | 31.6 | 25.9 | 23.3 | 28.6 | 63 | .. | 4.8 | .. | 4.9 | 0 | 0 | 27 | 00 | 0 | 1 | 1 | 2 | 20 | 0 | 3 | 4 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1004.6 | 1000.3 | +0.8 | 26.9 | 25.4 | 24.8 | 31.1 | 88 | - 1 | 5.8 | -1.3 | 14.5 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 21 | 9 | 1 | 0 | 0 |
| | 1130 | 38 | 1004.7 | 1000.5 | .. | 29.6 | 26.1 | 24.6 | 31.1 | 75 | .. | 6.0 | .. | 17.7 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 13 | 17 | 1 | 0 | 0 |
| | 1730 | 38 | 1001.3 | 997.1 | +0.6 | 30.9 | 26.9 | 25.2 | 32.2 | 73 | - 2 | 5.3 | -1.4 | 18.4 | 0 | 12 | 19 | 00 | 0 | 0 | 1 | 4 | 19 | 6 | 1 | 0 | 0 |
| Baroda | 0530 | 34 | 1003.4 | 999.4 | .. | 26.0 | 24.6 | 24.0 | 29.8 | 89 | .. | 5.3 | .. | 4.2 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 9 | 8 | 10 | 0 | 4 | 0 |
| | 0830 | 34 | 1004.8 | 1000.9 | +0.7 | 27.0 | 25.3 | 24.6 | 30.7 | 87 | - 2 | 5.4 | -1.2 | 2.9 | 0 | 0 | 23 | 00 | 0 | 0 | 0 | 0 | 20 | 3 | 0 | 8 | 0 |
| | 1130 | 34 | 1005.1 | 1001.1 | .. | 30.2 | 26.1 | 24.3 | 30.4 | 71 | .. | 5.9 | .. | 5.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 |
| | 1730 | 34 | 1001.6 | 997.7 | +0.7 | 31.6 | 26.6 | 24.4 | 30.7 | 67 | - 6 | 5.4 | -0.8 | 4.4 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 19 | 6 | 3 | 2 | 0 |
| Broach | 2330 | 34 | 1004.0 | 1000.1 | .. | 27.5 | 25.3 | 24.4 | 30.4 | 83 | .. | 5.3 | .. | 5.1 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 25 | 5 | 1 | 0 | 0 |
| | 0830 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5.8 | -1.0 | 6.8 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 21 | 4 | 6 | 0 | 0 |
| Surat | 1730 | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4.8 | -1.4 | 7.7 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 25 | 2 | 4 | 0 | 0 |
| | 0530 | 12 | 1003.5 | 1002.2 | .. | 26.4 | 24.8 | 24.1 | 30.0 | 87 | .. | 5.3 | .. | 8.6 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 0 | 29 | 0 | 0 | 0 | 0 |
| | 0830 | 12 | 1005.2 | 1003.9 | +0.7 | 27.2 | 25.3 | 24.5 | 30.7 | 85 | - 1 | 6.6 | -0.7 | 7.4 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 28 | 0 | 2 | 0 | 0 |
| | 1130 | 12 | 1005.8 | 1004.5 | .. | 29.2 | 25.6 | 24.0 | 29.8 | 74 | .. | 6.3 | .. | 12.0 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 27 | 0 | 3 | 0 | 0 |
| | 1730 | 12 | 1003.0 | 1001.7 | +0.9 | 29.5 | 25.5 | 23.8 | 29.3 | 72 | - 7 | 5.1 | -1.6 | 15.9 | 0 | 12 | 19 | 00 | 0 | 0 | 1 | 0 | 30 | 0 | 0 | 0 | 0 |
| | 2330 | 12 | 1004.9 | 1003.6 | .. | 27.3 | 25.1 | 24.2 | 30.0 | 83 | .. | 4.2 | .. | 10.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1002.9 | 1000.5 | +1.2 | 27.6 | 25.1 | 23.9 | 29.7 | 79 | - 6 | 6.0 | -0.6 | 16.1 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 0 | 0 |
| | 1730 | 21 | 1001.1 | 998.7 | +1.2 | 29.5 | 25.2 | 23.3 | 28.6 | 70 | - 5 | 5.7 | -0.9 | 22.7 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 2 | 27 | 2 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1001.6 | 992.5 | .. | 26.5 | 25.0 | 24.3 | 30.4 | 88 | .. | 3.5 | .. | 17.2 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 0 | 0 |
| | 0530 | 80 | 1001.5 | 992.5 | .. | 26.2 | 24.9 | 24.3 | 30.4 | 89 | .. | 4.0 | .. | 14.5 | 0 | 6 | 22 | 00 | 0 | 0 | 0 | 0 | 12 | 16 | 0 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj (Rudramata) | 0830 | 80 | 1002.8 | 993.8 | +0.3 | 27.7 | 25.4 | 24.4 | 30.5 | 84 | + 4 | 5.4 | -0.6 | 20.5 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 | 0 |
| | 1130 | 80 | 1002.9 | 994.0 | .. | 31.2 | 26.1 | 23.8 | 29.5 | 66 | .. | 5.0 | .. | 26.7 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 |
| | 1430 | 80 | 1001.3 | 992.5 | .. | 32.7 | 26.2 | 23.3 | 28.6 | 58 | .. | 5.5 | .. | 27.8 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 |
| | 1730 | 80 | 1000.6 | 991.7 | +0.6 | 31.4 | 25.7 | 23.1 | 28.3 | 63 | + 1 | 5.8 | +0.1 | 27.6 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 13 | 18 | 0 | 0 | 0 |
| | 2030 | 80 | 1001.9 | 992.9 | .. | 28.4 | 25.0 | 23.4 | 28.9 | 75 | .. | 4.0 | .. | 23.7 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 0 | 0 |
| | 2330 | 80 | 1002.8 | 993.8 | .. | 27.1 | 25.1 | 24.1 | 30.0 | 84 | .. | 3.8 | .. | 18.6 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 0 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1003.3 | 999.4 | .. | 27.7 | 24.6 | 23.2 | 28.3 | 76 | .. | 5.0 | .. | 25.0 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 |
| | 1130 | 35 | 1003.6 | 999.6 | .. | 31.2 | 25.0 | 22.5 | 26.6 | 59 | .. | 6.2 | .. | 30.8 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 1 | 30 | 0 | 0 | 0 | 0 |
| | 1730 | 35 | 1001.0 | 997.7 | .. | 32.3 | 25.1 | 21.8 | 25.9 | 54 | .. | 4.7 | .. | 34.4 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| New Kandla | 0830 | 14 | 1003.7 | 1002.1 | +1.0 | 27.9 | 24.9 | 23.6 | 28.5 | 77 | - 6 | 5.3 | -1.7 | 21.4 | 0 | 17 | 14 | 00 | 0 | 0 | 0 | 1 | 11 | 16 | 3 | 0 | 0 |
| | 1730 | 14 | 1001.5 | 999.9 | +1.1 | 31.6 | 25.2 | 22.2 | 26.7 | 59 | -11 | 4.2 | -2.0 | 36.9 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 |
| Mandvi | 0830 | 9 | 1003.6 | 1002.5 | +1.0 | 28.2 | 25.2 | 23.9 | 29.7 | 78 | -11 | 6.4 | -0.3 | .. | 0 | E26 | 5 | 00 | 0 | 0 | 0 | 0 | 26 | 5 | 0 | 0 | 0 |
| | 1730 | 9 | 1001.9 | 1000.8 | +1.3 | 29.0 | 25.8 | 24.3 | 30.5 | 74 | -11 | 5.6 | -0.6 | .. | 0 | E28 | 3 | 00 | 0 | 0 | 0 | 0 | 23 | 8 | 0 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1003.7 | 995.5 | +1.0 | 27.4 | 24.9 | 23.8 | 29.3 | 79 | - 7 | 5.4 | -1.3 | 10.6 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 1 | 12 | 15 | 3 | 0 | 0 |
| | 1730 | 74 | 1000.4 | 992.3 | +0.8 | 33.2 | 25.6 | 22.2 | 26.6 | 53 | -15 | 5.7 | -1.0 | 13.1[a] | 0 | 8 | 18 | 00 | 0 | 0 | 0 | 0 | 4 | 20 | 2 | 4 | 0 |
| Okha | 0530 | 7 | 1002.6 | 1001.8 | .. | 26.9 | 25.6 | 25.1 | 31.9 | 90 | .. | 4.6 | .. | 22.7 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 |
| | 0830 | 7 | 1004.0 | 1003.2 | .. | 27.5 | 26.1 | 25.4 | 32.6 | 88 | .. | 6.2 | .. | 22.5 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 1 | 18 | 12 | 0 | 0 | 0 |
| | 1130 | 7 | 1004.7 | 1003.9 | .. | 29.2 | 26.6 | 25.5 | 32.6 | 81 | .. | 4.5 | .. | 24.6 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 19 | 12 | 0 | 0 | 0 |
| | 1730 | 7 | 1002.5 | 1001.7 | .. | 28.9 | 26.8 | 25.9 | 33.4 | 84 | .. | 5.0 | .. | 24.2 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 |
| | 2330 | 7 | 1004.1 | 1003.3 | .. | 27.2 | 26.0 | 25.5 | 32.6 | 89 | .. | 3.2 | .. | 21.0 | 0 | 19 | 12 | 00 | 0 | 0 | 0 | 0 | 21 | 10 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1002.6 | 1000.3 | .. | 25.5 | 24.8 | 24.6 | 30.7 | 94 | .. | 3.3 | .. | 15.9 | 0 | 9 | 22 | 00 | 0 | 0 | 0 | 4 | 22 | 5 | 0 | 0 | 0 |
| | 0830 | 20 | 1003.7 | 1001.4 | +0.4 | 27.6 | 25.9 | 25.2 | 31.9 | 86 | + 4 | 4.6 | -1.6 | 23.5 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 1 | 23 | 7 | 0 | 0 | 0 |
| | 1130 | 20 | 1003.8 | 1001.6 | .. | 30.6 | 26.8 | 25.2 | 32.1 | 73 | .. | 5.3 | .. | 27.4 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 1 | 27 | 3 | 0 | 0 |
| | 1730 | 20 | 1001.6 | 999.4 | +1.4 | 30.1 | 27.0 | 25.7 | 33.0 | 78 | + 6 | 4.4 | -1.7 | 29.3 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 1 | 19 | 11 | 0 | 0 |
| | 2330 | 20 | 1003.7 | 1001.4 | .. | 26.6 | 25.3 | 24.7 | 31.2 | 87 | .. | 3.0 | .. | 19.0 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 22 | 9 | 0 | 0 | 0 |
| Dwarka | 0830 | 11 | 1004.0 | 1002.7 | +0.6 | 27.5 | .. | .. | .. | .. | .. | 5.7 | -1.4 | 20.2 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 1 | 7 | 23 | 0 | 0 | 0 |
| | 1730 | 11 | 1002.3 | 1001.0 | +0.8 | 28.7 | .. | .. | .. | .. | .. | 4.9 | -1.6 | 23.9 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 1 | 6 | 24 | 0 | 0 | 0 |
| Rajkot | 0530 | 138 | 1002.7 | 987.2 | .. | 24.5 | 23.4 | 22.7 | 27.9 | 90 | .. | 3.5 | .. | 13.6 | 0 | 7 | 22 | 00 | 0 | 0 | 0 | 2 | 26 | 1 | 0 | 2 | 0 |
| | 0830 | 138 | 1003.9 | 988.5 | +0.5 | 26.6 | 24.7 | 23.9 | 29.7 | 85 | - 1 | 3.6 | -2.7 | 24.8 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 25 | 6 | 0 | 0 | 0 |
| | 1130 | 138 | 1003.8 | 988.5 | .. | 30.5 | 25.8 | 23.6 | 29.3 | 67 | .. | 4.6 | .. | 28.4 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 10 | 17 | 4 | 0 | 0 |
| | 1430 | 138 | 1001.9 | 986.7 | .. | 32.6 | 26.1 | 23.2 | 28.6 | 58 | .. | 4.5 | .. | 29.4 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 13 | 13 | 4 | 0 | 1 |
| | 1730 | 138 | 1000.9 | 985.8 | +0.6 | 31.5 | 25.8 | 23.3 | 28.6 | 63 | - 2 | 3.8 | -2.9 | 35.0 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 11 | 11 | 9 | 0 | 0 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1004.7 | 1003.5 | +0.4 | 27.7 | 24.6 | 23.2 | 28.3 | 76 | - 1 | 5.9 | -0.5 | 17.2 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 1 | 19 | 10 | 1 | 0 | 0 |
| | 1130 | 11 | 1005.0 | 1003.8 | .. | 31.3 | 24.9 | 21.8 | 26.3 | 58 | .. | 6.6 | .. | 19.1 | 0 | 12 | 18 | 00 | 0 | 0 | 0 | 1 | 14 | 15 | 0 | 1 | 0 |
| | 1730 | 11 | 1001.5 | 1000.3 | +0.2 | 32.3 | 25.5 | 22.4 | 27.1 | 60 | - 3 | 6.6 | -0.1 | 25.8 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 13 | 12 | 6 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1004.4 | 1003.6 | +1.2 | 27.7 | 25.7 | 24.9 | 31.3 | 85 | - 7 | 5.5 | -1.3 | 16.0 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 2 | 22 | 6 | 1 | 0 | 0 |
| | 1130 | 7 | 1005.0 | 1004.2 | .. | 29.7 | 26.1 | 24.5 | 30.9 | 74 | .. | 4.1 | .. | 22.2 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 2 | 26 | 3 | 0 | 0 | 0 |
| | 1730 | 7 | 1002.8 | 1002.0 | +1.2 | 29.1 | 26.1 | 24.8 | 31.3 | 78 | - 9 | 4.6 | -2.5 | 22.2 | 0 | 26 | 5 | 00 | 0 | 0 | 0 | 1 | 24 | 6 | 0 | 0 | 0 |
| Keshod | 0830 | 51 | 1004.6 | 998.8 | +1.6 | 27.3 | 25.0 | 24.0 | 29.7 | 82 | - 6 | 5.9 | -0.5 | 17.5 | 0 | 15 | 16 | 00 | 0 | 0 | 0 | 0 | 14 | 17 | 0 | 0 | 0 |
| | 1130 | 51 | 1005.1 | 999.4 | .. | 29.8 | 25.0 | 22.7 | 27.7 | 66 | .. | 6.3 | .. | 29.3 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 14 | 16 | 1 | 0 | 0 |
| | 1730 | 51 | 1002.8 | 997.1 | +0.8 | 29.9 | 24.8 | 22.3 | 27.3 | 65 | -13 | 5.2 | -1.3 | 30.6 | 0 | 31 | 0 | 00 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 0 | 0 |
| Mahuva | 0830 | 9 | 1004.5 | 1003.5 | .. | 26.5 | 24.9 | 24.2 | 30.2 | 87 | .. | 5.7 | .. | 4.5 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 2 | 9 | 15 | 1 | 4 | 0 |
| | 1730 | 9 | 1002.4 | 1001.4 | .. | 29.4 | 25.8 | 24.1 | 30.2 | 74 | .. | 6.3 | .. | 12.0 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 3 | 25 | 2 | 1 | 0 | 0 |
| Veraval | 0230 | 8 | 1003.7 | 1002.8 | .. | 26.8 | 25.2 | 24.5 | 30.7 | 88 | .. | 4.5 | .. | 21.3 | 0 | 20 | 11 | 00 | 0 | 0 | 0 | 1 | 11 | 15 | 4 | 0 | 0 |
| | 0530 | 8 | 1003.4 | 1002.5 | .. | 26.6 | 25.1 | 24.4 | 30.7 | 88 | .. | 5.2 | .. | 22.5 | 0 | 19 | 10 | 00 | 0 | 0 | 0 | 0 | 11 | 16 | 2 | 2 | 0 |
| | 0830 | 8 | 1004.9 | 1004.0 | +0.4 | 27.1 | 25.3 | 24.6 | 30.7 | 86 | - 3 | 5.5 | -1.5 | 19.4 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 6 | 21 | 3 | 1 | 0 |
| | 1130 | 8 | 1005.5 | 1004.6 | .. | 28.8 | 26.0 | 24.9 | 31.3 | 79 | .. | 5.0 | .. | 21.6 | 0 | 20 | 11 | 00 | 0 | 0 | 0 | 0 | 6 | 22 | 3 | 0 | 0 |
| | 1430 | 8 | 1004.2 | 1003.3 | .. | 29.1 | 26.1 | 24.8 | 31.3 | 77 | .. | 5.3 | .. | 23.7 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 6 | 21 | 4 | 0 | 0 |
| | 1730 | 8 | 1003.3 | 1002.4 | +0.8 | 28.5 | 25.9 | 24.7 | 31.3 | 80 | - 9 | 5.5 | -1.0 | 22.5 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 0 | 8 | 19 | 4 | 0 | 0 |
| | 2030 | 8 | 1004.1 | 1003.2 | .. | 27.2 | 25.4 | 24.6 | 30.9 | 86 | .. | 4.0 | .. | 19.8 | 0 | 17 | 14 | 00 | 0 | 0 | 0 | 0 | 9 | 18 | 4 | 0 | 0 |
| | 2330 | 8 | 1005.0 | 1004.1 | .. | 27.0 | 25.4 | 24.7 | 31.1 | 88 | .. | 3.8 | .. | 20.4 | 0 | 18 | 12 | 01 | 0 | 0 | 0 | 1 | 12 | 12 | 4 | 1 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1006.1 | 1005.6 | +1.3 | 27.1 | 25.3 | 24.5 | 30.7 | 86 | - 3 | . | .. | 22.8 | 0 | 19 | 12 | 00 | 0 | 3 | 1 | 1 | 12 | 13 | 1 | 0 | 0 |
| | 1730 | 5 | 1004.7 | 1004.2 | +1.7 | 28.6 | 26.1 | 25.0 | 31.9 | 81 | - 3 | . | .. | 24.4 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 4 | 18 | 9 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1005.0 | 1003.4 | +0.9 | 26.3 | 24.7 | 23.9 | 29.8 | 87 | + 3 | 6.3 | -0.2 | 13.2 | 0 | 8 | 17 | 00 | 0 | 1 | 1 | 0 | 7 | 16 | 0 | 6 | 0 |
| | 0530 | 14 | 1004.9 | 1003.3 | .. | 26.2 | 24.6 | 23.8 | 29.5 | 87 | .. | 6.0 | .. | 12.9 | 0 | 7 | 20 | 00 | 0 | 3 | 1 | 0 | 7 | 14 | 2 | 4 | 0 |
| | 0830 | 14 | 1006.5 | 1004.8 | +0.7 | 26.7 | 24.9 | 24.1 | 30.0 | 86 | - 1 | 6.8 | -0.6 | 12.1 | 0 | 8 | 17 | 00 | 0 | 1 | 1 | 0 | 7 | 13 | 3 | 6 | 0 |
| | 1130 | 14 | 1006.9 | 1005.3 | .. | 28.4 | 25.7 | 24.5 | 30.7 | 80 | .. | 6.9 | .. | 17.5 | 0 | 16 | 13 | 01 | 0 | 0 | 0 | 1 | 8 | 15 | 4 | 2 | 0 |
| | 1430 | 14 | 1005.4 | 1003.8 | .. | 29.0 | 25.7 | 24.3 | 30.4 | 76 | .. | 6.7 | .. | 20.8 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 0 | 7 | 16 | 8 | 0 | 0 |
| | 1730 | 14 | 1004.7 | 1003.1 | +0.8 | 28.2 | 25.3 | 23.9 | 30.0 | 78 | - 4 | 6.9 | -0.4 | 18.4 | 0 | 14 | 17 | 00 | 0 | 0 | 0 | 0 | 6 | 22 | 3 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At Mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Santacruz) (Contd.)..... | 2030 | 14 | 1005.8 | 1004.2 | .. | 26.8 | 24.8 | 23.9 | 29.7 | 85 | .. | 5.9 | .. | 12.5 | 0 | 6 | 19 | 01 | 0 | 1 | 0 | 0 | 7 | 14 | 2 | 6 | 0 |
| | 2330 | 14 | 1006.5 | 1004.9 | .. | 26.6 | 24.8 | 24.0 | 29.8 | 86 | .. | 6.0 | .. | 11.9 | 0 | 6 | 19 | 00 | 1 | 0 | 0 | 1 | 8 | 15 | 0 | 6 | 0 |
| Bombay ..... | 0830 | 11 | 1006.5 | 1005.3 | +0.6 | 26.9 | 25.2 | 24.4 | 30.7 | 87 | + 2 | 7.1 | +0.2 | 11.7 | 0 | 4 | 25 | 00 | 0 | 2 | 1 | 0 | 8 | 15 | 3 | 2 | 0 |
| | 1130 | 11 | 1006.9 | 1005.7 | .. | 29.0 | 26.0 | 24.7 | 31.1 | 78 | .. | 6.5 | .. | 11.2 | 0 | 1 | 30 | 01 | 0 | 0 | 1 | 1 | 7 | 18 | 3 | 0 | 0 |
| | 1730 | 11 | 1004.8 | 1003.6 | +0.7 | 28.1 | 25.4 | 24.2 | 30.4 | 80 | - 4 | 6.6 | -0.2 | 11.4 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 1 | 5 | 19 | 5 | 0 | 0 |
| Alibag ..... | 0830 | 7 | 1006.4 | 1005.6 | -0.1 | 26.9 | 25.6 | 25.1 | 31.9 | 89 | + 2 | 7.1 | +0.1 | 17.6 | 0 | 15 | 12 | 01 | 1 | 1 | 4 | 0 | 14 | 0 | 1 | 4 | 5 |
| Bhira ..... | 0830 | 96 | 1006.5 | 995.6 | .. | 24.8 | 24.0 | 23.7 | 29.1 | 93 | .. | 7.0 | .. | 1.7 | 0 | 0 | 14 | 00 | 0 | 1 | 6 | 1 | 2 | 2 | 2 | 17 | 0 |
| | 1730 | 96 | 1004.3 | 993.5 | .. | 26.5 | 24.6 | 23.7 | 29.3 | 85 | .. | 7.7 | .. | 1.4 | 0 | 0 | 16 | 01 | 1 | 0 | 2 | 0 | 10 | 2 | 0 | 15 | 0 |
| Harnai ..... | 0830 | 20 | 1006.9 | 1004.6 | +0.5 | 26.7 | 25.4 | 24.8 | 31.5 | 89 | + 0 | 7.7 | +0.6 | 15.7 | 0 | 13 | 15 | 00 | 1 | 1 | 3 | 3 | 0 | 15 | 5 | 3 | 0 |
| | 1730 | 20 | 1005.2 | 1002.9 | +0.4 | 27.7 | 25.7 | 24.8 | 31.3 | 84 | - 2 | 7.6 | +0.6 | 23.0 | 0 | 22 | 9 | 06 | 0 | 0 | 0 | 1 | 1 | 15 | 7 | 0 | 1 |
| Ratnagiri ..... | 0830 | 35 | 1007.6 | 1003.6 | +0.6 | 26.5 | 24.9 | 24.2 | 30.2 | 87 | - 2 | 7.2 | +0.6 | 11.8 | 0 | 5 | 24 | 00 | 0 | 1 | 4 | 1 | 4 | 11 | 8 | 2 | 0 |
| | 1730 | 35 | 1005.5 | 1001.6 | +0.3 | 28.0 | 25.5 | 24.4 | 30.7 | 81 | - 5 | 6.1 | -0.8 | 14.9 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 5 | 16 | 9 | 1 | 0 |
| Devgarh ..... | 0830 | 36 | 1007.5 | 1003.5 | +0.2 | 26.1 | 24.9 | 24.3 | 30.5 | 90 | - 1 | 6.4 | -0.7 | 15.4 | 0 | 12 | 17 | 00 | 0 | 6 | 1 | 1 | 1 | 16 | 4 | 2 | 0 |
| | 1730 | 36 | 1005.8 | 1001.8 | +0.3 | 27.4 | 25.5 | 24.6 | 31.1 | 83 | - 4 | 6.0 | -1.0 | 19.2 | 0 | 12 | 18 | 00 | 0 | 1 | 0 | 0 | 1 | 16 | 12 | 1 | 0 |
| Vengurla ..... | 0230 | 9 | 1007.2 | 1006.2 | .. | 25.4 | 24.6 | 24.2 | 30.2 | 93 | .. | 5.5 | .. | 1.6 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 22 | 0 |
| | 0530 | 9 | 1006.6 | 1005.6 | .. | 25.0 | 24.3 | 23.9 | 29.7 | 94 | .. | 5.8 | .. | 2.8 | 0 | 0 | 12 | 01 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 19 | 0 |
| | 0830 | 9 | 1008.2 | 1007.2 | +0.2 | 26.0 | 25.0 | 24.5 | 30.9 | 91 | + 1 | 6.2 | -0.9 | 2.3 | 0 | 0 | 14 | 00 | 0 | 3 | 0 | 1 | 2 | 7 | 1 | 17 | 0 |
| | 1130 | 9 | 1008.5 | 1007.5 | .. | 28.1 | 25.8 | 24.8 | 31.5 | 82 | .. | 6.4 | .. | 5.2 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 11 | 14 | 3 | 3 | 0 |
| | 1730 | 9 | 1006.2 | 1005.2 | +0.1 | 27.5 | 25.3 | 24.3 | 30.4 | 83 | - 2 | 6.9 | -0.3 | 6.5 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 1 | 5 | 13 | 9 | 2 | 0 |
| | 2330 | 9 | 1008.4 | 1007.4 | .. | 25.7 | 24.8 | 24.4 | 30.5 | 93 | .. | 5.5 | .. | 2.7 | 0 | 0 | 13 | 03 | 0 | 1 | 0 | 0 | 0 | 8 | 1 | 18 | 0 |
| Panjim ..... | 0530 | 60 | 1006.5 | 999.7 | .. | 25.2 | 24.2 | 23.8 | 29.3 | 92 | .. | 6.3 | .. | 7.6 | 0 | 1 | 20 | 02 | 0 | 4 | 0 | 1 | 1 | 9 | 4 | 10 | 0 |
| | 0830 | 60 | 1008.1 | 1001.3 | .. | 26.1 | 24.6 | 23.9 | 29.7 | 88 | .. | 6.6 | .. | 7.0 | 0 | 0 | 23 | 04 | 1 | 2 | 1 | 1 | 2 | 8 | 4 | 8 | 0 |
| | 1130 | 60 | 1008.3 | 1001.5 | .. | 27.9 | 25.3 | 24.2 | 30.0 | 80 | .. | 6.5 | .. | 12.5 | 0 | 4 | 26 | 01 | 0 | 0 | 0 | 0 | 2 | 19 | 8 | 1 | 0 |
| | 1430 | 60 | 1006.6 | 999.9 | .. | 28.7 | 25.5 | 24.1 | 30.0 | 77 | .. | 6.5 | .. | 15.7 | 0 | 8 | 22 | 00 | 0 | 0 | 0 | 0 | 2 | 22 | 6 | 1 | 0 |
| | 1730 | 60 | 1005.9 | 999.2 | .. | 27.7 | 25.0 | 23.8 | 29.3 | 80 | .. | 6.7 | .. | 14.8 | 0 | 5 | 26 | 01 | 0 | 0 | 0 | 1 | 1 | 15 | 13 | 0 | 0 |
| | 2030 | 60 | 1007.5 | 1000.7 | .. | 26.0 | 24.5 | 23.8 | 29.7 | 88 | .. | 6.6 | .. | 9.9 | 0 | 0 | 30 | 04 | 0 | 1 | 0 | 1 | 2 | 8 | 14 | 1 | 0 |
| | 2330 | 60 | 1008.3 | 1001.5 | .. | 25.7 | 24.4 | 23.9 | 29.7 | 89 | .. | 6.0 | .. | 7.6 | 0 | 1 | 24 | 05 | 0 | 2 | 0 | 2 | 3 | 6 | 7 | 6 | 0 |
| Mormugao ..... | 0530 | 62 | 1005.8 | 998.8 | .. | 25.7 | 24.5 | 24.0 | 29.7 | 90 | .. | 5.8 | .. | 15.8 | 0 | 11 | 20 | 01 | 1 | 3 | 0 | 2 | 2 | 16 | 6 | 0 | 0 |
| | 0830 | 62 | 1007.3 | 1000.3 | -0.8 | 26.5 | 24.9 | 24.2 | 30.2 | 87 | + 0 | 6.0 | +0.1 | 12.6 | 0 | 7 | 23 | 03 | 4 | 1 | 1 | 2 | 2 | 11 | 6 | 1 | 0 |
| | 1130 | 62 | 1007.5 | 1000.6 | .. | 27.6 | 25.5 | 24.6 | 30.7 | 83 | .. | 6.0 | .. | 13.2 | 0 | 8 | 22 | 01 | 0 | 0 | 1 | 2 | 4 | 16 | 6 | 1 | 0 |
| | 1730 | 62 | 1005.2 | 998.3 | -0.6 | 27.6 | 25.4 | 24.4 | 30.5 | 83 | - 3 | 6.3 | +0.4 | 15.1 | 0 | 7 | 24 | 00 | 0 | 1 | 2 | 2 | 3 | 18 | 5 | 0 | 0 |
| Dabolim (Naval Air Station) ..... | 0530 | 52 | 1006.8 | 1001.0 | .. | 25.3 | 24.3 | 23.9 | 29.7 | 92 | .. | 6.5 | .. | .. | 0 | E 3 | 13 | 00 | 3 | 1 | 0 | 1 | 0 | 9 | 2 | 15 | 0 |
| | 0830 | 52 | 1008.2 | 1002.4 | .. | 26.4 | 24.9 | 24.3 | 30.4 | 88 | .. | 6.3 | .. | .. | 0 | E 4 | 16 | 03 | 1 | 1 | 0 | 1 | 2 | 7 | 5 | 11 | 0 |
| | 1130 | 52 | 1008.5 | 1002.7 | .. | 27.9 | 25.3 | 24.1 | 30.1 | 80 | .. | 6.0 | .. | .. | 0 | E 10 | 21 | 01 | 0 | 0 | 0 | 1 | 3 | 9 | 17 | 0 | 0 |
| | 1730 | 52 | 1006.1 | 1000.3 | .. | 27.9 | 25.3 | 23.9 | 30.0 | 80 | .. | 6.3 | .. | .. | 0 | E 12 | 19 | 03 | 0 | 0 | 0 | 0 | 2 | 8 | 18 | 0 | 0 |
| | 2330 | 52 | 1008.4 | 1002.5 | .. | 26.0 | 24.7 | 24.1 | 30.0 | 90 | .. | 6.3 | .. | .. | 0 | E 1 | 20 | 04 | 1 | 0 | 0 | 1 | 1 | 6 | 8 | 10 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar ..... | 0830 | 206 | 1005.3 | 982.2 | +1.4 | 25.3 | 23.8 | 23.0 | 28.3 | 87 | - 2 | 3.7 | -3.5 | 16.8 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 0 | 26 | 4 | 1 | 0 | 0 |
| | 1730 | 206 | 1001.8 | 978.9 | +0.7 | 28.5 | 24.3 | 22.2 | 26.9 | 70 | - 9 | 2.2 | -4.6 | 17.4 | 0 | 13 | 18 | 00 | 0 | 0 | 0 | 0 | 22 | 8 | 1 | 0 | 0 |
| Jalgaon ..... | 0830 | 201 | 1004.8 | 982.2 | +0.6 | 25.4 | 23.6 | 22.7 | 27.6 | 85 | - 2 | 6.6 | +0.7 | 13.8 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 6 | 16 | 9 | 0 | 0 |
| | 1730 | 201 | 1001.3 | 979.1 | +0.6 | 30.7 | 24.9 | 21.5 | 26.7 | 60 | -10 | 6.9 | +0.5 | 23.0 | 0 | 21 | 10 | 01 | 1 | 1 | 0 | 0 | 1 | 15 | 12 | 0 | 0 |
| Malegaon ..... | 0830 | 437 | 1004.9 | 956.5 | +0.7 | 25.2 | 22.4 | 20.9 | 24.9 | 77 | + 0 | 6.5 | +0.2 | 8.9 | 0 | 0 | 31 | 02 | 0 | 0 | 0 | 0 | 5 | 14 | 10 | 0 | 0 |
| | 1730 | 437 | 1002.0 | 954.0 | +0.8 | 27.8 | 23.4 | 21.0 | 25.2 | 67 | + 2 | 7.5 | +0.9 | 13.5 | 0 | 5 | 26 | 03 | 0 | 0 | 0 | 0 | 4 | 11 | 13 | 0 | 0 |
| Osar ..... | 0530 | 608 | 1004.7[d] | 937.2[d] | .. | 21.5* | 20.5* | 20.0* | 23.4 | 90* | .. | 5.3* | .. | 13.1* | 0 | 7 | 12 | 00 | 0 | 0 | 0 | 0 | 0 | 17 | 2 | 7 | 0 |
| | 0830 | 608 | 1005.3 | 938.2 | .. | 23.7 | 21.6 | 20.6 | 24.1 | 83 | .. | 6.3 | .. | 22.0 | 0 | 18 | 12 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 1 |
| | 1130 | 608 | 1005.1 | 938.6 | .. | 26.2 | 22.3 | 20.4 | 24.1 | 71 | .. | 6.6 | .. | 27.0 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 3 | 23 | 5 | 0 | 0 |
| | 1430 | 608 | 1003.2 | 936.9 | .. | 27.0 | 22.8 | 20.8 | 24.7 | 70 | .. | 6.5 | .. | 31.4 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 0 | 2 | 21 | 8 | 0 | 0 |
| | 1730 | 608 | 1003.0 | 936.4 | .. | 24.9 | 22.0 | 20.5 | 24.4 | 77 | .. | 6.5 | .. | 33.0 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 1 | 24 | 6 | 0 | 0 |
| Ahmadnagar ..... | 0830 | 657 | 1005.9 | 933.7 | +0.8 | 23.7 | 21.0 | 19.6 | 22.9 | 78 | - 2 | 7.3 | +1.1 | 7.3 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 0 | 15 | 2 | 9 | 4 | 0 |
| | 1730 | 657 | 1001.7 | 930.8 | +0.3 | 28.1 | 22.1 | 19.1 | 22.1 | 59 | - 4 | 7.4 | +0.8 | 14.8 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 20 | 0 | 11 | 0 | 0 |
| Poona (Aerodrome) ..... | 0230 | 593 | 1005.3 | 939.4 | .. | 21.7 | 20.6 | 20.0 | 23.5 | 90 | .. | 4.9 | .. | 15.0 | 0 | 6 | 23 | 00 | 0 | 0 | 0 | 0 | 12 | 16 | 1 | 2 | 0 |
| | 0530 | 593 | 1005.2 | 939.2 | .. | 21.4 | 20.6 | 20.2 | 23.7 | 90 | .. | 5.5 | .. | 14.0 | 0 | 5 | 24 | 00 | 0 | 0 | 0 | 0 | 12 | 16 | 1 | 2 | 0 |
| | 0830 | 593 | 1006.1 | 940.5 | .. | 23.2 | 21.4 | 20.5 | 24.1 | 85 | .. | 6.5 | .. | 19.5 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 1 | 17 | 12 | 1 | 0 | 0 |
| | 1130 | 593 | 1005.6 | 940.7 | .. | 26.3 | 22.1 | 20.0 | 23.5 | 69 | .. | 6.6 | .. | 25.0 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 11 | 19 | 1 | 0 | 0 |
| | 1730 | 593 | 1003.6 | 938.5 | .. | 25.1 | 21.8 | 20.2 | 23.8 | 75 | .. | 6.5 | .. | 28.8 | 0 | 29 | 2 | 00 | 0 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 |
| | 2330 | 593 | 1006.5 | 940.7 | .. | 22.4 | 20.9 | 20.0 | 23.5 | 88 | .. | 4.7 | .. | 18.9 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 0 | 12 | 18 | 1 | 0 | 0 |
| Poona ..... | 0530 | 559 | 1005.1 | 943.0 | .. | 22.1 | 20.7 | 20.0 | 23.4 | 88 | .. | 6.2 | .. | 6.9 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 1 | 24 | 0 | 6 | 0 |
| | 0830 | 559 | 1006.4 | 944.5 | +0.6 | 23.7 | 21.5 | 20.4 | 24.0 | 82 | - 2 | 6.7 | -0.2 | 7.2 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 0 | 23 | 2 | 6 | 0 |
| | 1130 | 559 | 1005.9 | 944.6 | .. | 26.4 | 22.3 | 20.3 | 23.8 | 70 | .. | 6.8 | .. | 13.5 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 3 | 26 | 2 | 0 | 0 |
| | 1430 | 559 | 1004.1 | 943.1 | .. | 27.2 | 22.5 | 20.3 | 23.8 | 67 | .. | 6.7 | .. | 16.0 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 0 | 2 | 28 | 1 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-root standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poona (Contd.) | 1730 | 559 | 1003.9 | 942.5 | +0.6 | 25.1 | 21.9 | 20.3 | 24.0 | 75 | - 5 | 6.9 | +0.0 | 14.5 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 0 | 1 | 29 | 1 | 0 | 0 |
| | 2030 | 559 | 1005.9 | 943.9 | .. | 23.3 | 21.2 | 20.1 | 23.5 | 82 | .. | 5.8 | .. | 10.3 | 0 | 2 | 28 | 00 | 0 | 0 | 0 | 0 | 2 | 27 | 1 | 1 | 0 |
| Jeur | 2330 | 559 | 1006.6 | 944.5 | .. | 22.7 | 20.9 | 20.0 | 23.4 | 85 | .. | 5.4 | .. | 8.5 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 0 | 1 | 27 | 1 | 2 | 0 |
| | 0830 | 521 | 1005.9 | 948.2 | +0.7 | 24.4 | 21.8 | 20.6 | 24.3 | 79 | - 4 | 6.3 | +0.8 | 9.0 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 1 | 3 | 14 | 12 | 0 | 0 |
| Baramati | 1730 | 521 | 1001.5 | 945.1 | +0.4 | 30.2 | 22.7 | 19.0 | 22.1 | 53 | -11 | 6.5 | +0.4 | 20.6 | 0 | 18 | 13 | 02 | 0 | 1 | 0 | 0 | 0 | 15 | 13 | 0 | 0 |
| | 0830 | 551 | 1006.0 | 945.2 | +0.7 | 24.3 | 21.8 | 20.7 | 24.4 | 80 | - 2 | 5.5 | -0.9 | 10.3 | 0 | 2 | 29 | 01 | 0 | 0 | 0 | 1 | 2 | 21 | 6 | 0 | 0 |
| Sholapur | 1730 | 551 | 1002.6 | 942.7 | +0.9 | 27.8 | 22.9 | 20.6 | 24.4 | 66 | - 1 | 5.6 | -1.3 | 24.1 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 |
| | 0530 | 479 | 1005.5 | 952.1 | .. | 23.0 | 21.3 | 20.4 | 24.1 | 86 | .. | 5.0 | .. | 3.4 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 5 | 13 | 3 | 10 | 0 |
| | 0830 | 479 | 1006.8 | 953.7 | +0.8 | 24.7 | 22.1 | 20.8 | 24.7 | 79 | + 0 | 6.0 | +0.1 | 5.4 | 0 | 0 | 29 | 02 | 1 | 0 | 0 | 0 | 6 | 16 | 4 | 2 | 0 |
| | 1130 | 479 | 1005.5 | 953.2 | .. | 29.2 | 23.3 | 20.6 | 24.3 | 61 | .. | 6.5 | .. | 11.0 | 0 | 2 | 28 | 04 | 0 | 0 | 0 | 0 | 3 | 15 | 8 | 1 | 0 |
| | 1430 | 479 | 1002.5 | 950.8 | .. | 31.4 | 23.5 | 19.7 | 23.2 | 51 | .. | 6.9 | .. | 9.5 | 0 | 4 | 24 | 01 | 0 | 0 | 0 | 0 | 1 | 23 | 3 | 3 | 0 |
| | 1730 | 479 | 1001.4 | 949.6 | +0.3 | 30.6 | 23.1 | 19.6 | 22.7 | 53 | - 6 | 7.4 | +0.7 | 6.2 | 0 | 1 | 29 | 00 | 4 | 1 | 1 | 4 | 11 | 8 | 1 | 1 | 0 |
| | 2330 | 479 | 1006.2 | 953.3 | .. | 25.2 | 22.0 | 20.5 | 24.1 | 76 | .. | 5.5 | .. | 8.7 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 6 | 18 | 4 | 2 | 0 |
| Miraj | 0830 | 554 | 1007.5 | 946.2 | +0.7 | 23.5 | 21.5 | 20.5 | 24.1 | 83 | - 4 | 6.6 | -0.2 | .. | 0 | E 0 | 19 | 00 | 0 | 0 | 0 | 0 | 0 | 18 | 1 | 12 | 0 |
| Kolhapur | 1730 | 554 | 1004.1 | 943.7 | +0.4 | 27.2 | 22.2 | 19.8 | 23.1 | 64 | -10 | 6.7 | -0.1 | .. | 0 | E 0 | 31 | 00 | 0 | 0 | 0 | 0 | 1 | 28 | 2 | 0 | 0 |
| | 0530 | 570 | 1005.9 | 942.6 | .. | 21.5 | 20.8 | 20.5 | 24.1 | 93 | .. | 5.3 | .. | 6.8 | 0 | 0 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 21 | 1 | 7 | 0 |
| | 0830 | 570 | 1007.0 | 943.8 | +0.3 | 22.8 | 21.6 | 20.9 | 24.9 | 89 | - 2 | 6.3 | -0.8 | 6.1 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 5 | 14 | 2 | 10 | 0 |
| | 1130 | 570 | 1006.5 | 944.0 | .. | 25.9 | 22.6 | 20.9 | 25.0 | 75 | .. | 5.8 | .. | 11.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 5 | 20 | 5 | 1 | 0 |
| | 1730 | 570 | 1004.2 | 941.8 | +0.3 | 25.3 | 22.2 | 20.8 | 24.6 | 76 | - 7 | 6.0 | -1.0 | 15.0 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 0 | 6 | 18 | 7 | 0 | 0 |
| | 2330 | 570 | 1007.2 | 943.9 | .. | 22.3 | 21.1 | 20.6 | 24.1 | 90 | .. | 4.6 | .. | 7.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 1 | 29 | 1 | 0 | 0 |
| Udgiri | 0830 | | .. | .. | .. | 20.0 | 19.8 | 19.6 | 22.9 | 98 | .. | 7.5 | .. | 14.3 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 19 | 10 | 0 | 0 |
| **MARATHWADA** | 1730 | | .. | .. | .. | 20.4 | 20.0 | 19.8 | 23.1 | 96 | .. | 7.2 | .. | 14.1 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 2 | 15 | 14 | 0 | 0 |
| Aurangabad | 0830 | 581 | 1005.8 | 941.7 | +0.5 | 23.6 | 21.6 | 20.6 | 24.3 | 84 | - 3 | 6.2 | -0.7 | 14.7 | 0 | 10 | 21 | 00 | 0 | 0 | 0 | 0 | 3 | 27 | 1 | 0 | 0 |
| Aurangabad (Chikalthan) | 1730 | 581 | 1001.7 | 938.6 | +0.4 | 27.5 | 22.6 | 20.3 | 23.8 | 65 | - 4 | 6.6 | -0.4 | 13.8 | 0 | 6 | 24 | 01 | 0 | 0 | 0 | 0 | 3 | 20 | 6 | 1 | 0 |
| | 0230 | 579 | 1004.2 | 940.0 | .. | 22.3 | 20.7 | 20.0 | 23.2 | 87 | .. | 5.9 | .. | 11.7 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 0 |
| | 0530 | 579 | 1004.4 | 940.0 | .. | 21.7 | 20.4 | 19.8 | 22.9 | 89 | .. | 5.7 | .. | 10.5 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 2 | 3 | 0 |
| | 0830 | 579 | 1005.2 | 941.5 | +1.1 | 23.8 | 21.4 | 20.1 | 23.7 | 80 | - 5 | 6.4 | -0.6 | 15.4 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 0 | 1 | 24 | 6 | 0 | 0 |
| | 1130 | 579 | 1004.7 | 941.5 | .. | 27.1 | 22.2 | 19.6 | 23.2 | 64 | .. | 6.1 | .. | 21.8 | 0 | 17 | 14 | 02 | 0 | 0 | 0 | 0 | 2 | 21 | 6 | 0 | 0 |
| | 1430 | 579 | 1002.1 | 939.3 | .. | 28.7 | 22.7 | 19.8 | 23.2 | 60 | .. | 6.8 | .. | 18.7 | 0 | 11 | 20 | 01 | 0 | 1 | 0 | 0 | 1 | 18 | 10 | 0 | 0 |
| | 1730 | 579 | 1001.3 | 938.4 | +0.8 | 27.6 | 22.4 | 19.7 | 23.2 | 64 | - 6 | 6.9 | -0.2 | 18.3 | 0 | 13 | 17 | 02 | 0 | 0 | 1 | 0 | 1 | 16 | 10 | 1 | 0 |
| | 2030 | 579 | 1004.1 | 940.4 | .. | 24.8 | 21.7 | 20.2 | 23.7 | 76 | .. | 5.9 | .. | 14.8 | 0 | 6 | 24 | 01 | 0 | 0 | 0 | 0 | 0 | 21 | 8 | 1 | 0 |
| | 2330 | 579 | 1005.2 | 941.2 | .. | 23.3 | 21.1 | 19.9 | 23.4 | 82 | .. | 5.8 | .. | 12.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 1 | 0 |
| Parbhani | 0830 | 423 | 1005.8 | 958.8 | +0.9 | 24.9 | 22.0 | 20.4 | 24.1 | 78 | - 4 | 5.3 | -1.1 | 14.6 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 1 | 21 | 9 | 0 | 0 |
| Nander | 1730 | 423 | 1000.6 | 955.0 | +0.5 | 31.1 | 23.4 | 19.2 | 22.4 | 51 | -15 | 6.0 | -0.6 | 12.4 | 0 | 5 | 26 | 05 | 2 | 0 | 0 | 0 | 0 | 12 | 12 | 0 | 0 |
| | 0830 | 358 | 1005.7 | 965.8 | .. | 26.1 | 23.0 | 21.5 | 25.6 | 76 | .. | 5.8 | .. | 5.6 | 0 | 0 | 27 | 00 | 0 | 0 | 1 | 0 | 7 | 12 | 7 | 4 | 0 |
| | 1730 | 358 | 1002.0 | 962.7 | .. | 29.7 | 24.7 | 22.3 | 26.9 | 68 | .. | 7.3 | .. | 5.1 | 0 | 0 | 27 | 00 | 1 | 1 | 1 | 0 | 9 | 9 | 6 | 4 | 0 |
| Bir | 0830 | 519 | 1005.9 | 948.7 | .. | 25.1 | 22.2 | 20.8 | 24.7 | 77 | .. | 4.1 | .. | 8.4 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 9 | 0 | 21 | 1 | 0 |
| **VIDARBHA** | 1730 | 519 | 1001.2 | 945.2 | .. | 30.8 | 23.3 | 19.6 | 23.1 | 53 | .. | 4.7 | .. | 10.5 | 0 | 1 | 30 | 00 | 1 | 0 | 1 | 0 | 5 | 0 | 24 | 0 | 0 |
| Gondia | 0830 | 313 | 1003.5 | 968.7 | +1.0 | 26.3 | 24.3 | 23.2 | 28.8 | 83 | - 3 | 3.0 | -4.0 | 2.5 | 0 | 0 | 25 | 05 | 0 | 0 | 0 | 2 | 10 | 6 | 0 | 6 | 2 |
| Nagpur (Sonegaon) | 1730 | 313 | 1000.2 | 965.7 | +0.9 | 28.2 | 24.8 | 23.1 | 28.4 | 75 | - 4 | 2.5 | -4.5 | 2.6 | 0 | 0 | 24 | 02 | 1 | 0 | 0 | 1 | 10 | 7 | 3 | 7 | 0 |
| | 0230 | 310 | 1002.0 | 967.3 | .. | 24.8 | 23.7 | 23.2 | 28.4 | 91 | .. | 6.5 | .. | 4.1 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 1 | 12 | 6 | 3 | 9 | 0 |
| | 0530 | 310 | 1002.2 | 967.5 | .. | 24.3 | 23.5 | 23.0 | 28.3 | 92 | .. | 6.8 | .. | 3.5 | 0 | 0 | 22 | 01 | 0 | 0 | 0 | 1 | 9 | 9 | 2 | 9 | 0 |
| | 0830 | 310 | 1003.7 | 969.2 | +1.0 | 26.4 | 24.2 | 23.1 | 28.4 | 83 | - 2 | 6.6 | -0.4 | 9.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 6 | 14 | 11 | 0 | 0 |
| | 1130 | 310 | 1003.3 | 969.1 | .. | 29.1 | 24.8 | 22.8 | 27.8 | 70 | .. | 7.0 | .. | 11.9 | 0 | 4 | 26 | 01 | 1 | 0 | 0 | 1 | 3 | 13 | 11 | 1 | 0 |
| | 1430 | 310 | 1000.7 | 966.8 | .. | 30.1 | 25.4 | 22.9 | 28.4 | 67 | .. | 6.9 | .. | 12.3 | 0 | 3 | 28 | 02 | 1 | 0 | 0 | 0 | 3 | 13 | 12 | 0 | 0 |
| | 1730 | 310 | 1000.1 | 966.0 | +0.9 | 29.2 | 24.7 | 22.6 | 27.4 | 70 | - 4 | 6.6 | -0.7 | 11.9 | 0 | 0 | 30 | 01 | 1 | 2 | 1 | 1 | 3 | 12 | 9 | 1 | 0 |
| | 2030 | 310 | 1002.5 | 968.0 | .. | 26.4 | 24.3 | 23.3 | 28.6 | 84 | .. | 6.5 | .. | 5.1 | 0 | 0 | 22 | 01 | 0 | 1 | 1 | 0 | 4 | 6 | 9 | 9 | 0 |
| | 2330 | 310 | 1003.1 | 968.5 | .. | 25.5 | 24.0 | 23.2 | 28.6 | 88 | .. | 6.2 | .. | 3.7 | 0 | 0 | 23 | 01 | 0 | 1 | 0 | 0 | 7 | 8 | 6 | 8 | 0 |
| Amraoti | 0830 | 370 | 1004.2 | 963.0 | +0.6 | 25.1 | 22.8 | 21.6 | 25.9 | 81 | - 2 | 6.0 | -0.6 | 5.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 9 | 17 | 5 | 0 | 0 |
| Akola Aerodrome | 1730 | 370 | 1000.5 | 960.0 | +0.9 | 28.8 | 23.6 | 20.9 | 24.9 | 65 | - 4 | 6.2 | -0.8 | 5.7 | 0 | 0 | 30 | 03 | 1 | 0 | 0 | 0 | 7 | 11 | 8 | 1 | 0 |
| | 0530 | 309 | 1002.5 | 967.9 | .. | 24.3 | 22.2 | 21.1 | 25.0 | 83 | .. | 6.2 | .. | 6.5 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 7 | 18 | 5 | 1 | 0 |
| | 0830 | 309 | 1003.9 | 969.4 | .. | 25.5 | 22.8 | 21.3 | 25.6 | 78 | .. | 6.7 | .. | 8.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 11 | 10 | 10 | 0 | 0 |
| | 1130 | 309 | 1003.5 | 969.4 | .. | 28.7 | 23.7 | 21.1 | 25.2 | 64 | .. | 6.8 | .. | 10.1 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 2 | 17 | 12 | 0 | 0 |
| | 1430 | 309 | 1000.9 | 967.1 | .. | 30.6 | 24.2 | 20.9 | 25.0 | 58 | .. | 6.8 | .. | 10.6 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 5 | 14 | 11 | 0 | 0 |
| | 1730 | 309 | 1000.1 | 966.2 | .. | 29.8 | 23.7 | 20.5 | 24.4 | 61 | .. | 6.6 | .. | 8.6 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 2 | 16 | 12 | 0 | 0 |
| | 2030 | 309 | 1002.1 | 967.9 | .. | 27.1 | 23.4 | 21.5 | 25.6 | 73 | .. | 6.4 | .. | 7.5 | 0 | 1 | 30 | 03 | 0 | 0 | 0 | 1 | 7 | 11 | 9 | 0 | 0 |
| | 2330 | 309 | 1003.2 | 968.7 | .. | 25.9 | 23.0 | 21.4 | 25.7 | 77 | .. | 6.4 | .. | 9.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 8 | 14 | 9 | 0 | 0 |
| Akola | 0830 | 282 | 1004.5 | 972.9 | +0.7 | 25.6 | 23.3 | 22.1 | 26.6 | 82 | + 0 | 6.6 | +0.7 | 2.1 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 0 | 3 | 17 | 2 | 9 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Akola (Contd.) | 1730 | 282 | 1000.3 | 969.4 | +0.5 | 29.9 | 24.5 | 21.8 | 26.3 | 65 | - 2 | 6.9 | +1.0 | 3.2 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 6 | 9 | 13 | 3 | 0 |
| Bramhapuri | 0830 | 229 | 1004.0 | 978.4 | +1.1 | 26.1 | 24.4 | 23.6 | 29.3 | 86 | - 3 | 6.7 | -0.4 | 4.5 | 0 | 0 | 30 | 00 | 1 | 0 | 0 | 6 | 13 | 9 | 1 | 1 | 0 |
| | 1730 | 229 | 1000.5 | 975.2 | +0.9 | 29.0 | 25.3 | 23.5 | 29.3 | 74 | - 6 | 6.8 | -0.1 | 7.4 | 0 | 1 | 30 | 02 | 4 | 2 | 0 | 4 | 5 | 6 | 8 | 0 | 0 |
| Buldana | 0830 | 650 | 1004.6 | 932.9 | +0.7 | 22.8 | 20.8 | 19.9 | 23.1 | 84 | - 4 | 6.2 | -0.5 | 8.1 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 4 | 5 | 18 | 4 | 0 |
| | 1730 | 650 | 1000.7 | 930.3 | +0.4 | 27.0 | 22.5 | 20.3 | 23.8 | 69 | - 9 | 6.7 | -0.2 | 5.5 | 0 | 1 | 26 | 01 | 0 | 0 | 0 | 0 | 3 | 0 | 23 | 4 | 0 |
| Yeotmal | 0830 | 451 | 1003.8 | 953.9 | +0.6 | 25.5 | 22.7 | 21.4 | 25.3 | 78 | - 9 | 6.7 | +0.0 | 15.7 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 4 | 23 | 4 | 0 | 0 |
| | 1730 | 451 | 1000.1 | 950.9 | +0.4 | 28.4 | 23.7 | 21.3 | 25.3 | 68 | - 7 | 6.5 | -0.4 | 11.1 | 0 | 1 | 30 | 04 | 2 | 0 | 0 | 1 | 3 | 17 | 4 | 0 | 0 |
| Chandrapur(see foto-note) | 0830 | 193 | 1004.1 | 982.4 | +0.4 | 26.5 | 24.5 | 23.5 | 29.1 | 84 | + 1 | 6.4 | -0.1 | 10.1 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 5 | 15 | 10 | 0 | 0 |
| | 1730 | 193 | 1000.5 | 979.1 | +0.4 | 29.4 | 25.4 | 23.5 | 29.1 | 72 | - 2 | 6.6 | -0.1 | 10.3 | 0 | 3 | 27 | 02 | 2 | 2 | 1 | 2 | 3 | 6 | 12 | 1 | 0 |
| Pusad | 0830 | 334 | 1005.3 | 968.0 | .. | 25.9 | 23.0 | 21.5 | 25.6 | 77 | .. | 5.9 | .. | 10.5 | 0 | 3 | 28 | 01 | 0 | 0 | 0 | 0 | 18 | 6 | 6 | 0 | 0 |
| | 1730 | 334 | 1001.3 | 964.9 | .. | 30.6 | 24.7 | 21.7 | 26.3 | 60 | .. | 6.3 | .. | 10.2 | 0 | 2 | 28 | 01 | 0 | 0 | 0 | 1 | 19 | 1 | 8 | 1 | 0 |
| Sironcha | 0830 | 123 | 1005.0 | 991.1 | +0.9 | 26.8 | 25.3 | 24.6 | 31.1 | 88 | + 1 | 6.7 | -0.1 | 1.9 | 0 | 0 | 27 | 01 | 1 | 0 | 8 | 0 | 8 | 1 | 8 | 4 | 0 |
| | 1730 | 123 | 1001.2 | 987.6 | +0.7 | 29.6 | 25.8 | 24.1 | 30.0 | 73 | - 2 | 6.9 | -0.1 | 1.7 | 0 | 0 | 21 | 01 | 3 | 1 | 4 | 0 | 5 | 0 | 7 | 10 | 0 |
| Wardha | 0830 | 283 | 1004.0 | 972.4 | .. | 26.0 | 23.7 | 22.5 | 27.6 | 81 | .. | 5.7 | .. | 9.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 12 | 15 | 4 | 0 | 0 |
| | 1730 | 283 | 1000.7 | 969.5 | .. | 29.4 | 24.4 | 21.9 | 26.9 | 66 | .. | 6.3 | .. | 11.8 | 0 | 1 | 30 | 01 | 0 | 0 | 1 | 0 | 7 | 11 | 11 | 0 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 26.2 | 24.3 | 23.4 | 28.9 | 85 | .. | . | .. | 11.0 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 1 | 15 | 10 | 4 | 0 | 1 |
| | 1730 | | .. | .. | .. | 29.6 | 25.0 | 22.9 | 27.9 | 70 | .. | . | .. | 8.9 | 0 | 1 | 30 | 04 | 3 | 0 | 1 | 1 | 14 | 3 | 3 | 0 | 2 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1003.7 | 1003.1 | +0.7 | 28.6 | 26.4 | 25.5 | 32.6 | 83 | + 0 | 5.3 | -0.4 | 10.1 | 0 | 5 | 26 | 02 | 0 | 0 | 0 | 6 | 6 | 3 | 3 | 0 | 11 |
| | 1730 | 6 | 1000.9 | 1000.3 | +1.1 | 29.5 | 26.9 | 25.3 | 33.2 | 81 | + 0 | 5.3 | -1.5 | 12.1 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 7 | 10 | 0 | 0 | 0 | 14 |
| Vishakhapatnam | 0230 | 3 | 1002.3 | 1001.9 | .. | 27.0 | 25.8 | 25.3 | 32.2 | 88 | .. | 5.1 | .. | 5.0 | 0 | 1 | 19 | 01 | 0 | 0 | 0 | 1 | 11 | 4 | 3 | 11 | 0 |
| | 0530 | 3 | 1002.8 | 1002.4 | .. | 26.5 | 25.5 | 25.1 | 31.9 | 92 | .. | 6.3 | .. | 3.7 | 0 | 1 | 13 | 00 | 0 | 0 | 0 | 0 | 8 | 5 | 1 | 17 | 0 |
| | 0830 | 3 | 1004.1 | 1003.7 | +0.8 | 28.6 | 26.0 | 25.0 | 31.5 | 81 | - 1 | 5.7 | -0.7 | 6.0 | 0 | 1 | 19 | 00 | 1 | 0 | 0 | 0 | 12 | 4 | 3 | 11 | 0 |
| | 1130 | 3 | 1003.5 | 1003.1 | .. | 31.1 | 27.3 | 25.7 | 33.0 | 72 | .. | 6.0 | .. | 14.0 | 0 | 5 | 24 | 00 | 1 | 2 | 2 | 0 | 17 | 6 | 1 | 2 | 0 |
| | 1430 | 3 | 1001.2 | 1000.8 | .. | 31.7 | 27.4 | 26.3 | 33.0 | 74 | .. | 5.5 | .. | 18.0 | 0 | 11 | 20 | 00 | 0 | 2 | 2 | 8 | 15 | 3 | 0 | 0 | 1 |
| | 1730 | 3 | 1001.2 | 1000.8 | +0.8 | 29.3 | 27.0 | 26.0 | 33.8 | 83 | + 0 | 6.0 | -0.5 | 14.7 | 0 | 10 | 19 | 00 | 1 | 0 | 0 | 5 | 19 | 2 | 2 | 2 | 0 |
| | 2030 | 3 | 1003.4 | 1003.0 | .. | 27.4 | 26.3 | 25.6 | 33.4 | 88 | .. | 5.2 | .. | 7.0 | 0 | 1 | 20 | 02 | 0 | 1 | 0 | 1 | 9 | 2 | 6 | 10 | 0 |
| | 2330 | 3 | 1003.8 | 1003.4 | .. | 27.5 | 26.2 | 25.6 | 33.0 | 90 | .. | 5.4 | .. | 5.2 | 0 | 0 | 17 | 00 | 0 | 0 | 1 | 2 | 6 | 6 | 2 | 14 | 0 |
| Kakinada | 0830 | 8 | 1004.6 | 1003.7 | +0.3 | 28.2 | 26.1 | 25.3 | 32.2 | 84 | + 3 | 5.4 | -0.2 | 9.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| | 1730 | 8 | 1001.3 | 1000.4 | +0.1 | 31.0 | 28.5 | 25.1 | 32.0 | 72 | - 2 | 5.2 | -0.5 | 10.7 | 0 | 0 | 31 | 00 | 0 | 0 | 1 | 0 | 28 | 0 | 2 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1004.7 | 1003.3 | +0.5 | 27.6 | 26.1 | 25.4 | 32.4 | 88 | + 1 | 7.1 | -0.1 | 8.4 | 0 | 1 | 26 | 00 | 0 | 1 | 0 | 4 | 7 | 14 | 1 | 4 | 0 |
| | 1730 | 12 | 1001.5 | 1000.1 | +0.5 | 30.0 | 26.6 | 25.2 | 32.1 | 76 | - 3 | 7.0 | +0.0 | 5.5 | 0 | 0 | 29 | 01 | 1 | 0 | 1 | 3 | 11 | 4 | 8 | 2 | 0 |
| Rentachintala | 0830 | 106 | 1005.3 | 993.5 | +0.3 | 28.6 | 24.3 | 22.2 | 26.9 | 69 | - 1 | 5.6 | -1.0 | 2.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| | 1730 | 106 | 1001.5 | 989.7 | +0.4 | 32.6 | 25.0 | 21.3 | 25.5 | 53 | - 2 | 6.1 | -0.8 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| Gannavaram | 0230 | 24 | 1002.8 | 1000.1 | .. | 26.7 | 25.7 | 25.1 | 32.2 | 91 | .. | 5.5 | .. | 5.1 | 0 | 0 | 20 | 01 | 0 | 0 | 0 | 8 | 5 | 4 | 2 | 11 | 0 |
| | 0530 | 24 | 1003.4 | 1000.7 | .. | 26.4 | 25.3 | 24.9 | 31.5 | 92 | .. | 6.4 | .. | .. | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 3 | 8 | 7 | 0 | 13 | 0 |
| | 0830 | 24 | 1005.1 | 1002.4 | +0.5 | 28.0 | 25.8 | 24.8 | 31.5 | 83 | + 4 | 5.9 | -0.6 | 8.7 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 0 | 9 | 17 | 3 | 2 | 0 |
| | 1130 | 24 | 1004.5 | 1001.8 | .. | 30.9 | 26.3 | 24.1 | 30.0 | 68 | .. | 5.7 | .. | 13.1 | 0 | 4 | 27 | 01 | 0 | 0 | 0 | 0 | 5 | 17 | 8 | 0 | 0 |
| | 1430 | 24 | 1002.0 | 999.3 | .. | 32.4 | 26.7 | 24.3 | 30.4 | 63 | .. | 5.9 | .. | 14.3 | 0 | 5 | 26 | 01 | 0 | 0 | 0 | 2 | 4 | 12 | 12 | 0 | 0 |
| | 1730 | 24 | 1001.5 | 998.8 | +0.4 | 31.3 | 26.4 | 24.3 | 30.4 | 68 | - 1 | 5.5 | -1.4 | 10.0 | 0 | 0 | 31 | 04 | 0 | 0 | 2 | 4 | 2 | 7 | 12 | 0 | 0 |
| | 2030 | 24 | 1003.7 | 1001.0 | .. | 28.3 | 26.2 | 25.3 | 32.2 | 84 | .. | 5.2 | .. | 6.9 | 0 | 2 | 19 | 02 | 0 | 1 | 0 | 7 | 2 | 4 | 5 | 10 | 0 |
| | 2330 | 24 | 1004.4 | 1001.7 | .. | 27.3 | 26.0 | 25.5 | 32.6 | 90 | .. | 5.3 | .. | 5.2 | 0 | 1 | 18 | 01 | 0 | 0 | 2 | 9 | 3 | 4 | 0 | 12 | 0 |
| Masulipatam | 0830 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 3 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Ongole | 0830 | 12 | 1005.3 | 1004.0 | +0.2 | 31.2 | 25.3 | 22.6 | 27.4 | 62 | -11 | 5.0 | -0.8 | 4.7 | 0 | 0 | 31 | 00 | 0 | 1 | 0 | 0 | 0 | 26 | 4 | 0 | 0 |
| | 1730 | 12 | 1001.9 | 1000.6 | +0.5 | 32.4 | 25.7 | 22.6 | 27.6 | 58 | - 7 | 5.7 | -0.5 | 3.3 | 0 | 0 | 30 | 01 | 1 | 3 | 7 | 1 | 1 | 11 | 5 | 0 | 0 |
| Nellore | 0530 | 20 | 1004.6 | 1002.4 | .. | 27.3 | 25.8 | 25.1 | 31.9 | 92 | .. | 7.2 | .. | 2.4 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 6 | 12 | 0 | 13 | 0 |
| | 0830 | 20 | 1005.9 | 1003.7 | +0.0 | 29.3 | 26.4 | 25.1 | 31.9 | 79 | +13 | 6.3 | +0.3 | 4.7 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 14 | 12 | 2 | 2 | 0 |
| | 1130 | 20 | 1005.3 | 1003.1 | .. | 33.1 | 27.4 | 25.3 | 31.9 | 65 | .. | 5.9 | .. | 10.5 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 9 | 15 | 7 | 0 | 0 |
| | 1430 | 20 | 1002.9 | 1000.7 | .. | 34.3 | 27.9 | 25.3 | 32.2 | 60 | .. | 6.5 | .. | 9.1 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 6 | 20 | 5 | 0 | 0 |
| | 1730 | 20 | 1002.2 | 1000.0 | +0.2 | 33.3 | 27.7 | 25.4 | 32.6 | 65 | +11 | 6.8 | +0.5 | 9.0 | 0 | 0 | 31 | 00 | 1 | 0 | 4 | 0 | 22 | 1 | 3 | 0 | 0 |
| | 2330 | 20 | 1005.2 | 1003.0 | .. | 28.7 | 26.8 | 26.0 | 33.8 | 86 | .. | 6.9 | .. | 5.2 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 14 | 12 | 3 | 1 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1004.4 | 987.0 | +0.9 | 26.8 | 25.1 | 24.0 | 30.4 | 90 | + 9 | 6.3 | -0.6 | 1.2 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 22 | 0 |
| | 1730 | 156 | 1001.1 | 983.8 | +0.8 | 30.8 | 25.8 | 23.6 | 29.8 | 67 | - 2 | 6.2 | -0.3 | 1.5 | 0 | 0 | 15 | 02 | 0 | 0 | 0 | 1 | 2 | 10 | 0 | 16 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1005.2 | 974.9 | +0.3 | 26.2 | 23.2 | 22.9 | 27.9 | 82 | + 4 | 5.3 | -0.5 | 1.9 | 0 | 0 | 29 | 02 | 0 | 0 | 0 | 3 | 1 | 17 | 6 | 2 | 0 |
| | 1730 | 269 | 1002.5 | 973.0 | +1.4 | 29.5 | 25.6 | 23.3 | 28.5 | 69 | + 2 | 4.8 | -1.2 | 2.0 | 0 | 0 | 31 | 13 | 3 | 0 | 1 | 1 | 0 | 8 | 5 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1004.1 | 936.6 | .. | 23.0 | 21.6 | 21.0 | 24.7 | 89 | .. | 6.3 | .. | 23.0 | 0 | 18 | 13 | 00 | 0 | 0 | 0 | 0 | 4 | 21 | 6 | 0 | 0 |

The name Chanda changed as Chandrapur from August 1966.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hakimpet Aerodrome (Contd.) | 0830 | 613 | 1005.1 | 937.8 | .. | 24.5 | 22.3 | 21.3 | 25.3 | 83 | .. | 6.3 | .. | 28.4 | 0 | 30 | 1 | 01 | 0 | 0 | 0 | 0 | 2 | 18 | 10 | 0 | 0 |
| | 1130 | 613 | 1004.2 | 937.7 | .. | 27.9 | 23.3 | 21.3 | 25.2 | 68 | .. | 6.3 | .. | 15.3 | 0 | 29 | 2 | 01 | 0 | 0 | 0 | 0 | 2 | 16 | 12 | 0 | 0 |
| | 1730 | 613 | 1001.9 | 935.3 | .. | 28.1 | 23.5 | 21.4 | 25.6 | 68 | .. | 6.5 | .. | 19.0 | 0 | 12 | 19 | 03 | 0 | 1 | 0 | 1 | 5 | 10 | 11 | 0 | 0 |
| | 2330 | 613 | 1004.3 | 937.9 | .. | 24.9 | 22.8 | 21.9 | 26.3 | 83 | .. | 6.3 | .. | 11.7 | 0 | 4 | 24 | 01 | 0 | 0 | 3 | 3 | 7 | 10 | 4 | 3 | 0 |
| Bhadrachalam | 0830 | 111 | 1004.4 | 991.8 | +0.0 | 26.5 | 25.1 | 24.4 | 30.7 | 85 | + 1 | 6.5 | -0.4 | 2.0 | 0 | 0 | 28 | 01 | 9 | 0 | 0 | 1 | 11 | 0 | 6 | 3 | 0 |
| | 1730 | 111 | 1001.0 | 988.7 | +0.2 | 30.2 | 26.4 | 24.7 | 31.3 | 73 | - 1 | 6.5 | -0.9 | 2.1 | 0 | 0 | 30 | 01 | 13 | 1 | 0 | 0 | 7 | 1 | 7 | 1 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1003.6 | 943.6 | .. | 24.7 | 21.9 | 20.5 | 24.2 | 78 | .. | 6.9 | .. | 11.0 | 0 | 4 | 24 | 01 | 0 | 0 | 0 | 1 | 2 | 18 | 6 | 3 | 0 |
| | 0530 | 545 | 1004.3 | 944.1 | .. | 23.5 | 21.3 | 20.2 | 23.8 | 82 | .. | 6.5 | .. | 12.2 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 1 | 20 | 10 | 0 | 0 |
| | 0830 | 545 | 1005.6 | 945.6 | +0.4 | 24.7 | 21.9 | 20.6 | 24.2 | 78 | - 4 | 6.8 | +0.2 | 15.9 | 0 | 12 | 19 | 02 | 0 | 0 | 0 | 0 | 0 | 13 | 16 | 0 | 0 |
| | 1130 | 545 | 1004.6 | 945.3 | .. | 27.9 | 22.9 | 20.6 | 24.2 | 65 | .. | 6.9 | .. | 17.7 | 0 | 13 | 18 | 02 | 0 | 0 | 0 | 0 | 1 | 7 | 21 | 0 | 0 |
| | 1730 | 545 | 1001.2 | 942.2 | +0.5 | 28.5 | 23.2 | 20.7 | 24.5 | 64 | - 6 | 6.8 | +0.1 | 10.2 | 0 | 2 | 25 | 04 | 0 | 0 | 1 | 1 | 4 | 4 | 13 | 4 | 0 |
| | 2330 | 545 | 1004.7 | 945.0 | .. | 25.5 | 22.5 | 21.1 | 25.1 | 77 | .. | 6.5 | .. | 5.8 | 0 | 2 | 14 | 00 | 0 | 0 | 0 | 0 | 2 | 8 | 6 | 15 | 0 |
| Khammam | 0830 | 112 | 1005.0 | 992.4 | +0.3 | 27.5 | 25.4 | 24.4 | 30.5 | 83 | + 3 | 6.6 | +0.4 | 2.9 | 0 | 0 | 20 | 03 | 0 | 0 | 0 | 0 | 4 | 9 | 4 | 11 | 0 |
| | 1730 | 112 | 1001.4 | 989.6 | +1.1 | 30.3 | 26.1 | 24.2 | 30.4 | 71 | + 1 | 7.3 | +0.4 | 0.8 | 0 | 0 | 13 | 05 | 0 | 0 | 1 | 0 | 0 | 6 | 1 | 18 | 0 |
| Mahbubnagar | 0830 | 505 | 1005.9 | 950.5 | +0.8 | 24.8 | 21.9 | 20.6 | 23.8 | 78 | - 5 | 6.9 | +0.0 | 11.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 3 | 15 | 13 | 0 | 0 |
| | 1730 | 505 | 1001.2 | 947.4 | +0.8 | 29.6 | 23.2 | 20.3 | 23.2 | 58 | -11 | 7.1 | -0.2 | 5.8 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 5 | 11 | 12 | 2 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1006.9 | 975.6 | +0.6 | 26.2 | 22.7 | 21.0 | 24.7 | 74 | - 1 | 6.1 | -0.5 | 21.3 | 0 | 12 | 19 | 00 | 0 | 0 | 0 | 0 | 12 | 0 | 19 | 0 | 0 |
| | 1730 | 281 | 1001.7 | 971.0 | +0.2 | 31.6 | 23.7 | 19.5 | 22.8 | 51 | - 5 | 7.0 | +0.2 | 13.5 | 0 | 7 | 21 | 00 | 0 | 0 | 0 | 0 | 11 | 1 | 15 | 3 | 1 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1005.6 | 966.5 | .. | 24.4 | 22.3 | 21.2 | 25.3 | 82 | .. | 6.1 | .. | 9.7 | 0 | 2 | 24 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 5 | 0 |
| | 0830 | 350 | 1007.0 | 968.1 | +0.5 | 26.1 | 22.9 | 21.3 | 25.3 | 75 | + 1 | 5.6 | -1.0 | 11.2 | 0 | 2 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 29 | 0 | 2 | 0 |
| | 1130 | 350 | 1006.0 | 967.6 | .. | 29.5 | 23.8 | 20.8 | 24.7 | 60 | .. | 6.4 | .. | 14.4 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 23 | 8 | 0 | 0 |
| | 1430 | 350 | 1002.9 | 964.9 | .. | 31.8 | 23.9 | 19.9 | 23.2 | 50 | .. | 6.6 | .. | 13.5 | 0 | 6 | 23 | 00 | 0 | 0 | 0 | 0 | 1 | 22 | 6 | 2 | 0 |
| | 1730 | 350 | 1001.9 | 963.8 | +0.0 | 31.8 | 23.8 | 19.6 | 22.9 | 50 | - 3 | 6.5 | -0.4 | 12.8 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 0 | 4 | 20 | 5 | 1 | 0 |
| | 2030 | 350 | 1004.5 | 966.0 | .. | 28.8 | 23.6 | 21.0 | 24.9 | 64 | .. | 5.6 | .. | 11.8 | 0 | 7 | 17 | 00 | 0 | 0 | 0 | 0 | 1 | 19 | 4 | 7 | 0 |
| | 2330 | 350 | 1006.2 | 967.4 | .. | 26.7 | 23.0 | 21.1 | 25.0 | 72 | .. | 4.9 | .. | 17.0 | 0 | 10 | 19 | 00 | 0 | 0 | 0 | 0 | 2 | 27 | 0 | 2 | 0 |
| Cuddapah | 0830 | 130 | 1007.1 | 992.5 | +0.1 | 27.7 | 23.8 | 21.9 | 26.3 | 71 | + 3 | 5.3 | -0.9 | 3.1 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 1 | 13 | 6 | 11 | 0 |
| | 1730 | 130 | 1002.3 | 987.9 | +0.0 | 32.6 | 25.4 | 21.9 | 26.5 | 55 | - 2 | 5.6 | -0.7 | 2.0 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 0 | 0 | 10 | 3 | 18 | 0 |
| Arogyavaram | 0830 | 701 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 701 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| **MADRAS STATE (INCLULING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1006.5 | 1005.8 | +0.1 | 27.9 | 25.1 | 23.7 | 29.3 | 79 | + 6 | 5.0 | -1.1 | 7.2 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 0 | 12 | 16 | 1 | 2 | 0 |
| | 1730 | 6 | 1002.9 | 1002.2 | .. | 30.2 | 26.3 | 24.5 | 30.7 | 71 | .. | 6.0 | .. | 6.0 | 0 | 0 | 30 | 00 | 0 | 4 | 16 | 7 | 2 | 1 | 0 | 1 | 0 |
| Madras (Minambakkam) | 0230 | 16 | 1004.6 | 1002.8 | .. | 27.0 | 25.1 | 24.3 | 30.4 | 85 | .. | 5.9 | .. | 9.8 | 0 | 3 | 25 | 00 | 0 | 0 | 2 | 9 | 10 | 7 | 0 | 3 | 0 |
| | 0530 | 16 | 1005.2 | 1003.4 | .. | 26.0 | 24.3 | 23.5 | 28.9 | 86 | .. | 6.2 | .. | 8.6 | 0 | 2 | 24 | 01 | 0 | 0 | 0 | 8 | 9 | 6 | 2 | 5 | 0 |
| | 0830 | 16 | 1006.5 | 1004.8 | -0.1 | 28.0 | 25.1 | 23.8 | 29.5 | 78 | + 9 | 5.5 | -0.6 | 10.2 | 0 | 3 | 26 | 00 | 0 | 0 | 0 | 4 | 12 | 12 | 1 | 2 | 0 |
| | 1130 | 16 | 1005.8 | 1004.1 | .. | 31.6 | 25.7 | 23.1 | 28.3 | 62 | .. | 5.2 | .. | 13.2 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 1 | 5 | 21 | 4 | 0 | 0 |
| | 1430 | 16 | 1003.5 | 1001.8 | .. | 33.0 | 26.3 | 23.3 | 28.6 | 58 | .. | 6.1 | .. | 11.2 | 0 | 5 | 26 | 03 | 1 | 3 | 0 | 2 | 6 | 12 | 4 | 0 | 0 |
| | 1730 | 16 | 1002.9 | 1001.3 | +0.2 | 30.9 | 26.9 | 25.2 | 32.2 | 72 | + 8 | 6.1 | -0.1 | 11.2 | 0 | 0 | 31 | 00 | 2 | 10 | 7 | 6 | 3 | 2 | 1 | 0 | 0 |
| | 2030 | 16 | 1005.2 | 1003.5 | .. | 28.5 | 26.3 | 25.4 | 32.4 | 84 | .. | 4.3 | .. | 8.4 | 0 | 2 | 27 | 00 | 1 | 1 | 9 | 16 | 1 | 1 | 0 | 2 | 0 |
| | 2330 | 16 | 1006.1 | 1004.4 | .. | 28.0 | 25.7 | 24.7 | 31.1 | 83 | .. | 5.6 | .. | 9.6 | 0 | 2 | 28 | 00 | 0 | 0 | 6 | 14 | 7 | 2 | 1 | 1 | 0 |
| Vellore | 0530 | 214 | 1005.7 | 981.7 | .. | 25.5 | 23.2 | 22.0 | 26.6 | 82 | .. | 4.8 | .. | 0.5 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 0830 | 214 | 1007.0 | 983.1 | +0.2 | 27.7 | 23.7 | 21.7 | 25.9 | 71 | + 2 | 5.2 | -0.4 | 9.0 | 0 | 1 | 26 | 00 | 0 | 0 | 0 | 0 | 1 | 21 | 5 | 4 | 0 |
| | 1130 | 214 | 1006.2 | 982.6 | .. | 31.4 | 24.5 | 21.1 | 25.0 | 56 | .. | 5.8 | .. | 7.5 | 0 | 0 | 30 | 02 | 0 | 0 | 0 | 0 | 4 | 18 | 6 | 1 | 0 |
| | 1730 | 214 | 1002.5 | 979.1 | +0.4 | 32.4 | 24.9 | 20.7 | 24.4 | 52 | - 2 | 6.3 | -0.1 | 6.0 | 0 | 0 | 28 | 02 | 4 | 0 | 1 | 3 | 4 | 9 | 5 | 3 | 0 |
| | 2330 | 214 | 1006.5 | 982.6 | .. | 27.1 | 24.0 | 22.5 | 27.3 | 77 | .. | 5.3 | .. | 2.1 | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 0 | 2 | 3 | 1 | 24 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1006.3 | 1003.9 | .. | 26.6 | 25.7 | 24.4 | 30.5 | 81 | .. | 6.0 | .. | 12.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 2 | 8 | 18 | 2 | 1 | 0 |
| | 1730 | 29 | 1003.3 | 1000.1 | .. | 31.2 | 27.4 | 25.8 | 33.2 | 73 | .. | 6.1 | .. | 16.0 | 0 | 6 | 25 | 00 | 1 | 5 | 16 | 4 | 3 | 2 | 0 | 0 | 0 |
| Tiruppattur | 0830 | 390 | 1008.2 | 964.9 | +0.9 | 26.3 | 22.9 | 21.3 | 25.3 | 75 | + 0 | 7.3 | +1.1 | 3.7 | 0 | 0 | 24 | 13 | 0 | 0 | 0 | 1 | 0 | 10 | 0 | 7 | 0 |
| | 1730 | 390 | 1003.2 | 960.6 | +0.3 | 29.8 | 23.2 | 19.8 | 23.1 | 56 | + 2 | 7.0 | +0.2 | 9.0 | 0 | 0 | 29 | 15 | 0 | 0 | 0 | 2 | 0 | 12 | 0 | 2 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 27.4 | 24.2 | 22.6 | 27.4 | 76 | .. | 5.6 | .. | 3.2 | 0 | 0 | 31 | 00 | 10 | 0 | 10 | 0 | 6 | 0 | 5 | 0 | 0 |
| | 1730 | | .. | .. | .. | 30.5 | 26.1 | 24.1 | 30.0 | 70 | .. | 7.2 | .. | 3.7 | 0 | 0 | 31 | 00 | 9 | 0 | 4 | 0 | 8 | 0 | 10 | 0 | 0 |
| Cuddalore | 0530 | 12 | 1005.3 | 1004.0 | .. | 25.6 | 24.6 | 24.2 | 30.2 | 92 | .. | 6.4 | .. | 2.1 | 0 | 0 | 9 | 00 | 0 | 0 | 1 | 2 | 6 | 0 | 0 | 22 | 0 |
| | 0830 | 12 | 1006.8 | 1005.5 | -0.4 | 27.7 | 25.6 | 24.8 | 31.3 | 84 | +11 | 6.8 | -1.0 | 3.7 | 0 | 0 | 20 | 00 | 0 | 0 | 3 | 2 | 12 | 2 | 1 | 11 | 0 |
| | 1130 | 12 | 1006.4 | 1005.1 | .. | 31.7 | 27.2 | 25.2 | 32.1 | 69 | .. | 5.8 | .. | 5.5 | 0 | 0 | 29 | 01 | 0 | 0 | 1 | 1 | 18 | 6 | 2 | 2 | 0 |
| | 1430 | 12 | 1004.0 | 1002.8 | .. | 32.6 | 27.9 | 25.9 | 33.4 | 67 | .. | 5.9 | .. | 5.7 | 0 | 0 | 25 | 01 | 1 | 2 | 6 | 4 | 5 | 2 | 4 | 6 | 0 |
| | 1730 | 12 | 1003.2 | 1002.0 | +0.0 | 30.6 | 27.7 | 26.8 | 35.2 | 80 | +14 | 4.9 | -1.1 | 7.5 | 0 | 0 | 30 | 01 | 0 | 0 | 24 | 3 | 2 | 0 | 0 | 1 | 0 |
| | 2330 | 12 | 1006.7 | 1005.4 | .. | 27.4 | 25.8 | 25.1 | 31.9 | 88 | .. | 6.5 | .. | 8.0 | 0 | 4 | 17 | 00 | 0 | 0 | 7 | 6 | 8 | 0 | 0 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADRAS STATE (INCLUDING PONDICHERRAY)(Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kallakkurichchi | 0830 | 127 | 1006.5 | 992.2 | -0.5 | 27.3 | 25.1 | 24.1 | 30.0 | 83 | +12 | 5.6 | +0.5 | 4.0 | 0 | 0 | 20 | 00 | 1 | 0 | 5 | 0 | 14 | 0 | 0 | 11 | 0 |
| | 1730 | 127 | 1002.5 | 988.5 | +0.0 | 30.9 | 26.0 | 24.0 | 29.8 | 69 | +17 | 6.4 | +0.4 | 7.0 | 0 | 0 | 28 | 02 | 0 | 1 | 12 | 0 | 13 | 0 | 0 | 3 | 0 |
| Salem | 0530 | 278 | 1006.1 | 974.9 | .. | 24.4 | 22.7 | 21.9 | 26.3 | 86 | .. | 6.7 | .. | 2.2 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 9 | 9 | 0 | 13 | 0 |
| | 0830 | 278 | 1007.4 | 976.4 | -0.3 | 26.1 | 23.3 | 21.8 | 26.1 | 78 | - 1 | 6.3 | +0.6 | 2.0 | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 10 | 3 | 0 | 16 | 2 |
| | 1130 | 278 | 1006.5 | 975.8 | .. | 30.4 | 23.9 | 20.5 | 24.1 | 56 | .. | 6.1 | .. | 6.8 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 7 | 18 | 2 | 0 | 3 |
| | 1730 | 278 | 1002.4 | 972.3 | -0.4 | 32.2 | 24.1 | 20.0 | 23.4 | 50 | - 5 | 7.0 | +0.3 | 3.6 | 0 | 1 | 17 | 00 | 0 | 0 | 0 | 0 | 6 | 10 | 0 | 13 | 2 |
| | 2330 | 278 | 1007.2 | 976.1 | .. | 26.1 | 23.2 | 21.8 | 26.1 | 78 | .. | 7.1 | .. | 3.7 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 0 | 7 | 14 | 0 | 10 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1006.8 | 962.1 | .. | 22.7 | 22.2 | 22.0 | 26.4 | 96 | .. | 4.5 | .. | 16.0 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 17 | 13 | 1 | 0 | 0 | 0 |
| | 0830 | 399 | 1008.0 | 963.6 | -0.1 | 24.5 | 23.2 | 22.6 | 27.4 | 89 | + 9 | 5.5 | -0.4 | 17.0 | 0 | 7 | 24 | 00 | 0 | 0 | 0 | 20 | 11 | 0 | 0 | 0 | 0 |
| | 1130 | 399 | 1007.0 | 963.2 | .. | 29.0 | 24.7 | 22.8 | 27.7 | 70 | .. | 5.1 | .. | 20.1 | 0 | 16 | 13 | 00 | 0 | 0 | 2 | 17 | 10 | 0 | 0 | 2 | 0 |
| | 1430 | 399 | 1004.1 | 960.7 | .. | 30.7 | 25.2 | 22.7 | 27.6 | 63 | .. | 5.3 | .. | 14.2 | 0 | 23 | 8 | 01 | 0 | 0 | 0 | 17 | 10 | 2 | 1 | 0 | 0 |
| | 1730 | 399 | 1004.0 | 960.3 | -0.2 | 27.9 | 24.5 | 22.9 | 27.9 | 74 | + 7 | 5.8 | -0.5 | 27.7 | 0 | 28 | 3 | 00 | 0 | 0 | 0 | 12 | 19 | 0 | 0 | 0 | 0 |
| | 2030 | 399 | 1006.8 | 962.4 | .. | 24.7 | 23.4 | 22.8 | 27.7 | 89 | .. | 4.5 | .. | 24.0 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 16 | 15 | 0 | 0 | 0 | 0 |
| | 2330 | 399 | 1008.2 | 963.6 | .. | 23.6 | 23.0 | 22.7 | 27.6 | 95 | .. | 5.0 | .. | 20.2 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 15 | 16 | 0 | 0 | 0 | 0 |
| Coimbatore | 0830 | 409 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Nagapattinam | 0830 | 9 | 1007.4 | 1006.3 | -0.3 | 28.3 | 24.9 | 23.3 | 28.6 | 75 | + 5 | 5.8 | +0.3 | 8.3 | 0 | 0 | 25 | 00 | 0 | 0 | 1 | 0 | 8 | 15 | 1 | 6 | 0 |
| | 1730 | 9 | 1003.7 | 1002.6 | -0.4 | 30.6 | 26.4 | 24.2 | 30.9 | 72 | + 5 | 6.1 | +0.7 | 15.4 | 0 | 11 | 19 | 00 | 0 | 2 | 20 | 2 | 5 | 1 | 0 | 1 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1005.6 | 995.6 | .. | 26.4 | 23.4 | 21.9 | 26.3 | 77 | .. | 6.7 | .. | 12.6 | 0 | 7 | 19 | 01 | 1 | 0 | 0 | 0 | 6 | 15 | 3 | 5 | 0 |
| | 0530 | 88 | 1005.5 | 995.6 | .. | 26.1 | 23.0 | 21.1 | 25.0 | 76 | .. | 6.5 | .. | 15.9 | 0 | 11 | 19 | 00 | 2 | 0 | 0 | 0 | 2 | 21 | 5 | 1 | 0 |
| | 0830 | 88 | 1006.9 | 997.0 | -0.7 | 27.9 | 23.5 | 21.2 | 25.2 | 68 | + 3 | 6.1 | +0.4 | 24.0 | 0 | 24 | 6 | 00 | 0 | 1 | 0 | 0 | 0 | 21 | 8 | 1 | 0 |
| | 1130 | 88 | 1006.3 | 996.5 | .. | 32.0 | 24.4 | 20.6 | 24.3 | 52 | .. | 5.1 | .. | 23.6 | 0 | 23 | 8 | 00 | 0 | 0 | 0 | 0 | 2 | 18 | 11 | 0 | 0 |
| | 1430 | 88 | 1003.4 | 993.7 | .. | 34.4 | 24.8 | 19.9 | 23.2 | 43 | .. | 5.5 | .. | 19.5 | 0 | 16 | 15 | 01 | 0 | 0 | 1 | 2 | 2 | 12 | 13 | 0 | 0 |
| | 1730 | 88 | 1002.7 | 993.0 | -1.1 | 32.7 | 24.3 | 20.0 | 23.4 | 49 | + 2 | 6.6 | +0.4 | 15.4 | 0 | 6 | 25 | 02 | 2 | 1 | 1 | 4 | 7 | 6 | 8 | 0 | 0 |
| | 2030 | 88 | 1005.9 | 996.0 | .. | 28.1 | 24.2 | 22.3 | 26.9 | 72 | .. | 6.9 | .. | 15.4 | 0 | 10 | 19 | 00 | 1 | 0 | 5 | 10 | 5 | 6 | 2 | 2 | 0 |
| | 2330 | 88 | 1007.2 | 997.3 | .. | 26.6 | 23.9 | 22.6 | 27.4 | 79 | .. | 6.9 | .. | 10.8 | 0 | 5 | 20 | 01 | 0 | 1 | 0 | 6 | 6 | 8 | 3 | 6 | 0 |
| Vedaranniyam | 0830 | 4 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 4 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Atirampattinam | 0830 | 6 | 1007.0 | 1006.4 | .. | 28.4 | 25.1 | 23.6 | 29.1 | 76 | .. | 5.0 | .. | 2.2 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 2 | 3 | 0 | 8 | 18 | 0 |
| | 1730 | 6 | 1003.7 | 1003.0 | .. | 30.7 | 26.6 | 24.8 | 31.3 | 71 | .. | 4.6 | .. | 12.3 | 0 | 6 | 21 | 00 | 0 | 0 | 0 | 25 | 2 | 0 | 0 | 4 | 0 |
| Madurai | 0830 | 133 | 1007.0 | 992.1 | -0.6 | 27.7 | 23.3 | 21.3 | 25.3 | 68 | + 8 | 7.1 | +1.4 | 4.9 | 0 | 0 | 27 | 08 | 1 | 0 | 0 | 0 | 0 | 8 | 10 | 4 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1005.7 | 990.9 | .. | 25.7 | 23.1 | 21.7 | 25.9 | 79 | .. | 4.5 | .. | 8.2 | 0 | 1 | 25 | 11 | 1 | 0 | 0 | 1 | 2 | 3 | 8 | 5 | 0 |
| | 0830 | 131 | 1007.2 | 992.4 | -0.6 | 28.2 | 23.8 | 21.6 | 25.8 | 68 | + 8 | 5.2 | -0.4 | 9.9 | 0 | 1 | 28 | 08 | 1 | 0 | 0 | 1 | 7 | 1 | 11 | 2 | 0 |
| | 1130 | 131 | 1006.5 | 992.0 | .. | 31.5 | 24.4 | 20.7 | 24.4 | 52 | .. | 4.3 | .. | 8.8 | 0 | 0 | 28 | 03 | 2 | 0 | 0 | 1 | 5 | 7 | 10 | 3 | 0 |
| | 1730 | 131 | 1003.7 | 989.1 | -0.3 | 30.5 | 24.8 | 22.0 | 26.4 | 63 | +12 | 6.8 | +0.4 | 17.4 | 0 | 15 | 14 | 02 | 2 | 4 | 6 | 7 | 2 | 4 | 2 | 2 | 0 |
| Tondi | 0830 | 5 | 1007.5 | 1006.9 | -0.5 | 29.0 | 24.9 | 23.1 | 28.3 | 71 | - 3 | 4.2 | -1.0 | 3.3 | 0 | 1 | 11 | 01 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 19 | 0 |
| | 1730 | 5 | 1004.3 | 1003.7 | -0.2 | 30.0 | 26.4 | 24.9 | 31.5 | 74 | - 5 | 5.3 | -0.4 | 26.6 | 0 | 26 | 5 | 00 | 0 | 0 | 15 | 14 | 2 | 0 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1007.2 | 1005.9 | -0.9 | 28.5 | 26.4 | 25.5 | 32.6 | 83 | + 6 | 5.2 | +1.4 | 9.0 | 0 | 12 | 18 | 02 | 3 | 0 | 6 | 8 | 6 | 2 | 3 | 1 | 0 |
| | 1730 | 11 | 1004.5 | 1003.2 | -0.4 | 28.5 | 26.5 | 25.5 | 32.6 | 82 | + 2 | 5.7 | +1.0 | 17.8 | 0 | 8 | 23 | 00 | 0 | 0 | 10 | 18 | 3 | 0 | 0 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1007.7 | 1007.3 | -0.4 | 30.1 | 23.7 | 20.6 | 24.3 | 57 | + 0 | 2.8 | -0.8 | 10.6 | 0 | 1 | 30 | 02 | 2 | 0 | 1 | 0 | 1 | 18 | 7 | 0 | 0 |
| | 1730 | 4 | 1004.3 | 1004.0 | -0.3 | 31.3 | 25.3 | 22.4 | 27.1 | 61 | + 8 | 5.4 | +1.9 | 17.5 | 0 | 12 | 19 | 00 | 1 | 2 | 9 | 7 | 1 | 10 | 1 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1007.5 | 1002.6 | +0.2 | 31.3 | 23.8 | 20.4 | 24.0 | 55 | - 1 | 4.7 | -0.5 | 15.7 | 0 | 1 | 30 | 02 | 0 | 0 | 0 | 0 | 0 | 23 | 6 | 0 | 0 |
| | 1730 | 51 | 1004.2 | 998.6 | -0.6 | 31.8 | 24.2 | 20.4 | 24.0 | 51 | + 0 | 6.4 | +0.3 | 19.8 | 0 | 17 | 14 | 02 | 1 | 0 | 0 | 1 | 2 | 18 | 7 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1008.0 | 1003.9 | .. | 27.1 | 23.7 | 22.0 | 26.4 | 24 | .. | 5.9 | .. | 11.5 | 0 | 21 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 |
| | 1730 | 37 | 1005.5 | 1001.4 | .. | 27.8 | 24.2 | 22.5 | 27.3 | 73 | .. | 5.6 | .. | 22.1 | 0 | 24 | 7 | 00 | 0 | 0 | 0 | 0 | 0 | 29 | 2 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1008.3 | 1007.9 | +0.2 | 26.3 | 25.1 | 24.6 | 30.9 | 90 | + 1 | 7.2 | +0.0 | 5.1 | 0 | 0 | 31 | 04 | 1 | 5 | 0 | 2 | 0 | 8 | 4 | 0 | 7 |
| | 1730 | 4 | 1006.4 | 1005.9 | +0.1 | 27.7 | 25.5 | 24.6 | 30.7 | 83 | - 3 | 7.1 | -0.1 | 7.7 | 0 | 0 | 31 | 01 | 0 | 0 | 1 | 0 | 0 | 5 | 19 | 0 | 5 |
| Honavar | 0830 | 26 | 1008.6 | 1005.6 | -0.3 | 25.3 | 24.4 | 24.1 | 29.7 | 93 | + 1 | 7.2 | +0.3 | 3.4 | 0 | 0 | 25 | 02 | 0 | 13 | 1 | 0 | 1 | 8 | 0 | 6 | 0 |
| | 1730 | 26 | 1006.6 | 1003.7 | -0.1 | 27.6 | 25.4 | 24.2 | 30.4 | 82 | - 6 | 7.4 | +0.5 | 4.8 | 0 | 0 | 31 | 02 | 0 | 5 | 0 | 18 | 0 | 6 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1007.5 | 996.0 | .. | 24.3 | 23.7 | 23.4 | 28.8 | 94 | .. | 6.2 | .. | 2.6 | 0 | 0 | 10 | 03 | 0 | 0 | 2 | 0 | 1 | 3 | 1 | 21 | 0 |
| | 0530 | 102 | 1007.5 | 995.9 | .. | 23.9 | 23.4 | 23.1 | 28.3 | 95 | .. | 6.4 | .. | 4.5 | 0 | 0 | 13 | 01 | 1 | 0 | 2 | 0 | 0 | 5 | 4 | 18 | 0 |
| | 0830 | 102 | 1008.9 | 997.3 | -0.2 | 25.2 | 24.3 | 23.8 | 29.7 | 92 | - 1 | 6.8 | -0.5 | 7.2 | 0 | 1 | 21 | 02 | 2 | 0 | 6 | 1 | 1 | 7 | 3 | 9 | 0 |
| | 1130 | 102 | 1008.9 | 997.4 | .. | 27.8 | 25.0 | 23.8 | 29.3 | 79 | .. | 7.0 | .. | 14.8 | 0 | 7 | 20 | 01 | 0 | 0 | 0 | 1 | 1 | 11 | 13 | 4 | 0 |
| | 1430 | 102 | 1006.9 | 995.6 | .. | 28.3 | 25.0 | 23.5 | 28.9 | 75 | .. | 6.8 | .. | 20.8 | 0 | 20 | 10 | 00 | 1 | 0 | 0 | 0 | 2 | 12 | 15 | 1 | 0 |
| | 1730 | 102 | 1006.5 | 995.1 | -0.4 | 27.0 | 24.6 | 23.5 | 28.9 | 81 | - 7 | 7.0 | -0.3 | 16.6 | 0 | 6 | 25 | 01 | 1 | 0 | 0 | 0 | 1 | 13 | 15 | 0 | 0 |
| | 2030 | 102 | 1008.3 | 996.8 | .. | 25.2 | 24.2 | 23.8 | 29.3 | 91 | .. | 6.1 | .. | 7.2 | 0 | 0 | 22 | 01 | 0 | 0 | 0 | 1 | 1 | 8 | 11 | 9 | 0 |
| | 2330 | 102 | 1009.2 | 997.6 | .. | 24.7 | 23.9 | 23.4 | 28.9 | 93 | .. | 6.3 | .. | 5.3 | 0 | 1 | 16 | 02 | 0 | 1 | 1 | 1 | 1 | 3 | 8 | 14 | 0 |
| Mangalore | 0830 | 22 | 1008.8 | 1006.3 | -0.5 | 25.7 | 24.3 | 23.7 | 29.3 | 89 | - 2 | 7.5 | +0.4 | 6.0 | 0 | 0 | 31 | 05 | 4 | 7 | 3 | 0 | 3 | 5 | 4 | 0 | 0 |
| | 1730 | 22 | 1006.7 | 1004.2 | -0.4 | 27.4 | 25.0 | 23.8 | 29.7 | 81 | - 6 | 6.2 | -0.9 | 7.8 | 0 | 0 | 31 | 06 | 1 | 0 | 0 | 0 | 8 | 4 | 11 | 0 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1005.8 | 932.7 | +0.8 | 23.2 | 21.0 | 19.9 | 23.2 | 82 | - 4 | 6.2 | -0.4 | 15.9 | 0 | 12 | 17 | 00 | 0 | 0 | 0 | 0 | 14 | 12 | 3 | 2 | 0 |
| | 1730 | 664 | 1000.7 | 929.2 | +0.3 | 28.4 | 22.0 | 18.7 | 21.7 | 57 | -11 | 7.3 | +0.4 | 12.8 | 0 | 8 | 21 | 00 | 1 | 0 | 0 | 0 | 6 | 20 | 2 | 2 | 0 |
| Gulbarga | 0830 | 458 | 1006.4 | 955.5 | +0.4 | 24.6 | 21.9 | 20.7 | 24.4 | 79 | - 2 | 7.5 | +1.3 | 9.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 10 | 18 | 3 | 0 | 0 |
| | 1730 | 458 | 1001.2 | 951.6 | +0.3 | 30.7 | 23.0 | 19.5 | 22.4 | 54 | - 5 | 7.0 | +0.3 | 9.9 | 0 | 0 | 30 | 02 | 0 | 1 | 0 | 0 | 5 | 19 | 3 | 0 | 0 |
| Bijapur | 0830 | 594 | 1007.1 | 941.4 | +0.7 | 23.5 | 21.5 | 20.4 | 24.1 | 84 | + 4 | 7.1 | +1.0 | 11.9 | 0 | 2 | 29 | 01 | 0 | 0 | 0 | 2 | 5 | 22 | 1 | 0 | 0 |
| | 1730 | 594 | 1001.8 | 938.0 | +0.4 | 30.6 | 23.1 | 19.3 | 22.7 | 54 | - 6 | 7.2 | +0.8 | 12.3 | 0 | 2 | 29 | 00 | 0 | 0 | 1 | 0 | 6 | 17 | 7 | 0 | 0 |
| Raichur | 0830 | 400 | 1006.3 | 962.0 | -0.2 | 24.9 | 22.3 | 20.4 | 24.0 | 71 | - 6 | 5.1 | -0.4 | 8.3 | 0 | 2 | 26 | 00 | 0 | 0 | 0 | 0 | 22 | 2 | 3 | 3 | 1 |
| | 1730 | 400 | 1001.3 | 958.2 | +0.0 | 31.8 | 23.3 | 18.5 | 21.7 | 50 | - 5 | 5.7 | -0.3 | 8.5 | 0 | 2 | 29 | 00 | 4 | 0 | 1 | 0 | 9 | 0 | 17 | 0 | 0 |
| Belgaum | 0830 | 753 | 1008.2 | 925.5 | +0.8 | 22.1 | 21.1 | 20.7 | 24.3 | 92 | + 0 | 7.2 | +0.5 | 4.9 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 2 | 3 | 0 |
| | 1730 | 753 | 1004.7 | 922.9 | +0.0 | 24.2 | 22.5 | 21.7 | 25.9 | 86 | - 1 | 7.8 | +1.0 | 6.6 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 3 | 26 | 2 | 0 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1006.6 | 924.1 | .. | 20.5 | 19.8 | 19.4 | 22.7 | 93 | .. | 6.1 | .. | 8.0 | 0 | 8 | 20 | 00 | 0 | 0 | 0 | 0 | 2 | 25 | 1 | 3 | 0 |
| | 0830 | 747 | 1007.7 | 925.5 | +0.4 | 21.9 | 20.6 | 20.0 | 23.2 | 89 | - 2 | 7.0 | -0.3 | 13.9 | 0 | 6 | 25 | 00 | 0 | 0 | 0 | 0 | 5 | 23 | 3 | 0 | 0 |
| | 1130 | 747 | 1007.0 | 925.7 | .. | 24.8 | 21.5 | 19.8 | 23.2 | 74 | .. | 7.0 | .. | 19.0 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 0 | 3 | 26 | 2 | 0 | 0 |
| | 1430 | 747 | 1005.0 | 924.0 | .. | 25.8 | 21.9 | 20.0 | 23.5 | 71 | .. | 7.2 | .. | 21.2 | 0 | 22 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 28 | 3 | 0 | 0 |
| | 1730 | 747 | 1004.9 | 923.5 | +0.2 | 23.9 | 21.5 | 20.3 | 23.8 | 81 | - 4 | 7.3 | +0.0 | 19.7 | 0 | 16 | 15 | 00 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 |
| | 2030 | 747 | 1007.0 | 924.9 | .. | 21.8 | 20.6 | 20.0 | 23.4 | 89 | .. | 6.1 | .. | 12.3 | 0 | 3 | 28 | 00 | 0 | 0 | 0 | 0 | 0 | 30 | 1 | 0 | 0 |
| Gadag | 0530 | 650 | 1006.7 | 934.7 | .. | 20.9 | 20.4 | 20.1 | 23.5 | 95 | .. | 5.3 | .. | 9.7 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 7 | 23 | 0 | 1 | 0 |
| | 0830 | 650 | 1007.6 | 935.9 | +0.0 | 22.7 | 21.3 | 20.7 | 24.3 | 88 | + 4 | 6.1 | -0.6 | 9.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 6 | 25 | 0 | 0 | 0 |
| | 1130 | 650 | 1006.3 | 935.8 | .. | 27.5 | 22.3 | 19.8 | 23.1 | 65 | .. | 6.9 | .. | 12.1 | 0 | 3 | 28 | 01 | 0 | 0 | 0 | 0 | 5 | 23 | 2 | 0 | 0 |
| | 1430 | 650 | 1003.6 | 933.7 | .. | 29.4 | 22.8 | 19.7 | 22.9 | 57 | .. | 7.2 | .. | 13.0 | 0 | 5 | 26 | 00 | 0 | 0 | 0 | 0 | 3 | 24 | 3 | 0 | 1 |
| | 1730 | 650 | 1003.7 | 933.3 | +0.2 | 27.6 | 22.5 | 20.0 | 23.5 | 65 | - 5 | 7.1 | +0.5 | 9.6 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 9 | 20 | 2 | 0 | 0 |
| | 2030 | 650 | 1006.4 | 935.1 | .. | 23.8 | 21.6 | 20.4 | 24.1 | 79 | .. | 4.0 | .. | 11.5 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 5 | 26 | 0 | 0 | 0 |
| | 2330 | 650 | 1007.9 | 936.1 | .. | 22.3 | 21.1 | 20.5 | 24.1 | 89 | .. | 5.0 | .. | 10.8 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 6 | 24 | 0 | 0 | 1 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1006.9 | 957.0 | +0.1 | 25.3 | 22.7 | 21.4 | 25.5 | 79 | + 7 | 5.4 | -0.6 | 9.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 22 | 0 | 0 |
| | 1730 | 449 | 1002.0 | 953.3 | +0.0 | 31.7 | 24.3 | 20.2 | 24.4 | 55 | - 2 | 7.0 | +0.8 | 13.2 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 10 | 21 | 0 | 0 |
| Chitradurga | 0830 | 733 | 1007.6 | 927.0 | +0.0 | 22.1 | 20.3 | 19.1 | 22.5 | 84 | + 0 | 6.6 | -0.5 | 10.4 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 2 | 29 | 0 | 0 | 0 |
| | 1730 | 733 | 1003.2 | 924.4 | +0.1 | 27.4 | 21.6 | 18.7 | 21.6 | 60 | - 9 | 6.0 | -0.6 | 12.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 6 | 24 | 1 | 0 | 0 |
| Shimoga | 0830 | 571 | 1007.9 | 944.7 | -0.2 | 23.3 | 21.2 | 20.2 | 23.5 | 83 | - 4 | 7.6 | +0.4 | 2.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 3 | 27 | 1 | 0 | 0 |
| | 1730 | 571 | 1004.9 | 942.2 | -0.4 | 25.6 | 22.1 | 20.2 | 24.1 | 72 | - 6 | 6.5 | -0.4 | 5.1 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 3 | 24 | 3 | 0 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 21.2 | 21.1 | 20.9 | 25.0 | 96 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Balehonnur | 0830 | | .. | .. | .. | 21.0 | 20.2 | 19.8 | 23.1 | 93 | - 1 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1490.1 | 904.0 | +0.0 | 21.0 | 19.3 | 18.4 | 21.0 | 85 | + 0 | 6.7 | -0.3 | 4.9 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 5 | 24 | 1 | 1 | 0 |
| | 1730 | 960 | 1471.9 | 901.5 | -0.2 | 24.3 | 20.5 | 18.6 | 21.3 | 72 | - 7 | 5.9 | -1.1 | 4.3 | 0 | 0 | 31 | 00 | 1 | 0 | 0 | 0 | 6 | 23 | 1 | 0 | 0 |
| Bangalore | 0230 | 921 | 1482.6 | 907.3 | .. | 21.2 | 19.7 | 18.9 | 21.8 | 87 | .. | 5.1 | .. | 9.3 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 3 | 26 | 2 | 0 | 0 |
| | 0830 | 921 | 1493.2 | 908.4 | +0.7 | 21.3 | 19.7 | 18.8 | 21.8 | 86 | + 0 | 7.3 | -0.2 | 10.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 9 | 18 | 4 | 0 | 0 |
| | 1130 | 921 | 1498.2 | 908.2 | .. | 25.2 | 20.8 | 18.2 | 21.3 | 67 | .. | 7.0 | .. | 12.0 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 6 | 19 | 6 | 0 | 0 |
| | 1430 | 921 | 1485.5 | 906.4 | .. | 27.2 | 21.2 | 18.3 | 20.8 | 59 | .. | 7.0 | .. | 12.2 | 0 | 3 | 27 | 00 | 0 | 0 | 0 | 0 | 5 | 15 | 10 | 1 | 0 |
| | 1730 | 921 | 1476.1 | 905.6 | +0.7 | 26.7 | 21.0 | 18.0 | 20.8 | 61 | - 5 | 7.0 | -0.1 | 9.0 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 1 | 6 | 10 | 12 | 2 | 0 |
| | 2030 | 921 | 1487.1 | 907.5 | .. | 23.6 | 20.5 | 19.0 | 21.8 | 76 | .. | 5.2 | .. | 8.5 | 0 | 0 | 27 | 01 | 0 | 0 | 0 | 0 | 6 | 12 | 8 | 4 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1471.5 | 908.8 | .. | 20.3 | 19.4 | 18.9 | 21.8 | 92 | .. | 6.6 | .. | 13.1 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 0 | 1 | 28 | 1 | 1 | 0 |
| | 0830 | 897 | 1486.1 | 910.2 | +0.0 | 21.5 | 19.8 | 18.9 | 21.8 | 85 | + 0 | 7.4 | +0.1 | 15.8 | 0 | 9 | 21 | 00 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 1 | 0 |
| | 1130 | 897 | 1489.9 | 909.9 | .. | 25.0 | 20.6 | 18.3 | 21.0 | 67 | .. | 6.7 | .. | 18.4 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 1 | 22 | 8 | 0 | 0 |
| | 1730 | 897 | 1466.0 | 907.1 | -0.2 | 26.4 | 20.9 | 17.9 | 20.5 | 61 | - 5 | 6.6 | -0.4 | 13.6 | 0 | 5 | 23 | 01 | 0 | 0 | 0 | 0 | 2 | 19 | 6 | 3 | 0 |
| | 2330 | 897 | 1486.4 | 910.1 | .. | 22.5 | 20.5 | 19.4 | 22.5 | 84 | .. | 5.7 | .. | 13.1 | 0 | 1 | 27 | 00 | 0 | 0 | 0 | 0 | 3 | 23 | 2 | 3 | 0 |
| Mysore | 0830 | 767 | 1008.7 | 924.3 | -0.1 | 21.8 | 19.8 | 18.7 | 21.6 | 82 | - 2 | 4.2 | -2.0 | 10.3 | 0 | 0 | 31 | 05 | 1 | 0 | 1 | 4 | 14 | 2 | 4 | 0 | 0 |
| | 1730 | 767 | 1003.8 | 921.3 | -0.7 | 26.9 | 20.9 | 17.5 | 20.2 | 56 | -11 | 4.6 | -2.1 | 19.5 | 0 | 18 | 13 | 00 | 0 | 1 | 2 | 0 | 13 | 1 | 14 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1008.2 | 1007.6 | .. | 24.5 | 24.2 | 24.0 | 30.0 | 97 | .. | 4.0 | .. | 1.9 | 0 | 1 | 8 | 00 | 1 | 6 | 0 | 0 | 0 | 1 | 1 | 22 | 0 |
| | 0830 | 5 | 1009.5 | 1008.9 | -0.3 | 25.3 | 24.5 | 24.2 | 30.0 | 93 | + 1 | 5.6 | -1.0 | 0.6 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 28 | 0 |
| | 1130 | 5 | 1009.7 | 1009.1 | .. | 27.4 | 25.9 | 25.2 | 31.9 | 88 | .. | 5.3 | .. | 2.6 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 3 | 8 | 5 | 15 | 0 |
| | 1430 | 5 | 1008.3 | 1007.7 | .. | 28.5 | 26.3 | 25.5 | 32.4 | 84 | .. | 4.9 | .. | 2.6 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 0 | 2 | 10 | 6 | 13 | 0 |
| | 1730 | 5 | 1007.4 | 1006.8 | -0.2 | 26.9 | 25.7 | 25.2 | 32.1 | 90 | + 4 | 5.3 | -1.4 | 3.1 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 1 | 1 | 5 | 14 | 10 | 0 |
| | 2330 | 5 | 1009.9 | 1009.3 | .. | 25.3 | 24.8 | 24.5 | 30.7 | 95 | .. | 4.5 | .. | 2.1 | 0 | 0 | 11 | 02 | 0 | 0 | 0 | 1 | 0 | 1 | 7 | 20 | 0 |
| Palghat | 0830 | 97 | 1009.0 | 998.0 | -0.6 | 25.7 | 24.0 | 22.3 | 28.6 | 87 | - 4 | 6.3 | -0.6 | 8.8 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 3 | 28 | 0 | 0 | 0 |
| | 1730 | 97 | 1005.9 | 995.3 | -0.6 | 28.0 | 24.5 | 22.8 | 27.9 | 74 | - 7 | 5.7 | -1.0 | 10.8 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 1 | 29 | 1 | 0 | 0 |
| Fort Cochin | 0830 | 3 | 1009.4 | 1009.1 | -0.8 | 26.7 | 25.1 | 24.3 | 30.5 | 87 | - 1 | 7.1 | +0.2 | 6.6 | 0 | 1 | 25 | 02 | 1 | 3 | 2 | 0 | 2 | 9 | 7 | 5 | 0 |
| | 1730 | 3 | 1007.2 | 1006.9 | -0.5 | 27.2 | 25.3 | 24.5 | 30.7 | 86 | + 0 | 7.0 | +0.0 | 10.3 | 0 | 0 | 30 | 01 | 0 | 0 | 0 | 0 | 2 | 7 | 20 | 1 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1008.5 | 1008.2 | .. | 25.3 | 24.3 | 23.9 | 29.5 | 92 | .. | 6.8 | .. | 4.7 | 0 | 0 | 18 | 01 | 3 | 0 | 0 | 0 | 0 | 3 | 11 | 13 | 0 |
| | 0530 | 3 | 1008.2 | 1007.9 | .. | 24.9 | 24.1 | 23.7 | 29.3 | 93 | .. | 6.8 | .. | 4.8 | 0 | 1 | 15 | 04 | 1 | 3 | 0 | 0 | 0 | 2 | 6 | 15 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KERALA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cochin (Naval Air Station) (Contd.) | 0830 | 3 | 1009.6 | 1009.3 | .. | 26.6 | 24.9 | 24.1 | 30.0 | 86 | .. | 6.8 | .. | 4.8 | 0 | 0 | 17 | 03 | 0 | 1 | 1 | 1 | 0 | 2 | 9 | 14 | 0 |
| | 1130 | 3 | 1009.7 | 1009.3 | .. | 28.5 | 25.6 | 24.3 | 30.4 | 78 | .. | 6.5 | .. | 14.1 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 1 | 2 | 8 | 18 | 2 | 0 |
| | 1730 | 3 | 1007.3 | 1007.0 | .. | 27.8 | 25.5 | 24.5 | 30.7 | 82 | .. | 6.8 | .. | 14.5 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 1 | 2 | 8 | 18 | 2 | 0 |
| | 2330 | 3 | 1010.1 | 1009.8 | .. | 25.8 | 24.6 | 24.1 | 30.0 | 90 | .. | 7.0 | .. | 5.3 | 0 | 1 | 15 | 03 | 0 | 0 | 0 | 0 | 1 | 5 | 7 | 15 | 0 |
| Alleppey | 0830 | 4 | 1009.7 | 1009.3 | -0.4 | 26.3 | 24.9 | 24.3 | 30.4 | 90 | - 1 | 5.9 | -0.7 | 7.6 | 0 | 0 | 30 | 02 | 12 | 4 | 1 | 0 | 0 | 3 | 8 | 1 | 0 |
| | 1730 | 4 | 1008.1 | 1007.7 | +0.5 | 27.3 | 25.3 | 24.5 | 30.5 | 85 | + 0 | 6.2 | -0.5 | 21.7 | 0 | 27 | 4 | 00 | 0 | 0 | 0 | 0 | 0 | 8 | 23 | 0 | 0 |
| Punalur | 0830 | 34 | 1009.4 | 1005.6 | -0.5 | 25.5 | 24.2 | 23.7 | 29.3 | 90 | - 2 | 6.6 | +0.4 | 2.5 | 0 | 0 | 9 | 03 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 22 | 0 |
| | 1730 | 34 | 1006.1 | 1002.9 | -0.6 | 28.7 | 25.1 | 23.4 | 28.9 | 74 | - 3 | 7.6 | +1.2 | 10.8 | 0 | 4 | 23 | 03 | 2 | 1 | 0 | 0 | 2 | 8 | 11 | 4 | 0 |
| Trivandrum | 0230 | 64 | 1007.9 | 1000.6 | .. | 24.6 | 23.7 | 23.3 | 28.6 | 93 | .. | 5.3 | .. | 6.7 | 0 | 1 | 23 | 04 | 0 | 0 | 0 | 0 | 0 | 1 | 19 | 7 | 0 |
| | 0530 | 64 | 1007.9 | 1000.5 | .. | 24.2 | 23.5 | 23.1 | 28.3 | 94 | .. | 5.6 | .. | 7.3 | 0 | 0 | 28 | 08 | 1 | 0 | 0 | 0 | 0 | 0 | 19 | 3 | 0 |
| | 0830 | 64 | 1009.3 | 1002.0 | -0.8 | 25.7 | 24.1 | 23.3 | 28.8 | 87 | - 1 | 5.6 | -0.5 | 9.0 | 0 | 0 | 29 | 09 | 0 | 0 | 0 | 0 | 0 | 1 | 19 | 2 | 0 |
| | 1130 | 64 | 1009.0 | 1001.7 | .. | 28.7 | 24.8 | 22.8 | 28.3 | 71 | .. | 6.1 | .. | 15.3 | 0 | 6 | 25 | 04 | 0 | 0 | 0 | 0 | 0 | 4 | 23 | 0 | 0 |
| | 1430 | 64 | 1006.9 | 999.7 | .. | 29.1 | 24.8 | 22.9 | 27.9 | 69 | .. | 5.8 | .. | 17.2 | 0 | 8 | 23 | 02 | 0 | 0 | 0 | 0 | 0 | 3 | 26 | 0 | 0 |
| | 1730 | 64 | 1006.8 | 999.6 | -0.6 | 27.7 | 24.4 | 22.9 | 27.9 | 75 | - 3 | 6.4 | +0.6 | 16.1 | 0 | 8 | 23 | 00 | 0 | 0 | 0 | 0 | 0 | 4 | 27 | 0 | 0 |
| | 2030 | 64 | 1008.9 | 1001.6 | .. | 25.9 | 24.1 | 23.2 | 28.6 | 85 | .. | 5.4 | .. | 10.3 | 0 | 0 | 31 | 01 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 | 0 |
| | 2330 | 64 | 1009.7 | 1002.3 | .. | 25.1 | 23.9 | 23.3 | 28.6 | 90 | .. | 5.9 | .. | 10.6 | 0 | 0 | 31 | 07 | 1 | 0 | 0 | 0 | 0 | 1 | 22 | 0 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1009.5 | 1008.7 | -0.5 | 26.7 | 24.3 | 23.2 | 28.4 | 82 | - 2 | 5.9 | -0.4 | 23.5 | 0 | 25 | 4 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 2 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1007.1 | 1006.7 | .. | 27.1 | 25.3 | 24.5 | 30.7 | 86 | .. | 5.6 | .. | 33.5 | 0 | 29 | 2 | 02 | 0 | 0 | 0 | 0 | 0 | 13 | 16 | 0 | 0 |
| | 0830 | 4 | 1008.6 | 1008.2 | -0.8 | 27.6 | 25.7 | 24.8 | 31.5 | 85 | + 1 | 6.1 | +0.2 | 31.3 | 0 | 29 | 2 | 03 | 0 | 0 | 0 | 0 | 0 | 13 | 15 | 0 | 0 |
| | 1130 | 4 | 1008.9 | 1008.5 | .. | 28.9 | 26.2 | 25.1 | 31.9 | 80 | .. | 6.0 | .. | 31.2 | 0 | 29 | 2 | 02 | 0 | 0 | 0 | 0 | 0 | 15 | 14 | 0 | 0 |
| | 1730 | 4 | 1006.5 | 1006.1 | .. | 28.4 | 26.2 | 25.3 | 32.2 | 83 | .. | 6.5 | .. | 33.6 | 0 | 29 | 2 | 02 | 0 | 0 | 0 | 0 | 0 | 12 | 17 | 0 | 0 |
| | 2330 | 4 | 1009.1 | 1008.7 | .. | 27.4 | 25.5 | 24.7 | 31.1 | 85 | .. | 5.8 | .. | 31.3 | 0 | 30 | 1 | 02 | 0 | 0 | 0 | 0 | 1 | 10 | 18 | 0 | 0 |
| Agatti | 0830 | 4 | 1009.2 | 1008.7 | .. | 27.3 | 25.5 | 24.7 | 31.1 | 85 | .. | 6.4 | .. | 22.1 | 0 | 25 | 6 | 00 | 0 | 0 | 0 | 0 | 0 | 11 | 20 | 0 | 0 |
| | 1730 | 4 | 1007.3 | 1006.8 | .. | 28.1 | 26.2 | 25.3 | 32.4 | 85 | .. | 6.2 | .. | 23.5 | 0 | 30 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 11 | 19 | 0 | 0 |
| Androth | 0830 | 5 | 1009.3 | 1008.9 | .. | 27.5 | 25.3 | 24.4 | 30.4 | 83 | .. | 5.6 | .. | 6.5 | 0 | 0 | 30 | 03 | 0 | 0 | 0 | 0 | 0 | 3 | 21 | 1 | 3 |
| | 1730 | 5 | 1007.3 | 1006.8 | .. | 28.3 | 25.6 | 24.4 | 30.7 | 79 | .. | 5.8 | .. | 10.4 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 1 | 6 | 23 | 1 | 0 |
| Minicoy | 0530 | 2 | 1008.6 | 1008.4 | .. | 26.8 | 24.4 | 23.3 | 28.6 | 81 | .. | 6.2 | .. | 15.7 | 0 | 12 | 18 | 01 | 0 | 0 | 0 | 0 | 0 | 20 | 9 | 1 | 0 |
| | 0830 | 2 | 1010.2 | 1010.0 | -0.2 | 27.5 | 24.7 | 23.4 | 28.8 | 79 | - 2 | 6.0 | -0.3 | 13.5 | 0 | 6 | 25 | 02 | 0 | 0 | 0 | 0 | 0 | 18 | 11 | 0 | 0 |
| | 1130 | 2 | 1010.4 | 1010.2 | .. | 28.8 | 25.3 | 23.7 | 29.3 | 74 | .. | 5.9 | .. | 15.5 | 0 | 7 | 24 | 01 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 |
| | 1430 | 2 | 1008.5 | 1008.3 | .. | 29.0 | 25.4 | 23.9 | 29.7 | 74 | .. | 5.7 | .. | 15.0 | 0 | 5 | 26 | 01 | 0 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 |
| | 1730 | 2 | 1007.9 | 1007.7 | -0.2 | 28.1 | 25.0 | 23.6 | 29.3 | 76 | - 4 | 5.7 | -0.8 | 13.2 | 0 | 4 | 27 | 00 | 0 | 0 | 0 | 0 | 0 | 18 | 13 | 0 | 0 |
| | 2030 | 2 | 1009.6 | 1009.4 | .. | 27.3 | 24.8 | 23.6 | 29.1 | 80 | .. | 5.6 | .. | 14.5 | 0 | 6 | 22 | 01 | 0 | 0 | 0 | 0 | 0 | 17 | 10 | 3 | 0 |
| | 2330 | 2 | 1010.5 | 1010.3 | .. | 27.2 | 24.7 | 23.5 | 28.9 | 80 | .. | 5.8 | .. | 16.8 | 0 | 11 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 12 | 17 | 2 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1377.5 | 795.0 | -0.7 | 18.7 | 17.8 | 17.6 | 20.1 | 94 | + 3 | 4.4 | +0.5 | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 28 | 0 |
| | 1730 | 1959 | 1368.8 | 794.3 | -0.2 | 20.0 | 19.0 | 18.4 | 21.1 | 92 | + 5 | 4.4 | -0.3 | 0.5 | 0 | 0 | 4 | 00 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 27 | 0 |
| Dharmsala | 0830 | 1211 | 1473.8 | 876.1 | -1.5 | 23.3 | 21.2 | 20.2 | 23.7 | 83 | - 2 | 6.4 | +0.8 | 1.5 | 0 | 0 | 22 | 01 | 3 | 6 | 2 | 3 | 3 | 2 | 2 | 9 | 0 |
| | 1730 | 1211 | 1460.3 | 874.7 | -1.3 | 24.2 | 22.2 | 21.3 | 25.4 | 85 | + 2 | 7.0 | +1.4 | 2.5 | 0 | 0 | 27 | 03 | 5 | 0 | 0 | 2 | 6 | 7 | 4 | 4 | 0 |
| Bhuntar | 0830 | 1096 | 1434.5 | 883.9 | .. | 22.1 | 20.9 | 20.3 | 23.8 | 90 | .. | 6.2 | .. | 2.5 | 0 | 0 | 17 | 00 | 0 | 2 | 4 | 6 | 2 | 1 | 2 | 14 | 0 |
| | 1130 | 1096 | 1434.0 | 883.4 | .. | 26.9 | 22.2 | 19.9 | 23.2 | 64 | .. | 5.3 | .. | 10.4 | 0 | 4 | 22 | 00 | 0 | 0 | 3 | 18 | 5 | 0 | 0 | 5 | 0 |
| | 1730 | 1096 | 1412.7 | 881.3 | .. | 26.1 | 21.7 | 19.5 | 22.7 | 69 | .. | 5.6 | .. | 14.6 | 0 | 11 | 17 | 01 | 0 | 4 | 14 | 7 | 2 | 0 | 0 | 3 | 0 |
| Simla | 0830 | 2202 | 1432.1 | 777.4 | -0.9 | 17.0 | 16.2 | 15.8 | 17.9 | 93 | + 4 | 6.6 | +0.1 | 0.3 | 0 | 0 | 5 | 00 | 2 | 0 | 1 | 0 | 2 | 0 | 0 | 26 | 0 |
| | 1730 | 2202 | 1419.8 | 776.6 | -0.4 | 18.0 | 16.7 | 16.4 | 18.6 | 92 | + 0 | 6.4 | -0.7 | 0.6 | 0 | 0 | 9 | 01 | 3 | 0 | 2 | 1 | 1 | 0 | 1 | 22 | 0 |
| Changaria (Kanjalia Tek) | 0830 | | .. | .. | .. | 13.0 | 12.4 | 12.0 | 14.0 | 94 | .. | 5.3 | .. | 5.2 | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 805.6 | -0.7 | 19.5 | 18.1 | 17.3 | 19.7 | 87 | - 2 | 6.2 | -0.1 | 5.4 | 0 | 0 | 31 | 01 | 5 | 12 | 1 | 1 | 1 | 8 | 2 | 0 | 0 |
| | 1730 | | .. | 803.3 | -0.5 | 21.5 | 19.1 | 18.0 | 20.6 | 80 | + 1 | 6.9 | +0.1 | 5.8 | 0 | 0 | 31 | 02 | 2 | 0 | 2 | 4 | 8 | 12 | 1 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1433.7 | 792.2 | -1.8 | 17.4 | 17.0 | 16.9 | 19.3 | 97 | + 3 | 7.4 | +0.5 | 1.7 | 0 | 0 | 17 | 03 | 2 | 0 | 3 | 6 | 3 | 0 | 0 | 14 | 0 |
| | 1730 | 2042 | 1420.1 | 791.1 | -1.5 | 18.0 | 17.7 | 17.6 | 20.0 | 98 | + 0 | 7.9 | +0.5 | 2.5 | 0 | 0 | 25 | 04 | 2 | 0 | 7 | 9 | 1 | 0 | 2 | 6 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3103.4 | 769.1 | +0.1 | 16.2 | 15.8 | 15.6 | 17.7 | 96 | + 4 | 6.5 | +0.0 | 11.2 | 0 | 5 | 23 | 00 | 5 | 9 | 3 | 1 | 2 | 4 | 4 | 3 | 0 |
| | 1730 | 2311 | 3091.1 | 767.7 | +0.3 | 17.3 | 16.8 | 16.6 | 18.9 | 96 | + 3 | 6.8 | +0.1 | 12.6 | 0 | 8 | 22 | 00 | 0 | 4 | 4 | 3 | 4 | 12 | 3 | 1 | 0 |
| Nainital | 0830 | 1953 | 1419.3 | 799.2 | -1.3 | 18.9 | 17.0 | 16.1 | 18.2 | 86 | - 1 | 5.6 | -1.0 | 9.9 | 0 | 4 | 26 | 03 | 0 | 11 | 11 | 2 | 0 | 2 | 1 | 1 | 0 |
| | 1730 | 1953 | 1407.5 | 798.1 | -0.4 | 18.8 | 17.4 | 16.6 | 18.9 | 88 | + 1 | 6.5 | -0.1 | 8.3 | 0 | 1 | 30 | 03 | 0 | 7 | 6 | 2 | 2 | 11 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1462.8 | 875.4 | +0.8 | 21.8 | 20.6 | 20.0 | 23.4 | 89 | + 2 | 6.1 | +0.7 | 4.2 | 0 | 0 | 31 | 00 | 1 | 1 | 20 | 0 | 0 | 0 | 9 | 0 | 0 |
| | 1730 | 1209 | 1439.1 | 873.1 | +0.9 | 22.3 | 21.0 | 20.3 | 23.8 | 88 | - 4 | 4.4 | -0.9 | 4.3 | 0 | 0 | 31 | 00 | 1 | 0 | 27 | 0 | 2 | 0 | 1 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1469.6 | 787.8 | -0.9 | 17.4 | 17.2 | 17.1 | 19.5 | 99 | +12 | 6.9 | -0.1 | 0.4 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 29 | 0 |
| | 1730 | 2128 | 1453.3 | 786.3 | -0.3 | 17.4 | 17.1 | 16.9 | 19.3 | 97 | + 4 | 7.3 | +0.1 | 1.1 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 3 | 1 | 0 | 25 | 2 |
| Kohima | 0830 | 1406 | 1559.0 | 865.2 | +6.5 | 20.6 | 19.4 | 18.8 | 21.7 | 89 | + 0 | 7.8 | +0.7 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kohima (Contd.) | 1730 | 1406 | 1518.5 | 861.2 | +4.7 | 22.0 | 20.7 | 20.1 | 23.5 | 89 | - 4 | 8.0 | +0.7 | 2.0 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 | 0 |
| Shillong .. (C.S.O.) | 0830 | 1598 | 1452.2 | 836.0 | +0.9 | 20.5 | 18.9 | 18.0 | 20.6 | 87 | + 8 | 7.0 | +0.2 | 2.7 | 0 | 0 | 14 | 00 | 1 | 1 | 2 | 2 | 4 | 4 | 0 | 17 | 0 |
| | 1730 | 1598 | 1430.6 | 833.9 | +1.5 | 19.9 | 18.8 | 18.2 | 20.9 | 90 | + 8 | 6.9 | -0.3 | 0.9 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 2 | 1 | 3 | 0 | 25 | 0 |
| Cherrapunji | 0830 | 1313 | 1462.1 | 864.7 | +0.0 | 19.7 | 19.3 | 19.1 | 22.1 | 96 | + 5 | . | .. | 7.1 | 0 | 0 | 31 | 00 | 13 | 1 | 1 | 0 | 16 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1452.0 | 863.8 | +1.5 | 19.9 | 19.3 | 19.0 | 22.0 | 95 | + 2 | . | .. | 8.1 | 0 | 0 | 30 | 00 | 6 | 0 | 1 | 0 | 22 | 0 | 1 | 1 | 0 |
| Abu | 0830 | 1195 | 1452.4 | 875.7 | +1.1 | 19.2 | 18.5 | 18.1 | 20.8 | 93 | - 2 | 6.3 | -0.8 | 2.7 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 7 | 11 | 0 | 0 | 13 | 0 |
| | 1730 | 1195 | 1437.3 | 874.2 | +1.0 | 22.5 | 19.9 | 18.4 | 21.1 | 80 | - 9 | 5.1 | -1.6 | 5.2 | 0 | 1 | 20 | 00 | 0 | 0 | 0 | 10 | 11 | 0 | 0 | 10 | 0 |
| Aizal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1451.5 | 888.1 | +0.4 | 21.0 | 20.1 | 19.6 | 22.8 | 92 | + 0 | 7.4 | +0.0 | 5.5 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 13 | 18 | 0 | 0 |
| | 1730 | 1075 | 1434.7 | 886.0 | +0.5 | 22.9 | 20.9 | 19.8 | 23.1 | 81 | - 7 | 7.0 | -0.4 | 4.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 12 | 19 | 0 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1472.0 | 859.2 | +0.1 | 17.3 | 17.3 | 17.3 | 19.7 | 100 | + 6 | 8.0 | +0.1 | 16.7 | 0 | 2 | 29 | 00 | 0 | 0 | 0 | 0 | 24 | 1 | 6 | 0 | 0 |
| | 1730 | 1382 | 1460.0 | 857.9 | +0.3 | 17.8 | 17.8 | 17.8 | 20.4 | 100 | 0 | 8.0 | +0.4 | 14.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 25 | 0 | 6 | 0 | 0 |
| Mercara | 0830 | 1152 | 1489.2 | 884.2 | +0.2 | 18.7 | 18.2 | 17.9 | 20.5 | 95 | - 1 | 5.7 | -1.2 | 17.5 | 0 | 11 | 20 | 02 | 0 | 0 | 0 | 0 | 0 | 26 | 2 | 0 | 1 |
| | 1730 | 1152 | 1470.8 | 882.3 | +0.0 | 19.9 | 19.1 | 18.6 | 21.6 | 92 | - 3 | 6.4 | -0.4 | 16.3 | 0 | 8 | 23 | 01 | 0 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 3 |
| Ootacamund | 0830 | 2249 | 1496.8 | 778.5 | +0.6 | 13.5 | 12.5 | 12.2 | 13.9 | 89 | - 2 | 4.6 | -1.5 | 1.5 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 0 | 6 | 6 | 0 | 19 | 0 |
| | 1730 | 2249 | 1467.4 | 776.4 | +0.0 | 15.5 | 14.0 | 13.5 | 15.1 | 85 | - 3 | 6.3 | -0.7 | 1.7 | 0 | 0 | 12 | 01 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 19 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 19.9 | 16.1 | 13.9 | 15.9 | 69 | - 2 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3137.3 | 769.8 | -0.1 | 14.6 | 12.8 | 11.5 | 13.7 | 82 | + 2 | 6.0 | +0.4 | 8.2 | 0 | 1 | 27 | 00 | 0 | 0 | 5 | 1 | 0 | 7 | 15 | 3 | 0 |
| | 1130 | 2343 | 3146.8 | 770.1 | .. | 17.3 | 14.9 | 13.4 | 15.5 | 78 | .. | 6.7 | .. | 7.3 | 0 | 0 | 30 | 02 | 1 | 1 | 5 | 1 | 0 | 6 | 14 | 1 | 0 |
| | 1730 | 2343 | 3120.4 | 768.3 | +0.0 | 14.6 | 14.0 | 13.6 | 15.6 | 94 | + 4 | 7.8 | +0.5 | 5.8 | 0 | 0 | 26 | 03 | 1 | 0 | 5 | 1 | 0 | 9 | 7 | 5 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1446.9 | 862.3 | -1.6 | 22.1 | 20.5 | 19.8 | 23.1 | 87 | + 4 | 6.9 | +0.5 | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1130 | 1324 | 1442.8 | 861.8 | .. | 24.8 | 21.3 | 19.7 | 23.0 | 74 | .. | 6.6 | .. | 0.7 | 0 | 0 | 6 | 01 | 1 | 1 | 3 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 1730 | 1324 | 1421.5 | 859.7 | -1.6 | 23.4 | 21.4 | 20.4 | 24.0 | 83 | + 1 | 6.9 | +0.3 | 0.5 | 0 | 0 | 4 | 03 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 27 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 14.0 | 12.3 | 11.1 | 13.2 | 83 | - 5 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 27.8 | 25.4 | 24.3 | 30.4 | 81 | .. | 6.3 | .. | 9.0 | 0 | 2 | 25 | 00 | 0 | 7 | 5 | 1 | 1 | 10 | 3 | 4 | 0 |
| | 1730 | | .. | .. | .. | 28.5 | 25.4 | 24.1 | 30.1 | 78 | .. | 7.0 | .. | 7.7 | 0 | 2 | 25 | 00 | 0 | 11 | 6 | 0 | 1 | 5 | 4 | 4 | 0 |
| Hazaribagh | 0830 | 6154 | 1000.9 | 933.9 | .. | 25.8 | 24.0 | 23.3 | 28.6 | 86 | .. | 5.7 | .. | 3.5 | 0 | 0 | 21 | 01 | 0 | 6 | 3 | 1 | 4 | 5 | 1 | 10 | 0 |
| | 1730 | 6154 | 998.2 | 931.4 | .. | 26.5 | 24.3 | 23.5 | 28.9 | 86 | .. | 6.8 | .. | 1.9 | 0 | 0 | 16 | 01 | 0 | 4 | 0 | 1 | 5 | 3 | 2 | 15 | 0 |
| Konar | 0830 | | .. | .. | .. | 21.2[c] | 18.3 | 16.4 | 18.6 | 75[c] | .. | 3.5 | .. | 3.7 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 0 |
| | 1730 | | .. | .. | .. | 22.5[a] | 19.7 | 17.9 | 20.5 | 76[a] | .. | 1.2 | .. | 3.9 | 0 | 0 | 31 | 00 | 0 | 0 | 0 | 0 | 0 | 20 | 11 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1000.7 | 974.1 | .. | 28.6 | 26.6 | 25.8 | 33.2 | 85 | .. | 4.5 | .. | 2.1 | 0 | 0 | 19 | 00 | 0 | 5 | 3 | 0 | 5 | 5 | 1 | 12 | 0 |
| | 1730 | 2420 | 997.8 | 971.2 | .. | 29.1 | 26.9 | 26.0 | 33.6 | 84 | .. | 4.8 | .. | 1.7 | 0 | 0 | 13 | 00 | 0 | 3 | 3 | 0 | 3 | 3 | 1 | 18 | 0 |
| Maithon | 0830 | | .. | .. | .. | 29.4 | 26.6 | 25.5 | 32.6 | 80 | .. | 5.2 | .. | .. | 0[E] | 0 | 31 | 00 | 0 | 0 | 19 | 0 | 6 | 1 | 5 | 0 | 0 |
| | 1730 | | .. | .. | .. | 30.6 | 26.8 | 25.2 | 32.1 | 74 | .. | 5.0 | .. | .. | 0[E] | 0 | 31 | 00 | 0 | 0 | 22 | 0 | 6 | 0 | 3 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 28.0 | 26.0 | 25.0 | 31.7 | 83 | .. | 6.0 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 29.2 | 26.7 | 25.3 | 32.2 | 80 | .. | 6.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 28.9 | 26.8 | 26.0 | 33.6 | 85 | .. | 6.3 | .. | 4.6 | 0 | 0 | 21 | 00 | 3 | 0 | 7 | 0 | 7 | 0 | 4 | 10 | 0 |
| | 1730 | | .. | .. | .. | 2' 3 | 26.6 | 25.6 | 32.8 | 81 | .. | 6.1 | .. | 3.6 | 0 | 0 | 17 | 00 | 2 | 0 | 7 | 0 | 7 | 0 | 1 | 14 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 28.7 | 26.6 | 25.7 | 33.0 | 84 | .. | 7.6 | .. | 6.1 | 0 | 1 | 27 | 00 | 2 | 0 | 6 | 17 | 0 | 0 | 3 | 3 | 0 |
| | 1730 | | .. | .. | .. | 29.7 | 26.8 | 25.3 | 32.6 | 78 | .. | 7.3 | .. | 7.5 | 0 | 0 | 28 | 02 | 0 | 2 | 4 | 18 | 0 | 0 | 2 | 3 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 26.1 | 24.5 | 23.8 | 29.5 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1002.5 | 984.8 | .. | 27.9 | 26.7 | 26.2 | 34.0 | 84 | .. | 5.3 | .. | 5.7 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 4 | 11 | 10 | 4 | 2 | 0 |
| | 1130 | 159 | 1002.1 | 984.4 | .. | 30.1 | 26.4 | 24.9 | 31.5 | 76 | .. | 5.5 | .. | 5.3 | 0 | 0 | 30 | 02 | 1 | 0 | 0 | 2 | 12 | 9 | 4 | 1 | 0 |
| | 1730 | 159 | 999.2 | 981.8 | .. | 29.3 | 26.1 | 24.7 | 31.1 | 78 | .. | 6.0 | .. | 3.7 | 0 | 0 | 23 | 01 | 0 | 0 | 0 | 2 | 6 | 9 | 3 | 8 | 2 |
| Bhimkund | 0830 | | .. | .. | .. | 28.1 | 25.5 | 24.4 | 30.5 | 80 | .. | 6.3 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 29 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 25.8 | 24.9 | 31.5 | 85 | .. | 6.9 | .. | 0.2 | 0 | 0 | 3 | 00 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 28 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 28.4 | 26.2 | 25.3 | 32.2 | 84 | .. | . | .. | 9.8 | 0 | 4 | 19 | 00 | 0 | 0 | 0 | 6 | 2 | 14 | 1 | 8 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 26.0 | 24.0 | 23.1 | 28.3 | 84 | .. | 7.3 | .. | 7.5 | 0 | 1 | 29 | 01 | 2 | 3 | 12 | 2 | 5 | 1 | 4 | 1 | 0 |
| | 1730 | | .. | .. | .. | 26.8 | 24.3 | 23.1 | 28.3 | 82 | .. | 6.8 | .. | 8.5 | 0 | 1 | 30 | 00 | 4 | 5 | 10 | 3 | 6 | 0 | 3 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 25.4 | 23.5 | 22.6 | 27.3 | 85 | .. | 7.1 | .. | 13.4 | 0 | 1 | 30 | 00 | 0 | 0 | 0 | 0 | 24 | 7 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 24.3 | 22.7 | 27.6 | 76 | .. | 6.7 | .. | 11.6 | 0 | 1 | 30 | 00 | 0 | 0 | 2 | 1 | 21 | 6 | 1 | 0 | 0 |
| Punasa | 0830 | | .. | .. | .. | 26.0 | .. | .. | .. | .. | .. | . | .. | 11.1 | 0 | 1 | 28 | 00 | 0 | 0 | 0 | 0 | 17 | 9 | 3 | 2 | 0 |
| | 1730 | | .. | .. | .. | 27.9 | .. | .. | .. | .. | .. | . | .. | 11.5 | 0 | 0 | 31 | 00 | 2 | 0 | 0 | 0 | 19 | 7 | 3 | 0 | 0 |
| Thikri | 0830 | | .. | .. | .. | 27.0 | 24.3 | 22.9 | 28.3 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - AUGUST 1966 (SRAVANA 10 - BHADRA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 26.2 | 24.0 | 22.9 | 28.1 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 31.0 | 25.0 | 22.1 | 26.7 | 61 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 19.6 | 16.2 | 14.5 | 16.5 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.6 | 16.2 | 14.5 | 16.7 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 23.7 | 22.2 | 21.6 | 25.7 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.1 | 23.1 | 22.2 | 26.7 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | | .. | .. | .. | 20.4 | 19.0 | 18.3 | 21.0 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.4 | 19.4 | 18.5 | 21.3 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 23.9 | 22.7 | 22.2 | 26.7 | 90 | .. | 6.9 | .. | 0.4 | 0 | 0 | 3 | 01 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1130 | | .. | .. | .. | 26.3 | 23.5 | 22.2 | 26.8 | 79 | .. | 6.5 | .. | 2.2 | 0 | 0 | 20 | 00 | 0 | 0 | 15 | 4 | 1 | 0 | 0 | 11 | 0 |
| | 1730 | | .. | .. | .. | 25.8 | 23.4 | 22.4 | 27.0 | 82 | .. | 6.5 | .. | 1.7 | 0 | 0 | 16 | 00 | 1 | 2 | 9 | 1 | 1 | 0 | 2 | 15 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 21.9 | 21.3 | 20.9 | 24.8 | 94 | .. | 7.3 | .. | .. | . | .. | .. | 00 | 0 | 2 | 3 | 1 | 3 | 2 | 0 | 20 | 0 |
| | 1130 | | .. | .. | .. | 24.1 | 22.6 | 21.9 | 26.3 | 88 | .. | 6.6 | .. | .. | . | .. | .. | 01 | 1 | 1 | 5 | 0 | 16 | 3 | 0 | 4 | 0 |
| | 1730 | | .. | .. | .. | 24.1 | 22.4 | 21.6 | 25.8 | 86 | .. | 6.5 | .. | .. | . | .. | .. | 00 | 0 | 1 | 1 | 1 | 10 | 2 | 0 | 16 | 0 |
| Nuwakot | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 21.8 | 20.7 | 20.2 | 23.6 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.0 | 21.6 | 20.9 | 24.7 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | Temporarily closed from 28.5.1966 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | | .. | .. | .. | 22.5 | 21.0 | 20.3 | 23.8 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.5 | 21.0 | 20.2 | 23.7 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 27.8 | 25.9 | 25.1 | 31.9 | 86 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 28.3 | 26.3 | 25.5 | 32.7 | 85 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Walungchung Gola | 0830 | | .. | .. | .. | 12.8 | 12.2 | 11.8 | 13.9 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.4 | 12.1 | 12.0 | 14.0 | 97 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 21.4 | 20.4 | 19.8 | 23.1 | 91 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.9 | 20.6 | 20.0 | 23.5 | 90 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 20.2 | 19.3 | 18.9 | 21.8 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 19.8 | 19.3 | 19.0 | 22.0 | 95 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 19.5 | 18.8 | 18.6 | 21.4 | 94 | .. | 7.5 | .. | .. | . | .. | .. | 01 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 27 | 0 |
| | 1130 | | .. | .. | .. | 22.0 | 20.1 | 19.7 | 22.5 | 86 | .. | 7.2 | .. | .. | . | .. | .. | 02 | 1 | 0 | 1 | 2 | 3 | 9 | 5 | 8 | 0 |
| | 1730 | | .. | .. | .. | 20.6 | 19.3 | 18.7 | 21.5 | 89 | .. | 7.3 | .. | .. | . | .. | .. | 00 | 2 | 0 | 2 | 5 | 0 | 0 | 0 | 22 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 19.1 | 18.6 | 18.3 | 21.1 | 96 | .. | 7.4 | .. | 1.7 | 0 | 1 | 8 | 00 | 0 | 2 | 2 | 0 | 0 | 5 | 0 | 22 | 0 |
| | 1130 | | .. | .. | .. | 20.9 | 19.5 | 18.8 | 21.8 | 88 | .. | 7.0 | .. | 3.1 | 0 | 0 | 18 | 00 | 1 | 0 | 2 | 2 | 0 | 11 | 0 | 13 | 0 |
| | 1730 | | .. | .. | .. | 19.8 | 19.0 | 18.6 | 21.5 | 93 | .. | 6.7 | .. | 2.2 | 0 | 0 | 14 | 00 | 0 | 0 | 2 | 2 | 2 | 8 | 0 | 17 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 21.4 | 20.7 | 20.3 | 23.9 | 93 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.2 | 21.7 | 21.0 | 24.8 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | | .. | .. | .. | 24.5 | 22.4 | 21.4 | 25.5 | 84 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.1 | 21.8 | 20.8 | 24.6 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1002.3 | 985.9 | .. | 26.4 | 25.2 | 24.7 | 31.1 | 91 | .. | 7.0 | .. | 1.2 | 0 | 0 | 18 | 00 | 0 | 0 | 1 | 0 | 9 | 4 | 4 | 13 | 0 |
| | 1130 | 146 | 1001.7 | 985.5 | .. | 28.1 | 25.9 | 25.0 | 31.6 | 83 | .. | 7.0 | .. | 2.8 | 0 | 0 | 29 | 00 | 1 | 2 | 1 | 3 | 12 | 7 | 3 | 2 | 0 |
| | 1730 | 146 | 999.0 | 982.8 | .. | 28.1 | 26.5 | 25.8 | 33.3 | 88 | .. | 6.2 | .. | 0.7 | 0 | 0 | 10 | 00 | 0 | 2 | 0 | 1 | 5 | 1 | 1 | 21 | 0 |
| ZISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1450.0 | 815.3 | .. | 19.0 | 18.4 | 18.1 | 20.8 | 95 | .. | . | .. | 0.7 | 10 | 0 | 5 | 02 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 24 | 0 |
| | 1130 | 1812 | 1445.7 | 815.1 | .. | 20.9 | 19.6 | 18.9 | 21.9 | 89 | .. | 7.2 | .. | 3.6 | 10 | 0 | 16 | 01 | 2 | 0 | 2 | 12 | 4 | 1 | 0 | 9 | 0 |
| | 1730 | 1812 | 1426.2 | 813.2 | .. | 20.0 | 18.9 | 18.5 | 21.2 | 91 | .. | 7.8 | .. | 2.5 | 10 | 0 | 15 | 01 | 0 | 1 | 5 | 9 | 3 | 0 | 0 | 12 | 0 |
| Gezing | 0830 | | .. | .. | .. | 20.3 | 19.9 | 19.7 | 22.9 | 96 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.1 | 20.1 | 19.6 | 22.8 | 92 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 55 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 15 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. above mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations.

S = represents the mean wind speed in metres per second irrespective of direction.

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5,4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| S. No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of Opening ** | Approximate times of flight (I. S. T.) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530 | 1130 | 1730 | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | 1130 | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santacruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May. 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Jodhpur | 26 18 | 73 01 | 229 | 15th Oct. 1934 | 0530* | 1130 | 1730* | 2330 |
| 38. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530* | 1130 | 1730* | 2330 |
| 39. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 40. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 41. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | | 1730* | 2330 |
| 42. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 43. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 44. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 45. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 46. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 47. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 48. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 49. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 50. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 51. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 52. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 53. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 54. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 55. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.3 | 02.1 | 145 | 31 | 02.4 | 08.1 | 171 | 31 | 02.4 | 02.1 | 152 | 31 | 02.8 | 02.6 | 253 | 31 | 02.7 | 02.5 | 244 | 31 | 02.6 | 02.4 | 254 |
| .15 A.G.L. | 25 | 06.7 | 06.4 | 155 | 30 | 06.2 | 05.6 | 176 | 27 | 08.3 | 08.1 | 171 | 30 | 07.6 | 07.1 | 260 | 31 | 04.9 | 04.8 | 246 | 31 | 06.0 | 05.7 | 251 |
| .3A.M.S.L. | 25 | 08.3 | 07.8 | 172 | 30 | 06.5 | 06.0 | 181 | 27 | 09.1 | 08.9 | 184 | 30 | 08.2 | 07.6 | 264 | 31 | 05.2 | 05.1 | 248 | 31 | 05.9 | 05.6 | 253 |
| .6 ,, | 24 | 08.2 | 07.5 | 179 | 30 | 07.5 | 07.0 | 186 | 27 | 09.1 | 08.9 | 192 | 30 | 10.1 | 09.7 | 275 | 31 | 05.8 | 05.6 | 251 | 31 | 05.9 | 05.6 | 256 |
| .9 ,, | 22 | 07.6 | 06.8 | 183 | 29 | 07.7 | 06.8 | 186 | 26 | 08.3 | 07.9 | 195 | 30 | 09.4 | 09.2 | 272 | 26 | 06.5 | 06.3 | 254 | 31 | 06.6 | 06.3 | 260 |
| 1.5 ,, | 21 | 06.7 | 05.6 | 193 | 25 | 07.0 | 05.3 | 186 | 26 | 06.2 | 05.5 | 200 | 30 | 08.4 | 07.6 | 250 | 19 | 06.9 | 06.6 | 242 | 31 | 07.7 | 07.3 | 262 |
| 2.1 ,, | 15 | 06.1 | 04.5 | 197 | 24 | 07.4 | 05.0 | 190 | 22 | 04.9 | 03.6 | 202 | 30 | 06.4 | 04.5 | 243 | 10 | 05.0 | 02.9 | 228 | 31 | 06.7 | 05.8 | 268 |
| 3.0 ,, | 11 | 05.4 | 04.2 | 177 | 18 | 05.8 | 03.9 | 180 | 11 | 04.0 | 03.0 | 179 | 29 | 05.9 | 02.2 | 338 | 02 | 04.5 | 04.5 | 212 | 31 | 05.6 | 03.2 | 299 |
| 3.6 ,, | 07 | 05.9 | 03.9 | 163 | 09 | 03.4 | 02.3 | 199 | 01 | 04.0 | 04.0 | 235 | 29 | 06.9 | 03.3 | 353 | 02 | 04.0 | 03.9 | 216 | 31 | 06.5 | 04.2 | 340 |
| 4.5 ,, | 07 | 06.9 | 04.1 | 156 | 06 | 02.8 | 02.2 | 226 | 01 | 03.0 | 03.0 | 150 | 29 | 07.6 | 04.9 | 348 | 02 | 04.0 | 03.9 | 244 | 31 | 07.0 | 03.0 | 350 |
| 5.4 ,, | 03 | 12.7 | 10.9 | 150 | 02 | 03.0 | 02.1 | 029 | 01 | 02.0 | 02.0 | 160 | 29 | 06.0 | 03.5 | 017 | 01 | 02.0 | 02.0 | 152 | 31 | 06.5 | 02.0 | 332 |
| 6.0 ,, | 03 | 14.7 | 13.0 | 142 | 01 | 08.0 | 08.0 | 010 | 01 | 02.0 | 02.0 | 180 | 29 | 05.2 | 02.8 | 047 | | | | | 31 | 05.5 | 00.3 | 337 |
| 7.2 ,, | | | | | | | | | | | | | 29 | 04.7 | 03.5 | 094 | | | | | 31 | 05.4 | 02.9 | 080 |
| 9.0 ,, | | | | | | | | | | | | | 29 | 07.6 | 06.7 | 082 | | | | | 31 | 07.6 | 06.1 | 087 |

| STATION | AHMADABAD | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | | | | | AMBALA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.9 | 02.4 | 228 | 17 | 00.9 | 00.9 | 232 | 14 | 00.9 | 00.3 | 235 | 17 | 01.0 | 00.8 | 241 | 31 | 00.4 | 00.3 | 238 | 31 | 00.9 | 00.2 | 135 |
| .15 A.G.L. | 31 | 06.8 | 05.8 | 239 | 16 | 06.0 | 05.1 | 257 | 13 | 03.7 | 01.2 | 210 | 17 | 04.9 | 03.2 | 265 | 30 | 05.2 | 02.9 | 247 | 29 | 06.5 | 01.3 | 174 |
| .3A.M.S.L. | 31 | 07.8 | 06.8 | 240 | 16 | 06.3 | 05.3 | 260 | 13 | 03.8 | 00.8 | 183 | 17 | 04.9 | 03.5 | 266 | 30 | 05.4 | 03.4 | 243 | 29 | 03.4 | 00.7 | 154 |
| .6 ,, | 31 | 08.4 | 07.7 | 256 | 16 | 07.1 | 05.6 | 274 | 13 | 03.7 | 01.2 | 214 | 17 | 05.9 | 04.3 | 272 | 30 | 05.9 | 04.1 | 256 | 29 | 07.4 | 01.4 | 171 |
| .9 ,, | 29 | 08.2 | 07.4 | 260 | 16 | 07.6 | 05.7 | 272 | 07 | 04.1 | 02.1 | 222 | 17 | 06.4 | 04.1 | 273 | 29 | 05.9 | 04.1 | 258 | 26 | 07.7 | 01.1 | 186 |
| 1.5 ,, | 24 | 05.9 | 05.7 | 259 | 15 | 06.8 | 02.2 | 281 | 05 | 04.8 | 02.1 | 202 | 17 | 06.8 | 03.8 | 266 | 28 | 05.6 | 02.7 | 256 | 24 | 07.7 | 01.0 | 154 |
| 2.1 ,, | 16 | 05.3 | 03.4 | 272 | 14 | 05.9 | 01.6 | 283 | 03 | 04.0 | 02.6 | 129 | 16 | 06.1 | 03.1 | 265 | 23 | 04.7 | 01.2 | 238 | 15 | 08.6 | 00.9 | 089 |
| 3.0 ,, | 14 | 05.4 | 01.8 | 331 | 11 | 05.3 | 01.8 | 302 | 01 | 02.0 | 02.0 | 032 | 11 | 06.2 | 04.0 | 304 | 14 | 04.1 | 00.6 | 145 | 06 | 08.7 | 07.6 | 324 |
| 3.6 ,, | 06 | 05.3 | 02.8 | 051 | 08 | 04.3 | 00.8 | 141 | | | | | 09 | 05.6 | 02.8 | 329 | 06 | 03.5 | 00.7 | 342 | 05 | 07.0 | 04.3 | 338 |
| 4.5 ,, | 04 | 04.2 | 02.4 | 032 | 06 | 04.5 | 02.1 | 202 | | | | | 06 | 04.7 | 01.3 | 070 | | | | | 02 | 03.0 | 02.5 | 080 |
| 5.4 ,, | 02 | 05.5 | 05.1 | 060 | 05 | 04.2 | 01.5 | 060 | | | | | 06 | 04.8 | 01.7 | 116 | | | | | 01 | 04.0 | 04.0 | 122 |
| 6.0 ,, | 02 | 07.5 | 07.5 | 078 | 04 | 03.5 | 01.5 | 012 | | | | | 05 | 03.6 | 02.8 | 117 | | | | | 01 | 04.0 | 04.0 | 180 |
| 7.2 ,, | | | | | 02 | 07.0 | 07.0 | 046 | | | | | | | | | | | | | 01 | 03.0 | 03.0 | 127 |
| 9.0 ,, | | | | | 01 | 10.0 | 10.0 | 067 | | | | | | | | | | | | | | | | |

| STATION | AMBALA | | | | | | | | | | | | AMINI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 00.5 | 145 | 31 | 01.6 | 00.1 | 270 | 31 | 00.7 | 00.3 | 107 | 31 | 08.3 | 07.8 | 297 | 31 | 08.9 | 08.3 | 299 | 31 | 08.6 | 07.8 | 299 |
| .15 A.G.L. | 26 | 04.7 | 01.3 | 155 | 29 | 05.0 | 00.5 | 301 | 29 | 06.2 | 00.5 | 097 | 31 | 07.9 | 07.5 | 293 | 31 | 08.3 | 07.9 | 297 | 29 | 08.5 | 08.2 | 299 |
| .3A.M.S.L. | 26 | 02.8 | 00.4 | 196 | 29 | 02.9 | 00.3 | 267 | 29 | 02.7 | 00.5 | 067 | 31 | 08.5 | 08.1 | 293 | 31 | 09.3 | 08.9 | 297 | 29 | 09.2 | 08.8 | 299 |
| .6 ,, | 26 | 06.0 | 01.7 | 158 | 29 | 05.5 | 00.4 | 316 | 29 | 06.8 | 00.3 | 203 | 31 | 10.2 | 09.8 | 295 | 31 | 10.5 | 10.0 | 297 | 29 | 10.0 | 09.7 | 299 |
| .9 ,, | 24 | 07.2 | 01.1 | 182 | 29 | 06.3 | 01.2 | 290 | 29 | 07.3 | 00.7 | 271 | 30 | 10.5 | 10.1 | 298 | 30 | 10.9 | 10.6 | 297 | 28 | 10.9 | 10.7 | 299 |
| 1.5 ,, | 23 | 07.5 | 01.4 | 265 | 26 | 06.9 | 01.3 | 273 | 29 | 08.0 | 02.3 | 288 | 27 | 09.8 | 09.5 | 299 | 23 | 09.9 | 09.7 | 296 | 22 | 09.2 | 09.0 | 299 |
| 2.1 ,, | 19 | 07.7 | 02.2 | 283 | 19 | 07.4 | 02.1 | 300 | 25 | 07.8 | 02.2 | 276 | 20 | 08.2 | 07.9 | 298 | 18 | 08.3 | 08.1 | 294 | 18 | 07.8 | 07.7 | 295 |
| 3.0 ,, | 08 | 08.1 | 05.4 | 311 | 10 | 07.2 | 03.5 | 318 | 19 | 06.2 | 01.9 | 288 | 10 | 06.4 | 06.1 | 298 | 08 | 06.4 | 06.2 | 290 | 07 | 05.3 | 05.1 | 303 |
| 3.6 ,, | 06 | 06.3 | 04.1 | 301 | 09 | 06.1 | 01.9 | 299 | 04 | 02.3 | 00.3 | 164 | 04 | 06.0 | 05.2 | 296 | 03 | 03.7 | 03.4 | 300 | 03 | 04.0 | 03.9 | 324 |
| 4.5 ,, | 04 | 05.5 | 01.9 | 218 | 06 | 05.5 | 01.8 | 287 | 01 | 03.0 | 03.0 | 325 | | | | | 01 | 05.0 | 05.0 | 298 | 01 | 04.0 | 04.0 | 320 |
| 5.4 ,, | 04 | 05.7 | 01.7 | 188 | 06 | 05.0 | 02.7 | 224 | 01 | 02.0 | 02.0 | 287 | | | | | | | | | 01 | 02.0 | 02.0 | 020 |
| 6.0 ,, | 04 | 04.5 | 01.2 | 214 | 04 | 06.3 | 05.9 | 219 | | | | | | | | | | | | | 01 | 02.0 | 02.0 | 077 |
| 7.2 ,, | 02 | 05.5 | 05.3 | 221 | 02 | 08.5 | 08.5 | 264 | | | | | | | | | | | | | | | | |
| 9.0 ,, | 01 | 10.0 | 10.0 | 281 | 01 | 11.0 | 11.0 | 289 | | | | | | | | | | | | | | | | |

| STATION | ANANTAPUR | | | | | | | | | | | | ASANSOL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.9 | 02.8 | 265 | 31 | 03.9 | 03.3 | 288 | 31 | 05.0 | 04.8 | 268 | 31 | 00.9 | 00.5 | 187 | 31 | 01.0 | 00.5 | 187 | 31 | 00.9 | 00.6 | 169 |
| .15 A.G.L. | 30 | 08.1 | 07.9 | 266 | 31 | 07.1 | 06.2 | 275 | 29 | 11.1 | 10.7 | 264 | 27 | 04.1 | 01.6 | 208 | 29 | 03.6 | 02.0 | 168 | 27 | 04.6 | 03.7 | 182 |
| .3A.M.S.L. | | | | | | | | | | | | | 27 | 04.4 | 01.9 | 218 | 29 | 03.7 | 02.2 | 168 | 27 | 04.7 | 03.9 | 185 |
| .6 ,, | 30 | 09.1 | 08.9 | 268 | 31 | 07.0 | 06.3 | 272 | 29 | 11.9 | 11.6 | 265 | 27 | 05.5 | 02.5 | 251 | 29 | 04.7 | 03.2 | 170 | 27 | 05.6 | 04.8 | 203 |
| .9 ,, | 30 | 10.3 | 10.0 | 281 | 31 | 07.5 | 06.9 | 275 | 29 | 13.1 | 12.8 | 270 | 23 | 05.5 | 03.4 | 265 | 29 | 04.5 | 02.7 | 174 | 26 | 04.9 | 03.7 | 207 |
| 1.5 ,, | 25 | 10.7 | 10.1 | 293 | 30 | 08.6 | 08.1 | 281 | 29 | 10.2 | 09.9 | 283 | 19 | 05.5 | 03.5 | 271 | 29 | 04.2 | 02.1 | 206 | 24 | 04.7 | 02.1 | 228 |
| 2.1 ,, | 22 | 07.8 | 06.8 | 287 | 26 | 08.0 | 07.7 | 288 | 25 | 07.3 | 06.8 | 295 | 17 | 05.4 | 03.6 | 269 | 27 | 04.2 | 02.1 | 213 | 22 | 05.0 | 02.4 | 238 |
| 3.0 ,, | 14 | 05.4 | 04.7 | 270 | 17 | 07.2 | 06.8 | 296 | 15 | 05.3 | 04.3 | 311 | 14 | 04.4 | 03.2 | 257 | 21 | 03.0 | 01.3 | 224 | 15 | 03.6 | 02.1 | 216 |
| 3.6 ,, | 14 | 05.4 | 04.8 | 280 | 11 | 07.8 | 07.1 | 287 | 06 | 03.2 | 02.0 | 326 | 12 | 04.6 | 03.9 | 252 | 17 | 03.9 | 01.6 | 206 | 08 | 03.9 | 02.2 | 206 |
| 4.5 ,, | 08 | 04.5 | 03.2 | 294 | 06 | 05.3 | 03.4 | 317 | 02 | 04.5 | 00.9 | 273 | 08 | 03.1 | 01.8 | 228 | 13 | 03.7 | 00.4 | 244 | 05 | 03.8 | 01.5 | 178 |
| 5.4 ,, | 05 | 03.6 | 02.1 | 026 | 03 | 05.0 | 04.6 | 254 | 01 | 04.0 | 04.0 | 110 | 06 | 02.5 | 00.6 | 141 | 11 | 03.1 | 01.2 | 076 | 02 | 04.0 | 01.7 | 065 |
| 6.0 ,, | 04 | 04.5 | 03.4 | 064 | 03 | 06.3 | 04.2 | 270 | 01 | 05.0 | 05.0 | 140 | 03 | 02.0 | 01.3 | 122 | 09 | 03.2 | 02.9 | 097 | 01 | 06.0 | 06.0 | 105 |
| 7.2 ,, | 04 | 06.8 | 06.2 | 078 | 01 | 04.0 | 04.0 | 112 | | | | | 02 | 06.5 | 05.8 | 110 | 07 | 04.0 | 03.0 | 092 | 01 | 06.0 | 06.0 | 100 |
| 9.0 ,, | 01 | 15.0 | 15.0 | 107 | 01 | 09.0 | 09.0 | 095 | | | | | | | | | 03 | 05.7 | 05.1 | 057 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | | | | | BAHRAICH | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.8 | 03.6 | 270 | 31 | 05.1 | 04.7 | 284 | 31 | 04.1 | 03.9 | 279 | 31 | 01.5 | 00.3 | 142 | 31 | 02.4 | 00.8 | 132 | 31 | 01.7 | 00.6 | 164 |
| .15 A.G.L. | 31 | 07.6 | 07.4 | 275 | 29 | 07.9 | 07.2 | 284 | 31 | 07.9 | 07.0 | 282 | 17 | 05.3 | 00.8 | 147 | 23 | 05.4 | 01.7 | 126 | 28 | 05.6 | 01.9 | 169 |
| .3A.M.S.L. | | | | | | | | | | | | | 17 | 05.4 | 00.8 | 168 | 23 | 05.5 | 01.8 | 123 | 28 | 05.8 | 02.0 | 168 |
| .6 ,, | | | | | | | | | | | | | 17 | 07.9 | 00.5 | 264 | 22 | 07.2 | 01.9 | 122 | 28 | 06.7 | 01.8 | 157 |
| .9 ,, | 31 | 09.6 | 09.4 | 280 | 29 | 07.9 | 07.4 | 282 | 31 | 09.6 | 09.3 | 288 | 17 | 08.7 | 00.7 | 275 | 19 | 07.8 | 00.5 | 144 | 25 | 07.4 | 01.6 | 167 |
| 1.5 ,, | 27 | 09.3 | 08.4 | 286 | 25 | 08.5 | 08.0 | 279 | 30 | 09.7 | 08.6 | 287 | 09 | 06.9 | 01.5 | 311 | 11 | 09.4 | 02.8 | 282 | 13 | 06.4 | 02.1 | 287 |
| 2.1 ,, | 24 | 07.0 | 05.8 | 275 | 21 | 07.8 | 07.3 | 284 | 23 | 06.6 | 05.3 | 279 | 05 | 05.2 | 01.9 | 100 | 05 | 08.0 | 07.6 | 297 | 11 | 07.4 | 04.4 | 288 |
| 3.0 ,, | 16 | 03.6 | 02.9 | 272 | 10 | 06.4 | 05.5 | 274 | 18 | 03.8 | 02.5 | 270 | | | | | 01 | 12.0 | 12.0 | 278 | 04 | 03.3 | 01.6 | 317 |
| 3.6 ,, | 09 | 02.9 | 02.4 | 282 | 06 | 04.5 | 03.3 | 277 | 14 | 03.3 | 01.7 | 297 | | | | | 01 | 17.0 | 17.0 | 275 | | | | |
| 4.5 ,, | 07 | 02.4 | 01.1 | 289 | 03 | 04.0 | 03.6 | 304 | 09 | 03.1 | 01.3 | 344 | | | | | | | | | | | | |
| 5.4 ,, | 02 | 04.0 | 04.0 | 301 | 02 | 01.5 | 00.5 | 331 | 07 | 03.4 | 01.3 | 018 | | | | | | | | | | | | |
| 6.0 ,, | 01 | 03.0 | 03.0 | 340 | 02 | 03.0 | 02.0 | 134 | 02 | 01.5 | 01.1 | 072 | | | | | | | | | | | | |
| 7.2 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

| STATION | BANGALORE | | | | | | | | | | | | | | | | BAREILLY | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 @ | | | | 1130 | | | | 1730 @ | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.1 | 03.8 | 266 | 31 | 04.2 | 03.6 | 276 | 31 | 03.6 | 03.0 | 287 | 31 | 03.8 | 03.3 | 262 | 31 | 01.3 | 00.3 | 080 | 31 | 01.4 | 00.2 | 280 |
| .15 A.G.L. | 20 | 06.9 | 06.6 | 275 | 30 | 06.4 | 05.8 | 278 | 31 | 05.9 | 05.3 | 282 | 31 | 06.8 | 06.3 | 268 | 28 | 06.2 | 00.9 | 098 | 31 | 04.7 | 00.6 | 253 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 28 | 05.3 | 00.6 | 080 | 31 | 04.5 | 00.6 | 258 |
| .6 ,, | | | | | | | | | | | | | | | | | 28 | 09.1 | 00.6 | 031 | 31 | 05.2 | 00.9 | 212 |
| .9 ,, | | | | | | | | | | | | | | | | | 25 | 10.2 | 03.6 | 329 | 30 | 05.9 | 01.0 | 231 |
| 1.5 ,, | 19 | 08.9 | 08.5 | 287 | 29 | 06.9 | 06.7 | 283 | 31 | 06.4 | 06.1 | 280 | 29 | 09.3 | 09.0 | 282 | 21 | 09.0 | 02.4 | 325 | 26 | 06.8 | 02.5 | 271 |
| 2.1 ,, | 17 | 06.8 | 06.3 | 287 | 13 | 06.3 | 06.0 | 282 | 30 | 07.0 | 06.9 | 282 | 28 | 06.4 | 05.8 | 287 | 20 | 08.7 | 02.5 | 325 | 22 | 06.2 | 02.4 | 278 |
| 3.0 ,, | 15 | 04.2 | 03.4 | 290 | 01 | 02.0 | 02.0 | 345 | 24 | 06.4 | 06.0 | 282 | 16 | 05.4 | 04.7 | 295 | 16 | 08.3 | 01.9 | 332 | 18 | 05.3 | 01.2 | 301 |
| 3.6 ,, | 14 | 04.8 | 03.3 | 303 | | | | | 18 | 05.4 | 04.9 | 284 | 13 | 05.8 | 05.1 | 300 | 10 | 08.1 | 01.0 | 318 | 14 | 03.9 | 00.4 | 050 |
| 4.5 ,, | 13 | 05.4 | 03.2 | 316 | | | | | 15 | 05.3 | 04.0 | 289 | 06 | 04.8 | 03.3 | 310 | 08 | 05.7 | 04.7 | 122 | 09 | 02.8 | 01.5 | 114 |
| 5.4 ,, | 12 | 03.0 | 00.9 | 020 | | | | | 12 | 05.3 | 04.3 | 300 | 02 | 03.5 | 03.5 | 045 | 05 | 03.8 | 02.4 | 121 | 08 | 04.1 | 01.3 | 209 |
| 6.0 ,, | 10 | 03.4 | 02.2 | 074 | | | | | 10 | 05.0 | 03.1 | 283 | 01 | 05.0 | 05.0 | 075 | 05 | 03.6 | 01.5 | 146 | 07 | 03.3 | 01.3 | 135 |
| 7.2 ,, | 07 | 06.0 | 05.2 | 089 | | | | | 08 | 04.4 | 01.1 | 076 | 01 | 02.0 | 02.0 | 070 | 03 | 04.0 | 00.5 | 025 | 07 | 04.3 | 01.7 | 087 |
| 9.0 ,, | 05 | 09.0 | 08.9 | 101 | | | | | 06 | 08.2 | 07.3 | 099 | | | | | 03 | 04.7 | 02.5 | 021 | 06 | 04.8 | 03.8 | 088 |

| STATION | BEGAMPET (See foot-note) | | | | | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.6 | 03.1 | 274 | 31 | 03.3 | 02.3 | 288 | 31 | 01.8 | 01.6 | 273 | 31 | 01.4 | 00.8 | 131 | 31 | 01.3 | 00.6 | 098 | 31 | 04.1 | 03.7 | 256 |
| .15 A.G.L. | 29 | 08.2 | 07.7 | 278 | 30 | 05.8 | 04.8 | 292 | 29 | 05.7 | 03.8 | 275 | 25 | 05.5 | 02.9 | 159 | 28 | 05.3 | 03.0 | 096 | 23 | 10.0 | 09.5 | 266 |
| .3A.M.S.L. | | | | | | | | | | | | | 25 | 05.6 | 02.6 | 174 | 28 | 05.5 | 03.0 | 093 | | | | |
| .6 ,, | 29 | 06.2 | 05.9 | 277 | 30 | 05.2 | 04.1 | 290 | 29 | 03.8 | 02.2 | 270 | 25 | 06.0 | 01.9 | 206 | 28 | 05.7 | 02.5 | 128 | 23 | 08.2 | 07.7 | 260 |
| .9 ,, | 29 | 10.4 | 09.6 | 292 | 30 | 06.0 | 05.5 | 288 | 29 | 06.6 | 05.5 | 281 | 25 | 05.6 | 01.7 | 227 | 28 | 05.8 | 02.7 | 154 | 21 | 11.6 | 11.1 | 283 |
| 1.5 ,, | 26 | 11.5 | 10.9 | 298 | 29 | 08.2 | 07.5 | 277 | 29 | 08.1 | 07.6 | 285 | 25 | 05.3 | 00.9 | 206 | 28 | 05.7 | 02.2 | 176 | 18 | 07.7 | 07.3 | 288 |
| 2.1 ,, | 25 | 09.4 | 08.6 | 290 | 27 | 09.3 | 08.6 | 279 | 28 | 08.3 | 07.9 | 291 | 22 | 05.0 | 01.4 | 256 | 27 | 06.0 | 02.0 | 183 | 12 | 04.7 | 03.5 | 309 |
| 3.0 ,, | 17 | 07.1 | 05.5 | 276 | 21 | 09.8 | 08.8 | 276 | 21 | 07.3 | 06.8 | 285 | 11 | 03.8 | 01.3 | 130 | 20 | 06.0 | 02.1 | 237 | 08 | 04.7 | 02.5 | 287 |
| 3.6 ,, | 15 | 06.0 | 03.7 | 281 | 15 | 08.5 | 07.6 | 278 | 05 | 05.2 | 04.5 | 300 | 09 | 03.0 | 01.1 | 161 | 12 | 04.7 | 01.4 | 247 | 06 | 03.3 | 01.0 | 299 |
| 4.5 ,, | 08 | 04.6 | 01.6 | 278 | 06 | 07.2 | 05.4 | 246 | 02 | 04.5 | 03.5 | 055 | 03 | 03.0 | 00.4 | 180 | 06 | 05.0 | 01.7 | 231 | 06 | 03.2 | 02.5 | 275 |
| 5.4 ,, | 03 | 05.3 | 02.0 | 338 | 01 | 04.0 | 04.0 | 152 | | | | | 02 | 05.0 | 05.0 | 108 | | | | | 04 | 04.0 | 00.9 | 010 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 045 | 01 | 03.0 | 03.0 | 135 | | | | | 01 | 02.0 | 02.0 | 077 | | | | | 02 | 04.0 | 01.7 | 075 |
| 7.2 ,, | 01 | 07.0 | 07.0 | 080 | 01 | 02.0 | 02.0 | 090 | | | | | 01 | 03.0 | 03.0 | 070 | | | | | 02 | 06.0 | 06.0 | 079 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 06.0 | 06.0 | 065 | | | | | 02 | 07.0 | 07.0 | 070 |

| STATION | BHOPAL/BAIRAGARH | | | | | | | | BHUBANESHWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.0 | 04.4 | 270 | 31 | 03.1 | 02.6 | 267 | 31 | 02.3 | 01.9 | 233 | 31 | 03.6 | 02.2 | 225 | 31 | 03.0 | 02.8 | 220 | 31 | 03.4 | 03.3 | 228 |
| .15 A.G.L. | 27 | 07.3 | 06.5 | 271 | 24 | 07.5 | 07.0 | 269 | 30 | 05.3 | 04.4 | 238 | 28 | 05.9 | 04.4 | 223 | 29 | 06.2 | 06.0 | 220 | 31 | 08.5 | 08.3 | 245 |
| .3A.M.S.L. | | | | | | | | | 30 | 05.9 | 04.7 | 245 | 28 | 05.9 | 04.5 | 224 | 29 | 07.1 | 06.5 | 231 | 31 | 09.0 | 08.0 | 245 |
| .6 ,, | 27 | 07.0 | 06.2 | 268 | 24 | 06.4 | 05.9 | 266 | 30 | 06.5 | 05.3 | 250 | 27 | 06.7 | 04.5 | 228 | 29 | 07.5 | 06.7 | 240 | 31 | 09.8 | 09.6 | 250 |
| .9 ,, | 26 | 07.8 | 0 .2 | 282 | 24 | 09.1 | 08.7 | 280 | 29 | 06.7 | 05.1 | 268 | 25 | 06.0 | 04.0 | 250 | 29 | 07.0 | 05.8 | 253 | 31 | 10.0 | 09.8 | 250 |
| 1.5 ,, | 24 | 08.9 | 08.4 | 283 | 23 | 09.2 | 08.4 | 282 | 24 | 05.7 | 04.3 | 279 | 23 | 06.0 | 03.8 | 263 | 20 | 05.9 | 04.5 | 273 | 19 | 08.4 | 07.0 | 250 |
| 2.1 ,, | 20 | 07.5 | 06.9 | 286 | 17 | 05.8 | 04.6 | 299 | 21 | 05.2 | 03.8 | 270 | 15 | 05.0 | 04.5 | 283 | 14 | 04.1 | 02.4 | 275 | 12 | 05.7 | 02.7 | 261 |
| 3.0 ,, | 13 | 06.2 | 05.8 | 293 | 10 | 04.8 | 03.7 | 317 | 12 | 03.9 | 01.3 | 289 | 13 | 04.3 | 03.1 | 284 | 10 | 04.5 | 02.1 | 260 | 11 | 04.9 | 01.4 | 340 |
| 3.6 ,, | 10 | 05.7 | 05.2 | 290 | 05 | 03.2 | 01.6 | 319 | 10 | 03.7 | 01.4 | 261 | 10 | 04.7 | 02.9 | 287 | 02 | 02.0 | 01.5 | 330 | 07 | 06.4 | 02.8 | 338 |
| 4.5 ,, | 04 | 09.0 | 07.7 | 296 | | | | | 05 | 03.4 | 01.8 | 154 | 05 | 03.4 | 00.9 | 219 | | | | | 04 | 09.5 | 07.2 | 356 |
| 5.4 ,, | 01 | 09.0 | 09.0 | 290 | | | | | 04 | 03.5 | 01.9 | 144 | 02 | 03.5 | 03.3 | 168 | | | | | 03 | 07.0 | 06.0 | 020 |
| 6.0 ,, | 01 | 14.0 | 14.0 | 305 | | | | | 02 | 08.5 | 04.3 | 101 | 01 | 05.0 | 05.0 | 132 | | | | | 03 | 05.7 | 04.2 | 034 |
| 7.2 ,, | | | | | | | | | 01 | 06.0 | 06.0 | 115 | 01 | 06.0 | 06.0 | 107 | | | | | 03 | 05.3 | 04.2 | 062 |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | 02 | 08.5 | 07.8 | 083 |

**1130 hrs. data of Begumpet given at the end of this Table.**

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | BHUJ/RUDRAMATA | | | | | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 06.7 | 06.3 | 226 | 31 | 04.3 | 04.1 | 232 | 31 | 01.7 | 01.6 | 234 | 31 | 02.2 | 01.9 | 235 | 31 | 01.8 | 01.6 | 209 | 31 | 03.8 | 03.5 | 267 |
| .15 A.G.L. | 31 | 10.7 | 10.5 | 243 | 31 | 08.2 | 08.1 | 245 | 31 | 08.5 | 08.2 | 242 | 30 | 06.2 | 05.3 | 229 | 29 | 08.6 | 08.2 | 215 | 31 | 07.2 | 06.5 | 251 |
| .3A.M.S.L. | 31 | 10.5 | 10.4 | 242 | 31 | 08.1 | 08.0 | 245 | 31 | 06.5 | 04.7 | 238 | 30 | 05.6 | 04.6 | 230 | 29 | 06.5 | 06.0 | 216 | 31 | 07.7 | 07.0 | 253 |
| .6 ,, | 31 | 09.7 | 09.5 | 245 | 31 | 09.0 | 08.8 | 247 | 31 | 10.4 | 09.9 | 254 | 30 | 06.6 | 05.5 | 233 | 29 | 09.3 | 08.4 | 228 | 31 | 07.8 | 07.3 | 256 |
| .9 ,, | 30 | 09.6 | 09.4 | 246 | 29 | 09.5 | 09.3 | 244 | 31 | 10.0 | 08.8 | 265 | 29 | 06.0 | 05.3 | 238 | 29 | 08.6 | 07.8 | 236 | 31 | 08.4 | 08.0 | 259 |
| 1.5 ,, | 26 | 07.2 | 06.3 | 253 | 19 | 07.1 | 06.0 | 230 | 29 | 06.2 | 04.0 | 274 | 29 | 05.8 | 03.9 | 249 | 27 | 06.1 | 04.6 | 260 | 31 | 07.6 | 07.2 | 256 |
| 2.1 ,, | 14 | 04.9 | 02.2 | 247 | 15 | 04.7 | 00.8 | 195 | 29 | 05.3 | 02.1 | 303 | 28 | 04.5 | 03.3 | 291 | 25 | 05.1 | 03.0 | 299 | 31 | 06.1 | 05.7 | 259 |
| 3.0 ,, | 10 | 04.9 | 00.9 | 244 | 11 | 05.0 | 01.8 | 052 | 24 | 05.4 | 03.7 | 003 | 22 | 05.0 | 04.1 | 339 | 22 | 05.9 | 04.4 | 350 | 31 | 05.9 | 05.0 | 277 |
| 3.6 ,, | 06 | 05.2 | 01.2 | 287 | 05 | 04.6 | 02.2 | 153 | 22 | 05.5 | 04.7 | 016 | 21 | 06.5 | 05.2 | 354 | 04 | 07.0 | 05.4 | 359 | 31 | 06.4 | 05.0 | 289 |
| 4.5 ,, | 05 | 05.2 | 01.2 | 008 | 02 | 03.0 | 01.2 | 162 | 21 | 07.0 | 05.5 | 008 | 19 | 07.5 | 05.3 | 013 | | | | | 31 | 05.9 | 04.5 | 296 |
| 5.4 ,, | 03 | 05.3 | 01.6 | 288 | | | | | 21 | 05.1 | 02.6 | 360 | 16 | 05.9 | 04.0 | 305 | | | | | 31 | 04.8 | 03.5 | 341 |
| 6.0 ,, | 03 | 04.0 | 02.6 | 260 | | | | | 17 | 06.1 | 02.4 | 270 | 14 | 07.9 | 06.5 | 290 | | | | | 31 | 04.4 | 02.0 | 036 |
| 7.2 ,, | 03 | 03.3 | 00.5 | 127 | | | | | 09 | 05.8 | 03.7 | 260 | 05 | 06.4 | 05.8 | 291 | | | | | 31 | 04.4 | 02.1 | 034 |
| 9.0 ,, | 01 | 11.0 | 11.0 | 081 | | | | | | | | | | | | | | | | | 31 | 07.5 | 06.9 | 091 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.8 | 03.3 | 249 | 31 | 05.2 | 04.8 | 276 | 31 | 03.0 | 02.5 | 242 | 31 | 01.0 | 00.9 | 181 | 31 | 02.3 | 01.8 | 183 | 31 | 01.8 | 01.6 | 181 |
| .15 A.G.L. | 31 | 06.6 | 06.1 | 250 | 31 | 07.2 | 06.5 | 260 | 31 | 06.1 | 05.5 | 244 | 31 | 05.4 | 04.6 | 205 | 31 | 05.1 | 04.0 | 193 | 31 | 05.5 | 04.8 | 190 |
| .3A.M.S.L. | 31 | 07.6 | 07.1 | 251 | 31 | 07.4 | 07.0 | 263 | 31 | 06.7 | 06.3 | 250 | 31 | 06.2 | 05.3 | 214 | 31 | 05.3 | 04.1 | 201 | 31 | 05.8 | 05.1 | 194 |
| .6 ,, | 30 | 08.7 | 08.1 | 257 | 31 | 07.5 | 07.1 | 266 | 31 | 07.5 | 07.1 | 258 | 31 | 06.7 | 05.3 | 220 | 31 | 05.4 | 03.8 | 208 | 31 | 06.1 | 05.4 | 200 |
| .9 ,, | 21 | 08.9 | 08.1 | 259 | 31 | 07.9 | 07.5 | 266 | 21 | 07.2 | 06.8 | 265 | 31 | 06.3 | 05.1 | 227 | 28 | 05.4 | 03.2 | 215 | 31 | 05.7 | 04.4 | 208 |
| 1.5 ,, | 10 | 07.8 | 07.3 | 252 | 31 | 07.4 | 07.1 | 262 | 13 | 07.0 | 05.7 | 262 | 31 | 05.1 | 03.5 | 232 | 18 | 04.7 | 02.7 | 204 | 31 | 05.6 | 03.8 | 214 |
| 2.1 ,, | 03 | 09.7 | 08.9 | 250 | 31 | 06.7 | 06.4 | 258 | 08 | 06.0 | 05.1 | 272 | 31 | 05.0 | 03.3 | 237 | 09 | 04.5 | 01.9 | 204 | 31 | 04.8 | 02.8 | 220 |
| 3.0 ,, | | | | | 31 | 06.8 | 06.1 | 280 | 04 | 03.0 | 02.3 | 298 | 31 | 04.5 | 02.7 | 225 | 05 | 04.0 | 02.0 | 256 | 31 | 04.7 | 01.8 | 236 |
| 3.6 ,, | | | | | 31 | 06.9 | 06.3 | 285 | 03 | 03.7 | 02.5 | 308 | 31 | 04.3 | 02.2 | 222 | 03 | 05.0 | 02.8 | 245 | 31 | 04.9 | 01.4 | 215 |
| 4.5 ,, | | | | | 31 | 06.3 | 05.1 | 288 | 02 | 02.0 | 01.6 | 225 | 31 | 04.3 | 02.1 | 211 | 01 | 06.0 | 06.0 | 218 | 31 | 05.1 | 01.2 | 160 |
| 5.4 ,, | | | | | 31 | 05.3 | 03.8 | 301 | | | | | 31 | 04.5 | 02.2 | 190 | | | | | 31 | 04.6 | 00.8 | 129 |
| 6.0 ,, | | | | | 31 | 03.9 | 01.3 | 313 | | | | | 31 | 04.7 | 02.5 | 178 | | | | | 31 | 05.1 | 01.6 | 094 |
| 7.2 ,, | | | | | 31 | 04.4 | 02.3 | 082 | | | | | 31 | 05.7 | 03.7 | 123 | | | | | 31 | 05.2 | 02.2 | 069 |
| 9.0 ,, | | | | | 31 | 07.9 | 07.5 | 078 | | | | | 31 | 07.0 | 06.1 | 100 | | | | | 31 | 06.1 | 05.1 | 093 |

| STATION | CALCUTTA/DUM DUM | | | | COCHIN/WILLINGDON + | | | | | | | | | | | | DEHRA DUN | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.6 | 01.5 | 178 | 31 | 00.8 | 00.4 | 300 | 31 | 03.3 | 02.7 | 276 | 31 | 01.7 | 01.5 | 309 | 31 | 00.3 | 00.1 | 329 | 31 | 00.9 | 00.4 | 264 |
| .15 A.G.L. | 30 | 06.3 | 05.9 | 188 | 18 | 03.7 | 03.2 | 346 | 28 | 05.4 | 04.8 | 295 | 25 | 03.8 | 03.5 | 321 | 28 | 01.8 | 00.6 | 101 | 27 | 02.7 | 00.8 | 276 |
| .3A.M.S.L. | 30 | 07.6 | 07.1 | 197 | 18 | 05.2 | 04.7 | 330 | 28 | 06.5 | 06.0 | 302 | 25 | 05.6 | 05.2 | 316 | | | | | | | | |
| .6 ,, | 30 | 08.1 | 07.6 | 204 | 18 | 07.9 | 07.8 | 320 | 28 | 09.1 | 08.7 | 308 | 25 | 08.3 | 08.2 | 319 | | | | | | | | |
| .9 ,, | 27 | 07.2 | 06.7 | 212 | 18 | 08.9 | 08.9 | 318 | 28 | 09.6 | 09.3 | 310 | 25 | 09.4 | 09.1 | 317 | 28 | 01.9 | 00.6 | 150 | 27 | 03.1 | 01.5 | 278 |
| 1.5 ,, | 25 | 05.7 | 04.6 | 224 | 17 | 09.5 | 09.4 | 313 | 27 | 09.4 | 09.2 | 311 | 24 | 09.9 | 09.7 | 311 | 27 | 02.5 | 00.5 | 204 | 26 | 04.4 | 02.6 | 275 |
| 2.1 ,, | 20 | 04.3 | 02.2 | 211 | 17 | 09.7 | 09.4 | 313 | 27 | 08.3 | 08.0 | 312 | 18 | 08.5 | 08.3 | 303 | 16 | 03.9 | 01.4 | 282 | 19 | 03.5 | 00.7 | 281 |
| 3.0 ,, | 14 | 04.4 | 02.2 | 196 | 02 | 05.5 | 02.5 | 267 | 21 | 08.7 | 08.4 | 308 | 07 | 06.7 | 06.5 | 313 | 08 | 05.1 | 01.6 | 279 | 10 | 03.7 | 00.8 | 052 |
| 3.6 ,, | 04 | 05.3 | 02.7 | 202 | 02 | 04.0 | 02.0 | 266 | 05 | 05.8 | 05.6 | 302 | | | | | 03 | 07.0 | 04.5 | 297 | 08 | 03.3 | 01.5 | 125 |
| 4.5 ,, | 01 | 04.0 | 04.0 | 120 | 01 | 01.0 | 01.0 | 025 | | | | | | | | | 01 | 03.0 | 03.0 | 320 | 02 | 03.0 | 00.2 | 335 |
| 5.4 ,, | | | | | | | | | | | | | | | | | 01 | 01.0 | 01.0 | 030 | 01 | 04.0 | 04.0 | 023 |
| 6.0 ,, | | | | | | | | | | | | | | | | | 01 | 01.0 | 01.0 | 060 | 01 | 04.0 | 04.0 | 356 |
| 7.2 ,, | | | | | | | | | | | | | | | | | 01 | 03.0 | 03.0 | 112 | 01 | 03.0 | 03.0 | 294 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 01 | 03.0 | 03.0 | 140 | | | | |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | | | | | GADAG | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.6 | 057 | 31 | 00.9 | 00.7 | 053 | 31 | 01.1 | 00.8 | 052 | 31 | 01.0 | 00.9 | 042 | 31 | 04.3 | 03.9 | 250 | 31 | 05.6 | 05.3 | 270 |
| .15 A.G.L. | 12 | 02.9 | 02.2 | 087 | 26 | 02.1 | 00.8 | 038 | 31 | 03.4 | 02.3 | 072 | 26 | 03.5 | 02.4 | 050 | 29 | 08.7 | 08.5 | 260 | 30 | 10.2 | 09.6 | 265 |
| .3A.M.S.L. | 12 | 02.7 | 01.8 | 089 | 26 | 02.2 | 00.8 | 038 | 31 | 03.4 | 02.4 | 074 | 26 | 03.6 | 02.2 | 066 | | | | | | | | |
| .6 ,, | 12 | 02.7 | 00.7 | 210 | 26 | 02.5 | 00.8 | 209 | 31 | 03.2 | 01.5 | 118 | 26 | 03.0 | 02.0 | 088 | | | | | | | | |
| .9 ,, | 12 | 04.5 | 02.7 | 219 | 23 | 04.0 | 02.6 | 218 | 31 | 03.3 | 01.9 | 208 | 26 | 02.5 | 01.4 | 138 | 29 | 10.5 | 10.1 | 275 | 30 | 10.3 | 10.0 | 271 |
| 1.5 ,, | 11 | 04.9 | 03.9 | 216 | 18 | 04.8 | 03.9 | 217 | 27 | 05.4 | 04.3 | 230 | 24 | 03.6 | 02.4 | 221 | 24 | 10.6 | 10.1 | 282 | 29 | 10.1 | 09.9 | 279 |
| 2.1 ,, | 10 | 04.8 | 03.3 | 226 | 13 | 05.5 | 04.8 | 217 | 24 | 05.6 | 05.4 | 226 | 20 | 04.7 | 03.7 | 228 | 21 | 06.2 | 05.5 | 272 | 24 | 07.6 | 07.3 | 287 |
| 3.0 ,, | 02 | 01.5 | 01.5 | 066 | 05 | 04.6 | 03.6 | 176 | 22 | 05.1 | 04.5 | 222 | 12 | 04.7 | 03.7 | 215 | 19 | 04.7 | 03.3 | 263 | 14 | 05.5 | 05.0 | 293 |
| 3.6 ,, | 02 | 03.5 | 01.0 | 149 | 02 | 05.5 | 02.8 | 130 | 18 | 04.8 | 03.7 | 232 | 10 | 05.9 | 03.7 | 204 | 18 | 04.9 | 03.5 | 274 | 10 | 04.7 | 03.9 | 290 |
| 4.5 ,, | 02 | 04.0 | 02.7 | 165 | 01 | 07.0 | 07.0 | 060 | 16 | 04.0 | 02.5 | 248 | 02 | 04.0 | 03.9 | 147 | 16 | 04.6 | 03.2 | 304 | 03 | 02.3 | 00.9 | 345 |
| 5.4 ,, | 02 | 05.5 | 03.2 | 141 | 01 | 09.0 | 09.0 | 066 | 13 | 04.8 | 01.9 | 213 | | | | | 12 | 03.6 | 02.0 | 011 | 03 | 03.3 | 03.1 | 089 |
| 6.0 ,, | 02 | 07.0 | 02.5 | 147 | 01 | 08.0 | 08.0 | 051 | 10 | 05.5 | 01.7 | 108 | | | | | 11 | 03.2 | 01.6 | 042 | 01 | 01.0 | 01.0 | 178 |
| 7.2 ,, | 01 | 15.0 | 15.0 | 109 | | | | | 07 | 05.3 | 04.2 | 096 | | | | | 10 | 05.7 | 04.4 | 077 | 01 | 05.0 | 05.0 | 139 |
| 9.0 ,, | 01 | 16.0 | 16.0 | 094 | | | | | 05 | 09.2 | 08.5 | 068 | | | | | 07 | 10.7 | 10.4 | 079 | 01 | 11.0 | 11.0 | 116 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | GADAG | | | | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.7 | 04.4 | 257 | 31 | 00.1 | 00.1 | 360 | 31 | 00.7 | 00.6 | 162 | 31 | 00.2 | 00.1 | 248 | 31 | 01.5 | 00.9 | 350 | 31 | 00.4 | 00.2 | 144 |
| .15 A.G.L. | 29 | 10.4 | 10.2 | 259 | 05 | 01.6 | 01.6 | 360 | 03 | 03.0 | 03.0 | 181 | 29 | 02.1 | 00.2 | 219 | 28 | 02.6 | 02.2 | 350 | 29 | 02.3 | 00.8 | 284 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 02.3 | 00.3 | 254 | 28 | 02.0 | 01.1 | 358 | 29 | 02.4 | 01.0 | 276 |
| .6 ,, | | | | | | | | | | | | | 29 | 03.0 | 01.1 | 267 | 28 | 02.5 | 00.6 | 325 | 29 | 02.6 | 01.9 | 282 |
| .9 ,, | 29 | 11.7 | 11.4 | 270 | | | | | | | | | 29 | 03.8 | 02.4 | 264 | 25 | 03.0 | 01.4 | 235 | 29 | 03.1 | 02.4 | 272 |
| 1.5 ,, | 26 | 10.7 | 10.4 | 282 | | | | | | | | | 29 | 04.8 | 03.9 | 240 | 22 | 04.6 | 01.9 | 222 | 28 | 04.0 | 03.4 | 256 |
| 2.1 ,, | 25 | 05.9 | 04.9 | 283 | 05 | 01.2 | 01.1 | 352 | 03 | 02.7 | 02.6 | 177 | 27 | 05.2 | 04.1 | 240 | 19 | 05.0 | 03.6 | 214 | 27 | 04.2 | 03.2 | 243 |
| 3.0 ,, | 21 | 04.6 | 03.9 | 295 | 04 | 00.7 | 00.5 | 183 | 02 | 01.0 | 00.3 | 236 | 25 | 05.0 | 03.2 | 222 | 16 | 03.6 | 01.8 | 219 | 26 | 04.1 | 02.7 | 216 |
| 3.6 ,, | 17 | 04.6 | 03.5 | 283 | 04 | 01.5 | 00.6 | 119 | 02 | 01.0 | 00.8 | 248 | 25 | 04.2 | 02.2 | 236 | 12 | 03.5 | 00.9 | 207 | 24 | 04.5 | 02.8 | 220 |
| 4.5 ,, | 11 | 03.8 | 02.9 | 311 | 04 | 04.0 | 01.6 | 100 | 01 | 01.0 | 01.0 | 056 | 23 | 03.8 | 01.6 | 212 | 06 | 02.7 | 00.9 | 142 | 22 | 03.9 | 01.3 | 196 |
| 5.4 ,, | 05 | 03.6 | 01.1 | 137 | 04 | 05.0 | 04.7 | 102 | 01 | 02.0 | 02.0 | 109 | 22 | 04.0 | 01.2 | 144 | 05 | 03.4 | 02.9 | 094 | 21 | 03.0 | 00.8 | 154 |
| 6.0 ,, | 03 | 05.7 | 03.9 | 059 | 04 | 04.7 | 03.9 | 100 | 01 | 04.0 | 04.0 | 097 | 22 | 04.0 | 01.3 | 156 | 05 | 03.6 | 03.5 | 077 | 21 | 03.3 | 00.9 | 104 |
| 7.2 ,, | 02 | 08.0 | 08.0 | 094 | 03 | 05.3 | 04.9 | 117 | | | | | 20 | 04.2 | 02.6 | 105 | 02 | 06.5 | 04.5 | 055 | 21 | 03.3 | 01.8 | 085 |
| 9.0 ,, | 02 | 12.0 | 11.4 | 101 | 02 | 04.5 | 04.2 | 115 | | | | | 21 | 05.1 | 04.0 | 099 | | | | | 21 | 05.0 | 03.5 | 078 |

| STATION | GAUHATI | | | | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.4 | 00.5 | 229 | 31 | 01.7 | 00.7 | 174 | 31 | 02.5 | 00.7 | 198 | 31 | 02.0 | 01.1 | 167 | 31 | 02.5 | 01.8 | 273 | 31 | 05.5 | 04.7 | 295 |
| .15 A.G.L. | 31 | 02.3 | 00.8 | 225 | 28 | 05.1 | 02.3 | 207 | 28 | 04.4 | 00.3 | 170 | 29 | 04.4 | 02.3 | 185 | | | | | | | | |
| .3A.M.S.L. | 31 | 02.5 | 01.2 | 260 | 28 | 05.3 | 02.2 | 207 | 28 | 04.4 | 00.5 | 216 | 29 | 04.3 | 02.0 | 185 | 28 | 06.0 | 04.8 | 280 | 30 | 06.4 | 05.8 | 288 |
| .6 ,, | 31 | 02.9 | 01.9 | 270 | 28 | 05.5 | 02.9 | 245 | 28 | 04.6 | 00.9 | 240 | 29 | 03.4 | 01.6 | 214 | 27 | 08.1 | 07.5 | 281 | 30 | 08.6 | 08.1 | 290 |
| .9 ,, | 31 | 03.7 | 02.6 | 250 | 28 | 05.7 | 03.2 | 259 | 28 | 05.2 | 01.5 | 226 | 29 | 04.5 | 02.3 | 239 | 23 | 09.0 | 08.5 | 286 | 28 | 09.7 | 09.3 | 291 |
| 1.5 ,, | 27 | 05.3 | 04.3 | 239 | 21 | 05.8 | 01.7 | 251 | 25 | 05.1 | 02.6 | 204 | 28 | 05.0 | 02.3 | 242 | 08 | 09.4 | 09.0 | 291 | 13 | 09.2 | 08.8 | 297 |
| 2.1 ,, | 23 | 05.5 | 04.2 | 233 | 18 | 05.2 | 01.3 | 252 | 22 | 04.5 | 02.7 | 203 | 22 | 04.3 | 01.5 | 228 | 03 | 07.3 | 07.2 | 299 | 03 | 08.7 | 08.4 | 292 |
| 3.0 ,, | 15 | 05.5 | 03.0 | 222 | 15 | 05.3 | 01.6 | 162 | 18 | 04.9 | 01.9 | 224 | 17 | 03.0 | 00.7 | 195 | | | | | 02 | 03.5 | 03.1 | 326 |
| 3.6 ,, | 04 | 05.5 | 01.3 | 235 | 12 | 04.6 | 01.9 | 172 | 13 | 03.9 | 01.7 | 208 | 02 | 01.0 | 00.8 | 290 | | | | | | | | |
| 4.5 ,, | | | | | 08 | 04.5 | 03.5 | 160 | 05 | 02.4 | 01.2 | 334 | | | | | | | | | | | | |
| 5.4 ,, | | | | | 07 | 04.3 | 03.6 | 130 | 02 | 03.0 | 02.9 | 004 | | | | | | | | | | | | |
| 6.0 ,, | | | | | 06 | 04.2 | 03.0 | 120 | 02 | 04.0 | 03.3 | 005 | | | | | | | | | | | | |
| 7.2 ,, | | | | | 04 | 04.5 | 03.7 | 079 | 01 | 04.0 | 04.0 | 027 | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

| STATION | GOA/DABOLIM | | | | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.8 | 02.2 | 289 | 31 | 01.9 | 01.6 | 229 | 31 | 04.2 | 03.9 | 205 | 31 | 03.0 | 02.6 | 228 | 31 | 01.4 | 00.7 | 104 | 31 | 01.4 | 00.5 | 127 |
| .15 A.G.L. | | | | | 31 | 04.8 | 03.8 | 230 | 29 | 07.5 | 07.0 | 201 | 27 | 07.2 | 06.5 | 227 | 20 | 05.9 | 03.1 | 091 | 25 | 04.5 | 00.7 | 155 |
| .3A.M.S.L. | 26 | 06.0 | 05.0 | 285 | 31 | 05.5 | 04.8 | 236 | 29 | 06.9 | 06.2 | 208 | 27 | 07.0 | 06.4 | 231 | 20 | 06.9 | 02.4 | 109 | 25 | 05.2 | 01.0 | 177 |
| .6 ,, | 26 | 08.6 | 08.0 | 287 | 31 | 05.2 | 04.3 | 249 | 28 | 04.8 | 03.9 | 220 | 27 | 06.1 | 05.3 | 241 | 20 | 07.9 | 00.9 | 150 | 25 | 06.9 | 01.2 | 171 |
| .9 ,, | 24 | 09.1 | 08.6 | 291 | 31 | 05.5 | 04.5 | 265 | 28 | 04.6 | 03.0 | 250 | 27 | 05.9 | 05.0 | 257 | 20 | 08.3 | 00.7 | 204 | 24 | 07.0 | 01.3 | 187 |
| 1.5 ,, | 12 | 07.7 | 07.6 | 284 | 29 | 06.3 | 05.2 | 277 | 27 | 05.4 | 04.1 | 282 | 27 | 05.8 | 04.7 | 277 | 19 | 08.6 | 00.7 | 227 | 23 | 07.4 | 01.1 | 215 |
| 2.1 ,, | 07 | 07.3 | 06.6 | 276 | 23 | 05.6 | 04.8 | 274 | 27 | 05.7 | 04.3 | 276 | 19 | 05.9 | 05.0 | 273 | 13 | 09.2 | 06.0 | 264 | 22 | 06.9 | 00.7 | 229 |
| 3.0 ,, | 02 | 08.0 | 06.7 | 263 | 17 | 05.6 | 05.2 | 260 | 24 | 04.7 | 03.2 | 273 | 12 | 04.5 | 03.3 | 252 | 10 | 05.9 | 01.3 | 178 | 19 | 06.7 | 02.0 | 135 |
| 3.6 ,, | | | | | 12 | 04.3 | 03.4 | 260 | 18 | 04.9 | 02.1 | 248 | 05 | 03.6 | 02.7 | 245 | 10 | 06.9 | 01.7 | 215 | 15 | 06.3 | 03.3 | 125 |
| 4.5 ,, | | | | | 07 | 02.8 | 00.9 | 168 | 11 | 04.5 | 02.5 | 256 | | | | | 04 | 07.7 | 06.9 | 116 | 11 | 06.5 | 03.1 | 108 |
| 5.4 ,, | | | | | 04 | 04.7 | 03.9 | 102 | 09 | 03.5 | 01.0 | 200 | | | | | | | | | 07 | 04.3 | 00.6 | 080 |
| 6.0 ,, | | | | | 03 | 03.7 | 02.8 | 129 | 08 | 03.6 | 01.4 | 110 | | | | | | | | | 04 | 06.7 | 03.2 | 118 |
| 7.2 ,, | | | | | | | | | 02 | 03.0 | 02.3 | 118 | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

| STATION | GWALIOR | | | | | | | | | | | | | | | | IMPHAL/TULIHAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.5 | 248 | 31 | 02.5 | 01.8 | 285 | 31 | 01.9 | 01.2 | 276 | 31 | 01.2 | 01.0 | 219 | 31 | 00.2 | 00.1 | 090 | 31 | 01.3 | 00.7 | 246 |
| .15 A.G.L. | 29 | 06.3 | 05.3 | 272 | 29 | 05.3 | 04.5 | 282 | 29 | 04.4 | 03.4 | 282 | 30 | 05.3 | 03.9 | 254 | 28 | 01.9 | 00.2 | 047 | 31 | 02.1 | 01.2 | 220 |
| .3A.M.S.L. | 29 | 05.1 | 04.2 | 262 | 29 | 04.9 | 04.2 | 281 | 29 | 04.0 | 02.9 | 281 | 30 | 04.7 | 03.6 | 247 | | | | | | | | |
| .6 ,, | 29 | 08.5 | 07.0 | 283 | 28 | 05.7 | 04.6 | 297 | 29 | 05.3 | 04.4 | 279 | 30 | 06.1 | 05.2 | 273 | | | | | | | | |
| .9 ,, | 23 | 08.7 | 07.8 | 295 | 24 | 06.3 | 05.5 | 293 | 28 | 05.5 | 04.9 | 282 | 29 | 06.5 | 05.6 | 285 | 28 | 01.7 | 00.3 | 034 | 31 | 02.3 | 01.3 | 221 |
| 1.5 ,, | 21 | 06.9 | 05.5 | 308 | 20 | 03.6 | 04.4 | 300 | 26 | 06.2 | 05.4 | 292 | 25 | 05.8 | 04.8 | 296 | 28 | 03.4 | 02.3 | 250 | 31 | 03.1 | 02.9 | 233 |
| 2.1 ,, | 15 | 04.3 | 02.9 | 230 | 16 | 04.0 | 02.3 | 305 | 21 | 05.7 | 04.6 | 299 | 21 | 04.5 | 03.6 | 321 | 26 | 06.1 | 04.8 | 257 | 29 | 05.1 | 03.4 | 234 |
| 3.0 ,, | 11 | 03.7 | 01.7 | 278 | 10 | 04.1 | 02.3 | 288 | 14 | 05.9 | 04.4 | 311 | 13 | 03.7 | 01.8 | 331 | 16 | 05.1 | 03.0 | 239 | 18 | 04.3 | 02.1 | 233 |
| 3.6 ,, | 10 | 04.3 | 00.8 | 256 | 10 | 04.8 | 02.7 | 312 | 10 | 06.5 | 03.9 | 303 | 03 | 02.0 | 01.8 | 138 | 10 | 04.8 | 02.3 | 220 | 09 | 05.9 | 02.0 | 239 |
| 4.5 ,, | 06 | 04.0 | 00.5 | 150 | 07 | 03.9 | 02.2 | 284 | 06 | 05.2 | 01.8 | 007 | 02 | 02.0 | 01.7 | 125 | 06 | 03.8 | 01.7 | 256 | 03 | 04.3 | 03.3 | 277 |
| 5.4 ,, | 04 | 06.0 | 01.4 | 278 | 06 | 05.2 | 03.4 | 269 | 05 | 03.8 | 03.3 | 274 | | | | | 01 | 07.0 | 07.0 | 263 | | | | |
| 6.0 ,, | 04 | 06.5 | 01.1 | 236 | 05 | 05.0 | 03.2 | 253 | 02 | 01.5 | 01.3 | 217 | | | | | | | | | | | | |
| 7.2 ,, | 01 | 06.0 | 06.0 | 030 | 03 | 05.0 | 03.7 | 292 | 02 | 05.0 | 04.9 | 040 | | | | | | | | | | | | |
| 9.0 ,, | 01 | 08.0 | 08.0 | 020 | 01 | 05.0 | 05.0 | 010 | 02 | 07.5 | 07.5 | 057 | | | | | | | | | | | | |

# TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

## WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

### AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | IMPHAL/TULIHAL | | | | | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.3 | 00.7 | 261 | 31 | 00.9 | 00.5 | 270 | 31 | 01.3 | 01.2 | 254 | 31 | 01.7 | 01.5 | 271 | 31 | 01.1 | 00.9 | 261 | 31 | 00.6 | 00.5 | 220 |
| .15 A.G.L. | 31 | 04.2 | 01.9 | 255 | 29 | 02.8 | 00.6 | 250 | 22 | 06.3 | 06.0 | 257 | 28 | 06.1 | 05.4 | 273 | 26 | 05.7 | 05.4 | 259 | 27 | 04.5 | 04.0 | 239 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | | | | | 22 | 07.2 | 07.1 | 265 | 28 | 07.0 | 06.0 | 274 | 26 | 06.5 | 06.3 | 260 | 27 | 02.4 | 02.2 | 233 |
| .9 ,, | 31 | 04.0 | 01.8 | 254 | 29 | 02.8 | 00.6 | 254 | 20 | 08.7 | 08.4 | 284 | 26 | 07.5 | 06.1 | 277 | 25 | 07.9 | 07.4 | 275 | 27 | 05.9 | 05.2 | 263 |
| 1.5 ,, | 31 | 03.5 | 02.5 | 209 | 29 | 03.5 | 02.3 | 235 | 17 | 08.1 | 07.5 | 295 | 20 | 07.1 | 05.9 | 293 | 22 | 07.9 | 06.8 | 292 | 24 | 07.7 | 07.2 | 291 |
| 2.1 ,, | 27 | 04.3 | 03.4 | 235 | 27 | 04.4 | 03.4 | 239 | 12 | 06.5 | 05.7 | 291 | 16 | 05.8 | 04.7 | 301 | 19 | 05.9 | 04.4 | 291 | 18 | 06.8 | 06.2 | 296 |
| 3.0 ,, | 19 | 04.3 | 02.8 | 248 | 14 | 04.9 | 03.1 | 237 | 06 | 03.0 | 02.4 | 295 | 13 | 06.6 | 05.8 | 294 | 10 | 03.6 | 02.2 | 315 | 13 | 06.3 | 05.5 | 288 |
| 3.6 ,, | 14 | 04.3 | 02.7 | 262 | 07 | 05.0 | 02.8 | 213 | 03 | 03.3 | 03.2 | 300 | 08 | 06.7 | 05.8 | 299 | 04 | 03.7 | 01.6 | 272 | 10 | 05.3 | 03.9 | 295 |
| 4.5 ,, | 08 | 03.6 | 01.4 | 290 | 03 | 03.7 | 01.0 | 138 | 02 | 03.5 | 02.8 | 155 | 04 | 03.2 | 02.4 | 288 | 01 | 03.0 | 03.0 | 046 | 07 | 04.5 | 02.7 | 300 |
| 5.4 ,, | 05 | 04.0 | 02.0 | 191 | | | | | 01 | 04.0 | 04.0 | 166 | 03 | 02.0 | 01.3 | 088 | | | | | 04 | 03.7 | 02.1 | 309 |
| 6.0 ,, | 04 | 04.0 | 02.1 | 132 | | | | | 01 | 06.0 | 06.0 | 099 | 02 | 03.5 | 03.5 | 092 | | | | | 04 | 03.7 | 01.9 | 337 |
| 7.2 ,, | 02 | 08.0 | 03.3 | 099 | | | | | 01 | 08.0 | 08.0 | 096 | 01 | 07.0 | 07.0 | 090 | | | | | 02 | 04.0 | 03.7 | 087 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 10.0 | 10.0 | 090 | | | | | 02 | 07.5 | 07.5 | 089 |

| STATION | JAGDALPUR | | | | | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.4 | 01.2 | 239 | 31 | 00.6 | 00.5 | 217 | 31 | 00.9 | 00.8 | 293 | 31 | 02.0 | 01.6 | 280 | 31 | 01.0 | 00.9 | 275 | 31 | 00.4 | 00.2 | 204 |
| .15 A.G.L. | 24 | 04.8 | 03.9 | 251 | 25 | 04.3 | 03.8 | 240 | 30 | 06.5 | 06.1 | 282 | 26 | 06.0 | 05.3 | 262 | 30 | 07.9 | 07.4 | 268 | 26 | 03.3 | 02.9 | 237 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | 26 | 03.5 | 03.2 | 237 |
| .6 ,, | 24 | 03.5 | 02.9 | 252 | 25 | 03.0 | 02.6 | 226 | 30 | 07.6 | 07.1 | 283 | 26 | 06.3 | 05.6 | 263 | 30 | 08.9 | 08.5 | 266 | 26 | 05.4 | 04.5 | 253 |
| .9 ,, | 24 | 05.2 | 04.4 | 257 | 25 | 05.2 | 04.7 | 256 | 30 | 01.0 | 09.6 | 289 | 26 | 07.1 | 06.4 | 278 | 30 | 09.1 | 08.6 | 274 | 24 | 06.3 | 05.1 | 265 |
| 1.5 ,, | 22 | 06.4 | 05.4 | 285 | 24 | 07.3 | 06.2 | 281 | 28 | 06.7 | 06.1 | 302 | 25 | 07.0 | 06.1 | 292 | 28 | 06.8 | 05.7 | 287 | 18 | 05.8 | 04.2 | 273 |
| 2.1 ,, | 17 | 07.4 | 06.1 | 291 | 21 | 07.0 | 06.5 | 285 | 22 | 04.5 | 03.2 | 320 | 23 | 05.6 | 04.7 | 309 | 27 | 04.8 | 03.6 | 334 | 15 | 04.9 | 03.6 | 270 |
| 3.0 ,, | 10 | 05.9 | 05.0 | 306 | 15 | 04.8 | 03.9 | 295 | 16 | 06.7 | 04.8 | 344 | 18 | 06.3 | 05.1 | 334 | 16 | 05.7 | 04.8 | 009 | 08 | 04.2 | 01.5 | 240 |
| 3.6 ,, | 08 | 06.3 | 04.7 | 287 | 08 | 04.7 | 02.5 | 275 | 15 | 05.4 | 03.3 | 359 | 16 | 07.0 | 04.9 | 348 | 12 | 05.7 | 04.5 | 019 | 07 | 04.1 | 02.4 | 205 |
| 4.5 ,, | 05 | 04.6 | 03.2 | 316 | 06 | 03.2 | 01.1 | 265 | 12 | 04.0 | 01.5 | 035 | 13 | 05.7 | 03.9 | 320 | | | | | 04 | 02.3 | 01.6 | 182 |
| 5.4 ,, | 04 | 02.5 | 00.8 | 300 | 03 | 03.3 | 01.3 | 190 | 10 | 04.7 | 02.2 | 249 | 09 | 06.7 | 04.0 | 301 | | | | | 02 | 03.0 | 02.9 | 115 |
| 6.0 ,, | 04 | 02.5 | 00.4 | 111 | 01 | 04.0 | 04.0 | 236 | 10 | 04.9 | 03.1 | 244 | 07 | 04.7 | 03.9 | 284 | | | | | 01 | 03.0 | 03.0 | 094 |
| 7.2 ,, | 03 | 04.0 | 03.1 | 072 | | | | | 06 | 05.2 | 03.2 | 020 | 03 | 05.0 | 02.8 | 290 | | | | | 01 | 09.0 | 09.0 | 075 |
| 9.0 ,, | 03 | 08.0 | 07.7 | 094 | | | | | 02 | 05.0 | 04.0 | 086 | | | | | | | | | 01 | 07.0 | 07.0 | 100 |

| STATION | JAMSHEDPUR | | | | JHARSUGUDA | | | | | | | | | | | | JODHPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.4 | 00.3 | 166 | 31 | 01.8 | 01.3 | 216 | 31 | 02.7 | 02.3 | 232 | 31 | 01.7 | 01.3 | 208 | 31 | 06.1 | 05.6 | 238 | 31 | 03.7 | 03.4 | 230 |
| .15 A.G.L. | 27 | 03.7 | 01.9 | 187 | 23 | 04.4 | 03.8 | 237 | 28 | 04.9 | 04.1 | 235 | 26 | 04.7 | 04.1 | 231 | 31 | 08.8 | 08.4 | 247 | 29 | 07.2 | 07.0 | 233 |
| .3A.M.S.L. | 27 | 03.7 | 02.0 | 189 | 23 | 03.7 | 03.3 | 231 | 28 | 04.6 | 04.1 | 232 | 26 | 03.4 | 02.9 | 217 | 31 | 06.5 | 06.0 | 240 | 29 | 06.8 | 06.4 | 237 |
| .6 ,, | 27 | 04.0 | 02.1 | 214 | 23 | 05.8 | 05.1 | 268 | 28 | 04.9 | 03.9 | 250 | 26 | 05.7 | 04.8 | 251 | 31 | 09.7 | 09.3 | 247 | 28 | 07.8 | 07.7 | 233 |
| .9 ,, | 26 | 04.7 | 02.5 | 231 | 21 | 06.0 | 05.8 | 278 | 28 | 05.6 | 04.6 | 258 | 25 | 05.6 | 04.5 | 260 | 31 | 10.9 | 10.2 | 243 | 26 | 07.5 | 07.3 | 236 |
| 1.5 ,, | 22 | 04.7 | 02.6 | 268 | 17 | 06.5 | 05.6 | 278 | 27 | 05.6 | 03.9 | 273 | 24 | 05.7 | 03.7 | 267 | 31 | 06.6 | 04.8 | 247 | 19 | 06.1 | 04.2 | 243 |
| 2.1 ,, | 14 | 04.2 | 02.0 | 264 | 15 | 06.2 | 04.8 | 280 | 23 | 05.6 | 03.2 | 285 | 22 | 04.8 | 02.1 | 272 | 31 | 04.5 | 01.1 | 016 | 13 | 04.8 | 01.2 | 101 |
| 3.0 ,, | 09 | 03.5 | 02.1 | 287 | 10 | 04.4 | 02.8 | 289 | 21 | 04.7 | 02.6 | 280 | 16 | 04.4 | 02.1 | 265 | 31 | 05.7 | 03.8 | 034 | 12 | 05.2 | 02.6 | 087 |
| 3.6 ,, | 06 | 03.0 | 00.5 | 239 | 08 | 03.6 | 02.1 | 263 | 19 | 04.4 | 01.6 | 270 | | | | | 31 | 06.2 | 04.5 | 036 | 09 | 05.7 | 02.2 | 063 |
| 4.5 ,, | | | | | 06 | 05.0 | 03.5 | 252 | 13 | 04.9 | 01.8 | 238 | | | | | 28 | 06.3 | 04.4 | 018 | 07 | 04.4 | 01.9 | 055 |
| 5.4 ,, | | | | | 05 | 05.4 | 03.5 | 272 | 12 | 04.4 | 01.0 | 257 | | | | | 22 | 05.5 | 01.0 | 309 | 07 | 04.1 | 01.1 | 196 |
| 6.0 ,, | | | | | 05 | 03.8 | 01.9 | 280 | 11 | 04.6 | 01.7 | 304 | | | | | 21 | 05.5 | 00.9 | 203 | 07 | 03.0 | 00.4 | 165 |
| 7.2 ,, | | | | | 03 | 05.0 | 05.0 | 094 | 08 | 03.9 | 02.8 | 092 | | | | | 17 | 03.7 | 00.4 | 158 | 04 | 03.3 | 01.3 | 112 |
| 9.0 ,, | | | | | 01 | 08.0 | 08.0 | 092 | 06 | 06.3 | 06.1 | 081 | | | | | 11 | 04.4 | 01.2 | 029 | 03 | 06.0 | 05.8 | 070 |

| STATION | JODHPUR | | | | | | | | LUCKNOW/AMAUSI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 * | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.9 | 04.6 | 230 | 31 | 03.6 | 03.6 | 225 | 16 | 01.6 | 00.7 | 258 | 17 | 03.7 | 01.1 | 260 | 16 | 02.1 | 01.3 | 249 | 31 | 01.7 | 00.6 | 207 |
| .15 A.G.L. | 31 | 06.9 | 06.8 | 230 | 27 | 10.3 | 09.9 | 222 | 16 | 06.3 | 02.8 | 260 | 17 | 04.0 | 01.1 | 256 | 16 | 05.6 | 02.4 | 269 | 27 | 06.1 | 02.7 | 217 |
| .3A.M.S.L. | 31 | 05.2 | 05.0 | 230 | 27 | 08.2 | 07.3 | 225 | 16 | 06.5 | 03.0 | 265 | 17 | 04.2 | 00.7 | 250 | 16 | 05.6 | 02.4 | 269 | 27 | 06.1 | 02.6 | 224 |
| .6 ,, | 31 | 07.1 | 07.0 | 230 | 27 | 10.9 | 10.7 | 230 | 16 | 06.0 | 03.3 | 275 | 17 | 05.1 | 01.7 | 287 | 16 | 04.9 | 02.8 | 268 | 27 | 07.0 | 02.5 | 224 |
| .9 ,, | 31 | 07.4 | 07.2 | 235 | 27 | 11.2 | 09.9 | 227 | 16 | 06.0 | 02.9 | 286 | 17 | 06.3 | 01.6 | 313 | 16 | 05.8 | 02.7 | 268 | 25 | 06.8 | 02.3 | 233 |
| 1.5 ,, | 31 | 06.8 | 05.9 | 250 | 25 | 06.7 | 04.0 | 260 | 16 | 06.4 | 02.1 | 318 | 12 | 06.8 | 04.9 | 293 | 16 | 06.0 | 03.1 | 282 | 22 | 06.5 | 02.4 | 268 |
| 2.1 ,, | 31 | 05.1 | 02.6 | 280 | 23 | 04.6 | 02.9 | 031 | 16 | 07.1 | 02.6 | 334 | 10 | 05.4 | 04.7 | 289 | 16 | 05.5 | 02.7 | 284 | 18 | 05.3 | 01.6 | 275 |
| 3.0 ,, | 31 | 06.1 | 02.8 | 352 | 20 | 06.7 | 05.9 | 027 | 16 | 06.6 | 00.8 | 352 | 10 | 06.0 | 05.3 | 293 | 16 | 06.1 | 02.5 | 301 | 12 | 03.7 | 00.4 | 050 |
| 3.6 ,, | 31 | 06.9 | 04.2 | 008 | 09 | 08.2 | 06.0 | 051 | 16 | 06.5 | 00.2 | 315 | 10 | 04.8 | 02.7 | 285 | 16 | 05.4 | 00.6 | 298 | 07 | 04.4 | 01.5 | 203 |
| 4.5 ,, | 28 | 06.2 | 04.2 | 350 | 05 | 06.4 | 01.9 | 345 | 16 | 05.6 | 02.3 | 154 | 09 | 05.6 | 01.1 | 208 | 16 | 05.6 | 01.5 | 124 | 03 | 03.0 | 00.8 | 189 |
| 5.4 ,, | 26 | 05.7 | 03.4 | 303 | | | | | 16 | 04.7 | 03.2 | 134 | 08 | 05.9 | 03.3 | 237 | 16 | 04.9 | 00.7 | 123 | | | | |
| 6.0 ,, | 22 | 05.8 | 03.6 | 290 | | | | | 16 | 04.9 | 01.2 | 138 | 07 | 04.4 | 02.5 | 248 | 16 | 04.7 | 00.3 | 148 | | | | |
| 7.2 ,, | 18 | 05.0 | 01.3 | 302 | | | | | 16 | 05.1 | 01.9 | 078 | 06 | 04.7 | 01.6 | 354 | 16 | 05.3 | 01.9 | 094 | | | | |
| 9.0 ,, | 14 | 04.5 | 02.7 | 063 | | | | | 14 | 04.9 | 03.6 | 091 | 04 | 03.7 | 02.8 | 066 | 14 | 05.5 | 03.9 | 083 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | MADRAS Minambakkam | | | | | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 04.4 | 03.7 | 250 | 31 | 03.6 | 03.1 | 281 | 31 | 03.2 | 01.5 | 136 | 31 | 03.6 | 02.9 | 182 | 31 | 00.9 | 00.3 | 344 | 31 | 04.1 | 03.5 | 306 |
| .15 A.G.L. | 31 | 06.5 | 05.8 | 253 | 29 | 04.8 | 04.4 | 279 | 31 | 04.1 | 01.9 | 130 | 31 | 08.6 | 07.8 | 185 | 27 | 04.7 | 02.5 | 321 | 31 | 06.1 | 05.5 | 299 |
| .3A.M.S.L. | 31 | 07.7 | 07.0 | 255 | 29 | 04.9 | 04.5 | 280 | 31 | 04.3 | 01.1 | 166 | 31 | 08.9 | 07.8 | 191 | 27 | 05.1 | 03.8 | 309 | 31 | 06.5 | 05.9 | 300 |
| .6 ,, | 31 | 08.6 | 07.9 | 263 | 29 | 06.4 | 05.9 | 287 | 31 | 04.5 | 02.6 | 253 | 31 | 07.8 | 06.7 | 209 | 26 | 07.4 | 06.8 | 302 | 31 | 08.8 | 08.2 | 302 |
| .9 ,, | 31 | 07.5 | 06.7 | 275 | 29 | 06.8 | 06.2 | 293 | 31 | 04.6 | 03.8 | 274 | 31 | 06.8 | 05.5 | 232 | 25 | 08.0 | 07.6 | 301 | 26 | 09.0 | 08.6 | 304 |
| 1.5 ,, | 31 | 06.5 | 05.6 | 284 | 28 | 06.7 | 06.1 | 288 | 31 | 06.1 | 05.7 | 280 | 31 | 07.0 | 05.6 | 275 | 16 | 08.1 | 07.9 | 298 | 19 | 08.7 | 08.4 | 307 |
| 2.1 ,, | 31 | 05.9 | 04.9 | 295 | 27 | 05.9 | 05.5 | 270 | 31 | 07.7 | 07.1 | 283 | 30 | 07.9 | 06.8 | 291 | 13 | 07.1 | 06.9 | 296 | 17 | 07.1 | 06.8 | 307 |
| 3.0 ,, | 31 | 06.2 | 04.6 | 279 | 24 | 06.0 | 05.4 | 281 | 31 | 06.6 | 05.8 | 273 | 26 | 07.2 | 06.1 | 287 | 08 | 04.3 | 03.9 | 300 | 11 | 05.5 | 04.9 | 294 |
| 3.6 ,, | 31 | 05.6 | 04.1 | 280 | 21 | 05.0 | 04.0 | 275 | 31 | 05.8 | 05.0 | 283 | 09 | 05.2 | 04.7 | 290 | 05 | 03.2 | 03.1 | 309 | 10 | 05.0 | 04.1 | 289 |
| 4.5 ,, | 31 | 05.3 | 03.2 | 275 | 17 | 03.4 | 01.6 | 244 | 31 | 04.4 | 03.1 | 273 | 05 | 03.2 | 00.8 | 313 | 04 | 01.7 | 00.8 | 281 | 06 | 02.7 | 01.5 | 026 |
| 5.4 ,, | 31 | 04.8 | 02.1 | 243 | 15 | 03.5 | 02.3 | 161 | 31 | 04.5 | 02.6 | 265 | 01 | 09.0 | 09.0 | 129 | 03 | 03.0 | 01.3 | 216 | 05 | 03.0 | 01.9 | 082 |
| 6.0 ,, | 31 | 05.1 | 01.2 | 173 | 14 | 04.1 | 03.1 | 122 | 31 | 04.6 | 01.4 | 270 | 01 | 08.0 | 08.0 | 105 | 03 | 05.3 | 01.8 | 071 | 04 | 03.7 | 03.0 | 089 |
| 7.2 ,, | 31 | 05.1 | 02.5 | 090 | 09 | 05.2 | 04.9 | 093 | 31 | 04.8 | 01.5 | 110 | | | | | | | | | 04 | 07.0 | 06.3 | 074 |
| 9.0 ,, | 31 | 09.7 | 08.2 | 090 | 02 | 10.5 | 10.2 | 107 | 31 | 08.5 | 06.5 | 102 | | | | | | | | | 02 | 12.5 | 12.4 | 099 |

| STATION | MANGALORE/BAJPE | | | | MINICOY | | | | | | | | | | | | | | | | NAGPUR/SONEGAON | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.2 | 299 | 31 | 05.0 | 04.6 | 287 | 31 | 05.3 | 05.0 | 295 | 31 | 06.4 | 05.8 | 287 | 31 | 04.9 | 04.6 | 300 | 31 | 02.0 | 01.7 | 306 |
| .15 A.G.L. | 30 | 06.0 | 04.8 | 309 | 30 | 07.7 | 07.3 | 295 | 29 | 07.7 | 07.3 | 299 | 29 | 08.1 | 07.8 | 287 | 31 | 07.6 | 07.4 | 303 | 31 | 06.1 | 05.6 | 309 |
| .3A.M.S.L. | 30 | 06.7 | 05.5 | 307 | 30 | 08.4 | 08.1 | 297 | 29 | 07.9 | 07.5 | 297 | 29 | 08.5 | 08.1 | 291 | 31 | 08.1 | 07.9 | 303 | | | | |
| .6 ,, | 30 | 08.6 | 07.6 | 306 | 30 | 10.1 | 09.8 | 300 | 29 | 09.6 | 09.3 | 302 | 29 | 09.1 | 08.8 | 295 | 31 | 09.3 | 09.1 | 305 | 31 | 06.4 | 05.8 | 315 |
| .9 ,, | 30 | 09.4 | 08.7 | 306 | 29 | 11.5 | 11.4 | 304 | 28 | 11.1 | 10.8 | 305 | 28 | 10.7 | 10.3 | 298 | 31 | 10.4 | 10.3 | 307 | 31 | 07.3 | 06.6 | 326 |
| 1.5 ,, | 27 | 09.6 | 09.1 | 305 | 25 | 10.7 | 10.6 | 305 | 26 | 11.0 | 10.7 | 309 | 28 | 10.5 | 10.2 | 298 | 28 | 10.2 | 10.0 | 305 | 31 | 07.1 | 06.3 | 331 |
| 2.1 ,, | 20 | 07.3 | 06.8 | 300 | 23 | 09.7 | 09.6 | 302 | 22 | 09.9 | 09.5 | 305 | 28 | 09.3 | 09.0 | 296 | 18 | 08.6 | 08.3 | 300 | 31 | 06.4 | 05.6 | 317 |
| 3.0 ,, | 12 | 05.9 | 05.2 | 292 | 18 | 08.3 | 07.9 | 301 | 13 | 07.2 | 06.8 | 302 | 28 | 06.9 | 06.5 | 293 | 06 | 07.3 | 06.9 | 300 | 31 | 04.8 | 03.9 | 323 |
| 3.6 ,, | 07 | 04.8 | 03.8 | 299 | 12 | 07.2 | 06.9 | 300 | 12 | 04.7 | 04.2 | 301 | 28 | 06.0 | 05.4 | 296 | 01 | 02.0 | 02.0 | 015 | 31 | 03.8 | 02.7 | 334 |
| 4.5 ,, | 01 | 03.0 | 03.0 | 214 | 06 | 05.8 | 05.1 | 308 | 11 | 04.1 | 02.4 | 299 | 28 | 04.5 | 02.8 | 310 | | | | | 31 | 03.7 | 02.0 | 324 |
| 5.4 ,, | 01 | 06.0 | 06.0 | 170 | 04 | 04.3 | 03.3 | 017 | 07 | 04.4 | 00.8 | 193 | 27 | 04.3 | 01.9 | 324 | | | | | 31 | 03.8 | 01.4 | 349 |
| 6.0 ,, | 01 | 02.0 | 02.0 | 149 | 04 | 04.3 | 03.9 | 040 | 07 | 04.7 | 01.1 | 140 | 27 | 03.6 | 01.4 | 039 | | | | | 31 | 03.1 | 00.4 | 057 |
| 7.2 ,, | | | | | 03 | 06.7 | 06.5 | 075 | 05 | 05.2 | 04.1 | 108 | 27 | 05.6 | 03.0 | 091 | | | | | 31 | 04.1 | 02.0 | 092 |
| 9.0 ,, | | | | | 03 | 09.0 | 09.0 | 064 | 04 | 07.3 | 07.1 | 105 | 27 | 08.8 | 08.4 | 095 | | | | | 31 | 06.7 | 05.5 | 109 |

| STATION | NAGPUR/SONEGAON | | | | | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.3 | 03.0 | 287 | 31 | 02.7 | 02.3 | 301 | 31 | 01.2 | 00.8 | 265 | 31 | 02.5 | 01.1 | 264 | 31 | 02.7 | 01.2 | 245 | 31 | 02.3 | 00.7 | 281 |
| .15 A.G.L. | 29 | 05.4 | 04.7 | 282 | 31 | 05.9 | 04.8 | 321 | 29 | 05.5 | 04.0 | 296 | 31 | 07.2 | 03.6 | 267 | 29 | 04.9 | 02.2 | 268 | 31 | 05.3 | 01.4 | 295 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 04.7 | 02.1 | 253 | 29 | 04.8 | 02.3 | 260 | 31 | 03.6 | 00.9 | 280 |
| .6 ,, | 29 | 05.1 | 04.6 | 290 | 31 | 05.9 | 05.0 | 320 | 29 | 06.4 | 05.3 | 301 | 31 | 07.3 | 03.8 | 270 | 29 | 06.0 | 02.2 | 275 | 31 | 05.3 | 01.5 | 275 |
| .9 ,, | 27 | 05.3 | 04.9 | 295 | 31 | 06.5 | 05.7 | 321 | 29 | 07.5 | 06.3 | 305 | 31 | 07.2 | 03.6 | 275 | 27 | 06.6 | 03.1 | 290 | 31 | 05.8 | 01.7 | 271 |
| 1.5 ,, | 19 | 06.0 | 04.8 | 294 | 31 | 07.3 | 06.8 | 312 | 28 | 07.5 | 06.4 | 296 | 31 | 06.3 | 02.2 | 314 | 20 | 06.5 | 02.0 | 305 | 31 | 06.5 | 02.6 | 278 |
| 2.1 ,, | 12 | 05.9 | 04.8 | 302 | 31 | 07.3 | 06.5 | 313 | 26 | 07.7 | 06.8 | 290 | 31 | 05.8 | 01.9 | 349 | 15 | 05.3 | 02.5 | 284 | 31 | 06.1 | 02.9 | 298 |
| 3.0 ,, | 06 | 05.8 | 03.6 | 299 | 31 | 06.7 | 06.1 | 313 | 15 | 05.8 | 05.1 | 292 | 31 | 05.4 | 01.4 | 001 | 11 | 05.2 | 03.2 | 300 | 31 | 06.3 | 03.4 | 336 |
| 3.6 ,, | 04 | 05.0 | 03.1 | 358 | 31 | 05.4 | 04.6 | 313 | 06 | 04.3 | 02.9 | 306 | 31 | 05.5 | 01.3 | 360 | 11 | 05.5 | 03.3 | 306 | 31 | 05.9 | 02.5 | 344 |
| 4.5 ,, | 02 | 05.5 | 02.1 | 360 | 31 | 03.9 | 02.3 | 320 | 01 | 04.0 | 04.0 | 166 | 31 | 04.6 | 00.3 | 090 | 09 | 04.2 | 01.9 | 210 | 31 | 04.7 | 00.7 | 307 |
| 5.4 ,, | | | | | 31 | 04.5 | 01.0 | 333 | 01 | 03.0 | 03.0 | 165 | 31 | 04.4 | 01.6 | 162 | 06 | 05.8 | 04.9 | 229 | 31 | 04.8 | 02.1 | 258 |
| 6.0 ,, | | | | | 31 | 03.8 | 00.5 | 072 | 01 | 02.0 | 02.0 | 220 | 31 | 04.4 | 01.8 | 165 | 06 | 05.2 | 04.3 | 240 | 31 | 04.6 | 01.3 | 250 |
| 7.2 ,, | | | | | 31 | 04.4 | 02.9 | 110 | | | | | 31 | 05.0 | 01.1 | 191 | 05 | 04.6 | 02.4 | 303 | 31 | 05.7 | 01.3 | 249 |
| 9.0 ,, | | | | | 30 | 06.8 | 06.1 | 118 | | | | | 31 | 05.1 | 01.5 | 165 | 04 | 05.0 | 04.1 | 284 | 31 | 05.3 | 01.1 | 184 |

| STATION | NEW DELHI/SAFDARJUNG | | | | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.5 | 00.2 | 188 | 31 | 00.9 | 00.9 | 267 | 31 | 03.0 | 02.9 | 269 | 31 | 01.3 | 01.3 | 270 | 31 | 04.6 | 04.2 | 221 | 31 | 06.0 | 05.5 | 237 |
| .15 A.G.L. | 30 | 05.5 | 01.8 | 241 | 31 | 06.3 | 06.1 | 260 | 31 | 08.0 | 07.8 | 267 | 31 | 06.6 | 06.5 | 259 | 31 | 08.0 | 07.5 | 223 | 29 | 07.9 | 07.3 | 232 |
| .3A.M.S.L. | 30 | 04.9 | 01.7 | 238 | | | | | | | | | | | | | 31 | 08.1 | 07.6 | 225 | 29 | 07.8 | 07.3 | 232 |
| .6 ,, | 30 | 06.0 | 02.0 | 248 | 31 | 02.9 | 02.8 | 266 | 31 | 05.1 | 04.9 | 274 | 31 | 03.4 | 03.3 | 261 | 31 | 09.6 | 09.1 | 229 | 29 | 09.3 | 08.8 | 235 |
| .9 ,, | 28 | 06.4 | 02.9 | 274 | 3[illegible] | [illegible]9.2 | 08.0 | 264 | 31 | 08.4 | 08.3 | 267 | 31 | 08.3 | 08.0 | 263 | 31 | 09.9 | 09.2 | 231 | 21 | 09.1 | 08.5 | 236 |
| 1.5 ,, | 26 | 07.3 | 05.0 | 299 | 20 | 11.1 | 10.4 | 272 | 18 | 10.3 | 10.1 | 269 | 21 | 11.5 | 11.2 | 271 | 31 | 08.3 | 07.5 | 230 | 13 | 08.7 | 08.1 | 243 |
| 2.1 ,, | 25 | 08.0 | 05.9 | 320 | 10 | 07.6 | 06.9 | 276 | 04 | 05.5 | 05.3 | 250 | 11 | 09.7 | 09.3 | 275 | 31 | 07.2 | 06.6 | 227 | 09 | 07.1 | 06.5 | 230 |
| 3.0 ,, | 16 | 05.9 | 01.7 | 344 | 04 | 04.[illegible] | 03.9 | 221 | 02 | 03.5 | 02.9 | 261 | 04 | 03.3 | 01.7 | 290 | 31 | 06.3 | 05.6 | 222 | 08 | 07.3 | 05.7 | 224 |
| 3.6 ,, | 04 | 04.7 | 02.5 | 091 | 03 | 05.0 | 04.8 | 251 | 02 | 03.0 | 02.9 | 284 | 02 | 03.5 | 02.5 | 209 | 31 | 05.8 | 04.7 | 227 | 05 | 04.8 | 03.7 | 184 |
| 4.5 ,, | 01 | 06.0 | 06.0 | 188 | 01 | 05.0 | 05.0 | 288 | 02 | 03.5 | 01.3 | 324 | | | | | 31 | 05.6 | 03.3 | 229 | 03 | 03.7 | 01.5 | 183 |
| 5.4 ,, | | | | | | | | | 01 | 06.0 | 06.0 | 075 | | | | | 30 | 05.7 | 01.9 | 219 | 02 | 05.0 | 01.3 | 104 |
| 6.0 ,, | | | | | | | | | | | | | | | | | 30 | 05.0 | 01.2 | 202 | 02 | 05.0 | 01.7 | 111 |
| 7.2 ,, | | | | | | | | | | | | | | | | | 29 | 06.4 | 02.7 | 125 | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | 29 | 07.9 | 05.9 | 073 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | PORT BLAIR | | | | | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.1 | 04.6 | 226 | 31 | 03.5 | 03.3 | 227 | 31 | 01.8 | 01.7 | 242 | 31 | 02.3 | 02.0 | 261 | 31 | 02.0 | 01.8 | 234 | 31 | 01.9 | 01.3 | 087 |
| .15 A.G.L. | 31 | 07.6 | 07.1 | 227 | 31 | 06.9 | 06.7 | 230 | 26 | 06.9 | 06.9 | 250 | 31 | 06.9 | 06.0 | 259 | 27 | 07.6 | 06.6 | 240 | 19 | 06.8 | 06.4 | 092 |
| .3A.M.S.L. | 31 | 07.7 | 07.2 | 228 | 31 | 07.5 | 07.2 | 231 | | | | | | | | | | | | | 19 | 07.8 | 07.3 | 097 |
| .6 ,, | 31 | 09.2 | 08.6 | 230 | 31 | 08.5 | 08.0 | 236 | 26 | 09.3 | 07.9 | 269 | 31 | 07.8 | 06.9 | 263 | 27 | 08.3 | 07.0 | 254 | 19 | 09.4 | 08.7 | 107 |
| .9 ,, | 31 | 09.3 | 08.7 | 234 | 31 | 08.1 | 07.7 | 238 | 26 | 08.4 | 07.6 | 286 | 30 | 07.4 | 06.4 | 264 | 26 | 07.9 | 07.0 | 270 | 17 | 09.6 | 09.1 | 105 |
| 1.5 ,, | 31 | 08.0 | 07.3 | 236 | 29 | 07.1 | 06.3 | 236 | 24 | 06.9 | 06.4 | 295 | 29 | 07.9 | 07.0 | 281 | 26 | 07.6 | 06.6 | 286 | 12 | 07.6 | 07.2 | 106 |
| 2.1 ,, | 31 | 07.4 | 06.2 | 238 | 25 | 06.6 | 05.6 | 238 | 19 | 07.6 | 06.5 | 293 | 28 | 07.8 | 06.6 | 286 | 25 | 06.8 | 05.3 | 290 | 11 | 07.4 | 06.1 | 106 |
| 3.0 ,, | 31 | 06.7 | 05.4 | 236 | 18 | 05.3 | 04.3 | 242 | 14 | 04.9 | 03.5 | 288 | 20 | 06.3 | 05.1 | 282 | 22 | 05.5 | 03.7 | 287 | 03 | 06.6 | 06.6 | 116 |
| 3.6 ,, | 31 | 06.3 | 04.5 | 230 | 08 | 03.7 | 02.8 | 192 | 13 | 04.5 | 02.9 | 277 | 15 | 05.6 | 03.9 | 262 | 14 | 04.2 | 02.8 | 274 | 02 | 08.0 | 07.8 | 108 |
| 4.5 ,, | 31 | 05.5 | 03.1 | 211 | 06 | 04.7 | 03.3 | 167 | 11 | 05.4 | 03.5 | 255 | 10 | 04.0 | 01.6 | 251 | 05 | 03.0 | 02.3 | 270 | 02 | 08.0 | 07.0 | 109 |
| 5.4 ,, | 31 | 06.1 | 03.0 | 193 | 02 | 06.5 | 01.7 | 309 | 09 | 04.2 | 02.0 | 178 | 07 | 02.6 | 00.5 | 127 | | | | | 02 | 08.5 | 08.5 | 107 |
| 6.0 ,, | 31 | 06.3 | 01.9 | 164 | | | | | 08 | 03.7 | 01.8 | 114 | 04 | 04.0 | 02.1 | 088 | | | | | | | | |
| 7.2 ,, | 31 | 06.6 | 03.0 | 110 | | | | | 05 | 05.4 | 03.4 | 100 | 03 | 06.3 | 04.4 | 066 | | | | | | | | |
| 9.0 ,, | 31 | 09.4 | 08.0 | 070 | | | | | | | | | 01 | 06.0 | 06.0 | 340 | | | | | | | | |

| STATION | RAXAUL | | | | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.1 | 01.7 | 114 | 28 | 00.1 | 00.0 | 130 | 27 | 00.4 | 00.2 | 285 | 31 | 04.1 | 04.0 | 271 | 31 | 03.8 | 02.6 | 288 | 31 | 03.2 | 02.7 | 245 |
| .15 A.G.L. | 28 | 03.9 | 02.8 | 126 | 28 | 01.8 | 00.9 | 138 | 27 | 02.1 | 01.0 | 320 | 31 | 08.5 | 08.4 | 277 | 31 | 05.4 | 03.8 | 287 | 26 | 07.2 | 06.3 | 252 |
| .3A.M.S.L. | 28 | 03.9 | 02.8 | 131 | | | | | | | | | 31 | 09.7 | 09.5 | 275 | 31 | 05.4 | 03.9 | 283 | 26 | 07.7 | 06.8 | 254 |
| .6 ,, | 28 | 05.1 | 02.9 | 133 | | | | | | | | | 31 | 12.5 | 12.3 | 279 | 31 | 05.5 | 04.8 | 278 | 26 | 08.6 | 08.1 | 263 |
| .9 ,, | 28 | 05.7 | 02.4 | 145 | | | | | | | | | 31 | 10.4 | 10.0 | 282 | 31 | 05.8 | 05.3 | 275 | 26 | 08.0 | 07.6 | 266 |
| 1.5 ,, | 22 | 07.1 | 01.1 | 179 | | | | | | | | | 31 | 07.6 | 06.9 | 281 | 31 | 07.3 | 07.0 | 265 | 25 | 06.6 | 06.2 | 273 |
| 2.1 ,, | 18 | 07.5 | 02.1 | 138 | 28 | 01.7 | 00.2 | 007 | 27 | 02.0 | 00.7 | 320 | 31 | 05.6 | 05.0 | 284 | 30 | 07.2 | 06.9 | 269 | 25 | 05.4 | 04.9 | 284 |
| 3.0 ,, | 09 | 07.0 | 01.3 | 149 | 28 | 01.9 | 00.9 | 330 | 27 | 03.0 | 01.4 | 320 | 31 | 05.2 | 04.2 | 285 | 26 | 06.3 | 06.1 | 283 | 20 | 04.9 | 04.0 | 278 |
| 3.6 ,, | 06 | 06.5 | 03.5 | 123 | 27 | 02.0 | 00.2 | 273 | 27 | 03.0 | 00.8 | 288 | 27 | 05.0 | 04.0 | 285 | 21 | 06.9 | 06.1 | 292 | 12 | 04.6 | 03.3 | 262 |
| 4.5 ,, | 05 | 06.0 | 01.3 | 107 | 27 | 02.9 | 00.5 | 215 | 27 | 03.7 | 01.0 | 215 | 27 | 05.1 | 03.3 | 270 | 18 | 06.3 | 04.6 | 293 | 09 | 04.3 | 02.4 | 240 |
| 5.4 ,, | 05 | 04.8 | 00.2 | 010 | 27 | 04.7 | 03.0 | 180 | 27 | 04.6 | 02.2 | 205 | 19 | 04.5 | 01.6 | 249 | 15 | 03.9 | 01.9 | 301 | 01 | 07.0 | 07.0 | 210 |
| 6.0 ,, | 03 | 04.0 | 03.3 | 304 | 27 | 05.0 | 03.6 | 212 | 27 | 04.7 | 03.1 | 243 | 14 | 04.9 | 01.8 | 148 | 11 | 03.7 | 00.3 | 229 | | | | |
| 7.2 ,, | 03 | 03.6 | 00.4 | 153 | 26 | 10.2 | 09.1 | 240 | 26 | 09.4 | 08.1 | 250 | 11 | 05.4 | 03.5 | 094 | 09 | 05.9 | 02.5 | 049 | | | | |
| 9.0 ,, | 02 | 07.5 | 04.7 | 099 | 25 | 15.4 | 14.5 | 250 | 26 | 15.0 | 13.4 | 255 | 03 | 11.0 | 10.7 | 091 | | | | | | | | |

| STATION | TRIVANDRUM | | | | | | | | | | | | | | | | UDAIPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.3 | 02.9 | 333 | 31 | 03.5 | 03.2 | 321 | 31 | 05.2 | 04.9 | 309 | 31 | 03.4 | 03.2 | 327 | 31 | 00.4 | 00.4 | 260 | 31 | 00.8 | 00.8 | 250 |
| .15 A.G.L. | 31 | 08.3 | 07.9 | 329 | 30 | 06.3 | 05.8 | 314 | 31 | 09.5 | 09.1 | 304 | 30 | 06.9 | 06.7 | 324 | 31 | 04.0 | 03.9 | 260 | 30 | 04.7 | 04.4 | 252 |
| .3A.M.S.L. | 31 | 08.6 | 08.4 | 328 | 30 | 06.8 | 06.4 | 316 | 31 | 09.8 | 09.5 | 303 | 30 | 08.5 | 08.2 | 324 | | | | | | | | |
| .6 ,, | 31 | 10.1 | 09.7 | 323 | 30 | 08.6 | 08.3 | 319 | 31 | 10.5 | 10.0 | 310 | 30 | 11.4 | 11.0 | 322 | | | | | | | | |
| .9 ,, | 31 | 11.2 | 10.8 | 315 | 28 | 09.4 | 09.0 | 315 | 31 | 11.0 | 10.5 | 312 | 30 | 11.7 | 11.3 | 320 | 31 | 05.4 | 05.2 | 265 | 30 | 05.1 | 04.9 | 256 |
| 1.5 ,, | 31 | 11.1 | 07.7 | 308 | 14 | 12.8 | 12.0 | 316 | 31 | 10.9 | 10.6 | 313 | 24 | 11.4 | 11.2 | 314 | 27 | 07.0 | 05.2 | 265 | 26 | 05.2 | 04.8 | 264 |
| 2.1 ,, | 30 | 09.5 | 09.1 | 302 | 05 | 14.2 | 12.8 | 307 | 31 | 09.1 | 08.9 | 307 | 13 | 09.0 | 08.6 | 311 | 21 | 04.0 | 00.7 | 275 | 23 | 04.2 | 03.1 | 284 |
| 3.0 ,, | 30 | 06.0 | 05.4 | 308 | 02 | 11.5 | 11.1 | 310 | 31 | 07.1 | 06.5 | 299 | 02 | 05.0 | 04.5 | 295 | 18 | 04.8 | 03.2 | 050 | 17 | 05.0 | 03.2 | 337 |
| 3.6 ,, | 30 | 04.4 | 03.3 | 290 | 02 | 10.5 | 08.2 | 311 | 31 | 05.3 | 04.3 | 297 | 01 | 02.0 | 02.0 | 325 | 18 | 05.1 | 03.8 | 045 | 15 | 06.0 | 04.3 | 360 |
| 4.5 ,, | 31 | 04.1 | 01.9 | 294 | | | | | 31 | 04.6 | 02.6 | 307 | | | | | 14 | 05.1 | 03.8 | 005 | 12 | 06.3 | 04.0 | 354 |
| 5.4 ,, | 31 | 04.7 | 01.4 | 330 | | | | | 31 | 04.5 | 01.2 | 313 | | | | | 12 | 04.2 | 01.3 | 012 | 11 | 04.7 | 01.5 | 243 |
| 6.0 ,, | 31 | 04.9 | 00.9 | 097 | | | | | 31 | 05.2 | 00.8 | 122 | | | | | 12 | 03.7 | 01.5 | 060 | 10 | 03.5 | 01.2 | 299 |
| 7.2 ,, | 31 | 07.0 | 03.5 | 102 | | | | | 31 | 05.9 | 03.5 | 093 | | | | | 11 | 04.9 | 03.3 | 086 | 09 | 04.4 | 02.2 | 069 |
| 9.0 ,, | 31 | 09.3 | 06.3 | 102 | | | | | 31 | 09.1 | 08.3 | 102 | | | | | 09 | 06.6 | 06.3 | 073 | 06 | 07.0 | 06.3 | 090 |

| STATION | UDAIPUR | | | | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.2 | 00.2 | 225 | 31 | 00.9 | 00.8 | 278 | 31 | 02.0 | 01.7 | 279 | 31 | 00.8 | 00.5 | 296 | 31 | 06.0 | 05.5 | 258 | 31 | 06.3 | 05.8 | 262 |
| .15 A.G.L. | 31 | 03.9 | 03.7 | 250 | 31 | 04.3 | 03.8 | 277 | 31 | 05.9 | 05.2 | 283 | 31 | 04.4 | 03.5 | 289 | 31 | 08.8 | 08.5 | 252 | 31 | 08.6 | 08.3 | 258 |
| .3A.M.S.L. | | | | | 31 | 05.6 | 05.2 | 281 | 31 | 07.5 | 06.9 | 289 | 31 | 05.9 | 05.1 | 289 | 31 | 09.4 | 09.2 | 255 | 31 | 09.2 | 08.9 | 261 |
| .6 ,, | | | | | 31 | 07.5 | 07.1 | 283 | 30 | 09.5 | 08.9 | 288 | 31 | 07.2 | 06.8 | 291 | 31 | 10.3 | 10.0 | 258 | 31 | 10.1 | 09.8 | 265 |
| .9 ,, | 31 | 05.3 | 05.1 | 255 | 22 | 08.0 | 07.7 | 287 | 25 | 10.0 | 09.4 | 290 | 26 | 07.9 | 07.6 | 291 | 28 | 10.1 | 09.9 | 259 | 27 | 09.9 | 09.6 | 267 |
| 1.5 ,, | 29 | 06.4 | 06.0 | 260 | 14 | 07.4 | 07.1 | 288 | 13 | 08.5 | 08.2 | 297 | 19 | 07.4 | 07.1 | 286 | 19 | 08.8 | 08.5 | 250 | 18 | 07.1 | 06.7 | 267 |
| 2.1 ,, | 28 | 04.6 | 02.6 | 285 | 07 | 06.7 | 06.5 | 291 | 05 | 06.8 | 06.5 | 300 | 12 | 06.0 | 05.9 | 286 | 12 | 06.2 | 04.5 | 249 | 14 | 04.9 | 03.9 | 283 |
| 3.0 ,, | 20 | 05.5 | 03.0 | 020 | 05 | 03.4 | 02.2 | 303 | 04 | 05.5 | 05.2 | 281 | 09 | 04.2 | 03.8 | 289 | 04 | 05.0 | 02.0 | 327 | 13 | 05.5 | 02.3 | 327 |
| 3.6 ,, | 17 | 07.3 | 04.7 | 023 | 03 | 03.0 | 01.7 | 262 | 03 | 05.0 | 04.9 | 272 | 06 | 03.7 | 02.1 | 277 | 01 | 09.0 | 09.0 | 017 | 12 | 05.9 | 01.3 | 344 |
| 4.5 ,, | 05 | 04.6 | 02.8 | 040 | | | | | 02 | 03.5 | 03.1 | 295 | 02 | 01.0 | 00.8 | 286 | | | | | 11 | 06.5 | 02.4 | 234 |
| 5.4 ,, | | | | | | | | | 02 | 04.0 | 03.9 | 308 | 01 | 02.0 | 02.0 | 125 | | | | | 11 | 05.5 | 02.6 | 255 |
| 6.0 ,, | | | | | | | | | 02 | 04.5 | 04.5 | 335 | | | | | | | | | 11 | 05.0 | 00.4 | 295 |
| 7.2 ,, | | | | | | | | | 02 | 05.5 | 04.7 | 040 | | | | | | | | | 10 | 04.8 | 03.1 | 061 |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | 05 | 07.4 | 07.4 | 085 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STATION | VERAVAL | | | | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 05.3 | 04.6 | 255 | 31 | 01.9 | 01.7 | 251 | 31 | 03.3 | 02.5 | 289 | 31 | 01.6 | 00.7 | 202 | 31 | 03.4 | 03.0 | 276 | 31 | 02.5 | 02.0 | 209 |
| .15 A.G.L. | 31 | 08.3 | 07.7 | 254 | 29 | 06.3 | 05.6 | 257 | 30 | 04.6 | 03.8 | 289 | 30 | 04.3 | 02.3 | 229 | 31 | 05.4 | 04.6 | 280 | 31 | 05.1 | 04.4 | 219 |
| .3A.M.S.L. | 31 | 09.1 | 08.6 | 256 | 29 | 07.4 | 06.5 | 261 | 30 | 04.9 | 03.9 | 290 | 30 | 04.9 | 03.0 | 243 | 31 | 05.6 | 04.6 | 270 | 31 | 04.9 | 04.3 | 233 |
| .6 ,, | 31 | 10.3 | 09.8 | 260 | 29 | 08.7 | 07.8 | 265 | 30 | 05.6 | 05.0 | 292 | 30 | 05.6 | 04.0 | 261 | 31 | 05.8 | 05.2 | 256 | 31 | 05.2 | 04.8 | 262 |
| .9 ,, | 31 | 10.6 | 10.2 | 262 | 29 | 08.6 | 08.0 | 272 | 30 | 06.8 | 06.3 | 289 | 30 | 06.0 | 04.9 | 273 | 31 | 05.8 | 05.2 | 257 | 31 | 06.2 | 05.4 | 273 |
| 1.5 ,, | 23 | 08.6 | 08.1 | 256 | 29 | 07.6 | 06.8 | 282 | 30 | 08.5 | 08.1 | 287 | 29 | 07.9 | 07.3 | 279 | 31 | 06.7 | 06.1 | 268 | 25 | 06.6 | 05.7 | 283 |
| 2.1 ,, | 16 | 04.8 | 03.2 | 266 | 27 | 07.5 | 06.9 | 285 | 30 | 09.3 | 08.7 | 284 | 25 | 10.4 | 09.9 | 287 | 31 | 07.5 | 07.1 | 272 | 25 | 06.3 | 05.5 | 284 |
| 3.0 ,, | 12 | 04.7 | 02.4 | 343 | 24 | 07.0 | 06.3 | 288 | 29 | 08.3 | 07.7 | 275 | 23 | 09.5 | 08.9 | 295 | 31 | 06.7 | 06.0 | 272 | 24 | 05.9 | 05.0 | 290 |
| 3.6 ,, | 08 | 05.1 | 01.4 | 008 | 19 | 06.3 | 05.1 | 288 | 27 | 07.4 | 06.7 | 276 | 15 | 05.7 | 04.9 | 291 | 31 | 06.1 | 05.0 | 268 | 21 | 06.0 | 04.1 | 276 |
| 4.5 ,, | 04 | 03.2 | 02.4 | 064 | 15 | 05.5 | 03.3 | 278 | 23 | 06.3 | 05.2 | 265 | 08 | 03.6 | 02.0 | 284 | 30 | 05.3 | 03.3 | 273 | 14 | 06.1 | 03.6 | 270 |
| 5.4 ,, | 01 | 06.0 | 06.0 | 070 | 12 | 04.5 | 01.1 | 025 | 23 | 06.0 | 03.7 | 266 | 03 | 03.3 | 00.7 | 093 | 30 | 04.7 | 01.9 | 286 | 11 | 04.5 | 01.0 | 243 |
| 6.0 ,, | | | | | 11 | 04.7 | 01.5 | 095 | 23 | 05.9 | 02.3 | 267 | 01 | 05.0 | 05.0 | 145 | 30 | 04.6 | 00.6 | 325 | 10 | 04.4 | 01.2 | 133 |
| 7.2 ,, | | | | | 07 | 05.4 | 03.1 | 066 | 15 | 04.8 | 02.9 | 087 | 01 | 06.0 | 06.0 | 105 | 29 | 05.3 | 02.6 | 085 | 04 | 05.7 | 04.9 | 120 |
| 9.0 ,, | | | | | 04 | 10.5 | 09.9 | 104 | 04 | 09.0 | 09.0 | 086 | | | | | 29 | 08.2 | 07.4 | 091 | 02 | 09.5 | 09.5 | 093 |

| STATION | VISHAKHAPATNAM | | | | | | | | BEGAMPET | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 * | | | | 2330 | | | | 1130 | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.9 | 02.3 | 255 | 31 | 02.2 | 02.0 | 259 | 31 | 04.6 | 04.3 | 290 | | | | | | | | | | | | |
| .15 A.G.L. | 31 | 05.2 | 04.0 | 256 | 31 | 04.7 | 04.3 | 243 | 31 | 07.1 | 06.5 | 290 | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 04.8 | 04.3 | 250 | 31 | 04.9 | 04.5 | 240 | | | | | | | | | | | | | | | | |
| .6 ,, | 31 | 05.6 | 04.9 | 237 | 31 | 05.6 | 05.1 | 248 | 31 | 08.9 | 06.3 | 290 | | | | | | | | | | | | |
| .9 ,, | 31 | 05.7 | 04.9 | 247 | 30 | 05.3 | 04.5 | 261 | 31 | 07.2 | 06.8 | 294 | | | | | | | | | | | | |
| 1.5 ,, | 30 | 06.5 | 04.9 | 272 | 27 | 06.7 | 05.6 | 282 | 29 | 08.4 | 07.9 | 295 | | | | | | | | | | | | |
| 2.1 ,, | 30 | 06.9 | 05.6 | 271 | 26 | 06.5 | 05.7 | 280 | 25 | 08.3 | 07.3 | 285 | | | | | | | | | | | | |
| 3.0 ,, | 30 | 07.1 | 05.5 | 272 | 25 | 05.4 | 04.8 | 277 | 16 | 05.9 | 04.6 | 279 | | | | | | | | | | | | |
| 3.6 ,, | 30 | 06.2 | 04.6 | 265 | 15 | 04.0 | 02.8 | 270 | 09 | 05.6 | 03.9 | 275 | | | | | | | | | | | | |
| 4.5 ,, | 30 | 05.7 | 03.5 | 275 | 10 | 03.4 | 02.2 | 240 | 04 | 07.2 | 05.5 | 280 | | | | | | | | | | | | |
| 5.4 ,, | 30 | 05.4 | 02.5 | 279 | 05 | 03.4 | 01.4 | 052 | | | | | | | | | | | | | | | | |
| 6.0 ,, | 30 | 04.9 | 01.7 | 290 | 05 | 03.0 | 00.7 | 090 | | | | | | | | | | | | | | | | |
| 7.2 ,, | 30 | 05.1 | 01.4 | 021 | 02 | 04.0 | 01.1 | 138 | | | | | | | | | | | | | | | | |
| 9.0 ,, | 30 | 07.7 | 06.5 | 072 | | | | | | | | | | | | | | | | | | | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES

OF UPPER WINDS

Winds above 9 km. above sea level.

AUGUST, 1966 (Sravana 10 - Bhadra 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **AHMADABAD** | | | |
| | 0530 hr.* | | | |
| 10.5 | 28 | 9.7 | 9.4 | 087 |
| 12.0 | 28 | 14.5 | 13.5 | 102 |
| 14.1 | 25 | 22.8 | 22.2 | 107 |
| 16.2 | 17 | 25.2 | 24.5 | 101 |
| 18.0 | 8 | 23.1 | 22.5 | 087 |
| 21.0 | 2 | 20.0 | 20.0 | 094 |
| 24.0 | 1 | 22.0 | 22.0 | 085 |
| | 1730 hr.* | | | |
| 10.5 | 29 | 11.3 | 10.1 | 091 |
| 12.0 | 28 | 15.7 | 15.2 | 103 |
| 14.1 | 26 | 23.7 | 23.0 | 100 |
| 16.2 | 16 | 30.6 | 29.7 | 097 |
| 18.0 | 13 | 30.3 | 29.6 | 097 |
| 21.0 | 1 | 21.0 | 21.0 | 090 |
| | **AMBALA** | | | |
| | 1730 hr. | | | |
| 10.5 | 1 | 10.0 | 10.0 | 290 |
| | **ANANTAPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 19.0 | 19.0 | 120 |
| 12.0 | 1 | 30.0 | 30.0 | 105 |
| | 1730 hr. | | | |
| 10.5 | 1 | 10.0 | 10.0 | 089 |
| | **ASANSOL** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 6.5 | 6.3 | 086 |
| 12.0 | 1 | 16.0 | 16.0 | 080 |
| | **BANGALORE** | | | |
| | 0530 hr. ● | | | |
| 10.5 | 3 | 15.3 | 15.2 | 097 |
| 12.0 | 3 | 19.3 | 19.3 | 095 |
| 14.1 | 1 | 25.0 | 25.0 | 087 |
| 16.2 | 1 | 26.0 | 26.0 | 090 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BANGALORE (CONTD.)** | | | |
| | 1730 hr. ● | | | |
| 10.5 | 3 | 13.7 | 13.7 | 108 |
| 12.0 | 2 | 13.5 | 13.4 | 097 |
| 14.1 | 2 | 24.0 | 23.9 | 091 |
| 16.2 | 1 | 33.0 | 33.0 | 099 |
| 18.0 | 1 | 25.0 | 25.0 | 087 |
| 21.0 | 1 | 15.0 | 15.0 | 108 |
| | **BAREILLY** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 2.5 | 1.9 | 006 |
| 12.0 | 2 | 2.5 | 2.5 | 063 |
| 14.1 | 1 | 6.0 | 6.0 | 050 |
| 16.2 | 1 | 13.0 | 13.0 | 076 |
| | 1730 hr. | | | |
| 10.5 | 5 | 6.0 | 5.5 | 084 |
| 12.0 | 4 | 7.5 | 7.1 | 066 |
| 14.1 | 2 | 11.0 | 9.1 | 358 |
| 16.2 | 1 | 16.0 | 16.0 | 085 |
| 18.0 | 1 | 26.0 | 26.0 | 090 |
| | **BHAGALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 11.0 | 11.0 | 061 |
| | **BHOPAL/ BAIRAGARH** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 10.0 | 10.0 | 071 |
| 12.0 | 1 | 12.0 | 12.0 | 076 |
| 14.1 | 1 | 14.0 | 14.0 | 085 |
| 16.2 | 1 | 24.0 | 24.0 | 086 |
| | **BHUJ/ RUDRAMATA** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 11.0 | 11.0 | 055 |
| 12.0 | 1 | 8.0 | 8.0 | 045 |
| 14.1 | 1 | 10.0 | 10.0 | 066 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BHUJ/ RUDRAMATA (CONTD.)** | | | |
| | 0530 hr. (Contd.) | | | |
| 16.2 | 1 | 26.0 | 26.0 | 060 |
| 18.0 | 1 | 20.0 | 20.0 | 084 |
| 21.0 | 1 | 15.0 | 15.0 | 094 |
| | **BOMBAY/ SANTACRUZ** | | | |
| | 0530 hr. * | | | |
| 10.5 | 31 | 11.3 | 11.0 | 094 |
| 12.0 | 31 | 18.8 | 18.5 | 095 |
| 14.1 | 27 | 28.0 | 27.7 | 094 |
| 16.2 | 25 | 33.2 | 32.2 | 093 |
| 18.0 | 16 | 29.5 | 27.2 | 088 |
| 21.0 | 8 | 22.7 | 22.5 | 081 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 13.4 | 13.2 | 086 |
| 12.0 | 31 | 19.7 | 19.4 | 090 |
| 14.1 | 26 | 31.2 | 31.0 | 093 |
| 16.2 | 23 | 32.5 | 31.8 | 090 |
| 18.0 | 19 | 29.0 | 28.7 | 087 |
| 21.0 | 2 | 25.0 | 25.0 | 090 |
| | **CALCUTTA/ DUM DUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 10.9 | 10.2 | 097 |
| 12.0 | 30 | 15.1 | 14.1 | 087 |
| 14.1 | 30 | 21.5 | 20.3 | 079 |
| 16.2 | 29 | 26.9 | 24.9 | 079 |
| 18.0 | 19 | 27.5 | 25.2 | 089 |
| 21.0 | 8 | 22.5 | 18.9 | 091 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 9.0 | 8.6 | 092 |
| 12.0 | 30 | 12.5 | 12.0 | 079 |
| 14.1 | 30 | 18.1 | 17.7 | 073 |
| 16.2 | 30 | 24.4 | 23.9 | 079 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **CALCUTTA/ DUM DUM (CONTD.)** | | | |
| | 1730 hr.* (Contd.) | | | |
| 18.0 | 24 | 25.5 | 25.0 | 086 |
| 21.0 | 11 | 22.5 | 22.1 | 091 |
| | **DEHRADUN** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 4.0 | 4.0 | 135 |
| 12.0 | 1 | 8.0 | 8.0 | 167 |
| 14.1 | 1 | 12.0 | 12.0 | 140 |
| | **DIBRUGARH/ MOHANBARI** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 16.0 | 16.0 | 110 |
| | 1730 hr. | | | |
| 10.5 | 4 | 11.7 | 11.0 | 082 |
| 12.0 | 2 | 10.0 | 9.5 | 076 |
| 14.1 | 1 | 11.0 | 11.0 | 066 |
| | **GADAG** | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 15.2 | 15.0 | 090 |
| 12.0 | 6 | 21.7 | 21.3 | 095 |
| 14.1 | 6 | 34.8 | 34.7 | 094 |
| 16.2 | 4 | 44.0 | 43.8 | 095 |
| 18.0 | 2 | 24.0 | 24.0 | 083 |
| 21.0 | 1 | 20.0 | 20.0 | 065 |
| | 1730 hr. | | | |
| 10.5 | 1 | 19.0 | 19.0 | 100 |
| 12.0 | 1 | 21.0 | 21.0 | 091 |
| | **GANGTOK** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 4.5 | 4.5 | 048 |
| 12.0 | 2 | 10.5 | 6.7 | 088 |
| 14.1 | 2 | 15.5 | 12.3 | 053 |
| | **GAUHATI** | | | |
| | 0530 hr.* | | | |
| 10.5 | 20 | 7.0 | 6.1 | 086 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES

OF UPPER WINDS

Winds above 9 km. above sea level.

AUGUST, 1966 (Sravana 10 - Bhadra 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **GAUHATI (CONTD.)** | | | |
| | **0530 hr.* (Contd.)** | | | |
| 12.0 | 20 | 10.2 | 8.3 | 083 |
| 14.1 | 19 | 14.3 | 13.1 | 074 |
| 16.2 | 13 | 18.7 | 17.7 | 085 |
| 18.0 | 9 | 17.3 | 16.9 | 088 |
| 21.0 | 4 | 16.7 | 16.7 | 091 |
| 24.0 | 1 | 13.0 | 13.0 | 109 |
| | **1730 hr.*** | | | |
| 10.5 | 20 | 7.2 | 6.5 | 070 |
| 12.0 | 20 | 10.7 | 9.7 | 076 |
| 14.1 | 17 | 14.3 | 12.9 | 076 |
| 16.2 | 10 | 18.0 | 17.1 | 095 |
| 18.0 | 7 | 14.6 | 14.3 | 094 |
| 21.0 | 5 | 13.4 | 13.1 | 089 |
| 24.0 | 1 | 27.0 | 27.0 | 090 |
| 27.0 | 1 | 26.0 | 26.0 | 090 |
| | **GWALIOR** | | | |
| | **0530 hr.** | | | |
| 10.5 | 1 | 6.0 | 6.0 | 064 |
| 12.0 | 1 | 7.0 | 7.0 | 093 |
| 14.1 | 1 | 12.0 | 12.0 | 113 |
| 16.2 | 1 | 19.0 | 19.0 | 077 |
| | **JAGDALPUR** | | | |
| | **0530 hr.** | | | |
| 10.5 | 2 | 10.5 | 10.3 | 101 |
| 12.0 | 1 | 17.0 | 17.0 | 087 |
| 14.1 | 1 | 25.0 | 25.0 | 098 |
| | **1730 hr.** | | | |
| 10.5 | 2 | 6.5 | 6.5 | 111 |
| 12.0 | 1 | 9.0 | 9.0 | 131 |
| 14.0 | 1 | 14.0 | 14.0 | 088 |
| | **JAIPUR/ SANGANER** | | | |
| | **0530 hr.** | | | |
| 10.5 | 1 | 6.0 | 6.0 | 073 |
| | **JAMSHEDPUR** | | | |
| | **0530 hr.** | | | |
| 10.5 | 1 | 9.0 | 9.0 | 095 |
| 12.0 | 1 | 13.0 | 13.0 | 085 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JHARSUGUDA** | | | |
| | **0530 hr.** | | | |
| 10.5 | 1 | 8.0 | 8.0 | 092 |
| 12.0 | 1 | 11.0 | 11.0 | 111 |
| 14.1 | 1 | 20.0 | 20.0 | 085 |
| | **1730 hr.** | | | |
| 10.5 | 3 | 8.7 | 8.6 | 105 |
| 12.0 | 3 | 14.0 | 14.0 | 100 |
| 14.1 | 1 | 22.0 | 22.0 | 093 |
| | **JODHPUR** | | | |
| | **0530 hr.*** | | | |
| 10.5 | 10 | 4.3 | 1.6 | 062 |
| 12.0 | 9 | 5.8 | 5.3 | 073 |
| 14.1 | 5 | 8.8 | 7.9 | 096 |
| 16.2 | 4 | 15.3 | 15.0 | 086 |
| 18.0 | 2 | 22.5 | 22.4 | 078 |
| 21.0 | 1 | 18.0 | 18.0 | 066 |
| | **1730 hr.*** | | | |
| 10.5 | 11 | 5.8 | 3.5 | 095 |
| 12.0 | 5 | 7.2 | 5.9 | 110 |
| 14.1 | 1 | 3.0 | 3.0 | 135 |
| | **LUCKNOW/ AMAUSI** | | | |
| | **0530 hr.** | | | |
| 10.5 | 14 | 5.8 | 4.1 | 113 |
| 12.0 | 14 | 8.6 | 6.7 | 103 |
| 14.1 | 13 | 11.8 | 8.2 | 094 |
| 16.2 | 11 | 14.4 | 13.3 | 104 |
| 18.0 | 8 | 16.7 | 16.4 | 095 |
| 21.0 | 7 | 20.9 | 19.6 | 080 |
| 24.0 | 3 | 23.7 | 23.3 | 080 |
| 27.0 | 1 | 46.0 | 46.0 | 080 |
| | **1130 hr.** | | | |
| 10.5 | 2 | 3.5 | 2.3 | 116 |
| 12.0 | 2 | 7.0 | 6.7 | 093 |
| 14.1 | 2 | 10.5 | 10.3 | 071 |
| 16.2 | 1 | 16.0 | 16.0 | 068 |
| 18.0 | 1 | 22.0 | 22.0 | 075 |
| 21.0 | 1 | 29.0 | 29.0 | 095 |
| | **1730 hr.** | | | |
| 10.5 | 14 | 5.6 | 4.1 | 092 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **LUCKNOW/ AMAUSI (CONTD.)** | | | |
| | **1730 hr. (Contd.)** | | | |
| 12.0 | 14 | 6.4 | 5.5 | 100 |
| 14.1 | 12 | 8.4 | 7.3 | 086 |
| 16.2 | 8 | 14.3 | 13.4 | 081 |
| 18.0 | 7 | 20.0 | 15.0 | 097 |
| 21.0 | 3 | 22.3 | 22.0 | 078 |
| | **MADRAS/ MINAMBAKKAM** | | | |
| | **0530 hr.*** | | | |
| 10.5 | 30 | 13.7 | 12.7 | 091 |
| 12.0 | 30 | 19.5 | 19.0 | 086 |
| 14.1 | 25 | 31.2 | 30.8 | 083 |
| 16.2 | 14 | 33.4 | 32.8 | 090 |
| 18.0 | 5 | 28.0 | 27.4 | 091 |
| 21.0 | 1 | 20.0 | 20.0 | 093 |
| | **1130 hr.** | | | |
| 10.5 | 2 | 17.0 | 17.0 | 113 |
| | **1730 hr.*** | | | |
| 10.5 | 30 | 13.7 | 11.4 | 093 |
| 12.0 | 29 | 22.0 | 21.5 | 090 |
| 14.1 | 26 | 30.0 | 29.4 | 085 |
| 16.2 | 19 | 32.9 | 32.6 | 088 |
| 18.0 | 8 | 21.3 | 21.1 | 095 |
| 21.0 | 2 | 19.5 | 19.4 | 101 |
| | **MINICOY** | | | |
| | **0530 hr.** | | | |
| 10.5 | 1 | 13.0 | 13.0 | 090 |
| | **1130 hr.** | | | |
| 10.5 | 4 | 12.0 | 11.8 | 100 |
| 12.0 | 4 | 22.0 | 21.7 | 098 |
| 14.1 | 3 | 31.7 | 31.7 | 090 |
| 16.2 | 1 | 43.0 | 43.0 | 090 |
| | **1730 hr.*** | | | |
| 10.5 | 27 | 15.1 | 14.3 | 097 |
| 12.0 | 27 | 22.6 | 22.2 | 091 |
| 14.1 | 25 | 36.0 | 35.6 | 085 |
| 16.2 | 20 | 33.5 | 33.0 | 089 |
| 18.0 | 12 | 23.1 | 21.3 | 087 |
| 21.0 | 6 | 18.3 | 18.1 | 087 |
| 24.0 | 2 | 29.0 | 29.0 | 079 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **NAGPUR/ SONEGAON** | | | |
| | **0530 hr.*** | | | |
| 10.5 | 31 | 9.4 | 9.0 | 120 |
| 12.0 | 31 | 15.5 | 15.2 | 116 |
| 14.1 | 29 | 24.0 | 23.5 | 110 |
| 16.2 | 24 | 28.6 | 28.0 | 115 |
| 18.0 | 13 | 23.6 | 23.2 | 110 |
| 21.0 | 6 | 18.7 | 18.5 | 110 |
| | **1730 hr.*** | | | |
| 10.5 | 30 | 10.6 | 10.1 | 123 |
| 12.0 | 30 | 15.0 | 14.6 | 118 |
| 14.1 | 29 | 22.3 | 21.9 | 115 |
| 16.2 | 21 | 30.7 | 29.8 | 104 |
| 18.0 | 11 | 30.8 | 30.5 | 120 |
| 21.0 | 6 | 21.7 | 21.4 | 121 |
| 24.0 | 4 | 24.5 | 24.3 | 124 |
| | **NEW DELHI/ SAFDARJUNG** | | | |
| | **0530 hr.*** | | | |
| 10.5 | 31 | 5.0 | 2.8 | 142 |
| 12.0 | 30 | 5.9 | 3.7 | 134 |
| 14.1 | 30 | 7.9 | 4.6 | 115 |
| 16.2 | 28 | 9.4 | 6.7 | 100 |
| 18.0 | 23 | 14.0 | 13.1 | 079 |
| 21.0 | 16 | 16.1 | 16.0 | 093 |
| 24.0 | 7 | 21.4 | 21.2 | 090 |
| 27.0 | 3 | 25.7 | 25.5 | 098 |
| 30.0 | 1 | 29.0 | 29.0 | 090 |
| | **1130 hr.** | | | |
| 10.5 | 2 | 4.5 | 4.3 | 062 |
| | **1730 hr.*** | | | |
| 10.5 | 31 | 4.9 | 2.9 | 143 |
| 12.0 | 31 | 6.0 | 4.4 | 123 |
| 14.1 | 28 | 8.9 | 6.6 | 115 |
| 16.2 | 25 | 12.3 | 11.2 | 097 |
| 18.0 | 23 | 15.5 | 15.2 | 105 |
| 21.0 | 12 | 16.1 | 15.7 | 088 |
| 24.0 | 4 | 18.5 | 18.0 | 096 |
| 27.0 | 2 | 20.5 | 20.3 | 080 |

# TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 km. above sea level

AUGUST, 1966 (Sravana 10 - Bhadra 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **PORT BLAIR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 27 | 14.3 | 13.0 | 072 |
| 12.0 | 27 | 19.7 | 18.9 | 074 |
| 14.1 | 24 | 27.6 | 27.0 | 076 |
| 16.2 | 20 | 32.5 | 32.3 | 078 |
| 18.0 | 13 | 26.8 | 25.8 | 076 |
| 21.0 | 7 | 22.0 | 20.4 | 082 |
| 24.0 | 1 | 16.0 | 16.0 | 067 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 14.4 | 13.5 | 068 |
| 12.0 | 27 | 19.7 | 19.0 | 069 |
| 14.1 | 22 | 30.0 | 29.2 | 073 |
| 16.2 | 11 | 32.9 | 32.7 | 073 |
| 18.0 | 6 | 24.3 | 23.5 | 086 |
| | **RAXAUL** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 2.5 | 1.1 | 094 |
| 12.0 | 1 | 8.0 | 8.0 | 125 |
| | **SRINAGAR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 25 | 19.6 | 18.0 | 255 |
| 12.0 | 24 | 21.5 | 18.7 | 250 |
| 14.1 | 16 | 17.7 | 16.0 | 255 |
| 16.2 | 4 | 14.0 | 7.9 | 295 |
| 18.0 | 1 | 13.0 | 13.0 | 323 |
| | 1730 hr.* | | | |
| 10.5 | 25 | 17.6 | 15.6 | 255 |
| 12.0 | 23 | 16.6 | 14.7 | 255 |
| 14.1 | 10 | 13.4 | 10.9 | 255 |
| 16.2 | 3 | 4.3 | 3.8 | 015 |
| 18.0 | 3 | 7.7 | 7.3 | 100 |
| 21.0 | 1 | 11.0 | 11.0 | 085 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **TIRUCHCHIRAPPALLI** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 25.0 | 25.0 | 095 |
| | **TRIVANDRUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 14.5 | 13.3 | 093 |
| 12.0 | 31 | 21.9 | 21.8 | 088 |
| 14.1 | 28 | 32.5 | 31.6 | 082 |
| 16.2 | 23 | 25.7 | 23.3 | 084 |
| 18.0 | 15 | 13.6 | 11.5 | 083 |
| 21.0 | 5 | 13.6 | 11.5 | 075 |
| 24.0 | 1 | 24.0 | 24.0 | 095 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 14.4 | 14.0 | 093 |
| 12.0 | 31 | 22.7 | 22.4 | 086 |
| 14.1 | 28 | 32.5 | 32.1 | 085 |
| 16.2 | 20 | 29.7 | 29.3 | 088 |
| 18.0 | 14 | 16.0 | 14.7 | 084 |
| 21.0 | 3 | 15.0 | 11.3 | 099 |
| | **UDAIPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 7 | 8.3 | 7.4 | 085 |
| 12.0 | 5 | 11.4 | 11.1 | 100 |
| 14.1 | 4 | 18.5 | 17.8 | 110 |
| 16.2 | 4 | 22.3 | 21.3 | 095 |
| 18.0 | 1 | 55.0 | 55.0 | 110 |
| | 1730 hr. | | | |
| 10.5 | 3 | 11.0 | 10.6 | 098 |
| 12.0 | 1 | 13.0 | 13.0 | 080 |
| | **VERAVAL** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 6.0 | 2.9 | 122 |
| 12.0 | 2 | 11.0 | 10.9 | 105 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **VIJAYWADA GANNAVARAM** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 18.7 | 18.7 | 087 |
| 12.0 | 3 | 26.0 | 25.9 | 082 |
| 14.1 | 1 | 35.0 | 35.0 | 100 |
| 16.2 | 1 | 47.0 | 47.0 | 095 |
| | **VISHAKHAPATNAM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 11.8 | 10.4 | 076 |
| 12.0 | 28 | 16.1 | 15.3 | 078 |
| 14.1 | 21 | 23.3 | 22.3 | 081 |
| 16.2 | 15 | 28.8 | 25.7 | 078 |
| 18.0 | 9 | 26.3 | 26.2 | 084 |
| 21.0 | 6 | 21.7 | 18.0 | 070 |
| | 1130 hr. | | | |
| 10.5 | 1 | 7.0 | 7.0 | 104 |
| 12.0 | 1 | 15.0 | 15.0 | 106 |
| 14.1 | 1 | 24.0 | 24.0 | 105 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 12.0 | 11.0 | 090 |
| 12.0 | 30 | 17.3 | 16.8 | 085 |
| 14.1 | 26 | 25.7 | 24.9 | 075 |
| 16.2 | 20 | 31.7 | 31.0 | 081 |
| 18.0 | 12 | 29.1 | 28.7 | 083 |
| 21.0 | 7 | 24.7 | 24.4 | 087 |
| 24.0 | 3 | 31.0 | 30.5 | 089 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 17 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 (Volume IX)

### List of Radiosonde Stations in India

| Name of Station | Type of instrument used | Date of Starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|
| Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| Allahabad/Bamhrauli | Clock type | 1st Oct. 1944 | 00 and 12 | |
| Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.46 to 30.11.47. |
| Ernakulam | Fan type | 1st Aug. 1966 | 00 and 12 | |
| Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| Lucknow/Amausi | Clock type | 15th Aug. 1966 | 00 and 12 | |
| Madras/Mihambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| Minicoy | Fan type | 12th May. 1963 | 12 | |
| Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 22 | |
| New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| Vishakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(A) FROM ASCENTS AT 00 HRS G.M.T.

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 996 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMRAULI ( 987 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 907 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 299.5 | 301 | 298 | 296.0 | 15 | 00098 | 300.0 | 302 | 298 | 298.7 | 31 | 00921 | 293.2 | 294 | 292 | 291.7 |
| 1000 | 30 | 00021 | | | | | 14 | 00021 | | | | | 31 | 00075 | | | | |
| 900 | 30 | 00945 | 294.8 | 297 | 292 | 291.4 | 14 | 00907 | 296.3 | 299 | 293 | 294.0 | 31 | 00993 | 292.8 | 294 | 291 | 291.2 |
| 850 | 30 | 01441 | 292.6 | 297 | 289 | 288.5 | 14 | 01404 | 293.9 | 296 | 290 | 291.8 | 31 | 01485 | 291.4 | 293 | 290 | 289.5 |
| 800 | 30 | 01963 | 290.4 | 296 | 286 | 286.2 | 14 | 01929 | 292.3 | 294 | 288 | 290.6 | 31 | 02003 | 289.8 | 292 | 287 | 286.5 |
| 700 | 30 | 03096 | 285.6 | 289 | 281 | 279.7 | 14 | 03062 | 285.8 | 289 | 281 | 284.0 | 31 | 03129 | 284.5 | 288 | 281 | 279.8 |
| 600 | 30 | 04375 | 278.4 | 281 | 274 | 270.8 | 14 | 04347 | 280.4 | 283 | 276 | 276.0 | 31 | 04402 | 277.8 | 281 | 275 | 273.6 |
| 500 | 30 | 05848 | 272.2 | 275 | 270 | 263.0 | 13 | 05827 | 272.6 | 275 | 268 | 271.3 | 30 | 05867 | 270.0 | 273 | 265 | |
| 400 | 30 | 07599 | 262.1 | 267 | 260 | | 12 | 07583 | 263.7 | 266 | 257 | | 30 | 07601 | 259.5 | 264 | 256 | |
| 300 | 29 | 09757 | 247.9 | 255 | 243 | | 10 | 09768 | 251.8 | 255 | 249 | | 30 | 09733 | 244.8 | 252 | 238 | |
| 250 | 29 | 11057 | 238.3 | 244 | 233 | | 10 | 11092 | 242.7 | 248 | 231 | | 30 | 11018 | 235.8 | 244 | 227 | |
| 200 | 29 | 12581 | 227.0 | 235 | 221 | | 10 | 12645 | 231.1 | 237 | 227 | | 30 | 12521 | 224.2 | 230 | 216 | |
| 175 | 27 | 13456 | 220.0 | 229 | 213 | | 09 | 13551 | 224.3 | 232 | 220 | | 26 | 13373 | 218.5 | 224 | 213 | |
| 150 | 25 | 14426 | 212.7 | 223 | 204 | | 08 | 14533 | 217.3 | 227 | 213 | | 26 | 14371 | 212.0 | 218 | 204 | |
| 125 | 22 | 15532 | 205.3 | 216 | 198 | | 07 | 15657 | 205.7 | 211 | 205 | | 25 | 15470 | 205.7 | 212 | 199 | |
| 100 | 18 | 16855 | 199.6 | 206 | 191 | | 05 | 17010 | 201.8 | 207 | 198 | | 24 | 16818 | 201.0 | 210 | 194 | |
| 80 | 17 | 18161 | 203.0 | 212 | 195 | | 05 | 18351 | 200.0 | 207 | 196 | | 20 | 18192 | 207.3 | 215 | 199 | |
| 70 | 14 | 18941 | 206.4 | 214 | 199 | | | | | | | | 19 | 19003 | 211.1 | 219 | 201 | |
| 60 | 12 | 19892 | 210.6 | 217 | 203 | | | | | | | | 17 | 19949 | 213.8 | 221 | 202 | |
| 50 | 12 | 21021 | 214.7 | 221 | 207 | | | | | | | | 15 | 21043 | 218.3 | 226 | 212 | |
| 40 | 09 | 22466 | 219.6 | 228 | 215 | | | | | | | | 10 | 22511 | 221.2 | 229 | 215 | |
| 30 | | | | | | | | | | | | | 05 | 24373 | 224.8 | 232 | 218 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUM DUM ( 997 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 299.1 | 300 | 297 | 296.8 | 31 | 00006 | 300.1 | 301 | 299 | 298.6 | 31 | 00003 | 298.7 | 300 | 298 | 297.0 |
| 1000 | 31 | 00042 | 299.1 | 301 | 297 | 296.7 | 31 | 00007 | 300.3 | 301 | 299 | 299.1 | 31 | 00070 | 298.7 | 300 | 297 | 296.4 |
| 900 | 31 | 00963 | 294.1 | 296 | 291 | 290.9 | 31 | 00936 | 295.9 | 299 | 294 | 293.5 | 31 | 00993 | 293.2 | 295 | 291 | 291.2 |
| 850 | 31 | 01457 | 291.4 | 294 | 287 | 288.4 | 31 | 01434 | 293.2 | 295 | 291 | 290.1 | 31 | 01484 | 290.7 | 293 | 287 | 288.2 |
| 800 | 31 | 01975 | 288.2 | 293 | 283 | 285.6 | 31 | 01957 | 290.1 | 293 | 288 | 288.4 | 31 | 02004 | 288.0 | 290 | 285 | 285.4 |
| 700 | 31 | 03098 | 284.3 | 289 | 279 | 277.9 | 31 | 03092 | 285.1 | 289 | 282 | 281.9 | 31 | 03126 | 283.0 | 285 | 280 | 279.1 |
| 600 | 31 | 04371 | 278.1 | 283 | 275 | 270.1 | 31 | 04374 | 279.0 | 283 | 275 | 275.8 | 31 | 04392 | 275.5 | 279 | 273 | 273.0 |
| 500 | 31 | 05841 | 271.0 | 274 | 267 | 264.4 | 31 | 05852 | 271.7 | 276 | 266 | 267.5 | 31 | 05852 | 267.9 | 273 | 263 | |
| 400 | 31 | 07583 | 261.5 | 266 | 254 | | 31 | 07602 | 262.5 | 267 | 256 | | 31 | 07572 | 257.0 | 261 | 253 | |
| 300 | 31 | 09733 | 247.5 | 252 | 243 | | 31 | 09751 | 248.9 | 255 | 243 | | 31 | 09679 | 242.3 | 248 | 238 | |
| 250 | 31 | 11029 | 238.0 | 242 | 233 | | 31 | 11069 | 240.0 | 247 | 233 | | 31 | 10951 | 233.2 | 240 | 228 | |
| 200 | 31 | 12552 | 225.6 | 230 | 216 | | 30 | 12603 | 228.9 | 237 | 221 | | 31 | 12440 | 220.9 | 227 | 216 | |
| 175 | 28 | 13417 | 219.2 | 225 | 211 | | 30 | 13489 | 222.5 | 232 | 215 | | 31 | 13291 | 214.5 | 221 | 209 | |
| 150 | 28 | 14406 | 212.3 | 219 | 203 | | 30 | 14472 | 215.3 | 225 | 207 | | 31 | 14254 | 208.0 | 214 | 202 | |
| 125 | 26 | 15509 | 204.9 | 215 | 193 | | 29 | 15574 | 208.0 | 217 | 200 | | 30 | 15337 | 201.2 | 209 | 195 | |
| 100 | 26 | 16817 | 199.4 | 208 | 188 | | 28 | 16942 | 201.2 | 211 | 190 | | 27 | 16650 | 199.5 | 206 | 193 | |
| 80 | 20 | 18138 | 203.5 | 214 | 191 | | 23 | 18253 | 201.7 | 213 | 191 | | 21 | 17957 | 204.0 | 210 | 193 | |
| 70 | 16 | 19000 | 209.1 | 217 | 203 | | 21 | 19033 | 207.2 | 216 | 195 | | 18 | 18782 | 207.0 | 213 | 198 | |
| 60 | 14 | 19964 | 213.4 | 220 | 208 | | 19 | 19973 | 210.1 | 218 | 198 | | 15 | 19714 | 210.8 | 217 | 206 | |
| 50 | 13 | 21112 | 216.8 | 225 | 209 | | 16 | 21113 | 214.9 | 221 | 203 | | 12 | 20860 | 213.9 | 219 | 209 | |
| 40 | 08 | 22563 | 220.1 | 227 | 215 | | 09 | 22596 | 220.7 | 225 | 214 | | 10 | 22247 | 217.6 | 222 | 211 | |
| 30 | | | | | | | | | | | | | 07 | 24106 | 221.1 | 226 | 216 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | GAUHATI SURFACE PR ( 996 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | JODHPUR ( 974 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 986 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00049 | 299.4 | 303 | 296 | 297.9 | 31 | 00217 | 299.5 | 301 | 297 | 294.5 | 17 | 00127 | 306.2 | 305 | 299 | 297.6 |
| 1000 | 21 | 00021 | | | | | 31 | 00025 | | | | | 15 | 00017 | | | | |
| 900 | 21 | 00946 | 296.0 | 299 | 294 | 293.2 | 31 | 00897 | 296.0 | 301 | 291 | 291.3 | 15 | 00945 | 298.1 | 301 | 295 | 293.2 |
| 850 | 21 | 01442 | 293.9 | 297 | 290 | 290.8 | 31 | 01393 | 294.3 | 299 | 289 | 288.9 | 15 | 01444 | 295.3 | 298 | 292 | 289.6 |
| 800 | 21 | 01965 | 291.1 | 294 | 288 | 288.7 | 31 | 01917 | 292.5 | 297 | 287 | 285.6 | 15 | 01969 | 292.2 | 295 | 290 | 286.7 |
| 700 | 21 | 03098 | 285.8 | 289 | 284 | 283.3 | 31 | 03049 | 285.5 | 289 | 281 | 278.3 | 15 | 03106 | 286.7 | 290 | 282 | 280.5 |
| 600 | 21 | 04379 | 279.7 | 283 | 276 | 276.2 | 28 | 04324 | 277.6 | 283 | 273 | 269.5 | 15 | 04390 | 280.3 | 283 | 278 | 273.1 |
| 500 | 21 | 05852 | 272.2 | 276 | 269 | 267.7 | 21 | 05795 | 271.2 | 275 | 267 | | 15 | 05856 | 272.5 | 275 | 270 | 260.7 |
| 400 | 20 | 07614 | 263.1 | 266 | 260 | | 14 | 07540 | 262.3 | 266 | 259 | | 15 | 07609 | 264.7 | 269 | 259 | |
| 300 | 19 | 09782 | 250.4 | 255 | 244 | | 10 | 09704 | 248.8 | 252 | 245 | | 13 | 09791 | 248.5 | 253 | 242 | |
| 250 | 19 | 11098 | 241.0 | 247 | 233 | | 09 | 11016 | 239.7 | 244 | 235 | | 13 | 11003 | 239.7 | 246 | 234 | |
| 200 | 19 | 12642 | 229.9 | 237 | 221 | | 08 | 12541 | 228.3 | 235 | 224 | | 13 | 12635 | 229.7 | 234 | 219 | |
| 175 | 18 | 13528 | 222.8 | 232 | 212 | | | | | | | | 11 | 13519 | 222.7 | 228 | 211 | |
| 150 | 17 | 14508 | 215.4 | 224 | 204 | | | | | | | | 11 | 14484 | 213.0 | 222 | 203 | |
| 125 | 16 | 15616 | 208.8 | 215 | 199 | | | | | | | | 11 | 15618 | 205.4 | 215 | 195 | |
| 100 | 13 | 17006 | 203.6 | 214 | 199 | | | | | | | | 11 | 16927 | 199.7 | 205 | 193 | |
| 80 | 10 | 18341 | 202.2 | 207 | 194 | | | | | | | | 09 | 18267 | 203.2 | 212 | 197 | |
| 70 | 09 | 19112 | 206.4 | 213 | 199 | | | | | | | | 08 | 19114 | 208.7 | 217 | 201 | |
| 60 | 09 | 20058 | 210.8 | 215 | 204 | | | | | | | | 07 | 20006 | 212.3 | 223 | 205 | |
| 50 | 07 | 21204 | 214.1 | 223 | 205 | | | | | | | | 07 | 21217 | 217.6 | 227 | 210 | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(A) FROM ASCENTS AT 00 HRS G.M.T.

AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1003 MB) | | | | | | NAGPUR/SONEGAON ( 967 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 975 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00015 | 299.4 | 305 | 295 | 296.8 | 31 | 00311 | 297.4 | 299 | 296 | 296.1 | 31 | 00209 | 300.1 | 302 | 299 | 297.3 |
| 1000 | 31 | 00045 | 299.0 | 301 | 295 | 296.2 | 31 | 00019 | | | | | 31 | 00014 | | | | |
| 900 | 31 | 00971 | 296.0 | 299 | 293 | 290.7 | 31 | 00947 | 295.6 | 299 | 292 | 292.5 | 31 | 00917 | 297.5 | 301 | 295 | 293.1 |
| 850 | 31 | 01469 | 293.0 | 296 | 290 | 288.5 | 31 | 01444 | 292.3 | 297 | 289 | 290.1 | 31 | 01417 | 295.0 | 298 | 293 | 290.4 |
| 800 | 31 | 01990 | 289.6 | 293 | 286 | 285.5 | 31 | 01964 | 289.6 | 293 | 286 | 287.5 | 31 | 01942 | 292.2 | 296 | 290 | 287.7 |
| 700 | 31 | 03116 | 283.4 | 286 | 281 | 279.9 | 31 | 03096 | 284.2 | 289 | 280 | 281.2 | 31 | 03078 | 285.7 | 288 | 283 | 280.5 |
| 600 | 31 | 04353 | 276.6 | 279 | 274 | 272.7 | 31 | 04373 | 277.9 | 281 | 273 | 274.3 | 31 | 04359 | 278.9 | 281 | 274 | 273.2 |
| 500 | 31 | 05845 | 268.8 | 272 | 265 | | 31 | 05844 | 271.1 | 275 | 265 | 267.3 | 31 | 05835 | 272.3 | 276 | 270 | 262.1 |
| 400 | 31 | 07573 | 258.9 | 263 | 255 | | 31 | 07585 | 261.0 | 265 | 257 | | 31 | 07591 | 263.2 | 266 | 259 | |
| 300 | 31 | 09697 | 244.3 | 249 | 239 | | 31 | 09732 | 247.1 | 251 | 243 | | 31 | 09755 | 249.9 | 253 | 243 | |
| 250 | 31 | 10982 | 234.6 | 240 | 228 | | 31 | 11028 | 237.5 | 243 | 233 | | 31 | 11064 | 240.2 | 244 | 233 | |
| 200 | 31 | 12478 | 221.6 | 229 | 216 | | 31 | 12544 | 226.0 | 234 | 219 | | 30 | 12598 | 228.6 | 233 | 221 | |
| 175 | 31 | 13333 | 216.3 | 223 | 210 | | 29 | 13424 | 219.8 | 229 | 214 | | 30 | 13478 | 221.8 | 227 | 214 | |
| 150 | 31 | 14299 | 209.4 | 216 | 202 | | 29 | 14403 | 212.7 | 224 | 207 | | 30 | 14461 | 214.3 | 221 | 205 | |
| 125 | 28 | 15385 | 202.6 | 209 | 195 | | 28 | 15516 | 206.5 | 215 | 199 | | 28 | 15574 | 205.6 | 214 | 195 | |
| 100 | 27 | 16725 | 200.1 | 212 | 189 | | 24 | 16868 | 205.4 | 209 | 194 | | 28 | 16891 | 199.2 | 206 | 193 | |
| 80 | 14 | 18033 | 205.8 | 213 | 199 | | 15 | 18236 | 206.9 | 216 | 194 | | 24 | 18208 | 205.5 | 208 | 196 | |
| 70 | 12 | 18843 | 211.5 | 219 | 205 | | 10 | 19023 | 211.8 | 223 | 200 | | 23 | 19008 | 204.6 | 212 | 193 | |
| 60 | 10 | 19787 | 214.2 | 227 | 208 | | 09 | 19960 | 214.4 | 222 | 205 | | 20 | 19951 | 208.9 | 217 | 203 | |
| 50 | 09 | 20930 | 217.1 | 224 | 213 | | 07 | 21007 | 216.7 | 221 | 209 | | 17 | 21112 | 213.7 | 221 | 205 | |
| 40 | 06 | 22336 | 220.7 | 227 | 215 | | | | | | | | 15 | 22531 | 218.2 | 227 | 208 | |
| 30 | | | | | | | | | | | | | 07 | 24360 | 222.9 | 230 | 218 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 998 MB) | | | | | | SRINAGAR ( 834 MB) | | | | | | TRIVANDRUM ( 1000 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00079 | 298.5 | 300 | 297 | 297.3 | 28 | 01588 | 291.4 | 297 | 286 | 289.8 | 31 | 00064 | 297.8 | 299 | 297 | 296.4 |
| 1000 | 31 | 00060 | | | | | 28 | 00018 | | | | | 31 | 00068 | 297.7 | 299 | 297 | 296.5 |
| 900 | 30 | 00980 | 294.2 | 296 | 291 | 291.9 | 28 | 00937 | | | | | 31 | 00989 | 293.5 | 297 | 291 | 290.6 |
| 850 | 30 | 01473 | 291.3 | 294 | 287 | 288.9 | 28 | 01429 | | | | | 31 | 01483 | 291.3 | 295 | 288 | 288.0 |
| 800 | 30 | 01992 | 288.6 | 291 | 284 | 286.5 | 28 | 01948 | 290.3 | 293 | 286 | 287.1 | 31 | 02002 | 289.0 | 293 | 285 | 280.6 |
| 700 | 30 | 03116 | 283.6 | 286 | 280 | 280.6 | 28 | 03074 | 284.2 | 287 | 282 | 281.6 | 31 | 03128 | 283.7 | 287 | 280 | 277.6 |
| 600 | 30 | 04384 | 276.8 | 281 | 273 | 274.2 | 27 | 04343 | 276.5 | 280 | 272 | 273.9 | 31 | 04398 | 276.5 | 280 | 272 | 272.6 |
| 500 | 30 | 05843 | 268.9 | 273 | 262 | | 27 | 05802 | 268.8 | 274 | 265 | | 31 | 05858 | 269.1 | 271 | 264 | |
| 400 | 29 | 07571 | 258.6 | 265 | 251 | | 26 | 07532 | 260.2 | 265 | 257 | | 31 | 07586 | 259.1 | 264 | 255 | |
| 300 | 29 | 09693 | 244.2 | 254 | 238 | | 25 | 09678 | 248.2 | 251 | 245 | | 31 | 09710 | 243.3 | 247 | 237 | |
| 250 | 26 | 10986 | 235.0 | 242 | 230 | | 25 | 10984 | 240.1 | 245 | 235 | | 31 | 10989 | 234.3 | 239 | 227 | |
| 200 | 26 | 12490 | 224.3 | 234 | 219 | | 24 | 12520 | 230.0 | 234 | 224 | | 30 | 12482 | 222.0 | 229 | 215 | |
| 175 | 23 | 13337 | 218.6 | 228 | 213 | | 19 | 13424 | 223.9 | 229 | 217 | | 29 | 13328 | 216.0 | 221 | 209 | |
| 150 | 21 | 14316 | 212.2 | 223 | 206 | | 16 | 14420 | 215.7 | 223 | 210 | | 29 | 14299 | 209.8 | 217 | 203 | |
| 125 | 20 | 15477 | 205.8 | 216 | 200 | | 14 | 15570 | 210.3 | 215 | 205 | | 24 | 15384 | 203.5 | 210 | 197 | |
| 100 | 18 | 16754 | 202.7 | 216 | 196 | | 13 | 16910 | 207.0 | 210 | 203 | | 22 | 16734 | 203.6 | 211 | 195 | |
| 80 | 15 | 18084 | 207.0 | 218 | 196 | | 10 | 18240 | 209.3 | 214 | 205 | | 19 | 18065 | 207.5 | 216 | 197 | |
| 70 | 14 | 18879 | 209.7 | 218 | 196 | | 08 | 19108 | 212.6 | 217 | 206 | | 16 | 18885 | 209.7 | 216 | 199 | |
| 60 | 09 | 19853 | 213.0 | 221 | 208 | | 07 | 20079 | 216.3 | 220 | 212 | | 13 | 19843 | 214.2 | 219 | 202 | |
| 50 | 09 | 21023 | 217.2 | 226 | 212 | | | | | | | | 12 | 21017 | 218.8 | 224 | 209 | |
| 40 | | | | | | | | | | | | | 07 | 22402 | 222.7 | 227 | 212 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | VISAKHAPATNAM SURFACE PR ( 998 MB) | | | | | | ( 0 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00041 | 300.2 | 302 | 298 | 298.0 | | | | | | | | | | | | |
| 1000 | 31 | 00023 | 300.4 | 302 | 299 | 297.4 | | | | | | | | | | | | |
| 900 | 30 | 00955 | 296.6 | 300 | 292 | 292.3 | | | | | | | | | | | | |
| 850 | 30 | 01454 | 293.9 | 297 | 291 | 290.4 | | | | | | | | | | | | |
| 800 | 30 | 01978 | 290.8 | 294 | 287 | 287.9 | | | | | | | | | | | | |
| 700 | 30 | 03108 | 284.6 | 289 | 281 | 281.7 | | | | | | | | | | | | |
| 600 | 30 | 04384 | 278.2 | 283 | 272 | 274.6 | | | | | | | | | | | | |
| 500 | 30 | 05855 | 271.4 | 275 | 265 | 267.2 | | | | | | | | | | | | |
| 400 | 29 | 07599 | 260.8 | 266 | 254 | | | | | | | | | | | | | |
| 300 | 29 | 09738 | 245.6 | 251 | 239 | | | | | | | | | | | | | |
| 250 | 29 | 11032 | 236.7 | 244 | 228 | | | | | | | | | | | | | |
| 200 | 28 | 12554 | 225.1 | 231 | 219 | | | | | | | | | | | | | |
| 175 | 24 | 13414 | 219.8 | 225 | 212 | | | | | | | | | | | | | |
| 150 | 22 | 14413 | 214.3 | 221 | 202 | | | | | | | | | | | | | |
| 125 | 18 | 15517 | 207.8 | 214 | 197 | | | | | | | | | | | | | |
| 100 | 18 | 16885 | 202.9 | 211 | 196 | | | | | | | | | | | | | |
| 80 | 15 | 18254 | 205.5 | 215 | 199 | | | | | | | | | | | | | |
| 70 | 14 | 19070 | 208.9 | 219 | 202 | | | | | | | | | | | | | |
| 60 | 13 | 20128 | 211.5 | 222 | 205 | | | | | | | | | | | | | |
| 50 | 11 | 21126 | 214.5 | 220 | 209 | | | | | | | | | | | | | |
| 40 | 06 | 22533 | 217.8 | 223 | 214 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(B) FROM ASCENTS AT 12 HRS G.M.T.
AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 995 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ALLAHABAD/BAMRAULI ( 986 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 905 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00055 | 306.2 | 309 | 301 | 294.8 | 14 | 00098 | 302.3 | 305 | 299 | 299.2 | 31 | 00921 | 299.9 | 304 | 293 | 292.1 |
| 1000 | 31 | 00008 | | | | | 12 | 00025 | | | | | 31 | 00043 | | | | |
| 900 | 31 | 00949 | 298.6 | 302 | 295 | 290.8 | 12 | 00909 | 298.1 | 302 | 295 | 295.7 | 31 | 00980 | 299.6 | 303 | 293 | 291.4 |
| 850 | 31 | 01448 | 294.6 | 298 | 292 | 288.5 | 12 | 01409 | 295.3 | 298 | 293 | 293.2 | 31 | 01481 | 296.6 | 301 | 293 | 289.7 |
| 800 | 31 | 01972 | 291.1 | 294 | 288 | 286.0 | 12 | 01935 | 293.1 | 295 | 291 | 291.1 | 31 | 02005 | 292.0 | 296 | 289 | 288.0 |
| 700 | 31 | 03105 | 286.2 | 290 | 283 | 278.5 | 12 | 03074 | 287.3 | 290 | 285 | 285.5 | 31 | 03137 | 284.5 | 289 | 281 | 281.6 |
| 600 | 31 | 04386 | 279.1 | 285 | 275 | 269.3 | 10 | 04366 | 281.7 | 284 | 279 | 278.6 | 31 | 04410 | 278.7 | 282 | 275 | 274.3 |
| 500 | 31 | 05865 | 273.2 | 278 | 269 | 259.6 | 10 | 05844 | 274.0 | 277 | 271 | 271.7 | 31 | 05882 | 271.1 | 273 | 268 | 267.5 |
| 400 | 31 | 07625 | 263.6 | 269 | 260 | | 10 | 07619 | 264.7 | 267 | 262 | | 31 | 07623 | 261.0 | 267 | 255 | |
| 300 | 31 | 09792 | 249.5 | 256 | 243 | | 10 | 09802 | 252.7 | 256 | 249 | | 30 | 09761 | 245.3 | 249 | 240 | |
| 250 | 30 | 11073 | 240.0 | 247 | 232 | | 10 | 11318 | 244.6 | 248 | 239 | | 30 | 11050 | 236.6 | 241 | 231 | |
| 200 | 29 | 12634 | 228.0 | 237 | 219 | | 10 | 12694 | 233.2 | 237 | 228 | | 30 | 12557 | 224.0 | 229 | 219 | |
| 175 | 27 | 13505 | 221.1 | 231 | 211 | | 10 | 13578 | 226.5 | 233 | 220 | | 30 | 13415 | 218.2 | 224 | 213 | |
| 150 | 26 | 14571 | 213.7 | 223 | 202 | | 09 | 14587 | 219.5 | 228 | 213 | | 27 | 14415 | 212.0 | 218 | 205 | |
| 125 | 23 | 15623 | 206.2 | 216 | 198 | | 09 | 15737 | 210.0 | 214 | 206 | | 25 | 15496 | 205.2 | 211 | 198 | |
| 100 | 22 | 16932 | 200.0 | 209 | 194 | | 08 | 17069 | 201.1 | 206 | 195 | | 24 | 16830 | 199.9 | 208 | 193 | |
| 80 | 20 | 18266 | 202.6 | 212 | 195 | | 06 | 18405 | 199.3 | 207 | 193 | | 24 | 18182 | 205.3 | 215 | 198 | |
| 70 | 16 | 19051 | 206.6 | 215 | 200 | | 06 | 19295 | 201.0 | 206 | 194 | | 22 | 18999 | 208.8 | 221 | 199 | |
| 60 | 14 | 19999 | 211.1 | 220 | 205 | | 05 | 20159 | 206.6 | 213 | 201 | | 21 | 19939 | 212.4 | 224 | 201 | |
| 50 | 12 | 21169 | 214.9 | 223 | 210 | | 05 | 21266 | 209.4 | 215 | 204 | | 18 | 21051 | 214.7 | 226 | 202 | |
| 40 | 08 | 22625 | 219.0 | 226 | 215 | | | | | | | | 11 | 22423 | 217.5 | 227 | 203 | |
| 30 | 05 | 24501 | 222.4 | 225 | 220 | | | | | | | | 06 | 24306 | 222.5 | 228 | 218 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | BOMBAY/SANTACRUZ SURFACE PR ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | CALCUTTA/DUM DUM ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00013 | 301.3 | 303 | 297 | 297.2 | 31 | 00006 | 302.3 | 305 | 299 | 299.1 | 31 | 00003 | 301.7 | 303 | 300 | 297.4 |
| 1000 | 31 | 00040 | 301.2 | 302 | 297 | 296.8 | 31 | 00007 | 302.3 | 305 | 300 | 299.0 | 31 | 00060 | 301.4 | 303 | 299 | 296.9 |
| 900 | 31 | 00965 | 294.0 | 297 | 292 | 291.8 | 31 | 00927 | 296.8 | 299 | 293 | 294.3 | 31 | 00956 | 294.0 | 297 | 291 | 291.6 |
| 850 | 31 | 01460 | 291.4 | 294 | 289 | 289.3 | 31 | 01427 | 294.4 | 299 | 289 | 291.3 | 31 | 01483 | 291.5 | 294 | 289 | 289.1 |
| 800 | 31 | 01980 | 288.7 | 292 | 285 | 286.8 | 31 | 01952 | 291.4 | 294 | 287 | 288.5 | 31 | 02002 | 288.5 | 291 | 285 | 285.9 |
| 700 | 31 | 03106 | 285.0 | 289 | 281 | 280.5 | 31 | 03088 | 285.9 | 290 | 283 | 281.7 | 31 | 03126 | 283.3 | 288 | 281 | 279.4 |
| 600 | 31 | 04381 | 278.8 | 281 | 275 | 272.2 | 31 | 04372 | 279.8 | 283 | 277 | 274.9 | 31 | 04395 | 276.5 | 279 | 273 | 273.9 |
| 500 | 31 | 05856 | 271.2 | 275 | 267 | | 31 | 05853 | 272.1 | 277 | 269 | 268.7 | 31 | 05856 | 269.4 | 272 | 266 | |
| 400 | 31 | 07600 | 261.3 | 266 | 257 | | 31 | 07604 | 262.3 | 268 | 260 | | 30 | 07585 | 258.6 | 263 | 255 | |
| 300 | 31 | 09747 | 246.7 | 251 | 243 | | 31 | 09765 | 248.9 | 256 | 243 | | 29 | 09708 | 243.2 | 249 | 240 | |
| 250 | 31 | 11042 | 237.4 | 244 | 233 | | 31 | 11071 | 239.4 | 249 | 233 | | 29 | 10984 | 233.9 | 237 | 231 | |
| 200 | 31 | 12557 | 225.6 | 232 | 221 | | 30 | 12595 | 227.9 | 236 | 220 | | 29 | 12476 | 221.7 | 225 | 217 | |
| 175 | 29 | 13423 | 219.1 | 226 | 214 | | 30 | 13474 | 221.0 | 227 | 212 | | 29 | 13326 | 214.9 | 219 | 210 | |
| 150 | 28 | 14400 | 211.8 | 220 | 205 | | 29 | 14458 | 213.2 | 222 | 204 | | 28 | 14291 | 208.1 | 212 | 203 | |
| 125 | 27 | 15503 | 203.6 | 212 | 198 | | 29 | 15582 | 205.1 | 214 | 197 | | 28 | 15379 | 200.9 | 207 | 197 | |
| 100 | 23 | 16793 | 200.2 | 206 | 194 | | 29 | 16901 | 199.5 | 208 | 190 | | 26 | 16693 | 199.0 | 208 | 192 | |
| 80 | 20 | 18132 | 205.9 | 218 | 197 | | 24 | 18220 | 201.9 | 215 | 195 | | 23 | 18009 | 203.8 | 214 | 197 | |
| 70 | 18 | 18931 | 211.2 | 223 | 203 | | 22 | 19035 | 205.0 | 216 | 197 | | 22 | 18799 | 206.9 | 212 | 201 | |
| 60 | 11 | 19924 | 217.0 | 232 | 209 | | 20 | 19955 | 208.7 | 217 | 203 | | 20 | 19732 | 210.1 | 217 | 204 | |
| 50 | 05 | 21067 | 218.8 | 225 | 211 | | 19 | 21091 | 213.2 | 220 | 208 | | 18 | 20882 | 213.7 | 219 | 208 | |
| 40 | | | | | | | 09 | 22501 | 217.5 | 224 | 206 | | 14 | 22291 | 216.4 | 222 | 209 | |
| 30 | | | | | | | | | | | | | 09 | 24136 | 220.9 | 233 | 214 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | GAUHATI SURFACE PR ( 994 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | JODHPUR ( 973 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 985 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00049 | 302.5 | 305 | 296 | 298.5 | 31 | 00217 | 305.0 | 308 | 299 | 295.4 | 17 | 00127 | 305.2 | 308 | 301 | 298.9 |
| 1000 | 22 | 00005 | | | | | 31 | 00033 | | | | | 16 | 00003 | | | | |
| 900 | 22 | 00929 | 298.0 | 301 | 294 | 294.3 | 31 | 00902 | 299.6 | 304 | 294 | 291.5 | 16 | 00940 | 299.3 | 303 | 295 | 293.6 |
| 850 | 22 | 01428 | 295.4 | 299 | 293 | 291.3 | 31 | 01402 | 296.1 | 300 | 291 | 289.3 | 16 | 01435 | 295.9 | 298 | 293 | 290.9 |
| 800 | 22 | 01953 | 292.5 | 296 | 290 | 289.5 | 31 | 01928 | 292.6 | 298 | 288 | 286.1 | 16 | 01966 | 292.7 | 295 | 290 | 287.6 |
| 700 | 22 | 03090 | 286.8 | 290 | 284 | 282.9 | 31 | 03065 | 287.2 | 294 | 282 | 276.0 | 16 | 03105 | 286.1 | 289 | 279 | 279.5 |
| 600 | 21 | 04378 | 281.4 | 284 | 279 | 276.3 | 28 | 04349 | 279.6 | 289 | 273 | 269.1 | 16 | 04381 | 279.5 | 282 | 273 | 271.9 |
| 500 | 21 | 05861 | 273.1 | 278 | 270 | 268.3 | 22 | 05832 | 273.1 | 279 | 264 | 261.3 | 16 | 05892 | 273.2 | 277 | 269 | |
| 400 | 21 | 07620 | 263.9 | 269 | 261 | | 16 | 07589 | 263.8 | 270 | 255 | | 16 | 07618 | 262.7 | 267 | 257 | |
| 300 | 21 | 09794 | 250.3 | 255 | 245 | | 14 | 09745 | 249.4 | 255 | 241 | | 14 | 09788 | 248.9 | 253 | 245 | |
| 250 | 20 | 11106 | 240.7 | 247 | 235 | | 07 | 11044 | 241.3 | 247 | 235 | | 14 | 10890 | 239.9 | 243 | 235 | |
| 200 | 20 | 12645 | 229.1 | 236 | 220 | | 05 | 12608 | 231.6 | 236 | 226 | | 14 | 12619 | 227.2 | 232 | 223 | |
| 175 | 18 | 13518 | 221.0 | 228 | 212 | | | | | | | | 13 | 13494 | 220.9 | 227 | 215 | |
| 150 | 17 | 14511 | 212.6 | 221 | 207 | | | | | | | | 13 | 14473 | 214.0 | 220 | 208 | |
| 125 | 14 | 15615 | 204.8 | 214 | 200 | | | | | | | | 09 | 15602 | 206.1 | 211 | 200 | |
| 100 | 13 | 16965 | 198.7 | 207 | 191 | | | | | | | | 08 | 16924 | 199.0 | 203 | 194 | |
| 80 | 11 | 18298 | 199.5 | 203 | 193 | | | | | | | | 08 | 18182 | 201.6 | 205 | 194 | |
| 70 | 09 | 19113 | 202.2 | 209 | 198 | | | | | | | | 08 | 19026 | 205.5 | 211 | 199 | |
| 60 | 08 | 19995 | 206.2 | 215 | 201 | | | | | | | | 07 | 19959 | 210.9 | 217 | 206 | |
| 50 | 07 | 21121 | 210.3 | 218 | 204 | | | | | | | | 07 | 21088 | 211.7 | 219 | 200 | |
| 40 | | | | | | | | | | | | | 05 | 22563 | 220.8 | 227 | 214 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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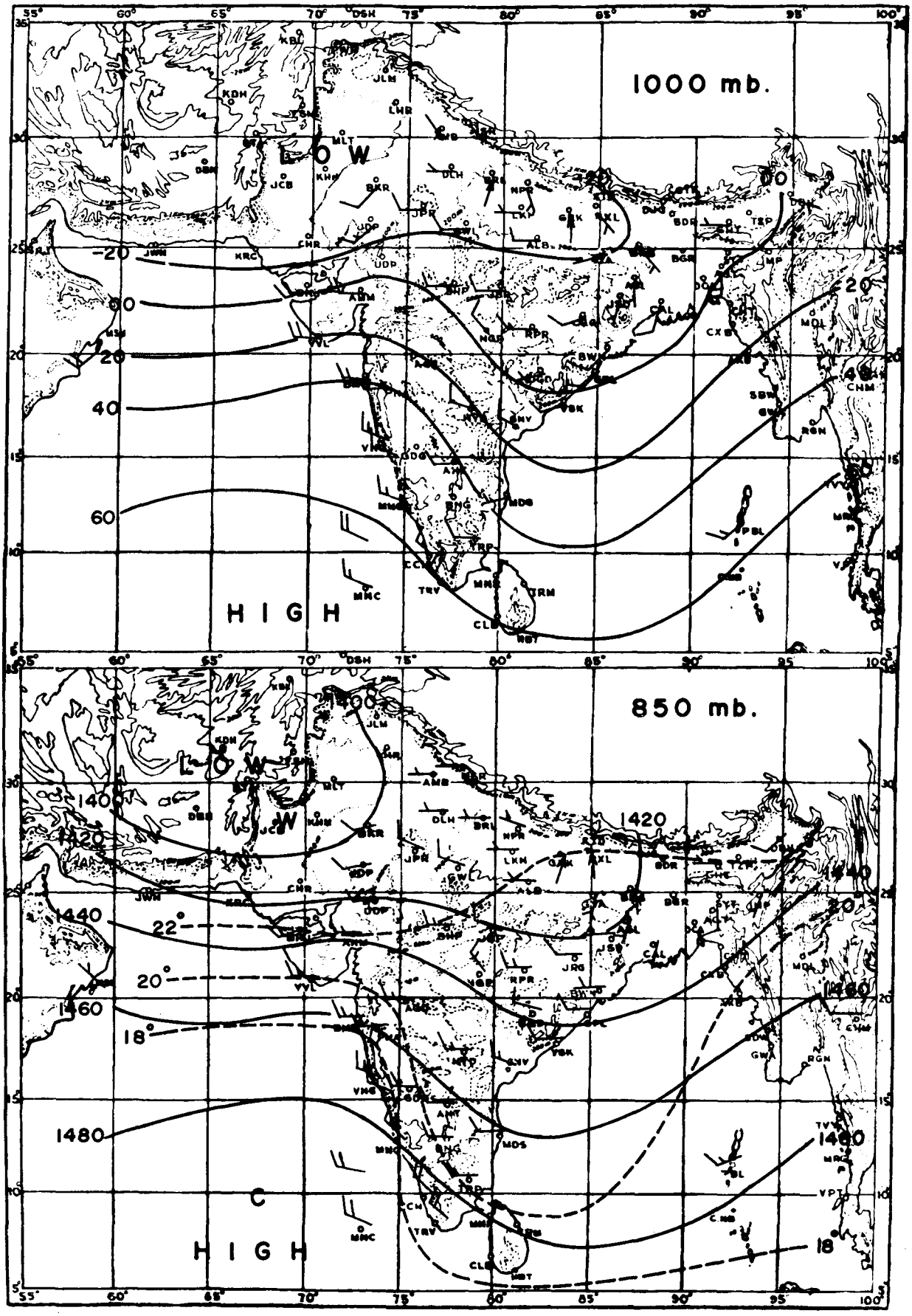
RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES
(B) FROM ASCENTS AT 12 HRS G.M.T.
AUGUST,1966. (SRAVANA 10 - BHADRA 9,1888SAKA)

| STANDARD PRESSURE SURFACE MB | MADRAS/MINAMBAKKAM SURFACE PR ( 1001 MB) | | | | | | MINICOY ( 1008 MB) | | | | | | NAGPUR/SONEGAON ( 966 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00015 | 303.8 | 307 | 299 | 298.5 | 31 | 00002 | 301.7 | 303 | 299 | 297.4 | 31 | 00311 | 302.7 | 306 | 297 | 296.2 |
| 1000 | 31 | 00027 | 303.3 | 305 | 299 | 298.3 | 31 | 00071 | 300.7 | 303 | 297 | 296.6 | 31 | 00001 | | | | |
| 900 | 31 | 00960 | 297.2 | 301 | 293 | 291.1 | 31 | 00994 | 293.3 | 296 | 291 | 290.3 | 31 | 00939 | 297.6 | 301 | 293 | 293.4 |
| 850 | 31 | 01459 | 293.7 | 298 | 289 | 289.1 | 31 | 01487 | 290.6 | 293 | 289 | 287.1 | 31 | 01439 | 294.1 | 297 | 291 | 291.5 |
| 800 | 31 | 01981 | 290.5 | 295 | 287 | 286.5 | 31 | 02004 | 287.4 | 291 | 285 | 283.2 | 31 | 01963 | 290.7 | 293 | 288 | 288.9 |
| 700 | 31 | 03110 | 284.3 | 289 | 280 | 279.8 | 31 | 03123 | 282.2 | 285 | 280 | 276.1 | 31 | 03093 | 285.0 | 287 | 281 | 283.2 |
| 600 | 31 | 04382 | 277.6 | 281 | 275 | 271.9 | 31 | 04387 | 275.4 | 279 | 271 | 270.8 | 31 | 04376 | 278.8 | 282 | 273 | 276.4 |
| 500 | 31 | 05865 | 270.3 | 273 | 267 | | 31 | 05841 | 267.6 | 272 | 265 | | 31 | 05851 | 271.3 | 276 | 267 | 269.6 |
| 400 | 31 | 07585 | 259.6 | 262 | 255 | | 31 | 07556 | 256.9 | 262 | 252 | | 31 | 07597 | 262.1 | 266 | 258 | |
| 300 | 31 | 09716 | 244.4 | 249 | 240 | | 31 | 09663 | 242.2 | 247 | 237 | | 30 | 09747 | 247.6 | 252 | 242 | |
| 250 | 31 | 10999 | 235.6 | 241 | 230 | | 31 | 10934 | 233.7 | 240 | 228 | | 30 | 11050 | 237.9 | 242 | 233 | |
| 200 | 31 | 12503 | 223.6 | 231 | 216 | | 31 | 12422 | 221.9 | 227 | 217 | | 30 | 12563 | 225.4 | 231 | 220 | |
| 175 | 28 | 13360 | 217.2 | 223 | 209 | | 30 | 13271 | 215.9 | 221 | 210 | | 30 | 13419 | 218.6 | 225 | 213 | |
| 150 | 28 | 14331 | 210.9 | 218 | 201 | | 28 | 14240 | 210.0 | 217 | 201 | | 29 | 14403 | 211.3 | 219 | 205 | |
| 125 | 24 | 15411 | 203.5 | 214 | 196 | | 25 | 15324 | 203.6 | 209 | 196 | | 23 | 15499 | 204.9 | 213 | 197 | |
| 100 | 22 | 16756 | 200.2 | 212 | 192 | | 23 | 16657 | 203.3 | 214 | 200 | | 21 | 16850 | 200.0 | 211 | 190 | |
| 80 | 18 | 18097 | 205.4 | 218 | 197 | | 15 | 18003 | 209.9 | 223 | 201 | | 15 | 18155 | 202.6 | 209 | 193 | |
| 70 | 15 | 18895 | 209.0 | 216 | 201 | | 13 | 18854 | 213.5 | 227 | 207 | | 12 | 18983 | 205.8 | 215 | 196 | |
| 60 | 13 | 19837 | 211.5 | 217 | 204 | | 11 | 19765 | 215.5 | 221 | 211 | | 10 | 19895 | 207.9 | 216 | 200 | |
| 50 | 13 | 20982 | 215.0 | 221 | 209 | | 10 | 20934 | 218.8 | 225 | 213 | | 07 | 20999 | 212.1 | 218 | 204 | |
| 40 | 06 | 22383 | 220.7 | 224 | 214 | | 06 | 22456 | 222.8 | 231 | 217 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | NEWDELHI/SAFDARJUNG SURFACE PR ( 974 MB) | | | | | | PORT BLAIR ( 997 MB) | | | | | | SRINAGAR ( 831 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00209 | 304.5 | 310 | 300 | 298.5 | 31 | 00079 | 299.2 | 301 | 296 | 297.4 | 27 | 01588 | 300.4 | 303 | 293 | 292.3 |
| 1000 | 31 | 00024 | | | | | 31 | 00056 | | | | | 27 | 00053 | | | | |
| 900 | 31 | 00917 | 299.4 | 304 | 296 | 293.6 | 31 | 00978 | 294.3 | 301 | 292 | 292.0 | 27 | 00900 | | | | |
| 850 | 31 | 01419 | 295.8 | 299 | 293 | 291.3 | 31 | 01471 | 291.9 | 298 | 289 | 289.0 | 27 | 01407 | | | | |
| 800 | 31 | 01945 | 293.0 | 297 | 291 | 288.3 | 31 | 01990 | 288.8 | 293 | 285 | 285.9 | 27 | 01941 | 297.1 | 302 | 289 | 288.0 |
| 700 | 31 | 03084 | 286.8 | 291 | 285 | 279.8 | 31 | 03114 | 283.3 | 289 | 280 | 279.3 | 27 | 03088 | 288.2 | 293 | 282 | 279.5 |
| 600 | 31 | 04361 | 280.0 | 285 | 275 | 272.0 | 31 | 04383 | 276.9 | 281 | 273 | 272.8 | 27 | 04372 | 279.2 | 284 | 274 | 272.2 |
| 500 | 31 | 05846 | 272.8 | 277 | 269 | 266.5 | 31 | 05843 | 268.9 | 273 | 264 | | 27 | 05841 | 270.1 | 274 | 265 | |
| 400 | 31 | 07604 | 263.8 | 267 | 261 | | 31 | 07572 | 259.2 | 264 | 255 | | 26 | 07580 | 261.5 | 265 | 257 | |
| 300 | 31 | 09773 | 249.7 | 256 | 246 | | 30 | 09696 | 244.6 | 250 | 241 | | 26 | 09737 | 249.0 | 255 | 245 | |
| 250 | 31 | 11083 | 240.3 | 248 | 235 | | 28 | 10981 | 235.2 | 242 | 230 | | 25 | 11045 | 240.3 | 246 | 235 | |
| 200 | 31 | 12619 | 229.1 | 237 | 223 | | 26 | 12484 | 223.3 | 231 | 218 | | 22 | 12599 | 230.1 | 238 | 223 | |
| 175 | 28 | 13499 | 222.0 | 231 | 216 | | 22 | 13354 | 216.9 | 223 | 212 | | 19 | 13499 | 223.6 | 231 | 217 | |
| 150 | 27 | 14485 | 214.6 | 225 | 206 | | 21 | 14318 | 209.7 | 219 | 204 | | 17 | 14494 | 216.5 | 223 | 211 | |
| 125 | 24 | 15621 | 206.7 | 216 | 197 | | 15 | 15423 | 203.1 | 213 | 196 | | 14 | 15635 | 209.2 | 216 | 202 | |
| 100 | 22 | 16934 | 199.8 | 207 | 195 | | 10 | 16707 | 202.4 | 213 | 194 | | 12 | 17026 | 206.7 | 212 | 197 | |
| 80 | 20 | 18229 | 201.2 | 210 | 192 | | 06 | 18008 | 205.1 | 221 | 197 | | 07 | 18315 | 207.8 | 212 | 198 | |
| 70 | 19 | 19027 | 205.8 | 214 | 196 | | | | | | | | 05 | 19155 | 212.6 | 223 | 204 | |
| 60 | 16 | 19937 | 209.0 | 215 | 202 | | | | | | | | | | | | | |
| 50 | 13 | 21081 | 214.5 | 218 | 208 | | | | | | | | | | | | | |
| 40 | 10 | 22545 | 218.7 | 221 | 215 | | | | | | | | | | | | | |
| 30 | 05 | 24397 | 223.8 | 226 | 222 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

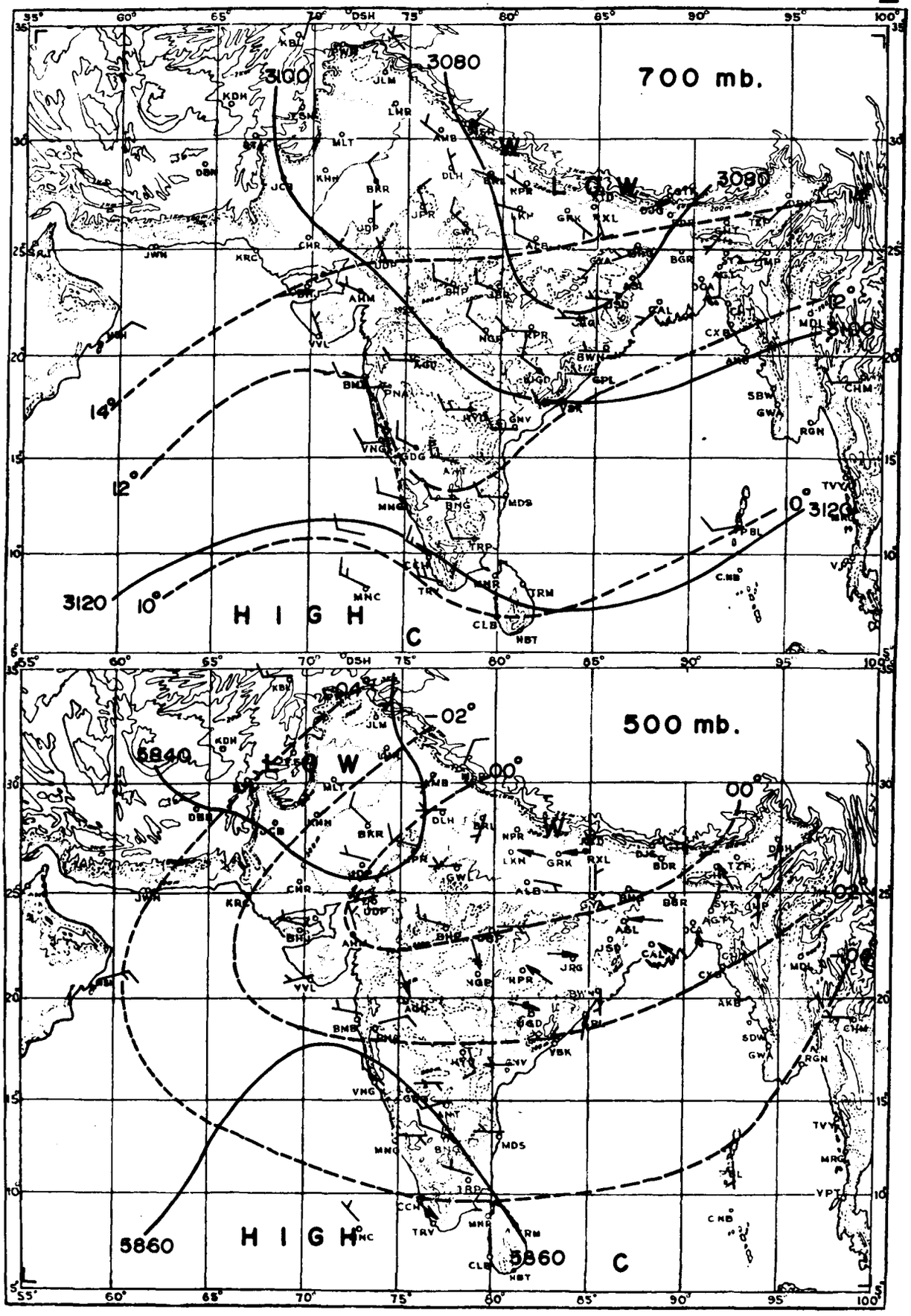
| STANDARD PRESSURE SURFACE MB | TRIVANDRUM SURFACE PR ( 999 MB) | | | | | | VISHAKHAPATNAM ( 996 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00064 | 300.9 | 302 | 298 | 296.4 | 31 | 00041 | 302.5 | 306 | 299 | 299.1 | | | | | | |
| 1000 | 31 | 00058 | 299.7 | 301 | 298 | 295.6 | 31 | 00009 | | | | | | | | | | |
| 900 | 31 | 00986 | 295.0 | 297 | 292 | 290.8 | 30 | 00944 | 297.6 | 301 | 295 | 293.5 | | | | | | |
| 850 | 31 | 01482 | 292.4 | 296 | 289 | 287.5 | 30 | 01443 | 294.5 | 298 | 290 | 290.6 | | | | | | |
| 800 | 31 | 02003 | 289.8 | 292 | 286 | 284.9 | 30 | 01968 | 291.5 | 294 | 286 | 287.4 | | | | | | |
| 700 | 31 | 03133 | 285.1 | 288 | 282 | 278.7 | 30 | 03102 | 285.2 | 289 | 279 | 281.4 | | | | | | |
| 600 | 31 | 04406 | 278.1 | 281 | 275 | 272.9 | 30 | 04380 | 278.2 | 282 | 273 | 274.4 | | | | | | |
| 500 | 31 | 05874 | 270.2 | 273 | 266 | | 30 | 05852 | 270.9 | 275 | 267 | 267.0 | | | | | | |
| 400 | 31 | 07610 | 259.5 | 264 | 256 | | 30 | 07593 | 261.2 | 265 | 257 | | | | | | | |
| 300 | 31 | 09737 | 243.9 | 248 | 241 | | 30 | 09741 | 247.0 | 252 | 241 | | | | | | | |
| 250 | 31 | 11016 | 234.6 | 239 | 230 | | 30 | 11038 | 238.4 | 245 | 232 | | | | | | | |
| 200 | 31 | 12532 | 222.6 | 229 | 216 | | 30 | 12560 | 225.9 | 233 | 218 | | | | | | | |
| 175 | 29 | 13355 | 216.0 | 220 | 207 | | 27 | 13423 | 220.1 | 227 | 213 | | | | | | | |
| 150 | 29 | 14332 | 209.3 | 217 | 198 | | 25 | 14417 | 212.5 | 222 | 205 | | | | | | | |
| 125 | 26 | 15405 | 202.3 | 209 | 196 | | 23 | 15497 | 206.8 | 214 | 201 | | | | | | | |
| 100 | 25 | 16749 | 201.4 | 210 | 193 | | 22 | 16870 | 202.0 | 208 | 194 | | | | | | | |
| 80 | 17 | 18063 | 207.7 | 217 | 197 | | 19 | 18216 | 205.0 | 217 | 198 | | | | | | | |
| 70 | 13 | 18911 | 211.6 | 228 | 205 | | 17 | 19035 | 206.8 | 217 | 199 | | | | | | | |
| 60 | 10 | 19844 | 215.0 | 229 | 207 | | 13 | 19999 | 211.2 | 222 | 203 | | | | | | | |
| 50 | 07 | 21009 | 219.4 | 229 | 215 | | 13 | 21100 | 214.5 | 223 | 206 | | | | | | | |
| 40 | | | | | | | 05 | 22411 | 215.4 | 222 | 209 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |




RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ——— Contours in geopotential metres.

*I. Met. D.* **AUGUST 1966** *Plate* **II**




RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## SEPTEMBER-1966

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# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## SEPTEMBER

MONTHLY WEATHER REPORT

FOR

SEPTEMBER - 1966

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* * * * *

MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES

II AND III.

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| # | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW, 1966

## Monthly Weather Report

## SEPTEMBER

Published by authority of the Government of India

Chief features:-

(i) A general revival and maintenance of the monsoon activity during the first ten days.

(ii) Heavy rains over northwest India causing serious floods in Srinagar valley during the second week.

(iii) Formation and movement of a depression and a severe cyclonic storm in the Bay of Bengal and the development of a depression in the Arabian Sea; and

(iv) Withdrawal of the monsoon from northwest India, Gujarat State, West Madhya Pradesh and Uttar Pradesh during the second fortnight.

The trough of low pressure lying over east central Arabian Sea off Mysore coast at the end of August shifted northwards and became unimportant by 2nd. The upper air trough which was lying over the north Peninsula and adjoining Bay of Bengal on 31st August moved slightly northwards and a low pressure area formed over the north Bay of Bengal on the morning of 2nd September. It intensified into a depression by the same evening with centre about 200 kms. east of Puri. Moving in a westerly direction, it crossed the Orissa coast near Puri in the afternoon of 3rd. It continued to move westwards till 5th. Later, it took a northwesterly direction till 7th evening when it was centred near Jodhpur. Thereafter, it recurved northnortheastwards and broke up over the Western Himalayas by 9th. Under its influence, there was a general revival of the monsoon activity over the country at the beginning of the month and it was maintained till 10th. The monsoon was quite active over the north Peninsula, central parts of the country and northwest India. Some of the noteworthy amounts of rainfall recorded were : Tezpur 15 cm. on 1st, Goa 13 cm. and Devgarh 11 cm. on 3rd, Ratnagiri 13 cm., Jagdalpur 12 cm. and Bhira 11 cm. on 4th, Harnai 17 cm., Nizamabad 13 cm. and Ramagundam 12 cm. on 5th, Vallabh Vidyanagar 19 cm. on 7th, Abu 24 cm., Deesa 21 cm. and Ahmadabad and Dalhousie 14 cm. each on 8th, Dharmsala and Dras 18 cm. each, Jammu and Quazigund 17 cm. each and Najibabad 12 cm. on 9th. According to press reports, the flood waters of the Jhelum caused breaches of its embankment and inundated 50 villages in Srinagar valley. The air service between Srinagar and Delhi remained suspended for three days due to bad weather; the Srinagar - Jammu road was also closed for traffic for about a week due to breaches.

After the depression had moved off, the monsoon weakened generally over the country. However, rainfall continued to occur over northwest India and the Peninsula.

A low pressure area moved from the east into the north Bay of Bengal on 9th and persisted there till 14th. Thereafter, it moved slowly northeastwards to south Assam where it became unimportant by 14th. Under its influence there was good rainfall over northeast India with heavy rains in Assam. Krishnanagar recorded 11 cm. of rain and Agartala 10 cm. on 17th. An upper air trough developed over the central parts of the Peninsula on the 15th and persisted there with no appreciable movement till 22nd. Later it weakened and became unimportant by 24th. In association with it, a spell of good rainfall occurred over the Peninsula during the third week. Bellary recorded 11 cm. of rain on 18th and Hassan 9 cm. on 21st.

An upper air trough developed over the Punjab and adjoining Rajasthan on 14th. It persisted there till 18th and shifted later slightly southeastwards to West Madhya Pradesh and West Uttar Pradesh where it became unimportant. In association with it, moderate rainfall occurred over the Western Himalayas in the early parts of the third week. A few light showers also occurred over Gujarat State, Rajasthan and west Madhya Pradesh later. Another upper air trough moving eastwards across the Western Himalayas during the period 22nd - 24th caused isolated showers over northwest India.

The monsoon began to withdraw from northwest India from 20th and by the end of the month, it had withdrawn from Gujarat State, West Madhya Pradesh and Uttar Pradesh.

A low pressure area from the east moved into the southeast Bay of Bengal on 25th and concentrated into a depression by the morning of 27th with centre near Lat. 9.5°N and Long. 90.0°E. Moving in a northerly direction, it intensified into a deep depression by the next morning with centre near Lat. 12.5°N and Long. 89.5°E. Later, it took a northwesterly course and further intensified into a cyclonic storm by the morning of 29th, with centre near Lat. 15.0°N and Long. 85.5°E. Thereafter, it recurved northeastwards and, intensifying further into a severe cyclonic storm, lay centred near Lat. 20.5°N and Long. 88.5°E on the evening of 30th. An upper air low moved westwards across the south Peninsula on 26th and a well marked low pressure area formed over the east central Arabian Sea off the north Kerala and Mysore coasts the next day. It intensified into a depression by the morning of 29th with centre near Lat. 12.5°N and Long. 72.5°E and was persisting there on 30th. Under the influence of these two systems, there was a spell of good rains over the Peninsula. Trivandrum and Alleppey recorded 11 cm. of rain each on 26th, Fort Cochin 9 cm. on 27th and Calicut 10 cm. and Trivandrum 9 cm. on 30th.

Rainfall was in large excess in Jammu and Kashmir, Madras, South Interior Mysore and Kerala, in moderate excess in North Interior Mysore, in slight excess in Telangana and Arabian Sea Islands, in slight defect in Assam, Sub-Himalayan West Bengal, Punjab, Himachal Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh and Coastal Mysore and in moderate defect in Gangetic West Bengal, Orissa, West Uttar Pradesh, East Rajasthan, West Madhya Pradesh and Saurashtra. It was in large defect in Bihar, East Uttar Pradesh, East Madhya Pradesh and Marathwada and normal over the rest of the country.

The mean maximum temperature was above normal in Orissa, Bihar, East Uttar Pradesh, Madhya Pradesh, Gujarat, Saurashtra & Kutch and Vidarbha. It was normal over the rest of the country except Jammu and Kashmir where it was below normal.

The mean minimum temperature was below normal in Sub-Himalayan West Bengal, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan and West Madhya Pradesh. It was normal over the rest of the country.

The Relative Humidity in the morning was above normal in Rayalaseema and below normal in Bihar, Uttar Pradesh, Rajasthan and Madhya Pradesh. It was normal over the remaining parts of the country.

The Relative Humidity in the evening was above normal in Jammu and Kashmir and Rayalaseema and below normal in Bihar, Uttar Pradesh, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Saurashtra & Kutch, Marathwada, Vidarbha and the Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in Gangetic West Bengal, Orissa, Bihar, Uttar Pradesh, Himachal Pradesh, Rajasthan, Madhya Pradesh, Gujarat and Saurashtra & Kutch and was above normal in Jammu and Kashmir. It was normal over the rest of the country.

The mean cloud amount in the evening was below normal in Sub-Himalayan West Bengal, Bihar, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Gujarat and Saurashtra & Kutch and was above normal in Jammu & Kashmir. It was normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hours I.S.T. of the date given in the succeeding column.

Poona-5.
5th January 1967.

R. ANANTHAKRISHNAN
for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 230.1 | 81 | 31.0 | 23.1 | 86 | 81 | 5.7 | 5.1 |
| | - 55.0 | | -0.6 | -0.8 | + 1 | - 1 | -0.1 | -0.1 |
| 2.WEST BENGAL . . . | 227.4 | 75 | 32.4 | 24.5 | 82 | 79 | 4.2 | 4.8 |
| | - 77.7 | | +0.6 | -0.9 | - 1 | - 2 | -1.5 | -1.0 |
| 3.ORISSA . . . . . | 170.9 | 64 | 32.4 | 23.9 | 81 | 76 | 4.4 | 5.5 |
| | - 96.9 | | +1.4 | -0.8 | - 2 | - 5 | -1.5 | -0.8 |
| 4.BIHAR . . . . . | 85.5 | 37 | 32.9 | 24.0 | 76 | 69 | 3.5 | 4.1 |
| | -145.5 | | +1.4 | -0.8 | - 6 | - 9 | -1.8 | -1.7 |
| 5.UTTAR PRADESH . . | 55.0 | 29 | 34.1 | 22.6 | 71 | 57 | 2.0 | 2.5 |
| | -135.9 | | +1.7 | -1.6 | - 9 | -15 | -1.9 | -1.6 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) . | 119.7 | 84 | 33.1 | 21.9 | 75 | 57 | 2.3 | 2.6 |
| | - 22.0 | | -0.7 | -1.2 | - 2 | - 3 | -0.5 | -0.3 |
| 7.JAMMU AND KASHMIR | 132.4 | 219 | 22.7 | 10.6 | 72 | 54 | 3.8 | 4.1 |
| | + 71.8 | | -2.5 | -1.3 | + 4 | +14 | +1.2 | +1.3 |
| 8.RAJASTHAN . . | 69.5 | 72 | 34.4 | 22.5 | 67 | 49 | 2.0 | 2.7 |
| | - 27.3 | | +0.6 | -1.5 | - 8 | - 8 | -1.0 | -0.8 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 88.2 | 42 | 32.2 | 21.8 | 74 | 59 | 3.4 | 4.4 |
| | -120.2 | | +1.7 | -0.9 | - 9 | -13 | -1.7 | -1.3 |
| 10.GUJARAT STATE . | 108.9 | 85 | 33.3 | 23.8 | 80 | 57 | 2.8 | 2.8 |
| | - 18.8 | | +1.5 | -0.4 | - 4 | -10 | -1.9 | -1.8 |
| 11.MAHARASHTRA STATE | 210.7 | 91 | 31.1 | 22.5 | 82 | 65 | 4.8 | 5.5 |
| | - 19.8 | | +1.0 | -0.1 | - 2 | - 6 | -0.6 | -0.4 |
| 12.ANDHRA PRADESH . | 152.8 | 96 | 32.1 | 24.0 | 80 | 70 | 5.2 | 5.9 |
| | - 6.0 | | +0.1 | -0.3 | + 2 | + 3 | -0.6 | -0.4 |
| 13.MADRAS STATE . . | 140.3 | 153 | 32.9 | 24.1 | 76 | 66 | 5.1 | 5.8 |
| | + 48.8 | | -0.5 | -0.5 | + 5 | + 4 | +0.3 | +0.5 |
| 14.MYSORE . . . . . | 234.2 | 129 | 29.0 | 21.0 | 87 | 72 | 6.3 | 6.6 |
| | + 52.5 | | +0.4 | +0.2 | + 2 | + 2 | +0.2 | +0.3 |
| 15.KERALA . . . . | 392.4 | 194 | 29.9 | 23.7 | 88 | 81 | 6.1 | 6.5 |
| | +189.9 | | +0.2 | +0.2 | + 2 | + 3 | +0.4 | +0.5 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 412.5 | 103 | 29.7 | 23.6 | 83 | 86 | 5.8 | 6.0 |
| | + 12.3 | | +0.5 | -0.4 | - 1 | - 1 | -0.4 | -0.3 |
| 2.NORTH ASSAM . (INCLUDING NEFA) | 216.9 | 79 | 31.3 | 23.3 | 86 | 80 | 5.7 | 4.9 |
| | - 58.8 | | -0.7 | -1.0 | + 2 | - 2 | -0.0 | -0.0 |
| 3.SOUTH ASSAM (INCLUDING N.LANDETC) | 262.0 | 85 | 30.2 | 22.7 | 85 | 83 | 5.8 | 5.7 |
| | - 46.0 | | -0.5 | -0.4 | + 0 | + 0 | -0.3 | -0.2 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 349.6 | 75 | 31.7 | 23.7 | 85 | 79 | 4.9 | 4.2 |
| | -118.8 | | +0.2 | -1.1 | + 2 | - 1 | -0.8 | -1.2 |
| 5.GANGETIC,WEST-BENGAL. | 186.7 | 74 | 32.7 | 24.8 | 81 | 79 | 4.0 | 5.0 |
| | - 64.0 | | +0.8 | -0.8 | - 2 | - 2 | -1.7 | -1.0 |
| 6.ORISSA . | 170.9 | 64 | 32.4 | 23.9 | 81 | 76 | 4.4 | 5.5 |
| | - 96.9 | | +1.4 | -0.8 | - 2 | - 5 | -1.5 | -0.8 |
| 7.BIHAR PLATEAU. . | 80.7 | 36 | 32.2 | 23.1 | 75 | 69 | 3.4 | 4.9 |
| | -146.5 | | +1.5 | -0.8 | - 7 | -12 | -2.2 | -1.5 |
| 8.BIHAR PLAINS. . | 88.7 | 38 | 33.5 | 24.7 | 76 | 70 | 3.5 | 3.5 |
| | -145.0 | | +1.2 | -0.8 | - 6 | - 8 | -1.5 | -1.8 |
| 9.UTTAR PRADESH, (EAST). | 24.4 | 12 | 34.9 | 23.3 | 71 | 56 | 1.9 | 2.4 |
| | -175.2 | | +2.2 | -1.8 | -11 | -19 | -2.3 | -1.9 |
| 10.UTTAR PRADESH, (WEST). | 100.9 | 57 | 32.8 | 21.6 | 72 | 58 | 2.1 | 2.7 |
| | - 77.0 | | +0.9 | -1.4 | - 7 | - 9 | -1.4 | -1.1 |
| 11.PUNJAB(INCLUDING DELHI). | 112.9 | 86 | 33.6 | 22.5 | 73 | 55 | 2.1 | 2.3 |
| | - 18.5 | | -0.8 | -1.1 | - 2 | - 2 | -0.3 | -0.3 |
| 12.HIMACHAL PRADESH | 157.6 | 79 | 30.4 | 18.9 | 88 | 64 | 2.9 | 4.2 |
| | - 41.2 | | -0.3 | -1.6 | + 1 | - 6 | -1.4 | -0.4 |
| 13.JAMMU AND KASHMIR. | 132.4 | 219 | 22.7 | 10.6 | 72 | 54 | 3.8 | 4.1 |
| | + 71.8 | | -2.5 | -1.3 | + 4 | +14 | +1.2 | +1.3 |
| 14.RAJASTHAN(WEST). | 57.1 | 103 | 35.4 | 23.1 | 63 | 43 | 2.0 | 2.5 |
| | + 1.8 | | +0.4 | -1.2 | -10 | - 7 | -0.5 | -0.5 |
| 15.RAJASTHAN(EAST). | 79.6 | 61 | 33.6 | 21.9 | 70 | 53 | 1.9 | 2.9 |
| | - 51.2 | | +0.8 | -1.7 | - 7 | - 9 | -1.5 | -1.1 |
| 16.MADHYA PRADESH (WEST). | 96.5 | 51 | 32.1 | 21.1 | 74 | 56 | 3.2 | 4.1 |
| | - 93.0 | | +1.7 | -1.2 | - 9 | -13 | -1.8 | -1.3 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . (EAST). | 77.1 | 33 | 32.3 | 22.7 | 75 | 63 | 3.8 | 4.7 |
| | -156.4 | | +1.8 | -0.5 | - 9 | -12 | -1.6 | -1.4 |
| 18.GUJARAT REGION . | 168.1 | 105 | 33.7 | 23.4 | 79 | 53 | 2.8 | 2.6 |
| | + 8.0 | | +1.4 | -0.3 | - 4 | -12 | -2.1 | -1.9 |
| 19.SAURASHTRA KUTCH (INCLUDING DIU) . | 72.5 | 67 | 33.1 | 24.0 | 80 | 60 | 2.7 | 2.8 |
| | - 35.4 | | +1.7 | -0.4 | - 4 | - 8 | -1.7 | -1.7 |
| 20.KONKAN (INCLUDING GOA) . | 321.8 | 100 | 30.0 | 24.0 | 88 | 81 | 5.0 | 5.1 |
| | + 1.4 | | +0.8 | -0.1 | + 0 | + 1 | -0.7 | -0.6 |
| 21.MADHYAMAHARASHTRA | 158.5 | 83 | 31.2 | 21.3 | 82 | 60 | 4.7 | 5.7 |
| | - 31.6 | | +0.9 | +0.0 | - 1 | - 5 | -0.5 | -0.1 |
| 22.MARATHWADA. . | 79.5 | 46 | 31.0 | 20.9 | 77 | 55 | 4.9 | 6.0 |
| | - 94.1 | | +0.8 | -0.3 | - 4 | - 8 | -0.4 | -0.2 |
| 23.VIDARBHA. . | 207.1 | 99 | 32.1 | 22.9 | 78 | 60 | 4.6 | 5.4 |
| | - 1.9 | | +1.4 | -0.2 | - 5 | -11 | -0.9 | -0.7 |
| 24.COASTAL ANDHRA PRADESH. . | 120.1 | 80 | 32.8 | 25.2 | 79 | 73 | 5.2 | 5.8 |
| | - 30.5 | | +0.3 | -0.3 | + 0 | + 1 | -0.5 | -0.4 |
| 25.TELANGANA. . | 216.3 | 117 | 31.5 | 23.3 | 83 | 71 | 4.9 | 5.7 |
| | + 31.9 | | +0.2 | -0.2 | + 2 | + 1 | -0.8 | -0.7 |
| 26.RAYALASEEMA. . | 131.4 | 94 | 31.3 | 22.7 | 79 | 65 | 5.5 | 6.5 |
| | - 7.7 | | -0.6 | -0.5 | + 6 | + 9 | -0.3 | +0.2 |
| 27.MADRAS STATE. . | 140.3 | 153 | 32.9 | 24.1 | 76 | 66 | 5.1 | 5.8 |
| | + 48.8 | | -0.5 | -0.5 | + 5 | + 4 | +0.3 | +0.5 |
| 28.COASTAL MYSORE . | 252.0 | 77 | 29.4 | 23.5 | 89 | 82 | 6.7 | 6.8 |
| | - 76.9 | | +0.7 | +0.2 | - 2 | - 1 | +0.4 | +0.5 |
| 29.INTERIOR MYSORE. (NORTH). . | 212.5 | 142 | 29.5 | 20.9 | 86 | 70 | 6.3 | 7.0 |
| | + 62.5 | | +0.5 | +0.4 | + 2 | + 1 | +0.5 | +0.7 |
| 30.INTERIOR MYSORE. (SOUTH). . | 241.6 | 183 | 28.4 | 19.8 | 88 | 69 | 6.0 | 6.2 |
| | +109.7 | | +0.2 | +0.0 | + 4 | + 5 | -0.3 | -0.1 |
| 31.KERALA. . | 392.4 | 194 | 29.9 | 23.7 | 88 | 81 | 6.1 | 6.5 |
| | +189.9 | | +0.2 | +0.2 | + 2 | + 3 | +0.4 | +0.5 |
| 32.ARABIANSEAISLANDS . | 185.5 | 121 | 29.8 | 25.4 | 80 | 73 | 5.8 | 5.5 |
| | + 31.6 | | +0.2 | +0.1 | - 1 | - 6 | +0.5 | -0.3 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 29.6 | +0.9 | 31.9 | 19 | 24.0 | 0.0 | 22.4 | 01 | 247.8 | 404.4 | - 10.8 | 71.2 | 19 | 19 | - 0.3 | 15.3 | 12.1 | +2.2 | 0 | 25 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Long Island | 29.9 | +0.1 | 31.8 | 14 | 22.3 | -1.8 | 20.9 | 11 | 245.1 | 416.1 | - 44.5 | 52.2 | 11 | 20 | 0.0 | 8.6 | 6.5 | +4.1 | 1 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Blair | 29.3 | +0.6 | 30.6 | 26 | 23.1 | -0.5 | 21.4 | 17 | 255.4 | 556.3 | +106.7 | 85.0 | 30 | 17 | - 2.6 | 19.6 | 14.6 | -1.3 | 0 | 27 | 0 | 0 | 6 | 3 | 0 | 0 | 4 | 0 |
| Car Nicobar | 30.4 | +0.5 | 31.8 | 03 | 23.4 | -0.4 | 20.7 | 21 | 142.4 | 222.5 | -152.9 | 51.0 | 19 | 14 | - 2.4 | 6.4 | 4.0 | -0.6 | 0 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 29.7 | +0.5 | 30.9 | 05 | 24.9 | +0.5 | 22.3 | 13 | 227.6 | 518.6 | +188.7 | 115.0 | 13 | 15 | - 2.7 | 9.2 | 6.9 | -3.0 | 1 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 29.1 | +0.4 | 31.0 | 30 | 23.9 | -0.4 | 21.9 | 28 | 127.3 | 357.3 | - 13.2 | 61.4 | 28 | 14 | - 4.2 | 7.7 | 5.9 | -1.2 | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 30.4 | -0.9 | 35.2 | 04 | 21.0 | -2.1 | 17.4 | 29 | 145.4 | 242.0 | -272.9 | 89.8 | 07 | 9 | - 2.4 | 6.3 | 4.2 | -0.6 | 3 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 30.4 | -0.7 | 34.5 | 04 | 23.3 | -0.5 | 20.4 | 30 | 46.0 | 263.7 | - 65.1 | 66.6 | 07 | 14 | + 0.8 | 4.6 | 3.1 | +0.1 | 1 | 19 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Digboi | 30.3 | -1.8 | 33.6 | 04 | 22.2 | -1.5 | 19.8 | 25 | 54.9 | 291.1 | + 17.6 | 73.2 | 15 | 12 | + 0.1 | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| North Lakhimpur | 30.6 | -0.9 | 34.6 | 04 | 22.5 | -1.4 | 19.3 | 29 | 34.8 | 221.9 | -241.4 | 46.8 | 01 | 8 | - 5.0 | 6.3 | 4.4 | .. | 1 | 23 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 |
| Sibsagar | 30.6 | -0.9 | 35.2 | 04 | 20.0 | -4.7 | 16.8 | 04 | 17.1 | 269.2 | - 42.5 | 72.6 | 04 | 12 | - 3.2 | 5.4 | 4.4 | -0.2 | 0 | 19 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 30.7 | -1.6 | 34.4 | 04 | 22.9 | -0.9 | 20.5 | 29 | 41.1 | 258.3 | + 95.0 | 43.0 | 01 | 13 | + 6.8 | 4.5 | 2.8 | .. | 1 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 31.5 | .. | 34.3 | 24 | 22.9 | .. | 20.2 | 30 | 111.6 | 267.4 | + 46.3 | 48.2 | 12 | 16 | + 6.8 | 5.6 | 3.3 | +0.2 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 31.4 | .. | 34.4 | 04 | 24.0 | .. | 22.2 | 20 | 5.2 | 325.5 | .. | 98.2 | 01 | 11 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 11 | 2 | 0 | 0 | 0 | 0 |
| Tangla | 32.4 | -0.3 | 34.5 | 04 | 25.0 | +0.6 | 22.2 | 12 | 51.4 | 108.2 | - 87.3 | 45.2 | 17 | 6 | - 1.4 | 2.8 | 2.0 | +0.3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 31.0 | -0.7 | 34.3 | 04 | 24.2 | -0.5 | 22.0 | 20 | 4.2 | 235.2 | + 14.2 | 154.3 | 01 | 9 | - 3.4 | 5.5 | 3.6 | +1.3 | 0 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 31.7 | -0.5 | 34.6 | 04 | 22.0 | -2.5 | 20.4 | 30 | 10.2 | 92.8 | - 96.9 | 38.4 | 01 | 6 | - 3.6 | .. | .. | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hangia | 32.2 | -0.4 | 34.1 | 29 | 23.9 | -0.4 | 22.0 | 29 | 101.3 | 226.6 | + 67.0 | 57.0 | 16 | 11 | + 4.7 | 6.4 | 4.4[c] | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 32.2 | -1.1 | 34.9 | 04 | 24.0 | -1.3 | 22.2 | 25 | 11.8[e] | 167.0 | - 66.3 | 52.2 | .. | .. | .. | 5.0[h] | 4.3[g] | .. | . | .. | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Goalpara | 31.7 | -1.1 | 34.1 | 27 | 25.7 | +1.1 | 23.9 | 17 | 108.6 | 232.2 | - 75.0 | 68.6 | 11 | 10 | + 1.3 | 2.5 | 1.5 | -0.7 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 31.3 | -0.4 | 32.8 | 28 | 24.6 | -0.1 | 23.2 | 28 | 117.0 | 173.1 | - 17.4 | 90.2 | 16 | 12 | + 3.2 | 7.5 | 4.7 | .. | 0 | 16 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 |
| Dhubri (Rupsi) | 31.7 | -0.1 | 33.5 | 04 | 24.1 | -0.6 | 22.3 | 21 | 122.0 | 287.1 | - 73.2 | 62.8 | 12 | 12 | + 1.5 | 7.9 | 5.6 | +1.7 | 0 | 17 | 0 | 0 | 16 | 2 | 0 | 0 | 0 | 0 |
| Dhubri | 31.0 | +0.3 | 34.2 | 28 | 24.4 | -0.3 | 23.1 | 30 | 64.8 | 105.0 | -258.2 | 54.4 | 12 | 5 | - 7.7 | 6.3 | 7.4 | +2.1 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 32.6 | +0.3 | 35.2 | 04 | 23.3 | -0.8 | 22.4 | 11 | 128.6 | 247.2 | + 57.2 | 58.3 | 11 | 14 | + 2.9 | 3.7 | 2.5 | .. | 0 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 29.0 | -0.5 | 30.9 | 30 | 23.1 | +0.4 | 21.6 | 23 | 170.1[b] | 207.4 | -246.1 | 55.5 | 03 | 11 | - 5.1 | 3.5 | 3.5[b] | -1.6 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 26.3 | -2.3 | 30.8 | 04 | 21.2 | -0.1 | 19.4 | 18 | 54.0 | 160.6 | - 76.5 | 53.4 | 19 | 11 | - 1.2 | .. | .. | .. | 0 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 31.8 | -0.6 | 35.0 | 04 | 23.5 | -0.4 | 21.8 | 20 | 35.6 | 284.2 | - 66.6 | 59.2 | 09 | 12 | - 1.8 | 6.5 | 6.2 | +0.9 | 2 | 15 | 0 | 0 | 12 | 1 | 0 | 0 | 0 | 0 |
| Silchar | 31.8 | 0.0 | 35.5 | 05 | 23.0 | -1.7 | 21.0 | 20 | 86.6 | 433.6 | + 30.5 | 92.6 | 18 | 16 | - 1.1 | 1.7 | 1.0 | -0.6 | 1 | 17 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 28.3 | -0.5 | 30.3 | 29 | 20.6 | +0.1 | 18.3 | 28 | 58.3 | 274.7 | +139.0 | 95.8 | 01 | 11 | + 0.6 | 6.0 | 3.9 | -0.5 | 2 | 16 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Kailashahar | 32.4 | +0.2 | 34.3 | 04 | 24.2 | -0.2 | 22.2 | 30 | 62.4 | 144.7 | -148.3 | 30.7 | 18 | 16 | + 3.0 | 4.9 | 3.3 | +0.4 | 0 | 18 | 0 | 0 | 15 | 3 | 0 | 0 | 0 | 0 |
| Agartala | 31.7 | 0.0 | 34.9 | 29 | 23.4 | -1.1 | 21.7 | 30 | 174.7 | 328.9 | + 45.9 | 103.6 | 17 | 16 | + 2.3 | 6.4 | 4.1 | -2.2 | 2 | 18 | 0 | 0 | 14 | 0 | 0 | 0 | 1 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 32.0 | +0.3 | 35.3 | 24 | 22.9 | -1.0 | 19.8 | 27 | 167.6 | 439.8 | + 6.1 | 77.9 | 01 | 15 | + 0.8 | 9.7 | 8.1 | +3.0 | 0 | 16 | 0 | 1 | 15 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 30.8 | +0.1 | 33.4 | 28 | 23.1 | -1.3 | 22.0 | 30 | 134.0 | 453.3 | -107.3 | 87.4 | 10 | 11 | - 6.2 | 7.3 | 5.1 | 0.0 | 0 | 19 | 0 | 0 | 12 | 1 | 0 | 0 | 0 | 0 |
| Cooch Behar | 31.2 | -0.8 | 33.0 | 04 | 23.7 | -1.4 | 21.4 | 30 | 212.3 | 313.3 | -278.5 | 88.6 | 15 | 14 | - 2.1 | 6.1 | 3.8 | +0.1 | 0 | 17 | 0 | 0 | 18 | 3 | 0 | 0 | 0 | 0 |
| Balurghat | 32.7 | .. | 35.4 | 29 | 24.4 | .. | 19.8 | 29 | 81.0 | 226.2 | .. | 56.8 | 12 | 10 | .. | 5.1 | 3.6 | .. | 0 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Malda | 32.7 | +1.0 | 35.1 | 27 | 25.2 | -0.6 | 22.6 | 29 | 90.1 | 191.9 | - 95.4 | 32.0 | 15 | 14 | + 2.6 | 2.7 | 1.9 | -4.6 | 0 | 15 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 33.6 | +0.8 | 36.4 | 28 | 24.8 | -1.0 | 23.0 | 20 | 104.2 | 228.9 | + 0.3 | 37.0 | 12 | 12 | + 0.4 | 4.0 | 2.3 | -1.4 | 0 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Suri | 32.6 | +0.9 | 35.4 | 29 | 24.9 | -0.3 | 21.8 | 16 | .. | 209.5 | -111.2 | 59.0 | 11 | 10 | - 2.0 | . | 2.8 | -4.3 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 33.8 | +1.9 | 36.4 | 22 | 24.7 | -0.6 | 23.6 | 27 | 134.5 | 149.5 | - 63.9 | 80.1 | 09 | 8 | - 3.0 | 8.1 | 5.2 | -1.0 | 0 | 13 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 32.4 | .. | 34.8 | 20 | 25.0 | .. | 22.6 | 20 | 102.0 | 222.6 | .. | 62.0 | 11 | 14 | .. | 6.3 | 4.7 | .. | 0 | 16 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 33.3 | +0.4 | 35.8 | 04 | 23.3 | -2.2 | 21.5 | 20 | 201.4 | 222.2 | + 25.6 | 113.2 | 17 | 10 | - 1.2 | 1.0 | 0.9 | -3.5 | 0 | 13 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 33.2 | +1.8 | 35.7 | 23 | 23.9 | -0.4 | 22.8 | 05 | 42.7 | 81.2 | -188.0 | 26.0 | 04 | 7 | - 6.0 | 7.6 | 4.9 | +0.2 | 1 | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bankura | 34.7 | .. | 36.5 | 19 | 24.2 | .. | 22.0 | 02 | 48.8 | 107.8 | - 89.1 | 24.2 | 04 | 10 | - 0.7 | 9.9[b] | 5.5[c] | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 33.2 | +1.0 | 35.6 | 19 | 28.5 | +2.8 | 26.8 | 09 | 103.2 | 222.2 | + 5.3 | 36.2 | 09 | 11 | - 0.1 | 9.6 | 7.2 | +2.0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | 32.0 | .. | 33.9 | 22 | 25.1 | .. | 23.9 | 20 | 106.2 | 124.5 | .. | 27.1 | 11 | 9 | .. | .. | .. | .. | 0 | 11 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 32.2 | +0.2 | 34.6 | 28 | 25.4 | -0.5 | 24.3 | 23 | 90.1 | 115.9 | -170.5 | 23.8 | 26 | 14 | + 0.6 | 9.1 | 5.8 | -2.6 | 1 | 17 | 0 | 0 | 15 | 2 | 0 | 0 | 0 | 0 |
| Calcutta | 32.4 | +0.1 | 35.6 | 19 | 23.8 | -2.3 | 22.2 | 22 | 146.1 | 202.8 | - 49.9 | 34.3 | 25 | 15 | + 1.6 | 8.1 | 5.3 | +1.0 | 0 | 19 | 0 | 0 | 11 | 0 | 0 | 0 | 3 | 0 |
| Midnapore | 32.5 | +0.4 | 35.0 | 20 | 23.0 | -2.6 | 21.4 | 09 | 98.0 | 147.4 | - 79.4 | 29.2 | 06 | 9 | - 3.2 | 5.4 | 4.1 | +0.1 | 1 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Contai | 32.2 | +1.1 | 35.4 | 20 | 24.2 | -1.7 | 22.2 | 09 | 81.8[b] | 239.6[b] | -105.2 | .. | .. | .. | .. | 8.7[b] | 7.0[c] | -0.6 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar Island | 30.8 | +0.3 | 32.6 | 25 | 26.5 | -0.1 | 23.7 | 09 | 100.7 | 313.7 | + 57.7 | 107.3 | 09 | 11 | - 2.0 | 16.8 | 15.3 | -1.3 | 0 | 15 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 31.2 | .. | 34.3 | 26 | 25.3 | .. | 21.2 | 30 | 30.8 | 109.9 | - 26.5 | 26.3 | 12 | 10 | + 1.5 | .. | .. | .. | 1 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 33.3 | +1.1 | 36.4 | 20 | 23.9 | -1.0 | 22.1 | 27 | 141.9 | 173.4 | -232.6 | 29.0 | 26 | 10 | - 7.0 | 3.9 | 2.0 | +0.3 | 0 | 14 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Jharsuguda | 33.5 | +2.2 | 35.6 | 17 | 24.3 | -0.1 | 22.7 | 19 | 21.8 | 52.7 | -203.0 | 22.2 | 03 | 5 | - 8.1 | 10.3 | 6.5 | -0.7 | 0 | 8 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Keonjhargarh | 30.7 | +1.0 | 32.9 | 30 | 16.6 | -6.4 | 13.7 | 29 | 89.9 | 151.4 | -151.8 | 32.0 | 24 | 9 | - 4.2 | 6.6 | 4.9 | -0.5 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 32.6 | +1.3 | 35.3 | 19 | 23.8 | -2.0 | 22.3 | 24 | 78.4 | 120.3 | -147.4 | 24.6 | 24 | 9 | - 4.0 | 9.1 | 6.2 | 0.0 | 1 | 12 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm. | 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 33.1 | +1.6 | 34.6 | 06ds | 24.6 | -0.2 | 21.8 | 26 | 77.5 | 157.5 | - 69.6 | 64.0 | 03 | 7 | - 4.4 | 4.7[a] | 4.8[f] | -0.7 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 33.0 | +1.4 | 35.3 | 16 | 24.3 | -0.6 | 22.7 | 26 | 67.4 | 90.2 | -104.6 | 26.2 | 04 | 9 | - 2.6 | 9.3 | 6.1 | -0.3 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Chandbali | 32.5 | +1.0 | 35.4 | 19 | 24.8 | -0.9 | 22.5 | 13 | 100.6 | 229.3 | - 34.9 | 69.4 | 03 | 10 | - 2.7 | 8.6[b] | 5.7 | -2.5 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 33.4 | +1.9 | 36.3 | 19 | 26.8 | +2.4 | 23.6 | 04 | 40.8 | 108.0 | -218.1 | 39.6 | 03 | 4 | - 8.6 | 6.3 | 5.3 | -1.2 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 30.6 | .. | 32.8 | 17 | 21.1 | .. | 19.7 | 28 | 64.2 | 111.8 | .. | 49.4 | 03 | 7 | .. | 5.5 | 3.0 | .. | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuttack | 33.8 | +1.6 | 37.8 | 19 | 26.9[c] | +1.4 | 24.3 | 11 | 120.7 | 277.5 | + 41.0 | 61.8 | 02 | 11 | - 2.0 | 6.2 | 3.8 | -1.0 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 34.0 | +2.9 | 35.6 | 28 | 24.5 | +0.3 | 22.8 | 06 | 95.8 | 164.4 | -140.8 | 60.3 | 03 | 6 | - 7.4 | 2.8 | 2.3 | -0.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 32.5 | +1.1 | 35.3 | 20 | 24.2 | -0.9 | 22.3 | 12 | 207.7 | 323.5 | + 18.5 | 60.6 | 12 | 12 | - 1.4 | 13.1 | 9.3 | -1.6 | 0 | 16 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Puri | 32.3 | +0.9 | 35.5 | 16 | 25.3 | -1.3 | 22.8 | 12 | 117.8 | 171.0 | - 56.8 | 103.4 | 03 | 10 | - 2.4 | 15.8[b] | 12.4 | -3.5 | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 32.3 | +0.7 | 35.6 | 15 | 25.0 | -0.8 | 23.6 | 03 | 83.8 | 129.1 | - 66.2 | 52.0 | 02 | 6 | - 3.2 | 14.6 | 10.6 | -1.4 | 2 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Koraput | 26.9 | +0.6 | 29.8 | 19 | 19.5 | -0.6 | 15.2 | 14 | 73.7 | 244.3 | + 10.0 | 121.6 | 04 | 10 | - 3.9 | . | 12.3[d] | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 33.4 | +1.5 | 36.3 | 19 | 24.2 | -0.5 | 23.6 | 26 | 104.9 | 147.5 | - 93.0 | 53.2 | 09 | 12 | 0.0 | 7.1 | 4.1 | -0.3 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 34.6 | +3.7 | 36.6 | 23 | 23.6 | -0.8 | 21.0 | 29 | 28.3 | 48.9 | -148.0 | 36.1 | 04 | 2 | - 7.9 | 2.2 | 1.9 | -2.7 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 30.4 | +0.9 | 33.1 | 29 | 21.3 | -1.1 | 19.8 | 28 | 13.4 | 40.7 | -179.0 | 17.1 | 05 | 3 | - 8.6 | 12.8 | 8.8 | +0.9 | 0 | 9 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Dhanbad | 32.9 | +1.7 | 35.6 | 23 | 24.1 | -0.2 | 23.0 | 09 | 52.6 | 105.6 | -120.3 | 30.8 | 05 | 7 | - 4.0 | 5.4[b] | 4.0[b] | -3.6 | 0 | 11 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 29.5 | +0.3 | 31.6 | 20 | 21.1 | -0.8 | 19.3 | 30 | 32.0 | 64.7 | -167.7 | 20.5 | 05 | 5 | - 6.8 | 5.8 | 4.6 | -0.3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 29.7 | +1.2 | 31.9 | 19 | 21.8 | -0.5 | 20.1 | 30 | 17.8 | 79.5 | -184.3 | 24.1 | 01 | 5 | - 8.9 | 14.9 | 10.2 | +0.1 | 1 | 6 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur | 33.6 | +1.5 | 35.7 | 23 | 23.7 | -1.7 | 22.7 | 13 | 39.4 | 73.2 | -125.3 | 23.1 | 03 | 7 | - 4.1 | 9.4 | 6.8 | +1.0 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 33.0 | +1.5 | 35.1 | 19 | 24.5 | -0.4 | 23.5 | 19 | 52.8 | 101.1 | -168.7 | 28.0 | 02 | 6 | - 6.1 | 9.1 | 5.7 | -0.1 | 1 | 13 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Chaibasa | 32.9 | +1.2 | 35.2 | 19 | 23.3 | -1.4 | 22.5 | 22 | 40.6 | 65.0 | -131.9 | 29.0 | 03 | 7 | - 4.7 | 4.5 | 2.9 | +0.4 | 0 | 10 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 32.8 | +0.8 | 34.8 | 18 | 24.4 | -0.8 | 21.4 | 29 | 33.6 | 107.0 | -135.3 | 50.2 | 12 | 5 | - 5.1 | 6.4 | 3.8 | +0.2 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 31.7 | -1.3 | 34.0 | 29 | 24.2 | -0.3 | 22.0 | 18 | 72.8 | 155.2 | -114.2 | 45.0 | 12 | 7 | - 3.0 | 5.6 | 3.2 | -3.2 | 0 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Darbhanga | 33.3 | +1.1 | 35.4 | 28 | 25.7 | -0.1 | 23.9 | 29 | 7.4 | 25.8 | -216.5 | 15.6 | 11 | 3 | - 6.8 | 6.0 | 3.9 | -0.8 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | 33.2 | .. | 35.3 | 28 | 24.6 | .. | 21.9 | 29 | 28.8 | 38.6 | -184.7 | 18.6 | 12 | 4 | - 5.6 | .. | .. | .. | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 35.1 | .. | 37.8 | 29 | 25.6 | .. | 22.6 | 03 | 13.5 | 21.1 | -199.8 | 11.8 | 10 | 2 | - 6.9 | 5.4 | 3.9 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 32.0 | -0.2 | 34.3 | 29 | 23.4 | -1.9 | 22.0 | 28 | 82.4 | 155.0 | -113.2 | 54.8 | 15 | 11 | - 0.9 | 3.8 | 1.9 | -2.1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 35.0 | +2.7 | 37.4 | 30 | 25.5 | -0.8 | 24.5 | 30 | 4.3 | 13.3 | -224.4 | 10.0 | 05 | 1 | - 8.7 | 6.4 | 6.1 | -0.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 34.2 | +2.2 | 36.6 | 27 | 24.9 | -0.9 | 22.3 | 27 | 13.5 | 25.9 | -218.3 | 10.5 | 10 | 2 | - 8.8 | 9.5 | 5.4 | -0.7 | 0 | 7 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 46.4 | -204.2 | 42.2 | 05 | 2 | - 8.0 | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Bhagalpur | 33.5 | +1.0 | 35.9 | 29 | 25.8 | -0.1 | 24.4 | 16 | 40.4 | 69.2 | -176.4 | 29.9 | 05 | 6 | - 4.9 | 7.1 | 4.6 | -1.4 | 0 | 9 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Sabaur | 32.7 | +0.6 | 35.5 | 29 | 24.4 | -1.4 | 23.0 | 28 | 55.8 | 104.8 | -111.6 | 28.8 | 09 | 7 | - 3.3 | 8.1 | 5.2 | -1.9 | 0 | 10 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Jamui | 34.4 | +2.5 | 37.2 | 29 | 24.6 | -0.9 | 22.8 | 28 | 0.0 | 291.2 | + 93.8 | 91.0 | 04 | 7 | - 3.8 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 34.3 | +2.3 | 36.4 | 30 | 24.5 | -1.0 | 21.4 | 29 | 67.6 | 129.1 | - 85.8 | 57.5 | 03 | 4 | - 5.1 | 7.1 | 4.4 | -0.4 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 34.4 | +1.8 | 36.5 | 29 | 24.5 | -1.1 | 22.3 | 28 | 45.3 | 58.6 | -138.8 | 48.4 | 03 | 2 | - 8.3 | 11.5 | 8.0 | -0.8 | 0 | 5 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 34.3 | +1.6 | 36.1 | 02 | 24.9 | 0.0 | 21.0 | 25 | 11.8 | 20.0 | -134.5 | 10.4 | 10 | 2 | - 5.3 | 6.0 | 3.4 | +0.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bahraich | 34.9 | +2.2 | 36.8 | 30 | 23.9 | -1.2 | 20.9 | 28 | 6.8 | 41.2 | -185.6 | 34.4 | 08 | 2 | - 6.0 | 9.1 | 5.6 | +0.2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 33.5 | +1.0 | 34.8 | 29 | 21.7 | -3.7 | 18.2 | 28 | 5.2 | 28.7 | -197.3 | 10.4 | 02 | 3 | - 5.5 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 35.1 | +2.0 | 37.2 | 02 | 24.1 | -1.0 | 19.9 | 28 | 0.0 | 12.6 | -173.0 | 12.6 | 09 | 1 | - 5.6 | 8.3 | 6.5 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 34.6 | +2.1 | 37.0 | 30 | 23.1 | -1.8 | 19.3 | 28 | 20.2 | 23.8 | -220.8 | 17.8 | 10 | 2 | - 8.3 | 6.9 | 5.1 | +0.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 34.7 | +1.7 | 37.0 | 02 | 22.9 | -2.2 | 19.5 | 28 | 6.4 | 20.0 | -193.1 | 13.6 | 08 | 2 | - 6.6 | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 34.7 | +1.8 | 36.7 | 02 | 23.2 | -1.7 | 18.9 | 28 | 7.4 | 19.9 | -126.4 | 11.8 | 08 | 2 | - 5.3 | 12.2 | 7.8 | +0.7 | 3 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Faizabad | 35.0 | +2.6 | 36.6 | 27 | 23.5 | -0.8 | 20.0 | 28 | 0.0 | 2.4 | -175.2 | 2.4 | 04 | 0 | - 9.6 | 4.8 | 2.7 | -0.8 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 34.8 | +2.2 | 36.9 | 26 | 24.7 | -0.9 | 22.3 | 29 | 14.0 | 35.1 | -196.3 | 17.0 | 10 | 4 | - 6.0 | 7.1 | 4.6 | +1.3 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 34.9 | +2.2 | 37.3 | 30 | 23.6 | -1.3 | 19.2 | 28 | 0.0 | 5.2 | -173.9 | 1.9 | 05 | 0 | - 7.6 | 13.8 | 10.1 | +1.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 35.0 | .. | 37.2 | 01 | 23.7 | .. | 19.4 | 28 | 1.8 | 13.0 | .. | 9.0 | 18 | 1 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Sultanpur | 35.5 | +3.0 | 38.0 | 28 | 23.7 | -1.4 | 19.4 | 30 | 3.7 | 19.9 | -189.3 | 16.2 | 05 | 2 | - 5.0 | 6.2 | 4.6 | -0.2 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 34.0 | +2.1 | 36.9 | 28 | 20.5 | -4.8 | 16.4 | 28 | 9.8 | 39.6 | -204.0 | 16.4 | 07 | 4 | - 5.6 | 6.0 | 3.4 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 35.5 | +2.8 | 37.2 | 17 | 23.7 | -1.3 | 19.8 | 28 | 1.1 | 3.1 | -151.8 | 2.0 | 05 | 0 | - 8.0 | 8.0 | 5.2 | +1.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 34.2 | +0.9 | 37.5 | 30 | 19.8 | -5.3 | 17.0 | 30 | 1.8 | 40.0 | -121.3 | 24.2 | 07 | 3 | - 4.8 | 5.4 | 4.1 | -1.0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 36.3 | +3.2 | 38.0 | 28 | 24.6 | -0.2 | 20.7 | 29 | 0.0 | 17.6 | -134.4 | 11.4 | 07 | 2 | - 7.0 | 3.8 | 2.0 | 0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 36.1 | +3.3 | 38.5 | 28 | 24.1 | -1.1 | 20.4 | 29 | 14.7 | 20.4 | -197.0 | 6.5 | 07 | 4 | - 4.5 | 7.6 | 5.0 | -1.6 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 34.9 | +2.5 | 36.8 | 28 | 23.7 | -1.7 | 19.5 | 29 | 25.4 | 44.8 | -216.2 | 17.4 | 07 | 4 | - 6.0 | 13.5 | 10.3 | +1.5 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Varanasi | 35.4 | +2.7 | 37.4 | 30 | 23.7 | -1.7 | 19.4 | 29 | 0.0 | 45.1 | -162.9 | 24.6 | 07 | 3 | - 6.1 | 6.5 | 5.2 | -1.2 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 23.1 | -0.1 | 25.2 | 30 | 14.5 | -1.2 | 11.8 | 30 | 37.4 | 131.4 | -110.4 | 22.6 | 17 | 11 | - 1.7 | .. | .. | .. | 2 | 13 | 0 | 1 | 7 | 1 | 0 | 0 | 0 | 0 |
| Tehri | 32.2 | -0.1 | 34.8 | 04 | 19.9 | -1.8 | 14.4 | 24 | 18.0 | 74.6 | - 70.6 | 21.4 | 08 | 6 | - 1.8 | 4.1 | 2.3 | .. | 0 | 10 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| Dehra Dun | 29.1 | -0.5 | 31.7 | 06 | 20.1 | -1.2 | 16.3 | 24 | 159.1 | 354.2 | + 49.7 | 104.1 | 04 | 12 | + 0.2 | 4.0 | 3.3 | +0.5 | 0 | 12 | 0 | 2 | 10 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 20.7 | .. | 24.1 | 07 | 12.3 | .. | 9.0 | 24 | .. | 253.5 | .. | 45.4 | 11 | 12 | .. | .. | .. | .. | 0 | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 32.9 | +0.5 | 36.4 | 01 | 21.0 | -2.4 | 17.6 | 26 | 4.3 | 169.6 | - 11.3 | 62.7 | 18 | 5 | - 1.2 | 6.7 | 4.8 | +0.6 | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 32.9 | +0.2 | 35.7 | 03 | 22.9 | -0.6 | 17.8 | 26 | 24.8 | 207.6 | + 27.6 | 121.4 | 09 | 5 | - 1.9 | 7.5 | 6.3 | +1.7 | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 34.1 | +0.7 | 37.5 | 02 | 21.4 | -2.9 | 17.4 | 28 | .. | 76.0 | - 75.1 | 27.0 | 09 | 5 | - 0.4 | . | 7.1 | +1.1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 34.7 | +1.7 | 38.0 | 02 | 23.8 | -0.9 | 20.1 | 28 | 5.0 | 28.8 | -165.0 | 17.0 | 09 | 3 | - 4.2 | 10.7 | 7.2 | +3.0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aligarh | 34.6 | +1.1 | 37.8 | 31 | 23.1 | -1.4 | 20.0 | 28 | 8.4 | 24.4 | -132.3 | 14.4 | 08 | 3 | - 4.2 | 12.0 | 8.3 | +1.9 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 35.3 | +1.6 | 38.3 | 02 | 22.7 | -2.0 | 17.6 | 28 | 18.9 | 27.4 | -110.3 | 10.8 | 04 | 4 | - 2.7 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra | 34.9 | +1.7 | 38.5 | 30 | 23.8 | -0.8 | 20.1 | 30 | 13.9 | 14.1 | -119.8 | 10.3 | 08 | 1 | - 5.1 | 7.1 | 4.8 | +0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 35.7 | .. | 42.2 | 30 | 22.9 | .. | 18.5 | 28 | 8.1 | 9.6 | .. | 4.8 | 06 | 1 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Orai | 35.3 | +2.3 | 38.0 | 02 | 23.4 | -0.7 | 20.4 | 29 | 45.0 | 55.2 | - 98.4 | 44.2 | 03 | 3 | - 4.5 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 34.6 | +2.1 | 37.5 | 02 | 23.1 | -1.0 | 20.2 | 21 | 17.0 | 47.6 | -107.6 | 19.8 | 06 | 4 | - 3.2 | 4.6 | 4.8 | -0.7 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 32.1 | -0.7 | 35.0 | 03 | 21.4 | -1.0 | 17.2 | 24 | 133.1 | 237.1 | + 65.8 | 193.3 | 09 | 4 | - 3.5 | .. | .. | .. | 0 | 6 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 33.2 | -1.2 | 37.4 | 03 | 22.6 | -0.7 | 19.0 | 26 | 119.1 | 225.1 | +130.0 | 94.8 | 08 | 4 | + 0.2 | 7.9 | 5.5 | -1.4 | 0 | 6 | 0 | 0 | 3 | 1 | 1 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 34.3 | .. | 37.2 | 03 | 21.6 | .. | 17.2 | 30 | 73.1 | 171.1 | .. | 91.1 | 08 | 4 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 0 |
| Ludhiana | 34.8 | -0.5 | 39.2 | 04 | 23.0 | -0.9 | 19.4 | 30 | 56.1 | 143.3 | + 27.5 | 66.2 | 08 | 5 | + 1.0 | 4.9 | 2.9 | 0.0 | 0 | 6 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Ferozepur | 33.2 | -1.4 | 37.6 | 04 | .. | .. | .. | .. | 109.0 | 175.0 | + 52.7 | 99.0 | 08 | 5 | + 1.6 | 3.1 | 2.4 | +0.4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 33.3 | .. | 37.5 | 04 | 21.2 | .. | 16.1 | 27 | 89.6 | 150.4 | .. | 48.2 | 06 | 6 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 6 | 0 | 3 | 3 | 0 | 0 |
| Chandigarh | 32.9 | +0.4 | 35.6 | 03 | 21.2 | -1.0 | 18.2 | 30 | 7.3 | 24.8 | -201.6 | 16.5 | 08 | 3 | - 3.7 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 33.8 | -1.6 | 37.2 | 04 | 22.7 | -1.2 | 17.4 | 26 | 0.0 | 35.3 | -109.5 | 25.2 | 08 | 2 | - 3.1 | 6.8 | 6.3 | +1.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 33.4 | .. | 36.5 | 03 | 21.9 | .. | 16.7 | 27 | 4.0 | 53.2 | .. | 26.5 | 08 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 5 | 0 | 0 | 1 | 0 | 0 |
| Patiala | 34.4 | 0.0 | 38.2 | 03 | 22.9 | -0.9 | 19.0 | 27 | 10.4 | 32.6 | - 79.9 | 32.6 | 09 | 1 | - 3.6 | 9.7 | 7.6 | +1.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 33.3 | -2.1 | 37.2 | 04 | 21.4 | -2.5 | 17.9 | 27 | 93.5 | 162.1 | + 57.1 | 60.2 | 08 | 4 | 0.0 | 7.1 | 4.3 | -0.4 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | 33.0 | -0.3 | 37.0 | 04 | 23.2 | -0.4 | 26.3 | 01 | 0.3 | 38.8 | - 97.4 | 27.5 | 09 | 2 | - 3.4 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 34.8 | -0.9 | 38.5 | 04 | 22.7 | -1.2 | 19.0 | 26 | 3.3 | 99.2 | + 18.2 | 50.6 | 07 | 6 | + 2.5 | 8.9 | 6.8 | -0.1 | 0 | 7 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 33.7 | -0.4 | 37.6 | 30 | 23.4 | -1.2 | 20.4 | 28 | 38.7 | 68.1 | - 66.8 | 17.9 | 05 | 6 | + 1.1 | 15.8 | 11.0 | +1.4 | 1 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Palam (Aerodrome) | 34.1 | .. | 37.4 | 02 | 21.7 | .. | 17.6 | 27 | 7.0 | 20.8 | .. | 5.5 | 06 | 4 | .. | .. | .. | .. | 1 | 7 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 29.8 | -0.1 | 35.7 | 05[ds] | 19.2 | -0.1 | 15.6 | 27 | 27.4 | 130.3 | - 93.1 | 44.0 | 17 | 7 | - 5.9 | .. | .. | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 30.9 | -0.5 | 33.5 | 01 | 18.6 | -3.0 | 15.2 | 28 | 60.0 | 184.8 | + 10.8 | 59.5 | 08 | 8 | + 7.1 | .. | .. | .. | 0 | 8 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras ● | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | 56.2[b] | - 34.2 | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh | 18.9 | -2.0 | 25.2 | 01 | 3.3 | -2.1 | - 2.5 | 27 | 4.0 | 31.2 | + 22.1 | 14.6 | 09 | 4 | + 2.9 | 6.4 | 5.1 | +0.5 | 0 | 9 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar | 24.7 | -3.6 | 32.0 | 03 | 12.1 | -0.6 | 7.5 | 26 | 49.4 | 96.5 | + 56.6 | 49.4 | 09 | 4 | + 0.6 | 5.2 | 4.0 | +0.3 | 1 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 23.0 | .. | 28.3 | 01 | 11.9 | .. | 7.2 | 24 | 45.2 | 122.9 | .. | 56.0 | 09 | 5 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | 15.0 | -3.2 | 23.0 | 03 | 4.9 | -0.6 | 0.3 | 26 | 102.9 | 182.0 | +112.4 | 83.2 | 09 | 6 | + 0.7 | 7.6 | 4.3 | -0.8 | 0 | 16 | 0 | 1 | 12 | 2 | 0 | 0 | 0 | 0 |
| Qazigund | 23.2 | .. | 27.9 | 03 | 10.9 | .. | 6.2 | 24 | 168.5 | 313.1 | .. | 160.9 | 09 | 8 | .. | 4.7 | 3.9 | .. | 1 | 10 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 24.6 | .. | 28.4 | 03 | 11.1 | .. | 6.1 | 27 | 90.8 | 170.0 | .. | 85.6 | 09 | 4 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 32.0 | -1.3 | 35.3 | 03 | 22.0 | -1.9 | 18.5 | 09 | 139.6 | 219.8 | + 96.1 | 170.3 | 09 | 5 | + 0.3 | 4.9 | 4.4 | .. | 0 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 32.4 | .. | 35.5 | 03 | 22.0 | .. | 18.0 | 26 | 85.4 | 189.3 | .. | 137.2 | 09 | 5 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 8 | 0 | 1 | 0 | 0 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 34.6 | -2.0 | 39.8 | 03 | 22.3 | -1.8 | 18.5 | 22 | 53.3 | 153.5 | + 58.1 | 40.0 | 08 | 8 | + 4.4 | 3.4 | 2.8 | -3.4 | 0 | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | 39.9 | .. | 45.4 | 04 | 26.9 | .. | 24.6 | 22 | 0.0 | 11.4 | .. | 6.8 | 05 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahajan | 36.0 | .. | 40.0 | 30 | 23.7 | .. | .. | .. | 15.2 | 49.0 | .. | 23.0 | 05 | 3 | .. | 20.7 | 8.9 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 34.6 | -0.4 | 38.5 | 30 | 22.9 | -1.2 | 19.7 | 28 | 43.9 | 58.6 | + 5.1 | 41.0 | 09 | 2 | - 1.5 | 12.8 | 9.0 | -0.2 | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 35.4 | -1.2 | 40.2 | 30 | 24.1 | -1.1 | 21.1 | 22 | 21.3 | 53.3 | + 13.2 | 33.5 | 08 | 3 | + 0.8 | 12.0 | 10.1 | +0.7 | 0 | 6 | 0 | 0 | 7 | 0 | 1 | 0 | 0 | 0 |
| Nagaur | 35.4 | +1.6 | 41.4 | 30 | 23.1 | -1.3 | 20.9 | 13 | 5.8 | 13.0 | - 14.4 | 5.0 | 08 | 3 | + 0.7 | 12.0 | 10.5 | +1.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phalodi | 35.8 | +0.3 | 40.7 | 29 | 23.0 | -1.6 | 20.0 | 16 | 4.5 | 17.5 | - 8.9 | 13.0 | 05 | 2 | 0.0 | 19.1 | 14.6 | -2.0 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jaisalmer | 37.2 | +0.9 | 43.0 | 26 | 22.1 | -2.4 | 12.9 | 16 | 0.0 | 2.6 | - 13.0 | 2.6 | 08 | 1 | + 0.1 | 20.9 | 16.6 | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 35.2 | +0.5 | 40.8 | 30 | 23.3 | -0.8 | 20.8 | 23 | 18.9 | 49.1 | - 8.3 | 28.4 | 08 | 2 | - 0.6 | 10.6 | 8.8 | -1.8 | 2 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Barmer | 37.0 | +1.7 | 42.6 | 30 | 24.7 | +0.2 | 22.2 | 24 | 1.6 | 6.8 | - 13.5 | 4.2 | 05 | 1 | - 0.4 | 10.2 | 8.8 | -0.8 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 33.8 | +2.1 | 37.5 | 29 | 22.8 | -1.1 | 20.0 | 28 | 32.3 | 159.5 | - 1.8 | 144.0 | 08 | 4 | - 3.4 | 6.6 | 5.8 | -1.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 34.8 | +0.5 | 38.5 | 02 | 21.4 | -2.7 | 18.0 | 27 | 26.0 | 48.6 | - 27.1 | 25.0 | 09 | 3 | - 2.5 | 14.0 | 11.0 | +0.9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 34.1 | +0.4 | 39.2 | 30 | 21.7 | -1.4 | 17.9 | 28 | 40.4 | 94.6 | + 21.4 | 62.9 | 09 | 3 | - 1.1 | 10.9 | 7.3 | 0.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 34.4 | +1.0 | 38.5 | 30 | .. | .. | .. | .. | 27.5 | 52.9 | - 99.3 | 17.2 | 04 | 6 | - 1.2 | 3.3 | 2.1 | -1.7 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 33.2 | 0.0 | 37.6 | 30 | 22.0 | -1.0 | 20.0 | 10 | 18.3 | 25.2 | - 59.6 | 10.1 | 09 | 5 | 0.0 | .. | .. | .. | 0 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dholpur | 35.0 | +1.6 | 38.7 | 30 | 22.4 | -2.0 | 18.2 | 28 | 22.7 | 41.7 | - 87.5 | 12.5 | 19 | 5 | - 2.3 | 6.2 | 4.8 | -0.6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 32.8 | +0.7 | 36.8 | 30 | 22.8 | -0.9 | 20.5 | 28 | 76.6 | 157.0 | + 84.1 | 77.0 | 08 | 4 | - 0.1 | 12.1 | 8.8 | +0.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 33.0 | +0.2 | 38.2 | 30 | 22.8 | -1.2 | 20.1 | 28 | 47.8 | 97.0 | - 63.4 | 35.4 | 07 | 7 | - 0.6 | 8.3 | 7.7 | +0.5 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 32.7 | .. | 36.7 | 30 | 20.1 | .. | 18.3 | 29 | 59.8 | 377.2 | .. | 255.2 | 07 | 8 | .. | 9.4 | 7.2 | .. | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kota | 34.1 | +1.0 | 37.2 | 30 | 22.4 | -2.3 | 20.8 | 08 | 12.2 | 32.4 | - 96.6 | 15.0 | 07 | 3 | - 3.0 | 7.0 | 5.8 | +0.3 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 34.5 | .. | 37.8 | 30 | 23.3 | .. | 16.4 | 08 | 8.2 | 32.4 | .. | 19.6 | 07 | 4 | .. | 13.0 | 11.1 | .. | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 33.1 | +1.2 | 37.1 | 30 | 22.0 | -0.8 | 19.6 | 29 | 76.1 | 115.6 | -174.0 | 33.5 | 07 | 6 | - 3.3 | 9.1 | 6.3 | +0.4 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 31.3 | +0.4 | 35.7 | 30 | 19.3 | -2.8 | 17.1 | 23 | 64.1 | 176.6 | + 70.4 | 55.6 | 08 | 6 | + 0.3 | 4.7 | 2.7 | -1.0 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 33.6 | +1.7 | 37.4 | 30 | .. | .. | .. | .. | 36.0 | 44.4 | -131.6 | 12.6 | 07 | 4 | - 4.2 | 8.5 | 6.0 | +0.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 33.1 | .. | 37.6 | 30 | 22.3 | .. | 19.9 | 18 | 68.0 | 131.2 | .. | 51.0 | 07 | 5 | .. | 7.8 | 7.7 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 34.1 | +1.7 | 37.4 | 30 | 23.1 | -1.3 | 19.2 | 27 | 3.8 | 20.3 | -157.9 | 9.4 | 07 | 2 | - 5.5 | 11.1 | 6.8 | +0.9 | 0 | 6 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 33.4 | +0.9 | 37.2 | 29 | 22.3 | -1.2 | 19.7 | 29 | 67.4 | 147.8 | + 35.4 | 43.6 | 07 | 5 | - 1.0 | 9.3 | 7.3 | +1.2 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 31.6 | .. | 35.0 | 30 | 19.1 | .. | 14.8 | 29 | 26.2 | 55.2 | .. | 22.2 | 06 | 4 | .. | 11.7 | 6.8 | .. | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 34.4 | +1.9 | 36.9 | 29 | 21.8 | -1.8 | 17.3 | 29 | 19.0 | 27.6 | -135.0 | 13.2 | 19 | 4 | - 3.5 | 7.3 | 4.8 | +0.4 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guna | 32.0 | +1.3 | 35.8 | 30 | 20.7 | -1.4 | 16.8 | 29 | 24.7 | 46.3 | -189.4 | 21.2 | 07 | 4 | - 4.3 | 11.5 | 7.7 | +0.3 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 31.5 | +0.8 | 36.0 | 30 | 21.5 | -0.6 | 19.6 | 08 | 18.3 | 37.7 | - 95.9 | 9.2 | 08 | 5 | - 1.4 | 11.5 | 9.5 | -0.5 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 32.7 | +1.7 | 36.3 | 30 | 21.3 | -1.0 | 17.1 | 29 | 13.2 | 43.7 | -109.3 | 18.1 | 07 | 6 | - 2.3 | 10.6 | 7.2 | -1.4 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 33.7 | +4.4 | 39.7 | 30 | 21.7 | 0.0 | 20.9 | 18 | 12.0 | 26.8 | -169.0 | 16.0 | 07 | 2 | - 7.7 | 5.9 | 7.4 | -2.2 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 31.6 | +1.4 | 35.8 | 30 | 19.9 | -2.1 | 17.5 | 16 | 43.5 | 137.7 | -124.8 | 79.4 | 07 | 5 | - 4.7 | 11.6 | 8.3 | +0.6 | 1 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 31.4 | +1.3 | 34.8 | 30 | 20.6 | -1.3 | 18.7 | 29 | 52.5 | 70.9 | -169.1 | 22.5 | 05 | 6 | - 3.9 | 13.6 | 10.4 | +1.4 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Ujjain | 31.4 | .. | 34.9 | 30 | 20.0 | .. | 15.9 | 29 | 26.4 | 66.9 | .. | 24.0 | 07 | 8 | .. | 12.3 | 8.3 | .. | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 33.3 | .. | 35.4 | 22 | 20.3 | .. | 16.4 | 24 | 7.0 | 71.2 | .. | 55.2 | 04 | 2 | .. | 7.8 | 4.0 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 32.4 | +1.7 | 34.9 | 30 | 20.0 | -3.2 | 17.4 | 17 | 49.4 | 132.6 | - 82.8 | 50.0 | 04 | 7 | - 2.6 | 5.1 | 4.2 | -0.2 | 0 | 7 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Indore | 30.7 | +1.4 | 34.5 | 30 | 19.9 | -1.1 | 18.3 | 12 | 69.5 | 144.7 | - 29.0 | 39.9 | 02 | 8 | - 0.5 | 17.4 | 13.3 | -5.2 | 1 | 9 | 0 | 0 | 7 | 1 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 31.8 | +1.5 | 36.6 | 30 | .. | .. | .. | .. | 40.6 | 145.4 | - 23.1 | 70.2 | 06 | 6 | - 3.3 | 12.9 | 8.7 | -0.5 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 30.4 | +1.4 | 33.0 | 30 | 20.3 | -1.0 | 17.7 | 30 | 32.0 | 93.4 | -101.9 | 27.8 | 06 | 8 | - 3.2 | 9.9 | 5.7 | -0.7 | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 31.0 | +1.8 | 33.4 | 29 | 21.1 | -0.5 | 19.4 | 30 | 74.0 | 175.2 | - 27.2 | 54.8 | 05 | 10 | - 0.7 | 9.9 | 5.9 | -0.1 | 0 | 14 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Betul | 29.8 | +1.5 | 32.4 | 26 | 20.0 | -1.0 | 17.0 | 30 | 37.2 | 124.4 | -131.5 | 31.9 | 05 | 8 | - 3.4 | 7.4 | 4.4 | -1.7 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 32.7 | +1.7 | 36.8 | 30 | 21.8 | -0.9 | 19.4 | 30 | 62.1 | 169.3 | + 22.0 | 42.6 | 06 | 7 | - 0.4 | 11.5 | 8.5 | -1.1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 33.4 | +1.9 | 36.3 | 29 | 22.6 | -1.2 | 19.4 | 29 | 25.6 | 34.5 | -148.6 | 17.0 | 05 | 4 | - 5.2 | 6.6 | 5.1 | -0.2 | 1 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 34.4 | .. | 36.5 | 02 | 22.0 | .. | 18.4 | 28 | 26.7 | 36.2 | .. | 16.2 | 20 | 3 | .. | 7.3 | 4.6 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 34.6 | +2.7 | 36.2 | 28 | 22.5 | -1.2 | 18.4 | 27 | 19.2 | 44.4 | -192.9 | 19.2 | 06 | 4 | - 7.2 | 5.9 | 3.9 | -1.6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 32.9 | +2.4 | 35.0 | 22 | 21.9 | -0.9 | 17.8 | 30 | 11.2 | 15.8 | -220.1 | 11.4 | 04 | 1 | -10.1 | 7.9 | 5.1 | +0.6 | 0 | 4 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 33.0 | +2.2 | 35.1 | 22 | 22.6 | -0.5 | 19.5 | 30 | 17.6 | 66.8 | -144.5 | 22.0 | 03 | 4 | - 5.9 | 7.9 | 5.1 | -0.6 | 1 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 31.3 | +1.8 | 33.1 | 23 | 21.7 | -0.4 | 18.6 | 10 | 24.0 | 43.6 | -180.2 | 15.8 | 06 | 4 | - 8.4 | 12.5 | 7.8 | +0.3 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 29.3 | .. | 31.4 | 16 | 20.2 | .. | 18.6 | 26 | 41.8 | 89.0 | .. | 17.2 | 03 | 10 | .. | 8.5 | 5.9 | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 30.4 | +1.5 | 32.1 | 30 | 21.6 | -0.4 | 19.3 | 29 | 33.3 | 45.5 | -160.8 | 10.7 | 05 | 7 | - 4.4 | 8.4 | 5.6 | -0.2 | 0 | 7 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 32.0 | +1.8 | 34.2 | 30 | 21.1 | -1.2 | 18.8 | 30 | 3.8 | 57.6 | -151.6 | 39.2 | 05 | 3 | - 8.3 | 6.7 | 3.5 | +0.4 | 1 | 5 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Champa | 32.9 | +1.4 | 35.2 | 22 | 24.4 | -0.3 | 23.0 | 30 | 79.0 | 97.2 | -136.9 | 33.6 | 02 | 7 | - 4.9 | 7.3 | 4.8 | -0.6 | 0 | 10 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 33.7 | +1.9 | 36.5 | 17 | 24.3 | -0.4 | 22.5 | 26 | 49.0 | 93.8 | -247.6 | 17.2 | 08 | 10 | - 4.7 | 6.6 | 5.0 | -0.3 | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 32.7 | +1.7 | 35.0 | 18 | 23.6 | -0.5 | 22.0 | 30 | 30.7 | 57.1 | -156.0 | 18.9 | 04 | 7 | - 3.5 | 9.0 | 7.1 | -0.3 | 0 | 7 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 31.3 | +1.4 | 33.9 | 23 | 23.4 | +0.3 | 21.6 | 26 | 29.9 | 120.7 | -123.9 | 43.6 | 04 | 5 | - 7.1 | 7.5 | 5.8 | -0.2 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 29.9 | +0.4 | 33.4 | 18 | 22.5 | +0.2 | 21.0 | 06 | 100.2 | 247.9 | - 13.5 | 121.9 | 04 | 9 | - 4.9 | .. | .. | .. | 2 | 12 | 0 | 0 | 6 | 2 | 0 | 0 | 2 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 34.7 | +1.7 | 39.5 | 30 | 22.9 | -0.6 | 20.3 | 28 | 48.4 | 292.4 | +207.1 | 246.4 | 08 | 3 | - 0.8 | 9.1 | 6.8 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 34.7 | +0.9 | 39.5 | 28 | 24.7 | +0.7 | 20.2 | 24 | 18.6 | 41.1 | -192.3 | 29.1 | 08 | 2 | - 4.6 | 8.8 | 6.5 | -0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 32.1 | +0.7 | 37.3 | 30 | 22.4 | -0.6 | 19.7 | 24 | 47.6 | 208.4 | + 53.8 | 144.2 | 08 | 4 | - 4.1 | 6.9 | 3.8 | -2.0 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 34.3 | +1.2 | 39.0 | 30 | 24.0 | -0.2 | 20.5 | 29 | 112.1 | 200.4 | + 83.6 | 143.0 | 08 | 4 | - 1.2 | 5.7 | 4.0 | -3.0 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 31.8 | +1.5 | 36.7 | 30 | 21.9 | -0.7 | 19.9 | 08 | 45.4 | 168.0 | - 7.6 | 67.2 | 06 | 6 | - 1.0 | 14.2 | 12.6 | -4.2 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 34.0 | .. | 38.5 | 04 | 23.5 | .. | 20.6 | 08 | 20.6 | 291.8 | .. | 191.6 | 07 | 4 | .. | 8.7 | 5.5 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 33.7 | +1.0 | 38.2 | 30 | 23.3 | -1.1 | 21.6 | 30 | 33.8 | 136.4 | - 37.3 | 34.8 | 07 | 6 | - 1.3 | 8.2 | 6.5 | -1.4 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 34.5 | +1.9 | 39.3 | 27 | 23.9 | -0.2 | 21.7 | 08 | 47.0 | 143.6 | - 31.5 | 42.0 | 07 | 7 | + 0.1 | 7.4 | 5.7 | +0.9 | 0 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Broach | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11.5 | 7.8 | +0.2 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 33.5 | +1.9 | 39.0 | 26 | 24.1 | 0.0 | 22.4 | 13 | 77.4 | 154.6 | - 11.5 | 100.4 | 07 | 5 | - 3.0 | 9.7 | 7.7 | +0.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 33.0 | +2.2 | 39.8 | 29 | 23.1 | -1.1 | 19.8 | 25 | 0.0 | 25. | -218.6 | 13.2 | 07 | 2 | - 3.3 | 20.2 | 14.4 | -0.3 | 0 | 2 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 35.1 | +1.9 | 40.1 | 30 | 24.0 | -0.1 | 22.1 | 24 | 18.2 | 34. | - 14.2 | 33.8 | 07 | 1 | - 1.2 | 18.6 | 14.4 | +1.4 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 34.9 | .. | 40.4 | 30 | 23.6 | .. | 20.5 | 24 | 14.0 | 61.0 | .. | 44.0 | 07 | 3 | .. | 21.2 | 18.1 | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 33.7 | +1.6 | 37.9 | 30 | 24.7 | -0.5 | 20.3 | 08 | 19.0 | 89.8 | + 22.2 | 78.0 | 07 | 3 | - 2.0 | 21.7 | 18.9 | -2.7 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 31.6 | +1.1 | 38.9 | 30 | 25.3 | -0.1 | 22.0 | 25 | 8.1 | 8.1 | - 96.3 | 6.1 | 07 | 1 | - 5.2 | 21.0 | 16.8 | -9.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 34.7 | +1.5 | 39.2 | 30 | 24.3 | 0.0 | 21.8 | 09 | 64.4 | 191.0 | + 54.3 | 102.0 | 07 | 4 | - 3.3 | 11.0 | 11.7 | -1.6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 30.1 | .. | 31.0 | 06 | 24.8 | .. | 23.9 | 11 | 5.8 | 25.0 | .. | 16.8 | 07 | 2 | .. | 19.9 | 17.7 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 33.3 | +1.4 | 38.7 | 30 | 23.0 | -0.9 | 21.1 | 20 | 3.4 | 59.1 | + 2.5 | 55.7 | 07 | 1 | - 1.7 | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 30.6 | +1.1 | 35.3 | 29 | 25.5 | +0.1 | 23.6 | 29 | 15.0 | 21.8 | - 16.8 | 21.8 | 07 | 1 | - 1.0 | 16.9 | 15.5 | +0.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 34.1 | +1.2 | 38.8 | 29 | 22.7 | -0.2 | 21.2 | 16 | 40.4 | 102.0 | - 55.3 | 37.6 | 07 | 5 | - 1.1 | 20.5 | 17.4 | 0.0 | 0 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Bhavnagar Aerodrome | 34.0 | +0.8 | 38.6 | 30 | 24.1 | -0.1 | 22.0 | 10 | 49.2 | 151.9 | + 24.3 | 93.4 | 07 | 5 | - 1.7 | 20.5 | 17.0 | +7.0 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 32.3 | +2.5 | 40.3 | 30 | 24.4 | -0.7 | 21.7 | 24 | 10.1 | 26.7 | - 62.7 | 16.0 | 07 | 2 | - 2.8 | 18.9 | 13.6 | .. | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 33.5 | +2.4 | 39.2 | 29 | 22.5 | -0.8 | 20.6 | 30 | 6.4 | 75.5 | - 54.0 | 33.8 | 07 | 3 | - 4.0 | 20.2 | 15.3 | -0.4 | 1 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mahuva | 33.7 | .. | 39.0 | 26 | 23.5 | .. | 20.8 | 15 | 25.3 | 59.2 | - 81.9 | 24.8 | 07 | 3 | - 3.9 | 8.1 | 9.7 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 31.7 | +2.1 | 37.8 | 26 | 24.2 | -0.4 | 22.3 | 25 | 6.1 | 97.8 | + 36.6 | 62.9 | 07 | 3 | - 0.8 | 20.8 | 18.6 | +3.3 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 31.7 | +2.1 | 36.7 | 07 | 22.9 | -1.4 | 22.5 | 13 | 91.8 | 212.3 | -148.0 | 68.6 | 07 | 8 | - 3.5 | 17.6 | 12.3 | -4.0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Bombay (Santa Cruz) | 31.1 | +1.2 | 35.3 | 27 | 24.1 | +0.2 | 22.8 | 28 | 117.8 | 354.5 | + 23.2 | 118.8 | 04 | 13 | + 0.6 | 13.1 | 9.3 | -1.5 | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 31.1 | +1.0 | 34.9 | 28 | 25.1 | +0.4 | 22.7 | 25 | 50.2 | 183.5 | -102.5 | 59.7 | 04 | 10 | - 2.6 | 11.2 | 9.8 | -0.2 | 0 | 16 | 0 | 0 | 6 | 0 | 0 | 0 | 4 | 0 |
| Alibag | 30.6 | +1.4 | 34.5 | 27 | 24.5 | +0.1 | 23.3 | 14 | .. | 149.9 | -191.0 | 51.2 | 03 | 9 | - 5.6 | . | 9.8 | -3.9 | 0 | 15 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 31.5 | .. | 36.0 | 27 | 23.3 | .. | 21.7 | 15 | 150.6 | 492.2 | .. | 110.6 | 04 | 14 | .. | 3.4 | 1.9 | .. | 0 | 19 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 28.7 | +0.2 | 30.0 | 30 | 24.5 | +0.2 | 22.6 | 05 | 151.5 | 444.9 | +102.7 | 169.5 | 05 | 13 | - 2.4 | 13.8 | 11.8 | -1.4 | 1 | 16 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 29.6 | +0.5 | 33.2 | 28 | 23.9 | +0.1 | 22.4 | 04 | 193.4 | 375.3 | + 42.0 | 128.4 | 04 | 13 | - 2.5 | 10.6 | 8.3 | .. | 0 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 29.0 | -0.1 | 32.9 | 27 | 24.2 | +0.2 | 22.3 | 03 | 118.8 | 309.2 | - 17.8 | 105.0 | 03 | 10 | - 6.1 | 15.3 | 13.8 | -0.8 | 0 | 12 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 29.7 | +0.3 | 33.1 | 27 | 23.5 | 0.0 | 22.2 | 12 | 150.8 | 566.0 | +228.3 | 116.3 | 02 | 17 | + 0.8 | 10.5 | 5.8 | .. | 1 | 17 | 0 | 0 | 8 | 2 | 0 | 0 | 0 | 0 |
| Panjim | 29.8 | .. | 32.6 | 27 | 23.8 | .. | 22.4 | 03 | 85.7 | 315.9 | .. | 67.8 | 03 | 14 | .. | 12.4 | 9.5 | .. | 1 | 20 | 0 | 0 | 7 | 2 | 0 | 0 | 1 | 0 |
| Mormugao | 28.9 | +0.8 | 31.4 | 28 | 23.5 | -0.3 | 21.6 | 03 | 78.5 | 300.8 | + 75.3 | 106.1 | 03 | 13 | - 1.5 | 14.8 | 12.4 | +1.2 | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 29.8 | .. | 32.7 | 27 | 24.2 | .. | 21.8 | 03 | 93.4 | 330.2 | .. | 126.2 | 03 | 13 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 33.3 | +2.5 | 38.0 | 30 | 23.3 | +0.2 | 21.1 | 17 | 23.2 | 98.4 | - 58.9 | 37.0 | 07 | 5 | - 3.6 | 11.0 | 8.3 | -0.8 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 33.5 | +1.7 | 37.3 | 30 | 22.1 | -0.8 | 18.5 | 30 | 59.4 | 149.2 | - 4.4 | 53.6 | 07 | 6 | - 1.8 | 13.8 | 10.8 | +0.1 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 32.2 | +1.1 | 35.6 | 30 | 20.6 | -0.7 | 18.1 | 18 | 36.0 | 69.8 | - 72.2 | 28.8 | 05 | 5 | - 3.1 | 11.3 | 8.2 | -0.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 30.7 | .. | 33.8 | 30 | 19.3 | .. | 15.8 | 13 | 74.8 | 158.7 | .. | 89.4 | 07 | 5 | .. | 16.2 | 12.0 | .. | 1 | 7 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 |
| Ahmadnagar | 30.8 | +0.9 | 34.2 | 20 | 20.5 | +0.2 | 16.8 | 13 | 62.2 | 96.1 | - 79.4 | 24.1 | 06 | 8 | - 0.4 | 10.5 | 6.6 | -1.1 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 471.6 | -199.5 | 102.2 | 06 | 14 | - 7.6 | .. | .. | .. | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poona (Aerodrome) | 30.7 | .. | 34.0 | 20 | 20.0 | .. | 17.2 | 14 | 48.4 | 164.3 | .. | 42.9 | 20 | 12 | .. | .. | .. | .. | 0 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 2 | 0 |
| Poona | 29.9 | +1.1 | 33.0 | 16 | 20.5 | -0.2 | 16.9 | 13 | 27.3 | 101.3 | - 28.8 | 24.0 | 20 | 12 | + 4.5 | 9.7 | 6.1 | .. | 2 | 15 | 0 | 0 | 5 | 0 | 0 | 0 | 2 | 0 |
| Jeur | 30.4 | -1.0 | 33.9 | 18 | 21.1 | +0.2 | 17.8 | 08 | 43.6 | 100.0 | - 41.3 | 26.3 | 24 | 9 | + 1.3 | 12.7 | 9.5 | -2.6 | 0 | 12 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 31.4 | +0.9 | 35.3 | 20 | 21.3 | +0.3 | 17.1 | 13 | 53.6 | 86.2 | - 43.7 | 28.8 | 22 | 7 | 0.0 | 13.4 | 10.0 | -3.6 | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 31.2 | -0.3 | 34.5 | 16 | 21.6 | +0.1 | 20.0 | 08 | 41.0 | 308.0 | +118.3 | 81.7 | 04 | 13 | + 4.0 | 10.6 | 8.1 | -1.2 | 0 | 17 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 30.2 | +0.8 | 33.4 | 16 | 21.0 | +0.5 | 17.5 | 13 | 17.0 | 112.0 | + 6.8 | 45.0 | 21 | 9 | + 3.1 | .. | .. | .. | 1 | 12 | 0 | 0 | 9 | 2 | 0 | 0 | 0 | 0 |
| Kolhapur | 29.3 | +0.8 | 33.6 | 20 | 20.7 | +0.3 | 18.4 | 13 | 37.4 | 151.4 | + 55.6 | 27.0 | 20 | 12 | + 4.1 | 8.3 | 5.4 | -6.6 | 0 | 19 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Udgirl | 24.7 | .. | 27.7 | 26 | 18.6 | .. | 16.8 | 14 | 346.1 | 744.4 | .. | 133.2 | 07 | 18 | .. | 12.5 | 11.4 | .. | 0 | 19 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 30.8 | +1.0 | 33.6 | 26 | 20.9 | 0.0 | 18.6 | 18 | 45.8 | 115.0 | - 55.2 | 35.2 | 06 | 7 | - 1.9 | 12.3 | 9.9 | -2.6 | 1 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 30.8 | +1.0 | 33.8 | 26 | 20.1 | -0.5 | 16.9 | 25 | 45.2 | 97.8 | - 37.8 | 49.8 | 06 | 5 | - 3.7 | 14.8 | 11.2 | -2.9 | 1 | 10 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 31.5 | +0.4 | 34.4 | 30 | 21.6 | -0.3 | 19.8 | 13 | 133.2 | 25.7 | -189.4 | 56.2 | 05 | 8 | - 2.0 | 10.5 | 7.5 | -2.7 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nander | 31.4 | .. | 35.2 | 17 | 21.5 | .. | 19.6 | 12 | 83.4 | 321.8 | .. | 102.1 | 05 | 10 | .. | 9.2 | 6.4 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 31.4 | .. | 34.5 | 24 | 21.4 | .. | 19.0 | 11 | 46.0 | 188.8 | .. | 36.6 | 01 | 11 | .. | 9.1 | 5.8 | .. | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 32.7 | +1.9 | 34.9 | 23 | 23.7 | -0.2 | 19.2 | 23 | 136.7 | 198.1 | - 23.1 | 64.9 | 03 | 8 | - 3.5 | 4.5 | 3.2 | -1.0 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 32.8 | +1.3 | 35.3 | 22 | 22.5 | -0.6 | 21.5 | 30 | 74.9 | 176.7 | - 8.0 | 65.0 | 02 | 11 | + 0.9 | 13.4 | 10.4 | .. | 1 | 11 | 0 | 0 | 6 | 0 | 0 | 0 | 3 | 0 |
| Amraoti | 32.7 | +2.1 | 36.1 | 22 | 22.9 | +0.2 | 21.0 | 13 | 63.2 | 129.4 | - 35.7 | 35.6 | 04 | 7 | - 1.8 | 12.9 | 9.5 | -0.6 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 33.0 | .. | 36.4 | 26 | 19.7 | .. | 16.9 | 30 | 35.2 | 86.9 | .. | 22.0 | 02 | 7 | .. | 13.2 | 9.9 | .. | 1 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Akola | 32.6 | +1.1 | 36.6 | 25 | 22.9 | -0.2 | 20.9 | 30 | 33.6 | 92.3 | - 59.6 | 25.3 | 07 | 5 | - 2.5 | 10.5 | 7.7 | -2.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 32.4 | +1.5 | 35.0 | 23 | 23.0 | -0.7 | 21.4 | 03 | 23.4 | 194.3 | -127.4 | 56.7 | 05 | 10 | - 1.3 | 7.1 | 5.0 | -0.8 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 29.5 | +1.4 | 33.0 | 04 | 21.2 | 0.0 | 19.0 | 11 | 68.7 | 193.0 | - 13.0 | 79.3 | 06 | 7 | - 1.9 | .. | .. | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 31.5 | +1.4 | 34.8 | 22 | 21.7 | -0.2 | 20.3 | 14 | 101.5 | 211.0 | - 0.2 | 59.8 | 04 | 9 | - 0.7 | 13.3 | 11.0 | -0.9 | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chandrapur | 31.9 | +0.7 | 34.8 | 23 | 23.9 | +0.2 | 22.5 | 30 | 178.6 | 348.0 | +132.6 | 99.4 | 04 | 9 | - 1.5 | 10.2 | 6.5 | +0.6 | 0 | 11 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 32.1 | .. | 35.2 | 23 | 21.8 | .. | 20.1 | 14 | 33.8 | 177.4 | .. | 62.4 | 06 | 9 | .. | 9.3 | 6.6 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 32.4 | +0.8 | 36.8 | 21 | 24.2 | -0.3 | 22.8 | 03 | 164.0 | 321.4 | +117.0 | 104.0 | 05 | 10 | - 2.8 | 6.5 | 4.7 | +0.2 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 32.6 | .. | 35.4 | 23 | 23.1 | .. | 22.0 | 04 | 109.4 | 275.6 | .. | 102.4 | 06 | 8 | .. | 8.9 | 6.8 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 32.7 | .. | 35.0 | 21 | 23.0 | .. | 21.0 | 18 | 23.6 | 144.6 | .. | 55.0 | 01 | 7 | .. | 9.9[d] | 7.7[d] | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 32.3 | +0.5 | 35.2 | 16 | 25.4 | -0.4 | 23.5 | 25 | 20.2 | 93.4 | - 82.4 | 42.4 | 04 | 5 | - 4.1 | 13.0 | 9.5 | +0.4 | 0 | 8 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Vishakhapatnam | 32.6 | +1.0 | 35.0 | 10 | 25.6 | 0.0 | 23.0 | 25 | 58.0 | 127.4 | - 40.7 | 26.1 | 04 | 12 | + 3.1 | 9.4 | 6.0 | -3.5 | 1 | 15 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 32.5 | +0.5 | 35.5 | 14 | 25.4 | -0.1 | 23.4 | 29 | 35.4 | 106.8 | - 45.1 | 23.6 | 28 | 7 | - 1.9 | 12.2 | 9.9 | +1.3 | 0 | 11 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 32.0 | +0.6 | 34.5 | 14 | 25.2 | +0.3 | 23.5 | 28 | 28.5 | 77.1 | - 88.1 | 28.0 | 01 | 5 | - 5.0 | 6.6 | 8.2 | -0.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 33.6 | +0.2 | 36.8 | 17 | 25.1 | +0.3 | 23.0 | 25 | 34.0 | 113.0 | - 24.9 | 42.0 | 03 | 4 | - 4.3 | 5.5 | 5.6 | -2.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 32.2 | -0.2 | 34.7 | 15 | 25.0 | -0.2 | 23.1 | 26 | 63.3 | 84.7 | - 48.2 | 30.4 | 26 | 6 | - 3.5 | 14.8 | 10.3 | -0.8 | 1 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam | 32.1 | +0.3 | 34.7 | 14 | 25.0 | -0.7 | 22.9 | 26 | 55.8 | 125.0 | - 37.1 | 50.8 | 27 | 8 | - 1.7 | 4.8 | 3.4 | -5.4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 33.9 | +0.2 | 37.1 | 16 | 24.0 | -1.8 | 23.1 | 27 | .. | 117.5 | - 33.5 | 33.7 | 27 | 8 | + 0.1 | .. | .. | .. | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 34.1 | -0.6 | 37.5 | 15 | 25.7 | -0.3 | 23.9 | 29 | 80.4 | 235.6 | +125.4 | 71.9 | 26 | 9 | + 3.4 | 11.2 | 8.0 | +0.3 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 32.7 | +0.7 | 37.0 | 18 | 23.8 | -0.6 | 21.8 | 03 | 124.6 | 404.8 | +222.9 | 100.2 | 01 | 12 | + 1.5 | 6.0 | 3.4 | -1.6 | 0 | 12 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Hanamkonda | 31.1 | -0.1 | 37.6 | 12 | 23.5 | -0.4 | 22.2 | 12 | 92.6 | 219.4 | + 29.7 | 18.2 | 05 | 8 | - 1.2 | 8.0 | 7.3 | -1.2 | 0 | 10 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 29.1 | .. | 33.5 | 18 | 21.2 | .. | 19.4 | 08 | 54.2 | 200.6 | .. | 55.4 | 03 | 13 | .. | .. | .. | .. | 0 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 32.9 | +0.7 | 36.6 | 18 | 24.7 | +0.3 | 23.3 | 06 | 46.4 | 90.2 | - 90.0 | 24.0 | 05 | 6 | - 5.6 | 4.9 | 4.0 | -1.1 | 0 | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 29.8 | +0.1 | 33.5 | 18 | 21.2 | -0.4 | 20.0 | 27 | 31.8 | 205.6 | + 34.1 | 54.8 | 03 | 11 | + 1.4 | 13.8 | 9.3 | -3.3 | 1 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 32.2 | -0.4 | 36.5 | 18 | 24.6 | +0.2 | 21.9 | 05 | 138.2 | 188.5 | + 14.0 | 47.9 | 02 | 11 | + 2.2 | 3.6 | 2.0 | -3.7 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 30.5 | +0.2 | 34.4 | 17 | 21.7 | -0.4 | 20.7 | 04 | 60.4 | 189.0 | - 19.3 | 45.8 | 01 | 14 | + 3.7 | 9.2 | 7.7 | -2.8 | 0 | 18 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 31.7 | -0.2 | 36.2 | 17 | 23.2 | -0.1 | 21.3 | 22 | 33.4 | 176.7 | + 30.6 | 57.6 | 22 | 11 | + 2.4 | 7.6 | 9.0 | -3.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Anantapur | 32.0 | -0.5 | 35.2 | 17 | 23.2 | +0.1 | 21.8 | 29 | 8.8 | 87.0 | - 62.9 | 35.4 | 19 | 10 | + 3.3 | 12.6 | 11.0 | -2.1 | 0 | 14 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 32.0 | -1.3 | 37.7 | 17 | 24.7 | -0.3 | 23.1 | 04 | 37.2 | 101.6 | - 53.3 | 21.2 | 27 | 10 | + 1.8 | 5.2 | 4.0 | -2.8 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 29.3 | -0.5 | 32.6 | 16 | 19.6 | -1.6 | 17.6 | 29 | 47.0 | 160.3 | + 54.7 | 64.0 | 20 | 10 | + 3.4 | 12.5 | 9.0 | -0.9 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 31.8 | -1.7 | 34.4 | 09 | 24.7 | -0.5 | 21.1 | 11 | 16.5 | 223.6 | +109.2 | 76.8 | 27 | 9 | + 1.8 | 9.1 | 7.1 | 0.0 | 1 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 32.9 | -1.0 | 35.8 | 06 | 24.8 | -0.6 | 21.5 | 11 | 15.7 | 179.6 | + 60.2 | 58.5 | 27 | 9 | + 1.7 | 11.1 | 8.9 | -2.2 | 3 | 10 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 33.1 | -0.4 | 36.4 | 18 | 23.3 | -1.1 | 20.8 | 19 | 22.8 | 160.1 | - 12.4 | 34.4 | 19 | 10 | + 1.9 | 9.7 | 5.8 | -1.0 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 33.2 | .. | 36.5 | 18 | 24.6 | .. | 22.2 | 18 | 47.4 | 332.1 | .. | 138.3 | 27 | 10 | .. | .. | .. | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 33.0 | +0.1 | 35.1 | 10 | 23.0 | +0.7 | 21.1 | 17 | 21.7 | 154.8 | - 17.8 | 31.5 | 17 | 8 | - 1.2 | 7.0 | 4.1 | -1.5 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 33.1 | .. | 35.9 | 19 | 24.3 | .. | 22.4 | 23 | 16.8 | 242.7 | .. | 46.2 | 28 | 13 | .. | 2.9 | 3.3 | .. | 1 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 32.9 | -0.9 | 35.2 | 08 | 24.7 | -0.4 | 22.3 | 12 | 15.3 | 107.1 | - 18.9 | 49.4 | 27 | 6 | - 0.1 | 11.2 | 9.3 | +0.1 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 33.7 | -1.1 | 36.9 | 18 | 24.1 | -0.5 | 21.9 | 19 | 32.2 | 128.2 | + 3.2 | 30.0 | 19 | 10 | + 4.0 | 6.9 | 5.2 | .. | 0 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Salem | 31.9 | -1.2 | 34.8 | 16 | 23.4 | +0.1 | 20.3 | 11 | 42.7 | 285.8 | +144.1 | 52.1 | 21 | 15 | + 6.5 | 6.6 | 5.0 | -1.9 | 2 | 17 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 31.9 | 0.0 | 33.8 | 09 | 22.1 | +0.4 | 20.5 | 27 | 106.9 | 211.8 | +157.9 | 85.8 | 27 | 6 | + 3.1 | 24.0 | 21.4 | -4.8 | 2 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore | 32.2 | +1.5 | 35.2 | 16 | 22.1 | +0.1 | 20.6 | 13 | .. | 108.1 | + 66.4 | 55.6 | 27 | 3 | - 0.3 | . | 11.0 | -2.1 | 1 | 9 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 32.8 | -0.9 | 35.0 | 11 | 25.5 | -0.2 | 24.0 | 18 | 8.6 | 71.0 | - 13.1 | 24.2 | 03 | 7 | + 2.0 | 11.2 | 8.9 | -0.8 | 0 | 11 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 33.5 | -0.7 | 36.1 | 17 | 24.1 | -0.8 | 22.0 | 19 | 3.7 | 182.4 | + 58.5 | 39.7 | 17 | 12 | + 5.7 | 11.8 | 10.0 | -9.4 | 0 | 14 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 33.0 | .. | 35.6 | 19 | 25.1 | .. | 23.1 | 05 | 0.6 | 235.3 | .. | 100.4 | 11 | 5 | .. | 5.0 | 6.0 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 32.2 | .. | 35.0 | 19 | 24.9 | .. | 22.0 | 10 | 16.0 | 230.2 | .. | 66.0 | 10 | 12 | .. | 11.0 | 9.9 | .. | 0 | 14 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 33.9 | -1.1 | 35.8 | 11 | 24.6 | -0.2 | 22.2 | 19 | .. | 161.7 | + 39.0 | 38.0 | 19 | 9 | + 2.7 | . | 4.6 | -1.8 | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 33.7 | -1.1 | 36.0 | 18 | 23.8 | -0.8 | 21.8 | 19 | 21.1 | 70.7 | + 11.4 | 21.3 | 27 | 5 | + 0.6 | 10.8 | 9.4 | -2.3 | 2 | 9 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 31.8 | -1.0 | 35.0 | 04 | 24.9 | -0.7 | 22.9 | 29 | 75.0 | 109.0 | + 74.1 | 64.6 | 25 | 4 | + 2.2 | 16.9 | 13.6 | -2.2 | 0 | 8 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Pamban | 31.1 | -0.2 | 32.4 | 30 | 25.6 | -0.7 | 21.8 | 23 | 0.0 | 115.4 | + 89.5 | 39.8 | 27 | 5 | + 3.4 | 17.8 | 16.3 | +0.5 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Tuticorin | 33.5 | -0.4 | 36.9 | 13 | 24.6 | -1.4 | 22.3 | 30 | 18.7 | 18.7 | + 11.2 | 10.2 | 30 | 2 | + 0.8 | 17.4 | 13.7 | -3.0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 36.4 | +1.0 | 40.4 | 09 | 24.6 | -1.3 | 22.5 | 30 | 82.2 | 96.6 | + 67.6 | 25.2 | 27 | 7 | + 5.0 | 13.4 | 9.4 | -3.8 | 1 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 30.6 | .. | 33.1 | 23 | 24.5 | .. | 22.1 | 27 | 27.8 | 79.2 | .. | 32.8 | 29 | 5 | .. | 20.7 | 17.2 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | .. | .. | .. | .. | 23.6 | -0.2 | 22.0 | 03 | 114.6 | 283.6 | - 8.2 | 74.8 | 03 | 16 | + 0.5 | 7.0 | 4.7 | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 29.3 | +0.5 | 31.4 | 24 | 23.3 | +0.1 | 21.4 | 03 | 119.6 | 309.7 | - 31.9 | 62.6 | 03 | 18 | + 1.3 | .. | .. | .. | 0 | 20 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 29.7 | +1.1 | 31.1 | 27 | 23.2 | +0.6 | 21.4 | 02 | 84.4 | 240.4 | -170.0 | 50.1 | 03 | 15 | - 2.4 | 9.5 | 6.5 | -0.6 | 0 | 18 | 0 | 0 | 5 | 5 | 0 | 0 | 0 | 0 |
| Mangalore | 29.3 | +0.6 | 30.6 | 27 | 23.8 | +0.3 | 22.0 | 02 | 51.6 | 174.4 | - 97.6 | 29.5 | 30 | 13 | - 3.0 | 10.3 | 7.8 | +1.0 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 28.7 | -0.1 | 32.3 | 18 | 20.8 | -0.2 | 19.2 | 26 | 127.9 | 385.5 | +146.7 | 74.2 | 03 | 10 | - 0.7 | 9.3 | 7.4 | -5.8 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 30.8 | -0.3 | 36.6 | 12 | 22.2 | +0.3 | 20.6 | 04 | 38.6 | 271.6 | + 86.2 | 58.8 | 26 | 9 | - 0.5 | 13.3 | 10.7 | -2.3 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bijapur | 31.1 | +0.5 | 36.3 | 18 | 21.7 | +0.6 | 20.2 | 08 | 59.4 | 133.4 | - 8.1 | 37.0 | 25 | 10 | + 2.0 | 9.6 | 8.3 | -1.7 | 1 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Belgaum | 28.6 | +1.6 | 32.7 | 16 | 19.9 | +0.9 | 17.6 | 13 | 99.2 | 200.8 | + 85.2 | 36.6 | 28 | 13 | + 3.4 | 10.2 | 6.8 | -3.1 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **INTERIOR MYSORE, NORTH (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) | 27.7 | +0.8 | 30.5 | 16 | 19.8 | +0.6 | 17.2 | 13 | 69.6 | 144.6 | + 55.1 | 27.8 | 21 | 12 | + 3.4 | 13.8 | 10.0 | -6.9 | 1 | 19 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Gadag | 29.9 | +0.2 | 34.4 | 16 | 20.7 | +0.2 | 18.5 | 13 | 34.4 | 138.9 | + 9.9 | 46.0 | 01 | 8 | + 0.7 | 11.9 | 9.9 | -3.7 | 1 | 13 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 31.4 | -0.1 | 35.4 | 17 | 23.2 | +0.2 | 21.0 | 24 | 72.0 | 230.0 | +107.6 | 114.0 | 18 | 9 | + 1.9 | 6.7 | 8.0 | -3.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 28.9 | -0.2 | 32.3 | 16 | 20.7 | +0.4 | 19.3 | 24 | 7.2 | 174.5 | + 72.9 | 79.8 | 26 | 7 | + 0.1 | 9.4 | 8.5 | -2.3 | 1 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 29.4 | +0.8 | 32.3 | 16 | 19.7 | -0.8 | 18.2 | 13 | 59.6 | 123.6 | + 34.1 | 22.2 | 24 | 13 | + 4.5 | 6.0 | 3.8 | -1.4 | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 25.1 | .. | 27.8 | 26 | 19.3 | .. | 17.0 | 12 | .. | 817.0 | .. | 109.0 | 02 | 19 | .. | .. | .. | .. | 0 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 26.3 | +1.8 | 29.7 | 18 | 18.1 | 0.0 | 16.7 | 08 | .. | 374.4 | +142.7 | 42.0 | 06 | 20 | + 3.1 | .. | .. | .. | 0 | 23 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Hassan | 26.9 | +0.2 | 28.9 | 15 | 18.3 | -0.1 | 15.7 | 13 | 149.6 | 307.8 | +207.7 | 90.4 | 21 | 13 | + 5.7 | 8.4 | 6.6 | -5.0 | 0 | 21 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Bangalore | 27.7 | +0.1 | 31.5 | 16 | 19.6 | +0.7 | 18.7 | 08 | 45.6 | 314.1 | +150.5 | 45.6 | 30 | 11 | + 2.3 | 11.5 | 8.8 | -3.3 | 0 | 18 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 27.7 | -0.9 | 31.4 | 16 | 18.2 | -1.1 | 16.8 | 08 | 56.1 | 253.9 | +124.5 | 44.6 | 16 | 15 | + 6.8 | .. | .. | .. | 2 | 18 | 0 | 0 | 13 | 1 | 0 | 0 | 0 | 0 |
| Mysore | 28.8 | +0.1 | 31.5 | 16 | 20.3 | +1.0 | 17.6 | 13 | 61.2 | 154.8 | + 37.7 | 28.2 | 22 | 10 | + 2.2 | 13.3 | 9.8 | -0.9 | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 29.9 | +0.4 | 31.8 | 25 | 24.5 | +0.8 | 22.5 | 30 | 136.1 | 277.7 | + 57.7 | 97.9 | 30 | 11 | - 1.3 | 10.5 | 7.2 | -1.5 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 30.4 | +0.1 | 32.6 | 21 | 23.3 | +0.2 | 21.8 | 04 | 79.0 | 189.4 | + 42.2 | 51.6 | 04 | 11 | - 0.3 | 12.5 | 9.9 | -2.0 | 0 | 14 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 28.7 | +0.4 | 30.2 | 24 | 23.7 | -0.5 | 22.3 | 04 | 83.6 | 587.8 | +343.7 | 94.4 | 27 | 18 | + 3.8 | 12.9 | 9.3 | +0.2 | 0 | 21 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 29.7 | .. | 30.9 | 18 | 23.7 | .. | 22.3 | 29 | 93.1 | 447.6 | .. | 111.5 | 27 | 19 | .. | 9.9 | 9.1 | .. | 0 | 21 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 29.7 | +0.3 | 31.1 | 30 | 24.1 | +0.4 | 22.7 | 27 | 90.8 | 482.2 | +186.2 | 140.4 | 29 | 18 | + 2.2 | 16.0 | 11.3 | +1.2 | 0 | 22 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 31.5 | +0.6 | 34.5 | 21 | 22.7 | 0.0 | 21.3 | 14 | 109.6 | 289.4 | + 80.0 | 81.8 | 29 | 16 | + 3.3 | 3.9 | 2.6 | -1.7 | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 29.5 | -0.4 | 32.0 | 20 | 23.6 | +0.3 | 22.5 | 30 | 139.1 | 498.8 | +360.9 | 109.6 | 26 | 15 | + 5.9 | 13.6 | 9.1 | -1.3 | 0 | 18 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 29.4 | -0.2 | 31.3 | 14 | 23.7 | +0.1 | 21.9 | 29 | .. | 421.7 | +258.7 | 92.4 | 29 | 16 | + 6.3 | .. | .. | .. | 0 | 18 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| **ARABIAN SEA ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 29.6 | -0.2 | 31.1 | 19 | 25.1 | -0.4 | 22.7 | 28 | 83.8 | 234.1 | + 84.5 | 53.6 | 29 | 13 | + 2.8 | 23.3 | 23.7 | +5.3 | 3 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 29.3 | .. | 30.5 | 16 | 26.0 | .. | 24.2 | 22 | 83.5 | 201.6 | .. | 37.5 | 30 | 15 | .. | 15.0 | 14.9 | .. | 1 | 20 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Andrott | 30.6 | .. | 31.3 | 23 | 25.2 | .. | 23.2 | 03 | 206.7 | 328.9 | .. | 61.4 | 30 | 13 | .. | 5.8 | 5.1 | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 30.0 | +0.5 | 30.7 | 30 | 25.6 | +0.5 | 23.4 | 01 | 46.0 | 136.9 | - 21.3 | 38.1 | 29 | 7 | - 3.1 | 13.7 | 11.4 | -1.6 | 2 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **HILL STATIONS (EXCLUDING KASHMIR)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 23.1 | +0.1 | 26.1 | 28 | 11.3 | -4.1 | 9.1 | 17 | 226.4 | 646.4 | +416.8 | 409.0 | 09 | 8 | - 1.1 | 1.7 | 2.2 | -0.3 | 1 | 12 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 25.8 | -0.5 | 28.4 | 05 | 17.7 | -1.7 | 15.6 | 26 | 155.9 | 387.4 | -140.5 | 181.8 | 09 | 11 | - 2.5 | 6.0 | 4.1 | +0.5 | 0 | 17 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 29.5 | .. | 32.4 | 04 | 15.2 | .. | 9.0 | 25 | 15.6 | 39.8 | .. | 10.2 | 08 | 5 | .. | 11.5 | 6.7 | .. | 0 | 8 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Simla | 20.5 | +0.5 | 22.4 | 28 | 13.0 | -0.8 | 10.7 | 19 | 83.8 | 144.4 | - 38.0 | 32.6 | 06 | 6 | - 3.9 | 1.4 | 1.1 | -1.6 | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 62.8 | -158.9 | 26.2 | 08 | 5 | - 3.5 | .. | .. | .. | 0 | 5 | .. | .. | .. | .. | .. | . | .. | . |
| Ghangaria (Kanjalia Tok) | 16.6 | .. | 19.8 | 15 | 6.7 | .. | 2.5 | 24 | .. | 197.6 | .. | 28.2 | 04 | 17 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Badrinath (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 23.1 | -0.4 | 27.4 | 18 | 13.6 | -1.9 | 10.0 | 30 | 19.4 | 72.8 | - 76.5 | 13.6 | 12 | 12 | + 0.7 | 5.8 | 5.1 | +0.8 | 0 | 12 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Mussoorie | 19.8 | -0.1 | 21.6 | 28 | 13.6 | -0.7 | 11.2 | 18 | 84.4 | 191.6 | -164.0 | 48.2 | 16 | 10 | - 3.1 | 9.7 | 7.3 | +1.9 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 20.6 | +0.7 | 23.6 | 29 | 12.6 | -0.5 | 10.3 | 19 | 68.0 | 156.4 | - 45.3 | 58.0 | 08 | 9 | - 1.4 | 10.3 | 10.3 | +0.3 | 0 | 15 | 0 | 0 | 5 | 8 | 0 | 0 | 0 | 0 |
| Nainital | 20.4 | -0.5 | 22.6 | 06 | 12.9 | -1.9 | 9.4 | 24 | 29.0 | 112.0 | -218.8 | 44.0 | 08 | 5 | - 7.5 | 9.7 | 7.3 | +0.3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 24.0 | -0.1 | 25.6 | 26 | 18.9 | +0.1 | 18.0 | 05 | 75.0 | 228.1 | - 84.1 | 72.2 | 11 | 16 | + 2.2 | 6.2 | 4.9 | -2.6 | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 19.3 | -0.6 | 21.7 | 28 | 12.6 | -2.0 | 9.8 | 29 | 116.3 | 281.3 | -164.2 | 46.0 | 21 | 18 | + 1.0 | 2.7 | 2.1 | 0.0 | 0 | 21 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| Kohima | 23.9 | 0.0 | 28.1 | 04 | .. | .. | .. | .. | 133.7 | 398.4 | +128.5 | 44.0 | 06 | 19 | + 2.4 | 2.0 | 2.0 | -1.7 | 0 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) | 22.8 | -1.4 | 25.7 | 04 | 16.0 | -0.6 | 14.0 | 27 | 255.9 | 296.8 | - 5.5 | 61.0 | 23 | 17 | - 0.6 | .. | .. | .. | 0 | 20 | 0 | 0 | 4 | 10 | 0 | 0 | 0 | 0 |
| Cherrapunji | 24.4 | +1.5 | 25.2 | 27 | 16.7 | -1.4 | 15.0 | 25 | .. | 379.7 | -742.0 | 66.3 | 08 | 17 | - 2.3 | 5.0 | 3.5 | -3.5 | 0 | 22 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 |
| Abu | 25.3 | +1.2 | 31.6 | 29 | 16.8 | -1.6 | 14.8 | 11 | 111.2 | 303.2 | + 89.8 | 241.2 | 08 | 6 | - 1.4 | 12.0 | 8.7 | +1.1 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 26.2 | +1.0 | 28.9 | 22 | 18.1 | -1.0 | 14.3 | 24 | 33.8 | 115.4 | -247.8 | 38.4 | 06 | 5 | - 8.2 | 6.2 | 5.1 | -1.1 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 21.6 | +1.3 | 25.2 | 26 | 16.0 | +0.3 | 13.4 | 14 | 271.7 | 492.9 | -192.9 | 87.2 | 04 | 14 | - 8.3 | 14.4 | 13.4 | +1.6 | 2 | 19 | 0 | 0 | 3 | 26 | 0 | 0 | 0 | 0 |
| Mercara | 23.2 | +1.2 | 25.8 | 18 | 16.7 | -0.2 | 15.2 | 14 | 109.4 | 280.4 | - 27.2 | 33.8 | 12 | 15 | - 3.9 | 11.8 | 10.7 | -1.6 | 0 | 21 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund | 18.7 | +0.5 | 22.5 | 19 | 10.3 | -0.1 | 9.0 | 30 | 133.4 | 270.6 | +131.9 | 33.6 | 18 | 16 | + 4.8 | 7.2 | 4.1 | -2.4 | 0 | 21 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 21.9 | +0.5 | 23.8 | 16 | 13.2 | -0.6 | 10.7 | 14 | .. | 108.2 | + 11.8 | 23.8 | 07 | 11 | + 3.8 | .. | .. | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 17.9 | +0.2 | 19.9 | 19 | 11.1 | -0.2 | 10.2 | 27 | 140.0 | 239.3 | + 62.0 | 51.0 | 19 | 15 | + 3.3 | 10.3 | 10.2 | -1.3 | 2 | 20 | 0 | 0 | 16 | 1 | 0 | 0 | 0 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 28.0 | -0.1 | 29.5 | 15 | 17.2 | -1.4 | 13.5 | 30 | 9.1 | 43.9 | -126.8 | 13.0 | 03 | 6 | - 5.9 | 0.4 | 0.4 | -0.9 | 2 | 11 | 0 | 0 | 5 | 8 | 0 | 0 | 0 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 16.8 | -0.2 | 20.2 | 11 | .. | .. | .. | .. | .. | 215.0 | - 13.1 | 29.5 | 13 | 22 | - 0.6 | .. | .. | .. | 0 | 25 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 32.7 | .. | 35.0 | 29 | 24.0 | .. | 21.8 | 29 | 16.0 | 27.1 | .. | 12.6 | 05 | 5 | .. | 12.2 | 7.4 | .. | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 30.1 | .. | 33.1 | 29 | 21.0 | .. | 19.1 | 29 | 19.4 | 66.7 | .. | 28.4 | 05 | 6 | .. | 6.3 | 5.0 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Konar | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 137.0 | .. | 56.0 | 09 | 7 | .. | 6.8 | 5.5 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 33.9 | .. | 36.4 | 29 | 20.4 | .. | 18.4 | 28 | 35.6 | 117.1 | .. | 43.4 | 09 | 9 | .. | 5.1 | 4.0 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER — SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Fog-ging 0.1 & 0.2 mm. | Fog-ging 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HYDROMETEOROLOGICAL OBSERVATORIES (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maithon | 34.0 | .. | 37.4 | 29 | 23.2 | .. | 21.9 | 04 | 167.9 | 211.7 | .. | 71.9 | 11 | 9 | .. | .. | .. | .. | 1 | 10 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Ramgarh | 33.7 | .. | 41.6 | 02 | 23.1 | .. | 21.3 | 30 | 63.5[i] | 96.8[j] | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 32.8 | .. | 35.2 | 29 | 25.1 | .. | 23.7 | 20 | 105.1 | 120.4 | .. | 27.0 | 07 | 9 | .. | 8.2 | 5.3 | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 33.2 | .. | 40.4 | 01 | 24.0 | .. | 22.2 | 09 | 56.4 | 84.8 | .. | 25.0 | 13 | 11 | .. | 11.4 | 7.9 | .. | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 32.3 | .. | 34.9 | 16 | 21.1 | .. | 19.5 | 20 | .. | 99.3 | .. | 24.6 | 26 | 9 | .. | .. | .. | .. | 0 | 9 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 33.7 | .. | 35.8 | 17 | 25.4 | .. | 23.9 | 26 | 32.4 | 120.0 | .. | 72.0 | 03 | 6 | .. | 6.2 | 3.6 | .. | 0 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 31.7 | .. | 34.7 | 12 | 23.2 | .. | 21.7 | 29 | 79.6 | 168.9 | .. | 69.0 | 11 | 11 | .. | 2.4 | 1.1 | .. | 0 | 14 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Sonepur | 33.1 | .. | 35.5 | 19 | 25.7 | .. | 24.1 | 25 | .. | 150.1 | .. | 81.6 | 03 | 6 | .. | . | 2.9 | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 31.4 | .. | 33.8 | 23 | 23.1 | .. | 21.1 | 25 | 0.0 | 135.4 | .. | 56.4 | 04 | 6 | .. | 8.6 | 5.6 | .. | 0 | 6 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 31.8 | .. | 35.4 | 30 | 20.3 | .. | 16.0 | 25 | 52.0 | 113.2 | .. | 27.2 | 05 | 6 | .. | 8.2 | 5.5 | .. | 1 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 31.6 | .. | 35.2 | 30 | 22.0 | .. | 19.2 | 30 | 0.0 | 250.6 | .. | 124.1 | 02 | 7 | .. | 8.0 | 7.4 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 33.8 | .. | 38.5 | 03 | 22.7 | .. | 19.9 | 14 | .. | 110.7 | .. | 40.5 | 06 | 6 | .. | .. | .. | .. | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Darci | 35.0 | .. | 38.8 | 29 | 20.0 | .. | 17.0 | 30 | 0.0 | 2.7 | .. | 18.1 | 07 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 23.3 | .. | 25.8 | 10 | 10.3 | .. | 4.5 | 27 | 0.0 | 2.0 | .. | 2.0 | 04 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 27.9 | .. | 30.5 | 06 | 19.3 | .. | 16.4 | 28 | 29.4 | 295.6 | .. | 96.8 | 09 | 16 | .. | .. | .. | .. | 0 | 23 | .. | .. | .. | .. | .. | . | .. | . |
| Tisure | 25.5 | .. | 27.1 | 12 | 16.1[m] | .. | 12.0 | 21 | 25.1 | 120.0 | .. | 40.3 | 04 | 12 | .. | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 28.4 | .. | 30.9 | 06 | 20.3 | .. | 18.3 | 04[ds] | 101.8 | 370.0 | .. | 77.7 | 09 | 14 | .. | 2.0 | 1.1 | .. | 0 | 16 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| Gorkha | 27.2 | .. | 29.0 | 11 | 19.3 | .. | 17.3 | 29 | 3.0 | 106.5 | .. | 54.2 | 12 | 7 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 9 | 13 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | 35.0[d] | 134.2[e] | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 26.7 | .. | 28.4 | 12 | 18.4 | .. | 15.5 | 19 | 10.0 | 21.0 | .. | 10.0 | 02 | 3 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | Temporarily closed from 28.5.1966 | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 25.8 | .. | 27.7 | 14 | 16.7 | .. | 14.8 | 30 | 7.4 | 51.5 | .. | 38.7 | 03 | 3 | .. | .. | .. | .. | 1 | 6 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 32.1 | .. | 33.4 | 04[ds] | 24.0 | .. | 21.9 | 28 | 103.4 | 173.6 | .. | 42.6 | 01 | 11 | .. | .. | .. | .. | 0 | 14 | .. | .. | .. | .. | .. | . | .. | . |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | Data included under Nepal . | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 14.4[f] | .. | 16.5 | 06 | 0.1 | .. | - 3.5 | 29 | 77.4 | 256.9 | .. | 30.4 | 16 | 22 | .. | .. | .. | .. | 0 | 24 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 26.9 | .. | 29.4 | 06 | 16.6 | .. | 14.5 | 30 | 11.6 | 449.6 | .. | 54.6 | 12 | 22 | .. | .. | .. | .. | 1 | 24 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 22.1 | .. | 25.2 | 06 | 16.8 | .. | 14.7 | 29 | 37.7 | 279.7 | .. | 14.1 | 12 | 9 | .. | .. | .. | .. | 0 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 23.3 | .. | 25.3 | 08 | 15.6 | .. | 12.4 | 30 | 15.1 | 188.3 | .. | 35.3 | 10 | 14 | .. | .. | .. | .. | 0 | 18 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 |
| Okhaldhunga | .. | .. | .. | .. | 15.4 | .. | 12.7 | 30 | 29.4 | 248.0 | .. | 13.8 | 16 | 10 | .. | 3.2 | 2.2 | .. | 1 | 15 | 0 | 0 | 3 | 7 | 0 | 0 | 0 | 0 |
| Chainpur | 26.5 | .. | 29.0 | 05 | 18.8 | .. | 16.8 | 30 | 17.9 | 134.0 | .. | 22.0 | 22 | 12 | .. | .. | .. | .. | 0 | 15 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 27.8[c] | .. | 29.6 | 08 | .. | .. | .. | .. | 12.0 | 153.1 | .. | 25.2 | 14 | 11 | .. | .. | .. | .. | 0 | 14 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 30.5 | .. | 32.5 | 25 | 22.6 | .. | 19.5 | 29 | 223.5 | 396.3 | .. | 102.6 | 03 | 17 | .. | 5.5 | 3.0 | .. | 1 | 18 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 23.1 | .. | 25.7 | 07 | 15.2 | .. | 11.9 | 30 | 111.6 | 392.3 | .. | 47.5 | 08 | 22 | .. | 3.9 | 2.6 | .. | 0 | 25 | 0 | 0 | 4 | 20 | 0 | 0 | 0 | 0 |
| Gezing | 25.4 | .. | 27.7 | 05 | 16.6 | .. | 13.6 | 30 | 48.1 | 348.3 | .. | 46.9 | 16 | 17 | .. | .. | .. | .. | 0 | 17 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1009.4 | 1006.3 | +0.2 | 27.1 | 25.4 | 24.7 | 31.1 | 86 | + 0 | 5.7 | -0.1 | 10.9 | 0 | 6 | 22 | 00 | 3 | 2 | 1 | 3 | 11 | 8 | 0 | 2 | 0 |
| | 1730 | 28 | 1006.9 | 1003.7 | -0.1 | 26.6 | 24.8 | 24.0 | 29.8 | 85 | - 3 | 5.9 | -0.2 | 11.3 | 0 | 7 | 21 | 00 | 1 | 4 | 0 | 1 | 14 | 8 | 0 | 2 | 0 |
| Long Island | 0830 | 25 | 1009.7 | 1006.9 | +0.4 | 27.6 | 25.9 | 25.1 | 31.9 | 86 | + 0 | 6.4 | +0.2 | 2.6 | 0 | 0 | 20 | 00 | 0 | 1 | 2 | 1 | 16 | 0 | 0 | 10 | 0 |
| | 1730 | 25 | 1007.3 | 1004.5 | +0.4 | 26.6 | 25.1 | 24.5 | 30.7 | 87 | + 0 | 6.0 | -0.3 | 2.5 | 0 | 0 | 20 | 00 | 0 | 0 | 3 | 1 | 15 | 1 | 0 | 10 | 0 |
| Port Blair | 0530 | 79 | 1008.2 | 999.3 | .. | 25.1 | 24.3 | 23.9 | 29.7 | 93 | .. | 7.0 | .. | 12.5 | 0 | 9 | 15 | 00 | 2 | 2 | 0 | 8 | 11 | 1 | 0 | 6 | 0 |
| | 0830 | 79 | 1010.1 | 1001.2 | +0.9 | 27.3 | 25.3 | 24.4 | 30.5 | 85 | + 1 | 7.0 | +0.3 | 18.5 | 0 | 14 | 16 | 00 | 1 | 4 | 1 | 8 | 11 | 5 | 0 | 0 | 0 |
| | 1130 | 79 | 1008.7 | 999.9 | .. | 27.9 | 25.5 | 24.5 | 30.7 | 82 | .. | 7.1 | .. | 21.7 | 0 | 17 | 12 | 00 | 5 | 1 | 0 | 8 | 11 | 4 | 0 | 1 | 0 |
| | 1430 | 79 | 1006.8 | 997.9 | .. | 27.3 | 25.1 | 24.1 | 30.0 | 84 | .. | 7.1 | .. | 22.3 | 0 | 17 | 13 | 00 | 0 | 3 | 1 | 6 | 15 | 4 | 1 | 0 | 0 |
| | 1730 | 79 | 1007.7 | 998.7 | +0.5 | 26.2 | 24.8 | 24.2 | 30.2 | 89 | + 0 | 7.4 | +0.5 | 15.9 | 0 | 12 | 18 | 00 | 1 | 2 | 1 | 6 | 17 | 2 | 1 | 0 | 0 |
| | 2030 | 79 | 1009.5 | 1000.6 | .. | 25.7 | 24.6 | 24.1 | 30.0 | 91 | .. | 5.3 | .. | 12.3 | 0 | 8 | 21 | 00 | 0 | 3 | 1 | 9 | 13 | 1 | 2 | 1 | 0 |
| | 2330 | 79 | 1009.0 | 1000.0 | .. | 25.3 | 24.3 | 23.8 | 29.5 | 92 | .. | 6.2 | .. | 14.6 | 0 | 9 | 19 | 00 | 1 | 2 | 1 | 7 | 11 | 5 | 1 | 2 | 0 |
| Car Nicobar | 0830 | 10 | 1010.4 | 1009.2 | +0.5 | 28.2 | 25.5 | 24.3 | 30.4 | 79 | - 4 | 5.3 | -1.0 | 1.5 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 2 | 14 | 1 | 0 | 13 | 0 |
| | 1730 | 10 | 1008.1 | 1006.9 | +0.5 | 26.6 | 24.7 | 23.9 | 29.7 | 86 | - 3 | 5.7 | -0.3 | 0.5 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 1 | 5 | 0 | 1 | 22 | 1 |
| Nancowry | 0830 | 26 | 1010.9 | 1008.0 | +0.3 | 27.5 | 25.1 | 24.0 | 29.8 | 82 | - 1 | 4.6[b] | -1.5 | 6.7 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 1 | 17 | 6 | 4 | 2 | 0 |
| | 1730 | 26 | 1008.6 | 1005.7 | +0.4 | 26.9 | 24.8 | 23.9 | 29.7 | 85 | + 0 | 5.6[c] | -0.5 | 6.1 | 0 | 1 | 24 | 00 | 0 | 0 | 0 | 0 | 12 | 9 | 4 | 5 | 0 |
| Kondul | 0830 | 8 | .. | 1010.5 | +0.6 | 27.6 | 25.2 | 24.1 | 30.0 | 82 | - 1 | 5.8 | -0.5 | 7.2 | 0 | 2 | 25 | 00 | 0 | 0 | 0 | 0 | 21 | 6 | 0 | 3 | 0 |
| | 1730 | 8 | .. | 1008.1 | +0.8 | 26.8 | 25.0 | 24.2 | 30.2 | 85 | - 2 | 5.6 | -0.7 | 4.9 | 0 | 1 | 13 | 00 | 0 | 0 | 0 | 1 | 11 | 2 | 0 | 16 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1008.7 | 991.0 | +1.5 | 25.6 | 23.8 | 22.9 | 27.9 | 86 | + 6 | 6.7 | +1.3 | 7.1 | 0 | 2 | 26 | 02 | 2 | 1 | 2 | 2 | 0 | 0 | 19 | 2 | 0 |
| | 1730 | 157 | 1004.3 | 986.8 | +1.3 | 28.0 | 24.9 | 23.5 | 28.9 | 77 | - 8 | 5.4 | +1.1 | 3.9 | 0 | 1 | 23 | 01 | 0 | 2 | 1 | 3 | 3 | 1 | 13 | 6 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1006.4 | 993.7 | .. | 24.4 | 23.8 | 23.5 | 28.9 | 94 | .. | 6.0 | .. | 3.4 | 0 | 0 | 18 | 00 | 15 | 2 | 0 | 0 | 1 | 0 | 0 | 12 | 0 |
| | 0530 | 111 | 1007.2 | 994.6 | .. | 23.7 | 23.2 | 22.9 | 27.9 | 96 | .. | 6.7 | .. | 4.1 | 0 | 0 | 20 | 03 | 10 | 2 | 2 | 0 | 2 | 0 | 1 | 10 | 0 |
| | 0830 | 111 | 1008.9 | 996.3 | +1.5 | 25.7 | 24.3 | 23.7 | 29.3 | 89 | + 5 | 6.9 | +0.6 | 6.1 | 0 | 0 | 28 | 04 | 15 | 2 | 3 | 0 | 0 | 3 | 1 | 2 | 0 |
| | 1130 | 111 | 1007.2 | 994.8 | .. | 28.2 | 25.2 | 23.9 | 29.7 | 78 | .. | 6.2 | .. | 6.4 | 0 | 0 | 27 | 05 | 11 | 3 | 3 | 0 | 3 | 0 | 2 | 3 | 0 |
| | 1430 | 111 | 1004.3 | 991.9 | .. | 29.3 | 25.6 | 24.0 | 29.8 | 74 | .. | 5.4 | .. | 6.4 | 0 | 0 | 29 | 01 | 16 | 1 | 4 | 1 | 1 | 2 | 3 | 1 | 0 |
| | 1730 | 111 | 1004.4 | 992.0 | +1.6 | 27.7 | 25.4 | 24.3 | 30.4 | 82 | + 1 | 4.8 | -0.1 | 2.5 | 0 | 0 | 17 | 02 | 7 | 2 | 2 | 0 | 2 | 0 | 2 | 13 | 0 |
| | 2030 | 111 | 1006.8 | 994.3 | .. | 25.7 | 24.6 | 24.1 | 30.0 | 90 | .. | 4.2 | .. | 1.5 | 0 | 0 | 8 | 00 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 2330 | 111 | 1007.0 | 994.4 | .. | 24.8 | 24.0 | 23.6 | 29.1 | 93 | .. | 5.2 | .. | 2.7 | 0 | 0 | 12 | 00 | 7 | 2 | 1 | 0 | 0 | 2 | 0 | 18 | 0 |
| Digboi | 0830 | 152 | 1008.7 | 991.4 | +1.1 | 25.7 | 24.5 | 24.0 | 29.8 | 90 | + 6 | 6.3 | +0.3 | 3.1 | 0 | 0 | 30 | 05 | 6 | 6 | 2 | 1 | 1 | 7 | 2 | 0 | 0 |
| | 1730 | 152 | 1004.8 | 987.6 | +0.9 | 27.1 | 24.9 | 23.9 | 29.7 | 83 | + 6 | 5.0 | -0.5 | 2.2 | 0 | 0 | 23 | 00 | 8 | 5 | 3 | 4 | 0 | 1 | 2 | 7 | 0 |
| North Lakhimpur | 0830 | 102 | 1008.8 | 997.2 | +1.7 | 26.3 | 24.4 | 23.5 | 28.9 | 85 | + 1 | 6.9 | +1.1 | 6.3 | 0 | 0 | 28 | 05 | 12 | 3 | 3 | 0 | 3 | 2 | 0 | 2 | 0 |
| | 1130 | 102 | 1007.3 | 995.9 | .. | 28.7 | 25.1 | 23.5 | 28.9 | 74 | .. | 6.3 | .. | 10.6 | 0 | 3 | 26 | 03 | 11 | 4 | 7 | 3 | 0 | 1 | 0 | 1 | 0 |
| | 1430 | 102 | 1004.4 | 993.0 | .. | 29.7 | 25.4 | 23.5 | 28.9 | 70 | .. | 5.5 | .. | 8.3 | 0 | 0 | 28 | 01 | 10 | 7 | 1 | 5 | 1 | 2 | 1 | 2 | 0 |
| | 1730 | 102 | 1004.6 | 993.1 | +1.7 | 27.8 | 25.6 | 24.6 | 30.9 | 81 | - 4 | 5.0 | +0.2 | 4.1 | 0 | 1 | 19 | 05 | 6 | 4 | 1 | 2 | 2 | 0 | 0 | 10 | 0 |
| | 2030 | 102 | 1007.0 | 995.4 | .. | 25.9 | 24.7 | 24.2 | 30.2 | 90 | .. | 4.6 | .. | 2.9 | 0 | 0 | 21 | 06 | 3 | 2 | 2 | 0 | 2 | 5 | 1 | 9 | 0 |
| Sibsagar | 0830 | 97 | 1008.8 | 997.9 | +1.4 | 26.4 | 24.7 | 23.9 | 29.7 | 87 | + 1 | 7.5 | +0.4 | 2.1 | 0 | 0 | 23 | 11 | 10 | 0 | 0 | 0 | 2 | 0 | 0 | 7 | 0 |
| | 1730 | 97 | 1004.3 | 993.5 | +1.2 | 28.1 | 25.5 | 24.4 | 30.5 | 81 | - 4 | 5.1 | -0.6 | 1.4 | 0 | 0 | 18 | 10 | 5 | 1 | 1 | 0 | 1 | 0 | 0 | 12 | 0 |
| Gohpur | 0830 | 83 | 1008.4 | 999.0 | .. | 26.3 | 24.8 | 24.1 | 30.0 | 88 | + 0 | 7.0 | .. | 4.6 | 0 | 0 | 28 | 00 | 12 | 1 | 12 | 0 | 3 | 0 | 0 | 2 | 0 |
| | 1730 | 83 | 1004.2 | 994.9 | .. | 27.8 | 25.9 | 25.1 | 31.9 | 85 | + 1 | 4.6 | .. | 1.3 | 0 | 0 | 13 | 00 | 6 | 0 | 3 | 0 | 3 | 0 | 1 | 17 | 0 |
| Majbat | 0830 | | .. | .. | .. | 26.6 | 24.7 | 23.9 | 29.7 | 86 | .. | 4.5 | -0.9 | 4.7 | 0 | 0 | 27 | 00 | 17 | 0 | 6 | 0 | 2 | 0 | 2 | 3 | 0 |
| | 1730 | | .. | .. | .. | 27.8 | 25.6 | 24.6 | 30.9 | 82 | .. | 5.4 | +0.5 | 3.4 | 0 | 0 | 25 | 00 | 10 | 1 | 3 | 1 | 8 | 0 | 2 | 5 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1006.5 | 996.3 | .. | 24.3 | 24.2 | 24.1 | 30.0 | 98 | .. | 7.1 | .. | 0.7 | 0 | 0 | 7 | 00 | 3 | 2 | 0 | 0 | 1 | 0 | 1 | 23 | 0 |
| | 0830 | 90 | 1008.0 | 997.9 | .. | 26.9 | 25.3 | 24.6 | 30.9 | 87 | .. | 6.9 | .. | 2.1 | 0 | 0 | 21 | 04 | 10 | 3 | 1 | 1 | 2 | 0 | 0 | 9 | 0 |
| | 1130 | 90 | 1006.6 | 996.6 | .. | 29.4 | 26.2 | 24.8 | 31.3 | 77 | .. | 6.1 | .. | 3.4 | 0 | 0 | 25 | 03 | 18 | 2 | 0 | 0 | 1 | 0 | 1 | 5 | 0 |
| | 1730 | 90 | 1003.9 | 993.8 | .. | 27.8 | 25.8 | 24.9 | 31.5 | 85 | .. | 4.7 | .. | 1.2 | 0 | 0 | 14 | 01 | 9 | 2 | 0 | 1 | 1 | 0 | 0 | 16 | 0 |
| | 2330 | 90 | 1006.5 | 996.4 | .. | 25.4 | 24.8 | 24.5 | 30.7 | 95 | .. | 5.4 | .. | 0.9 | 0 | 0 | 9 | 01 | 4 | 2 | 0 | 0 | 2 | 0 | 0 | 21 | 0 |
| Tangla | 0830 | 78 | 1007.8 | 999.0 | +1.9 | 27.3 | 25.4 | 24.5 | 30.7 | 85 | + 2 | 2.8 | -1.7 | 0.6 | 0 | 0 | 9 | 00 | 0 | 0 | 6 | 0 | 3 | 0 | 0 | 21 | 0 |
| | 1730 | 78 | 1003.7 | 995.0 | +2.0 | 29.0 | 26.4 | 25.3 | 32.2 | 81 | + 0 | 2.8 | -0.8 | 0.4 | 0 | 0 | 6 | 00 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 24 | 0 |
| Tezpur | 0830 | 79 | 1008.9 | 1000.0 | +1.2 | 26.6 | 25.1 | 24.5 | 30.7 | 88 | + 2 | 6.7 | +0.8 | 3.3 | 0 | 0 | 26 | 03 | 14 | 3 | 2 | 1 | 1 | 1 | 1 | 4 | 0 |
| | 1730 | 79 | 1004.4 | 995.6 | +1.1 | 28.3 | 25.5 | 24.3 | 30.4 | 79 | - 3 | 4.7 | +0.2 | 1.3 | 0 | 0 | 16 | 01 | 11 | 2 | 0 | 0 | 1 | 1 | 0 | 14 | 0 |
| Golaghat | 0830 | 95 | 1005.7 | 995.0 | -0.9 | 27.3 | 24.9 | 23.8 | 29.5 | 82 | - 2 | 4.6 | -1.7 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 95 | 1003.1 | 992.5 | +1.6 | 29.6 | 25.9 | 24.3 | 30.4 | 74 | - 5 | 3.5[g] | -1.9 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Rangia | 0830 | 60 | 1009.6 | 1002.8 | .. | 28.5 | 26.1 | 25.1 | 31.9 | 82 | + 2 | 5.4[b] | .. | 5.4[b] | 0 | 0 | 29 | 00 | 7 | 11 | 3 | 2 | 2 | 3 | 1 | 0 | 0 |
| | 1730 | 60 | 1006.1 | 999.3 | .. | 29.0 | 26.3 | 25.1 | 31.9 | 81 | + 3 | 4.4 | .. | 2.3 | 0 | 0 | 18 | 00 | 2 | 7 | 0 | 2 | 3 | 4 | 0 | 12 | 0 |
| Chaparmukh | 0830 | 66 | 1008.6 | 1001.1 | +1.2 | 28.3 | 25.9 | 24.9 | 31.5 | 82 | + 1 | 4.9[e] | -0.2 | 2.9[e] | 0 | 0 | 25 | 02 | 2 | 7 | 10 | 3 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 66 | 1004.5 | 997.1 | +1.7 | 29.2 | 26.4 | 25.2 | 32.1 | 79 | - 2 | 5.4[f] | +1.0 | 1.6[f] | 0 | 0 | 17 | 06 | 2 | 0 | 2 | 2 | 3 | 0 | 2 | 7 | 0 |
| Goalpara | 0830 | 38 | 1007.4 | 1003.1 | +1.8 | 26.8 | 25.4 | 24.8 | 31.3 | 88 | + 3 | 6.2 | +0.7 | 1.6 | 0 | 0 | 22 | 00 | 13 | 0 | 3 | 1 | 2 | 0 | 3 | 8 | 0 |
| | 1730 | 38 | 1004.0 | 999.7 | +2.2 | 29.5 | 26.6 | 25.4 | 32.4 | 78 | + 1 | 5.3 | +0.2 | 1.7 | 0 | 0 | 24 | 00 | 7 | 0 | 5 | 1 | 3 | 5 | 3 | 6 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1005.6 | 999.4 | .. | 25.5 | 24.5 | 24.0 | 29.8 | 92 | .. | 5.3 | .. | 4.8 | 0 | 0 | 21 | 00 | 3 | 3 | 3 | 6 | 5 | 1 | 0 | 9 | 0 |
| | 0530 | 54 | 1006.2 | 1000.0 | .. | 25.2 | 24.4 | 24.0 | 29.8 | 93 | .. | 5.8 | .. | 3.9 | 0 | 0 | 20 | 01 | 5 | 2 | 1 | 10 | 1 | 0 | 0 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA)(Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (Contd.)..... | 0830 | 54 | 1007.8 | 1001.6 | +0.5 | 28.4 | 25.6 | 24.4 | 30.5 | 79 | - 4 | 5.5 | -0.4 | 5.3 | 0 | 0 | 23 | 04 | 10 | 2 | 0 | 2 | 3 | 1 | 1 | 7 | 0 |
| | 1130 | 54 | 1006.3 | 1000.3 | .. | 29.7 | 26.0 | 24.4 | 30.5 | 73 | .. | 5.2 | .. | 9.8 | 0 | 0 | 30 | 09 | 8 | 3 | 0 | 1 | 0 | 4 | 3 | 0 | 2 |
| | 1430 | 54 | 1003.8 | 997.7 | .. | 30.1 | 25.7 | 23.8 | 29.5 | 69 | .. | 5.4 | .. | 11.0 | 0 | 2 | 26 | 08 | 4 | 1 | 0 | 1 | 1 | 6 | 6 | 2 | 1 |
| | 1730 | 54 | 1004.1 | 998.0 | +0.7 | 28.3 | 25.5 | 24.3 | 30.4 | 79 | - 5 | 5.5 | -0.2 | 4.7 | 0 | 0 | 21 | 02 | 4 | 3 | 4 | 1 | 3 | 3 | 1 | 9 | 0 |
| | 2030 | 54 | 1006.4 | 1000.3 | .. | 26.5 | 25.1 | 24.5 | 30.7 | 89 | .. | 5.1 | .. | 3.5 | 0 | 0 | 15 | 00 | 2 | 4 | 1 | 6 | 0 | 2 | 0 | 15 | 0 |
| | 2330 | 54 | 1006.5 | 1000.4 | .. | 25.8 | 24.7 | 24.3 | 30.4 | 92 | .. | 5.0 | .. | 2.9 | 0 | 0 | 11 | 00 | 3 | 1 | 1 | 3 | 3 | 0 | 0 | 19 | 0 |
| Dhubri (Rupsi) ..... | 0530 | 45 | 1006.1 | 1001.0 | .. | 24.8 | 24.3 | 24.1 | 30.0 | 96 | .. | 5.8 | .. | 3.5 | 0 | 0 | 17 | 02 | 8 | 4 | 1 | 1 | 1 | 0 | 0 | 13 | 0 |
| | 0830 | 45 | 1007.5 | 1002.3 | +1.8 | 27.9 | 25.9 | 25.1 | 31.9 | 85 | + 1 | 6.1 | +0.4 | 5.4 | 0 | 0 | 26 | 00 | 13 | 5 | 2 | 3 | 3 | 0 | 0 | 4 | 0 |
| | 1130 | 45 | 1006.4 | 1001.3 | .. | 29.5 | 26.5 | 25.3 | 32.2 | 79 | .. | 6.1 | .. | 6.6 | 0 | 0 | 30 | 01 | 4 | 7 | 5 | 7 | 5 | 1 | 0 | 0 | 0 |
| Dhubri ..... | 1730 | 45 | 1003.7 | 998.6 | +1.9 | 28.8 | 26.4 | 25.4 | 32.4 | 82 | - 2 | 5.2 | +0.2 | 3.9 | 0 | 0 | 22 | 00 | 3 | 4 | 2 | 4 | 3 | 5 | 1 | 8 | 0 |
| | 0830 | 35 | 1008.2 | 1004.2 | +1.3 | 27.5 | 25.8 | 25.0 | 31.7 | 86 | + 0 | 4.5 | -0.8 | 8.6 | 0 | 2 | 26 | 02 | 16 | 3 | 5 | 0 | 2 | 0 | 0 | 2 | 0 |
| Lumding ..... | 1730 | 35 | 1004.4 | 1000.4 | +1.1 | 28.1 | 25.9 | 25.0 | 31.7 | 83 | - 2 | 5.3 | +0.1 | 6.9 | 0 | 4 | 15 | 01 | 3 | 4 | 3 | 3 | 4 | 1 | 0 | 11 | 0 |
| | 0830 | 149 | 1008.3 | 991.5 | .. | 25.6 | 24.6 | 24.1 | 30.0 | 91 | + 9 | 5.0 | .. | 0.6 | 0 | 0 | 8 | 01 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 149 | 1004.5 | 987.9 | .. | 28.7 | 26.5 | 25.6 | 32.8 | 84 | .. | 6.1 | .. | 1.1 | 0 | 0 | 10 | 02 | 0 | 2 | 1 | 1 | 0 | 1 | 3 | 20 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura ..... | 0830 | 370 | 1008.0 | 966.8 | +0.2 | 25.3 | 24.0 | 23.3 | 28.6 | 88 | + 0 | 6.7 | +0.5 | 1.1 | 0 | 0 | 13 | 02 | 0 | 2 | 3 | 2 | 1 | 2 | 1 | 17 | 0 |
| | 1730 | 370 | 1004.6 | 963.6 | +0.2 | 26.5 | 24.8 | 24.1 | 30.0 | 86 | + 1 | 7.3[b] | +0.6 | 2.1[b] | 0 | 0 | 20 | 01 | 2 | 2 | 2 | 3 | 5 | 5 | 0 | 9 | 0 |
| Haflong ..... | 0830 | 682 | 1008.2 | 933.2 | +1.4 | 23.7 | 22.1 | 21.4 | 25.5 | 87 | + 1 | 5.1 | -0.3 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 28 | 0 |
| | 1730 | 682 | 1002.6 | 928.3 | +0.1 | 24.7 | 22.7 | 21.8 | 26.1 | 84 | + 2 | 4.9 | -0.5 | 0.5 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 22 | 0 |
| Silchar (Kumbhirgram) ..... | 0530 | 97 | 1005.5 | 994.5 | .. | 23.9 | 23.2 | 22.9 | 27.9 | 94 | .. | 6.1 | .. | 6.8 | 0 | 0 | 29 | 00 | 2 | 26 | 0 | 0 | 0 | 1 | 0 | 1 | 0 |
| | 0830 | 97 | 1006.9 | 996.0 | +0.3 | 26.9 | 24.7 | 23.7 | 29.3 | 83 | - 1 | 5.7 | +0.0 | 7.1 | 0 | 0 | 29 | 00 | 1 | 18 | 5 | 3 | 0 | 2 | 0 | 1 | 0 |
| | 1130 | 97 | 1005.1 | 994.3 | .. | 29.9 | 25.5 | 23.5 | 28.9 | 70 | .. | 5.5 | .. | 7.9 | 0 | 0 | 30 | 01 | 2 | 7 | 4 | 6 | 3 | 6 | 1 | 0 | 0 |
| | 1730 | 97 | 1003.0 | 992.2 | +1.3 | 28.4 | 25.4 | 24.1 | 30.0 | 78 | - 3 | 5.2 | +0.1 | 5.8 | 0 | 0 | 25 | 00 | 4 | 3 | 0 | 3 | 4 | 10 | 1 | 5 | 0 |
| Silchar ..... | 0830 | 29 | 1009.4 | 1006.1 | +1.8 | 27.4 | 25.6 | 24.8 | 31.3 | 85 | + 0 | 5.4 | -0.7 | 0.3 | 0 | 0 | 4 | 02 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1730 | 29 | 1005.7 | 1002.4 | +2.2 | 28.8 | 26.0 | 24.8 | 31.3 | 79 | - 3 | 5.3 | -0.2 | 0.1 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| Imphal (Tulihal) ..... | 0530 | 781 | 1008.1 | 922.1 | .. | 21.1 | 20.7 | 20.5 | 24.1 | 96 | .. | 6.6 | .. | 1.1 | 0 | 0 | 4 | 01 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 26 | 0 |
| | 0830 | 781 | 1008.7 | 923.5 | +0.5 | 24.4 | 21.9 | 20.7 | 24.4 | 83 | + 2 | 6.7 | +0.6 | 2.7 | 0 | 0 | 10 | 01 | 4 | 3 | 1 | 0 | 0 | 0 | 1 | 20 | 0 |
| | 1130 | 781 | 1006.6 | 922.0 | .. | 25.9 | 22.4 | 20.8 | 24.6 | 74 | .. | 6.1 | .. | 9.1 | 0 | 0 | 26 | 03 | 2 | 4 | 5 | 6 | 5 | 0 | 1 | 4 | 0 |
| | 1430 | 781 | 1003.4 | 919.5 | .. | 27.1 | 22.6 | 20.5 | 24.1 | 68 | .. | 5.4 | .. | 8.9 | 0 | 0 | 26 | 01 | 1 | 1 | 5 | 8 | 4 | 2 | 4 | 4 | 0 |
| | 1730 | 781 | 1004.8 | 920.0 | +2.4 | 24.6 | 22.1 | 21.0 | 24.9 | 80 | + 0 | 5.9 | +0.3 | 5.0 | 0 | 0 | 17 | 01 | 0 | 0 | 6 | 2 | 3 | 0 | 5 | 13 | 0 |
| | 2030 | 781 | 1007.8 | 922.3 | .. | 23.0 | 21.7 | 21.1 | 25.0 | 88 | .. | 5.2 | .. | 3.9 | 0 | 0 | 13 | 02 | 2 | 1 | 1 | 3 | 1 | 1 | 2 | 17 | 0 |
| | 2330 | 781 | 1007.9 | 922.2 | .. | 22.1 | 21.3 | 20.9 | 24.7 | 93 | .. | 5.9 | .. | 3.8 | 0 | 0 | 14 | 03 | 3 | 0 | 1 | 1 | 0 | 0 | 6 | 16 | 0 |
| Kailashahar ..... | 0530 | 29 | 1007.0 | 1003.7 | .. | 24.9 | 24.4 | 24.1 | 30.0 | 96 | .. | 5.7 | .. | 3.1 | 0 | 0 | 26 | 03 | 0 | 1 | 1 | 7 | 10 | 1 | 3 | 4 | 0 |
| | 0830 | 29 | 1008.5 | 1005.2 | +1.4 | 27.8 | 25.8 | 24.9 | 31.5 | 85 | + 2 | 5.3 | -1.0 | 3.9 | 0 | 0 | 28 | 04 | 0 | 3 | 2 | 8 | 8 | 0 | 2 | 2 | 1 |
| | 1130 | 29 | 1007.0 | 1003.8 | .. | 30.5 | 26.6 | 25.0 | 31.7 | 73 | .. | 5.6 | .. | 4.9 | 0 | 0 | 30 | 03 | 5 | 5 | 3 | 2 | 9 | 0 | 2 | 0 | 1 |
| | 1730 | 29 | 1004.6 | 1001.4 | +1.7 | 28.2 | 26.4 | 25.7 | 33.0 | 86 | + 3 | 5.5 | -0.8 | 3.0 | 0 | 0 | 23 | 05 | 2 | 2 | 1 | 1 | 8 | 1 | 3 | 7 | 0 |
| Agartala ..... | 0230 | 16 | 1004.8 | 1003.0 | .. | 25.0 | 24.6 | 24.4 | 30.5 | 96 | .. | 4.7 | .. | 4.6 | 0 | 1 | 12 | 00 | 0 | 3 | 6 | 4 | 0 | 0 | 0 | 17 | 0 |
| | 0530 | 16 | 1005.4 | 1003.6 | .. | 24.6 | 24.1 | 23.9 | 29.7 | 96 | .. | 5.6 | .. | 5.7 | 0 | 1 | 15 | 00 | 3 | 4 | 8 | 1 | 0 | 0 | 0 | 14 | 0 |
| | 0830 | 16 | 1006.9 | 1005.1 | +1.3 | 28.3 | 26.0 | 25.0 | 31.7 | 83 | - 3 | 5.4 | -1.0 | 8.5 | 0 | 1 | 20 | 00 | 2 | 2 | 12 | 5 | 0 | 0 | 0 | 9 | 0 |
| | 1130 | 16 | 1005.8 | 1004.0 | .. | 30.2 | 26.9 | 25.6 | 32.8 | 77 | .. | 6.0 | .. | 9.1 | 0 | 1 | 26 | 00 | 2 | 1 | 7 | 5 | 5 | 2 | 5 | 3 | 0 |
| | 1430 | 16 | 1003.3 | 1001.5 | .. | 29.5 | 26.5 | 25.3 | 32.2 | 79 | .. | 5.9 | .. | 9.1 | 0 | 0 | 29 | 02 | 5 | 1 | 2 | 4 | 4 | 5 | 6 | 1 | 0 |
| | 1730 | 16 | 1003.5 | 1001.7 | +1.2 | 27.8 | 26.0 | 25.2 | 32.1 | 86 | + 1 | 5.6 | -0.7 | 3.8 | 0 | 0 | 12 | 02 | 0 | 2 | 2 | 2 | 2 | 2 | 0 | 18 | 0 |
| | 2030 | 16 | 1005.6 | 1003.8 | .. | 26.3 | 25.4 | 25.0 | 31.7 | 93 | .. | 4.3 | .. | 4.7 | 0 | 2 | 11 | 01 | 1 | 2 | 5 | 4 | 0 | 0 | 0 | 17 | 0 |
| | 2330 | 16 | 1005.7 | 1003.9 | .. | 25.4 | 24.8 | 24.5 | 30.7 | 95 | .. | 4.8 | .. | 5.2 | 0 | 1 | 13 | 00 | 1 | 2 | 7 | 3 | 0 | 1 | 0 | 16 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra ..... | 0230 | 131 | 1006.0 | 991.1 | .. | 24.5 | 23.8 | 23.4 | 28.8 | 93 | .. | 4.9 | .. | 4.5 | 0 | 0 | 15 | 03 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 0530 | 131 | 1006.9 | 992.0 | .. | 23.8 | 23.0 | 22.6 | 27.4 | 92 | .. | 5.0 | .. | 4.2 | 0 | 0 | 16 | 02 | 9 | 2 | 0 | 1 | 0 | 0 | 2 | 14 | 0 |
| | 0830 | 131 | 1008.1 | 993.3 | +1.7 | 27.2 | 24.8 | 23.7 | 29.3 | 82 | + 1 | 5.6 | -0.2 | 7.5 | 0 | 0 | 22 | 00 | 14 | 5 | 1 | 2 | 0 | 0 | 0 | 8 | 0 |
| | 1130 | 131 | 1007.2 | 992.3 | .. | 29.6 | 25.9 | 24.3 | 30.4 | 74 | .. | 5.5 | .. | 10.8 | 0 | 0 | 29 | 00 | 12 | 10 | 6 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1430 | 131 | 1003.9 | 989.5 | .. | 30.8 | 26.4 | 24.5 | 30.7 | 70 | .. | 5.2 | .. | 9.7 | 0 | 0 | 27 | 02 | 7 | 8 | 1 | 4 | 2 | 2 | 1 | 3 | 0 |
| | 1730 | 131 | 1004.0 | 989.3 | +1.1 | 28.9 | 26.0 | 24.7 | 31.1 | 80 | - 2 | 4.6 | -0.9 | 6.7 | 0 | 0 | 22 | 01 | 11 | 3 | 2 | 2 | 1 | 0 | 2 | 8 | 0 |
| | 2030 | 131 | 1006.2 | 991.5 | .. | 26.5 | 25.1 | 24.5 | 30.7 | 89 | .. | 4.3 | .. | 3.8 | 0 | 0 | 14 | 01 | 10 | 2 | 0 | 0 | 1 | 0 | 0 | 16 | 0 |
| | 2330 | 131 | 1006.8 | 992.0 | .. | 25.3 | 24.4 | 23.9 | 29.7 | 92 | .. | 5.0 | .. | 4.2 | 0 | 0 | 15 | 05 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 15 | 0 |
| Jalpaiguri ..... | 0830 | 83 | 1007.5 | 998.1 | +0.8 | 25.4 | 24.3 | 23.8 | 29.5 | 90 | + 3 | 4.9 | -0.5 | 4.3 | 0 | 0 | 28 | 06 | 9 | 8 | 1 | 1 | 0 | 1 | 2 | 2 | 0 |
| Cooch Behar ..... | 1730 | 83 | 1003.4 | 994.2 | +0.7 | 28.7 | 25.5 | 24.1 | 30.0 | 77 | - 2 | 3.0 | -1.8 | 2.8 | 0 | 0 | 19 | 00 | 9 | 2 | 3 | 1 | 2 | 1 | 1 | 11 | 0 |
| | 0830 | 43 | 1007.9 | 1003.1 | +1.6 | 27.3 | 25.3 | 24.4 | 30.5 | 85 | + 3 | 5.2 | -0.5 | 8.1 | 0 | 2 | 24 | 03 | 7 | 12 | 4 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1130 | 43 | 1006.8 | 1002.0 | .. | 29.2 | 25.9 | 24.5 | 30.7 | 77 | .. | 5.7 | .. | 11.0 | 0 | 4 | 23 | 01 | 3 | 10 | 3 | 7 | 2 | 0 | 0 | 3 | 1 |
| | 1730 | 43 | 1004.2 | 999.4 | +1.7 | 28.4 | 26.1 | 25.1 | 31.9 | 83 | + 2 | 4.6 | -0.8 | 4.7 | 0 | 1 | 14 | 04 | 1 | 7 | 1 | 0 | 0 | 1 | 1 | 15 | 0 |
| Balurghat ..... | 0830 | 26 | 1006.9 | 1004.0 | .. | 28.9 | 26.2 | 25.1 | 31.9 | 79 | .. | 3.9 | .. | 3.1 | 0 | 0 | 27 | 04 | 3 | 10 | 1 | 4 | 3 | 1 | 1 | 3 | 0 |
| | 1730 | 26 | 1003.1 | 1000.2 | .. | 28.9 | 26.3 | 25.2 | 32.1 | 81 | .. | 4.6 | .. | 2.1 | 0 | 0 | 12 | 03 | 0 | 5 | 2 | 2 | 0 | 0 | 0 | 18 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SUB-HIMALAYAN WEST BENGAL (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malda | 0830 | 31 | 1007.1 | 1003.6 | +1.2 | 28.4 | 25.9 | 24.9 | 31.5 | 81 | - 1 | 3.8 | -1.9 | 1.8 | 0 | 0 | 18 | 01 | 3 | 4 | 4 | 3 | 0 | 2 | 1 | 12 | 0 |
| | 1730 | 31 | 1003.4 | 999.9 | +1.0 | 29.3 | 26.0 | 24.5 | 30.7 | 77 | - 3 | 4.5 | -1.1 | 1.6 | 0 | 0 | 13 | 03 | 1 | 3 | 2 | 2 | 0 | 1 | 1 | 17 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1006.8 | 1004.6 | +1.2 | 28.3 | 26.5 | 25.8 | 33.2 | 86 | + 5 | 4.9 | -1.0 | 1.9 | 0 | 0 | 18 | 01 | 1 | 7 | 0 | 6 | 1 | 1 | 1 | 12 | 0 |
| | 1730 | 19 | 1003.1 | 1000.9 | +1.0 | 28.5 | 26.2 | 25.3 | 32.2 | 83 | + 3 | 5.9 | -0.1 | 1.3 | 0 | 0 | 11 | 00 | 0 | 6 | 0 | 5 | 0 | 0 | 0 | 19 | 0 |
| Suri | 0830 | | .. | .. | .. | 28.5 | 26.0 | 24.9 | 31.5 | 81 | - 2 | 4.3 | -1.5 | 3.2 | 0 | 0 | 30 | 07 | 1 | 3 | 0 | 11 | 0 | 8 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1004.9 | 990.7 | .. | 25.7 | 24.6 | 24.1 | 30.0 | 91 | .. | 3.2 | .. | 1.7 | 0 | 0 | 9 | 00 | 3 | 1 | 1 | 0 | 0 | 3 | 1 | 21 | 0 |
| | 0530 | 126 | 1005.3 | 991.1 | .. | 25.3 | 24.3 | 23.8 | 29.5 | 91 | .. | 4.1 | .. | 1.7 | 0 | 0 | 13 | 00 | 2 | 2 | 2 | 1 | 0 | 3 | 3 | 17 | 0 |
| | 0830 | 126 | 1006.7 | 992.6 | +1.5 | 29.4 | 25.9 | 24.3 | 30.4 | 75 | - 8 | 3.7 | -2.0 | 4.9 | 0 | 0 | 27 | 02 | 2 | 2 | 6 | 1 | 0 | 7 | 7 | 3 | 0 |
| | 1130 | 126 | 1005.8 | 991.9 | .. | 32.2 | 26.3 | 23.7 | 29.3 | 62 | .. | 4.8 | .. | 5.4 | 0 | 0 | 30 | 03 | 7 | 4 | 1 | 3 | 1 | 4 | 7 | 0 | 0 |
| | 1430 | 126 | 1003.1 | 989.1 | .. | 31.8 | 26.3 | 23.9 | 29.7 | 64 | .. | 5.2 | .. | 1.9 | 0 | 0 | 29 | 05 | 5 | 6 | 3 | 2 | 2 | 2 | 4 | 1 | 0 |
| | 1730 | 126 | 1003.1 | 989.1 | +1.5 | 29.0 | 25.5 | 23.9 | 29.7 | 75 | - 5 | 5.5 | -0.8 | 3.6 | 0 | 0 | 25 | 02 | 3 | 9 | 6 | 3 | 0 | 1 | 1 | 5 | 0 |
| | 2030 | 126 | 1005.4 | 991.3 | .. | 27.3 | 25.1 | 24.1 | 30.0 | 83 | .. | 3.9 | .. | 1.7 | 0 | 0 | 9 | 00 | 3 | 3 | 2 | 0 | 1 | 0 | 0 | 21 | 0 |
| | 2330 | 126 | 1005.8 | 991.6 | .. | 26.2 | 24.8 | 24.2 | 30.2 | 88 | .. | 3.7 | .. | 2.7 | 0 | 0 | 14 | 00 | 5 | 3 | 2 | 0 | 0 | 3 | 1 | 16 | 0 |
| Shanti Niketan | 0830 | 59 | 1007.1 | 1000.5 | .. | 28.2 | 26.2 | 25.4 | 32.4 | 85 | .. | 4.3 | .. | 2.8 | 0 | 0 | 17 | 01 | 4 | 3 | 1 | 3 | 3 | 2 | 0 | 13 | 0 |
| | 1130 | 59 | 1006.4 | 999.8 | .. | 30.8 | 26.8 | 25.1 | 31.9 | 73 | .. | 4.3 | .. | 2.5 | 0 | 0 | 18 | 02 | 0 | 5 | 2 | 3 | 2 | 1 | 3 | 12 | 0 |
| | 1730 | 59 | 1003.6 | 996.9 | .. | 28.5 | 26.1 | 25.1 | 31.9 | 83 | .. | 5.6 | .. | 2.8 | 0 | 0 | 17 | 05 | 3 | 2 | 3 | 1 | 2 | 0 | 1 | 13 | 0 |
| Krishnanagar | 0830 | 15 | 1006.8 | 1005.2 | +1.2 | 29.4 | 26.7 | 25.5 | 32.6 | 80 | - 3 | 3.2 | -2.7 | 0.9 | 0 | 0 | 6 | 00 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 1730 | 15 | 1004.2 | 1002.6 | +1.9 | 28.9 | 26.0 | 24.7 | 31.1 | 80 | - 3 | 4.0 | -2.2 | 0.2 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Purulia | 0830 | 255 | 1007.1 | 978.7 | +1.6 | 27.8 | 24.8 | 23.4 | 28.8 | 77 | - 5 | 4.0 | -1.5 | 4.5 | 0 | 1 | 28 | 02 | 3 | 3 | 2 | 1 | 3 | 5 | 10 | 1 | 0 |
| | 1730 | 255 | 1003.7 | 975.3 | +1.5 | 29.7 | 25.1 | 23.0 | 28.1 | 68 | -11 | 5.6 | -1.0 | 4.5 | 0 | 0 | 27 | 01 | 9 | 1 | 7 | 0 | 3 | 1 | 5 | 3 | 0 |
| Bankura | 0830 | 100 | 1006.1 | 995.0 | .. | 28.8 | 26.3 | 25.3 | 32.2 | 81 | .. | 2.9[b] | .. | 1.9[b] | 0 | 0 | 13 | 00 | 0 | 1 | 1 | 0 | 0 | 6 | 0 | 16 | 5 |
| | 1730 | 100 | 1003.0 | 991.9 | .. | 30.0 | 26.8 | 25.5 | 32.6 | 77 | .. | 3.9[b] | .. | 1.8[b] | 0 | 0 | 10 | 07 | 0 | 0 | 2 | 0 | 0 | 1 | 0 | 19 | 0 |
| Burdwan | 0830 | 32 | 1006.2 | 1002.6 | +0.8 | 29.1 | 26.3 | 25.1 | 31.9 | 79 | - 4 | 3.0 | -1.8 | 3.6 | 0 | 0 | 20 | 00 | 1 | 8 | 4 | 2 | 2 | 3 | 0 | 10 | 0 |
| | 1730 | 32 | 1003.2 | 999.6 | +1.2 | 29.4 | 26.2 | 24.8 | 31.3 | 76 | - 4 | 4.6 | -0.8 | 5.3 | 0 | 0 | 24 | 01 | 1 | 12 | 0 | 7 | 0 | 2 | 1 | 6 | 0 |
| Barrackpore Aerodrome | 0530 | 7 | 1005.6 | 1004.8 | .. | 25.8 | 25.2 | 24.9 | 31.5 | 94 | .. | 4.1 | .. | 1.4 | 0 | 0 | 6 | 00 | 0 | 3 | 0 | 0 | 0 | 1 | 2 | 24 | 0 |
| | 0830 | 7 | 1007.0 | 1006.2 | .. | 28.5 | 26.5 | 25.7 | 33.0 | 84 | .. | 5.1 | .. | 4.3 | 0 | 0 | 20 | 03 | 4 | 3 | 0 | 1 | 2 | 5 | 2 | 10 | 0 |
| | 1130 | 7 | 1006.4 | 1005.7 | .. | 30.2 | 26.7 | 25.3 | 32.2 | 76 | .. | 5.3 | .. | 5.4 | 0 | 0 | 23 | 02 | 2 | 4 | 1 | 1 | 6 | 5 | 2 | 7 | 0 |
| | 1730 | 7 | 1003.1 | 1002.4 | .. | 28.6 | 26.2 | 25.2 | 32.1 | 83 | .. | 5.5 | .. | 4.9 | 0 | 0 | 21 | 01 | 4 | 7 | 1 | 2 | 1 | 4 | 1 | 9 | 0 |
| | 2330 | 7 | 1006.2 | 1005.4 | .. | 26.3 | 25.4 | 25.1 | 31.9 | 93 | .. | 4.1 | .. | 0.9 | 0 | 0 | 5 | 00 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 25 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1004.4 | 1003.7 | .. | 26.2 | 25.5 | 25.2 | 32.1 | 94 | .. | 3.5 | .. | 2.7 | 0 | 0 | 15 | 00 | 2 | 4 | 2 | 2 | 1 | 1 | 3 | 15 | 0 |
| | 0530 | 6 | 1004.9 | 1004.2 | .. | 25.9 | 25.2 | 24.9 | 31.5 | 94 | .. | 5.5 | .. | 2.5 | 0 | 0 | 14 | 00 | 3 | 5 | 2 | 2 | 1 | 0 | 1 | 16 | 0 |
| | 0830 | 6 | 1006.4 | 1005.7 | +0.8 | 29.1 | 26.7 | 25.7 | 33.0 | 82 | + 1 | 5.1 | -1.0 | 5.4 | 0 | 0 | 27 | 01 | 3 | 5 | 3 | 3 | 2 | 5 | 5 | 3 | 0 |
| | 1130 | 6 | 1005.6 | 1004.9 | .. | 30.6 | 26.6 | 24.9 | 31.5 | 73 | .. | 6.1 | .. | 7.9 | 0 | 2 | 27 | 03 | 3 | 5 | 4 | 1 | 3 | 2 | 8 | 1 | 0 |
| | 1430 | 6 | 1003.1 | 1002.5 | .. | 30.2 | 26.7 | 25.3 | 32.2 | 76 | .. | 6.2 | .. | 7.4 | 0 | 1 | 26 | 02 | 0 | 5 | 9 | 3 | 1 | 3 | 4 | 3 | 0 |
| | 1730 | 6 | 1003.1 | 1002.4 | +0.9 | 28.5 | 26.1 | 25.1 | 31.9 | 82 | + 1 | 6.1 | -0.4 | 6.2 | 0 | 1 | 26 | 02 | 2 | 5 | 7 | 5 | 0 | 2 | 4 | 3 | 0 |
| | 2030 | 6 | 1005.2 | 1004.5 | .. | 27.1 | 25.7 | 25.1 | 31.9 | 89 | .. | 3.2 | .. | 4.9 | 0 | 1 | 24 | 02 | 2 | 3 | 8 | 3 | 4 | 1 | 2 | 5 | 0 |
| | 2330 | 6 | 1005.3 | 1004.6 | .. | 26.4 | 25.4 | 25.0 | 31.7 | 92 | .. | 4.0 | .. | 3.9 | 0 | 1 | 14 | 01 | 0 | 3 | 4 | 4 | 1 | 1 | 1 | 15 | 0 |
| Calcutta | 0830 | 6 | 1006.6 | 1005.9 | +1.1 | 29.5 | 26.8 | 25.7 | 33.0 | 80 | - 4 | 4.7 | -1.2 | 6.5 | 0 | 0 | 26 | 02 | 2 | 5 | 1 | 2 | 5 | 6 | 3 | 4 | 0 |
| | 1130 | 6 | 1005.7 | 1005.1 | .. | 30.8 | 27.1 | 25.5 | 32.6 | 75 | .. | 5.8 | .. | 8.5 | 0 | 2 | 28 | 03 | 4 | 5 | 2 | 4 | 3 | 5 | 4 | 0 | 0 |
| | 1730 | 6 | 1003.3 | 1002.6 | +1.1 | 28.7 | 26.4 | 25.5 | 32.6 | 83 | + 1 | 5.7 | -0.7 | 7.4 | 0 | 1 | 26 | 00 | 5 | 3 | 4 | 6 | 4 | 2 | 3 | 3 | 0 |
| Midnapore | 0830 | 45 | 1006.6 | 1001.5 | +1.3 | 28.5 | 25.9 | 24.8 | 31.3 | 81 | - 2 | 2.9 | -2.5 | 1.7 | 0 | 0 | 16 | 03 | 4 | 1 | 2 | 1 | 3 | 2 | 0 | 14 | 0 |
| | 1730 | 45 | 1003.2 | 998.1 | +1.2 | 28.9 | 25.9 | 24.6 | 30.9 | 79 | - 3 | 4.1 | -1.8 | 2.4 | 0 | 0 | 18 | 01 | 3 | 0 | 2 | 3 | 7 | 1 | 0 | 12 | 1 |
| Contai | 0830 | 11 | 1006.3 | 1005.1 | +1.4 | 29.0 | 26.7 | 25.7 | 33.0 | 83 | - 1 | 2.9[b] | -2.4 | 5.9[b] | 0 | 2 | 23 | 07 | 1 | 1 | 3 | 4 | 5 | 4 | 0 | 4 | 0 |
| | 1730 | 11 | 1003.2 | 1002.0 | +1.3 | 28.9 | 26.0 | 24.7 | 31.1 | 81 | - 4 | 3.4[b] | -1.7 | 5.8[b] | 0 | 1 | 19 | 03 | 0 | 4 | 1 | 10 | 2 | 0 | 0 | 9 | 0 |
| Sagar Island | 0830 | 3 | 1005.9 | 1005.7 | +1.0 | 28.8 | 26.8 | 26.0 | 33.6 | 85 | + 3 | 4.8 | -1.1 | 13.6 | 0 | 7 | 22 | 04 | 2 | 3 | 2 | 3 | 5 | 4 | 6 | 1 | 0 |
| | 1730 | 3 | 1002.8 | 1002.5 | +0.7 | 28.6 | 26.4 | 25.5 | 32.6 | 84 | + 1 | 5.4 | -0.5 | 15.6 | 0 | 8 | 22 | 03 | 4 | 4 | 5 | 7 | 4 | 1 | 2 | 0 | 0 |
| Sandheads | 0530 | 10 | 1004.3 | 1003.2 | .. | 28.3 | 26.5 | 25.8 | 33.2 | 87 | .. | 5.1 | .. | 16.0 | 1 | 7 | 19 | 02 | 1 | 1 | 3 | 4 | 11 | 0 | 5 | 3 | 0 |
| | 0830 | 10 | 1006.0 | 1004.9 | +0.6 | 29.6 | 27.0 | 26.0 | 33.6 | 82 | + 1 | 4.6 | -0.9 | 16.9 | 0 | 12 | 14 | 04 | 2 | 3 | 3 | 3 | 9 | 1 | 1 | 4 | 0 |
| | 1130 | 10 | 1005.5 | 1004.4 | .. | 30.2 | 27.1 | 25.9 | 33.4 | 78 | .. | 5.4 | .. | 18.1 | 0 | 13 | 13 | 04 | 1 | 5 | 4 | 3 | 7 | 1 | 1 | 4 | 0 |
| | 1730 | 10 | 1003.2 | 1002.1 | +0.7 | 29.2 | 26.6 | 25.5 | 32.6 | 81 | - 1 | 5.5 | +0.1 | 16.9 | 2 | 7 | 16 | 03 | 4 | 3 | 3 | 2 | 7 | 1 | 2 | 5 | 0 |
| | 2330 | 10 | 1004.3 | 1003.2 | .. | 28.5 | 26.5 | 25.7 | 33.0 | 86 | .. | 1.4 | .. | 18.7 | 2 | 7 | 16 | 02 | 1 | 2 | 5 | 1 | 10 | 2 | 2 | 5 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1007.4 | 1001.3 | +2.2 | 28.4 | 25.7 | 24.5 | 30.7 | 80 | - 3 | 3.0 | -2.6 | 3.7 | 0 | 0 | 23 | 10 | 6 | 1 | 1 | 0 | 1 | 0 | 2 | 7 | 2 |
| | 1730 | 54 | 1004.2 | 998.1 | +2.0 | 28.8 | 25.9 | 24.7 | 31.1 | 79 | - 6 | 4.8 | -1.3 | 2.1 | 0 | 0 | 13 | 02 | 2 | 2 | 2 | 2 | 0 | 1 | 1 | 17 | 1 |
| Jharsuguda | 0230 | 230 | 1004.7 | 978.9 | .. | 25.5 | 24.3 | 23.8 | 29.5 | 90 | .. | 3.6 | .. | 2.1 | 0 | 0 | 10 | 01 | 3 | 1 | 2 | 0 | 1 | 1 | 1 | 20 | 0 |
| | 0530 | 230 | 1005.2 | 979.3 | .. | 24.9 | 23.9 | 23.4 | 28.8 | 92 | .. | 5.0 | .. | 2.7 | 0 | 0 | 11 | 01 | 4 | 1 | 2 | 0 | 0 | 1 | 2 | 19 | 0 |
| | 0830 | 230 | 1006.8 | 981.1 | +1.9 | 28.0 | 25.0 | 23.6 | 29.1 | 77 | - 8 | 3.1 | -3.3 | 5.1 | 0 | 0 | 15 | 01 | 4 | 2 | 1 | 0 | 3 | 2 | 2 | 15 | 0 |
| | 1130 | 230 | 1005.6 | 980.3 | .. | 31.3 | 25.5 | 22.9 | 27.9 | 61 | .. | 4.5 | .. | 8.2 | 0 | 2 | 20 | 02 | 7 | 3 | 0 | 1 | 2 | 3 | 4 | 8 | 0 |
| | 1430 | 230 | 1002.8 | 977.5 | .. | 31.6 | 25.3 | 22.4 | 27.1 | 59 | .. | 5.7 | .. | 11.7 | 0 | 4 | 22 | 02 | 6 | 3 | 0 | 1 | 3 | 8 | 3 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ORISSA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 1730 | 230 | 1002.7 | 977.3 | +1.5 | 29.5 | 24.9 | 22.8 | 27.7 | 68 | -13 | 5.9 | -1.0 | 8.0 | 0 | 1 | 23 | 01 | 5 | 1 | 3 | 1 | 2 | 9 | 2 | 6 | 0 |
| | 2030 | 230 | 1005.0 | 979.3 | .. | 27.3 | 24.9 | 23.8 | 29.5 | 82 | .. | 4.6 | .. | 4.0 | 0 | 0 | 15 | 00 | 4 | 3 | 2 | 1 | 2 | 2 | 1 | 15 | 0 |
| | 2330 | 230 | 1005.5 | 979.7 | .. | 26.2 | 24.4 | 23.6 | 29.1 | 86 | .. | 4.1 | .. | 3.4 | 0 | 1 | 12 | 01 | 2 | 1 | 1 | 3 | 0 | 3 | 2 | 17 | 0 |
| Keonjhargarh | 0830 | 463 | 1006.7 | 955.6 | +1.2 | 25.9 | 23.4 | 22.3 | 26.9 | 80 | - 2 | 2.6 | -3.2 | 1.3 | 0 | 0 | 19 | 04 | 0 | 2 | 1 | 2 | 0 | 6 | 4 | 11 | 0 |
| | 1730 | 463 | 1001.7 | 951.1 | -0.4 | 27.6 | 23.6 | 21.8 | 26.1 | 71 | -11 | 3.7 | -3.5 | 1.7 | 0 | 0 | 26 | 00 | 4 | 1 | 2 | 0 | 8 | 3 | 8 | 4 | 0 |
| Balasore | 0830 | 20 | 1006.3 | 1004.0 | +1.1 | 28.9 | 26.2 | 25.1 | 31.9 | 81 | - 3 | 4.8 | -2.1 | 5.4 | 0 | 1 | 29 | 09 | 4 | 2 | 1 | 2 | 8 | 3 | 1 | 0 | 0 |
| | 1730 | 20 | 1003.1 | 1000.9 | +1.1 | 29.2 | 26.4 | 25.2 | 32.1 | 79 | - 5 | 5.8 | -1.3 | 3.9 | 0 | 0 | 27 | 05 | 3 | 3 | 7 | 8 | 1 | 0 | 0 | 3 | 0 |
| Sambalpur | 0830 | 148 | 1006.4 | 990.0 | +1.4 | 29.1 | 26.8 | 25.9 | 33.4 | 83 | - 1 | 2.6 | -3.3 | 1.5 | 0 | 0 | 12 | 01 | 2 | 2 | 1 | 2 | 3 | 1 | 0 | 18 | 0 |
| | 1730 | 148 | 1004.3 | 987.9 | +2.7 | 29.9 | 27.3 | 26.3 | 34.2 | 81 | + 2 | 4.0 | -2.5 | 0.9 | 0 | 0 | 11 | 00 | 1 | 1 | 2 | 1 | 6 | 0 | 0 | 19 | 0 |
| Angul | 0830 | 139 | 1006.5 | 991.1 | +1.2 | 28.4 | 25.6 | 24.4 | 30.5 | 79 | - 4 | 5.8 | -0.3 | 3.4 | 0 | 0 | 30 | 09 | 1 | 5 | 0 | 2 | 0 | 9 | 4 | 0 | 0 |
| | 1730 | 139 | 1003.0 | 987.6 | +1.0 | 29.0 | 26.2 | 25.0 | 31.7 | 80 | + 2 | 6.9 | +0.2 | 3.3 | 0 | 0 | 25 | 02 | 5 | 7 | 1 | 4 | 2 | 4 | 0 | 5 | 0 |
| Chandbali | 0830 | 6 | 1006.4 | 1005.8 | +1.1 | 28.6 | 26.4 | 25.5 | 32.6 | 83 | + 0 | 4.6 | -0.7 | 4.9 | 0 | 1 | 20 | 02 | 1 | 0 | 2 | 2 | 5 | 3 | 6 | 9 | 0 |
| | 1730 | 6 | 1003.5 | 1002.8 | +1.2 | 29.2 | 26.2 | 24.9 | 31.5 | 79 | - 3 | 5.6 | +0.1 | 4.0 | 0 | 1 | 18 | 00 | 3 | 5 | 4 | 2 | 2 | 1 | 2 | 11 | 0 |
| Bolangir | 0830 | 190 | 1006.7 | 985.4 | +2.5 | 27.7 | 25.2 | 24.1 | 30.0 | 78 | - 4 | 5.2 | -1.1 | 3.6 | 0 | 0 | 30 | 03 | 4 | 2 | 1 | 12 | 2 | 5 | 1 | 0 | 0 |
| | 1730 | 190 | 1003.0 | 981.9 | +1.7 | 30.7 | 25.9 | 23.8 | 29.5 | 72 | - 7 | 5.8 | -1.0 | 2.6 | 0 | 0 | 27 | 03 | 2 | 4 | 2 | 5 | 1 | 6 | 4 | 3 | 0 |
| Phulbani | 0830 | 464 | 1004.8 | 953.7 | .. | 25.9 | 23.4 | 22.1 | 26.6 | 81 | .. | 2.5 | .. | 0.3 | 0 | 0 | 4 | 00 | 0 | 1 | 0 | 0 | 1 | 2 | 0 | 26 | 0 |
| | 1730 | 464 | 1001.0 | 950.4 | .. | 27.7 | 23.8 | 21.9 | 26.3 | 73 | .. | 4.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Cuttack | 0830 | 27 | 1006.7 | 1003.7 | +1.3 | 28.9 | 26.0 | 24.8 | 31.3 | 79 | - 4 | 5.0 | -0.5 | 5.1 | 0 | 0 | 27 | 01 | 4 | 0 | 2 | 1 | 3 | 7 | 9 | 3 | 0 |
| | 1730 | 27 | 1003.6 | 1000.6 | +1.5 | 30.9 | 26.5 | 24.6 | 30.9 | 71 | - 9 | 5.7 | -0.4 | 4.2 | 0 | 1 | 21 | 00 | 1 | 2 | 7 | 2 | 6 | 1 | 3 | 8 | 0 |
| Titilagarh | 0830 | 211 | .. | .. | .. | 27.4 | 25.7 | 24.9 | 31.5 | 86 | + 3 | 3.5 | -1.4 | 2.0 | 0 | 0 | 30 | 00 | 2 | 0 | 8 | 0 | 19 | 0 | 1 | 0 | 0 |
| | 1730 | 211 | .. | .. | .. | 29.7 | 25.5 | 23.6 | 29.1 | 71 | - 5 | 3.7 | -1.6 | 2.0 | 0 | 0 | 30 | 00 | 9 | 0 | 4 | 0 | 9 | 1 | 7 | 0 | 0 |
| Bhubaneswar | 0230 | 46 | 1004.6 | 999.4 | .. | 26.1 | 25.3 | 25.0 | 31.7 | 94 | .. | 3.7 | .. | 5.8 | 0 | 3 | 11 | 02 | 1 | 1 | 0 | 0 | 7 | 2 | 1 | 16 | 0 |
| | 0530 | 46 | 1005.0 | 999.8 | .. | 25.4 | 24.8 | 24.5 | 30.7 | 95 | .. | 4.8 | .. | 6.6 | 0 | 1 | 22 | 04 | 3 | 1 | 0 | 2 | 5 | 5 | 3 | 7 | 0 |
| | 0830 | 46 | 1006.5 | 1001.3 | +1.6 | 28.3 | 25.9 | 24.9 | 31.5 | 82 | - 3 | 4.9 | -1.4 | 8.8 | 0 | 1 | 27 | 06 | 6 | 1 | 0 | 1 | 5 | 4 | 5 | 2 | 0 |
| | 1130 | 46 | 1005.6 | 1000.5 | .. | 30.8 | 26.5 | 24.7 | 31.1 | 71 | .. | 5.3 | .. | 10.9 | 0 | 3 | 23 | 01 | 5 | 2 | 1 | 3 | 3 | 3 | 6 | 4 | 2 |
| | 1430 | 46 | 1003.1 | 998.0 | .. | 31.3 | 26.3 | 24.1 | 30.0 | 67 | .. | 5.9 | .. | 14.3 | 0 | 8 | 20 | 02 | 4 | 4 | 2 | 2 | 6 | 3 | 5 | 2 | 0 |
| | 1730 | 46 | 1003.5 | 998.3 | +1.7 | 28.7 | 25.9 | 24.7 | 31.1 | 80 | - 4 | 6.6 | -0.1 | 9.5 | 0 | 4 | 21 | 03 | 1 | 1 | 4 | 9 | 4 | 0 | 3 | 5 | 0 |
| | 2030 | 46 | 1005.5 | 1000.4 | .. | 27.4 | 25.8 | 25.1 | 31.9 | 88 | .. | 4.3 | .. | 7.1 | 0 | 3 | 19 | 01 | 1 | 1 | 2 | 5 | 9 | 2 | 1 | 8 | 0 |
| | 2330 | 46 | 1005.6 | 1000.4 | .. | 26.7 | 25.6 | 25.1 | 31.9 | 91 | .. | 3.9 | .. | 6.8 | 0 | 1 | 23 | 01 | 1 | 1 | 1 | 5 | 9 | 3 | 3 | 6 | 0 |
| Puri | 0830 | 6 | 1006.1 | 1005.4 | +0.7 | 29.8 | 26.8 | 25.6 | 32.8 | 79 | - 1 | 5.3 | -0.2 | 8.8 | 0 | 3 | 19 | 05 | 2 | 0 | 0 | 4 | 8 | 0 | 3 | 8 | 0 |
| | 1730 | 6 | 1003.4 | 1002.7 | +1.0 | 29.4 | 26.6 | 25.4 | 32.4 | 80 | - 1 | 6.9[b] | +1.2 | 13.0[b] | 0 | 4 | 21 | 03 | 3 | 2 | 2 | 4 | 9 | 0 | 2 | 4 | 0 |
| Gopalpur | 0530 | 17 | 1004.9 | 1003.0 | .. | 26.4 | 25.1 | 24.5 | 30.7 | 90 | .. | 5.5 | .. | 7.1 | 0 | 3 | 15 | 00 | 0 | 0 | 0 | 0 | 3 | 3 | 12 | 12 | 0 |
| | 0830 | 17 | 1006.7 | 1004.8 | +1.2 | 28.4 | 25.9 | 24.9 | 31.5 | 81 | + 0 | 5.3 | -0.3 | 9.8 | 0 | 4 | 22 | 09 | 3 | 0 | 0 | 0 | 7 | 0 | 7 | 4 | 0 |
| | 1130 | 17 | 1006.2 | 1004.3 | .. | 31.1 | 26.6 | 24.7 | 31.1 | 70 | .. | 5.4 | .. | 14.8 | 0 | 7 | 23 | 04 | 1 | 4 | 3 | 3 | 10 | 1 | 4 | 0 | 0 |
| | 1730 | 17 | 1003.5 | 1001.6 | +1.0 | 29.5 | 26.2 | 24.8 | 31.3 | 76 | - 7 | 6.2 | +0.2 | 15.0 | 0 | 7 | 21 | 04 | 1 | 2 | 4 | 0 | 15 | 1 | 1 | 2 | 0 |
| | 2330 | 17 | 1005.7 | 1003.8 | .. | 27.7 | 25.5 | 24.5 | 30.7 | 83 | .. | 4.9 | .. | 10.3 | 0 | 5 | 17 | 02 | 3 | 2 | 1 | 0 | 7 | 4 | 3 | 8 | 0 |
| Koraput | 0830 | 913 | 1491.5 | 909.0 | +2.1 | 21.5 | 20.5 | 20.0 | 23.4 | 91 | + 2 | 5.5 | -0.4 | 6.7[c] | 0 | 0 | 28 | 00 | 0 | 0 | 4 | 5 | 17 | 1 | 1 | 0 | 0 |
| | 1730 | 913 | 1458.5 | 905.0 | +0.7 | 23.8 | 21.2 | 19.9 | 23.2 | 80 | - 3 | 6.0 | -0.6 | 7.3 | 0 | 0 | 30 | 01 | 0 | 0 | 2 | 1 | 26 | 0 | 0 | 0 | 0 |
| BIHAR PLATEAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1006.9 | 990.2 | +1.6 | 28.6 | 25.8 | 24.6 | 30.9 | 79 | - 2 | 3.2 | -1.1 | 2.5 | 0 | 0 | 13 | 00 | 3 | 2 | 2 | 3 | 1 | 2 | 0 | 17 | 0 |
| | 1730 | 149 | 1003.7 | 987.1 | +1.7 | 28.9 | 25.5 | 24.0 | 29.8 | 75 | - 5 | 3.6 | -1.2 | 3.7 | 0 | 0 | 19 | 00 | 3 | 3 | 8 | 2 | 0 | 3 | 0 | 11 | 0 |
| Daltonganj | 0830 | 221 | 1006.8 | 982.3 | +1.9 | 29.2 | 24.7 | 22.6 | 27.4 | 68 | -11 | 2.8 | -2.1 | 2.4 | 0 | 0 | 29 | 01 | 3 | 2 | 1 | 2 | 4 | 7 | 9 | 1 | 0 |
| | 1730 | 221 | 1002.4 | 978.2 | +1.3 | 31.1 | 24.2 | 20.7 | 24.4 | 55 | -22 | 4.4 | -1.7 | 4.0 | 0 | 0 | 29 | 03 | 11 | 0 | 2 | 0 | 4 | 1 | 8 | 1 | 0 |
| Hazaribagh | 0830 | 611 | 1006.5 | 939.5 | +1.4 | 26.2 | 22.1 | 20.1 | 23.5 | 71 | -12 | 3.2 | -2.3 | 9.2 | 0 | 2 | 26 | 03 | 3 | 2 | 2 | 1 | 1 | 1 | 15 | 2 | 0 |
| | 1730 | 611 | 1002.8 | 936.5 | +1.3 | 27.8 | 22.7 | 20.3 | 23.8 | 65 | -17 | 4.9 | -2.2 | 8.3 | 0 | 2 | 23 | 05 | 5 | 1 | 3 | 1 | 0 | 1 | 9 | 5 | 0 |
| Dhanbad | 0830 | 257 | 1006.2 | 977.6 | +1.1 | 28.1 | 25.1 | 23.8 | 29.5 | 78 | - 5 | 2.4 | -3.5 | 2.2 | 0 | 0 | 15 | 01 | 4 | 1 | 3 | 0 | 0 | 4 | 2 | 15 | 0 |
| | 1730 | 257 | 1002.8 | 974.2 | .. | 29.2 | 24.8 | 22.8 | 27.7 | 69 | .. | 2.8 | .. | 1.7 | 0 | 0 | 11 | 00 | 1 | 6 | 0 | 1 | 0 | 2 | 0 | 19 | 1 |
| Ranchi | 0830 | 655 | 1006.3 | 934.9 | +1.8 | 26.6 | 22.7 | 20.9 | 24.7 | 72 | -11 | 4.0 | -1.4 | 1.3 | 0 | 0 | 19 | 03 | 6 | 1 | 2 | 0 | 1 | 1 | 5 | 11 | 0 |
| | 1730 | 655 | 1003.4 | 932.3 | +1.8 | 27.0 | 22.7 | 20.7 | 24.4 | 70 | -13 | 5.2 | -0.9 | 1.0 | 0 | 0 | 15 | 02 | 1 | 1 | 1 | 0 | 1 | 2 | 7 | 15 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1005.3 | 933.4 | .. | 22.6 | 21.3 | 20.7 | 24.4 | 89 | .. | 3.4 | .. | 4.6 | 0 | 2 | 7 | 00 | 2 | 1 | 0 | 3 | 0 | 0 | 3 | 21 | 0 |
| | 0830 | 652 | 1006.1 | 934.9 | +2.0 | 25.9 | 22.4 | 20.7 | 24.4 | 74 | -11 | 3.0 | -3.2 | 10.5 | 0 | 5 | 15 | 02 | 3 | 3 | 1 | 1 | 0 | 2 | 8 | 10 | 0 |
| | 1130 | 652 | 1005.2 | 934.7 | .. | 28.2 | 22.7 | 20.1 | 23.5 | 63 | .. | 4.5 | .. | 14.4 | 0 | 7 | 19 | 05 | 7 | 3 | 1 | 0 | 1 | 1 | 8 | 4 | 0 |
| | 1430 | 652 | 1002.3 | 932.1 | .. | 28.9 | 22.8 | 19.9 | 23.2 | 60 | .. | 4.9 | .. | 17.0 | 0 | 8 | 22 | 05 | 5 | 5 | 1 | 1 | 0 | 4 | 9 | 0 | 0 |
| | 1730 | 652 | 1002.4 | 931.8 | +1.9 | 27.0 | 22.5 | 20.3 | 23.8 | 69 | -11 | 4.9 | -1.7 | 12.1 | 0 | 4 | 23 | 03 | 6 | 3 | 1 | 4 | 2 | 1 | 7 | 3 | 0 |
| | 2030 | 652 | 1005.0 | 933.7 | .. | 24.8 | 22.4 | 21.3 | 25.3 | 81 | .. | 3.4 | .. | 7.2 | 0 | 3 | 14 | 01 | 3 | 4 | 1 | 2 | 0 | 2 | 4 | 13 | 0 |
| Jamshedpur | 0830 | 129 | 1006.0 | 991.5 | +0.7 | 28.2 | 25.3 | 24.1 | 30.0 | 78 | - 4 | 4.0 | -1.6 | 2.3 | 0 | 0 | 23 | 00 | 1 | 3 | 1 | 1 | 5 | 10 | 2 | 7 | 0 |
| | 1730 | 129 | 1002.6 | 988.3 | +1.1 | 29.9 | 25.4 | 23.3 | 28.6 | 69 | -10 | 5.0 | -1.4 | 2.2 | 0 | 0 | 20 | 03 | 1 | 6 | 2 | 2 | 0 | 5 | 1 | 10 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1005.2 | 989.2 | .. | 25.1 | 24.4 | 24.1 | 30.0 | 94 | .. | 4.0 | .. | 2.3 | 0 | 0 | 13 | 00 | 0 | 5 | 0 | 2 | 1 | 2 | 3 | 17 | 0 |
| | 0830 | 142 | 1006.7 | 990.8 | +2.3 | 28.1 | 25.5 | 24.4 | 30.5 | 81 | - 2 | 3.8 | -2.5 | 4.9 | 0 | 0 | 24 | 01 | 3 | 2 | 0 | 1 | 6 | 5 | 6 | 6 | 0 |
| | 1130 | 142 | 1005.7 | 989.9 | .. | 31.0 | 26.2 | 24.1 | 30.0 | 67 | .. | 4.4 | .. | 7.3 | 0 | 0 | 28 | 01 | 1 | 7 | 1 | 2 | 2 | 6 | 8 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 1430 | 142 | 1002.7 | 987.1 | .. | 32.0 | 26.2 | 23.7 | 29.3 | 63 | .. | 5.0 | .. | 7.8 | 0 | 1 | 27 | 04 | 3 | 5 | 0 | 3 | 2 | 3 | 8 | 2 | 0 |
| | 1730 | 142 | 1002.9 | 987.1 | +2.0 | 29.3 | 25.7 | 24.1 | 30.0 | 74 | - 6 | 5.5 | -1.4 | 4.8 | 0 | 0 | 22 | 01 | 2 | 9 | 2 | 0 | 1 | 3 | 4 | 8 | 0 |
| | 2030 | 142 | 1005.2 | 989.3 | .. | 27.4 | 25.3 | 24.3 | 30.4 | 84 | .. | 3.7 | .. | 2.8 | 0 | 0 | 15 | 00 | 3 | 6 | 1 | 2 | 1 | 2 | 0 | 15 | 0 |
| | 2330 | 142 | 1005.5 | 989.5 | .. | 26.4 | 25.0 | 24.4 | 30.5 | 88 | .. | 3.4 | .. | 2.5 | 0 | 0 | 12 | 01 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | 18 | 0 |
| Chaibasa | 0830 | 226 | 1006.2 | 981.0 | +1.1 | 27.9 | 24.8 | 23.3 | 28.6 | 77 | - 6 | 4.6 | -1.7 | 2.6 | 0 | 0 | 18 | 00 | 5 | 0 | 2 | 0 | 11 | 0 | 0 | 12 | 0 |
| | 1730 | 226 | 1003.0 | 978.0 | +1.5 | 29.0 | 24.8 | 22.9 | 27.9 | 72 | - 8 | 5.7 | -1.3 | 0.8 | 0 | 0 | 10 | 00 | 3 | 0 | 1 | 0 | 6 | 0 | 0 | 20 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1006.9 | 999.4 | +1.4 | 28.8 | 26.1 | 25.3 | 32.2 | 83 | + 2 | 3.1 | -2.0 | 3.3 | 0 | 0 | 24 | 00 | 12 | 4 | 3 | 1 | 0 | 0 | 4 | 6 | 0 |
| | 1730 | 66 | 1003.1 | 995.7 | +1.5 | 30.2 | 26.8 | 25.4 | 32.4 | 77 | - 2 | 2.1 | -2.3 | 3.2 | 0 | 0 | 22 | 08 | 4 | 4 | 0 | 0 | 1 | 2 | 3 | 8 | 0 |
| Forbesganj | 0830 | 61 | 1007.1 | 1000.2 | +1.8 | 27.6 | 25.2 | 24.1 | 30.0 | 82 | + 0 | 4.6 | -0.8 | 2.3 | 0 | 0 | 25 | 00 | 4 | 20 | 1 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 1730 | 61 | 1003.2 | 996.4 | +1.7 | 29.8 | 26.1 | 24.5 | 30.7 | 73 | - 3 | 3.7 | -1.2 | 1.5 | 0 | 0 | 18 | 02 | 0 | 10 | 1 | 0 | 0 | 5 | 0 | 12 | 0 |
| Darbhanga | 0830 | 49 | 1007.7 | 1002.3 | +2.3 | 30.6 | 26.9 | 25.3 | 32.2 | 74 | - 7 | 2.9 | -2.5 | 1.5 | 0 | 0 | 11 | 00 | 4 | 5 | 0 | 0 | 0 | 1 | 1 | 19 | 0 |
| | 1730 | 49 | 1003.8 | 998.3 | +2.0 | 31.0 | 27.2 | 25.7 | 33.0 | 74 | - 2 | 1.8 | -3.5 | 1.3 | 0 | 0 | 7 | 00 | 1 | 5 | 0 | 0 | 0 | 1 | 0 | 23 | 0 |
| Muzaffarpur | 0830 | | .. | .. | .. | 29.2 | 26.3 | 25.1 | 31.9 | 79 | .. | 3.4 | .. | 3.1 | 0 | 0 | 16 | 01 | 1 | 6 | 3 | 1 | 0 | 2 | 2 | 14 | 0 |
| | 1730 | | .. | .. | .. | 30.9 | 26.9 | 25.3 | 32.2 | 72 | .. | 3.1 | .. | 2.3 | 0 | 0 | 16 | 06 | 2 | 3 | 0 | 0 | 0 | 3 | 2 | 14 | 0 |
| Chapra | 0830 | 58 | 1006.5 | 1000.0 | .. | 29.7 | 25.5 | 23.6 | 29.1 | 70 | .. | 2.0 | .. | 2.0 | 0 | 0 | 22 | 01 | 6 | 0 | 4 | 0 | 4 | 0 | 7 | 8 | 0 |
| | 1730 | 58 | 1002.9 | 996.5 | .. | 31.6 | 25.7 | 23.1 | 28.3 | 62 | .. | 2.1 | .. | 2.2 | 0 | 0 | 21 | 02 | 10 | 0 | 2 | 0 | 0 | 0 | 7 | 9 | 0 |
| Purnea | 0830 | 38 | 1007.2 | 1002.9 | +1.6 | 28.3 | 26.0 | 25.1 | 31.9 | 82 | - 1 | 4.0 | -1.3 | 1.5 | 0 | 0 | 18 | 02 | 3 | 11 | 0 | 0 | 1 | 1 | 0 | 12 | 0 |
| | 1730 | 38 | 1003.1 | 998.8 | +0.7 | 29.3 | 26.5 | 25.3 | 32.2 | 80 | - 2 | 4.5 | -0.5 | 0.7 | 0 | 0 | 8 | 00 | 1 | 6 | 0 | 0 | 0 | 1 | 0 | 22 | 0 |
| Patna | 0830 | 53 | 1006.5 | 1000.6 | +1.4 | 29.5 | 25.6 | 23.9 | 29.7 | 72 | - 8 | 2.6 | -2.6 | 5.8 | 0 | 0 | 29 | 01 | 7 | 4 | 5 | 1 | 3 | 5 | 3 | 1 | 0 |
| | 1730 | 53 | 1002.7 | 996.9 | +1.1 | 31.8 | 25.6 | 22.8 | 27.7 | 60 | -15 | 2.7 | -2.9 | 5.7 | 0 | 0 | 29 | 06 | 8 | 3 | 0 | 1 | 2 | 7 | 2 | 1 | 0 |
| Patna Aerodrome | 0530 | 60 | 1004.6 | 997.8 | .. | 25.6 | 24.7 | 24.3 | 30.4 | 92 | .. | 3.6 | .. | 3.2 | 0 | 0 | 12 | 00 | 3 | 4 | 1 | 0 | 1 | 3 | 0 | 18 | 0 |
| | 0830 | 60 | 1006.1 | 999.4 | +1.8 | 29.8 | 25.9 | 24.3 | 30.4 | 73 | -10 | 3.3 | -2.2 | 7.5 | 0 | 2 | 24 | 01 | 0 | 6 | 5 | 1 | 2 | 8 | 1 | 4 | 2 |
| | 1130 | 60 | 1005.6 | 998.9 | .. | 32.8 | 25.8 | 22.6 | 27.4 | 57 | .. | 4.5 | .. | 11.1 | 0 | 2 | 28 | 00 | 2 | 6 | 1 | 0 | 6 | 6 | 6 | 0 | 3 |
| | 1430 | 60 | 1002.8 | 996.1 | .. | 33.0 | 25.5 | 22.1 | 26.6 | 54 | .. | 4.9 | .. | 11.8 | 0 | 3 | 27 | 02 | 2 | 5 | 1 | 0 | 6 | 6 | 7 | 0 | 1 |
| | 1730 | 60 | 1002.2 | 995.5 | +1.4 | 31.3 | 25.4 | 22.7 | 27.6 | 62 | -14 | 3.6 | -1.7 | 5.8 | 0 | 0 | 25 | 04 | 5 | 4 | 1 | 0 | 2 | 5 | 4 | 5 | 0 |
| | 2030 | 60 | 1004.5 | 997.8 | .. | 28.3 | 25.3 | 24.0 | 29.8 | 78 | .. | 2.5 | .. | 3.5 | 0 | 0 | 12 | 00 | 2 | 7 | 3 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 2330 | 60 | 1005.0 | 998.2 | .. | 27.1 | 25.1 | 24.2 | 30.2 | 84 | .. | 2.8 | .. | 3.6 | 0 | 0 | 13 | 00 | 3 | 5 | 3 | 0 | 1 | 0 | 1 | 17 | 0 |
| Bhagalpur | 0530 | 49 | 1005.1 | 999.6 | .. | 26.2 | 25.2 | 24.8 | 31.3 | 91 | .. | 5.1 | .. | 2.1 | 0 | 0 | 19 | 00 | 2 | 3 | 6 | 3 | 4 | 0 | 1 | 11 | 0 |
| | 0830 | 49 | 1006.9 | 1001.5 | +1.5 | 29.5 | 26.3 | 24.9 | 31.5 | 76 | - 6 | 4.2 | -1.3 | 4.4 | 0 | 0 | 28 | 00 | 3 | 3 | 10 | 0 | 5 | 4 | 3 | 2 | 0 |
| | 1130 | 49 | 1006.1 | 1000.7 | .. | 31.9 | 26.7 | 24.5 | 30.7 | 66 | .. | 5.3 | .. | 4.8 | 0 | 0 | 29 | 01 | 5 | 5 | 7 | 0 | 1 | 1 | 9 | 1 | 0 |
| | 1730 | 49 | 1003.3 | 997.9 | +1.4 | 29.6 | 26.0 | 24.5 | 30.7 | 75 | - 5 | 5.2 | -0.5 | 3.4 | 0 | 0 | 28 | 01 | 1 | 3 | 12 | 1 | 3 | 1 | 6 | 2 | 0 |
| | 2330 | 49 | 1005.9 | 1000.4 | .. | 27.3 | 25.5 | 24.7 | 31.1 | 86 | .. | 3.3 | .. | 2.4 | 0 | 0 | 20 | 01 | 1 | 3 | 11 | 2 | 1 | 1 | 0 | 10 | 0 |
| Sabaur | 0830 | 37 | 1006.9 | 1002.7 | +1.5 | 28.7 | 26.4 | 25.5 | 32.6 | 83 | - 1 | 3.8 | -2.0 | 7.3 | 0 | 1 | 29 | 01 | 2 | 5 | 9 | 1 | 9 | 2 | 1 | 0 | 0 |
| | 1730 | 37 | 1003.2 | 999.0 | +1.4 | 29.5 | 26.8 | 25.7 | 33.0 | 80 | - 3 | 4.7 | -1.3 | 4.9 | 0 | 0 | 21 | 01 | 2 | 5 | 7 | 0 | 2 | 1 | 3 | 9 | 0 |
| Jamui | 0830 | 82 | 1002.7 | 993.6 | -2.0 | 29.1 | 26.3 | 25.1 | 31.9 | 79 | - 4 | 3.6 | -1.5 | 6.1 | 0 | 0 | 30 | 03 | 1 | 8 | 7 | 1 | 0 | 7 | 3 | 0 | 0 |
| | 1730 | 82 | 1001.3 | 992.1 | -0.1 | 30.1 | 26.5 | 25.0 | 31.7 | 75 | - 6 | 4.1 | -1.4 | 6.9 | 0 | 0 | 30 | 02 | 4 | 9 | 1 | 0 | 0 | 3 | 11 | 0 | 0 |
| Dehri | 0830 | 107 | 1006.0 | 994.0 | +1.5 | 29.7 | 24.8 | 22.5 | 27.3 | 66 | -17 | 2.8 | -2.2 | 3.1 | 0 | 0 | 29 | 00 | 4 | 2 | 3 | 5 | 0 | 7 | 8 | 1 | 0 |
| | 1730 | 107 | 1001.6 | 989.9 | +1.2 | 32.3 | 25.3 | 22.1 | 26.6 | 55 | -14 | 2.7 | -2.8 | 3.5 | 0 | 0 | 30 | 06 | 4 | 4 | 2 | 0 | 0 | 9 | 5 | 0 | 0 |
| Gaya | 0230 | 116 | 1004.9 | 991.8 | .. | 25.9 | 24.2 | 23.5 | 28.9 | 86 | .. | 2.4 | .. | 4.8 | 0 | 2 | 20 | 00 | 3 | 5 | 2 | 3 | 7 | 2 | 0 | 8 | 0 |
| | 0530 | 116 | 1005.2 | 992.1 | .. | 24.9 | 23.5 | 22.8 | 27.7 | 88 | .. | 3.1 | .. | 5.3 | 0 | 3 | 17 | 00 | 1 | 5 | 1 | 7 | 4 | 2 | 0 | 10 | 0 |
| | 0830 | 116 | 1006.7 | 993.7 | +1.6 | 29.2 | 24.9 | 22.9 | 28.0 | 69 | -10 | 3.9 | +1.5 | 9.3 | 0 | 4 | 22 | 00 | 1 | 5 | 0 | 1 | 10 | 8 | 1 | 4 | 0 |
| | 1130 | 116 | 1006.2 | 993.3 | .. | 32.8 | 25.5 | 22.1 | 26.6 | 54 | .. | 3.8 | .. | 12.1 | 0 | 5 | 22 | 04 | 1 | 5 | 0 | 0 | 1 | 7 | 9 | 3 | 0 |
| | 1430 | 116 | 1003.5 | 990.7 | .. | 33.7 | 25.2 | 21.1 | 25.0 | 49 | .. | 4.0 | .. | 14.4 | 0 | 9 | 20 | 03 | 1 | 4 | 0 | 0 | 0 | 7 | 14 | 1 | 0 |
| | 1730 | 116 | 1002.8 | 989.9 | +1.4 | 31.9 | 25.1 | 21.0 | 25.3 | 55 | -19 | 3.8 | -1.9 | 10.7 | 0 | 3 | 26 | 03 | 3 | 3 | 0 | 0 | 0 | 8 | 12 | 1 | 0 |
| | 2030 | 116 | 1004.9 | 991.9 | .. | 28.6 | 24.9 | 23.3 | 28.6 | 73 | .. | 2.6 | .. | 5.6 | 0 | 1 | 19 | 01 | 6 | 3 | 0 | 2 | 4 | 3 | 1 | 10 | 0 |
| | 2330 | 116 | 1005.6 | 992.5 | .. | 26.9 | 24.5 | 23.4 | 28.8 | 81 | .. | 2.5 | .. | 5.2 | 0 | 1 | 17 | 00 | 3 | 6 | 3 | 4 | 2 | 0 | 0 | 12 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | 1005.7 | 989.0 | +0.5 | 25.7 | 23.7 | 22.9 | 27.9 | 85 | + 0 | 1.8 | -1.7 | 2.2 | 0 | 0 | 21 | 00 | 0 | 8 | 0 | 0 | 0 | 13 | 0 | 9 | 0 |
| | 1730 | 147 | 1002.0 | 985.8 | +0.7 | 31.5 | 24.9 | 21.7 | 25.9 | 57 | -20 | 1.6 | -1.9 | 2.0 | 0 | 0 | 27 | 00 | 1 | 5 | 2 | 0 | 1 | 18 | 0 | 3 | 0 |
| Bahraich | 0830 | 124 | 1006.7 | 992.7 | +1.5 | 28.1 | 24.6 | 23.0 | 28.1 | 73 | - 7 | 2.5 | -1.7 | 5.5 | 0 | 0 | 18 | 00 | 0 | 2 | 6 | 0 | 2 | 6 | 2 | 12 | 0 |
| | 1730 | 124 | 1002.5 | 988.8 | +1.2 | 31.9 | 25.6 | 22.7 | 27.6 | 59 | -13 | 3.5 | -1.0 | 4.3 | 0 | 1 | 16 | 02 | 0 | 2 | 2 | 0 | 3 | 2 | 6 | 13 | 0 |
| Nautanwa | 0830 | 99 | 1005.7 | 994.5 | +0.9 | 27.7 | 25.2 | 24.0 | 29.8 | 81 | - 1 | 2.7 | -1.6 | .. | . | .. | .. | 01 | 8 | 10 | 4 | 0 | 1 | 0 | 0 | 6 | 0 |
| | 1730 | 99 | 1002.2 | 991.2 | +0.4 | 30.3 | 25.8 | 23.8 | 29.5 | 69 | - 7 | 1.9 | -1.9 | .. | . | .. | .. | 00 | 5 | 4 | 0 | 0 | 2 | 1 | 9 | 9 | 0 |
| Hardoi | 0830 | 142 | 1006.2 | 990.3 | +1.6 | 28.7 | 24.0 | 21.7 | 25.0 | 67 | -15 | 1.1 | -2.2 | 4.0 | 0 | 0 | 27 | 03 | 1 | 4 | 0 | 4 | 0 | 14 | 1 | 3 | 0 |
| | 1730 | 142 | 1002.4 | 986.7 | +1.3 | 32.5 | 25.2 | 21.8 | 26.1 | 54 | -17 | 1.0 | -2.3 | 3.0 | 0 | 0 | 25 | 03 | 2 | 2 | 0 | 1 | 0 | 16 | 1 | 5 | 0 |
| Gonda | 0830 | 110 | 1006.7 | 994.5 | +1.5 | 29.2 | 24.9 | 22.8 | 27.5 | 69 | -13 | 2.0 | -2.2 | 2.7 | 0 | 0 | 20 | 00 | 0 | 8 | 0 | 0 | 0 | 3 | 9 | 10 | 0 |
| | 1730 | 110 | 1002.7 | 990.6 | +1.2 | 31.6 | 25.2 | 22.1 | 26.6 | 58 | -18 | 1.7 | -2.5 | 1.3 | 0 | 0 | 13 | 00 | 0 | 5 | 0 | 0 | 0 | 3 | 5 | 17 | 0 |
| Lucknow | 0830 | 111 | 1005.9 | 993.4 | +1.0 | 28.2 | 24.1 | 22.1 | 26.6 | 70 | -12 | 1.5 | -2.5 | 1.0 | 0 | 0 | 12 | 00 | 0 | 10 | 0 | 0 | 0 | 2 | 0 | 18 | 0 |
| | 1730 | 111 | 1002.4 | 990.1 | +0.5 | 32.8 | 26.3 | 23.6 | 29.1 | 60 | -14 | 2.7 | -1.1 | 1.6 | 0 | 0 | 18 | 00 | 0 | 10 | 0 | 0 | 0 | 8 | 0 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) | 0230 | 128 | 1004.5 | 990.0 | .. | 24.5 | 22.7 | 21.7 | 25.9 | 85 | .. | 1.7 | .. | 4.4 | 0 | 1 | 18 | 01 | 2 | 5 | 0 | 0 | 2 | 6 | 3 | 11 | 0 |
| | 0530 | 128 | 1004.9 | 990.4 | .. | 23.6 | 22.2 | 21.3 | 25.3 | 87 | .. | 2.3 | .. | 4.3 | 0 | 0 | 18 | 00 | 1 | 4 | 0 | 0 | 4 | 8 | 1 | 12 | 0 |
| | 0830 | 128 | 1006.1 | 991.9 | +1.9 | 28.4 | 23.6 | 21.2 | 25.2 | 66 | -15 | 2.0 | -2.5 | 9.1 | 0 | 3 | 22 | 01 | 0 | 4 | 3 | 1 | 3 | 9 | 4 | 5 | 0 |
| | 1130 | 128 | 1005.9 | 991.8 | .. | 32.4 | 24.2 | 19.9 | 23.2 | 49 | .. | 2.7 | .. | 11.3 | 0 | 3 | 25 | 04 | 1 | 4 | 3 | 0 | 1 | 5 | 10 | 2 | 0 |
| | 1430 | 128 | 1003.4 | 989.3 | .. | 33.3 | 23.9 | 18.8 | 21.7 | 45 | .. | 4.0 | .. | 13.5 | 0 | 7 | 23 | 02 | 3 | 4 | 1 | 0 | 1 | 9 | 10 | 0 | 0 |
| | 1730 | 128 | 1002.4 | 988.3 | +1.5 | 32.0 | 24.0 | 19.8 | 23.1 | 50 | -23 | 2.6 | -2.0 | 7.6 | 0 | 1 | 23 | 02 | 0 | 4 | 1 | 0 | 1 | 7 | 9 | 6 | 0 |
| | 2030 | 128 | 1004.4 | 990.1 | .. | 27.2 | 23.5 | 21.7 | 25.9 | 72 | .. | 1.6 | .. | 4.3 | 0 | 1 | 17 | 00 | 3 | 2 | 1 | 0 | 3 | 7 | 2 | 12 | 0 |
| | 2330 | 128 | 1005.0 | 990.6 | .. | 25.5 | 22.9 | 21.6 | 25.8 | 79 | .. | 1.4 | .. | 3.6 | 0 | 0 | 18 | 00 | 2 | 4 | 1 | 0 | 1 | 9 | 1 | 12 | 0 |
| Faizabad | 0830 | 102 | 1006.0 | 994.6 | +1.6 | 29.1 | 25.1 | 23.2 | 28.4 | 71 | -11 | 2.1 | -2.7 | 2.9 | 0 | 0 | 19 | 00 | 1 | 1 | 7 | 0 | 3 | 5 | 2 | 11 | 0 |
| | 1730 | 102 | 1002.6 | 991.3 | +1.7 | 31.6 | 25.6 | 23.2 | 28.4 | 63 | -15 | 2.9 | -2.1 | 2.9 | 0 | 0 | 16 | 00 | 0 | 0 | 5 | 0 | 3 | 6 | 2 | 14 | 0 |
| Gorakhpur | 0830 | 77 | 1006.0 | 997.5 | +1.3 | 28.9 | 24.9 | 23.1 | 28.3 | 71 | -10 | 2.6 | -2.0 | 2.5 | 0 | 0 | 23 | 04 | 2 | 6 | 1 | 0 | 2 | 8 | 0 | 7 | 0 |
| | 1730 | 77 | 1002.8 | 993.7 | +1.1 | 32.3 | 25.3 | 21.9 | 26.3 | 56 | -18 | 2.5 | -2.1 | 2.4 | 0 | 0 | 23 | 02 | 0 | 7 | 0 | 0 | 0 | 11 | 3 | 7 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1004.3 | 995.5 | .. | 26.7 | 24.4 | 23.4 | 28.8 | 81 | .. | 2.4 | .. | 2.2 | 0 | 0 | 11 | 01 | 0 | 4 | 1 | 0 | 0 | 4 | 1 | 19 | 0 |
| | 0530 | 78 | 1004.8 | 995.9 | .. | 26.1 | 23.8 | 22.9 | 27.9 | 83 | .. | 2.4 | .. | 4.0 | 0 | 0 | 22 | 00 | 2 | 8 | 1 | 1 | 5 | 1 | 4 | 8 | 0 |
| | 1130 | 78 | 1005.9 | 997.2 | .. | 31.3 | 24.7 | 22.3 | 26.9 | 61 | .. | 3.8 | .. | 7.3 | 0 | 1 | 29 | 03 | 3 | 4 | 2 | 1 | 3 | 5 | 9 | 0 | 0 |
| | 1430 | 78 | 1003.1 | 994.4 | .. | 32.5 | 24.8 | 21.7 | 25.9 | 55 | .. | 4.0 | .. | 7.6 | 0 | 1 | 28 | 01 | 2 | 6 | 2 | 1 | 5 | 4 | 8 | 1 | 0 |
| | 2030 | 78 | 1004.4 | 995.6 | .. | 29.2 | 24.9 | 23.2 | 28.4 | 71 | .. | 1.6 | .. | 2.6 | 0 | 0 | 16 | 03 | 4 | 1 | 2 | 1 | 2 | 2 | 1 | 14 | 0 |
| | 2330 | 78 | 1005.1 | 996.3 | .. | 27.4 | 24.6 | 23.3 | 28.6 | 76 | .. | 1.8 | .. | 2.9 | 0 | 0 | 16 | 00 | 3 | 3 | 3 | 1 | 1 | 3 | 2 | 14 | 0 |
| Kanpur | 0830 | 126 | 1006.6 | 992.3 | +1.6 | 27.3 | 23.5 | 21.6 | 25.8 | 72 | - 9 | 2.3 | -1.5 | 8.8 | 0 | 0 | 25 | 01 | 1 | 3 | 3 | 0 | 1 | 14 | 2 | 5 | 0 |
| | 1730 | 126 | 1002.6 | 988.7 | +1.2 | 32.9 | 24.3 | 19.8 | 23.1 | 48 | -21 | 2.7 | -1.4 | 7.7 | 0 | 0 | 29 | 09 | 2 | 5 | 0 | 1 | 1 | 8 | 3 | 1 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 1005.0 | 990.8 | .. | 24.2 | 22.3 | 21.3 | 25.3 | 85 | .. | 2.4 | .. | 6.6 | 0 | 1 | 19 | 01 | 1 | 4 | 1 | 0 | 2 | 10 | 1 | 10 | 0 |
| | 0830 | 126 | 1006.4 | 992.4 | .. | 28.4 | 23.9 | 21.8 | 26.1 | 67 | .. | 2.1 | .. | 11.5 | 0 | 3 | 25 | 03 | 0 | 2 | 4 | 0 | 1 | 12 | 4 | 2 | 2 |
| | 1130 | 126 | 1006.1 | 992.2 | .. | 32.8 | 24.7 | 20.4 | 24.0 | 49 | .. | 2.5 | .. | 13.3 | 0 | 3 | 26 | 03 | 1 | 3 | 3 | 1 | 1 | 6 | 8 | 1 | 3 |
| | 1730 | 126 | 1002.7 | 988.8 | .. | 32.2 | 24.2 | 19.9 | 23.2 | 51 | .. | 2.7 | .. | 11.6 | 0 | 3 | 27 | 10 | 0 | 4 | 1 | 1 | 0 | 4 | 9 | 0 | 1 |
| | 2330 | 126 | 1005.2 | 991.1 | .. | 26.4 | 23.2 | 21.4 | 25.5 | 74 | .. | 1.8 | .. | 6.1 | 0 | 0 | 21 | 01 | 0 | 4 | 2 | 0 | 1 | 9 | 4 | 9 | 0 |
| Sultanpur | 0830 | 97 | 1006.7 | 995.9 | +2.3 | 29.2 | 24.3 | 21.9 | 26.3 | 65 | -17 | 1.6 | -3.1 | 1.7 | 0 | 0 | 14 | 00 | 1 | 2 | 2 | 0 | 1 | 8 | 0 | 16 | 0 |
| | 1730 | 97 | 1002.6 | 991.9 | +2.1 | 33.0 | 25.1 | 21.3 | 25.3 | 52 | -25 | 2.0 | -2.7 | 2.1 | 0 | 0 | 23 | 00 | 2 | 4 | 0 | 0 | 4 | 10 | 3 | 7 | 0 |
| Azamgarh | 0830 | 78 | 1006.7 | 998.0 | +2.8 | 28.7 | 25.2 | 23.7 | 29.3 | 75 | - 9 | 1.5 | -2.5 | 1.7 | 0 | 0 | 24 | 02 | 0 | 6 | 1 | 0 | 2 | 13 | 0 | 6 | 0 |
| | 1730 | 78 | 1002.5 | 993.9 | +1.7 | 32.7 | 26.6 | 23.9 | 29.7 | 60 | -19 | 2.6 | -0.6 | 3.3 | 0 | 0 | 22 | 05 | 3 | 1 | 0 | 0 | 3 | 5 | 5 | 8 | 0 |
| Fatehpur | 0830 | 114 | 1006.6 | 993.8 | +1.9 | 29.1 | 24.2 | 21.7 | 25.9 | 65 | -17 | 1.4 | -2.5 | 8.0 | 0 | 0 | 29 | 00 | 0 | 4 | 2 | 1 | 2 | 13 | 7 | 1 | 0 |
| | 1730 | 114 | 1002.6 | 990.0 | +1.4 | 32.6 | 24.8 | 20.9 | 24.7 | 51 | -23 | 2.2 | -1.9 | 4.0 | 0 | 0 | 25 | 03 | 7 | 3 | 0 | 1 | 2 | 3 | 6 | 5 | 0 |
| Ballia | 0830 | 64 | 1006.9 | 999.7 | +2.6 | 29.0 | 26.4 | 25.3 | 32.2 | 80 | - 4 | 2.5 | -2.1 | 1.5 | 0 | 0 | 17 | 00 | 0 | 9 | 2 | 0 | 0 | 6 | 0 | 13 | 0 |
| | 1730 | 64 | 1003.4 | 996.3 | +2.3 | 32.3 | 27.6 | 25.8 | 33.2 | 69 | - 6 | 3.8 | -0.9 | 0.5 | 0 | 0 | 7 | 00 | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 23 | 0 |
| Banda | 0830 | 121 | 1006.7 | 993.0 | +1.8 | 28.8 | 24.0 | 21.6 | 25.8 | 64 | -16 | 1.0 | -2.2 | 1.3 | 0 | 0 | 13 | 00 | 3 | 1 | 2 | 0 | 3 | 0 | 4 | 17 | 0 |
| | 1730 | 121 | 1002.8 | 989.4 | +1.5 | 33.4 | 24.6 | 20.0 | 23.4 | 46 | -28 | 1.5 | -2.0 | 1.5 | 0 | 0 | 18 | 00 | 4 | 0 | 0 | 0 | 10 | 0 | 4 | 12 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1004.7 | 993.7 | .. | 26.0 | 22.9 | 21.3 | 25.3 | 76 | .. | 2.0 | .. | 2.5 | 0 | 0 | 18 | 01 | 3 | 1 | 1 | 3 | 6 | 3 | 0 | 12 | 0 |
| | 0530 | 98 | 1005.2 | 994.1 | .. | 24.8 | 22.5 | 21.4 | 25.5 | 81 | .. | 2.1 | .. | 2.7 | 0 | 0 | 17 | 01 | 4 | 1 | 1 | 2 | 5 | 3 | 0 | 13 | 0 |
| | 0830 | 98 | 1006.7 | 995.8 | +2.0 | 28.9 | 24.0 | 21.5 | 25.6 | 65 | -16 | 2.2 | -2.7 | 5.1 | 0 | 0 | 28 | 00 | 4 | 2 | 1 | 2 | 6 | 11 | 2 | 2 | 0 |
| | 1130 | 98 | 1006.2 | 995.4 | .. | 34.0 | 24.8 | 20.0 | 23.4 | 46 | .. | 2.6 | .. | 6.5 | 0 | 0 | 29 | 03 | 4 | 2 | 1 | 1 | 5 | 10 | 3 | 1 | 0 |
| | 1430 | 98 | 1003.5 | 992.8 | .. | 34.9 | 24.9 | 19.7 | 22.9 | 44 | .. | 3.3 | .. | 7.2 | 0 | 1 | 28 | 02 | 6 | 1 | 0 | 0 | 2 | 9 | 9 | 1 | 0 |
| | 1730 | 98 | 1002.7 | 991.9 | +1.3 | 33.3 | 24.8 | 20.5 | 24.1 | 49 | -22 | 2.9 | -2.2 | 4.2 | 0 | 0 | 29 | 04 | 3 | 0 | 1 | 0 | 3 | 8 | 10 | 1 | 0 |
| | 2030 | 98 | 1004.6 | 993.6 | .. | 29.0 | 24.2 | 21.9 | 26.3 | 65 | .. | 2.0 | .. | 1.7 | 0 | 0 | 11 | 02 | 2 | 0 | 1 | 0 | 3 | 3 | 0 | 19 | 0 |
| | 2330 | 98 | 1005.2 | 994.2 | .. | 27.1 | 23.4 | 21.5 | 25.6 | 72 | .. | 1.6[b] | .. | 1.7 | 0 | 0 | 15 | 00 | 6 | 0 | 1 | 2 | 5 | 1 | 0 | 15 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1006.1 | 996.3 | .. | 24.5 | 22.9 | 22.1 | 26.6 | 86 | .. | 2.5 | .. | 5.7 | 0 | 1 | 17 | 00 | 1 | 4 | 0 | 1 | 3 | 9 | 0 | 12 | 0 |
| | 0830 | 85 | 1007.7 | 998.0 | +2.4 | 29.0 | 24.6 | 22.5 | 27.3 | 69 | -13 | 2.3 | -2.5 | 11.5 | 0 | 2 | 26 | 00 | 2 | 4 | 1 | 1 | 3 | 13 | 3 | 2 | 1 |
| | 1130 | 85 | 1007.1 | 997.5 | .. | 32.8 | 25.0 | 21.1 | 25.0 | 52 | .. | 2.7 | .. | 12.5 | 0 | 1 | 29 | 01 | 0 | 7 | 0 | 0 | 3 | 11 | 7 | 0 | 1 |
| | 1730 | 85 | 1003.6 | 994.1 | +1.9 | 32.3 | 24.5 | 20.4 | 24.0 | 52 | -22 | 2.3 | -2.7 | 9.9 | 0 | 0 | 30 | 02 | 1 | 4 | 1 | 0 | 0 | 11 | 10 | 0 | 1 |
| | 2330 | 85 | 1006.4 | 996.6 | .. | 26.5 | 23.6 | 22.2 | 26.7 | 78 | .. | 1.4 | .. | 4.0 | 0 | 0 | 15 | 01 | 2 | 4 | 0 | 0 | 2 | 6 | 0 | 15 | 0 |
| Varanasi | 0830 | 76 | 1006.2 | 997.6 | +1.4 | 28.6 | 24.5 | 22.5 | 27.3 | 71 | -11 | 1.6 | -3.0 | 2.4 | 0 | 0 | 27 | 00 | 4 | 1 | 0 | 1 | 0 | 14 | 7 | 3 | 0 |
| UTTAR PRADESH, WEST | 1730 | 76 | 1002.3 | 994.0 | +1.2 | 33.4 | 25.4 | 21.4 | 25.5 | 51 | -23 | 2.0 | -3.1 | 2.6 | 0 | 0 | 29 | 00 | 4 | 1 | 3 | 0 | 0 | 14 | 7 | 1 | 0 |
| Mukhim | 0830 | | .. | .. | .. | 18.2 | 15.8 | 14.2 | 16.2 | 78 | - 6 | 4.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 17.9 | 15.5 | 14.0 | 16.0 | 79 | - 4 | 4.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | 770 | 1017.7 | 932.4 | .. | 22.5 | 19.9 | 18.5 | 21.3 | 79 | - 4 | 3.2 | -0.9 | 0.8 | 0 | 0 | 9 | 02 | 2 | 2 | 1 | 1 | 0 | 0 | 1 | 21 | 0 |
| | 1130 | 770 | 1014.9 | 931.2 | .. | 28.1 | 21.4 | 17.8 | 20.4 | 54 | .. | 2.7 | .. | 2.9 | 0 | 0 | 20 | 02 | 5 | 4 | 1 | 7 | 0 | 1 | 0 | 10 | 0 |
| | 1730 | 770 | 1011.2 | 927.9 | .. | 28.5 | 21.7 | 18.1 | 20.8 | 55 | - 5 | 3.5 | -0.9 | 2.8 | 0 | 0 | 23 | 00 | 0 | 2 | 10 | 8 | 1 | 2 | 0 | 7 | 0 |
| Dehra Dun | 0530 | 682 | 1005.7 | 930.1 | .. | 21.0 | 19.4 | 18.5 | 21.3 | 86 | .. | 3.6 | .. | 1.3 | 0 | 0 | 14 | 03 | 8 | 0 | 1 | 1 | 0 | 0 | 1 | 16 | 0 |
| | 0830 | 682 | 1006.5 | 931.3 | +0.9 | 23.4 | 20.8 | 19.4 | 22.5 | 79 | - 1 | 3.2 | -0.7 | 0.6 | 0 | 0 | 7 | 03 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 23 | 0 |
| | 1130 | 682 | 1005.7 | 931.6 | .. | 27.6 | 22.4 | 19.8 | 23.1 | 63 | .. | 3.6 | .. | 1.8 | 0 | 0 | 19 | 00 | 0 | 0 | 4 | 7 | 3 | 3 | 2 | 11 | 0 |
| | 1730 | 682 | 1002.9 | 929.0 | +1.2 | 26.9 | 22.7 | 20.6 | 24.3 | 70 | - 3 | 4.2 | +0.0 | 1.7 | 0 | 0 | 19 | 03 | 1 | 0 | 2 | 2 | 1 | 8 | 2 | 11 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dehra Dun (Contd.) | 2330 | 682 | 1005.9 | 930.6 | .. | 22.5 | 20.7 | 19.7 | 22.9 | 84 | .. | 2.9 | .. | 1.8 | 0 | 0 | 19 | 10 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 11 | 0 |
| Manziari | 0830 | | .. | .. | .. | 16.6 | 14.1 | 12.5 | 14.5 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.6 | 15.1 | 14.2 | 16.2 | 86 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1006.4 | 975.7 | +1.5 | 26.0 | 23.1 | 21.7 | 25.9 | 78 | - 2 | 2.7 | -0.9 | 0.7 | 0 | 0 | 10 | 00 | 2 | 0 | 5 | 0 | 0 | 0 | 3 | 20 | 0 |
| | 1730 | 274 | 1003.6 | 973.5 | +2.4 | 30.7 | 25.0 | 22.4 | 27.1 | 62 | - 2 | 2.6 | -0.8 | 0.6 | 0 | 0 | 9 | 00 | 0 | 0 | 4 | 0 | 0 | 0 | 5 | 21 | 0 |
| Najibabad | 0830 | 270 | 1006.8 | 976.6 | +2.0 | 25.9 | 23.5 | 22.2 | 26.7 | 80 | - 1 | 2.8 | -0.1 | 3.1 | 0 | 0 | 30 | 02 | 2 | 13 | 1 | 0 | 1 | 6 | 5 | 0 | 0 |
| | 1730 | 270 | 1003.5 | 973.7 | +1.4 | 30.2 | 24.7 | 22.2 | 26.7 | 63 | - 4 | 2.7 | +0.1 | 3.0 | 0 | 0 | 28 | 00 | 1 | 4 | 0 | 0 | 0 | 20 | 3 | 2 | 0 |
| Meerut | 0830 | 222 | 1006.9 | 982.0 | +1.8 | 26.3 | 22.7 | 21.2 | 25.2 | 72 | - 4 | 0.7 | -1.6 | 4.7 | 0 | 0 | 25 | 00 | 1 | 4 | 1 | 0 | 3 | 12 | 4 | 5 | 0 |
| Bareilly | 0830 | 173 | 1006.4 | 987.0 | +1.7 | 28.0 | 24.2 | 22.5 | 27.3 | 73 | - 6 | 1.6 | -2.3 | 6.4 | 0 | 0 | 26 | 01 | 1 | 4 | 3 | 0 | 0 | 13 | 4 | 4 | 0 |
| | 1730 | 173 | 1002.6 | 983.6 | +1.6 | 31.3 | 24.9 | 21.7 | 26.0 | 57 | -11 | 1.8 | -2.2 | 4.3 | 0 | 0 | 27 | 00 | 1 | 4 | 1 | 0 | 0 | 19 | 2 | 3 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1004.5 | 985.1 | .. | 26.0 | 23.2 | 22.0 | 26.4 | 79 | .. | 1.2 | .. | 3.7 | 0 | 0 | 19 | 00 | 0 | 5 | 3 | 0 | 1 | 8 | 2 | 11 | 0 |
| | 0530 | 172 | 1005.0 | 985.5 | .. | 25.3 | 23.0 | 22.0 | 26.4 | 83 | .. | 2.5 | .. | 4.7 | 0 | 0 | 25 | 00 | 1 | 8 | 0 | 0 | 1 | 10 | 5 | 5 | 0 |
| | 1130 | 172 | 1006.2 | 987.0 | .. | 31.3 | 24.5 | 21.8 | 26.1 | 58 | .. | 1.9 | .. | 8.9 | 0 | 0 | 29 | 00 | 0 | 5 | 3 | 1 | 2 | 8 | 10 | 1 | 0 |
| | 1430 | 172 | 1003.7 | 984.7 | .. | 33.8 | 25.2 | 22.0 | 26.4 | 51 | .. | 2.5 | .. | 8.7 | 0 | 1 | 29 | 03 | 0 | 5 | 2 | 0 | 0 | 8 | 12 | 0 | 0 |
| | 2030 | 172 | 1004.4 | 985.1 | .. | 28.8 | 24.4 | 22.7 | 27.5 | 71 | .. | 1.2 | .. | 4.8 | 0 | 0 | 23 | 01 | 5 | 2 | 1 | 0 | 1 | 9 | 4 | 7 | 0 |
| | 2330 | 172 | 1005.0 | 985.6 | .. | 27.0 | 23.7 | 22.5 | 27.3 | 76 | .. | 1.4 | .. | 4.3 | 0 | 0 | 20 | 00 | 0 | 6 | 3 | 0 | 1 | 9 | 1 | 10 | 0 |
| Aligarh | 0830 | 187 | 1007.1 | 985.6 | +1.5 | 26.8 | 22.9 | 20.8 | 24.6 | 70 | - 4 | 2.1 | -1.1 | 9.0 | 0 | 2 | 26 | 04 | 1 | 5 | 1 | 1 | 1 | 9 | 6 | 2 | 0 |
| | 1730 | 187 | 1003.4 | 982.3 | +1.4 | 32.1 | 23.5 | 18.7 | 21.6 | 48 | -13 | 3.0 | -0.5 | 4.0 | 0 | 0 | 30 | 06 | 0 | 3 | 1 | 2 | 0 | 14 | 4 | 0 | 0 |
| Mainpuri | 0830 | 157 | 1006.3 | 988.6 | +1.6 | 28.0 | 23.7 | 21.6 | 25.8 | 69 | -11 | 1.9 | -1.8 | 3.7 | 0 | 0 | 23 | 00 | 0 | 6 | 0 | 0 | 0 | 17 | 0 | 7 | 0 |
| | 1730 | 157 | 1003.2 | 985.8 | +2.0 | 32.0 | 25.4 | 22.2 | 26.7 | 58 | -11 | 2.4 | -1.5 | 3.0 | 0 | 0 | 22 | 00 | 0 | 3 | 1 | 0 | 1 | 17 | 0 | 8 | 0 |
| Agra | 0830 | 169 | 1006.6 | 987.7 | +1.7 | 28.0 | 23.0 | 20.1 | 23.5 | 63 | -14 | 1.5 | -1.7 | 2.5 | 0 | 0 | 23 | 00 | 2 | 0 | 4 | 0 | 10 | 0 | 7 | 7 | 0 |
| | 1730 | 169 | 1003.0 | 984.3 | +1.4 | 32.3 | 23.9 | 19.5 | 22.7 | 49 | -13 | 2.8 | -0.6 | 3.8 | 0 | 0 | 21 | 00 | 4 | 0 | 2 | 0 | 7 | 0 | 8 | 9 | 0 |
| Agra (Aerodrome) | 0530 | 169 | 1005.3 | 986.2 | .. | 23.3 | 21.6 | 20.7 | 24.4 | 85 | .. | 2.1 | .. | 9.2 | 0 | 0 | 25 | 00 | 1 | 3 | 2 | 0 | 2 | 12 | 5 | 5 | 0 |
| | 0830 | 169 | 1006.5 | 987.6 | .. | 27.3 | 23.4 | 21.3 | 25.3 | 69 | .. | 2.0 | .. | 11.5 | 0 | 2 | 23 | 03 | 0 | 3 | 2 | 1 | 2 | 9 | 5 | 5 | 0 |
| | 1130 | 169 | 1006.3 | 987.7 | .. | 32.8 | 24.7 | 20.4 | 24.0 | 50 | .. | 2.3 | .. | 14.5 | 0 | 4 | 25 | 07 | 3 | 3 | 1 | 1 | 1 | 6 | 6 | 1 | 1 |
| | 1730 | 169 | 1003.0 | 984.3 | .. | 31.7 | 24.6 | 21.0 | 24.9 | 55 | .. | 2.6 | .. | 13.7 | 0 | 3 | 25 | 09 | 2 | 3 | 1 | 2 | 0 | 5 | 6 | 2 | 0 |
| | 2330 | 169 | 1005.5 | 986.5 | .. | 25.6 | 22.5 | 20.9 | 24.7 | 76 | .. | 1.8 | .. | 9.4 | 0 | 1 | 20 | 00 | 0 | 5 | 2 | 2 | 3 | 8 | 1 | 9 | 0 |
| Orai | 0830 | 141 | 1007.3 | 991.6 | +2.1 | 31.1 | 24.5 | 21.2 | 25.2 | 57 | -20 | 1.3 | -2.2 | 3.2 | 0 | 0 | 29 | 05 | 11 | 5 | 1 | 0 | 0 | 0 | 7 | 1 | 0 |
| | 1730 | 141 | 1003.4 | 987.9 | +1.9 | 32.5 | 24.3 | 19.8 | 23.1 | 51 | -17 | 0.7 | -3.0 | 3.5 | 0 | 0 | 30 | 07 | 12 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| Jhansi | 0830 | 251 | 1007.0 | 979.6 | +2.6 | 27.1 | 22.5 | 19.5 | 22.7 | 64 | -14 | 1.9 | -1.8 | 2.3 | 0 | 0 | 18 | 01 | 0 | 4 | 0 | 3 | 0 | 10 | 0 | 12 | 0 |
| | 1730 | 251 | 1003.2 | 975.8 | +1.8 | 32.3 | 23.7 | 18.9 | 21.8 | 48 | -17 | 2.9 | -1.6 | 1.9 | 0 | 0 | 23 | 06 | 0 | 5 | 0 | 1 | 0 | 11 | 0 | 7 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1005.3 | 970.1 | .. | 22.8 | 20.7 | 19.5 | 22.7 | 82 | .. | 3.3 | .. | 3.2 | 0 | 0 | 14 | 03 | 5 | 2 | 2 | 2 | 0 | 0 | 0 | 16 | 0 |
| | 0830 | 312 | 1006.3 | 971.9 | +1.8 | 25.5 | 21.8 | 19.5 | 22.7 | 67 | - 7 | . | .. | 3.0 | 0 | 0 | 15 | 05 | 6 | 2 | 1 | 1 | 0 | 0 | 0 | 15 | 0 |
| | 1130 | 312 | 1005.8 | 971.5 | +1.4 | 30.2 | 23.5 | 19.9 | 23.2 | 55 | -19 | 3.4 | -0.1 | 5.6 | 0 | 0 | 22 | 00 | 4 | 1 | 1 | 7 | 5 | 4 | 0 | 8 | 0 |
| | 1730 | 312 | 1003.6 | 968.9 | +0.6 | 29.5 | 23.3 | 19.8 | 23.1 | 57 | - 6 | 3.3 | +0.2 | 8.0 | 0 | 0 | 28 | 01 | 5 | 1 | 0 | 6 | 5 | 7 | 3 | 2 | 0 |
| | 2330 | 312 | 1005.5 | 970.4 | .. | 23.7 | 21.5 | 20.3 | 23.8 | 82 | .. | 2.3 | .. | 3.4 | 0 | 1 | 9 | 02 | 3 | 1 | 0 | 1 | 1 | 1 | 1 | 20 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1005.1 | 978.6 | .. | 23.5 | 22.2 | 21.5 | 25.6 | 89 | .. | 3.0 | .. | 3.5 | 0 | 0 | 12 | 04 | 0 | 3 | 2 | 0 | 0 | 1 | 2 | 18 | 0 |
| | 0830 | 234 | 1006.7 | 980.0 | +1.5 | 25.8 | 23.0 | 21.6 | 25.8 | 78 | + 2 | 3.2 | +1.3 | 3.7 | 0 | 0 | 19 | 02 | 1 | 3 | 3 | 0 | 5 | 3 | 2 | 11 | 0 |
| | 1130 | 234 | 1006.5 | 980.6 | .. | 30.0 | 23.9 | 20.8 | 24.6 | 60 | .. | 2.8 | .. | 5.7 | 0 | 0 | 24 | 02 | 0 | 5 | 1 | 3 | 4 | 6 | 3 | 6 | 0 |
| | 1430 | 234 | 1004.6 | 978.8 | .. | 31.9 | 24.0 | 19.9 | 23.2 | 51 | .. | 3.2 | .. | 6.1 | 0 | 1 | 21 | 01 | 1 | 1 | 1 | 2 | 4 | 4 | 7 | 8 | 1 |
| | 1730 | 234 | 1003.4 | 977.8 | +1.8 | 30.2 | 23.5 | 19.9 | 23.2 | 57 | + 4 | 2.4 | +0.1 | 7.1 | 0 | 2 | 19 | 01 | 1 | 2 | 1 | 2 | 3 | 6 | 5 | 9 | 0 |
| | 2030 | 234 | 1004.7 | 978.5 | .. | 26.8 | 23.8 | 22.3 | 26.9 | 77 | .. | 2.0 | .. | 2.9 | 0 | 0 | 11 | 02 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 19 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1006.1 | 978.2 | .. | 25.4 | 23.6 | 22.7 | 27.6 | 85 | .. | 3.7 | .. | 4.4 | 0 | 1 | 12 | 00 | 1 | 0 | 5 | 2 | 3 | 2 | 0 | 17 | 0 |
| | 1730 | 249 | 1003.8 | 976.2 | .. | 29.1 | 24.7 | 22.7 | 27.6 | 69 | .. | 3.0 | .. | 12.8 | 1 | 1 | 26 | 05 | 2 | 0 | 1 | 1 | 2 | 8 | 9 | 2 | 0 |
| Ludhiana | 0830 | 247 | 1006.7 | 979.0 | +1.6 | 25.9 | 22.9 | 21.4 | 25.5 | 76 | + 2 | 3.2 | +0.3 | 2.1 | 0 | 0 | 20 | 02 | 4 | 1 | 2 | 2 | 2 | 5 | 2 | 10 | 0 |
| | 1730 | 247 | 1003.3 | 976.2 | +1.8 | 31.5 | 24.9 | 21.7 | 25.9 | 58 | + 5 | 2.2 | -0.1 | 1.9 | 0 | 0 | 19 | 02 | 2 | 1 | 0 | 2 | 0 | 4 | 8 | 11 | 0 |
| Ferozepur | 0830 | 200 | 1007.3 | 984.7 | +2.8 | 25.8 | 22.8 | 21.5 | 25.6 | 78 | + 5 | 2.0 | +0.3 | 2.3 | 0 | 0 | 22 | 03 | 6 | 1 | 3 | 6 | 2 | 1 | 0 | 8 | 0 |
| | 1730 | 200 | 1003.6 | 981.5 | +2.3 | 30.8 | 24.9 | 22.1 | 26.6 | 59 | + 3 | 2.7 | +0.9 | 2.3 | 0 | 0 | 21 | 03 | 6 | 0 | 1 | 5 | 5 | 0 | 1 | 9 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 1006.2 | 979.1 | .. | 25.8 | 23.1 | 21.7 | 25.9 | 79 | .. | 3.0 | .. | 0.6 | 0 | 1 | 19 | 03 | 2 | 0 | 3 | 2 | 4 | 2 | 4 | 10 | 0 |
| | 1730 | 242 | 1003.5 | 976.8 | .. | 30.1 | 23.9 | 20.7 | 24.4 | 59 | .. | 2.7 | .. | 11.0 | 1 | 2 | 25 | 05 | 2 | 0 | 0 | 1 | 1 | 3 | 16 | 2 | 0 |
| Chandigarh | 0830 | 347 | 1005.3 | 966.2 | +0.5 | 25.0 | 21.6 | 19.7 | 22.9 | 73 | + 0 | 1.6 | -1.1 | 1.2 | 0 | 0 | 10 | 00 | 3 | 0 | 7 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 1730 | 347 | 1002.4 | 964.2 | +1.0 | 30.6 | 23.1 | 18.9 | 21.8 | 52 | -12 | 2.0 | -0.3 | 2.6 | 0 | 0 | 16 | 00 | 1 | 0 | 4 | 0 | 7 | 0 | 4 | 14 | 0 |
| Ambala | 0830 | 272 | 1005.2 | 975.0 | +0.8 | 26.0 | 22.4 | 20.5 | 24.1 | 72 | - 8 | 1.8 | -0.8 | 0.5 | 0 | 0 | 5 | 00 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 25 | 0 |
| | 1730 | 272 | 1001.3 | 971.6 | +0.5 | 31.6 | 24.1 | 20.2 | 23.7 | 52 | - 6 | 2.0 | -0.4 | 3.9 | 0 | 0 | 26 | 00 | 7 | 0 | 13 | 0 | 1 | 0 | 5 | 4 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 1004.3 | 973.2 | .. | 26.0 | 23.0 | 21.8 | 26.1 | 78 | .. | 1.9 | .. | 4.1 | 0 | 1 | 15 | 00 | 0 | 1 | 6 | 0 | 0 | 3 | 6 | 14 | 0 |
| | 0530 | 278 | 1004.7 | 973.4 | .. | 24.7 | 22.3 | 21.3 | 25.3 | 81 | .. | 2.6 | .. | 4.0 | 0 | 0 | 15 | 01 | 0 | 2 | 4 | 0 | 0 | 6 | 2 | 15 | 0 |
| | 1130 | 278 | 1005.9 | 975.1 | .. | 30.6 | 24.0 | 21.2 | 25.2 | 58 | .. | 2.7 | .. | 5.9 | 0 | 0 | 18 | 00 | 0 | 0 | 7 | 0 | 0 | 6 | 5 | 12 | 0 |
| | 1430 | 278 | 1003.7 | 973.2 | .. | 32.0 | 24.1 | 20.9 | 24.7 | 52 | .. | 3.0 | .. | 7.1 | 0 | 1 | 24 | 00 | 2 | 0 | 5 | 1 | 0 | 9 | 8 | 5 | 0 |
| | 2030 | 278 | 1004.1 | 973.2 | .. | 28.8 | 23.8 | 21.8 | 26.3 | 67 | .. | 1.8 | .. | 6.0 | 0 | 1 | 19 | 01 | 2 | 0 | 2 | 0 | 0 | 7 | 8 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala P.B.O. (Contd.) | 2330 | 278 | 1004.4 | 973.7 | .. | 26.9 | 23.1 | 21.5 | 25.6 | 73 | .. | 1.3 | .. | 5.0 | 0 | 0 | 18 | 00 | 0 | 1 | 3 | 0 | 0 | 4 | 10 | 12 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1004.7 | 973.6 | .. | 22.4 | 21.7 | 21.3 | 25.3 | 91 | .. | 2.6 | .. | 5.7 | 0 | 3 | 10 | 00 | 1 | 4 | 2 | 0 | 5 | 1 | 0 | 17 | 0 |
| | 0830 | 274 | 1005.9 | 975.1 | .. | 26.0 | 23.3 | 22.0 | 26.4 | 77 | .. | 2.5 | .. | 8.0 | 0 | 2 | 19 | 00 | 4 | 5 | 0 | 0 | 5 | 4 | 1 | 9 | 2 |
| | 1130 | 274 | 1005.6 | 975.4 | .. | 30.9 | 25.1 | 22.3 | 26.9 | 62 | .. | 2.5 | .. | 12.3 | 0 | 6 | 18 | 00 | 2 | 7 | 1 | 0 | 6 | 4 | 2 | 6 | 2 |
| | 1730 | 274 | 1002.5 | 972.3 | .. | 30.4 | 24.7 | 21.8 | 26.1 | 61 | .. | 2.9 | .. | 13.2 | 0 | 6 | 19 | 00 | 1 | 3 | 0 | 1 | 3 | 11 | 5 | 5 | 1 |
| | 2330 | 274 | 1004.6 | 973.8 | .. | 25.3 | 23.3 | 22.3 | 26.9 | 84 | .. | 1.8 | .. | 5.7 | 0 | 0 | 15 | 00 | 1 | 1 | 1 | 0 | 2 | 8 | 2 | 15 | 0 |
| Patiala | 0830 | 251 | 1006.6 | 978.7 | +2.2 | 26.6 | 23.0 | 21.2 | 25.2 | 73 | - 3 | 1.8 | -1.3 | 5.1 | 0 | 0 | 15 | 01 | 0 | 0 | 6 | 1 | 0 | 0 | 7 | 15 | 0 |
| | 1730 | 251 | 1003.2 | 975.6 | +1.7 | 31.0 | 24.6 | 21.5 | 25.6 | 58 | + 0 | 2.7 | -0.5 | 6.5 | 0 | 1 | 17 | 00 | 0 | 0 | 2 | 0 | 0 | 0 | 16 | 12 | 0 |
| Bhatinda | 0830 | 211 | 1006.1 | 982.5 | .. | 27.4 | 23.1 | 20.6 | 24.3 | 67 | - 9 | 0.6 | -0.7 | 3.5 | 0 | 0 | 23 | 00 | 2 | 0 | 6 | 0 | 8 | 0 | 7 | 7 | 0 |
| | 1730 | 211 | 1003.0 | 979.6 | .. | 30.1 | 24.0 | 20.8 | 24.6 | 57 | - 5 | 0.5 | -1.8 | 3.5 | 0 | 0 | 26 | 01 | 3 | 0 | 4 | 0 | 4 | 0 | 14 | 4 | 0 |
| Karnal | 0830 | 249 | 1006.6 | 978.8 | +2.2 | 27.4 | 22.9 | 20.5 | 24.1 | 67 | -12 | 1.7 | -1.3 | 2.8 | 0 | 0 | 25 | 01 | 1 | 0 | 2 | 1 | 0 | 0 | 20 | 5 | 0 |
| | 1730 | 249 | 1003.2 | 975.7 | +1.7 | 31.0 | 23.9 | 20.1 | 23.5 | 52 | - 9 | 1.8 | -1.3 | 2.5 | 0 | 0 | 24 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 21 | 6 | 0 |
| Hissar | 0530 | 221 | 1004.3 | 979.9 | .. | 23.4 | 21.9 | 21.1 | 25.0 | 87 | .. | 2.6 | .. | 3.4 | 0 | 0 | 20 | 01 | 1 | 2 | 3 | 2 | 8 | 2 | 1 | 10 | 0 |
| | 0830 | 221 | 1006.5 | 981.6 | +1.6 | 25.7 | 23.0 | 21.6 | 25.8 | 79 | + 7 | 2.6 | +0.8 | 3.9 | 0 | 0 | 24 | 00 | 2 | 2 | 2 | 7 | 9 | 2 | 0 | 6 | 0 |
| | 1130 | 221 | 1006.1 | 981.7 | .. | 31.7 | 25.6 | 22.7 | 27.6 | 60 | .. | 2.1 | .. | 9.3 | 0 | 2 | 25 | 00 | 0 | 4 | 4 | 3 | 2 | 10 | 4 | 3 | 0 |
| | 1430 | 221 | 1004.6 | 979.8 | .. | 33.8 | 26.3 | 22.9 | 27.9 | 55 | .. | 2.9 | .. | 7.1 | 0 | 1 | 27 | 02 | 0 | 5 | 1 | 0 | 4 | 7 | 9 | 2 | 0 |
| | 1730 | 221 | 1003.2 | 978.8 | +1.5 | 32.5 | 26.1 | 23.0 | 28.1 | 59 | + 6 | 2.7 | +0.5 | 3.8 | 0 | 0 | 24 | 01 | 4 | 1 | 2 | 2 | 4 | 6 | 4 | 6 | 0 |
| New Delhi (Safdarjung) | 2330 | 221 | 1005.1 | 980.2 | .. | 25.7 | 22.9 | 21.5 | 25.6 | 78 | .. | 2.2 | .. | 4.9 | 0 | 0 | 23 | 03 | 1 | 5 | 3 | 2 | 5 | 2 | 2 | 7 | 0 |
| | 0230 | 216 | 1004.9 | 980.5 | .. | 25.7 | 22.3 | 20.4 | 24.0 | 73 | .. | 2.2 | .. | 6.9 | 0 | 2 | 21 | 00 | 0 | 3 | 2 | 1 | 5 | 9 | 3 | 7 | 0 |
| | 0530 | 216 | 1005.1 | 980.7 | .. | 24.3 | 21.3 | 20.2 | 23.7 | 78 | .. | 2.3 | .. | 5.1 | 0 | 1 | 18 | 00 | 0 | 4 | 2 | 0 | 3 | 8 | 2 | 11 | 0 |
| | 0830 | 216 | 1006.5 | 982.2 | +1.9 | 26.3 | 22.4 | 20.4 | 24.0 | 70 | + 0 | 2.8 | -0.3 | 8.7 | 0 | 3 | 22 | 00 | 0 | 3 | 3 | 0 | 2 | 10 | 7 | 5 | 0 |
| | 1130 | 216 | 1006.3 | 982.4 | .. | 31.2 | 23.6 | 19.5 | 22.7 | 51 | .. | 2.7 | .. | 11.1 | 0 | 3 | 23 | 01 | 0 | 2 | 3 | 0 | 1 | 10 | 9 | 4 | 0 |
| | 1430 | 216 | 1004.1 | 980.3 | .. | 33.0 | 23.7 | 18.4 | 21.1 | 45 | .. | 3.5 | .. | 11.5 | 0 | 3 | 25 | 03 | 0 | 2 | 4 | 0 | 1 | 5 | 13 | 2 | 0 |
| | 1730 | 216 | 1002.1 | 979.1 | +1.8 | 32.1 | 23.6 | 18.9 | 21.8 | 48 | - 6 | 2.6 | -0.5 | 7.2 | 0 | 1 | 21 | 01 | 1 | 1 | 4 | 1 | 0 | 2 | 12 | 8 | 0 |
| | 2030 | 216 | 1004.3 | 980.2 | .. | 28.3 | 23.1 | 20.4 | 24.0 | 63 | .. | 2.1 | .. | 2.5 | 0 | 0 | 11 | 02 | 0 | 2 | 2 | 0 | 2 | 2 | 1 | 19 | 0 |
| | 2330 | 216 | 1005.3 | 981.0 | .. | 26.5 | 22.7 | 20.6 | 24.3 | 71 | .. | 2.3 | .. | 5.3 | 0 | 1 | 20 | 01 | 2 | 3 | 3 | 0 | 6 | 5 | 1 | 9 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1005.1 | 978.8 | .. | 24.1 | 21.5 | 19.9 | 23.2 | 79 | .. | 2.3 | .. | 4.9 | 0 | 0 | 17 | 00 | 0 | 1 | 4 | 1 | 5 | 4 | 2 | 13 | 0 |
| | 0530 | 233 | 1005.4 | 979.0 | .. | 22.8 | 21.0 | 19.8 | 23.1 | 83 | .. | 2.0 | .. | 5.0 | 0 | 1 | 16 | 00 | 0 | 1 | 3 | 1 | 5 | 6 | 1 | 13 | 0 |
| | 0830 | 233 | 1006.8 | 980.6 | .. | 26.2 | 22.2 | 19.9 | 23.2 | 70 | .. | 2.6 | .. | 10.3 | 0 | 1 | 24 | 01 | 0 | 2 | 5 | 0 | 1 | 11 | 5 | 5 | 0 |
| | 1130 | 233 | 1006.6 | 980.8 | .. | 31.2 | 23.2 | 18.6 | 21.4 | 47 | .. | 2.4 | .. | 13.4 | 0 | 4 | 24 | 02 | 0 | 2 | 3 | 1 | 1 | 6 | 13 | 2 | 0 |
| | 1430 | 233 | 1004.1 | 978.6 | .. | 33.2 | 23.2 | 17.4 | 19.9 | 41 | .. | 2.8 | .. | 13.3 | 0 | 3 | 26 | 03 | 0 | 1 | 4 | 1 | 0 | 3 | 17 | 1 | 0 |
| | 1730 | 233 | 1002.9 | 977.3 | .. | 32.0 | 23.0 | 17.7 | 20.2 | 46 | .. | 2.3 | .. | 9.7 | 0 | 2 | 21 | 04 | 2 | 1 | 4 | 1 | 0 | 0 | 11 | 7 | 0 |
| | 2030 | 233 | 1004.3 | 978.4 | .. | 27.5 | 22.6 | 19.9 | 23.2 | 62 | .. | 2.0 | .. | 2.1 | 0 | 0 | 8 | 00 | 0 | 4 | 0 | 1 | 1 | 1 | 1 | 22 | 0 |
| | 2330 | 233 | 1005.5 | 978.9 | .. | 25.2 | 22.1 | 20.1 | 23.5 | 75 | .. | 1.9 | .. | 5.0 | 0 | 2 | 14 | 00 | 1 | 3 | 3 | 1 | 5 | 2 | 1 | 14 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1008.7 | 923.9 | +2.1 | 20.8 | 19.2 | 18.3 | 21.0 | 86 | + 0 | 3.3 | -0.8 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 761 | 1003.0 | 920.4 | +1.6 | 25.8 | 21.5 | 19.2 | 22.2 | 68 | - 5 | 4.9 | +0.0 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 29 | 0 |
| Bilaspur | 0830 | 587 | 1006.4 | 940.8 | .. | 22.0 | 20.6 | 20.1 | 23.5 | 89 | + 2 | 2.5 | -2.0 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 587 | 1002.9 | 939.4 | .. | 28.5 | 22.3 | 19.7 | 22.9 | 60 | - 6 | 3.5 | -0.8 | 1.0 | 0 | 0 | 12 | 00 | 2 | 0 | 1 | 2 | 1 | 5 | 1 | 18 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | 3107.5 | 666.3 | .. | 3.9 | 0.9 | - 3.0 | 4.8 | 63 | .. | 3.2[e] | .. | 4.3 | 0 | 0 | 21 | 02 | 14 | 0 | 1 | 0 | 4 | 0 | 0 | 9 | 0 |
| | 0830 | 3514 | 3113.8 | 667.2 | -0.1 | 10.9 | 5.3 | - 0.3 | 5.7 | 46 | - 1 | 3.4 | +0.5 | 2.9 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 6 | 13 | 0 | 0 | 11 | 0 |
| | 1730 | 3514 | .. | .. | .. | 15.2 | 8.6 | 2.4 | 7.3 | 45 | +13 | 3.5[g] | +0.7 | 5.2[d] | 0 | 0 | 27 | 00 | 2 | 0 | 0 | 0 | 24 | 0 | 1 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1495.1 | 841.0 | +1.2 | 14.6 | 13.2 | 12.3 | 14.3 | 87 | +10 | 4.2 | +1.7 | 2.0 | 0 | 0 | 21 | 01 | 0 | 1 | 7 | 3 | 3 | 2 | 4 | 9 | 0 |
| | 1130 | 1587 | 1493.5 | 841.0 | .. | 20.5 | 15.8 | 13.0 | 14.9 | 63 | .. | 3.9 | .. | 2.5 | 0 | 0 | 24 | 07 | 2 | 1 | 6 | 3 | 2 | 0 | 3 | 6 | 0 |
| | 1430 | 1587 | 1474.5 | 839.4 | .. | 22.1 | 16.2 | 12.5 | 14.5 | 54 | .. | 4.2 | .. | 3.7 | 0 | 0 | 28 | 04 | 2 | 1 | 4 | 2 | 1 | 7 | 7 | 2 | 0 |
| | 1730 | 1587 | 1469.5 | 838.7 | +2.1 | 20.3 | 15.6 | 12.5 | 14.5 | 62 | +15 | 4.7 | +1.8 | 3.3 | 0 | 0 | 26 | 05 | 2 | 0 | 4 | 3 | 1 | 7 | 4 | 4 | 0 |
| | 2030 | 1587 | 1482.6 | 839.9 | .. | 16.9 | 14.4 | 12.8 | 14.7 | 77 | .. | 4.3 | .. | 2.4 | 0 | 0 | 16 | 01 | 2 | 1 | 4 | 2 | 1 | 0 | 5 | 14 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1479.5 | 832.1 | .. | 12.5 | 11.3 | 10.3 | 12.5 | 87 | .. | 3.2 | .. | 2.3 | 0 | 0 | 11 | 01 | 0 | 0 | 2 | 5 | 0 | 2 | 1 | 19 | 0 |
| | 0830 | 1666 | 1492.5 | 833.2 | .. | 14.9 | 12.9 | 11.6 | 13.6 | 80 | .. | 4.1 | .. | 1.8 | 0 | 0 | 8 | 01 | 0 | 0 | 2 | 2 | 0 | 2 | 1 | 22 | 0 |
| | 1130 | 1666 | 1490.1 | 833.3 | .. | 19.8 | 15.5 | 12.9 | 14.9 | 66 | .. | 3.8 | .. | 4.9 | 0 | 0 | 20 | 06 | 4 | 3 | 1 | 1 | 0 | 0 | 5 | 10 | 0 |
| | 1730 | 1666 | 1469.0 | 831.2 | .. | 20.6 | 15.7 | 12.5 | 14.5 | 63 | .. | 4.7 | .. | 9.2 | 0 | 1 | 22 | 04 | 1 | 3 | 0 | 4 | 4 | 1 | 6 | 7 | 0 |
| | 2330 | 1666 | 1485.9 | 833.2 | .. | 14.4 | 12.4 | 10.9 | 13.0 | 81 | .. | 3.2 | .. | 5.2 | 0 | 0 | 18 | 01 | 0 | 1 | 1 | 3 | 5 | 2 | 5 | 12 | 0 |
| Gulmarg | 0830 | 2655 | 3114.9 | 740.1 | +0.5 | 10.0 | 8.4 | 6.9 | 9.9 | 82 | + 3 | 3.9[c] | +1.6 | 0.5 | 0 | 0 | 6 | 00 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 24 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or bt. in gms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **JAMMU AND KASHMIR** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gulmarg (Contd.) | 1730 | 2655 | 1111.5 | [illegible] | .. | 12.5 | 10.1 | 8.0 | 10.7 | 75 | .. | 4.6[d] | .. | 2.8 | 0 | 0 | 19 | 00 | 2 | 5 | 1 | 2 | 3 | 6 | 0 | 11 | 0 |
| Qazigund | 0830 | 1690 | .. | .. | .. | 15.0 | 12.9 | 11.4 | 13.5 | 79 | .. | 3.7 | .. | 0.8 | 0 | 0 | 6 | 00 | 0 | 2 | 2 | 0 | 0 | 2 | 0 | 24 | 0 |
| | 1730 | 1690 | .. | .. | .. | 19.2 | 14.8 | 12.0 | 14.0 | 65 | .. | 5.0 | .. | 5.9 | 0 | 2 | 18 | 02 | 0 | 4 | 2 | 3 | 3 | 4 | 2 | 10 | 0 |
| Banihal | 0830 | | .. | .. | .. | 14.8 | 13.2 | 12.1 | 14.1 | 84 | .. | 3.7 | .. | 0.2 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 1730 | | .. | .. | .. | 20.2 | 15.9 | 13.3 | 15.3 | 65 | .. | 5.7 | .. | 6.8 | 0 | 0 | 19 | 01 | 0 | 0 | 0 | 16 | 0 | 0 | 2 | 11 | 0 |
| Jammu | 0830 | 366 | 1006.1 | 965.0 | .. | 24.3 | 21.0 | 19.0 | 22.0 | 73 | + 2 | 3.5 | +1.0 | 5.5 | 0 | 0 | 29 | 02 | 24 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 1730 | 366 | 1000.3 | 960.2 | .. | 29.6 | 23.8 | 21.1 | 25.0 | 62 | .. | 2.8 | .. | 3.9 | 0 | 0 | 13 | 00 | 3 | 1 | 1 | 1 | 3 | 0 | 4 | 17 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 1005.3 | 971.9 | .. | 22.7 | 20.6 | 19.5 | 22.7 | 82 | .. | 3.5 | .. | 5.2 | 0 | 1 | 16 | 00 | 16 | 0 | 0 | 0 | 0 | 0 | 1 | 13 | 0 |
| | 0830 | 292 | 1006.1 | 973.2 | .. | 25.1 | 21.9 | 20.1 | 23.5 | 74 | .. | 3.6 | .. | 5.6 | 0 | 0 | 25 | 02 | 18 | 4 | 1 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 1130 | 292 | 1006.3 | 973.9 | .. | 29.8 | 23.5 | 20.1 | 23.5 | 58 | .. | 3.5 | .. | 7.1 | 0 | 1 | 21 | 01 | 2 | 2 | 3 | 4 | 5 | 3 | 2 | 8 | 0 |
| | 1730 | 292 | 1003.6 | 971.2 | .. | 29.9 | 23.7 | 20.5 | 24.1 | 59 | .. | 3.6 | .. | 5.6 | 0 | 1 | 18 | 00 | 1 | 0 | 0 | 2 | 3 | 8 | 5 | 11 | 0 |
| | 2330 | 292 | 1005.3 | 972.2 | .. | 23.9 | 21.4 | 20.0 | 23.4 | 79 | .. | 2.3 | .. | 5.1 | 0 | 0 | 14 | 01 | 8 | 3 | 0 | 1 | 0 | 0 | 1 | 16 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1004.5 | 984.4 | .. | 23.4 | 21.0 | 19.6 | 22.8 | 79 | .. | 1.5 | .. | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 0830 | 177 | 1006.0 | 986.0 | +1.3 | 25.4 | 22.1 | 20.2 | 23.7 | 74 | + 7 | 1.6 | +0.5 | 2.4 | 0 | 0 | 17 | 02 | 2 | 1 | 1 | 0 | 11 | 0 | 0 | 13 | 0 |
| | 1130 | 177 | 1006.0 | 986.3 | .. | 30.6 | 23.8 | 20.2 | 23.7 | 57 | .. | 2.1 | .. | 3.3 | 0 | 0 | 17 | 00 | 1 | 2 | 4 | 0 | 10 | 0 | 0 | 13 | 0 |
| | 1730 | 177 | 1002.9 | 983.5 | +1.9 | 32.2 | 24.6 | 20.4 | 24.0 | 54 | +12 | 2.5 | +0.9 | 1.0 | 0 | 0 | 9 | 00 | 4 | 1 | 0 | 1 | 3 | 0 | 0 | 21 | 0 |
| | 2330 | 177 | 1004.8 | 984.9 | .. | 25.6 | 22.3 | 20.3 | 23.8 | 73 | .. | 1.6 | .. | 2.6 | 0 | 1 | 9 | 00 | 2 | 3 | 2 | 0 | 2 | 0 | 1 | 20 | 0 |
| Anupgarh | 0830 | 154 | 1010.3 | 988.2 | .. | 27.6 | 22.5 | 19.9 | 23.2 | 63 | .. | 1.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 154 | 1008.1 | 985.7 | .. | 34.5 | 24.4 | 19.2 | 22.4 | 43 | .. | 1.9 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mahajan | 0830 | 187 | 1006.0 | 983.5 | .. | 27.4 | 23.7 | 21.5 | 25.6 | 71 | .. | 0.9 | .. | 4.3[c] | 0 | 12 | 14 | 00 | 4 | 3 | 4 | 5 | 9 | 1 | 0 | 2 | 0 |
| | 1730 | 187 | 1003.8 | 981.0 | .. | 33.1 | 25.8 | 22.4 | 27.0 | 53 | .. | 1.1 | .. | 5.0[d] | 0 | 7 | 19 | 06 | 1 | 0 | 0 | 5 | 10 | 2 | 2 | 1 | 0 |
| Churu | 0830 | 291 | 1002.0 | 969.5 | -2.7 | 26.0 | 21.0 | 18.0 | 20.6 | 62 | -13 | 2.1 | -0.6 | 11.3 | 0 | 3 | 23 | 00 | 0 | 4 | 2 | 2 | 4 | 14 | 0 | 4 | 0 |
| | 1730 | 291 | 998.5 | 966.9 | -2.3 | 32.6 | 22.2 | 15.6 | 17.7 | 39 | -14 | 2.0 | -1.4 | 8.9 | 0 | 0 | 28 | 09 | 0 | 1 | 2 | 3 | 4 | 6 | 3 | 2 | 0 |
| Bikaner | 0830 | 224 | 1006.4 | 981.2 | +1.6 | 26.7 | 21.5 | 18.5 | 21.3 | 62 | - 7 | 1.7 | +0.7 | 8.1 | 0 | 0 | 28 | 01 | 3 | 0 | 3 | 4 | 13 | 4 | 0 | 2 | 0 |
| | 1730 | 224 | 1003.0 | 978.5 | +1.8 | 33.5 | 22.8 | 16.3 | 18.5 | 39 | - 5 | 2.6 | +0.8 | 6.2 | 0 | 1 | 25 | 02 | 4 | 0 | 0 | 6 | 11 | 1 | 2 | 4 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1005.0 | 979.7 | .. | 25.0 | 20.9 | 18.7 | 21.6 | 65 | .. | 1.9 | .. | 5.9 | 0 | 0 | 24 | 00 | 2 | 1 | 0 | 3 | 16 | 1 | 1 | 6 | 0 |
| | 1130 | 224 | 1006.1 | 981.4 | .. | 32.3 | 23.2 | 18.6 | 21.4 | 45 | .. | 1.6 | .. | 6.9 | 0 | 0 | 30 | 02 | 2 | 1 | 3 | 9 | 7 | 5 | 1 | 0 | 0 |
| | 1430 | 224 | 1003.7 | 979.3 | .. | 34.6 | 23.2 | 16.4 | 18.6 | 37 | .. | 2.4 | .. | 7.1 | 0 | 0 | 29 | 01 | 3 | 0 | 2 | 7 | 11 | 1 | 4 | 1 | 0 |
| | 2030 | 224 | 1004.3 | 979.4 | .. | 29.2 | 22.5 | 18.7 | 21.4 | 55 | .. | 1.6 | .. | 6.1 | 0 | 3 | 19 | 03 | 3 | 0 | 0 | 6 | 9 | 0 | 1 | 8 | 0 |
| | 2330 | 224 | 1005.0 | 980.0 | .. | 27.0 | 21.7 | 18.5 | 21.3 | 61 | .. | 1.8 | .. | 8.6 | 0 | 0 | 24 | 03 | 3 | 0 | 1 | 13 | 4 | 0 | 0 | 6 | 0 |
| Nagaur | 0830 | 298 | 1007.0 | 973.7 | +2.8 | 28.0 | 23.1 | 20.3 | 23.8 | 65 | - 7 | 1.9 | -1.0 | 8.7 | 0 | 0 | 30 | 01 | 0 | 7 | 1 | 5 | 11 | 3 | 2 | 0 | 0 |
| Phalodi | 1730 | 298 | 1002.8 | 970.2 | +2.3 | 32.8 | 25.7 | 22.0 | 26.4 | 55 | + 0 | 2.2 | -1.6 | 9.3 | 0 | 0 | 30 | 04 | 1 | 1 | 1 | 5 | 11 | 6 | 1 | 0 | 0 |
| | 0830 | 234 | 1007.1 | 981.2 | +1.9 | 26.8 | 22.5 | 20.0 | 23.4 | 68 | - 9 | 1.5 | -0.5 | 14.9 | 0 | 0 | 30 | 02 | 2 | 0 | 3 | 3 | 14 | 5 | 1 | 0 | 0 |
| | 1730 | 234 | 1003.9 | 978.4 | +1.7 | 34.2 | 23.8 | 18.0 | 20.0 | 41 | - 9 | 2.2 | -0.4 | 13.2 | 0 | 0 | 30 | 02 | 0 | 3 | 5 | 10 | 6 | 2 | 2 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1005.7 | 978.7 | +1.3 | 26.4 | 16.5 | 6.6 | 9.7 | 33 | -42 | 2.2 | +0.7 | 12.5 | 0 | 1 | 28 | 03 | 1 | 0 | 0 | 16 | 7 | 2 | 0 | 1 | 0 |
| | 1730 | 242 | 1001.7 | 975.5 | +1.1 | 35.5 | 18.7 | - 3.6 | 4.5 | 14 | -35 | 1.9 | -0.2 | 12.7 | 0 | 2 | 28 | 05 | 3 | 0 | 0 | 13 | 7 | 2 | 0 | 0 | 0 |
| Jodhpur | 0230 | 224 | 1005.7 | 980.3 | .. | 25.6 | 21.4 | 18.9 | 21.8 | 67 | .. | 1.5 | .. | 9.6 | 0 | 1 | 26 | 00 | 5 | 0 | 0 | 1 | 12 | 8 | 1 | 3 | 0 |
| | 0530 | 224 | 1005.8 | 980.4 | .. | 24.3 | 21.1 | 19.2 | 22.2 | 74 | .. | 1.4 | .. | 8.7 | 0 | 1 | 24 | 01 | 3 | 0 | 0 | 1 | 13 | 5 | 2 | 5 | 0 |
| | 0830 | 224 | 1007.4 | 982.1 | +1.5 | 26.1 | 22.2 | 20.1 | 23.5 | 70 | - 4 | 1.8 | -1.4 | 10.6 | 0 | 0 | 28 | 01 | 4 | 2 | 0 | 1 | 10 | 7 | 3 | 2 | 0 |
| | 1130 | 224 | 1007.3 | 982.[illegible] | .. | 31.4 | 23.3 | 18.8 | 21.7 | 50 | .. | 3.0 | .. | 13.9 | 0 | 1 | 29 | 01 | 2 | 1 | 3 | 1 | 13 | 6 | 3 | 0 | 0 |
| | 1430 | 224 | 1004.9 | 980.3 | .. | 34.0 | 23.7 | 17.9 | 20.5 | 40 | .. | 3.5 | .. | 15.5 | 0 | 5 | 25 | 00 | 1 | 3 | 1 | 3 | 15 | 4 | 3 | 0 | 0 |
| | 1730 | 224 | 1003.7 | 979.5 | +2.1 | 33.4 | 23.2 | 17.4 | 19.9 | 42 | - 6 | 2.8 | -0.9 | 14.3 | 0 | 2 | 27 | 01 | 3 | 1 | 0 | 4 | 18 | 2 | 0 | 1 | 0 |
| | 2030 | 224 | 1005.0 | 980.4 | .. | 29.3 | 22.8 | 19.2 | 22.2 | 56 | .. | 1.9 | .. | 9.6 | 0 | 2 | 26 | 00 | 5 | 0 | 1 | 6 | 13 | 3 | 0 | 2 | 0 |
| Barmer | 2330 | 224 | 1006.5 | 980.9 | .. | 27.1 | 21.9 | 18.9 | 21.9 | 62 | .. | 1.8 | .. | 10.0 | 0 | 2 | 27 | 02 | 3 | 0 | 0 | 4 | 15 | 4 | 1 | 1 | 0 |
| | 0530 | 194 | 1004.5 | 982.6 | .. | 25.4 | 21.8 | 19.7 | 22.9 | 70 | .. | 1.5 | .. | 7.5 | 0 | 2 | 20 | 02 | 0 | 0 | 0 | 2 | 7 | 9 | 2 | 8 | 0 |
| | 0830 | 194 | 1006.1 | 984.3 | +0.7 | 26.8 | 22.5 | 20.1 | 23.5 | 68 | - 7 | 2.4 | -0.3 | 6.6 | 0 | 2 | 22 | 02 | 1 | 0 | 0 | 5 | 10 | 3 | 3 | 6 | 0 |
| | 1130 | 194 | 1006.2 | 984.7 | .. | 32.6 | 24.7 | 20.9 | 24.7 | 51 | .. | 3.0 | .. | 7.6 | 0 | 1 | 25 | 02 | 1 | 0 | 0 | 6 | 15 | 1 | 1 | 4 | 0 |
| | 1730 | 194 | 1002.3 | 981.1 | +0.6 | 35.3 | 25.5 | 20.7 | 24.4 | 43 | - 4 | 3.6 | +0.7 | 8.3 | 0 | 1 | 27 | 04 | 2 | 2 | 0 | 7 | 12 | 1 | 0 | 2 | 0 |
| | 2330 | 194 | 1004.8 | 983.3 | .. | 29.7 | 23.6 | 20.5 | 24.1 | 59 | .. | 1.5 | .. | 8.1 | 0 | 1 | 27 | 01 | 1 | 0 | 0 | 3 | 18 | 2 | 3 | 2 | 0 |
| Erinpura(Jawai Dam) | 0830 | 295 | 1007.6 | 974.6 | +2.2 | 26.0 | 22.2 | 20.6 | 24.3 | 69 | -12 | 2.4 | -2.2 | 4.8 | 0 | 0 | 30 | 00 | 3 | 0 | 1 | 9 | 14 | 3 | 0 | 0 | 0 |
| | 1730 | 295 | 1003.4 | 971.0 | +1.7 | 29.8 | 24.3 | 21.3 | 25.3 | 61 | - 4 | 2.9 | -2.3 | 2.4 | 0 | 0 | 21 | 01 | 1 | 1 | 1 | 5 | 9 | 2 | 1 | 9 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1007.1 | 973.5 | +2.5 | 26.7 | 22.4 | 19.8 | 23.0 | 68 | - 6 | 2.0 | +0.1 | 14.0 | 0 | 11 | 15 | 00 | 0 | 3 | 3 | 1 | 9 | 9 | 1 | 4 | 0 |
| | 1730 | 301 | 1003.3 | 970.5 | +2.3 | 32.5 | 23.5 | 18.2 | 20.8 | 46 | -14 | 2.7 | +0.4 | 10.0 | 0 | 11 | 19 | 01 | 1 | 2 | 4 | 1 | 5 | 11 | 5 | 0 | 0 |
| Sikar | 0830 | 433 | 1006.6 | 958.6 | +1.3 | 25.3 | 21.2 | 18.8 | 21.7 | 68 | - 9 | 1.0 | -1.9 | 0.7 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 26 | 0 |
| | 1730 | 433 | 1002.7 | 955.8 | +1.6 | 32.4 | 25.0 | 21.3 | 25.3 | 53 | -11 | 1.4 | -2.3 | 4.5 | 0 | 0 | 21 | 01 | 0 | 3 | 1 | 0 | 0 | 11 | 5 | 9 | 0 |
| Alwar | 0830 | 271 | 1005.0 | 975.4 | +0.8 | 27.2 | 23.1 | 21.1 | 25.0 | 70 | - 5 | 2.2 | -1.3 | 1.5 | 0 | 0 | 15 | 02 | 2 | 1 | 0 | 1 | 3 | 4 | 2 | 15 | 0 |
| | 1730 | 271 | 1002.9 | 973.1 | +1.7 | 31.4 | 24.8 | 21.6 | 25.8 | 58 | - 4 | 3.6 | -0.5 | 1.3 | 0 | 0 | 13 | 04 | 2 | 0 | 1 | 0 | 1 | 5 | 0 | 17 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1005.1 | 961.4 | .. | 23.8 | 20.9 | 19.0 | 22.0 | 76 | .. | 1.7 | .. | 2.7 | 0 | 0 | 13 | 00 | 4 | 1 | 0 | 1 | 0 | 2 | 5 | 17 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) (Contd.) | 0530 | 390 | 1005.5 | 961.7 | .. | 22.7 | 20.4 | 18.9 | 21.8 | 80 | .. | 1.9 | .. | 2.3 | 0 | 0 | 14 | 03 | 1 | 3 | 0 | 1 | 0 | 1 | 5 | 16 | 0 |
| | 0830 | 390 | 1006.4 | 963.1 | +1.0 | 26.9 | 22.1 | 19.2 | 22.2 | 65 | - 9 | 2.0 | -1.0 | 0.8 | 0 | 1 | 25 | 01 | 0 | 6 | 1 | 1 | 0 | 3 | 14 | 4 | 0 |
| | 1130 | 390 | 1005.8 | 963.2 | .. | 31.4 | 23.3 | 18.6 | 21.4 | 50 | .. | 2.5 | .. | 10.4 | 0 | 3 | 25 | 04 | 1 | 3 | 0 | 1 | 2 | 4 | 13 | 2 | 0 |
| | 1430 | 390 | 1003.5 | 961.1 | .. | 32.5 | 23.3 | 17.9 | 20.5 | 46 | .. | 3.6 | .. | 9.7 | 0 | 4 | 26 | 04 | 4 | 2 | 0 | 0 | 1 | 10 | 9 | 0 | 0 |
| | 1730 | 390 | 1002.6 | 960.1 | +0.9 | 31.4 | 22.6 | 17.6 | 20.1 | 48 | - 9 | 3.1 | -0.8 | 5.6 | 0 | 0 | 27 | 01 | 1 | 1 | 3 | 0 | 3 | 10 | 8 | 3 | 0 |
| | 2030 | 390 | 1004.5 | 961.5 | .. | 27.1 | 22.3 | 19.6 | 23.2 | 64 | .. | 2.0 | .. | 2.0 | 0 | 0 | 14 | 01 | 2 | 1 | 2 | 0 | 3 | 5 | 0 | 16 | 0 |
| | 2330 | 390 | 1005.6 | 962.1 | .. | 25.2 | 21.5 | 19.3 | 22.4 | 71 | .. | 1.9 | .. | 2.0 | 0 | 0 | 10 | 00 | 3 | 1 | 0 | 1 | 0 | 1 | 4 | 20 | 0 |
| Dholpur | 0830 | 176 | 1005.9 | 986.3 | +2.6 | 27.3 | 23.0 | 20.8 | 24.6 | 68 | -13 | 2.1 | -1.9 | 1.6 | 0 | 0 | 12 | 00 | 0 | 4 | 0 | 2 | 0 | 5 | 1 | 18 | 0 |
| | 1730 | 176 | 1002.3 | 982.9 | +2.4 | 31.7 | 24.2 | 20.3 | 23.8 | 53 | -14 | 2.1 | -2.2 | 1.0 | 0 | 0 | 10 | 00 | 1 | 2 | 1 | 0 | 2 | 3 | 1 | 20 | 0 |
| Ajmer | 0830 | 486 | 1006.5 | 953.1 | +1.2 | 25.9 | 21.1 | 18.6 | 21.4 | 65 | - 5 | 2.1 | -1.2 | 9.7 | 0 | 3 | 23 | 00 | 5 | 1 | 1 | 0 | 10 | 9 | 0 | 4 | 0 |
| | 1730 | 486 | 1002.9 | 950.4 | +1.3 | 31.4 | 22.2 | 17.3 | 19.7 | 46 | - 7 | 2.4 | -1.0 | 10.7 | 0 | 1 | 29 | 00 | 5 | 1 | 0 | 1 | 8 | 13 | 2 | 0 | 0 |
| Tonk | 0830 | 272 | 1005.9 | 975.6 | +2.4 | 26.9 | 23.4 | 22.1 | 26.6 | 75 | -10 | 1.9 | -1.7 | 5.6 | 0 | 0 | 30 | 00 | 4 | 1 | 1 | 0 | 4 | 16 | 4 | 0 | 0 |
| | 1730 | 272 | 1001.7 | 972.0 | +1.7 | 31.8 | 24.7 | 21.1 | 25.0 | 53 | -14 | 3.0 | -1.1 | 2.7 | 0 | 0 | 27 | 02 | 4 | 0 | 1 | 1 | 3 | 13 | 3 | 3 | 0 |
| Bhilwara | 0830 | 425 | 1007.2 | 960.0 | .. | 25.1 | 22.0 | 20.2 | 23.7 | 75 | .. | 2.9 | .. | 6.4 | 0 | 0 | 24 | 02 | 2 | 0 | 0 | 1 | 14 | 2 | 3 | 6 | 0 |
| | 1730 | 425 | 1003.8 | 957.9 | .. | 30.3 | 23.3 | 19.6 | 22.8 | 51 | .. | 3.8 | .. | 6.5 | 0 | 1 | 25 | 04 | 2 | 0 | 0 | 2 | 8 | 4 | 6 | 4 | 0 |
| Kota | 0830 | 257 | 1006.5 | 977.8 | +1.0 | 27.7 | 23.7 | 21.7 | 25.9 | 71 | - 2 | 1.8 | -1.8 | 6.3 | 0 | 1 | 20 | 01 | 2 | 0 | 0 | 0 | 4 | 9 | 5 | 9 | 0 |
| | 1730 | 257 | 1003.3 | 975.1 | +1.4 | 32.0 | 24.7 | 21.1 | 25.0 | 55 | - 3 | 3.2 | -1.2 | 7.3 | 0 | 1 | 24 | 02 | 1 | 0 | 1 | 0 | 4 | 4 | 13 | 5 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1005.6 | 974.7 | .. | 24.5 | 21.3 | 19.5 | 22.7 | 74 | .. | 1.9 | .. | 6.0 | 0 | 2 | 17 | 01 | 1 | 0 | 1 | 0 | 9 | 4 | 3 | 11 | 0 |
| | 0830 | 274 | 1007.0 | 976.5 | .. | 28.1 | 22.4 | 19.1 | 22.0 | 60 | .. | 1.8 | .. | 9.5 | 0 | 1 | 27 | 01 | 2 | 1 | 2 | 0 | 4 | 10 | 8 | 2 | 0 |
| | 1130 | 274 | 1006.7 | 976.5 | .. | 31.7 | 23.2 | 18.4 | 21.1 | 48 | .. | 2.9 | .. | 11.9 | 0 | 1 | 29 | 03 | 5 | 2 | 2 | 0 | 3 | 2 | 13 | 0 | 0 |
| | 1730 | 274 | 1003.4 | 973.4 | .. | 32.4 | 22.7 | 16.7 | 19.0 | 43 | .. | 3.3 | .. | 9.3 | 0 | 2 | 26 | 05 | 1 | 1 | 1 | 0 | 6 | 7 | 7 | 2 | 0 |
| | 2330 | 274 | 1006.0 | 975.4 | .. | 26.7 | 21.9 | 19.2 | 22.2 | 65 | .. | 1.8 | .. | 7.5 | 0 | 2 | 22 | 00 | 2 | 0 | 0 | 2 | 12 | 7 | 1 | 6 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1007.4 | 968.2 | +2.2 | 25.5 | 22.6 | 21.1 | 25.0 | 77 | - 4 | 1.6 | -2.9 | 5.1 | 0 | 2 | 14 | 00 | 1 | 0 | 0 | 0 | 13 | 1 | 1 | 14 | 0 |
| | 1730 | 351 | 1003.7 | 965.3 | +2.3 | 30.6 | 23.4 | 19.4 | 22.5 | 65 | - 3 | 3.2 | -1.7 | 7.3 | 0 | 2 | 27 | 01 | 6 | 1 | 1 | 0 | 16 | 0 | 4 | 1 | 0 |
| Udaipur | 0230 | 582 | 1006.9 | 942.2 | .. | 21.9 | 19.9 | 18.6 | 21.4 | 83 | .. | 1.5 | .. | 0.5 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 27 | 0 |
| | 0530 | 582 | 1006.9 | 941.9 | .. | 20.9 | 19.3 | 18.5 | 21.3 | 87 | .. | 1.0 | .. | 0.6 | 0 | 0 | 5 | 01 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 25 | 0 |
| | 0830 | 582 | 1007.8 | 943.5 | +1.6 | 24.0 | 20.7 | 19.0 | 22.0 | 74 | - 2 | 2.2 | -1.7 | 1.5 | 0 | 0 | 8 | 01 | 1 | 0 | 0 | 0 | 6 | 0 | 0 | 22 | 0 |
| | 1130 | 582 | 1007.0 | 943.7 | .. | 29.2 | 22.0 | 17.8 | 20.4 | 53 | .. | 3.2 | .. | 3.3 | 0 | 0 | 22 | 02 | 2 | 2 | 0 | 4 | 9 | 2 | 1 | 8 | 0 |
| | 1730 | 582 | 1004.2 | 941.1 | +1.6 | 29.0 | 21.9 | 18.0 | 20.6 | 54 | -11 | 3.6 | -1.6 | 3.9 | 0 | 0 | 27 | 01 | 5 | 1 | 2 | 9 | 4 | 3 | 2 | 3 | 0 |
| | 2330 | 582 | 1007.5 | 942.9 | .. | 23.0 | 20.4 | 18.9 | 21.8 | 79 | .. | 1.8 | .. | 0.5 | 0 | 0 | 4 | 01 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 26 | 0 |
| Jhalawar | 0830 | 321 | 1007.1 | 971.2 | +1.5 | 25.8 | 22.5 | 20.6 | 24.3 | 73 | - 8 | 2.5 | -1.1 | 4.3 | 0 | 0 | 20 | 02 | 1 | 0 | 2 | 1 | 5 | 7 | 2 | 10 | 0 |
| | 1730 | 321 | 1003.0 | 967.9 | +1.3 | 31.3 | 23.5 | 19.2 | 22.2 | 52 | -10 | 3.6 | -0.3 | 4.7 | 0 | 0 | 23 | 02 | 3 | 2 | 1 | 1 | 2 | 7 | 5 | 7 | 0 |
| Banswara | 0830 | 220 | 1008.4 | 983.6 | .. | 25.3 | 22.9 | 21.6 | 25.8 | 83 | .. | 3.9 | .. | 7.3 | 0 | 0 | 30 | 00 | 1 | 3 | 8 | 2 | 15 | 1 | 0 | 0 | 0 |
| | 1730 | 220 | 1004.9 | 980.5 | .. | 31.3 | 24.5 | 20.6 | 24.3 | 55 | .. | 4.1 | .. | 8.2 | 0 | 0 | 30 | 01 | 3 | 1 | 1 | 3 | 12 | 2 | 7 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1004.9 | 981.6 | .. | 24.6 | 21.4 | 19.6 | 22.8 | 75 | .. | 2.0 | .. | 3.9 | 0 | 1 | 17 | 00 | 2 | 2 | 0 | 3 | 6 | 5 | 0 | 12 | 0 |
| | 0530 | 207 | 1005.3 | 981.9 | .. | 23.9 | 21.0 | 19.3 | 22.4 | 76 | .. | 2.5 | .. | 4.2 | 0 | 1 | 17 | 00 | 3 | 2 | 1 | 1 | 7 | 3 | 1 | 12 | 0 |
| | 0830 | 207 | 1006.7 | 983.5 | +1.8 | 28.0 | 22.5 | 19.5 | 22.7 | 61 | -14 | 2.6 | -1.4 | 7.0 | 0 | 1 | 23 | 00 | 2 | 2 | 1 | 2 | 1 | 12 | 4 | 6 | 0 |
| | 1130 | 207 | 1006.3 | 983.5 | .. | 32.0 | 23.3 | 18.4 | 21.4 | 47 | .. | 2.4 | .. | 9.8 | 0 | 2 | 27 | 05 | 1 | 4 | 3 | 2 | 2 | 5 | 7 | 1 | 0 |
| | 1430 | 207 | 1003.8 | 981.1 | .. | 33.1 | 23.4 | 17.7 | 20.8 | 43 | .. | 3.3 | .. | 11.1 | 0 | 3 | 27 | 05 | 3 | 3 | 1 | 2 | 1 | 5 | 10 | 0 | 0 |
| | 1730 | 207 | 1003.0 | 980.2 | +1.4 | 32.1 | 23.4 | 18.4 | 21.6 | 47 | -18 | 3.0 | -1.5 | 6.7 | 0 | 1 | 28 | 07 | 3 | 1 | 1 | 1 | 3 | 6 | 7 | 1 | 0 |
| | 2030 | 207 | 1004.9 | 981.7 | .. | 27.5 | 22.7 | 20.2 | 23.7 | 65 | .. | 2.2 | .. | 3.2 | 0 | 0 | 14 | 01 | 0 | 2 | 0 | 0 | 6 | 3 | 2 | 16 | 0 |
| | 2330 | 207 | 1005.5 | 982.2 | .. | 25.6 | 21.9 | 19.7 | 23.3 | 71 | .. | 2.2 | .. | 4.3 | 0 | 1 | 17 | 00 | 2 | 2 | 1 | 3 | 7 | 3 | 0 | 12 | 0 |
| Sheopur | 0830 | 235 | 1007.0 | 980.6 | +2.1 | 26.0 | 22.8 | 21.1 | 25.2 | 75 | - 6 | 2.0 | -2.7 | 6.1 | 0 | 0 | 28 | 02 | 1 | 3 | 0 | 19 | 0 | 3 | 0 | 2 | 0 |
| | 1730 | 235 | 1003.2 | 977.3 | +2.0 | 30.9 | 23.9 | 20.3 | 24.0 | 56 | -11 | 4.5 | -0.1 | 7.3 | 0 | 1 | 29 | 16 | 1 | 3 | 0 | 4 | 1 | 5 | 0 | 0 | 0 |
| Shivpuri | 0830 | 464 | 1006.7 | 955.2 | .. | 25.9 | 21.6 | 19.4 | 22.4 | 69 | .. | 2.1 | .. | 4.3 | 0 | 0 | 23 | 02 | 5 | 1 | 0 | 0 | 2 | 7 | 6 | 7 | 0 |
| | 1730 | 464 | 1003.1 | 952.5 | .. | 29.7 | 22.3 | 18.4 | 20.9 | 53 | .. | 2.3 | .. | 3.5 | 0 | 0 | 26 | 05 | 1 | 2 | 1 | 0 | 1 | 12 | 4 | 4 | 0 |
| Nowgong | 0830 | 229 | 1007.3 | 981.6 | +2.0 | 26.3 | 22.9 | 21.2 | 25.2 | 74 | - 8 | 2.4 | -1.8 | 4.8 | 0 | 0 | 28 | 00 | 1 | 2 | 2 | 7 | 12 | 3 | 1 | 2 | 0 |
| | 1730 | 229 | 1003.1 | 978.0 | +1.7 | 32.2 | 23.9 | 19.3 | 22.9 | 50 | -18 | 2.4 | -2.4 | 4.3 | 0 | 1 | 23 | 01 | 3 | 2 | 1 | 0 | 13 | 0 | 4 | 6 | 0 |
| Guna | 0530 | 478 | 1006.5 | 952.8 | .. | 21.3 | 19.8 | 18.9 | 22.0 | 85 | .. | 2.2 | .. | 5.9 | 0 | 2 | 17 | 02 | 2 | 1 | 1 | 5 | 4 | 4 | 0 | 11 | 0 |
| | 0830 | 478 | 1007.4 | 954.5 | +1.8 | 26.1 | 22.0 | 19.9 | 23.5 | 70 | -16 | 2.5 | -1.8 | 7.5 | 0 | 3 | 27 | 02 | 0 | 8 | 0 | 5 | 1 | 14 | 0 | 0 | 0 |
| | 1130 | 478 | 1006.7 | 954.4 | .. | 29.8 | 23.2 | 19.9 | 23.5 | 58 | .. | 3.4 | .. | 11.2 | 0 | 2 | 28 | 02 | 5 | 1 | 0 | 2 | 4 | 7 | 9 | 0 | 0 |
| | 1430 | 478 | 1004.1 | 952.2 | .. | 30.8 | 23.2 | 19.4 | 22.8 | 54 | .. | 4.3 | .. | 12.3 | 0 | 3 | 27 | 07 | 5 | 0 | 1 | 3 | 5 | 4 | 5 | 0 | 0 |
| | 1730 | 478 | 1003.5 | 951.3 | +1.5 | 29.4 | 22.5 | 18.9 | 22.1 | 56 | -14 | 3.6 | -1.0 | 10.3 | 0 | 3 | 26 | 08 | 4 | 0 | 2 | 1 | 3 | 7 | 4 | 1 | 0 |
| | 2330 | 478 | 1006.6 | 953.4 | .. | 23.3 | 20.8 | 19.5 | 22.7 | 79 | .. | 1.8 | .. | 5.5 | 0 | 1 | 21 | 01 | 1 | 3 | 3 | 3 | 4 | 6 | 1 | 8 | 0 |
| Nimach | 0830 | 496 | 1007.3 | 952.4 | +0.9 | 25.0 | 21.2 | 19.3 | 22.7 | 71 | -10 | 2.7 | -1.9 | 10.7 | 0 | 3 | 20 | 01 | 3 | 0 | 0 | 0 | 7 | 8 | 1 | 7 | 3 |
| | 1730 | 496 | 1004.8 | 950.7 | +1.7 | 29.4 | 21.7 | 17.3 | 20.2 | 52 | -13 | 3.4 | -1.7 | 10.5 | 0 | 4 | 25 | 01 | 7 | 1 | 1 | 0 | 4 | 7 | 1 | 1 | 7 |
| Rajgarh | 0830 | 382 | 1007.7 | 965.0 | +2.7 | 24.6 | 22.1 | 20.7 | 24.6 | 79 | - 5 | 2.8 | -2.1 | 7.6 | 0 | 1 | 27 | 04 | 2 | 2 | 1 | 4 | 2 | 8 | 5 | 2 | 0 |
| | 1730 | 382 | 1003.4 | 961.7 | +2.0 | 30.2 | 23.2 | 19.2 | 22.7 | 55 | -12 | 4.3 | -0.6 | 8.6 | 0 | 1 | 29 | 11 | 0 | 0 | 0 | 1 | 1 | 9 | 8 | 0 | 0 |
| Sagar | 0830 | 551 | 1007.3 | 946.4 | +2.1 | 24.7 | 21.6 | 20.1 | 23.5 | 76 | - 7 | 2.9 | -2.0 | 4.6 | 0 | 0 | 29 | 00 | 2 | 3 | 0 | 0 | 8 | 12 | 4 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sagar (Contd.) | 1730 | 551 | 1003.1 | 942.[illegible] | +1.5 | 27.3 | 22.6 | 20.3 | 23.8 | 67 | - 6 | 3.2 | -2.2 | 4.4 | 0 | 0 | 28 | 00 | 7 | 8 | 0 | 0 | 5 | 6 | 2 | 2 | 0 |
| Ratlam | 0830 | 486 | 1008.3 | 956.3 | +1.9 | 24.7 | 21.4 | 19.6 | 22.9 | 75 | -12 | 4.5 | -1.5 | 9.3 | 0 | 2 | 25 | 03 | 5 | 2 | 0 | 1 | 7 | 7 | 2 | 3 | 0 |
| | 1730 | 486 | 1004.4 | 951.3 | +1.5 | 29.4 | 27.0 | 18.1 | 21.0 | 53 | -14 | 4.6 | -1.5 | 11.4 | 0 | 3 | 26 | 01 | 5 | 2 | 1 | 1 | 4 | 8 | 7 | 1 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1006.1 | 947.9 | .. | 22.6 | 19.7 | 18.0 | 20.8 | 77 | .. | 2.9 | .. | 8.2 | 0 | 1 | 25 | 04 | 2 | 1 | 0 | 2 | 7 | 6 | 4 | 4 | 0 |
| | 0530 | 523 | 1006.6 | 948.1 | .. | 21.6 | 19.3 | 17.9 | 20.7 | 81 | .. | 3.1 | .. | 7.7 | 0 | 0 | 24 | 02 | 2 | 0 | 1 | 2 | 5 | 8 | 4 | 6 | 0 |
| | 0830 | 523 | 1007.7 | 949.9 | +1.6 | 25.6 | 21.1 | 18.7 | 21.8 | 68 | -15 | 3.3 | -1.7 | 11.1 | 0 | 1 | 25 | 00 | 4 | 1 | 2 | 2 | 1 | 10 | 6 | 4 | 0 |
| | 1130 | 523 | 1006.7 | 949.7 | .. | 29.5 | 22.2 | 18.2 | 21.3 | 54 | .. | 4.1 | .. | 12.6 | 0 | 5 | 24 | 04 | 4 | 1 | 3 | 1 | 2 | 8 | 6 | 1 | 0 |
| | 1430 | 523 | 1004.1 | 947.3 | .. | 30.1 | 22.0 | 17.4 | 20.4 | 49 | .. | 5.3 | .. | 13.0 | 0 | 3 | 27 | 06 | 5 | 1 | 1 | 1 | 3 | 8 | 5 | 0 | 0 |
| | 1730 | 523 | 1003.6 | 946.6 | +1.4 | 28.9 | 21.5 | 17.3 | 20.2 | 53 | -13 | 4.6 | -0.8 | 11.5 | 0 | 2 | 28 | 05 | 1 | 1 | 3 | 4 | 4 | 5 | 7 | 0 | 0 |
| | 2030 | 523 | 1006.0 | 948.2 | .. | 25.3 | 20.8 | 18.4 | 21.2 | 67 | .. | 2.9 | .. | 7.1 | 0 | 0 | 27 | 06 | 0 | 1 | 1 | 6 | 5 | 3 | 5 | 3 | 0 |
| | 2330 | 523 | 1006.8 | 948.7 | .. | 23.8 | 20.4 | 18.4 | 21.4 | 73 | .. | 2.7 | .. | 8.9 | 0 | 1 | 27 | 06 | 3 | 0 | 0 | 5 | 7 | 4 | 3 | 2 | 0 |
| Ujjain | 0830 | 489 | 1008.0 | 953.5 | .. | 24.2 | 21.5 | 20.0 | 23.5 | 79 | .. | 4.2 | .. | 9.0 | 0 | 5 | 18 | 01 | 1 | 1 | 1 | 0 | 2 | 8 | 9 | 7 | 0 |
| | 1730 | 489 | 1004.0 | 950.7 | .. | 29.2 | 21.7 | 17.5 | 20.5 | 53 | .. | 4.8 | .. | 12.4 | 0 | 6 | 24 | 04 | 7 | 2 | 0 | 0 | 1 | 10 | 6 | 0 | 0 |
| Narsinghpur | 0830 | 356 | 1007.6 | 967.8 | .. | 25.1 | 22.2 | 20.7 | 24.4 | 76 | .. | 4.3 | .. | 2.1 | 0 | 0 | 23 | 00 | 3 | 0 | 2 | 0 | 14 | 0 | 4 | 7 | 0 |
| | 1730 | 356 | 1003.1 | 964.3 | .. | 31.2 | 23.1 | 18.4 | 21.6 | 48 | .. | 5.2 | .. | 3.1 | 0 | 0 | 30 | 00 | 8 | 0 | 3 | 0 | 13 | 0 | 6 | 0 | 0 |
| Hoshangabad | 0830 | 302 | 1007.5 | 973.7 | +1.5 | 25.3 | 22.8 | 21.6 | 25.6 | 80 | - 5 | . | .. | 2.1 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 30 | 0 | 0 | 0 | 0 |
| | 1730 | 302 | 1004.1 | 970.8 | +1.9 | 30.3 | 23.5 | 19.7 | 23.4 | 56 | -14 | . | .. | 2.2 | 0 | 0 | 28 | 01 | 1 | 0 | 1 | 0 | 20 | 0 | 5 | 2 | 0 |
| Indore | 0530 | 567 | 1007.1 | 943.7 | -5.2 | 20.8 | 19.2 | 18.3 | 21.0 | 86 | +16 | 2.4 | -3.3 | 9.9 | 0 | 2 | 25 | 02 | 1 | 1 | 0 | 0 | 11 | 11 | 1 | 3 | 0 |
| | 0830 | 567 | 1008.2 | 945.3 | +1.6 | 24.1 | 21.0 | 19.3 | 22.7 | 77 | - 8 | 3.6 | -2.0 | 11.1 | 0 | 5 | 20 | 00 | 2 | 1 | 0 | 0 | 6 | 10 | 6 | 5 | 0 |
| | 1130 | 567 | 1007.2 | 945.2 | .. | 27.5 | 22.0 | 18.5 | 22.4 | 59 | .. | 3.7 | .. | 13.6 | 0 | 7 | 21 | 00 | 3 | 4 | 0 | 0 | 5 | 9 | 6 | 2 | 1 |
| | 1730 | 567 | 1004.0 | 942.2 | +1.4 | 28.1 | 21.4 | 17.5 | 20.5 | 58 | - 9 | 3.9 | -1.9 | 15.3 | 0 | 8 | 22 | 01 | 8 | 3 | 0 | 0 | 6 | 11 | 1 | 0 | 0 |
| | 2330 | 567 | 1007.5 | 944.4 | .. | 22.7 | 19.8 | 18.1 | 20.9 | 77 | .. | 2.1 | .. | 10.4 | 0 | 1 | 29 | 02 | 2 | 1 | 0 | 2 | 9 | 12 | 2 | 0 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1008.7 | 975.8 | +1.7 | 25.0 | 22.6 | 21.2 | 25.5 | 81 | - 7 | 3.4 | -2.5 | 9.1 | 0 | 2 | 25 | 00 | 0 | 3 | 0 | 2 | 2 | 20 | 0 | 3 | 0 |
| | 1730 | 293 | 1004.7 | 972.5 | +1.5 | 30.6 | 23.2 | 19.3 | 22.4 | 53 | -16 | 3.5 | -1.9 | 9.3 | 0 | 2 | 26 | 00 | 0 | 2 | 0 | 0 | 0 | 26 | 0 | 2 | 0 |
| Chhindwara | 0830 | 685 | 1007.6 | 932.3 | +2.0 | 24.0 | 20.9 | 19.3 | 22.4 | 76 | - 6 | 4.1 | -0.9 | 5.5 | 0 | 0 | 26 | 04 | 3 | 1 | 1 | 2 | 1 | 8 | 6 | 4 | 0 |
| | 1730 | 685 | 1003.4 | 929.3 | +1.7 | 27.6 | 21.4 | 18.2 | 20.9 | 59 | -13 | 5.6 | -0.2 | 9.1 | 0 | 0 | 28 | 04 | 2 | 5 | 0 | 2 | 0 | 11 | 4 | 2 | 0 |
| Seoni | 0830 | 619 | 1007.4 | 939.3 | +2.0 | 24.8 | 21.6 | 20.0 | 23.4 | 75 | - 6 | 3.9 | -1.4 | 5.9 | 0 | 0 | 28 | 03 | 4 | 3 | 0 | 1 | 6 | 4 | 7 | 2 | 0 |
| | 1730 | 619 | 1003.5 | 936.3 | +1.7 | 27.7 | 22.3 | 19.6 | 22.9 | 64 | - 8 | 5.1 | -1.0 | 8.4 | 0 | 0 | 30 | 07 | 5 | 3 | 3 | 2 | 3 | 3 | 4 | 0 | 0 |
| Betul | 0830 | 653 | 1008.1 | 936.1 | +1.7 | 24.1 | 21.4 | 20.1 | 23.5 | 79 | - 6 | 4.2 | -1.9 | 2.8 | 0 | 0 | 25 | 02 | 5 | 2 | 2 | 0 | 3 | 3 | 8 | 5 | 0 |
| | 1730 | 653 | 1003.8 | 932.9 | +1.6 | 27.4 | 21.9 | 19.0 | 22.2 | 62 | -13 | 5.0 | -1.6 | 4.4 | 0 | 0 | 29 | 05 | 7 | 1 | 1 | 1 | 0 | 6 | 8 | 1 | 0 |
| Khandwa | 0830 | 318 | 1008.3 | 972.6 | +1.8 | 25.5 | 22.1 | 20.1 | 23.8 | 73 | - 9 | 3.3 | -1.8 | 2.5 | 0 | 0 | 24 | 00 | 3 | 0 | 1 | 2 | 10 | 0 | 8 | 6 | 0 |
| | 1730 | 318 | 1004.1 | 969.1 | +1.7 | 30.1 | 22.4 | 17.9 | 20.8 | 52 | -14 | 4.9 | -0.8 | 3.3 | 0 | 0 | 30 | 00 | 7 | 0 | 2 | 0 | 12 | 0 | 9 | 0 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1005.5 | 969.8 | .. | 23.2 | 21.2 | 20.1 | 23.5 | 83 | .. | 2.8 | .. | 2.1 | 0 | 0 | 18 | 01 | 1 | 2 | 1 | 1 | 4 | 7 | 1 | 12 | 0 |
| | 0830 | 317 | 1006.9 | 971.5 | +2.1 | 27.1 | 22.6 | 20.2 | 23.8 | 67 | -15 | 2.6 | -1.9 | 2.6 | 0 | 0 | 24 | 00 | 1 | 3 | 1 | 2 | 0 | 17 | 0 | 6 | 0 |
| | 1130 | 317 | 1006.1 | 971.3 | .. | 31.2 | 23.1 | 18.7 | 21.6 | 49 | .. | 3.9 | .. | 3.6 | 0 | 0 | 26 | 01 | 2 | 3 | 1 | 0 | 2 | 11 | 6 | 4 | 0 |
| | 1430 | 317 | 1003.4 | 968.8 | .. | 32.4 | 23.1 | 17.5 | 20.6 | 44 | .. | 4.3 | .. | 2.9 | 0 | 0 | 27 | 03 | 2 | 2 | 0 | 3 | 2 | 5 | 10 | 3 | 0 |
| | 1730 | 317 | 1003.0 | 968.1 | +1.7 | 30.6 | 22.9 | 18.4 | 21.6 | 51 | -21 | 3.6 | -1.6 | 3.2 | 0 | 0 | 24 | 01 | 2 | 3 | 0 | 0 | 2 | 3 | 13 | 6 | 0 |
| | 2330 | 317 | 1005.7 | 970.3 | .. | 25.4 | 22.1 | 20.2 | 23.8 | 74 | .. | 1.6 | .. | 1.1 | 0 | 0 | 8 | 00 | 2 | 1 | 1 | 1 | 2 | 1 | 0 | 22 | 0 |
| Rewa | 0830 | 299 | 1006.5 | 973.3 | .. | 27.7 | 22.8 | 20.2 | 23.8 | 64 | .. | 2.8 | .. | 4.5 | 0 | 0 | 28 | 02 | 2 | 1 | 1 | 2 | 7 | 6 | 7 | 2 | 0 |
| | 1730 | 299 | 1002.6 | 969.9 | .. | 31.9 | 23.0 | 17.7 | 20.8 | 46 | .. | 3.0 | .. | 4.8 | 0 | 0 | 29 | 05 | 6 | 2 | 1 | 1 | 2 | 4 | 8 | 1 | 0 |
| Sidhi | 0830 | H272 | 1006.0 | 975.7 | +2.7 | 27.3 | 23.6 | 21.8 | 25.9 | 72 | -10 | . | .. | 1.3 | 0 | 0 | 18 | 00 | 0 | 9 | 0 | 6 | 0 | 3 | 0 | 12 | 0 |
| | 1730 | 272 | 1002.2 | 972.4 | +2.5 | 31.3 | 26.0 | 23.6 | 29.3 | 65 | - 8 | . | .. | 1.9 | 0 | 0 | 27 | 05 | 1 | 4 | 0 | 6 | 0 | 11 | 0 | 3 | 0 |
| Umaria | 0830 | 459 | 1007.3 | 956.5 | +2.3 | 26.3 | 22.5 | 20.7 | 24.4 | 72 | - 9 | 4.1 | -1.4 | 4.9 | 0 | 0 | 26 | 02 | 2 | 1 | 3 | 2 | 4 | 8 | 3 | 4 | 1 |
| | 1730 | 459 | 1003.0 | 953.1 | +1.9 | 30.1 | 23.4 | 20.2 | 23.8 | 57 | -19 | 3.6 | -2.4 | 3.5 | 0 | 1 | 29 | 05 | 5 | 4 | 0 | 0 | 5 | 8 | 3 | 0 | 0 |
| Jabalpur | 0530 | 393 | 1006.2 | 962.2 | .. | 23.1 | 21.6 | 20.8 | 24.6 | 87 | .. | 3.9 | .. | 2.2 | 0 | 0 | 16 | 00 | 3 | 1 | 3 | 4 | 2 | 3 | 0 | 14 | 0 |
| | 0830 | 393 | 1007.5 | 963.9 | +2.2 | 26.3 | 22.9 | 21.1 | 25.2 | 73 | - 9 | 3.1 | -2.3 | 3.7 | 0 | 0 | 21 | 00 | 2 | 0 | 3 | 2 | 2 | 11 | 1 | 9 | 0 |
| | 1130 | 393 | 1006.5 | 963.5 | .. | 30.4 | 23.8 | 20.3 | 24.1 | 56 | .. | 3.4 | .. | 5.4 | 0 | 0 | 29 | 01 | 5 | 3 | 2 | 2 | 3 | 6 | 7 | 1 | 0 |
| | 1430 | 393 | 1003.5 | 960.8 | .. | 32.1 | 23.9 | 19.5 | 22.9 | 49 | .. | 3.8 | .. | 5.7 | 0 | 0 | 30 | 06 | 7 | 0 | 0 | 1 | 4 | 8 | 4 | 0 | 0 |
| | 1730 | 393 | 1003.1 | 960.3 | +2.1 | 30.7 | 23.6 | 19.8 | 23.2 | 54 | -17 | 4.2 | -1.7 | 4.0 | 0 | 0 | 28 | 04 | 9 | 1 | 0 | 2 | 3 | 4 | 5 | 2 | 0 |
| | 2030 | 393 | 1005.6 | 962.1 | .. | 26.8 | 23.0 | 21.0 | 24.9 | 72 | .. | 3.0 | .. | 2.1 | 0 | 0 | 11 | 00 | 1 | 3 | 0 | 2 | 3 | 1 | 1 | 19 | 0 |
| | 2330 | 393 | 1006.2 | 962.5 | .. | 25.1 | 22.5 | 21.1 | 25.2 | 80 | .. | 3.3 | .. | 2.3 | 0 | 0 | 13 | 00 | 1 | 1 | 0 | 2 | 4 | 5 | 0 | 17 | 0 |
| Ambikapur | 0830 | 611 | 1006.8 | 939.9 | +1.9 | 26.0 | 22.4 | 20.7 | 24.4 | 73 | -12 | 2.5 | -1.9 | 5.3 | 0 | 1 | 22 | 07 | 2 | 2 | 2 | 3 | 3 | 3 | 1 | 7 | 0 |
| | 1730 | 611 | 1002.9 | 936.7 | +1.5 | 28.1 | 22.8 | 20.3 | 23.8 | 64 | -14 | 4.7 | +0.0 | 9.4 | 0 | 2 | 26 | 08 | 9 | 2 | 1 | 1 | 2 | 3 | 2 | 2 | 0 |
| Jashpurnagar | 0830 | H779 | 1006.4 | 921.9 | .. | 25.2 | 21.7 | 20.0 | 23.4 | 73 | .. | 2.5 | .. | 1.6 | 0 | 0 | 2[illegible] | 00 | 15 | 0 | 0 | 0 | 4 | 0 | 4 | 7 | 0 |
| | 1730 | 779 | 1002.5 | 918.6 | .. | 26.4 | 22.2 | 20.2 | 23.7 | 70 | .. | 4.6 | .. | 1.9 | 0 | 0 | 27 | 00 | 11 | 0 | 2 | 0 | 10 | 0 | 4 | 3 | 0 |
| Pendra | 0530 | 625 | 1006.3 | 937.1 | .. | 22.1 | 20.4 | 19.4 | 22.5 | 85 | .. | 4.1 | .. | 4.9 | 0 | 3 | 15 | 09 | 1 | 0 | 0 | 3 | 0 | 1 | 4 | 12 | 0 |
| | 0830 | 625 | 1007.1 | 938.6 | +1.9 | 25.5 | 21.9 | 20.2 | 23.7 | 73 | -11 | 3.1 | -1.3 | 6.5 | 0 | 1 | 21 | 13 | 1 | 1 | 1 | 1 | 1 | 1 | 3 | 8 | 0 |
| | 1130 | 625 | 1005.9 | 938.2 | .. | 28.7 | 22.8 | 19.9 | 23.5 | 60 | .. | 3.3 | .. | 8.6 | 0 | 3 | 26 | 13 | 3 | 3 | 1 | 4 | 1 | 2 | 2 | 1 | 0 |
| | 1430 | 625 | 1003.3 | 935.8 | .. | 28.7 | 22.7 | 19.9 | 23.1 | 59 | .. | 4.2 | .. | 7.9 | 0 | 2 | 24 | 12 | 3 | 1 | 1 | 2 | 3 | 1 | 3 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOUR - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km p.h.) 62 or more | Wind Speed (Km p.h.) 20 to 61 | Wind Speed (Km p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pendra (Contd.) | 1730 | 625 | 1003.4 | 935.5 | +1.7 | 26.9 | 22.5 | 20.3 | 24.0 | 69 | -11 | 4.1 | -2.3 | 4.6 | 0 | 0 | 17 | 06 | 1 | 1 | 1 | 3 | 4 | 1 | 0 | 13 | 0 |
| | 2330 | 625 | 1006.5 | 937.6 | .. | 23.4 | 21.0 | 19.8 | 23.1 | 80 | .. | 3.0 | .. | 3.7 | 0 | 2 | 15 | 03 | 1 | 0 | 2 | 3 | 4 | 1 | 3 | 13 | 0 |
| Mandla | 0830 | 443 | 1007.4 | 958.3 | +2.0 | 25.3 | 22.6 | 21.3 | 25.3 | 79 | - 7 | 3.2 | -2.2 | 2.4 | 0 | 0 | 10 | 05 | 1 | 0 | 0 | 3 | 0 | 0 | 1 | 20 | 0 |
| | 1730 | 443 | 1003.2 | 954.9 | +1.7 | 29.1 | 23.2 | 19.7 | 23.5 | 57 | -18 | 3.7 | -2.1 | 0.5 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 27 | 0 |
| Champa | 0830 | 245 | 1007.1 | 979.7 | +1.8 | 27.2 | 24.4 | 22.9 | 28.3 | 78 | - 5 | 4.2 | -1.9 | 2.8 | 0 | 0 | 18 | 11 | 1 | 1 | 1 | 0 | 0 | 4 | 0 | 12 | 0 |
| | 1730 | 245 | 1003.2 | 976.4 | +1.5 | 29.9 | 24.9 | 22.7 | 27.4 | 67 | - 8 | 4.7 | -2.0 | 3.2 | 0 | 0 | 25 | 05 | 0 | 3 | 1 | 2 | 4 | 6 | 4 | 5 | 0 |
| Raigarh | 0830 | 220 | 1007.0 | 982.5 | +2.2 | 28.3 | 24.7 | 23.0 | 28.3 | 73 | -10 | 3.8 | -2.4 | 3.3 | 0 | 0 | 30 | 04 | 10 | 0 | 4 | 2 | 7 | 3 | 0 | 0 | 0 |
| | 1730 | 220 | 1002.9 | 978.5 | +1.5 | 29.7 | 25.0 | 22.6 | 27.9 | 67 | - 7 | 5.4 | -1.1 | 2.1 | 0 | 0 | 23 | 03 | 6 | 0 | 0 | 1 | 8 | 1 | 4 | 7 | 0 |
| Raipur | 0530 | 298 | 1005.7 | 972.2 | .. | 24.8 | 23.3 | 22.6 | 27.3 | 88 | .. | 5.0 | .. | 2.7 | 0 | 0 | 19 | 02 | 1 | 1 | 1 | 3 | 4 | 5 | 2 | 11 | 0 |
| | 0830 | 298 | 1007.2 | 974.0 | +1.9 | 27.4 | 24.0 | 22.3 | 27.1 | 74 | - 8 | 4.3 | -1.3 | 4.2 | 0 | 0 | 24 | 04 | 4 | 1 | 1 | 0 | 2 | 7 | 5 | 6 | 0 |
| | 1130 | 298 | 1006.4 | 973.6 | .. | 30.5 | 24.5 | 21.6 | 25.8 | 60 | .. | 4.7 | .. | 6.5 | 0 | 0 | 28 | 06 | 7 | 1 | 1 | 1 | 1 | 6 | 5 | 2 | 0 |
| | 1430 | 298 | 1003.4 | 970.9 | .. | 31.9 | 24.4 | 20.6 | 24.4 | 52 | .. | 5.1 | .. | 6.0 | 0 | 0 | 27 | 05 | 7 | 2 | 1 | 0 | 3 | 2 | 7 | 3 | 0 |
| | 1730 | 298 | 1003.3 | 970.5 | +1.7 | 29.9 | 24.1 | 21.2 | 25.3 | 62 | -12 | 5.3 | -0.7 | 5.8 | 0 | 0 | 28 | 05 | 7 | 2 | 0 | 3 | 3 | 3 | 5 | 2 | 0 |
| | 2030 | 298 | 1005.6 | 972.4 | .. | 27.6 | 24.0 | 22.2 | 25.3 | 73 | .. | 4.2 | .. | 3.7 | 0 | 0 | 20 | 01 | 3 | 1 | 0 | 2 | 4 | 5 | 4 | 10 | 0 |
| | 2330 | 298 | 1006.1 | 972.8 | .. | 26.4 | 23.8 | 22.5 | 27.4 | 80 | .. | 3.5 | .. | 5.5 | 0 | 0 | 26 | 01 | 5 | 1 | 0 | 6 | 5 | 6 | 2 | 4 | 0 |
| Kanker | 0830 | 402 | 1007.2 | 962.8 | +1.5 | 26.5 | 23.9 | 22.7 | 27.6 | 80 | - 2 | 5.1 | -0.5 | 1.4 | 0 | 0 | 10 | 00 | 1 | 0 | 0 | 0 | 5 | 0 | 4 | 20 | 0 |
| | 1730 | 402 | 1003.2 | 959.3 | +1.1 | 29.2 | 25.2 | 23.4 | 28.8 | 72 | - 5 | 5.6 | -0.9 | 2.2 | 0 | 0 | 17 | 00 | 3 | 0 | 0 | 0 | 10 | 1 | 3 | 13 | 0 |
| Jagdalpur | 0530 | 553 | 1005.8 | 944.6 | .. | 22.8 | 21.6 | 21.1 | 24.9 | 90 | .. | 6.1 | .. | 2.7 | 0 | 1 | 8 | 00 | 1 | 0 | 0 | 1 | 5 | 2 | 0 | 21 | 0 |
| | 0830 | 553 | 1007.1 | 946.3 | +1.3 | 25.3 | 22.7 | 21.5 | 25.6 | 80 | - 5 | 5.3 | -0.7 | 4.2 | 0 | 1 | 16 | 03 | 0 | 1 | 0 | 2 | 6 | 3 | 2 | 13 | 0 |
| | 1130 | 553 | 1005.7 | 945.6 | .. | 28.3 | 23.3 | 20.9 | 24.9 | 66 | .. | 5.4 | .. | 7.3 | 0 | 2 | 23 | 04 | 3 | 2 | 0 | 0 | 7 | 3 | 6 | 5 | 0 |
| | 1430 | 553 | 1003.1 | 943.2 | .. | 28.5 | 23.1 | 20.6 | 24.3 | 64 | .. | 6.0 | .. | 9.1 | 0 | 2 | 25 | 08 | 5 | 0 | 0 | 1 | 5 | 3 | 5 | 3 | 0 |
| | 1730 | 553 | 1003.5 | 943.2 | +1.3 | 26.8 | 22.9 | 21.0 | 25.0 | 72 | - 8 | 6.6 | -0.1 | 4.3 | 0 | 0 | 17 | 03 | 1 | 0 | 1 | 0 | 7 | 2 | 3 | 13 | 0 |
| | 2030 | 553 | 1006.0 | 945.2 | .. | 25.0 | 22.5 | 21.4 | 25.3 | 81 | .. | 5.0 | .. | 2.1 | 0 | 0 | 10 | 00 | 2 | 0 | 0 | 1 | 4 | 2 | 1 | 20 | 0 |
| | 2330 | 553 | 1006.4 | 945.4 | .. | 24.2 | 22.4 | 21.6 | 25.8 | 84 | .. | 4.8 | .. | 1.8 | 0 | 0 | 7 | 00 | 2 | 0 | 0 | 1 | 2 | 2 | 0 | 23 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1008.1 | 992.5 | +1.7 | 25.7 | 22.8 | 21.2 | 25.3 | 77 | 2 | 2.4 | -1.8 | 6.5 | 0 | 0 | 29 | 02 | 3 | 5 | 2 | 6 | 3 | 2 | 6 | 1 | 0 |
| | 1730 | 136 | 1004.1 | 989.0 | +1.3 | 33.0 | 24.0 | 19.4 | 22.5 | 46 | -10 | 3.4 | -0.9 | 7.8 | 0 | 1 | 28 | 01 | 0 | 2 | 1 | 8 | 7 | 6 | 4 | 1 | 0 |
| Radhanpur | 0830 | 30 | 1007.8 | 1004.4 | +2.3 | 27.0 | 24.1 | 22.7 | 27.6 | 78 | - 7 | . | .. | 4.2 | 0 | 0 | 30 | 04 | 0 | 1 | 1 | 4 | 12 | 2 | 6 | 0 | 0 |
| | 1730 | 30 | 1004.1 | 1000.7 | +1.5 | 33.1 | 24.1 | 19.2 | 22.7 | 47 | -22 | . | .. | 4.6 | 0 | 0 | 30 | 00 | 1 | 3 | 0 | 2 | 19 | 2 | 3 | 0 | 0 |
| Idar | 0830 | 219 | 1007.9 | 983.3 | +1.7 | 26.3 | 22.5 | 20.2 | 24.1 | 72 | -13 | 3.0 | -2.3 | 2.2 | 0 | 0 | 21 | 05 | 1 | 0 | 0 | 0 | 4 | 8 | 3 | 9 | 0 |
| | 1730 | 219 | 1004.3 | 980.2 | +1.7 | 31.0 | 23.6 | 19.6 | 23.1 | 54 | -11 | 3.1 | -2.2 | 2.4 | 0 | 0 | 25 | 01 | 0 | 2 | 1 | 1 | 10 | 10 | 0 | 5 | 0 |
| Ahmadabad | 0230 | 55 | 1006.5 | 1000.2 | .. | 25.6 | 23.2 | 22.0 | 26.4 | 81 | .. | 2.2 | .. | 8.7 | 0 | 0 | 25 | 02 | 1 | 0 | 0 | 0 | 7 | 11 | 4 | 5 | 0 |
| | 0530 | 55 | 1006.5 | 1000.2 | .. | 24.5 | 22.6 | 21.6 | 25.9 | 84 | .. | 2.6 | .. | 7.0 | 0 | 0 | 24 | 01 | 1 | 0 | 2 | 1 | 6 | 5 | 8 | 6 | 0 |
| | 0830 | 55 | 1008.2 | 1001.9 | +1.1 | 26.5 | 23.5 | 22.0 | 26.4 | 77 | - 3 | 3.2 | -1.4 | 10.5 | 0 | 2 | 26 | 03 | 2 | 1 | 1 | 2 | 7 | 5 | 7 | 2 | 0 |
| | 1130 | 55 | 1008.3 | 1002.1 | .. | 31.1 | 24.7 | 21.4 | 25.9 | 58 | .. | 3.6 | .. | 13.3 | 0 | 3 | 27 | 04 | 1 | 2 | 1 | 0 | 5 | 11 | 6 | 0 | 0 |
| | 1430 | 55 | 1005.9 | 999.7 | .. | 33.5 | 24.7 | 20.3 | 23.8 | 48 | .. | 3.7 | .. | 11.5 | 0 | 0 | 29 | 03 | 2 | 0 | 2 | 0 | 6 | 9 | 7 | 1 | 0 |
| | 1730 | 55 | 1004.7 | 998.5 | +1.0 | 33.1 | 24.6 | 20.2 | 23.8 | 49 | -11 | 2.3 | -2.0 | 10.6 | 0 | 2 | 26 | 02 | 3 | 2 | 2 | 2 | 6 | 7 | 4 | 2 | 0 |
| | 2030 | 55 | 1005.9 | 999.7 | .. | 28.5 | 24.3 | 22.2 | 26.9 | 69 | .. | 1.9 | .. | 5.9 | 0 | 2 | 13 | 00 | 0 | 0 | 1 | 6 | 6 | 2 | 0 | 15 | 0 |
| | 2330 | 55 | 1007.1 | 1000.8 | .. | 26.9 | 23.8 | 22.3 | 26.9 | 76 | .. | 2.3 | .. | 7.0 | 0 | 1 | 19 | 00 | 1 | 0 | 0 | 3 | 10 | 5 | 1 | 10 | 0 |
| Dohad | 0830 | 333 | 1008.3 | 971.0 | +1.0 | 25.3 | 22.2 | 20.4 | 24.1 | 75 | -10 | 3.2 | -2.3 | 12.3 | 0 | 5 | 20 | 00 | 0 | 2 | 0 | 1 | 10 | 9 | 3 | 5 | 0 |
| | 1730 | 333 | 1004.3 | 967.8 | +1.0 | 30.3 | 22.7 | 18.2 | 21.3 | 51 | -13 | 3.1 | -1.0 | 13.8 | 0 | 6 | 24 | 02 | 2 | 0 | 0 | 1 | 4 | 14 | 7 | 0 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1008.1 | 1003.2 | .. | 25.2 | 23.5 | 22.7 | 27.6 | 86 | .. | 2.2 | .. | 5.5 | 0 | 1 | 23 | 01 | 2 | 1 | 1 | 1 | 12 | 2 | 4 | 6 | 0 |
| | 1730 | 44 | 1004.6 | 999.7 | .. | 32.2 | 25.1 | 21.7 | 25.9 | 57 | .. | 2.7 | .. | 4.0 | 0 | 2 | 22 | 02 | 2 | 0 | 1 | 2 | 8 | 3 | 6 | 6 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1008.5 | 1004.2 | +1.2 | 26.5 | 24.6 | 23.8 | 29.3 | 85 | + 2 | 2.6 | -2.4 | 9.2 | 0 | 1 | 21 | 02 | 1 | 0 | 2 | 2 | 9 | 4 | 2 | 8 | 0 |
| | 1130 | 38 | 1008.4 | 1004.2 | .. | 30.9 | 25.6 | 23.2 | 28.6 | 65 | .. | 3.2 | .. | 10.8 | 0 | 3 | 22 | 02 | 4 | 1 | 0 | 0 | 9 | 5 | 4 | 5 | 0 |
| | 1730 | 38 | 1004.7 | 1000.5 | +1.1 | 31.6 | 25.9 | 23.1 | 28.6 | 61 | - 2 | 2.7 | -2.0 | 12.1 | 0 | 3 | 23 | 04 | 3 | 0 | 2 | 1 | 9 | 5 | 2 | 4 | 0 |
| Baroda | 0530 | 34 | 1006.9 | 1002.9 | .. | 24.5 | 23.2 | 22.5 | 27.3 | 89 | .. | 1.9 | .. | 2.9 | 0 | 0 | 20 | 00 | 0 | 4 | 0 | 0 | 11 | 2 | 3 | 10 | 0 |
| | 0830 | 34 | 1008.7 | 1004.7 | +1.0 | 26.4 | 24.6 | 23.7 | 29.5 | 86 | - 1 | 2.3 | -2.3 | 2.3 | 0 | 0 | 22 | 00 | 4 | 0 | 1 | 0 | 5 | 11 | 1 | 8 | 0 |
| | 1130 | 34 | 1008.7 | 1004.8 | .. | 31.7 | 25.7 | 22.9 | 28.1 | 62 | .. | 3.3 | .. | 3.3 | 0 | 0 | 26 | 01 | 6 | 0 | 2 | 0 | 7 | 9 | 1 | 4 | 0 |
| | 1730 | 34 | 1005.0 | 1001.1 | +1.1 | 32.9 | 25.4 | 21.9 | 26.3 | 54 | -13 | 2.2 | -2.0 | 2.3 | 0 | 0 | 23 | 00 | 4 | 1 | 0 | 0 | 6 | 4 | 8 | 7 | 0 |
| | 2330 | 34 | 1007.5 | 1003.5 | .. | 26.4 | 24.0 | 22.9 | 27.9 | 82 | .. | 2.1 | .. | 2.7 | 0 | 0 | 16 | 00 | 0 | 0 | 0 | 0 | 12 | 4 | 0 | 14 | 0 |
| Broach | 0830 | 17 | .. | 1005.8 | +0.8 | .. | .. | .. | .. | .. | .. | 2.9 | -1.5 | 4.7 | 0 | 0 | 30 | 00 | 4 | 0 | 2 | 2 | 13 | 6 | 3 | 0 | 0 |
| | 1730 | 17 | .. | 1002.5 | +0.8 | .. | .. | .. | .. | .. | .. | 1.9 | -2.5 | 7.1 | 0 | 1 | 29 | 00 | 3 | 0 | 0 | 0 | 25 | 1 | 1 | 0 | 0 |
| Surat | 0530 | 12 | 1006.8 | 1005.5 | .. | 25.3 | 24.0 | 23.3 | 28.6 | 88 | .. | 2.2 | .. | 5.3 | 0 | 0 | 23 | 00 | 4 | 0 | 5 | 0 | 13 | 0 | 1 | 7 | 0 |
| | 0830 | 12 | 1008.7 | 1007.4 | +0.8 | 26.8 | 24.7 | 23.7 | 29.3 | 84 | - 1 | 2.9 | -2.9 | 6.1 | 0 | 0 | 28 | 00 | 6 | 0 | 6 | 1 | 8 | 0 | 7 | 2 | 0 |
| | 1130 | 12 | 1009.0 | 1007.7 | .. | 30.6 | 25.5 | 23.2 | 28.4 | 66 | .. | 4.0 | .. | 8.7 | 0 | 0 | 30 | 00 | 8 | 0 | 2 | 0 | 12 | 0 | 8 | 0 | 0 |
| | 1730 | 12 | 1005.4 | 1004.1 | +0.6 | 31.3 | 25.4 | 22.5 | 27.6 | 61 | -11 | 2.4 | -2.6 | 9.7 | 0 | 0 | 30 | 00 | 5 | 0 | 0 | 0 | 22 | 0 | 3 | 0 | 0 |
| | 2330 | 12 | 1007.7 | 1006.4 | .. | 27.1 | 24.8 | 23.6 | 29.3 | 82 | .. | 2.3 | .. | 8.4 | 0 | 0 | 30 | 00 | 6 | 0 | 0 | 0 | 23 | 0 | 1 | 0 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1007.5 | 1005.1 | +2.4 | 26.7 | 24.5 | 23.5 | 28.9 | 83 | - 4 | 2.8 | -1.9 | 9.7 | 0 | 6 | 17 | 00 | 1 | 0 | 0 | 0 | 18 | 4 | 0 | 7 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya (Contd.) | 1730 | 21 | 1005.1 | 1002.7 | +2.1 | 30.5 | 25.5 | 23.2 | 28.6 | 65 | -10 | 3.4 | -1.7 | 15.7 | 0 | 9 | 21 | 00 | 0 | 0 | 0 | 0 | 20 | 10 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1006.2 | 997.1 | .. | 25.7 | 23.4 | 22.1 | 26.9 | 82 | .. | 0.9 | .. | 8.9 | 0 | 2 | 17 | 00 | 0 | 0 | 0 | 0 | 10 | 9 | 0 | 11 | 0 |
| | 0530 | 80 | 1006.4 | 997.2 | .. | 24.8 | 23.1 | 22.3 | 26.9 | 87 | .. | 0.8 | .. | 7.7 | 0 | 2 | 14 | 00 | 0 | 0 | 0 | 0 | 8 | 6 | 2 | 14 | 0 |
| | 0830 | 80 | 1007.7 | 998.6 | +0.8 | 26.6 | 24.1 | 22.9 | 27.9 | 80 | + 3 | 2.1 | -1.3 | 12.9 | 0 | 5 | 18 | 00 | 0 | 0 | 0 | 0 | 9 | 12 | 2 | 7 | 0 |
| | 1130 | 80 | 1007.7 | 998.8 | .. | 31.8 | 24.1 | 20.2 | 23.7 | 52 | .. | 3.2 | .. | 19.5 | 0 | 14 | 14 | 02 | 1 | 1 | 0 | 0 | 11 | 10 | 3 | 2 | 0 |
| | 1430 | 80 | 1005.3 | 996.4 | .. | 34.3 | 24.1 | 18.4 | 21.6 | 42 | .. | 3.4 | .. | 18.7 | 0 | 15 | 11 | 00 | 2 | 0 | 0 | 0 | 14 | 7 | 3 | 4 | 0 |
| | 1730 | 80 | 1004.3 | 995.4 | +0.7 | 33.2 | 24.1 | 19.4 | 22.5 | 46 | - 8 | 3.2 | -0.5 | 21.7 | 0 | 14 | 16 | 01 | 1 | 0 | 1 | 1 | 16 | 9 | 1 | 0 | 0 |
| | 2030 | 80 | 1006.1 | 997.1 | .. | 29.3 | 23.8 | 20.8 | 25.0 | 62 | .. | 1.4 | .. | 18.8 | 0 | 14 | 15 | 00 | 0 | 0 | 0 | 0 | 14 | 13 | 2 | 1 | 0 |
| | 2330 | 80 | 1007.1 | 998.0 | .. | 27.0 | 23.7 | 21.9 | 26.6 | 76 | .. | 1.2 | .. | 12.9 | 0 | 3 | 22 | 00 | 0 | 0 | 0 | 0 | 15 | 10 | 0 | 5 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1008.1 | 1004.2 | .. | 27.6 | 23.9 | 22.2 | 26.6 | 73 | .. | 2.5 | .. | 14.9 | 0 | 10 | 13 | 01 | 0 | 0 | 0 | 0 | 14 | 4 | 4 | 7 | 0 |
| | 1130 | 35 | 1008.1 | 1004.3 | .. | 32.0 | 24.2 | 20.2 | 23.8 | 52 | .. | 2.9 | .. | 18.5 | 0 | 9 | 20 | 01 | 2 | 1 | 0 | 1 | 19 | 2 | 3 | 1 | 0 |
| | 1730 | 35 | 1004.4 | 1000.6 | .. | 34.1 | 24.0 | 18.5 | 21.6 | 42 | .. | 2.3 | .. | 25.5 | 0 | 18 | 12 | 00 | 2 | 1 | 0 | 6 | 18 | 2 | 1 | 0 | 0 |
| New Kandla | 0830 | 14 | 1008.4 | 1006.8 | +2.1 | 27.3 | 24.1 | 22.4 | 27.4 | 75 | - 6 | 3.0 | -1.4 | 14.5 | 0 | 7 | 22 | 02 | 0 | 0 | 1 | 1 | 5 | 12 | 8 | 1 | 0 |
| | 1730 | 14 | 1005.2 | 1003.6 | +1.8 | 32.3 | 24.6 | 20.6 | 24.7 | 52 | -12 | 2.4 | -1.9 | 26.9 | 0 | 20 | 10 | 01 | 1 | 1 | 1 | 1 | 13 | 12 | 0 | 0 | 0 |
| Mandvi | 0830 | 9 | 1008.0 | 1006.9 | +1.8 | 27.6 | 24.7 | 23.4 | 28.6 | 78 | - 9 | 4.4 | -0.3 | 14.5 | 0 | 7 | 22 | 02 | 0 | 0 | 0 | 0 | 13 | 5 | 9 | 1 | 0 |
| | 1730 | 9 | 1005.5 | 1004.4 | +1.7 | 29.4 | 26.2 | 24.6 | 31.3 | 74 | - 8 | 3.1 | -1.2 | 23.3 | 0 | 24 | 6 | 00 | 0 | 0 | 0 | 0 | 17 | 13 | 0 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1008.2 | 999.8 | +1.8 | 26.8 | 24.3 | 23.1 | 28.3 | 80 | - 4 | 2.8[b] | -1.5 | 9.2[b] | 0 | 3 | 24 | 01 | 0 | 0 | 1 | 1 | 5 | 13 | 6 | 2 | 0 |
| | 1730 | 74 | 1004.4 | 996.1 | +1.5 | 33.4 | 24.6 | 19.9 | 23.7 | 48 | -10 | 3.6 | -1.6 | 8.9 | 0 | 5 | 16 | 00 | 0 | 2 | 0 | 0 | 3 | 10 | 5 | 9 | 1 |
| Okha | 0530 | 7 | 1006.9 | 1006.1 | .. | 26.0 | 24.9 | 24.3 | 30.7 | 91 | .. | 1.3 | .. | 14.0 | 0 | 6 | 23 | 02 | 0 | 0 | 0 | 4 | 12 | 8 | 3 | 1 | 0 |
| | 0830 | 7 | 1008.5 | 1007.7 | .. | 27.0 | 25.2 | 24.4 | 30.5 | 85 | .. | 2.8 | .. | 16.1 | 0 | 10 | 20 | 03 | 0 | 0 | 0 | 4 | 10 | 8 | 5 | 0 | 0 |
| | 1130 | 7 | 1009.2 | 1008.4 | .. | 28.6 | 25.5 | 24.2 | 30.2 | 78 | .. | 3.1 | .. | 19.9 | 0 | 13 | 17 | 01 | 0 | 0 | 0 | 0 | 6 | 15 | 8 | 0 | 0 |
| | 1730 | 7 | 1006.2 | 1005.4 | .. | 28.6 | 25.9 | 24.7 | 31.1 | 79 | .. | 2.7 | .. | 21.7 | 0 | 18 | 12 | 01 | 0 | 0 | 0 | 0 | 9 | 11 | 9 | 0 | 0 |
| | 2330 | 7 | 1008.1 | 1007.3 | .. | 26.6 | 25.2 | 24.5 | 30.9 | 89 | .. | 0.9 | .. | 15.9 | 0 | 4 | 26 | 00 | 0 | 0 | 0 | 0 | 12 | 11 | 7 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1006.7 | 1004.4 | .. | 23.7 | 23.0 | 22.7 | 27.6 | 93 | .. | 1.8 | .. | 11.6 | 0 | 3 | 25 | 00 | 1 | 0 | 0 | 13 | 8 | 5 | 1 | 2 | 0 |
| | 0830 | 20 | 1007.9 | 1005.6 | +0.8 | 26.9 | 24.9 | 24.1 | 29.8 | 82 | + 1 | 2.4 | -2.0 | 13.9 | 0 | 6 | 20 | 01 | 0 | 0 | 0 | 8 | 12 | 2 | 3 | 4 | 0 |
| | 1130 | 20 | 1008.2 | 1005.9 | .. | 30.9 | 25.6 | 23.1 | 28.6 | 65 | .. | 3.5 | .. | 18.7 | 0 | 12 | 18 | 05 | 2 | 0 | 0 | 0 | 6 | 11 | 5 | 0 | 1 |
| | 1730 | 20 | 1005.2 | 1003.0 | +1.5 | 30.4 | 25.7 | 23.6 | 29.5 | 68 | + 0 | 2.6 | -1.6 | 22.7 | 0 | 20 | 10 | 02 | 0 | 0 | 0 | 0 | 2 | 14 | 11 | 0 | 1 |
| | 2330 | 20 | 1007.4 | 1005.1 | .. | 26.0 | 24.4 | 23.8 | 29.3 | 88 | .. | 1.2 | .. | 15.0 | 0 | 2 | 27 | 00 | 0 | 1 | 0 | 4 | 11 | 11 | 2 | 1 | 0 |
| Dwarka | 0830 | 11 | 1008.5 | 1007.2 | +1.0 | 27.4 | .. | .. | .. | .. | .. | 2.7 | -2.0 | 14.8 | 0 | 7 | 23 | 00 | 0 | 0 | 0 | 2 | 7 | 19 | 2 | 0 | 0 |
| | 1730 | 11 | 1005.9 | 1004.7 | +0.9 | 28.7 | .. | .. | .. | .. | .. | 2.7 | -1.3 | 17.7 | 0 | 14 | 16 | 01 | 0 | 0 | 0 | 1 | 8 | 17 | 3 | 0 | 0 |
| Rajkot | 0530 | 138 | 1006.9 | 991.2 | .. | 23.4 | 22.4 | 21.9 | 26.3 | 92 | .. | 2.7 | .. | 9.4 | 0 | 3 | 18 | 01 | 0 | 0 | 0 | 5 | 8 | 4 | 3 | 9 | 0 |
| | 0830 | 138 | 1008.4 | 992.8 | +1.0 | 25.8 | 24.0 | 23.0 | 28.4 | 86 | + 1 | 1.7 | -2.5 | 14.1 | 0 | 9 | 15 | 01 | 0 | 0 | 0 | 2 | 12 | 4 | 5 | 6 | 0 |
| | 1130 | 138 | 1008.2 | 992.9 | .. | 30.8 | 25.6 | 23.2 | 28.6 | 66 | .. | 1.9 | .. | 20.2 | 0 | 12 | 18 | 05 | 1 | 0 | 0 | 0 | 10 | 5 | 7 | 0 | 2 |
| | 1430 | 138 | 1005.5 | 990.4 | .. | 33.3 | 25.5 | 21.9 | 26.3 | 53 | .. | 2.3 | .. | 18.7 | 0 | 11 | 16 | 00 | 4 | 1 | 1 | 1 | 8 | 4 | 5 | 3 | 3 |
| | 1730 | 138 | 1004.5 | 989.4 | +1.0 | 32.4 | 25.3 | 21.8 | 26.4 | 57 | + 0 | 2.1 | -3.0 | 21.8 | 0 | 20 | 8 | 01 | 5 | 0 | 0 | 0 | 7 | 3 | 10 | 2 | 2 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1008.7 | 1007.5 | +0.9 | 27.2 | 23.6 | 21.8 | 26.1 | 73 | - 1 | 2.6 | -2.0 | 14.3 | 0 | 6 | 23 | 04 | 0 | 0 | 0 | 0 | 11 | 5 | 9 | 1 | 0 |
| | 1130 | 11 | 1008.8 | 1007.6 | .. | 31.8 | 24.3 | 20.4 | 24.3 | 52 | .. | 3.4 | .. | 18.3 | 0 | 11 | 18 | 02 | 7 | 1 | 1 | 1 | 7 | 5 | 4 | 1 | 1 |
| | 1730 | 11 | 1005.0 | 1003.8 | +0.7 | 32.6 | 24.2 | 19.6 | 23.4 | 50 | -13 | 3.5 | -1.9 | 22.2 | 0 | 17 | 13 | 01 | 5 | 3 | 4 | 11 | 3 | 2 | 1 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1008.5 | 1007.7 | +1.6 | 27.4 | 24.7 | 23.5 | 28.9 | 79 | -10 | 2.9 | -1.7 | 13.3 | 0 | 5 | 24 | 03 | 1 | 0 | 2 | 3 | 11 | 3 | 6 | 1 | 0 |
| | 1130 | 7 | 1008.9 | 1008.1 | .. | 31.1 | 24.9 | 21.7 | 26.4 | 61 | .. | 2.6 | .. | 16.8 | 0 | 11 | 19 | 03 | 2 | 1 | 0 | 1 | 14 | 4 | 4 | 0 | 1 |
| | 1730 | 7 | 1005.8 | 1005.0 | +1.0 | 29.9 | 25.3 | 23.2 | 28.4 | 69 | -11 | 2.0 | -3.2 | 21.3 | 0 | 20 | 10 | 00 | 0 | 0 | 0 | 0 | 18 | 12 | 0 | 0 | 0 |
| Keshod | 0830 | 51 | 1008.6 | 1002.8 | +1.4 | 26.8 | 24.0 | 22.7 | 27.6 | 79 | - 8 | 2.3 | -2.0 | 11.9 | 0 | 4 | 25 | 01 | 9 | 1 | 0 | 1 | 6 | 9 | 2 | 1 | 0 |
| | 1130 | 51 | 1008.9 | 1003.1 | .. | 31.1 | 24.3 | 20.9 | 24.7 | 56 | .. | 3.4 | .. | 19.7 | 0 | 17 | 13 | 05 | 5 | 1 | 0 | 1 | 8 | 9 | 1 | 0 | 0 |
| | 1730 | 51 | 1005.6 | 999.9 | +0.9 | 31.7 | 24.1 | 20.1 | 23.8 | 53 | -16 | 2.4 | -1.8 | 23.6 | 0 | 23 | 7 | 02 | 1 | 0 | 0 | 0 | 12 | 14 | 1 | 0 | 0 |
| Mahuva | 0830 | 9 | 1008.1 | 1007.1 | .. | 25.3 | 23.4 | 22.3 | 27.3 | 84 | .. | 1.9 | .. | 2.3 | 0 | 0 | 19 | 03 | 2 | 0 | 0 | 0 | 1 | 6 | 7 | 11 | 0 |
| Veraval | 1730 | 9 | 1005.5 | 1004.5 | .. | 30.9 | 25.8 | 23.4 | 28.9 | 67 | .. | 3.7 | .. | 7.0 | 0 | 2 | 27 | 00 | 0 | 3 | 3 | 5 | 13 | 5 | 0 | 1 | 0 |
| | 0230 | 8 | 1007.1 | 1006.2 | .. | 26.3 | 24.6 | 23.7 | 29.7 | 86 | .. | 2.2 | .. | 17.7 | 0 | 11 | 15 | 05 | 2 | 0 | 0 | 0 | 5 | 9 | 5 | 4 | 0 |
| | 0530 | 8 | 1007.0 | 1006.1 | .. | 25.3 | 23.7 | 22.9 | 27.9 | 87 | .. | 3.2 | .. | 15.2 | 0 | 12 | 15 | 08 | 3 | 0 | 0 | 0 | 3 | 9 | 4 | 3 | 0 |
| | 0830 | 8 | 1008.7 | 1007.8 | +0.6 | 27.0 | 24.8 | 23.8 | 29.5 | 83 | - 3 | 3.2 | -1.5 | 13.7 | 0 | 7 | 18 | 06 | 4 | 0 | 0 | 0 | 3 | 8 | 4 | 5 | 0 |
| | 1130 | 8 | 1009.1 | 1008.3 | .. | 30.8 | 26.0 | 23.7 | 29.7 | 69 | .. | 2.9 | .. | 17.6 | 0 | 13 | 17 | 03 | 3 | 0 | 0 | 0 | 7 | 14 | 3 | 0 | 0 |
| | 1430 | 8 | 1007.1 | 1006.2 | .. | 30.5 | 27.0 | 25.5 | 32.6 | 75 | .. | 2.5 | .. | 21.3 | 0 | 19 | 11 | 00 | 0 | 0 | 0 | 2 | 5 | 18 | 5 | 0 | 0 |
| | 1730 | 8 | 1006.1 | 1005.2 | +0.7 | 29.2 | 26.6 | 25.5 | 32.6 | 81 | - 3 | 2.9 | -1.1 | 21.9 | 0 | 21 | 9 | 00 | 0 | 0 | 0 | 1 | 6 | 17 | 6 | 0 | 0 |
| | 2030 | 8 | 1007.5 | 1006.6 | .. | 27.7 | 25.6 | 24.7 | 31.1 | 84 | .. | 1.6 | .. | 18.1 | 0 | 26 | 4 | 01 | 0 | 0 | 0 | 0 | 4 | 17 | 8 | 0 | 0 |
| | 2330 | 8 | 1008.2 | 1007.3 | .. | 27.1 | 25.2 | 24.4 | 30.4 | 85 | .. | 2.1 | .. | 18.1 | 0 | 15 | 15 | 03 | 1 | 0 | 0 | 0 | 4 | 14 | 8 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1008.7 | 1008.2 | +1.1 | 26.0 | 24.7 | 24.1 | 30.0 | 90 | + 3 | 2.3 | -3.2 | 12.0 | 1 | 4 | 25 | 00 | 0 | 9 | 12 | 1 | 4 | 2 | 2 | 0 | 0 |
| | 1730 | 5 | 1006.3 | 1005.8 | +1.1 | 29.2 | 26.8 | 25.5 | 33.2 | 82 | + 3 | 2.1[d] | -2.9 | 15.9[d] | 0 | 11 | 16 | 04 | 0 | 3 | 0 | 1 | 11 | 4 | 4 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1007.4 | 1005.7 | .. | 25.6 | 24.1 | 23.5 | 28.9 | 88 | .. | 4.3 | .. | 5.1 | 0 | 3 | 10 | 01 | 2 | 3 | 1 | 0 | 1 | 4 | 1 | 17 | 0 |
| | 0530 | 14 | 1007.4 | 1005.7 | .. | 25.0 | 23.9 | 23.3 | 28.6 | 90 | .. | 4.4 | .. | 6.1 | 0 | 2 | 14 | 00 | 2 | 5 | 3 | 0 | 0 | 5 | 1 | 14 | 0 |
| | 0830 | 14 | 1009.1 | 1007.5 | +0.8 | 26.9 | 24.8 | 23.9 | 29.7 | 84 | - 2 | 4.9 | -1.1 | 6.5 | 0 | 3 | 16 | 00 | 4 | 3 | 3 | 3 | 1 | 3 | 2 | 11 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Santacruz) (Contd.)..... | 1130 | 14 | 1009.3 | 1007.7 | .. | 29.8 | 25.4 | 23.4 | 28.8 | 70 | .. | 5.3 | .. | 10.9 | 0 | 4 | 22 | 03 | 4 | 1 | 0 | 1 | 6 | 6 | 5 | 4 | 0 |
| | 1430 | 14 | 1006.9 | 1005.3 | .. | 30.2 | 25.9 | 24.0 | 30.0 | 70 | .. | 4.8 | .. | 15.8 | 0 | 7 | 22 | 02 | 0 | 1 | 0 | 0 | 3 | 9 | 14 | 1 | 0 |
| | 1730 | 14 | 1006.2 | 1004.6 | +0.5 | 29.0 | 25.2 | 23.5 | 28.9 | 73 | - 2 | 4.9 | -0.9 | 14.8 | 0 | 4 | 25 | 02 | 0 | 0 | 0 | 0 | 4 | 6 | 17 | 1 | 0 |
| | 2030 | 14 | 1008.0 | 1006.3 | .. | 26.8 | 24.5 | 23.5 | 28.9 | 83 | .. | 4.2 | .. | 7.6 | 0 | 1 | 23 | 05 | 1 | 0 | 1 | 0 | 3 | 6 | 8 | 6 | 0 |
| | 2330 | 14 | 1008.5 | 1006.8 | .. | 26.1 | 24.4 | 23.7 | 29.3 | 86 | .. | 4.4 | .. | 6.5 | 0 | 2 | 19 | 04 | 1 | 2 | 1 | 1 | 5 | 5 | 2 | 9 | 0 |
| Bombay ..... | 0830 | 11 | 1009.1 | 1007.9 | +0.7 | 27.3 | 25.2 | 24.3 | 30.4 | 84 | - 1 | 4.9 | -0.8 | 9.2 | 0 | 3 | 25 | 01 | 6 | 5 | 4 | 2 | 4 | 5 | 1 | 2 | 0 |
| | 1130 | 11 | 1009.3 | 1008.1 | .. | 29.9 | 26.0 | 24.3 | 30.4 | 73 | .. | 4.3 | .. | 7.7 | 0 | 2 | 25 | 02 | 0 | 3 | 5 | 2 | 4 | 7 | 4 | 3 | 0 |
| | 1730 | 11 | 1006.3 | 1005.1 | +0.3 | 29.1 | 25.6 | 24.1 | 30.0 | 75 | - 5 | 4.5 | -0.9 | 11.9 | 0 | 0 | 30 | 01 | 1 | 0 | 0 | 0 | 4 | 10 | 14 | 0 | 0 |
| Alibag ..... | 0830 | 7 | 1008.9 | 1008.1 | +0.0 | 26.9 | 25.3 | 24.7 | 30.9 | 88 | + 2 | 5.2 | -0.5 | 6.2 | 0 | 4 | 10 | 02 | 2 | 1 | 3 | 0 | 1 | 2 | 2 | 16 | 1 |
| Bhira ..... | 0830 | 96 | 1008.8 | 997.9 | .. | 25.0 | 23.9 | 23.4 | 28.8 | 91 | .. | 4.9 | .. | 0.5 | 0 | 0 | 6 | 01 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 24 | 0 |
| | 1730 | 96 | 1005.5 | 994.8 | .. | 28.4 | 25.1 | 23.7 | 29.3 | 77 | .. | 6.1 | .. | 1.5 | 0 | 0 | 16 | 00 | 0 | 0 | 2 | 0 | 7 | 5 | 2 | 14 | 0 |
| Harnai ..... | 0830 | 20 | 1009.2 | 1006.9 | +0.7 | 26.4 | 24.6 | 23.7 | 29.5 | 86 | - 1 | 6.3 | +0.4 | 7.0 | 0 | 1 | 25 | 02 | 2 | 6 | 1 | 5 | 4 | 3 | 2 | 4 | 1 |
| | 1730 | 20 | 1006.7 | 1004.4 | +0.6 | 27.7 | 25.6 | 24.7 | 31.1 | 84 | + 2 | 5.9 | +0.0 | 15.9 | 0 | 9 | 21 | 08 | 0 | 0 | 1 | 4 | 2 | 7 | 8 | 0 | 0 |
| Ratnagiri ..... | 0830 | 35 | 1009.3 | 1005.3 | +0.5 | 26.1 | 24.5 | 23.8 | 29.5 | 87 | - 1 | 5.7 | +0.3 | 6.9 | 0 | 3 | 22 | 00 | 2 | 8 | 7 | 0 | 2 | 3 | 3 | 5 | 0 |
| | 1730 | 35 | 1006.7 | 1002.8 | +0.5 | 27.5 | 25.3 | 24.3 | 30.4 | 82 | + 1 | 5.2 | -0.3 | 10.9 | 0 | 4 | 25 | 01 | 0 | 1 | 0 | 0 | 3 | 12 | 10 | 1 | 2 |
| Devgarh ..... | 0830 | 36 | 1009.4 | 1005.4 | +0.5 | 25.6 | 24.5 | 24.0 | 29.8 | 91 | + 2 | 5.3 | -0.6 | 7.8 | 0 | 2 | 27 | 02 | 3 | 9 | 2 | 2 | 4 | 4 | 3 | 1 | 0 |
| | 1730 | 36 | 1006.8 | 1002.8 | +0.4 | 27.6 | 25.8 | 24.7 | 31.7 | 85 | + 2 | 5.7 | -0.2 | 19.4 | 0 | 12 | 18 | 00 | 1 | 0 | 0 | 1 | 4 | 7 | 17 | 0 | 0 |
| Vengurla ..... | 0230 | 9 | 1008.6 | 1007.6 | .. | 24.6 | 24.0 | 23.7 | 29.3 | 95 | .. | 4.5 | .. | 1.5 | 0 | 0 | 7 | 02 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 23 | 0 |
| | 0530 | 9 | 1008.2 | 1007.2 | .. | 24.1 | 23.7 | 23.5 | 28.9 | 96 | .. | 4.9 | .. | 1.5 | 0 | 0 | 9 | 04 | 0 | 1 | 0 | 0 | 1 | 2 | 1 | 21 | 0 |
| | 0830 | 9 | 1010.1 | 1009.1 | +0.6 | 25.6 | 24.6 | 24.1 | 30.0 | 91 | + 2 | 5.0 | -1.0 | 2.0 | 0 | 0 | 14 | 07 | 0 | 0 | 1 | 0 | 4 | 0 | 2 | 16 | 0 |
| | 1130 | 9 | 1010.0 | 1009.0 | .. | 28.4 | 25.5 | 24.3 | 30.4 | 79 | .. | 5.1 | .. | 4.9 | 0 | 0 | 27 | 02 | 0 | 0 | 0 | 4 | 14 | 6 | 1 | 3 | 0 |
| | 1730 | 9 | 1007.2 | 1006.2 | +0.4 | 27.2 | 25.0 | 24.1 | 29.8 | 84 | + 3 | 6.3 | +0.1 | 6.0 | 0 | 0 | 28 | 02 | 0 | 1 | 1 | 1 | 6 | 12 | 5 | 2 | 0 |
| | 2330 | 9 | 1009.5 | 1008.5 | .. | 25.1 | 24.4 | 24.1 | 30.0 | 94 | .. | 4.7 | .. | 1.8 | 0 | 0 | 10 | 05 | 0 | 1 | 0 | 0 | 2 | 1 | 1 | 20 | 0 |
| Panjim ..... | 0530 | 60 | 1008.0 | 1001.2 | .. | 24.4 | 23.6 | 23.3 | 28.4 | 93 | .. | 5.2 | .. | 7.2 | 0 | 1 | 26 | 04 | 5 | 8 | 2 | 1 | 1 | 4 | 2 | 3 | 0 |
| | 0830 | 60 | 1009.8 | 1003.0 | .. | 25.5 | 24.2 | 23.6 | 29.3 | 89 | .. | 5.8 | .. | 5.7 | 0 | 0 | 23 | 04 | 4 | 5 | 2 | 2 | 2 | 3 | 1 | 7 | 0 |
| | 1130 | 60 | 1009.7 | 1003.0 | .. | 28.5 | 25.2 | 23.7 | 29.3 | 76 | .. | 5.8 | .. | 9.7 | 0 | 1 | 28 | 02 | 0 | 1 | 3 | 0 | 2 | 16 | 5 | 1 | 0 |
| | 1430 | 60 | 1007.4 | 1000.7 | .. | 29.0 | 25.1 | 23.4 | 28.6 | 73 | .. | 5.4 | .. | 15.5 | 0 | 7 | 23 | 01 | 0 | 0 | 1 | 0 | 3 | 16 | 9 | 0 | 0 |
| | 1730 | 60 | 1006.9 | 1000.1 | .. | 27.3 | 24.7 | 23.5 | 28.9 | 81 | .. | 6.3 | .. | 13.7 | 0 | 4 | 26 | 03 | 0 | 2 | 0 | 2 | 1 | 9 | 13 | 0 | 0 |
| | 2030 | 60 | 1008.8 | 1002.0 | .. | 25.7 | 24.1 | 23.4 | 28.8 | 87 | .. | 5.6 | .. | 8.7 | 0 | 0 | 29 | 06 | 1 | 4 | 1 | 3 | 0 | 6 | 8 | 1 | 0 |
| | 2330 | 60 | 1009.4 | 1002.6 | .. | 25.3 | 24.1 | 23.5 | 28.9 | 90 | .. | 5.2 | .. | 6.1 | 0 | 0 | 26 | 07 | 2 | 5 | 0 | 0 | 2 | 4 | 6 | 4 | 0 |
| Mormugao ..... | 0530 | 62 | 1007.3 | 1000.3 | .. | 25.1 | 24.2 | 23.7 | 29.3 | 92 | .. | 5.4 | .. | 13.7 | 0 | 0 | 28 | 01 | 5 | 2 | 7 | 0 | 5 | 3 | 5 | 2 | 0 |
| | 0830 | 62 | 1008.9 | 1002.0 | -0.8 | 26.1 | 24.6 | 23.9 | 29.7 | 87 | + 0 | 5.8 | +0.4 | 10.8 | 0 | 2 | 28 | 02 | 5 | 5 | 3 | 1 | 6 | 5 | 3 | 0 | 0 |
| | 1130 | 62 | 1008.9 | 1002.0 | .. | 27.6 | 25.2 | 24.2 | 30.0 | 82 | .. | 5.4 | .. | 12.5 | 0 | 0 | 30 | 00 | 1 | 0 | 1 | 0 | 9 | 6 | 13 | 0 | 0 |
| | 1730 | 62 | 1006.1 | 999.2 | -0.8 | 27.2 | 25.3 | 24.5 | 30.7 | 85 | + 1 | 6.0 | +0.6 | 16.7 | 0 | 0 | 30 | 01 | 1 | 0 | 0 | 2 | 5 | 10 | 11 | 0 | 0 |
| Dabolim (Naval Air Station) ..... | 0530 | 52 | 1008.2 | 1002.3 | .. | 24.7 | 23.9 | 23.5 | 28.9 | 93 | .. | 6.1 | .. | .. | 0 | 1 | 13 | 03 | 3 | 1 | 0 | 2 | 0 | 4 | 1 | 16 | 0 |
| | 0830 | 52 | 1009.9 | 1004.1 | .. | 25.9 | 24.3 | 23.6 | 29.1 | 87 | .. | 5.6 | .. | .. | 0 | 8 | 18 | 03 | 6 | 2 | 0 | 2 | 1 | 4 | 2 | 10 | 0 |
| | 1130 | 52 | 1009.9 | 1004.1 | .. | 28.2 | 25.0 | 23.6 | 29.1 | 77 | .. | 5.8 | .. | .. | 0 | 6 | 23 | 04 | 1 | 1 | 1 | 1 | 4 | 9 | 8 | 1 | 0 |
| | 1730 | 52 | 1007.0 | 1001.2 | .. | 27.5 | 24.9 | 23.8 | 29.3 | 81 | .. | 6.1 | .. | .. | 0 | 12 | 17 | 05 | 1 | 0 | 1 | 1 | 1 | 8 | 12 | 1 | 0 |
| | 2330 | 52 | 1009.6 | 1003.7 | .. | 26.0 | 24.5 | 23.9 | 29.7 | 90 | .. | 6.1 | .. | .. | 0 | 9 | 20 | 10 | 1 | 2 | 0 | 0 | 0 | 5 | 2 | 10 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar ..... | 0830 | 206 | 1008.7 | 985.4 | +1.5 | 26.1 | 23.1 | 21.4 | 25.8 | 77 | - 8 | 1.2 | -4.1 | 10.4 | 0 | 3 | 27 | 02 | 0 | 3 | 0 | 0 | 19 | 3 | 3 | 0 | 0 |
| | 1730 | 206 | 1004.5 | 981.8 | +0.9 | 31.4 | 23.5 | 18.9 | 22.5 | 52 | -22 | 1.1 | -4.5 | 11.9 | 0 | 5 | 25 | 04 | 2 | 2 | 0 | 0 | 8 | 11 | 3 | 0 | 0 |
| Jalgaon ..... | 0830 | 201 | 1008.2 | 985.5 | +1.2 | 25.2 | 22.8 | 21.5 | 25.8 | 80 | - 6 | 4.7 | -0.2 | 11.2 | 0 | 4 | 24 | 01 | 1 | 2 | 2 | 1 | 5 | 12 | 4 | 2 | 0 |
| | 1730 | 201 | 1004.1 | 981.9 | +1.1 | 31.5 | 23.4 | 18.9 | 22.1 | 51 | - 9 | 5.3 | +0.1 | 12.7 | 0 | 3 | 25 | 04 | 4 | 3 | 1 | 1 | 2 | 8 | 5 | 2 | 0 |
| Malegaon ..... | 0830 | 437 | 1009.1 | 940.3 | +1.6 | 24.7 | 21.3 | 19.4 | 22.5 | 73 | - 4 | 4.6 | -0.2 | 5.7 | 0 | 0 | 30 | 03 | 2 | 0 | 2 | 1 | 4 | 7 | 11 | 0 | 0 |
| | 1730 | 437 | 1004.4 | 956.7 | +1.0 | 29.6 | 21.9 | 16.9 | 20.0 | 50 | -13 | 6.3 | +0.4 | 10.7 | 0 | 1 | 29 | 04 | 9 | 2 | 3 | 0 | 3 | 3 | 6 | 0 | 0 |
| Omar ..... | 0530 | 608 | 1007.8 | 939.9 | .. | 20.6 | 19.7 | 19.2 | 22.4 | 91 | .. | 4.2 | .. | 8.1 | 0 | 3 | 12 | 00 | 2 | 1 | 0 | 0 | 1 | 6 | 5 | 11 | 0 |
| | 0830 | 608 | 1008.9 | 941.7 | .. | 23.9 | 21.1 | 19.7 | 22.9 | 78 | .. | 4.0 | .. | 10.2 | 0 | 5 | 18 | 01 | 1 | 2 | 2 | 0 | 0 | 10 | 7 | 7 | 0 |
| | 1130 | 608 | 1007.8 | 941.7 | .. | 28.2 | 21.6 | 17.8 | 20.9 | 56 | .. | 4.4 | .. | 17.5 | 0 | 9 | 20 | 01 | 3 | 4 | 3 | 2 | 5 | 7 | 4 | 1 | 0 |
| | 1430 | 608 | 1004.8 | 939.1 | .. | 29.7 | 21.7 | 17.4 | 20.0 | 50 | .. | 5.3 | .. | 23.4 | 0 | 16 | 14 | 00 | 3 | 6 | 1 | 1 | 2 | 12 | 5 | 0 | 0 |
| | 1730 | 608 | 1004.6 | 938.6 | .. | 28.0 | 21.4 | 17.9 | 20.6 | 59 | .. | 5.2 | .. | 24.0 | 1 | 18 | 11 | 00 | 4 | 3 | 1 | 1 | 1 | 12 | 8 | 0 | 0 |
| Ahmadnagar ..... | 0830 | 657 | 1009.4 | 936.7 | +1.3 | 23.0 | 20.9 | 19.8 | 23.2 | 83 | + 2 | 5.9 | +0.8 | 5.4 | 0 | 0 | 23 | 07 | 3 | 0 | 1 | 0 | 6 | 0 | 6 | 7 | 0 |
| | 1730 | 657 | 1004.3 | 933.3 | +1.2 | 28.0 | 21.7 | 18.3 | 21.3 | 58 | - 4 | 7.2 | +1.2 | 9.8 | 0 | 3 | 27 | 00 | 13 | 0 | 2 | 0 | 7 | 0 | 8 | 0 | 0 |
| Poona (Aerodrome) ..... | 0230 | 593 | 1008.1 | 941.8 | .. | 21.5 | 20.6 | 20.1 | 23.5 | 92 | .. | 4.6 | .. | 6.7 | 0 | 0 | 21 | 00 | 4 | 0 | 0 | 0 | 4 | 12 | 1 | 9 | 0 |
| | 0530 | 593 | 1008.1 | 941.8 | .. | 20.9 | 20.1 | 19.8 | 23.1 | 93 | .. | 4.1 | .. | 6.0 | 0 | 1 | 17 | 00 | 3 | 0 | 0 | 0 | 1 | 14 | 0 | 12 | 0 |
| | 0830 | 593 | 1009.2 | 943.3 | .. | 22.9 | 21.3 | 20.4 | 24.1 | 85 | .. | 4.8 | .. | 11.2 | 0 | 6 | 16 | 00 | 1 | 3 | 0 | 0 | 2 | 15 | 1 | 8 | 0 |
| | 1130 | 593 | 1008.4 | 943.2 | .. | 26.4 | 22.1 | 20.1 | 23.5 | 69 | .. | 5.5 | .. | 17.1 | 0 | 11 | 16 | 00 | 5 | 5 | 1 | 0 | 3 | 12 | 1 | 3 | 0 |
| | 1730 | 593 | 1005.2 | 940.3 | .. | 26.3 | 21.9 | 19.8 | 23.1 | 65 | .. | 6.0 | .. | 20.5 | 0 | 19 | 9 | 01 | 3 | 1 | 1 | 0 | 1 | 18 | 2 | 2 | 1 |
| | 2330 | 593 | 1008.9 | 942.9 | .. | 22.2 | 21.1 | 20.6 | 24.3 | 91 | .. | 4.7 | .. | 11.5 | 0 | 2 | 26 | 00 | 1 | 1 | 0 | 0 | 2 | 22 | 2 | 2 | 0 |
| Poona ..... | 0530 | 559 | 1008.1 | 945.6 | .. | 21.1 | 20.2 | 19.7 | 22.9 | 92 | .. | 4.4 | .. | 1.5 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 3 | 3 | 0 | 24 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in Kpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poona (Contd.) | 0830 | 559 | 1009.4 | 947.3 | +1.0 | 23.5 | 21.4 | 20.4 | 23.8 | 83 | + 3 | 5.3 | -0.2 | 3.2 | 0 | 0 | 14 | 00 | 0 | 2 | 0 | 0 | 0 | 11 | 1 | 16 | 0 |
| | 1130 | 559 | 1008.4 | 947.1 | .. | 27.0 | 22.2 | 20.0 | 23.2 | 66 | .. | 5.7 | .. | 9.1 | 0 | 3 | 22 | 00 | 1 | 6 | 1 | 0 | 2 | 14 | 1 | 5 | 0 |
| | 1430 | 559 | 1005.4 | 944.6 | .. | 28.6 | 22.4 | 19.3 | 22.5 | 59 | .. | 6.1 | .. | 10.8 | 0 | 5 | 22 | 01 | 1 | 5 | 1 | 0 | 0 | 17 | 2 | 3 | 0 |
| | 1730 | 559 | 1005.4 | 944.1 | +0.6 | 26.1 | 21.8 | 19.6 | 22.9 | 69 | - 3 | 6.5 | +0.4 | 10.6 | 0 | 3 | 22 | 01 | 0 | 3 | 1 | 0 | 2 | 16 | 2 | 5 | 0 |
| | 2030 | 559 | 1008.2 | 946.1 | .. | 23.4 | 21.4 | 20.5 | 24.0 | 84 | .. | 5.5 | .. | 5.6 | 0 | 0 | 18 | 00 | 0 | 1 | 0 | 0 | 1 | 15 | 1 | 12 | 0 |
| | 2330 | 559 | 1008.8 | 946.6 | .. | 22.4 | 21.2 | 20.6 | 24.3 | 89 | .. | 5.2 | .. | 1.9 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 23 | 0 |
| Jeur | 0830 | 521 | 1008.9 | 951.0 | +1.2 | 23.7 | 21.9 | 21.0 | 25.0 | 85 | + 4 | 5.3 | +0.8 | 6.1 | 0 | 0 | 27 | 07 | 3 | 1 | 0 | 2 | 2 | 7 | 5 | 3 | 0 |
| | 1730 | 521 | 1004.0 | 947.2 | +1.1 | 28.7 | 22.3 | 19.0 | 22.2 | 56 | - 3 | 6.2 | +0.6 | 9.7 | 0 | 4 | 25 | 03 | 4 | 4 | 0 | 4 | 0 | 9 | 5 | 1 | 0 |
| Baramati | 0830 | 551 | 1008.9 | 947.8 | +1.3 | 24.1 | 21.9 | 20.9 | 24.7 | 83 | + 2 | 3.8 | -1.3 | 7.3 | 0 | 0 | 30 | 07 | 0 | 0 | 0 | 0 | 0 | 19 | 4 | 0 | 0 |
| | 1730 | 551 | 1004.5 | 944.5 | +1.4 | 28.0 | 23.1 | 20.8 | 24.7 | 67 | + 5 | 5.2 | -0.8 | 9.7 | 0 | 6 | 22 | 00 | 4 | 3 | 1 | 0 | 4 | 11 | 5 | 2 | 0 |
| Sholapur | 0530 | 479 | 1007.8 | 954.3 | .. | 22.4 | 21.2 | 20.6 | 24.3 | 90 | .. | 5.1 | .. | 4.0 | 0 | 0 | 22 | 02 | 1 | 2 | 2 | 0 | 5 | 4 | 6 | 8 | 0 |
| | 0830 | 479 | 1009.2 | 955.9 | +1.0 | 24.2 | 22.1 | 21.1 | 25.0 | 83 | + 3 | 5.3 | +0.2 | 4.8 | 0 | 0 | 25 | 11 | 0 | 0 | 3 | 0 | 5 | 4 | 2 | 5 | 0 |
| | 1130 | 479 | 1008.2 | 955.6 | .. | 28.5 | 23.4 | 21.1 | 25.0 | 65 | .. | 6.1 | .. | 9.5 | 0 | 0 | 28 | 03 | 7 | 0 | 4 | 0 | 5 | 5 | 4 | 2 | 0 |
| | 1430 | 479 | 1004.9 | 952.7 | .. | 29.7 | 23.4 | 20.4 | 24.1 | 59 | .. | 6.3 | .. | 9.7 | 0 | 1 | 29 | 08 | 4 | 1 | 2 | 2 | 4 | 3 | 6 | 0 | 0 |
| | 1730 | 479 | 1004.6 | 952.2 | +1.3 | 28.2 | 22.8 | 20.2 | 23.8 | 64 | + 6 | 6.7 | +0.6 | 5.3 | 0 | 0 | 29 | 05 | 2 | 5 | 1 | 1 | 2 | 7 | 6 | 1 | 0 |
| | 2330 | 479 | 1008.5 | 955.2 | .. | 24.1 | 21.8 | 20.6 | 24.4 | 82 | .. | 5.9 | .. | 5.0 | 0 | 0 | 24 | 03 | 3 | 0 | 5 | 1 | 2 | 8 | 2 | 6 | 0 |
| Miraj | 0830 | 554 | 1010.0 | 948.6 | +1.3 | 23.4 | 21.5 | 20.4 | 24.1 | 80 | - 6 | 5.8 | +0.0 | .. | 0 | E 0 | 11 | 00 | 0 | 1 | 1 | 0 | 0 | 9 | 0 | 19 | 0 |
| | 1730 | 554 | 1005.3 | 945.1 | +0.9 | 28.1 | 22.0 | 18.7 | 21.8 | 58 | - 8 | 6.9 | +0.9 | .. | 0 | E10 | 9 | 00 | 0 | 1 | 3 | 0 | 0 | 14 | 1 | 11 | 0 |
| Kolhapur | 0530 | 570 | 1008.1 | 944.5 | .. | 21.3 | 20.8 | 20.5 | 24.1 | 96 | .. | 4.9 | .. | 1.9 | 0 | 0 | 9 | 00 | 0 | 2 | 0 | 0 | 0 | 6 | 1 | 21 | 0 |
| | 0830 | 570 | 1009.2 | 946.0 | +0.6 | 22.9 | 21.6 | 20.9 | 24.7 | 89 | + 2 | 5.2 | -0.4 | 2.1 | 0 | 0 | 10 | 00 | 0 | 4 | 0 | 0 | 1 | 2 | 3 | 20 | 0 |
| | 1130 | 570 | 1008.5 | 946.0 | .. | 26.8 | 22.8 | 20.8 | 24.9 | 69 | .. | 5.0 | .. | 6.8 | 0 | 1 | 23 | 05 | 0 | 4 | 2 | 0 | 0 | 5 | 8 | 6 | 0 |
| | 1730 | 570 | 1005.5 | 943.1 | +0.6 | 26.2 | 22.5 | 20.7 | 24.4 | 73 | + 0 | 5.8 | -0.2 | 10.0 | 0 | 4 | 20 | 00 | 3 | 0 | 2 | 0 | 0 | 14 | 5 | 6 | 0 |
| | 2330 | 570 | 1009.1 | 945.7 | .. | 22.2 | 21.4 | 21.0 | 24.9 | 93 | .. | 5.0 | .. | 3.7 | 0 | 0 | 19 | 01 | 0 | 1 | 0 | 0 | 0 | 14 | 3 | 11 | 0 |
| Udigiri | 0830 | | .. | .. | .. | 21.1 | 19.4 | 18.8 | 21.3 | 87 | .. | . | .. | 13.3 | 0 | 5 | 25 | 03 | 6 | 6 | 0 | 0 | 1 | 10 | 4 | 0 | 0 |
| | 1730 | | .. | .. | .. | 21.3 | 20.1 | 19.6 | 22.7 | 91 | .. | . | .. | 11.6 | 0 | 1 | 29 | 02 | 1 | 2 | 0 | 0 | 3 | 19 | 3 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1009.2 | 944.9 | +1.1 | 24.3 | 21.6 | 19.9 | 23.8 | 77 | - 7 | 4.9 | -0.4 | 7.7 | 0 | 3 | 16 | 01 | 2 | 2 | 0 | 0 | 5 | 8 | 1 | 11 | 0 |
| | 1730 | 581 | 1004.5 | 941.4 | +1.0 | 28.3 | 21.5 | 17.7 | 20.6 | 55 | - 9 | 5.8 | -0.2 | 8.5 | 0 | 3 | 22 | 02 | 2 | 4 | 0 | 1 | 2 | 8 | 6 | 5 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1007.4 | 942.8 | .. | 21.5 | 19.5 | 18.5 | 21.1 | 83 | .. | 4.7 | .. | 6.1 | 0 | 1 | 15 | 01 | 0 | 3 | 0 | 0 | 2 | 8 | 2 | 14 | 0 |
| | 0530 | 579 | 1007.7 | 943.0 | .. | 21.0 | 19.4 | 18.5 | 21.3 | 85 | .. | 4.6 | .. | 6.9 | 0 | 2 | 16 | 00 | 0 | 1 | 0 | 0 | 2 | 14 | 1 | 12 | 0 |
| | 0830 | 579 | 1008.6 | 944.6 | +1.5 | 24.5 | 21.0 | 19.2 | 22.4 | 74 | - 6 | 4.5 | -0.9 | 8.1 | 0 | 1 | 19 | 01 | 0 | 1 | 1 | 0 | 1 | 12 | 4 | 10 | 0 |
| | 1130 | 579 | 1007.8 | 944.5 | .. | 27.4 | 21.3 | 17.8 | 20.8 | 58 | .. | 5.8 | .. | 16.9 | 0 | 10 | 18 | 01 | 3 | 4 | 2 | 0 | 3 | 9 | 6 | 2 | 0 |
| | 1430 | 579 | 1004.7 | 941.9 | .. | 29.1 | 21.2 | 16.1 | 19.4 | 49 | .. | 6.2 | .. | 14.3 | 0 | 5 | 23 | 01 | 4 | 3 | 2 | 0 | 2 | 8 | 8 | 2 | 0 |
| | 1730 | 579 | 1004.2 | 941.2 | +1.4 | 28.1 | 20.9 | 16.7 | 19.5 | 53 | -12 | 6.0 | -0.3 | 14.6 | 0 | 8 | 21 | 04 | 3 | 4 | 1 | 0 | 2 | 9 | 6 | 1 | 0 |
| | 2030 | 579 | 1007.1 | 943.2 | .. | 24.4 | 20.3 | 17.9 | 20.8 | 69 | .. | 5.2 | .. | 7.9 | 0 | 4 | 15 | 04 | 0 | 2 | 1 | 1 | 1 | 6 | 4 | 11 | 0 |
| | 2330 | 579 | 1008.2 | 943.8 | .. | 22.6 | 20.0 | 18.4 | 21.4 | 78 | .. | 5.0 | .. | 6.7 | 0 | 1 | 17 | 01 | 0 | 3 | 0 | 0 | 2 | 9 | 3 | 12 | 0 |
| Parbhani | 0830 | 423 | 1009.0 | 961.7 | +1.3 | 24.5 | 21.7 | 20.2 | 23.7 | 81 | + 0 | 5.2 | +0.1 | 9.7 | 0 | 2 | 26 | 06 | 2 | 2 | 1 | 1 | 1 | 8 | 7 | 2 | 0 |
| | 1730 | 423 | 1004.5 | 958.2 | +1.5 | 29.2 | 23.0 | 19.4 | 23.1 | 58 | - 4 | 6.1 | +0.0 | 9.6 | 0 | 3 | 26 | 07 | 5 | 3 | 2 | 1 | 1 | 6 | 4 | 1 | 0 |
| Nander | 0830 | 358 | 1008.5 | 968.4 | .. | 25.4 | 22.8 | 21.4 | 25.6 | 79 | .. | 4.5 | .. | 4.8 | 0 | 0 | 24 | 00 | 5 | 0 | 0 | 0 | 8 | 4 | 7 | 6 | 0 |
| | 1730 | 358 | 1005.1 | 965.7 | .. | 29.4 | 24.1 | 21.4 | 25.6 | 65 | .. | 4.6 | .. | 4.6 | 0 | 0 | 24 | 00 | 3 | 1 | 3 | 0 | 6 | 5 | 6 | 6 | 0 |
| Bir | 0830 | 519 | 1009.6 | 951.8 | .. | 23.8 | 21.7 | 20.6 | 24.4 | 82 | .. | 4.6 | .. | 6.7 | 0 | 0 | 25 | 00 | 3 | 0 | 0 | 0 | 6 | 0 | 16 | 5 | 0 |
| | 1730 | 519 | 1004.6 | 948.1 | .. | 29.0 | 22.3 | 18.8 | 22.1 | 57 | .. | 4.8 | .. | 7.8 | 0 | 0 | 27 | 00 | 7 | 0 | 1 | 0 | 5 | 0 | 14 | 3 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1007.4 | 972.5 | +1.8 | 26.7 | 23.5 | 22.0 | 26.3 | 76 | - 7 | 4.0 | -1.5 | 3.4 | 0 | 0 | 27 | 09 | 3 | 1 | 0 | 2 | 5 | 2 | 5 | 3 | 0 |
| | 1730 | 313 | 1003.9 | 969.4 | +1.9 | 29.0 | 24.0 | 21.5 | 25.8 | 66 | - 8 | 3.6 | -2.4 | 3.6 | 0 | 0 | 23 | 05 | 1 | 3 | 0 | 3 | 4 | 3 | 4 | 7 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1005.6 | 970.7 | .. | 23.9 | 22.4 | 21.6 | 25.8 | 87 | .. | 3.9 | .. | 4.5 | 0 | 0 | 21 | 04 | 1 | 0 | 0 | 1 | 2 | 4 | 9 | 9 | 0 |
| | 0530 | 310 | 1006.0 | 971.1 | .. | 23.3 | 21.9 | 21.2 | 25.2 | 88 | .. | 4.9 | .. | 4.8 | 0 | 1 | 22 | 02 | 0 | 0 | 0 | 1 | 2 | 6 | 12 | 7 | 0 |
| | 0830 | 310 | 1007.5 | 972.9 | +1.7 | 26.3 | 23.1 | 21.4 | 25.6 | 75 | - 6 | 4.4 | -1.3 | 7.9 | 0 | 1 | 26 | 05 | 3 | 1 | 1 | 1 | 3 | 4 | 9 | 3 | 0 |
| | 1130 | 310 | 1006.4 | 972.3 | .. | 30.4 | 24.2 | 21.1 | 25.3 | 59 | .. | 4.8 | .. | 9.4 | 0 | 4 | 24 | 05 | 4 | 2 | 0 | 0 | 3 | 3 | 11 | 2 | 0 |
| | 1430 | 310 | 1003.5 | 969.6 | .. | 31.3 | 24.1 | 20.3 | 24.1 | 54 | .. | 5.8 | .. | 5.3 | 0 | 6 | 24 | 04 | 4 | 1 | 1 | 0 | 4 | 5 | 11 | 0 | 0 |
| | 1730 | 310 | 1003.3 | 969.2 | +1.4 | 29.7 | 23.5 | 20.2 | 23.8 | 59 | -11 | 5.8 | -0.6 | 8.4 | 0 | 5 | 21 | 00 | 4 | 5 | 2 | 0 | 3 | 5 | 7 | 4 | 0 |
| | 2030 | 310 | 1005.8 | 971.2 | .. | 26.2 | 22.7 | 20.9 | 24.7 | 74 | .. | 3.8 | .. | 5.1 | 0 | 0 | 21 | 01 | 1 | 1 | 2 | 3 | 1 | 5 | 7 | 9 | 0 |
| | 2330 | 310 | 1006.5 | 971.7 | .. | 24.8 | 22.5 | 21.4 | 25.3 | 82 | .. | 3.5 | .. | 3.8 | 0 | 0 | 21 | 01 | 1 | 0 | 1 | 3 | 1 | 8 | 6 | 9 | 0 |
| Amraoti | 0830 | 370 | 1007.7 | 966.5 | +1.4 | 25.6 | 22.1 | 20.1 | 23.8 | 73 | - 8 | 4.5 | -0.9 | 2.5 | 0 | 0 | 24 | 04 | 5 | 0 | 0 | 0 | 4 | 7 | 4 | 6 | 0 |
| | 1730 | 370 | 1003.5 | 963.1 | +1.5 | 30.2 | 22.5 | 17.9 | 21.0 | 52 | -14 | 4.8 | -1.6 | 4.0 | 0 | 0 | 30 | 04 | 5 | 2 | 2 | 1 | 4 | 5 | 7 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1006.1 | 971.3 | .. | 23.1 | 20.9 | 19.3 | 22.9 | 81 | .. | 4.1 | .. | 7.3 | 0 | 1 | 24 | 01 | 1 | 2 | 0 | 0 | 5 | 9 | 7 | 5 | 0 |
| | 0830 | 309 | 1007.5 | 972.8 | .. | 25.5 | 22.3 | 20.6 | 24.1 | 75 | .. | 4.8 | .. | 7.9 | 0 | 0 | 29 | 01 | 3 | 1 | 1 | 1 | 4 | 9 | 9 | 1 | 0 |
| | 1130 | 309 | 1006.9 | 972.7 | .. | 29.7 | 23.3 | 20.0 | 23.4 | 58 | .. | 5.4 | .. | 8.9 | 0 | 0 | 30 | 01 | 3 | 1 | 1 | 0 | 3 | 9 | 12 | 0 | 0 |
| | 1430 | 309 | 1003.8 | 969.9 | .. | 31.4 | 23.1 | 18.2 | 21.4 | 49 | .. | 6.0 | .. | 10.7 | 0 | 0 | 30 | 01 | 6 | 1 | 0 | 0 | 4 | 6 | 12 | 0 | 0 |
| | 1730 | 309 | 1003.2 | 969.3 | .. | 30.5 | 25.5 | 17.7 | 20.8 | 51 | .. | 5.7 | .. | 9.0 | 0 | 0 | 30 | 01 | 4 | 1 | 0 | 0 | 2 | 8 | 14 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Akola (Aerodrome) (Contd.) | 2030 | 309 | 1005.6 | 971.2 | .. | 27.0 | 22.0 | 19.0 | 22.4 | 64 | .. | 4.1 | .. | 7.1 | 0 | 0 | 30 | 02 | 4 | 0 | 0 | 1 | 3 | 6 | 14 | 0 | 0 |
| | 2330 | 309 | 1006.3 | 971.7 | .. | 25.2 | 21.6 | 19.5 | 22.8 | 72 | .. | 3.8 | .. | 6.3 | 0 | 0 | 29 | 00 | 0 | 1 | 2 | 3 | 5 | 8 | 10 | 1 | 0 |
| Akola | 0830 | 282 | 1008.2 | 976.6 | +1.7 | 25.0 | 22.5 | 20.9 | 24.7 | 76 | - 5 | 4.8 | -0.1 | 1.8 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 2 | 16 | 2 | 10 | 0 |
| | 1730 | 282 | 1003.4 | 972.5 | +1.1 | 31.0 | 23.1 | 18.7 | 21.8 | 52 | -12 | 5.8 | +0.5 | 2.2 | 0 | 0 | 27 | 00 | 2 | 0 | 3 | 0 | 5 | 2 | 15 | 3 | 0 |
| Bramhapuri | 0830 | 229 | 1007.7 | 981.9 | +1.8 | 25.8 | 23.9 | 22.9 | 28.3 | 84 | - 2 | 4.8 | -0.9 | 4.9 | 0 | 0 | 28 | 07 | 2 | 3 | 1 | 4 | 3 | 1 | 7 | 2 | 0 |
| | 1730 | 229 | 1003.7 | 978.5 | +1.6 | 30.3 | 24.8 | 22.2 | 26.9 | 64 | -10 | 5.9 | -0.2 | 6.2 | 0 | 0 | 28 | 04 | 7 | 3 | 1 | 2 | 5 | 3 | 3 | 2 | 0 |
| Buldana | 0830 | 650 | 1008.2 | 936.4 | +1.4 | 23.3 | 20.7 | 19.4 | 22.5 | 79 | - 7 | 4.6 | -1.1 | 8.6 | 0 | 2 | 23 | 01 | 0 | 0 | 1 | 0 | 5 | 1 | 17 | 5 | 0 |
| | 1730 | 650 | 1003.6 | 933.4 | +1.3 | 27.4 | 21.1 | 17.8 | 20.4 | 55 | -14 | 5.6 | -0.3 | 6.9 | 0 | 0 | 29 | 04 | 3 | 0 | 1 | 0 | 2 | 0 | 19 | 1 | 0 |
| Yeotmal | 0830 | 451 | 1007.6 | 957.5 | +1.5 | 25.4 | 22.5 | 20.9 | 24.7 | 77 | - 7 | 5.2 | -0.2 | 9.6 | 0 | 1 | 29 | 05 | 3 | 2 | 0 | 1 | 2 | 7 | 10 | 0 | 0 |
| | 1730 | 451 | 1003.5 | 954.2 | +1.3 | 29.2 | 23.0 | 19.5 | 23.1 | 59 | -13 | 5.9 | -0.2 | 8.5 | 0 | 1 | 29 | 06 | 5 | 2 | 0 | 0 | 3 | 9 | 5 | 0 | 0 |
| Chandrapur | 0830 | 193 | 1007.4 | 985.7 | +1.2 | 26.0 | 23.7 | 22.6 | 27.4 | 82 | - 1 | 4.4 | -1.0 | 6.9 | 0 | 0 | 28 | 04 | 2 | 1 | 1 | 1 | 3 | 4 | 12 | 2 | 0 |
| | 1730 | 193 | 1003.6 | 982.2 | +1.2 | 29.3 | 24.6 | 22.3 | 26.9 | 67 | - 7 | 5.4 | -0.7 | 5.7 | 0 | 1 | 27 | 01 | 6 | 6 | 3 | 1 | 1 | 4 | 5 | 2 | 1 |
| Pusad | 0830 | 334 | 1008.8 | 971.4 | .. | 25.4 | 22.6 | 21.1 | 25.2 | 77 | .. | 5.1 | .. | 9.3 | 0 | 1 | 24 | 01 | 0 | 0 | 0 | 0 | 6 | 2 | 16 | 5 | 0 |
| | 1730 | 334 | 1005.2 | 968.6 | .. | 30.7 | 23.2 | 19.1 | 22.2 | 53 | .. | 6.0 | .. | 8.1 | 0 | 0 | 30 | 02 | 4 | 3 | 1 | 0 | 8 | 1 | 11 | 0 | 0 |
| Sironcha | 0830 | 123 | 1008.2 | 994.3 | +1.6 | 26.9 | 24.5 | 23.5 | 28.8 | 82 | - 3 | 4.5 | -1.2 | 2.2 | 0 | 0 | 24 | 03 | 2 | 0 | 4 | 0 | 7 | 0 | 8 | 6 | 0 |
| | 1730 | 123 | 1004.3 | 990.6 | +1.4 | 29.7 | 24.8 | 22.5 | 27.4 | 67 | - 7 | 5.8 | -0.5 | 2.1 | 0 | 0 | 23 | 02 | 4 | 2 | 3 | 0 | 6 | 0 | 6 | 7 | 0 |
| Wardha | 0830 | 283 | 1007.2 | 975.5 | .. | 26.3 | 23.3 | 21.7 | 26.4 | 77 | .. | 5.3 | .. | 6.0 | 0 | 0 | 30 | 02 | 5 | 1 | 1 | 0 | 5 | 6 | 10 | 0 | 0 |
| | 1730 | 283 | 1003.9 | 972.6 | .. | 29.7 | 23.4 | 20.1 | 23.5 | 59 | .. | 5.7 | .. | 7.4 | 0 | 0 | 30 | 02 | 5 | 2 | 2 | 0 | 6 | 5 | 8 | 0 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 26.7 | 23.6 | 22.2 | 26.6 | 76 | .. | . | .. | 9.4[b] | 0 | 0 | 29 | 03 | 6 | 2 | 1 | 2 | 3 | 5 | 5 | 0 | 2 |
| | 1730 | | .. | .. | .. | 30.4 | 24.1 | 20.9 | 24.9 | 59 | .. | . | .. | 7.6[c] | 0 | 2 | 26 | 02 | 11 | 3 | 2 | 3 | 5 | 2 | 0 | 0 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1006.7 | 1006.1 | +1.3 | 28.5 | 25.9 | 24.8 | 31.3 | 81 | - 3 | 4.1 | -1.7 | 9.8 | 0 | 4 | 26 | 03 | 0 | 0 | 0 | 3 | 6 | 1 | 2 | 0 | 15 |
| | 1730 | 6 | 1003.7 | 1003.0 | +1.1 | 29.0 | 26.4 | 25.0 | 32.8 | 79 | - 1 | 5.2 | -1.3 | 11.7 | 0 | 7 | 23 | 03 | 1 | 0 | 0 | 7 | 9 | 0 | 3 | 0 | 7 |
| Vishakhapatnam | 0230 | 3 | 1005.2 | 1004.8 | .. | 26.7 | 25.3 | 24.7 | 31.1 | 89 | .. | 4.7 | .. | 4.9 | 0 | 1 | 11 | 01 | 0 | 0 | 0 | 0 | 4 | 4 | 3 | 18 | 0 |
| | 0530 | 3 | 1005.4 | 1005.1 | .. | 26.6 | 25.0 | 24.4 | 30.4 | 89 | .. | 5.8 | .. | 5.6 | 0 | 2 | 14 | 01 | 1 | 0 | 0 | 0 | 6 | 6 | 2 | 14 | 0 |
| | 0830 | 3 | 1006.9 | 1006.5 | +1.1 | 28.8 | 25.9 | 24.6 | 31.1 | 78 | - 3 | 5.0 | -0.8 | 7.0 | 0 | 3 | 14 | 02 | 4 | 0 | 0 | 0 | 8 | 3 | 0 | 13 | 0 |
| | 1130 | 3 | 1006.2 | 1005.8 | .. | 31.5 | 26.8 | 24.9 | 31.5 | 69 | .. | 5.5 | .. | 13.2 | 0 | 7 | 21 | 01 | 2 | 4 | 1 | 3 | 10 | 4 | 2 | 2 | 1 |
| | 1430 | 3 | 1003.9 | 1003.5 | .. | 31.3 | 27.0 | 25.4 | 32.2 | 72 | .. | 5.9 | .. | 15.7 | 0 | 8 | 21 | 01 | 1 | 7 | 4 | 5 | 8 | 2 | 1 | 1 | 0 |
| | 1730 | 3 | 1004.1 | 1003.7 | +1.4 | 29.3 | 26.4 | 25.2 | 31.9 | 78 | - 6 | 6.0 | -0.4 | 11.2 | 0 | 5 | 20 | 01 | 1 | 2 | 1 | 4 | 11 | 3 | 2 | 5 | 0 |
| | 2030 | 3 | 1006.2 | 1005.8 | .. | 27.7 | 26.0 | 25.2 | 32.2 | 85 | .. | 4.8 | .. | 6.2 | 0 | 2 | 14 | 01 | 3 | 1 | 0 | 1 | 6 | 1 | 3 | 14 | 0 |
| | 2330 | 3 | 1006.3 | 1005.9 | .. | 27.2 | 25.6 | 24.9 | 31.5 | 87 | .. | 5.5 | .. | 4.4 | 0 | 1 | 14 | 01 | 3 | 1 | 0 | 0 | 4 | 5 | 1 | 15 | 0 |
| Kakinada | 0830 | 8 | 1007.4 | 1006.6 | +1.1 | 28.3 | 25.6 | 24.4 | 30.7 | 80 | + 0 | 5.2 | -0.2 | 9.8 | 0 | 0 | 30 | 00 | 4 | 0 | 0 | 0 | 22 | 1 | 3 | 0 | 0 |
| | 1730 | 8 | 1004.0 | 1003.1 | +1.0 | 30.2 | 26.3 | 24.7 | 31.1 | 73 | - 3 | 6.0 | +0.5 | 10.9 | 0 | 0 | 30 | 00 | 3 | 0 | 5 | 0 | 17 | 0 | 5 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1007.5 | 1006.2 | +1.4 | 27.9 | 25.9 | 25.1 | 31.9 | 85 | - 1 | 5.8 | -0.7 | 8.3 | 0 | 1 | 28 | 00 | 5 | 0 | 1 | 0 | 11 | 8 | 4 | 1 | 0 |
| | 1730 | 12 | 1004.2 | 1002.8 | +1.5 | 29.3 | 26.1 | 24.7 | 31.1 | 77 | - 1 | 7.3 | +0.6 | 5.4 | 0 | 0 | 27 | 02 | 3 | 1 | 3 | 2 | 7 | 7 | 2 | 3 | 0 |
| Rentachintala | 0830 | 106 | 1008.2 | 996.1 | +1.3 | 27.0 | 24.3 | 23.0 | 28.3 | 79 | + 5 | 5.2 | -0.7 | 1.4 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 1 | 0 | 27 | 0 | 1 | 0 |
| | 1730 | 106 | 1004.2 | 992.5 | +1.6 | 30.6 | 24.4 | 21.1 | 25.5 | 60 | - 1 | 5.5 | -1.3 | 2.0 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 26 | 0 | 4 | 0 |
| Gannavaram | 0230 | 24 | 1005.7 | 1003.0 | .. | 26.1 | 24.9 | 24.4 | 30.5 | 91 | .. | 4.7 | .. | 8.4 | 0 | 3 | 20 | 03 | 1 | 1 | 0 | 3 | 3 | 10 | 2 | 7 | 0 |
| | 0530 | 24 | 1006.2 | 1003.5 | .. | 25.6 | 24.7 | 24.3 | 30.4 | 93 | .. | 5.0 | .. | 5.3 | 0 | 0 | 19 | 03 | 0 | 1 | 0 | 0 | 4 | 9 | 2 | 11 | 0 |
| | 0830 | 24 | 1008.0 | 1005.3 | +1.5 | 28.1 | 25.5 | 24.4 | 30.5 | 81 | + 0 | 4.6 | -1.1 | 9.6 | 0 | 1 | 26 | 00 | 1 | 3 | 1 | 1 | 5 | 13 | 3 | 3 | 0 |
| | 1130 | 24 | 1007.2 | 1004.5 | .. | 30.5 | 26.0 | 24.0 | 30.0 | 69 | .. | 4.8 | .. | 13.1 | 0 | 7 | 21 | 01 | 0 | 4 | 2 | 2 | 4 | 8 | 7 | 2 | 0 |
| | 1430 | 24 | 1004.4 | 1001.7 | .. | 31.3 | 26.0 | 23.6 | 29.3 | 65 | .. | 5.5 | .. | 11.8 | 0 | 4 | 25 | 03 | 1 | 6 | 4 | 2 | 0 | 8 | 5 | 1 | 0 |
| | 1730 | 24 | 1004.3 | 1001.6 | +1.5 | 29.8 | 25.9 | 24.1 | 30.4 | 73 | + 2 | 5.3 | -1.1 | 9.8 | 0 | 1 | 26 | 04 | 3 | 2 | 5 | 1 | 1 | 6 | 5 | 3 | 0 |
| | 2030 | 24 | 1006.5 | 1003.9 | .. | 27.5 | 25.5 | 24.6 | 30.9 | 84 | .. | 3.9 | .. | 5.5 | 0 | 0 | 21 | 04 | 0 | 2 | 2 | 4 | 3 | 3 | 3 | 9 | 0 |
| | 2330 | 24 | 1006.9 | 1004.2 | .. | 26.5 | 25.2 | 24.7 | 31.1 | 90 | .. | 4.0 | .. | 6.5 | 0 | 1 | 20 | 01 | 2 | 2 | 0 | 3 | 8 | 4 | 1 | 9 | 0 |
| Masulipatam | 0830 | 3 | 1007.9 | 1007.6 | +1.2 | 27.3 | 25.5 | 24.4 | 31.1 | 81 | - 1 | 5.9 | +0.4 | 3.7 | 0 | 0 | 28 | 01 | 2 | 2 | 0 | 5 | 8 | 8 | 2 | 2 | 0 |
| | 1730 | 3 | 1004.6 | 1004.3 | +1.4 | 29.6 | 26.4 | 25.0 | 31.9 | 79 | + 6 | 5.6 | +0.0 | 3.9 | 0 | 0 | 30 | 04 | 2 | 7 | 3 | 2 | 8 | 3 | 1 | 0 | 0 |
| Ongole | 0830 | 12 | 1008.1 | 1006.8 | +1.3 | 29.8 | 25.4 | 23.3 | 28.8 | 69 | - 6 | 4.6 | -0.8 | 3.0 | 0 | 0 | 30 | 01 | 5 | 1 | 6 | 0 | 0 | 15 | 2 | 0 | 0 |
| | 1730 | 12 | 1004.5 | 1003.2 | +1.5 | 30.6 | 25.7 | 23.3 | 28.8 | 66 | - 2 | 4.7 | -1.1 | 2.5 | 0 | 0 | 30 | 01 | 8 | 0 | 14 | 0 | 0 | 6 | 1 | 0 | 0 |
| Nellore | 0530 | 20 | 1006.8 | 1004.6 | .. | 26.1 | 25.4 | 25.1 | 31.9 | 94 | .. | 6.4 | .. | 1.1 | 0 | 0 | 10 | 00 | 0 | 1 | 1 | 0 | 0 | 6 | 2 | 20 | 0 |
| | 0830 | 20 | 1008.3 | 1006.1 | +0.9 | 28.5 | 25.9 | 24.8 | 31.3 | 81 | +12 | 6.2 | +0.8 | 3.3 | 0 | 0 | 25 | 00 | 1 | 0 | 2 | 0 | 9 | 8 | 5 | 5 | 0 |
| | 1130 | 20 | 1007.6 | 1005.4 | .. | 31.8 | 27.0 | 24.9 | 31.7 | 68 | .. | 5.7 | .. | 9.2 | 0 | 1 | 28 | 01 | 5 | 1 | 4 | 0 | 2 | 11 | 5 | 1 | 0 |
| | 1430 | 20 | 1005.0 | 1002.8 | .. | 33.1 | 27.1 | 25.0 | 30.9 | 65 | .. | 5.6 | .. | 8.2 | 0 | 0 | 30 | 00 | 7 | 3 | 2 | 0 | 3 | 11 | 4 | 0 | 0 |
| | 1730 | 20 | 1004.8 | 1002.6 | +1.5 | 31.5 | 27.2 | 25.3 | 32.6 | 72 | +12 | 6.4 | +0.9 | 9.3 | 0 | 0 | 30 | 00 | 5 | 0 | 10 | 0 | 12 | 0 | 3 | 0 | 0 |
| | 2330 | 20 | 1007.5 | 1005.3 | .. | 27.3 | 26.3 | 25.7 | 33.4 | 89 | .. | 5.9 | .. | 4.4 | 0 | 1 | 18 | 00 | 4 | 2 | 1 | 1 | 2 | 7 | 2 | 11 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1007.5 | 989.9 | +1.3 | 26.2 | 24.4 | 23.6 | 29.1 | 86 | + 6 | 4.0 | -1.8 | 2.0 | 0 | 1 | 10 | 02 | 0 | 0 | 0 | 1 | 1 | 7 | 0 | 19 | 0 |
| | 1730 | 156 | 1004.0 | 986.6 | +1.5 | 29.9 | 25.3 | 23.2 | 28.4 | 70 | + 3 | 4.8 | -1.2 | 2.2 | 0 | 0 | 17 | 06 | 0 | 1 | 0 | 0 | 3 | 7 | 0 | 13 | 0 |
| Nizamabad | 0830 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 381 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1007.9 | 977.9 | +1.2 | 26.1 | 23.8 | 22.6 | 27.3 | 80 | + 1 | 3.5 | -1.6 | 2.0 | 0 | 0 | 29 | 12 | 0 | 0 | 0 | 4 | 2 | 6 | 5 | 1 | 0 |
| | 1730 | 269 | 1005.0 | 975.8 | +2.3 | 28.6 | 24.2 | 22.1 | 26.8 | 68 | + 0 | 3.4 | -2.4 | 2.0 | 0 | 0 | 30 | 18 | 1 | 0 | 1 | 2 | 0 | 6 | 2 | 0 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1007.0 | 939.1 | .. | 22.2 | 21.2 | 20.7 | 24.4 | 91 | .. | 5.7 | .. | 14.0 | 0 | 8 | 18 | 03 | 3 | 2 | 0 | 1 | 4 | 11 | 2 | 4 | 0 |
| | 0830 | 613 | 1007.9 | 940.5 | .. | 24.4 | 22.3 | 21.1 | 25.3 | 83 | .. | 5.7 | .. | 16.2 | 0 | 11 | 16 | 03 | 3 | 3 | 1 | 1 | 1 | 10 | 5 | 3 | 0 |
| | 1130 | 613 | 1007.1 | 940.3 | .. | 27.2 | 23.1 | 21.2 | 25.3 | 71 | .. | 5.9 | .. | 20.7 | 0 | 15 | 13 | 03 | 4 | 2 | 3 | 1 | 2 | 7 | 6 | 2 | 0 |
| | 1730 | 613 | 1004.8 | 937.9 | .. | 26.2 | 22.4 | 20.5 | 24.3 | 73 | .. | 6.1 | .. | 20.7 | 0 | 10 | 20 | 06 | 1 | 4 | 1 | 0 | 6 | 4 | 8 | 0 | 0 |
| | 2330 | 613 | 1007.3 | 939.7 | .. | 23.5 | 21.9 | 21.1 | 25.0 | 87 | .. | 5.2 | .. | 9.7 | 0 | 3 | 18 | 00 | 5 | 1 | 0 | 2 | 2 | 6 | 5 | 9 | 0 |
| Bhadrachalam | 0830 | 111 | 1007.2 | 994.7 | +0.7 | 26.9 | 24.8 | 23.9 | 29.7 | 84 | + 0 | 5.4 | -0.8 | 2.3 | 0 | 0 | 30 | 03 | 10 | 0 | 0 | 0 | 12 | 0 | 5 | 0 | 0 |
| | 1730 | 111 | 1003.8 | 991.4 | +1.2 | 30.9 | 25.3 | 23.2 | 28.3 | 69 | - 5 | 6.3 | -0.5 | 2.4 | 0 | 0 | 30 | 01 | 14 | 0 | 0 | 1 | 7 | 0 | 7 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1006.7 | 946.3 | .. | 22.9 | 21.5 | 20.8 | 24.6 | 89 | .. | 5.3 | .. | 5.1 | 0 | 2 | 13 | 01 | 1 | 1 | 0 | 1 | 2 | 4 | 5 | 15 | 0 |
| | 0530 | 545 | 1007.1 | 946.6 | .. | 22.2 | 21.1 | 20.5 | 23.9 | 69 | .. | 5.5 | .. | 5.4 | 0 | 2 | 12 | 00 | 0 | 0 | 1 | 0 | 1 | 8 | 4 | 16 | 0 |
| | 0830 | 545 | 1008.6 | 948.3 | +1.3 | 24.0 | 21.8 | 20.8 | 23.7 | 82 | + 0 | 5.8 | +0.1 | 8.6 | 0 | 3 | 20 | 02 | 1 | 0 | 3 | 1 | 1 | 5 | 10 | 7 | 0 |
| | 1130 | 545 | 1007.4 | 947.8 | .. | 27.5 | 22.9 | 20.8 | 24.1 | 68 | .. | 6.2 | .. | 14.8 | 0 | 9 | 21 | 03 | 2 | 3 | 4 | 0 | 3 | 6 | 9 | 0 | 0 |
| | 1730 | 545 | 1004.5 | 944.9 | +1.5 | 26.6 | 22.5 | 20.4 | 23.9 | 70 | - 1 | 6.6 | +0.2 | 12.1 | 0 | 5 | 23 | 08 | 2 | 4 | 1 | 0 | 3 | 3 | 7 | 2 | 0 |
| | 2330 | 545 | 1007.8 | 947.5 | .. | 23.5 | 21.8 | 20.4 | 24.7 | 86 | .. | 5.4 | .. | 3.2 | 0 | 2 | 7 | 00 | 0 | 1 | 0 | 0 | 1 | 6 | 1 | 21 | 0 |
| Khammam | 0830 | 112 | 1008.0 | 995.4 | +1.2 | 26.1 | 24.0 | 23.1 | 28.3 | 84 | + 3 | 5.3 | -0.3 | 2.3 | 0 | 0 | 19 | 04 | 1 | 1 | 0 | 1 | 4 | 6 | 2 | 11 | 0 |
| | 1730 | 112 | 1004.8 | 991.8 | +1.5 | 29.8 | 25.2 | 23.4 | 28.3 | 75 | + 6 | 6.3 | -0.2 | 1.2 | 0 | 0 | 18 | 08 | 1 | 1 | 2 | 0 | 1 | 4 | 1 | 12 | 0 |
| Mahbubnagar | 0830 | 505 | 1007.9 | 952.3 | +0.8 | 24.9 | 22.3 | 20.9 | 24.7 | 81 | + 0 | 5.5 | -0.5 | 9.1 | 0 | 0 | 29 | 01 | 3 | 6 | 1 | 0 | 3 | 7 | 8 | 1 | 0 |
| | 1730 | 505 | 1004.3 | 949.1 | +1.2 | 27.3 | 23.3 | 21.4 | 25.3 | 71 | + 5 | 6.6 | -0.1 | 4.2 | 0 | 1 | 24 | 03 | 5 | 4 | 0 | 0 | 1 | 7 | 5 | 5 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1009.0 | 977.7 | +1.1 | 25.6 | 23.0 | 21.7 | 25.9 | 79 | + 3 | 5.8 | -0.2 | 10.4 | 0 | 2 | 28 | 01 | 6 | 0 | 3 | 0 | 9 | 0 | 11 | 0 | 0 |
| | 1730 | 281 | 1004.4 | 974.4 | +2.1 | 29.7 | 23.6 | 20.4 | 24.1 | 59 | + 2 | 6.8 | +0.4 | 9.4 | 0 | 5 | 25 | 00 | 4 | 0 | 2 | 0 | 18 | 0 | 6 | 0 | 0 |
| Nandyal | 0830 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 212 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Anantapur | 0530 | 350 | 1007.6 | 968.3 | .. | 23.4 | 22.4 | 21.8 | 26.3 | 91 | .. | 5.8 | .. | 6.2 | 0 | 1 | 16 | 01 | 0 | 2 | 0 | 0 | 0 | 13 | 1 | 13 | 0 |
| | 0830 | 350 | 1009.1 | 970.4 | +1.3 | 25.3 | 23.1 | 21.9 | 26.4 | 82 | + 8 | 5.7 | +0.0 | 9.1 | 0 | 2 | 22 | 00 | 2 | 1 | 0 | 0 | 4 | 14 | 3 | 6 | 0 |
| | 1130 | 350 | 1007.9 | 969.3 | .. | 28.8 | 24.2 | 21.9 | 26.4 | 67 | .. | 5.7 | .. | 11.8 | 0 | 5 | 20 | 01 | 3 | 2 | 0 | 0 | 3 | 10 | 6 | 5 | 0 |
| | 1430 | 350 | 1004.5 | 966.0 | .. | 30.8 | 24.8 | 21.9 | 26.4 | 60 | .. | 6.1 | .. | 10.3 | 0 | 4 | 17 | 00 | 3 | 1 | 0 | 1 | 1 | 12 | 3 | 9 | 0 |
| | 1730 | 350 | 1004.0 | 965.7 | +1.1 | 30.0 | 24.4 | 21.7 | 25.9 | 62 | +10 | 6.2 | -0.2 | 11.7 | 0 | 4 | 21 | 00 | 6 | 3 | 1 | 0 | 1 | 10 | 4 | 5 | 0 |
| | 2030 | 350 | 1007.1 | 968.3 | .. | 27.0 | 23.9 | 22.4 | 27.3 | 77 | .. | 5.6 | .. | 8.5 | 0 | 2 | 18 | 01 | 5 | 1 | 0 | 0 | 1 | 11 | 1 | 10 | 0 |
| | 2330 | 350 | 1008.1 | 969.1 | .. | 25.7 | 23.4 | 22.2 | 26.9 | 81 | .. | 5.3 | .. | 10.7 | 6 | 4 | 20 | 01 | 4 | 2 | 0 | 1 | 3 | 12 | 1 | 6 | 0 |
| Cuddapah | 0830 | 130 | 1009.2 | 994.5 | +0.5 | 27.3 | 24.1 | 22.6 | 27.4 | 76 | + 5 | 4.6 | -1.0 | 1.3 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 1 | 20 | 0 |
| | 1730 | 130 | 1004.5 | 990.1 | +0.9 | 30.5 | 25.3 | 23.0 | 27.9 | 66 | + 5 | 5.9 | +0.1 | 0.9 | 0 | 0 | 5 | 00 | 2 | 0 | 1 | 0 | 0 | 1 | 1 | 25 | 0 |
| Arogyavaram | 0830 | 701 | 1007.5 | 930.9 | -0.5 | 23.8 | 21.5 | 20.0 | 23.2 | 80 | + 8 | 6.0 | +0.1 | 9.0 | 0 | 1 | 29 | 03 | 2 | 0 | 1 | 2 | 7 | 1 | 14 | 0 | 0 |
| | 1730 | 701 | 1004.8 | 928.8 | +1.0 | 27.5 | 23.2 | 21.3 | 25.0 | 71 | +17 | 7.1 | +0.4 | 7.8 | 0 | 1 | 28 | 04 | 4 | 0 | 1 | 1 | 4 | 1 | 14 | 1 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1008.9 | 1008.2 | +1.4 | 27.5 | 25.0 | 23.8 | 29.5 | 81 | + 7 | 5.0 | -0.1 | 4.8 | 0 | 0 | 22 | 01 | 1 | 0 | 0 | 1 | 13 | 5 | 1 | 8 | 0 |
| | 1730 | 6 | 1004.8 | 1004.1 | .. | 29.4 | 25.7 | 24.1 | 30.0 | 74 | .. | 5.5 | .. | 5.2 | 0 | 0 | 23 | 02 | 2 | 4 | 7 | 4 | 2 | 1 | 0 | 7 | 1 |
| Madras (Minambakkam) | 0230 | 16 | 1006.8 | 1005.0 | .. | 26.4 | 24.9 | 24.2 | 30.4 | 88 | .. | 5.1 | .. | 7.5 | 0 | 2 | 20 | 00 | 0 | 0 | 2 | 5 | 6 | 5 | 1 | 8 | 3 |
| | 0530 | 16 | 1007.3 | 1005.5 | .. | 25.7 | 24.5 | 23.9 | 29.8 | 90 | .. | 5.4 | .. | 6.4 | 0 | 0 | 24 | 00 | 1 | 1 | 1 | 4 | 8 | 7 | 2 | 6 | 0 |
| | 0830 | 16 | 1008.9 | 1007.2 | +0.9 | 27.5 | 24.9 | 23.8 | 29.3 | 81 | + 8 | 5.3 | -0.3 | 8.3 | 0 | 0 | 25 | 02 | 0 | 0 | 0 | 6 | 5 | 10 | 2 | 5 | 0 |
| | 1130 | 16 | 1007.9 | 1006.2 | .. | 30.7 | 25.6 | 23.3 | 28.6 | 66 | .. | 5.5 | .. | 9.8 | 0 | 0 | 29 | 02 | 3 | 1 | 1 | 5 | 7 | 8 | 2 | 1 | 0 |
| | 1430 | 16 | 1005.3 | 1003.6 | .. | 31.8 | 26.3 | 23.8 | 29.7 | 64 | .. | 5.9 | .. | 13.2 | 0 | 3 | 26 | 03 | 1 | 7 | 4 | 4 | 3 | 6 | 1 | 1 | 0 |
| | 1730 | 16 | 1005.1 | 1003.4 | +1.0 | 30.3 | 26.1 | 24.2 | 30.4 | 71 | + 2 | 5.6 | -0.2 | 12.1 | 0 | 1 | 27 | 03 | 1 | 7 | 9 | 3 | 4 | 1 | 0 | 2 | 0 |
| | 2030 | 16 | 1007.5 | 1005.7 | .. | 28.0 | 25.8 | 24.8 | 31.5 | 83 | .. | 4.4 | .. | 9.1 | 0 | 2 | 24 | 02 | 1 | 3 | 9 | 8 | 2 | 0 | 0 | 4 | 1 |
| | 2330 | 16 | 1008.0 | 1006.3 | .. | 27.2 | 25.5 | 24.7 | 31.1 | 86 | .. | 5.1 | .. | 9.0 | 0 | 2 | 23 | 01 | 0 | 1 | 5 | 12 | 4 | 2 | 0 | 5 | 0 |
| Vellore | 0530 | 214 | 1007.7 | 983.5 | .. | 24.2 | 22.7 | 21.9 | 26.3 | 88 | .. | 3.9 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| | 0830 | 214 | 1008.6 | 985.2 | +0.9 | 26.4 | 23.2 | 21.5 | 25.8 | 76 | + 5 | 5.0 | -0.1 | 6.3 | 0 | 0 | 21 | 00 | 1 | 0 | 0 | 0 | 2 | 16 | 2 | 9 | 0 |
| | 1130 | 214 | 1008.4 | 984.6 | .. | 30.2 | 24.3 | 21.3 | 25.6 | 60 | .. | 5.2 | .. | 8.0 | 0 | 3 | 24 | 03 | 2 | 0 | 0 | 0 | 3 | 15 | 4 | 3 | 0 |
| | 1730 | 214 | 1004.6 | 981.0 | +0.9 | 30.9 | 24.1 | 20.6 | 24.4 | 56 | + 0 | 5.7 | -0.2 | 5.3 | 0 | 0 | 27 | 04 | 4 | 2 | 5 | 1 | 2 | 7 | 2 | 3 | 0 |
| | 2330 | 214 | 1008.7 | 984.7 | .. | 26.8 | 23.7 | 22.2 | 26.7 | 77 | .. | 5.2 | .. | 0.8 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 26 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1008.6 | 1005.4 | .. | 27.8 | 25.6 | 24.5 | 30.9 | 83 | .. | 5.0 | .. | 11.1 | 0 | 2 | 24 | 01 | 1 | 0 | 1 | 2 | 10 | 8 | 3 | 4 | 0 |
| | 1730 | 29 | 1005.2 | 1002.0 | .. | 29.7 | 25.9 | 24.1 | 30.4 | 73 | .. | 5.4 | .. | 17.3 | 0 | 8 | 21 | 02 | 1 | 7 | 10 | 3 | 5 | 0 | 1 | 1 | 0 |
| Tiruppattur | 0830 | 390 | 1009.6 | 966.0 | +0.9 | 24.5 | 22.3 | 21.2 | 25.2 | 82 | + 4 | 6.4 | +0.9 | 3.0 | 0 | 0 | 28 | 21 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 390 | 1004.3 | 962.7 | +1.8 | 30.1 | 23.1 | 19.5 | 22.7 | 57 | - 3 | 6.3 | -0.2 | 6.9 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 3 | 21 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 26.5 | 25.1 | 24.5 | 30.7 | 89 | .. | 4.2 | .. | 2.1 | 0 | 0 | 24 | 00 | 8 | 0 | 9 | 0 | 3 | 0 | 4 | 6 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 25.8 | 24.9 | 31.5 | 85 | .. | 5.9 | .. | 3.5 | 0 | 0 | 25 | 00 | 8 | 0 | 6 | 0 | 8 | 0 | 3 | 5 | 0 |
| Cuddalore | 0530 | 12 | 1007.3 | 1006.0 | .. | 25.5 | 24.1 | 23.4 | 28.8 | 89 | .. | 5.0 | .. | 0.8 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 1 | 4 | 0 | 0 | 25 | 0 |
| | 0830 | 12 | 1009.3 | 1007.9 | +0.8 | 28.5 | 25.7 | 24.5 | 30.7 | 79 | + 6 | 4.9 | -0.4 | 3.3 | 0 | 0 | 20 | 00 | 1 | 0 | 0 | 6 | 10 | 1 | 2 | 10 | 0 |
| | 1130 | 12 | 1008.4 | 1007.1 | .. | 31.1 | 25.8 | 23.4 | 28.8 | 65 | .. | 5.4 | .. | 6.0 | 0 | 0 | 27 | 01 | 2 | 0 | 4 | 1 | 7 | 5 | 7 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cuddalore (Contd.) | 1430 | 12 | 1005.6 | 1004.3 | .. | 31.8 | 26.3 | 24.0 | 29.8 | 64 | .. | 6.3 | .. | 7.3 | 0 | 0 | 27 | 01 | 1 | 3 | 11 | 4 | 4 | 1 | 2 | 3 | 0 |
| | 1730 | 12 | 1005.1 | 1003.8 | +0.7 | 30.8 | 26.6 | 25.2 | 32.1 | 76 | + 6 | 5.2 | -0.2 | 7.1 | 0 | 0 | 25 | 00 | 1 | 1 | 17 | 3 | 3 | 0 | 0 | 5 | 0 |
| | 2330 | 12 | 1008.0 | 1007.0 | .. | 27.2 | 25.5 | 24.8 | 31.3 | 87 | .. | 4.0 | .. | 3.3 | 0 | 1 | 10 | 00 | 0 | 0 | 4 | 1 | 6 | 0 | 0 | 19 | 0 |
| Kallakkurichchi | 0830 | 127 | 1008.8 | 994.5 | +0.9 | 27.4 | 24.3 | 22.9 | 27.9 | 77 | + 6 | 4.5 | +0.2 | 4.5 | 0 | 0 | 21 | 00 | 2 | 2 | 4 | 1 | 10 | 0 | 2 | 9 | 0 |
| | 1730 | 127 | 1004.1 | 990.1 | +0.8 | 31.3 | 25.0 | 22.0 | 26.4 | 60 | + 6 | 5.4 | +0.0 | 6.6 | 0 | 0 | 26 | 00 | 5 | 3 | 5 | 0 | 12 | 0 | 1 | 4 | 0 |
| Salem | 0530 | 278 | 1007.8 | 976.5 | .. | 23.7 | 22.1 | 21.3 | 25.3 | 87 | .. | 4.5 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 28 | 0 |
| | 0830 | 278 | 1009.6 | 978.3 | +0.4 | 25.5 | 22.8 | 21.5 | 25.6 | 79 | + 2 | 5.5 | +0.4 | 1.9 | 0 | 0 | 13 | 01 | 0 | 0 | 0 | 0 | 11 | 1 | 0 | 17 | 0 |
| | 1130 | 278 | 1008.4 | 977.2 | .. | 29.1 | 23.8 | 22.4 | 27.1 | 63 | .. | 4.8 | .. | 3.1 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 0 | 6 | 8 | 0 | 16 | 0 |
| | 1730 | 278 | 1004.4 | 974.1 | +0.7 | 29.9 | 23.8 | 20.8 | 24.6 | 60 | + 6 | 6.6 | +0.7 | 3.8 | 0 | 1 | 14 | 02 | 0 | 3 | 0 | 0 | 2 | 6 | 1 | 15 | 1 |
| | 2330 | 278 | 1008.9 | 977.7 | .. | 25.2 | 22.7 | 21.4 | 25.5 | 80 | .. | 5.7 | .. | 0.9 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 3 | 2 | 0 | 25 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1008.3 | 963.6 | .. | 22.6 | 22.3 | 22.1 | 26.6 | 97 | .. | 4.3 | .. | 12.7 | 0 | 4 | 21 | 00 | 0 | 0 | 0 | 13 | 12 | 0 | 0 | 5 | 0 |
| | 0830 | 399 | 1010.0 | 965.4 | +0.8 | 24.5 | 23.2 | 22.5 | 27.3 | 88 | + 9 | 4.6 | +0.0 | 10.8 | 0 | 4 | 16 | 00 | 0 | 0 | 1 | 11 | 8 | 0 | 0 | 10 | 0 |
| | 1130 | 399 | 1008.4 | 964.6 | .. | 29.2 | 24.7 | 22.5 | 27.3 | 68 | .. | 4.5 | .. | 16.2 | 0 | 12 | 13 | 00 | 0 | 0 | 1 | 14 | 8 | 1 | 0 | 5 | 1 |
| | 1430 | 399 | 1005.2 | 961.8 | .. | 30.6 | 25.2 | 22.6 | 27.4 | 64 | .. | 5.0 | .. | 25.3 | 0 | 23 | 6 | 00 | 0 | 0 | 1 | 16 | 11 | 1 | 0 | 1 | 0 |
| | 1730 | 399 | 1005.6 | 961.6 | +0.8 | 27.5 | 24.3 | 22.8 | 27.9 | 77 | +14 | 5.6 | -0.1 | 23.8 | 0 | 21 | 8 | 00 | 1 | 0 | 0 | 10 | 16 | 2 | 0 | 1 | 0 |
| | 2030 | 399 | 1008.2 | 963.8 | .. | 24.3 | 23.3 | 22.7 | 27.6 | 90 | .. | 4.7 | .. | 19.5 | 0 | 17 | 12 | 00 | 2 | 0 | 0 | 13 | 14 | 0 | 0 | 1 | 0 |
| | 2330 | 399 | 1009.5 | 964.8 | .. | 23.4 | 22.9 | 22.6 | 27.4 | 95 | .. | 4.8 | .. | 18.0 | 0 | 15 | 13 | 00 | 1 | 0 | 0 | 13 | 14 | 0 | 0 | 2 | 0 |
| Coimbatore | 0830 | 409 | 1009.5 | 964.0 | +0.2 | 25.2 | 22.5 | 21.1 | 25.0 | 78 | + 1 | 5.0 | -0.1 | 6.4 | 0 | 1 | 28 | 00 | 0 | 1 | 1 | 6 | 20 | 0 | 1 | 1 | 0 |
| Nagapattinam | 0830 | 9 | 1009.7 | 1008.7 | +0.9 | 27.8 | 24.9 | 23.6 | 29.1 | 78 | + 7 | 5.4 | +0.3 | 7.1 | 0 | 0 | 28 | 00 | 0 | 0 | 0 | 0 | 16 | 10 | 2 | 2 | 0 |
| | 1730 | 9 | 1005.5 | 1004.4 | +0.5 | 30.2 | 26.0 | 24.2 | 30.2 | 71 | + 2 | 5.6 | +0.7 | 13.9 | 0 | 3 | 26 | 00 | 2 | 2 | 10 | 7 | 7 | 1 | 0 | 1 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1007.3 | 997.3 | .. | 25.2 | 23.3 | 22.4 | 27.1 | 85 | .. | 5.6 | .. | 8.1 | 0 | 3 | 20 | 00 | 1 | 0 | 0 | 2 | 4 | 12 | 4 | 7 | 0 |
| | 0530 | 88 | 1007.4 | 997.4 | .. | 24.8 | 23.1 | 22.2 | 26.7 | 86 | .. | 4.9 | .. | 10.3 | 0 | 4 | 22 | 00 | 0 | 0 | 0 | 0 | 4 | 17 | 5 | 4 | 0 |
| | 0830 | 88 | 1009.2 | 999.3 | +0.5 | 26.8 | 23.7 | 22.2 | 26.7 | 76 | + 6 | 5.0 | -0.1 | 16.1 | 0 | 10 | 18 | 00 | 0 | 0 | 0 | 0 | 2 | 19 | 7 | 2 | 0 |
| | 1130 | 88 | 1008.2 | 998.4 | .. | 30.8 | 24.7 | 21.7 | 25.9 | 59 | .. | 4.6 | .. | 17.9 | 0 | 10 | 20 | 01 | 0 | 0 | 0 | 0 | 6 | 15 | 8 | 0 | 0 |
| | 1430 | 88 | 1005.1 | 995.3 | .. | 31.8 | 25.0 | 21.1 | 25.0 | 51 | .. | 5.2 | .. | 14.4 | 0 | 8 | 21 | 01 | 1 | 0 | 1 | 2 | 5 | 9 | 10 | 1 | 0 |
| | 1730 | 88 | 1004.6 | 994.9 | +0.5 | 31.3 | 24.9 | 21.8 | 26.1 | 59 | + 8 | 5.6 | +1.3 | 11.1 | 0 | 3 | 23 | 03 | 4 | 0 | 3 | 7 | 3 | 3 | 3 | 4 | 0 |
| | 2030 | 88 | 1007.7 | 997.7 | .. | 27.7 | 24.3 | 22.7 | 27.6 | 75 | .. | 5.5 | .. | 13.4 | 0 | 7 | 21 | 01 | 2 | 0 | 3 | 6 | 7 | 7 | 2 | 2 | 0 |
| | 2330 | 88 | 1008.7 | 998.7 | .. | 25.9 | 23.6 | 22.5 | 27.3 | 82 | .. | 6.0 | .. | 9.0 | 0 | 3 | 21 | 00 | 1 | 0 | 1 | 4 | 5 | 10 | 3 | 6 | 0 |
| Vedaranniyam | 0830 | 4 | 1009.2 | 1008.7 | .. | 28.6 | 26.0 | 24.9 | 31.5 | 81 | .. | 6.0 | .. | 5.0 | .. | .. | .. | 00 | 0 | 0 | 1 | 3 | 19 | 3 | 4 | 0 | 0 |
| Atirampattinam | 1730 | 4 | 1006.0 | 1005.5 | .. | 30.0 | 26.3 | 24.7 | 31.1 | 74 | .. | 5.0 | .. | 5.0 | .. | .. | .. | 00 | 0 | 0 | 2 | 7 | 18 | 2 | 1 | 0 | 0 |
| | 0830 | 6 | 1009.4 | 1008.7 | .. | 28.1 | 25.1 | 23.8 | 29.4 | 78 | .. | 5.0 | .. | 3.3 | 0 | 0 | 17 | 00 | 0 | 0 | 0 | 8 | 2 | 2 | 5 | 13 | 0 |
| | 1730 | 6 | 1005.6 | 1004.9 | .. | 29.7 | 26.4 | 25.0 | 31.9 | 77 | .. | 4.3 | .. | 10.0 | 0 | 6 | 21 | 00 | 0 | 1 | 1 | 23 | 1 | 0 | 1 | 3 | 0 |
| Madurai | 0830 | 133 | 1009.5 | 994.5 | +0.6 | 27.3 | 23.7 | 21.9 | 26.3 | 73 | +10 | 6.6 | +1.5 | 4.8 | 0 | 0 | 30 | 13 | 3 | 2 | 0 | 0 | 3 | 3 | 6 | 0 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1007.5 | 992.7 | .. | 25.0 | 22.9 | 21.9 | 26.3 | 83 | .. | 4.2 | .. | 7.8 | 0 | 1 | 21 | 08 | 1 | 1 | 0 | 2 | 1 | 2 | 7 | 8 | 0 |
| | 0830 | 131 | 1009.3 | 994.6 | +0.8 | 27.5 | 23.6 | 21.6 | 25.8 | 71 | + 7 | 4.8 | +0.0 | 12.7 | 0 | 3 | 25 | 11 | 3 | 1 | 0 | 1 | 2 | 4 | 6 | 2 | 0 |
| | 1130 | 131 | 1008.4 | 993.8 | .. | 31.2 | 24.3 | 20.9 | 24.7 | 55 | .. | 4.5 | .. | 12.9 | 0 | 5 | 22 | 08 | 1 | 3 | 0 | 1 | 2 | 6 | 6 | 3 | 0 |
| | 1730 | 131 | 1005.1 | 990.5 | +0.6 | 30.7 | 24.0 | 20.6 | 24.3 | 57 | + 4 | 6.4 | +0.3 | 20.9 | 0 | 16 | 12 | 00 | 3 | 6 | 5 | 6 | 2 | 5 | 1 | 2 | 0 |
| Tondi | 0830 | 5 | 1009.7 | 1009.1 | +1.0 | 28.5 | 24.4 | 22.4 | 27.3 | 70 | - 1 | 4.2 | -0.7 | 4.4 | 0 | 0 | 15 | 01 | 4 | 0 | 0 | 1 | 8 | 1 | 0 | 15 | 0 |
| | 1730 | 5 | 1006.0 | 1005.4 | +0.9 | 29.3 | 25.5 | 23.8 | 29.5 | 73 | - 3 | 5.4 | -0.2 | 22.2 | 0 | 20 | 10 | 00 | 0 | 1 | 13 | 11 | 4 | 1 | 0 | 0 | 0 |
| Pamban | 0830 | 11 | 1009.6 | 1008.3 | +0.5 | 28.2 | 25.5 | 24.4 | 30.4 | 80 | + 2 | 5.4 | +1.7 | 30.5 | 0 | 7 | 23 | 02 | 1 | 0 | 5 | 11 | 9 | 0 | 2 | 0 | 0 |
| | 1730 | 11 | 1006.1 | 1004.8 | +0.4 | 28.3 | 25.6 | 24.5 | 30.7 | 80 | - 1 | 5.7 | +1.2 | 20.3 | 0 | 14 | 16 | 00 | 0 | 0 | 6 | 15 | 8 | 0 | 1 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1010.0 | 1009.6 | +1.0 | 29.1 | 24.2 | 21.8 | 26.1 | 65 | + 6 | 3.4 | +0.2 | 11.3 | 0 | 4 | 26 | 05 | 3 | 0 | 0 | 0 | 6 | 11 | 5 | 0 | 0 |
| | 1730 | 4 | 1006.1 | 1005.7 | +1.0 | 30.4 | 25.1 | 22.6 | 27.4 | 64 | + 7 | 5.1 | +1.9 | 18.7 | 0 | 15 | 15 | 00 | 0 | 0 | 7 | 8 | 4 | 8 | 3 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1009.9 | 1004.2 | +1.1 | 29.7 | 23.9 | 21.0 | 24.9 | 60 | + 2 | 5.5 | +0.9 | 7.1 | 0 | 3 | 27 | 10 | 0 | 0 | 0 | 2 | 2 | 12 | 4 | 0 | 0 |
| | 1730 | 51 | 1005.7 | 1000.1 | +0.6 | 30.6 | 24.3 | 21.0 | 25.3 | 58 | + 5 | 6.4 | +1.3 | 14.4 | 0 | 7 | 23 | 03 | 0 | 4 | 2 | 3 | 2 | 13 | 3 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1010.3 | 1006.2 | .. | 26.2 | 24.1 | 23.8 | 29.5 | 84 | .. | 5.5 | .. | 14.8 | 0 | 4 | 26 | 00 | 1 | 0 | 0 | 0 | 0 | 26 | 3 | 0 | 0 |
| | 1730 | 37 | 1007.2 | 1003.1 | .. | 27.9 | 24.7 | 23.1 | 28.3 | 76 | .. | 5.7 | .. | 17.8 | 0 | 12 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 27 | 3 | 0 | 0 |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1010.0 | 1009.5 | +0.5 | 25.9 | 24.5 | 23.8 | 29.5 | 88 | - 2 | 5.7 | -0.3 | 3.2 | 0 | 0 | 29 | 01 | 4 | 8 | 3 | 1 | 1 | 4 | 5 | 1 | 2 |
| | 1730 | 4 | 1007.2 | 1006.7 | +0.2 | 27.4 | 25.1 | 24.2 | 30.2 | 83 | + 0 | 7.0 | +1.0 | 6.0 | 0 | 0 | 29 | 00 | 1 | 2 | 2 | 0 | 0 | 4 | 15 | 1 | 5 |
| Honavar | 0830 | 26 | 1010.2 | 1007.3 | +0.1 | 25.2 | 24.0 | 23.4 | 28.8 | 90 | - 1 | 6.6 | +0.3 | 2.8 | 0 | 0 | 25 | 01 | 1 | 19 | 0 | 2 | 1 | 1 | 0 | 5 | 0 |
| | 1730 | 26 | 1007.7 | 1004.7 | +0.1 | 27.1 | 24.9 | 23.9 | 29.7 | 83 | - 1 | 6.8 | +0.6 | 3.9 | 0 | 0 | 30 | 01 | 0 | 9 | 0 | 8 | 0 | 11 | 1 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1008.6 | 997.0 | .. | 24.2 | 23.6 | 23.3 | 28.6 | 95 | .. | 6.0 | .. | 2.5 | 0 | 0 | 8 | 01 | 0 | 2 | 2 | 2 | 0 | 1 | 0 | 22 | 0 |
| | 0530 | 102 | 1008.6 | 997.0 | .. | 23.7 | 23.3 | 23.1 | 28.3 | 96 | .. | 5.9 | .. | 3.4 | 0 | 0 | 14 | 00 | 0 | 7 | 2 | 1 | 0 | 2 | 2 | 16 | 0 |
| | 0830 | 102 | 1010.3 | 998.7 | +0.1 | 25.5 | 24.2 | 23.6 | 29.3 | 90 | - 2 | 7.1 | +0.7 | 5.2 | 0 | 0 | 20 | 01 | 0 | 8 | 7 | 0 | 2 | 1 | 1 | 10 | 0 |
| | 1130 | 102 | 1009.9 | 998.5 | .. | 28.2 | 24.9 | 23.4 | 28.8 | 76 | .. | 6.7 | .. | 13.3 | 0 | 5 | 23 | 03 | 0 | 0 | 4 | 1 | 3 | 11 | 6 | 2 | 0 |
| | 1430 | 102 | 1007.5 | 996.1 | .. | 28.5 | 25.0 | 23.5 | 28.9 | 75 | .. | 6.2 | .. | 18.4 | 0 | 13 | 17 | 00 | 0 | 0 | 1 | 1 | 4 | 16 | 8 | 0 | 0 |
| | 1730 | 102 | 1007.3 | 995.8 | +0.0 | 27.0 | 24.7 | 23.6 | 29.3 | 82 | - 2 | 6.6 | +0.1 | 12.6 | 0 | 1 | 28 | 01 | 0 | 1 | 1 | 1 | 2 | 12 | 11 | 1 | 0 |
| | 2030 | 102 | 1009.3 | 997.8 | .. | 25.3 | 24.2 | 23.7 | 29.3 | 91 | .. | 5.8 | .. | 5.5 | 0 | 0 | 19 | 01 | 0 | 2 | 0 | 1 | 1 | 6 | 8 | 11 | 0 |
| | 2330 | 102 | 1009.9 | 998.3 | .. | 24.6 | 23.9 | 23.5 | 28.9 | 94 | .. | 6.0 | .. | 3.7 | 0 | 0 | 11 | 00 | 0 | 5 | 1 | 2 | 0 | 2 | 1 | 19 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **COASTAL MYSORE** (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 0830 | 22 | 1010.1 | 1007.6 | -0.3 | 25.9 | 24.2 | 23.4 | 28.9 | 86 | - 3 | 7.3 | +1.0 | 5.7 | 0 | 0 | 30 | 03 | 3 | 10 | 8 | 1 | 4 | 1 | 0 | 0 | 0 |
| | 1730 | 22 | 1007.4 | 1004.9 | -0.2 | 27.7 | 25.1 | 23.9 | 29.7 | 81 | - 2 | 6.7 | +0.4 | 7.9 | 0 | 0 | 30 | 01 | 0 | 0 | 2 | 2 | 5 | 6 | 12 | 0 | 2 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1008.8 | 935.5 | +1.5 | 23.3 | 20.9 | 19.8 | 22.9 | 80 | - 4 | 5.0 | -0.9 | 6.9 | 0 | 5 | 12 | 00 | 1 | 2 | 0 | 0 | 3 | 9 | 2 | 13 | 0 |
| | 1730 | 664 | 1004.4 | 932.1 | +1.5 | 26.0 | 21.7 | 19.4 | 22.8 | 68 | + 0 | 6.9 | +0.3 | 6.1 | 0 | 2 | 16 | 01 | 5 | 2 | 0 | 0 | 1 | 7 | 2 | 12 | 0 |
| Gulbarga | 0830 | 458 | 1009.1 | 958.0 | +1.1 | 24.5 | 22.1 | 20.9 | 24.9 | 81 | + 1 | 6.8 | +1.2 | 8.1 | 0 | 0 | 26 | 05 | 2 | 3 | 0 | 0 | 3 | 8 | 5 | 4 | 0 |
| | 1730 | 458 | 1004.4 | 954.2 | +1.2 | 28.0 | 22.5 | 19.7 | 23.2 | 63 | + 2 | 6.7 | +0.4 | 7.5 | 0 | 0 | 29 | 01 | 9 | 3 | 2 | 0 | 3 | 8 | 3 | 1 | 0 |
| Bijapur | 0830 | 594 | 1009.5 | 943.6 | +1.0 | 23.1 | 21.4 | 20.2 | 24.1 | 84 | + 4 | 6.9 | +1.5 | 6.7 | 0 | 0 | 28 | 06 | 4 | 1 | 1 | 0 | 3 | 9 | 3 | 2 | 1 |
| | 1730 | 594 | 1004.6 | 940.1 | +1.1 | 28.7 | 22.2 | 19.0 | 22.0 | 58 | - 1 | 7.5 | +1.3 | 7.0 | 0 | 0 | 29 | 03 | 2 | 4 | 4 | 1 | 0 | 8 | 7 | 1 | 0 |
| Raichur | 0830 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum | 0830 | 753 | 1010.5 | 927.6 | +1.3 | 22.1 | 21.1 | 20.7 | 24.3 | 92 | + 3 | 6.5 | +0.9 | 3.4 | 0 | 0 | 20 | 00 | 1 | 5 | 1 | 0 | 0 | 12 | 1 | 10 | 0 |
| | 1730 | 753 | 1006.2 | 924.2 | +0.5 | 24.3 | 22.4 | 21.5 | 25.6 | 85 | + 4 | 6.7 | +0.6 | 5.9 | 0 | 0 | 29 | 00 | 0 | 4 | 1 | 0 | 2 | 20 | 2 | 1 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1008.5 | 925.9 | .. | 20.2 | 19.6 | 19.3 | 22.4 | 94 | .. | 6.3 | .. | 4.7 | 0 | 1 | 14 | 00 | 2 | 1 | 0 | 1 | 2 | 9 | 0 | 15 | 0 |
| | 0830 | 747 | 1009.7 | 927.4 | +0.8 | 22.1 | 20.5 | 19.7 | 22.9 | 87 | - 2 | 6.5 | +0.2 | 9.4 | 0 | 4 | 22 | 00 | 6 | 1 | 0 | 1 | 4 | 11 | 3 | 4 | 0 |
| | 1130 | 747 | 1008.6 | 927.3 | .. | 25.7 | 21.6 | 19.6 | 22.7 | 69 | .. | 6.6 | .. | 14.6 | 0 | 9 | 21 | 03 | 5 | 3 | 3 | 0 | 2 | 11 | 3 | 0 | 0 |
| | 1430 | 747 | 1005.7 | 924.9 | .. | 26.4 | 21.6 | 19.2 | 22.2 | 66 | .. | 7.0 | .. | 14.3 | 0 | 9 | 21 | 02 | 4 | 4 | 0 | 2 | 2 | 14 | 2 | 0 | 0 |
| | 1730 | 747 | 1005.9 | 924.6 | +0.4 | 24.6 | 21.6 | 20.1 | 23.5 | 77 | - 2 | 7.2 | +0.8 | 15.0 | 0 | 10 | 19 | 00 | 2 | 1 | 1 | 1 | 4 | 17 | 3 | 1 | 0 |
| | 2030 | 747 | 1008.7 | 926.5 | .. | 22.1 | 20.9 | 20.4 | 23.8 | 90 | .. | 6.3 | .. | 8.7 | 0 | 2 | 23 | 00 | 3 | 1 | 0 | 0 | 2 | 19 | 0 | 5 | 0 |
| Gadag | 0530 | 650 | 1008.5 | 936.3 | .. | 21.0 | 20.5 | 20.3 | 23.8 | 96 | .. | 5.4 | .. | 7.7 | 0 | 1 | 24 | 00 | 4 | 0 | 0 | 0 | 4 | 17 | 0 | 5 | 0 |
| | 0830 | 650 | 1009.7 | 937.8 | +0.5 | 22.4 | 21.6 | 20.8 | 25.2 | 90 | + 7 | 6.1 | +0.0 | 8.2 | 0 | 2 | 26 | 02 | 5 | 1 | 0 | 0 | 3 | 15 | 2 | 2 | 0 |
| | 1130 | 650 | 1008.2 | 937.5 | .. | 27.1 | 22.6 | 20.4 | 24.1 | 67 | .. | 6.4 | .. | 9.9 | 0 | 3 | 25 | 02 | 2 | 4 | 0 | 0 | 2 | 12 | 4 | 2 | 2 |
| | 1430 | 650 | 1005.2 | 934.9 | .. | 28.2 | 22.7 | 20.1 | 23.5 | 63 | .. | 6.4 | .. | 10.9 | 0 | 7 | 19 | 00 | 2 | 4 | 0 | 0 | 5 | 8 | 1 | 4 | 6 |
| | 1730 | 650 | 1005.0 | 934.5 | +0.7 | 27.0 | 22.3 | 20.0 | 23.5 | 67 | + 1 | 7.0 | +0.7 | 9.7 | 0 | 4 | 25 | 02 | 6 | 2 | 0 | 0 | 4 | 12 | 3 | 1 | 0 |
| | 2030 | 650 | 1008.3 | 936.7 | .. | 23.7 | 21.5 | 20.4 | 24.0 | 82 | .. | 5.2 | .. | 9.0 | 0 | 3 | 21 | 00 | 2 | 3 | 0 | 0 | 4 | 14 | 1 | 6 | 0 |
| | 2330 | 650 | 1009.5 | 937.5 | .. | 22.3 | 21.1 | 20.6 | 24.1 | 90 | .. | 5.1 | .. | 8.7 | 0 | 1 | 28 | 02 | 1 | 3 | 1 | 1 | 6 | 14 | 1 | 1 | 0 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1009.2 | 959.2 | +0.6 | 24.7 | 23.1 | 22.3 | 26.9 | 86 | +13 | 5.1 | -0.6 | 6.2 | 0 | 0 | 22 | 00 | 0 | 0 | 5 | 0 | 0 | 8 | 9 | 8 | 0 |
| | 1730 | 449 | 1004.4 | 955.2 | +0.7 | 28.9 | 24.8 | 22.8 | 27.9 | 72 | +17 | 6.3 | +0.2 | 8.4 | 0 | 2 | 24 | 01 | 0 | 0 | 7 | 0 | 1 | 10 | 7 | 4 | 0 |
| Chitradurga | 0830 | 733 | 1009.6 | 928.8 | +0.2 | 21.9 | 20.4 | 19.6 | 22.8 | 87 | + 4 | 6.1 | -0.3 | 7.7 | 0 | 0 | 26 | 01 | 0 | 4 | 0 | 0 | 9 | 12 | 0 | 4 | 0 |
| | 1730 | 733 | 1004.8 | 925.5 | +0.5 | 26.9 | 21.4 | 18.8 | 21.7 | 64 | + 1 | 5.5 | -0.7 | 9.5 | 0 | 0 | 28 | 00 | 2 | 4 | 1 | 0 | 4 | 16 | 1 | 2 | 0 |
| Shimoga | 0830 | 571 | 1009.5 | 946.3 | +0.0 | 23.0 | 21.2 | 20.3 | 23.8 | 85 | + 0 | 7.6 | +1.1 | 3.0 | 0 | 0 | 30 | 00 | 0 | 3 | 1 | 1 | 1 | 19 | 15 | 0 | 0 |
| | 1730 | 571 | 1005.3 | 942.9 | +0.1 | 26.1 | 22.3 | 20.2 | 24.1 | 70 | - 4 | 6.8 | +0.7 | 4.7 | 0 | 0 | 30 | 02 | 0 | 1 | 0 | 1 | 2 | 20 | 4 | 0 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 21.8 | 21.0 | 20.7 | 24.3 | 93 | .. | . | .. | 7.0 | 0 | 1 | 21 | 00 | 7 | 3 | 0 | 0 | 6 | 5 | 0 | 8 | 0 |
| Balehonnur | 0830 | | .. | .. | .. | 20.8 | 20.0 | 19.7 | 22.8 | 93 | + 0 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1500.0 | 905.3 | +0.3 | 20.2 | 19.3 | 18.9 | 21.8 | 92 | + 6 | 6.2 | +0.1 | 4.1 | 0 | 0 | 23 | 01 | 0 | 2 | 1 | 1 | 5 | 13 | 0 | 7 | 0 |
| | 1730 | 960 | 1478.3 | 902.3 | +0.3 | 23.8 | 20.6 | 19.0 | 22.0 | 76 | + 1 | 6.6 | +0.3 | 4.1 | 0 | 0 | 30 | 01 | 0 | 1 | 1 | 1 | 8 | 16 | 0 | 0 | 0 |
| Bangalore | 0230 | 921 | 1492.0 | 908.5 | .. | 20.2 | 19.3 | 18.9 | 21.8 | 92 | .. | 5.5 | .. | 6.8 | 0 | 0 | 20 | 00 | 0 | 0 | 0 | 0 | 4 | 15 | 1 | 10 | 0 |
| | 0830 | 921 | 1506.6 | 909.9 | +1.0 | 21.1 | 19.8 | 19.1 | 22.1 | 89 | + 4 | 6.6 | -0.3 | 5.9 | 0 | 0 | 23 | 01 | 0 | 1 | 1 | 1 | 4 | 10 | 5 | 7 | 0 |
| | 1130 | 921 | 1511.0 | 909.5 | .. | 25.1 | 21.2 | 19.3 | 22.4 | 71 | .. | 6.6 | .. | 8.3 | 0 | 1 | 24 | 01 | 2 | 1 | 1 | 0 | 6 | 9 | 5 | 5 | 0 |
| | 1430 | 921 | 1492.8 | 907.3 | .. | 26.3 | 21.3 | 18.5 | 21.7 | 62 | .. | 6.8 | .. | 9.7 | 0 | 2 | 25 | 03 | 2 | 2 | 1 | 0 | 4 | 9 | 6 | 3 | 0 |
| | 1730 | 921 | 1485.9 | 906.9 | +1.3 | 25.3 | 20.7 | 18.3 | 21.0 | 67 | + 5 | 6.9 | +0.1 | 8.2 | 0 | 2 | 24 | 01 | 3 | 1 | 3 | 0 | 7 | 4 | 7 | 4 | 0 |
| | 2030 | 921 | 1499.6 | 908.9 | .. | 22.5 | 20.2 | 19.0 | 22.1 | 81 | .. | 5.2 | .. | 6.5 | 0 | 0 | 22 | 01 | 2 | 1 | 0 | 0 | 3 | 9 | 6 | 8 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1483.1 | 910.2 | .. | 19.8 | 19.2 | 18.9 | 21.8 | 95 | .. | 5.8 | .. | 8.4 | 0 | 3 | 16 | 00 | 1 | 0 | 0 | 0 | 4 | 13 | 1 | 11 | 0 |
| | 0830 | 897 | 1501.8 | 911.9 | +0.6 | 21.4 | 20.1 | 19.3 | 22.7 | 88 | + 5 | 6.2 | -0.2 | 12.3 | 0 | 6 | 19 | 01 | 1 | 1 | 1 | 0 | 2 | 16 | 3 | 5 | 0 |
| | 1130 | 897 | 1503.3 | 911.3 | .. | 25.1 | 21.1 | 19.0 | 22.1 | 70 | .. | 6.1 | .. | 14.6 | 0 | 9 | 13 | 02 | 2 | 1 | 0 | 0 | 2 | 10 | 5 | 8 | 0 |
| | 1730 | 897 | 1476.5 | 908.5 | +0.7 | 25.1 | 21.1 | 19.1 | 22.1 | 71 | + 9 | 6.6 | +0.1 | 11.4 | 0 | 4 | 14 | 01 | 2 | 2 | 0 | 1 | 2 | 11 | 2 | 9 | 0 |
| | 2330 | 897 | 1498.2 | 911.5 | .. | 21.2 | 19.9 | 19.3 | 22.4 | 89 | .. | 6.1 | .. | 8.6 | 0 | 4 | 16 | 02 | 0 | 1 | 0 | 0 | 1 | 15 | 1 | 10 | 0 |
| Mysore | 0830 | 767 | 1010.5 | 926.0 | +0.5 | 21.7 | 20.0 | 19.2 | 22.1 | 86 | + 3 | 4.1 | -1.6 | 9.5 | 0 | 1 | 29 | 02 | 5 | 0 | 3 | 6 | 6 | 4 | 4 | 0 | 0 |
| | 1730 | 767 | 1005.3 | 922.8 | +0.4 | 26.4 | 20.8 | 17.8 | 20.5 | 65 | + 4 | 4.6 | -1.5 | 15.3 | 0 | 11 | 19 | 00 | 3 | 0 | 3 | 1 | 18 | 1 | 4 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1009.2 | 1008.6 | .. | 25.0 | 24.4 | 24.1 | 30.0 | 95 | .. | 4.1 | .. | 2.3 | 0 | 1 | 8 | 00 | 2 | 5 | 0 | 1 | 0 | 1 | 0 | 21 | 0 |
| | 0830 | 5 | 1010.8 | 1010.2 | +0.2 | 26.1 | 24.8 | 24.2 | 30.4 | 89 | + 1 | 5.0 | -0.7 | 2.8 | 0 | 0 | 13 | 01 | 0 | 4 | 0 | 1 | 2 | 1 | 4 | 17 | 0 |
| | 1130 | 5 | 1010.7 | 1010.1 | .. | 28.2 | 26.1 | 25.3 | 32.2 | 85 | .. | 4.3 | .. | 5.3 | 0 | 0 | 27 | 00 | 0 | 1 | 0 | 8 | 0 | 14 | 4 | 3 | 0 |
| | 1430 | 5 | 1008.8 | 1008.2 | .. | 28.9 | 26.8 | 25.9 | 33.4 | 84 | .. | 4.5 | .. | 5.7 | 0 | 0 | 25 | 00 | 0 | 2 | 0 | 2 | 3 | 16 | 2 | 5 | 0 |
| | 1730 | 5 | 1008.3 | 1007.7 | +0.5 | 27.7 | 25.9 | 25.2 | 31.9 | 87 | + 5 | 5.7 | -0.2 | 4.9 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 2 | 1 | 10 | 12 | 4 | 0 |
| | 2330 | 5 | 1010.5 | 1009.9 | .. | 26.1 | 25.4 | 25.1 | 31.9 | 94 | .. | 3.8 | .. | 2.4 | 0 | 0 | 12 | 02 | 1 | 5 | 0 | 0 | 0 | 2 | 2 | 18 | 0 |
| Palghat | 0830 | 97 | 1010.8 | 999.7 | +0.5 | 25.9 | 24.3 | 23.5 | 29.1 | 87 | + 0 | 5.9 | +0.1 | 9.3 | 0 | 0 | 29 | 00 | 0 | 0 | 1 | 0 | 10 | 17 | 1 | 1 | 0 |
| | 1730 | 97 | 1007.4 | 996.2 | +0.4 | 27.6 | 24.3 | 22.8 | 27.6 | 76 | + 3 | 6.0 | -0.1 | 10.1 | 0 | 1 | 29 | 00 | 1 | 0 | 0 | 0 | 5 | 24 | 0 | 0 | 0 |
| Port Cochin | 0830 | 3 | 1010.7 | 1010.4 | -0.3 | 26.4 | 24.7 | 23.9 | 29.7 | 87 | + 3 | 7.4 | +1.2 | 4.9 | 0 | 0 | 26 | 02 | 5 | 5 | 1 | 0 | 2 | 7 | 4 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS — SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KERALA (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fort Cochin (Contd.) | 1730 | 3 | 1008.0 | 1007.7 | +0.0 | 27.[illegible] | 25.2 | 24.3 | 30.4 | 85 | + 1 | 7.1 | +0.7 | 11.1 | 0 | 0 | 29 | 01 | 1 | 0 | 2 | 0 | 1 | 8 | 16 | 1 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1009.5 | 1009.2 | .. | 24.7 | 24.1 | 23.8 | 29.5 | 94 | .. | 6.8 | .. | 1.1 | 0 | 0 | 5 | 01 | 0 | 2 | 1 | 0 | 0 | 0 | 1 | 25 | 0 |
| | 0530 | 3 | 1009.4 | 1009.1 | .. | 24.[illegible] | 23.8 | 23.5 | 28.9 | 95 | .. | 6.2 | .. | 0.8 | 0 | 0 | 5 | 00 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 25 | 0 |
| | 0830 | 3 | 1011.1 | 1010.7 | .. | 26.[illegible] | 24.5 | 23.7 | 29.3 | 86 | .. | 6.2 | .. | 2.9 | 0 | 0 | 12 | 01 | 3 | 4 | 2 | 1 | 1 | 0 | 0 | 18 | 0 |
| | 1130 | 3 | 1010.9 | 1010.6 | .. | 28.5 | 25.1 | 23.6 | 29.1 | 75 | .. | 6.2 | .. | 14.3 | 0 | 1 | 28 | 00 | 1 | 1 | 1 | 3 | 3 | 9 | 11 | 1 | 0 |
| | 1730 | 3 | 1008.2 | 1007.9 | .. | 27.5 | 24.9 | 23.8 | 29.3 | 80 | .. | 6.7 | .. | 12.4 | 0 | 1 | 26 | 00 | 0 | 1 | 0 | 1 | 1 | 13 | 11 | 3 | 0 |
| | 2330 | 3 | 1011.0 | 1010.7 | .. | 25.4 | 24.3 | 23.8 | 29.5 | 91 | .. | 6.7 | .. | 12.6 | 0 | 0 | 7 | 01 | 0 | 2 | 1 | 0 | 0 | 2 | 1 | 23 | 0 |
| Alleppey | 0830 | 4 | 1011.2 | 1010.8 | +0.8 | 26.2 | 24.8 | 24.2 | 30.2 | 89 | + 3 | 6.4 | +0.2 | 6.3 | 0 | 0 | 29 | 00 | 13 | 10 | 0 | 0 | 3 | 1 | 2 | 1 | 0 |
| | 1730 | 4 | 1008.3 | 1007.9 | +0.7 | 27.8 | 25.3 | 24.1 | 30.0 | 81 | - 1 | 6.5 | +0.2 | 21.5 | 0 | 23 | 7 | 01 | 0 | 0 | 1 | 0 | 0 | 8 | 20 | 0 | 0 |
| Punalur | 0830 | 34 | 1011.1 | 1007.3 | +0.6 | 25.4 | 24.2 | 23.7 | 29.3 | 91 | + 0 | 6.0 | +0.9 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 34 | 1007.1 | 1003.9 | +0.3 | 28.4 | 25.0 | 23.4 | 28.9 | 75 | + 4 | 7.6 | +1.6 | 5.6 | 0 | 0 | 23 | 02 | 0 | 1 | 0 | 0 | 5 | 9 | 6 | 7 | 0 |
| Trivandrum | 0230 | 64 | 1009.2 | 1001.8 | .. | 24.3 | 23.7 | 23.4 | 28.8 | 98 | .. | 5.7 | .. | 2.9 | 0 | 0 | 14 | 01 | 1 | 0 | 0 | 0 | 0 | 2 | 10 | 16 | 0 |
| | 0530 | 64 | 1009.3 | 1001.9 | .. | 24.0 | 23.4 | 23.1 | 28.3 | 98 | .. | 5.3 | .. | 4.7 | 0 | 0 | 22 | 07 | 1 | 0 | 1 | 0 | 0 | 0 | 13 | 8 | 0 |
| | 0830 | 64 | 1011.1 | 1003.8 | +0.3 | 25.6 | 24.2 | 23.5 | 28.9 | 89 | + 3 | 5.7 | +0.6 | 6.8 | 0 | 0 | 25 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 5 | 0 |
| | 1130 | 64 | 1010.5 | 1003.3 | .. | 28.3 | 24.8 | 23.2 | 28.3 | 74 | .. | 6.2 | .. | 13.1 | 0 | 2 | 28 | 05 | 2 | 0 | 0 | 0 | 1 | 5 | 17 | 0 | 0 |
| | 1430 | 64 | 1008.3 | 1000.8 | .. | 28.6 | 25.0 | 23.3 | 28.8 | 74 | .. | 7.5 | .. | 13.7 | 0 | 2 | 27 | 01 | 0 | 0 | 0 | 0 | 1 | 6 | 21 | 1 | 0 |
| | 1730 | 64 | 1007.9 | 1000.7 | +0.3 | 27.3 | 24.8 | 23.7 | 29.1 | 81 | + 4 | 6.3 | +0.7 | 12.7 | 0 | 4 | 24 | 03 | 0 | 0 | 0 | 0 | 1 | 5 | 19 | 2 | 0 |
| | 2030 | 64 | 1010.2 | 1002.9 | .. | 25.9 | 24.5 | 23.9 | 29.7 | 89 | .. | 5.9 | .. | 7.1 | 0 | 0 | 27 | 03 | 0 | 0 | 0 | 0 | 1 | 0 | 23 | 3 | 0 |
| | 2330 | 64 | 1010.8 | 1003.5 | .. | 25.2 | 24.3 | 23.9 | 29.7 | 93 | .. | 5.9 | .. | 6.9 | 0 | 0 | 24 | 02 | 2 | 0 | 0 | 0 | 0 | 3 | 17 | 6 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1011.3 | 1010.4 | +0.7 | 26.5 | 24.4 | 23.4 | 28.9 | 84 | + 2 | 6.0 | +0.7 | 17.0 | 0 | 17 | 7 | 19 | 2 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1008.0 | 1007.6 | .. | 26.8 | 24.7 | 23.8 | 29.3 | 84 | .. | 5.4 | .. | 22.4 | 0 | 17 | 13 | 03 | 0 | 0 | 0 | 0 | 4 | 9 | 14 | 0 | 0 |
| | 0830 | 4 | 1009.9 | 1009.5 | -0.5 | 27.5 | 25.1 | 24.0 | 29.8 | 82 | + 0 | 5.8 | +0.6 | 21.8 | 0 | 17 | 13 | 07 | 0 | 0 | 0 | 0 | 2 | 12 | 9 | 0 | 0 |
| | 1130 | 4 | 1010.1 | 1009.7 | .. | 28.7 | 25.6 | 24.3 | 30.4 | 78 | .. | 6.0 | .. | 21.1 | 0 | 16 | 13 | 05 | 0 | 0 | 0 | 0 | 0 | 13 | 11 | 1 | 0 |
| | 1730 | 4 | 1007.2 | 1006.8 | .. | 28.1 | 25.5 | 24.4 | 30.5 | 81 | .. | 5.5 | .. | 24.2 | 0 | 18 | 12 | 04 | 0 | 0 | 0 | 0 | 2 | 11 | 13 | 0 | 0 |
| | 2330 | 4 | 1009.7 | 1009.2 | .. | 27.1 | 25.0 | 24.1 | 30.0 | 83 | .. | 5.3 | .. | 24.5 | 1 | 16 | 13 | 05 | 0 | 0 | 0 | 0 | 2 | 11 | 12 | 0 | 0 |
| Agatti | 0830 | 4 | 1010.0 | 1009.5 | .. | 27.3 | 24.9 | 23.7 | 29.5 | 81 | .. | 6.4 | .. | 15.7 | 0 | 7 | 22 | 04 | 0 | 0 | 0 | 0 | 2 | 11 | 12 | 1 | 0 |
| | 1730 | 4 | 1007.8 | 1007.3 | .. | 27.8 | 25.2 | 24.0 | 29.8 | 80 | .. | 6.1 | .. | 18.1 | 0 | 11 | 19 | 02 | 0 | 0 | 0 | 0 | 1 | 9 | 18 | 0 | 0 |
| Androth | 0830 | 5 | 1010.5 | 1010.0 | .. | 27.3 | 25.5 | 24.7 | 31.1 | 86 | .. | 6.5 | .. | 3.7 | 0 | 0 | 27 | 04 | 0 | 0 | 0 | 0 | 3 | 5 | 10 | 3 | 5 |
| | 1730 | 5 | 1007.9 | 1007.4 | .. | 27.8 | 25.8 | 24.9 | 31.5 | 85 | .. | 5.9 | .. | 6.4 | 0 | 0 | 26 | 02 | 0 | 0 | 0 | 0 | 0 | 2 | 22 | 4 | 0 |
| Minicoy | 0530 | 2 | 1009.5 | 1009.3 | .. | 26.6 | 23.9 | 22.7 | 27.6 | 79 | .. | 5.0 | .. | 9.6 | 0 | 5 | 18 | 01 | 0 | 0 | 0 | 0 | 0 | 14 | 8 | 7 | 0 |
| | 0830 | 2 | 1011.2 | 1011.0 | +0.0 | 27.8 | 24.8 | 23.5 | 28.8 | 77 | - 2 | 5.8 | +0.3 | 8.9 | 0 | 1 | 27 | 02 | 0 | 0 | 0 | 0 | 0 | 16 | 10 | 2 | 0 |
| | 1130 | 2 | 1011.3 | 1011.1 | .. | 29.1 | 25.3 | 23.5 | 29.1 | 72 | .. | 5.6 | .. | 11.5 | 0 | 1 | 29 | 00 | 0 | 0 | 0 | 0 | 2 | 19 | 9 | 0 | 0 |
| | 1430 | 2 | 1009.0 | 1008.8 | .. | 29.2 | 25.3 | 23.5 | 28.9 | 72 | .. | 5.5 | .. | 12.3 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 0 | 1 | 17 | 11 | 0 | 0 |
| | 1730 | 2 | 1008.5 | 1008.3 | +0.0 | 28.4 | 24.8 | 23.2 | 28.3 | 73 | - 6 | 5.5 | -0.3 | 10.5 | 0 | 1 | 28 | 01 | 0 | 0 | 0 | 0 | 0 | 19 | 9 | 1 | 0 |
| | 2030 | 2 | 1010.2 | 1010.4 | .. | 27.4 | 24.3 | 22.9 | 27.9 | 76 | .. | 4.1 | .. | 10.8 | 0 | 4 | 24 | 01 | 0 | 0 | 0 | 0 | 3 | 12 | 12 | 2 | 0 |
| | 2330 | 2 | 1011.2 | 1011.0 | .. | 27.2 | 24.2 | 22.9 | 27.7 | 77 | .. | 4.3 | .. | 10.6 | 0 | 4 | 24 | 00 | 0 | 0 | 0 | 0 | 2 | 11 | 15 | 2 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1421.3 | 798.5 | +0.3 | 16.6 | 13.8 | 11.7 | 13.7 | 75 | - 9 | 1.8 | -0.4 | 2.3 | 0 | 0 | 23 | 01 | 17 | 0 | 2 | 0 | 2 | 0 | 0 | 7 | 1 |
| | 1730 | 1959 | 1407.4 | 797.4 | +0.4 | 17.9 | 15.7 | 14.2 | 16.2 | 81 | - 2 | 3.7 | +0.5 | 2.7 | 0 | 0 | 25 | 00 | 6 | 3 | 2 | 1 | 3 | 8 | 2 | 5 | 0 |
| Dharmsala | 0830 | 1211 | 1526.5 | 881.5 | +0.9 | 22.2 | 18.4 | 15.7 | 17.8 | 69 | - 4 | 4.1 | +0.6 | 2.1 | 0 | 0 | 20 | 00 | 8 | 5 | 1 | 3 | 0 | 2 | 1 | 10 | 0 |
| | 1730 | 1211 | 1505.6 | 879.6 | +0.5 | 23.2 | 19.9 | 18.1 | 20.8 | 74 | + 0 | 5.2 | +0.7 | 3.8 | 0 | 0 | 30 | 02 | 2 | 3 | 0 | 1 | 12 | 9 | 1 | 0 | 0 |
| Bhuntar | 0830 | 1096 | 148[illegible].7 | 889.8 | .. | 18.3 | 16.5 | 15.3 | 17.4 | 83 | .. | 3.6 | .. | 1.7 | 0 | 0 | 16 | 04 | 3 | 2 | 3 | 0 | 0 | 2 | 2 | 14 | 0 |
| | 1130 | 1096 | 1482.0 | 888.4 | .. | 25.1 | 18.5 | 14.2 | 16.2 | 52 | .. | 3.5 | .. | 4.3 | 0 | 0 | 23 | 02 | 0 | 3 | 5 | 12 | 1 | 0 | 0 | 7 | 0 |
| | 1730 | 1096 | 1457.9 | 886.1 | .. | 24.5 | 18.5 | 14.4 | 16.4 | 56 | .. | 4.6 | .. | 13.1 | 0 | 10 | 18 | 02 | 1 | 3 | 10 | 7 | 0 | 3 | 2 | 2 | 0 |
| Simla | 0830 | 2202 | 1473.0 | 780.8 | +0.0 | 15.9 | 12.5 | 9.8 | 12.1 | 69 | - 6 | 3.7 | -0.6 | 0.7 | 0 | 0 | 11 | 00 | 4 | 0 | 4 | 0 | 0 | 1 | 2 | 19 | 0 |
| | 1730 | 2202 | 1458.7 | 779.8 | +0.3 | 16.6 | 14.3 | 12.8 | 14.8 | 80 | - 2 | 5.2 | +0.1 | 1.4 | 0 | 0 | 21 | 03 | 6 | 0 | 5 | 1 | 3 | 0 | 3 | 9 | 0 |
| Ghangaria (Kanjalia Tok) | 0830 | | .. | .. | .. | 8.4 | 7.0 | 5.8 | 9.2 | 84 | .. | 2.2 | .. | 2.2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | 809.6 | +0.7 | 17.3 | 14.6 | 12.7 | 14.7 | 76 | - 7 | 2.8 | -2.5 | 7.3 | 0 | 0 | 30 | 01 | 7 | 18 | 1 | 0 | 0 | 2 | 1 | 0 | 0 |
| | 1730 | | .. | 807.4 | +0.8 | 19.9 | 15.6 | 12.8 | 14.8 | 65 | - 9 | 5.0 | -1.0 | 6.8 | 0 | 0 | 30 | 00 | 4 | 6 | 0 | 4 | 5 | 11 | 0 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1475.6 | 795.8 | -0.7 | 16.5 | 14.2 | 12.5 | 14.5 | 78 | - 8 | 3.8 | -0.7 | 1.2 | 0 | 0 | 12 | 02 | 1 | 0 | 3 | 5 | 1 | 0 | 0 | 18 | 0 |
| | 1730 | 2042 | 1460.1 | 794.4 | -0.7 | 16.6 | 15.6 | 15.0 | 17.0 | 91 | - 3 | 5.8 | -0.3 | 2.1 | 0 | 0 | 22 | 03 | 1 | 0 | 6 | 8 | 2 | 0 | 2 | 8 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3139.9 | 772.6 | +1.1 | 15.4 | 13.0 | 11.1 | 13.2 | 77 | - 8 | 3.9 | -0.5 | 6.5 | 0 | 3 | 20 | 00 | 2 | 6 | 3 | 1 | 2 | 6 | 3 | 7 | 0 |
| | 1730 | 2311 | 3122.9 | 770.9 | +1.2 | 16.1 | 14.7 | 13.8 | 15.8 | 86 | - 3 | 4.5 | -0.7 | 12.2 | 0 | 2 | 25 | 00 | 0 | 1 | 2 | 1 | 7 | 12 | 4 | 3 | 0 |
| Nainital | 0830 | 1953 | 1476.7 | 804.4 | +1.1 | 17.6 | 13.8 | 11.1 | 13.2 | 68 | -11 | 3.1 | -1.6 | 7.0 | 0 | 4 | 14 | 04 | 1 | 6 | 4 | 0 | 0 | 2 | 1 | 12 | 0 |
| | 1730 | 1953 | 1454.0 | 802.2 | +0.9 | 17.3 | 14.5 | 12.6 | 14.6 | 75 | - 8 | 2.4 | -2.8 | 6.9 | 0 | 1 | 29 | 02 | 0 | 5 | 3 | 1 | 0 | 18 | 1 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1478.6 | 877.1 | +0.3 | 21.0 | 19.6 | 18.9 | 21.8 | 88 | - 1 | 4.8 | +0.0 | 3.9 | 0 | 0 | 30 | 00 | 0 | 0 | 8 | 1 | 0 | 0 | 21 | 0 | 0 |
| | 1730 | 1209 | 1453.8 | 874.5 | +0.3 | 21.3 | 20.0 | 19.5 | 22.7 | 89 | - 2 | 4.4 | -0.4 | 4.1 | 0 | 0 | 30 | 00 | 0 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1506.2 | 790.9 | -0.2 | 16.3 | 15.6 | 15.2 | 17.3 | 93 | + 7 | 6.6 | +0.1 | 0.3 | 0 | 0 | 4 | 01 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 26 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Darjeeling (Contd.) | 1730 | 2128 | 1482.1 | 788.6 | -0.2 | 16.0 | 15.6 | 15.4 | 17.5 | 95 | + 2 | 6.7 | -0.4 | 0.7 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 0 | 1 | 1 | 0 | 26 | 1 |
| Kohima | 0830 | 1406 | 1558.7 | 865.2 | +4.1 | 20.0 | 18.6 | 17.8 | 20.4 | 87 | + 2 | 6.3 | +0.3 | 2.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| | 1730 | 1406 | 1520.1 | 861.4 | +3.1 | 21.2 | 19.7 | 18.9 | 21.8 | 87 | - 4 | 7.2 | +0.8 | 2.0 | 0 | 0 | 30 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 | 0 |
| Shillong (C.S.O.) | 0830 | 1598 | 1487.1 | 839.5 | -9.3 | 20.6 | 18.1 | 16.8 | 19.1 | 80 | + 1 | 5.4 | -0.5 | 2.1 | 0 | 0 | 15 | 00 | 1 | 1 | 2 | 1 | 2 | 4 | 4 | 15 | 0 |
| | 1730 | 1598 | 1463.1 | 837.1 | -8.7 | 18.6 | 17.8 | 17.4 | 19.9 | 93 | + 4 | 6.2 | -0.9 | 0.5 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 26 | 0 |
| Cherrapunji | 0830 | 1313 | 1470.8 | 865.8 | -1.7 | 20.4 | 19.2 | 18.6 | 21.4 | 89 | + 2 | . | .. | 6.1 | 0 | 0 | 30 | 01 | 22 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1460.9 | 864.8 | +0.0 | 20.2 | 19.2 | 18.3 | 21.0 | 87 | - 4 | . | .. | 7.1 | 0 | 0 | 30 | 01 | 11 | 0 | 0 | 0 | 14 | 3 | 1 | 0 | 0 |
| Abu | 0830 | 1195 | 1510.3 | 881.9 | +3.8 | 20.5 | 17.8 | 16.0 | 18.2 | 77 | - 6 | 2.3 | -2.1 | 1.0 | 0 | 0 | 7 | 00 | 0 | 0 | 0 | 3 | 3 | 1 | 0 | 23 | 0 |
| | 1730 | 1195 | 1479.1 | 878.3 | +2.0 | 23.7 | 18.6 | 15.4 | 17.5 | 63 | -13 | 2.3 | -2.6 | 2.2[b] | 0 | 0 | 15 | 02 | 0 | 0 | 0 | 6 | 6 | 1 | 0 | 14 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1492.7 | 892.1 | +1.4 | 22.1 | 18.9 | 17.0 | 19.3 | 78 | - 8 | 4.5 | -1.5 | 3.5 | 0 | 0 | 24 | 04 | 3 | 4 | 0 | 0 | 2 | 2 | 9 | 6 | 0 |
| | 1730 | 1075 | 1470.9 | 889.5 | +1.4 | 24.6 | 19.3 | 16.1 | 18.1 | 62 | -20 | 4.9 | -1.3 | 3.6 | 0 | 0 | 23 | 00 | 6 | 1 | 0 | 0 | 2 | 3 | 11 | 7 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1496.0 | 861.6 | +0.5 | 17.8 | 17.1 | 16.7 | 19.0 | 93 | - 3 | 5.6 | -1.5 | 13.4 | 0 | 4 | 26 | 00 | 15 | 0 | 0 | 0 | 8 | 1 | 6 | 0 | 0 |
| | 1730 | 1382 | 1479.0 | 859.9 | +0.7 | 19.4 | 18.5 | 18.0 | 20.6 | 92 | - 6 | 6.6 | -1.0 | 12.5 | 0 | 2 | 28 | 00 | 11 | 0 | 0 | 0 | 11 | 0 | 8 | 0 | 0 |
| Mercara | 0830 | 1152 | 1499.0 | 885.2 | +0.3 | 19.0 | 18.3 | 17.9 | 20.5 | 93 | - 1 | 5.4 | -0.5 | 12.0 | 0 | 4 | 26 | 02 | 2 | 0 | 0 | 0 | 0 | 14 | 1 | 0 | 11 |
| | 1730 | 1152 | 1481.9 | 883.3 | +0.4 | 20.5 | 19.4 | 18.9 | 21.8 | 90 | - 1 | 5.2 | -0.7 | 13.5 | 0 | 3 | 27 | 01 | 0 | 0 | 0 | 0 | 0 | 20 | 2 | 0 | 7 |
| Ootacamund | 0830 | 2249 | 1508.2 | 779.5 | +0.7 | 13.2 | 12.4 | 11.9 | 13.9 | 91 | + 3 | 4.5 | -0.5 | 2.1 | 0 | 0 | 11 | 00 | 0 | 0 | 0 | 0 | 3 | 8 | 0 | 19 | 0 |
| | 1730 | 2249 | 1478.2 | 777.3 | +0.3 | 15.1 | 13.7 | 12.9 | 14.8 | 87 | + 2 | 6.1 | -0.4 | 1.9 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 4 | 5 | 0 | 21 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 18.9 | 15.9 | 14.1 | 16.1 | 74 | + 4 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3149.5 | 771.1 | +0.4 | 14.1 | 12.9 | 12.0 | 14.1 | 88 | + 9 | 5.8 | +0.8 | 7.5 | 0 | 2 | 24 | 03 | 1 | 1 | 3 | 1 | 0 | 7 | 10 | 4 | 0 |
| | 1130 | 2343 | 3156.7 | 771.1 | .. | 16.7 | 14.6 | 13.3 | 15.3 | 81 | .. | 7.0 | .. | 8.1 | 0 | 0 | 27 | 02 | 0 | 1 | 8 | 2 | 1 | 6 | 7 | 3 | 0 |
| | 1730 | 2343 | 3128.7 | 769.2 | +0.3 | 14.1 | 13.4 | 13.0 | 14.9 | 93 | + 3 | 7.4 | +0.3 | 7.6 | 0 | 1 | 24 | 02 | 1 | 1 | 6 | 0 | 0 | 7 | 8 | 5 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1488.3 | 866.5 | -0.2 | 20.4 | 18.5 | 17.5 | 20.0 | 84 | + 1 | 4.2 | -1.8 | 0.3 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 28 | 0 |
| | 1130 | 1324 | 1480.4 | 865.5 | .. | 25.1 | 20.2 | 17.4 | 20.0 | 63 | .. | 4.8 | .. | 0.2 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 1324 | 1459.7 | 863.5 | -0.4 | 22.9 | 19.8 | 18.2 | 21.0 | 75 | - 7 | 4.3 | -1.5 | 0.4 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 2 | 0 | 2 | 26 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 13.1 | 10.5 | 8.4 | 11.0 | 73 | -13 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 28.5 | 23.6 | 21.1 | 25.0 | 66 | .. | 2.6 | .. | 10.1 | 0 | 4 | 24 | 00 | 0 | 7 | 1 | 0 | 0 | 10 | 10 | 2 | 0 |
| | 1730 | | .. | .. | .. | 30.2 | 23.6 | 20.1 | 23.3 | 57 | .. | 3.8 | .. | 8.9 | 0 | 0 | 29 | 02 | 1 | 6 | 1 | 0 | 0 | 5 | 14 | 1 | 0 |
| Hazaribagh | 0830 | 6154 | 1005.7 | 938.5 | .. | 26.5 | 22.6 | 20.6 | 24.3 | 72 | .. | 2.6 | .. | 5.9 | 0 | 1 | 21 | 03 | 0 | 6 | 1 | 0 | 1 | 5 | 6 | 8 | 0 |
| | 1730 | 6154 | 1002.5 | 935.8 | .. | 26.9 | 22.8 | 20.8 | 24.6 | 70 | .. | 3.9 | .. | 3.3 | 0 | 0 | 17 | 01 | 1 | 4 | 2 | 0 | 1 | 2 | 6 | 13 | 0 |
| Konar | 0830 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.6 | .. | 4.5 | 0 | 0 | 30 | 00 | 2 | 1 | 4 | 0 | 2 | 18 | 3 | 0 | 0 |
| | 1730 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.0 | .. | 4.1 | 0 | 0 | 30 | 00 | 1 | 4 | 2 | 0 | 2 | 18 | 3 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1005.7 | 978.8 | .. | 28.2 | 25.1 | 23.7 | 29.3 | 77 | .. | 2.4 | .. | 2.1 | 0 | 0 | 9 | 00 | 0 | 3 | 2 | 0 | 2 | 1 | 1 | 21 | 0 |
| | 1730 | 2420 | 1001.9 | 975.2 | .. | 29.6 | 26.2 | 24.7 | 31.1 | 75 | .. | 2.9 | .. | 3.0 | 0 | 0 | 13 | 00 | 1 | 3 | 2 | 0 | 3 | 3 | 1 | 17 | 0 |
| Maithon | 0830 | | .. | .. | .. | 29.7 | 26.0 | 24.4 | 30.5 | 74 | .. | 3.2 | .. | .. | 0[g] | 0 | 30 | 00 | 8 | 2 | 6 | 1 | 6 | 1 | 6 | 0 | 0 |
| | 1730 | | .. | .. | .. | 30.3 | 25.8 | 24.0 | 29.8 | 70 | .. | 4.1 | .. | .. | 0[g] | 0 | 30 | 00 | 7 | 3 | 10 | 1 | 5 | 0 | 4 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 27.5 | 24.2 | 22.6 | 27.4 | 75 | .. | 4.0[h] | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 28.9 | 24.5 | 22.4 | 27.1 | 69 | .. | 5.8[g] | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 28.8 | 26.0 | 24.9 | 31.5 | 80 | .. | 4.4 | .. | 3.6 | 0 | 0 | 18 | 00 | 4 | 0 | 4 | 0 | 6 | 0 | 4 | 12 | 0 |
| | 1730 | | .. | .. | .. | 28.9 | 25.6 | 24.2 | 30.2 | 76 | .. | 4.4 | .. | 2.9 | 0 | 0 | 14 | 00 | 8 | 0 | 3 | 0 | 1 | 0 | 2 | 16 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 28.9 | 25.9 | 24.6 | 30.9 | 78 | .. | 4.4 | .. | 9.0 | 0 | 4 | 23 | 01 | 3 | 2 | 3 | 6 | 2 | 3 | 7 | 3 | 0 |
| | 1730 | | .. | .. | .. | 29.5 | 25.7 | 23.9 | 29.7 | 73 | .. | 6.1 | .. | 7.1 | 0 | 2 | 25 | 05 | 3 | 5 | 5 | 7 | 0 | 1 | 1 | 3 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 27.4 | 23.5 | 21.8 | 25.9 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1006.2 | 988.8 | .. | 29.2 | 25.4 | 23.7 | 29.3 | 72 | .. | 2.8 | .. | 4.5 | 0 | 0 | 20 | 02 | 2 | 3 | 2 | 2 | 0 | 2 | 7 | 10 | 0 |
| | 1130 | 159 | 1005.6 | 988.0 | .. | 31.6 | 25.9 | 23.4 | 28.8 | 62 | .. | 3.1 | .. | 6.1 | 0 | 0 | 26 | 05 | 3 | 3 | 1 | 1 | 1 | 5 | 7 | 4 | 0 |
| | 1730 | 159 | 1002.8 | 984.9 | .. | 30.7 | 25.4 | 22.9 | 27.9 | 67 | .. | 4.2 | .. | 2.4 | 0 | 0 | 15 | 01 | 0 | 3 | 0 | 0 | 0 | 6 | 5 | 15 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 27.2 | 24.5 | 23.2 | 28.4 | 79 | .. | 4.3 | .. | 0.5 | 0 | 0 | 4 | 00 | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 26 | 0 |
| | 1730 | | .. | .. | .. | 28.1 | 24.6 | 23.0 | 28.1 | 75 | .. | 5.1 | .. | 0.5 | 0 | 0 | 5 | 00 | 1 | 0 | 3 | 0 | 0 | 0 | 1 | 25 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 28.7 | 26.0 | 25.3 | 32.2 | 80 | .. | . | .. | 4.8 | 0 | 0 | 25 | 00 | 5 | 0 | 5 | 7 | 4 | 2 | 2 | 5 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 26.3 | 23.5 | 22.1 | 26.6 | 78 | .. | . | .. | 6.1 | 0 | 0 | 26 | 00 | 6 | 10 | 1 | 2 | 2 | 1 | 4 | 4 | 0 |
| | 1730 | | .. | .. | .. | 27.8 | 23.6 | 21.4 | 25.6 | 68 | .. | . | .. | 6.1 | 0 | 1 | 29 | 03 | 6 | 4 | 6 | 4 | 3 | 1 | 3 | 0 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 25.7 | 22.5 | 20.7 | 24.7 | 74 | .. | 3.6 | .. | 12.1 | 0 | 0 | 28 | 00 | 4 | 0 | 1 | 4 | 15 | 4 | 0 | 2 | 0 |
| | 1730 | | .. | .. | .. | 29.4 | 22.9 | 19.2 | 22.7 | 57 | .. | 4.4 | .. | 10.0 | 0 | 0 | 29 | 03 | 2 | 3 | 2 | 6 | 8 | 2 | 3 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NARMADA CATCHMENT (Contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Punasa | 0830 | | .. | .. | .. | 26.4 | .. | .. | .. | .. | .. | . | .. | 8.1 | 0 | 0 | 29 | 01 | 8 | 1 | 1 | 2 | 11 | 0 | 5 | 1 | 0 |
| | 1730 | | .. | .. | .. | 29.5 | .. | .. | .. | .. | .. | . | .. | 5.0 | 0 | 0 | 28 | 00 | 11 | 0 | 0 | 0 | 16 | 0 | 1 | 2 | 0 |
| Thikri | 0830 | | .. | .. | .. | 27.2 | 23.6 | 21.8 | 26.1 | 74 | .. | 3.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 26.5 | 23.3 | 21.6 | 25.9 | 75 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 32.1 | 24.9 | 21.4 | 25.6 | 54 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | | .. | .. | .. | 18.3 | 13.4 | 10.3 | 12.7 | 62 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 16.8 | 13.5 | 11.5 | 13.7 | 71 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | | .. | .. | .. | 23.0 | 20.1 | 18.5 | 21.5 | 76 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.5 | 21.7 | 20.4 | 24.0 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | | .. | .. | .. | 17.8 | 15.4 | 13.9 | 16.1 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 20.1 | 17.1 | 15.4 | 17.6 | 75 | .. | | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | | .. | .. | .. | 23.7 | 21.1 | 19.8 | 22.2 | 79 | .. | 4.3 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 1130 | | .. | .. | .. | 26.3 | 22.3 | 20.3 | 23.0 | 70 | .. | 4.4 | . | 2.7 | 0 | 0 | 22 | 00 | 0 | 2 | 17 | 3 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | | .. | .. | .. | 25.0 | 22.1 | 20.7 | 24.5 | 7[illegible] | .. | 4.9 | .. | 1.3 | 0 | 0 | 13 | 01 | 0 | 3 | 5 | 2 | 0 | 0 | 2 | 17 | 0 |
| Gorkha | 0830 | | .. | .. | .. | 21.7 | 20.4 | 19.7 | 23.0 | 89 | .. | 4.[illegible] | .. | .. | . | .. | .. | 01 | 2 | 0 | 7 | 0 | 7 | 0 | 1 | 12 | 0 |
| | 1130 | | .. | .. | .. | 24.8 | 2[illegible] | 20.5 | 24.1 | 77 | .. | [illegible] | .. | .. | . | .. | .. | 00 | 0 | 0 | 9 | 1 | 18 | 0 | 0 | 2 | 0 |
| | 1730 | | .. | .. | .. | 23.6 | 20.7 | 19.1 | 22.3 | 77 | .. | 4.8 | . | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 8 | 1 | 1 | 20 | 0 |
| Nuwakot | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | | .. | .. | .. | 21.8 | 20.0 | 19.1 | 22.2 | 8[illegible] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 23.[illegible] | 21.4 | 20.6 | 24.[illegible] | [illegible] | .. | . | .. | .. | . | . | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Temporarily closed from 28.5.1966 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | | .. | .. | .. | 22.1 | 19.2 | 17.4 | 20.2 | 76 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.4 | 18.8 | 17.3 | 19.9 | 7[illegible] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | | .. | .. | .. | 27.4 | 24.0 | 22.3 | 27.1 | 75 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 27.9 | 25.0 | 23.7 | 29.4 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Walungchung Gola | 0830 | | .. | .. | .. | 12.0 | 10.0 | 8.5 | 11.3 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 10.3 | 9.8 | 9.4 | 11.8 | 9[illegible] | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | | .. | .. | .. | 20.1 | 18.0 | 16.8 | 19.3 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 21.0 | 18.9 | 17.8 | 20.4 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | | .. | .. | .. | 19.8 | 18.4 | 17.7 | 20.3 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 18.6 | 18.1 | 17.9 | 20.5 | 96 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | | .. | .. | .. | 18.5 | 17.1 | 16.5 | 18.9 | 89 | .. | 6.0 | .. | .. | . | .. | .. | 01 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 25 | 0 |
| | 1130 | | .. | .. | .. | 21.5 | 19.0 | 17.7 | 20.4 | 79 | .. | 6.2 | .. | .. | . | .. | .. | 06 | 0 | 0 | 1 | 2 | 2 | 6 | 3 | 10 | 0 |
| | 1730 | | .. | .. | .. | 19.3 | 17.3 | 16.1 | 18.4 | 82 | .. | 5.8 | .. | .. | . | .. | .. | 01 | 1 | 1 | 3 | 7 | 2 | 0 | 0 | 15 | 0 |
| Okhaldhunga | 0830 | | .. | .. | .. | 18.4 | 17.4 | 16.7 | 19.3 | 91 | .. | 5.3 | .. | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 27 | 0 |
| | 1130 | | .. | .. | .. | 20.7 | 18.[illegible] | 17.2 | 19.7 | 81 | .. | 5.5 | .. | 1.8 | 0 | 0 | 12 | 01 | 0 | 0 | 0 | 1 | 2 | 6 | 2 | 18 | 0 |
| | 1730 | | .. | .. | .. | 18.5 | 17.2 | 16.6 | 19.0 | 89 | .. | 4.9 | .. | 4.2 | 0 | 0 | 19 | 00 | 0 | 0 | 1 | 0 | 3 | 14 | 1 | 11 | 0 |
| Chainpur | 0830 | | .. | .. | .. | 21.3 | 20.1 | 19.5 | 22.7 | 90 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 22.4 | 20.8 | 20.0 | 23.3 | 87 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 d | | .. | .. | .. | 23.2 | 20.9 | 19.8 | 23.1 | 81 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 d | | .. | .. | .. | 23.3 | 20.5 | 19.0 | 22.1 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1007.5 | 991.0 | .. | 26.1 | 24.2 | 23.3 | 28.6 | 85 | .. | 4.6 | .. | 1.5 | 0 | 0 | 22 | 00 | 3 | 2 | 1 | 0 | 6 | 3 | 7 | 8 | 0 |
| | 1130 | 146 | 1006.2 | 989.9 | .. | 28.7 | 25.3 | 23.7 | 29.3 | 75 | .. | 5.2 | .. | 3.3 | 0 | 0 | 28 | 00 | 1 | 0 | 0 | 1 | 14 | 9 | 2 | 2 | 1 |
| | 1730 | 146 | 1003.7 | 987.3 | .. | 26.8 | 25.3 | 24.6 | 31.0 | 88 | .. | 4.7 | .. | 0.9 | 0 | 0 | 13 | 00 | 0 | 7 | 3 | 0 | 2 | 0 | 1 | 17 | 0 |
| **TISTA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1489.8 | 818.9 | .. | 17.7 | 16.9 | 16.4 | 18.7 | 92 | .. | 6.2 | .. | 1.5 | 0 | 0 | 10 | 02 | 2 | 0 | 1 | 3 | 1 | 1 | 0 | 20 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - SEPTEMBER 1966 (BHADRA 10 - ASVINA 8, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 2 |
| TISTA CATCHMENT (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok (Contd.) | 1130 | 1812 | 1480.2 | 818.3 | .. | 20.5 | 18.7 | 17.7 | 20.3 | 84 | .. | 5.9 | .. | 3.9 | 0 | 0 | 27 | 02 | 2 | 0 | 3 | 15 | 5 | 0 | 0 | 3 | |
| | 1730 | 1812 | 1462.0 | 816.5 | .. | 19.1 | 17.4 | 16.4 | 18.7 | 85 | .. | 6.9 | .. | 2.4 | 0 | 0 | 17 | 00 | 2 | 0 | 3 | 7 | 5 | 0 | 0 | 13 | |
| Gezing | 0830 | | .. | .. | .. | 19.3 | 18.7 | 18.3 | 21.1 | 94 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . |
| | 1730 | | .. | .. | .. | 20.1 | 18.8 | 18.2 | 20.9 | 89 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 55 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 15 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. above mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Meansand resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

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## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS.

| S. No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of opening | Approximate times of flight (I.S.T. | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530 | | 1730 | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530@ | 1130 | 1730 | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | 1130 | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1948 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May. 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Jodhpur | 26 18 | 73 01 | 229 | 15th Oct. 1934 | 0530* | 1130 | 1730* | 2330 |
| 38. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530* | 1130 | 1730* | 2330 |
| 39. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 40. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 41. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 42. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 43. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 44. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 45. | Port Blair | 11 [illegible] | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 46. | Raipur | 21 [illegible] | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 47. | Raxaul | 26 [illegible] | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 48. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 49. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 50. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 51. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 52. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 53. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 54. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th A r. 1942 | 0530 | | 1730 | 2330 |
| 55. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

@ Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

** Refers to date from which data are available.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.2 | 00.6 | 125 | 30 | 01.2 | 00.1 | 197 | 30 | 01.5 | 01.0 | 111 | 30 | 01.8 | 01.3 | 260 | 30 | 02.0 | 01.1 | 263 | 30 | 01.8 | 01.1 | 270 |
| .15 A.G.L. | 24 | 04.4 | 03.6 | 151 | 26 | 02.9 | 01.3 | 217 | 27 | 05.0 | 03.6 | 205 | 30 | 07.2 | 04.8 | 280 | 29 | 03.8 | 02.2 | 277 | 29 | 04.2 | 02.5 | 281 |
| .3A.M.S.L. | 24 | 05.0 | 03.8 | 165 | 26 | 03.4 | 01.7 | 199 | 27 | 05.7 | 03.6 | 164 | 30 | 07.0 | 04.8 | 280 | 29 | 03.7 | 02.0 | 278 | 29 | 04.2 | 02.5 | 280 |
| .6 ,, | 24 | 05.1 | 03.1 | 168 | 26 | 03.9 | 02.7 | 190 | 26 | 05.8 | 03.8 | 177 | 30 | 07.4 | 05.3 | 292 | 29 | 04.3 | 02.2 | 274 | 29 | 04.3 | 02.4 | 274 |
| .9 ,, | 24 | 05.2 | 02.9 | 171 | 26 | 04.3 | 03.2 | 182 | 26 | 06.3 | 03.5 | 177 | 29 | 06.2 | 03.9 | 292 | 28 | 04.6 | 02.3 | 254 | 29 | 05.0 | 03.4 | 264 |
| 1.5 ,, | 23 | 05.0 | 01.7 | 189 | 25 | 05.2 | 03.4 | 179 | 24 | 05.7 | 03.5 | 179 | 29 | 04.8 | 00.9 | 246 | 22 | 04.2 | 00.9 | 210 | 29 | 05.4 | 03.6 | 263 |
| 2.1 ,, | 20 | 05.5 | 01.0 | 181 | 22 | 04.6 | 02.6 | 184 | 22 | 04.3 | 03.1 | 182 | 29 | 04.9 | 00.2 | 250 | 17 | 04.1 | 00.8 | 106 | 29 | 05.9 | 03.4 | 273 |
| 3.0 ,, | 19 | 06.5 | 02.1 | 181 | 17 | 04.4 | 01.8 | 237 | 16 | 04.3 | 02.7 | 196 | 29 | 05.4 | 01.7 | 003 | 14 | 05.6 | 03.6 | 052 | 29 | 05.9 | 02.0 | 336 |
| 3.6 ,, | 13 | 04.6 | 02.0 | 226 | 15 | 04.7 | 02.5 | 239 | 05 | 03.2 | 02.7 | 250 | 29 | 05.8 | 02.2 | 001 | 13 | 05.6 | 03.1 | 034 | 29 | 05.5 | 01.9 | 359 |
| 4.5 ,, | 10 | 04.8 | 02.9 | 210 | 09 | 03.7 | 02.8 | 260 | 01 | 06.0 | 06.0 | 275 | 29 | 06.1 | 02.7 | 002 | 13 | 05.8 | 01.5 | 356 | 29 | 06.6 | 02.5 | 335 |
| 5.4 ,, | 07 | 05.0 | 04.2 | 221 | 09 | 04.8 | 03.9 | 256 | | | | | 29 | 07.0 | 01.9 | 302 | 13 | 06.0 | 02.3 | 304 | 29 | 06.5 | 03.7 | 305 |
| 6.0 ,, | 07 | 04.4 | 04.2 | 227 | 09 | 04.2 | 03.5 | 253 | | | | | 29 | 06.9 | 02.0 | 284 | 13 | 06.8 | 03.3 | 286 | 29 | 06.9 | 04.7 | 290 |
| 7.2 ,, | 04 | 04.7 | 04.6 | 259 | 08 | 05.1 | 04.4 | 251 | | | | | 29 | 07.4 | 03.9 | 272 | 06 | 08.0 | 04.2 | 320 | 29 | 08.4 | 06.1 | 284 |
| 9.0 ,, | 01 | 06.0 | 06.0 | 210 | 07 | 05.4 | 04.7 | 265 | | | | | 29 | 08.9 | 05.6 | 270 | 03 | 15.3 | 14.0 | 267 | 29 | 10.2 | 06.6 | 259 |

| STATION | AHMADABAD | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | AMBALA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 01.3 | 217 | 30 | 00.7 | 00.1 | 142 | 30 | 01.2 | 00.5 | 306 | 30 | 00.4 | 00.2 | 270 | 30 | 01.0 | 00.2 | 273 | 30 | 01.3 | 00.3 | 232 |
| .15 A.G.L. | 29 | 05.3 | 03.4 | 229 | 29 | 06.0 | 02.9 | 285 | 30 | 05.1 | 02.4 | 307 | 29 | 05.8 | 01.7 | 285 | 29 | 05.8 | 01.3 | 347 | 30 | 03.9 | 01.9 | 293 |
| .3A.M.S.L. | 29 | 05.6 | 03.4 | 231 | 29 | 06.7 | 02.9 | 287 | 30 | 05.2 | 02.4 | 304 | 29 | 06.1 | 01.7 | 291 | 29 | 03.2 | 00.5 | 304 | 30 | 02.6 | 00.5 | 242 |
| .6 ,, | 29 | 06.2 | 03.9 | 247 | 29 | 06.7 | 03.0 | 300 | 30 | 05.5 | 02.2 | 303 | 29 | 06.4 | 01.7 | 303 | 29 | 06.2 | 01.7 | 325 | 30 | 04.4 | 01.0 | 286 |
| .9 ,, | 28 | 05.7 | 02.7 | 261 | 28 | 06.5 | 03.7 | 300 | 30 | 06.0 | 02.1 | 316 | 29 | 06.6 | 01.7 | 325 | 28 | 06.0 | 03.1 | 321 | 30 | 05.3 | 01.5 | 312 |
| 1.5 ,, | 28 | 05.3 | 02.1 | 298 | 28 | 06.5 | 03.9 | 298 | 30 | 06.8 | 02.7 | 313 | 29 | 06.4 | 03.1 | 301 | 28 | 06.8 | 04.2 | 324 | 29 | 05.3 | 03.2 | 323 |
| 2.1 ,, | 27 | 05.3 | 02.2 | 305 | 26 | 07.2 | 05.1 | 305 | 29 | 07.8 | 03.6 | 295 | 27 | 06.9 | 04.5 | 299 | 27 | 07.1 | 04.5 | 320 | 27 | 05.4 | 04.2 | 324 |
| 3.0 ,, | 25 | 05.5 | 01.6 | 023 | 25 | 07.4 | 05.5 | 305 | 26 | 07.7 | 04.4 | 293 | 23 | 06.0 | 04.7 | 297 | 22 | 07.1 | 05.0 | 325 | 22 | 05.0 | 03.1 | 316 |
| 3.6 ,, | 07 | 03.4 | 02.5 | 067 | 23 | 07.1 | 05.4 | 295 | 23 | 07.4 | 06.1 | 299 | 06 | 04.5 | 03.4 | 290 | 17 | 07.1 | 04.8 | 322 | 20 | 05.0 | 02.5 | 309 |
| 4.5 ,, | 04 | 05.7 | 02.4 | 290 | 20 | 05.7 | 03.8 | 265 | 20 | 07.0 | 04.3 | 270 | | | | | 13 | 06.9 | 04.4 | 310 | 18 | 06.0 | 03.4 | 286 |
| 5.4 ,, | 01 | 04.0 | 04.0 | 285 | 17 | 07.1 | 04.7 | 273 | 19 | 07.2 | 05.5 | 274 | | | | | 13 | 08.1 | 05.2 | 290 | 16 | 07.7 | 04.7 | 282 |
| 6.0 ,, | 01 | 02.0 | 02.0 | 240 | 15 | 07.8 | 05.4 | 270 | 18 | 07.7 | 06.3 | 272 | | | | | 12 | 10.0 | 05.9 | 273 | 16 | 09.1 | 06.9 | 302 |
| 7.2 ,, | | | | | 08 | 12.9 | 12.5 | 246 | 07 | 12.6 | 12.2 | 259 | | | | | 05 | 10.2 | 08.8 | 289 | 04 | 12.7 | 09.3 | 274 |
| 9.0 ,, | | | | | | | | | 02 | 09.0 | 08.1 | 268 | | | | | 02 | 11.5 | 11.1 | 276 | | | | |

| STATION | AMBALA | | | | | | | | AMINI | | | | | | | | | | | | ANANTAPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 01.0 | 298 | 30 | 01.3 | 00.5 | 312 | 30 | 05.6 | 04.5 | 293 | 30 | 06.5 | 05.3 | 289 | 30 | 07.0 | 05.6 | 292 | 30 | 02.1 | 00.9 | 284 |
| .15 A.G.L. | 30 | 05.2 | 03.6 | 297 | 29 | 06.8 | 00.5 | 325 | 30 | 05.5 | 04.6 | 292 | 28 | 06.1 | 05.2 | 290 | 27 | 06.3 | 05.6 | 295 | 28 | 06.6 | 04.4 | 265 |
| .3A.M.S.L. | 30 | 03.2 | 02.0 | 292 | 29 | 02.8 | 01.5 | 320 | 30 | 06.0 | 05.2 | 291 | 28 | 06.8 | 06.0 | 292 | 27 | 06.6 | 06.0 | 295 | | | | |
| .6 ,, | 30 | 05.4 | 04.0 | 299 | 29 | 06.8 | 05.1 | 328 | 30 | 07.1 | 06.2 | 292 | 28 | 08.0 | 07.1 | 293 | 27 | 07.1 | 06.5 | 297 | 28 | 07.6 | 05.3 | 269 |
| .9 ,, | 29 | 05.4 | 04.0 | 308 | 29 | 06.8 | 05.3 | 321 | 29 | 07.2 | 06.4 | 297 | 28 | 08.0 | 07.3 | 294 | 26 | 07.0 | 06.6 | 302 | 27 | 09.2 | 06.7 | 276 |
| 1.5 ,, | 29 | 06.1 | 04.4 | 310 | 29 | 06.8 | 04.5 | 312 | 27 | 06.5 | 05.9 | 291 | 24 | 06.4 | 05.9 | 292 | 24 | 06.8 | 06.6 | 300 | 27 | 09.9 | 06.4 | 291 |
| 2.1 ,, | 28 | 06.9 | 04.3 | 309 | 28 | 06.7 | 05.1 | 312 | 22 | 05.0 | 04.1 | 291 | 23 | 05.5 | 04.5 | 279 | 21 | 05.6 | 05.0 | 300 | 24 | 06.8 | 03.1 | 304 |
| 3.0 ,, | 23 | 06.5 | 03.1 | 300 | 22 | 06.7 | 02.9 | 318 | 17 | 04.6 | 00.7 | 297 | 21 | 05.6 | 02.7 | 263 | 17 | 04.6 | 01.5 | 289 | 17 | 06.8 | 02.3 | 284 |
| 3.6 ,, | 19 | 06.6 | 01.4 | 321 | 09 | 06.4 | 02.9 | 336 | 16 | 04.3 | 00.3 | 157 | 16 | 04.2 | 00.7 | 201 | 11 | 04.1 | 01.9 | 134 | 13 | 06.4 | 02.1 | 271 |
| 4.5 ,, | 16 | 07.4 | 02.1 | 308 | 07 | 06.1 | 02.0 | 309 | 10 | 03.5 | 00.9 | 056 | 12 | 03.9 | 01.6 | 069 | 09 | 04.1 | 00.8 | 187 | 11 | 05.5 | 00.6 | 169 |
| 5.4 ,, | 14 | 08.4 | 01.9 | 312 | 02 | 06.0 | 02.3 | 322 | 07 | 03.7 | 02.8 | 093 | 11 | 04.5 | 03.5 | 071 | 06 | 03.7 | 01.9 | 095 | 09 | 04.2 | 01.2 | 124 |
| 6.0 ,, | 14 | 09.6 | 03.0 | 303 | 01 | 06.0 | 06.0 | 086 | 04 | 04.5 | 04.1 | 107 | 09 | 05.3 | 04.5 | 072 | 04 | 04.7 | 03.4 | 119 | 09 | 04.3 | 01.9 | 106 |
| 7.2 ,, | 03 | 12.0 | 08.8 | 259 | | | | | 03 | 06.7 | 06.6 | 089 | 03 | 07.7 | 06.7 | 101 | 01 | 05.0 | 05.0 | 130 | 07 | 07.1 | 06.3 | 093 |
| 9.0 ,, | 01 | 16.0 | 16.0 | 280 | | | | | 02 | 13.5 | 13.5 | 084 | 02 | 10.0 | 10.0 | 092 | | | | | 06 | 08.0 | 07.1 | 083 |

| STATION | ANANTAPUR | | | | | | | | ASANSOL | | | | | | | | | | | | AURANGABAD/CHIKALTHAN | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.1 | 01.2 | 300 | 30 | 02.9 | 01.6 | 280 | 30 | 00.5 | 00.4 | 233 | 30 | 00.9 | 00.5 | 070 | 30 | 00.9 | 00.5 | 070 | 30 | 02.2 | 01.9 | 271 |
| .15 A.G.L. | 30 | 05.8 | 02.2 | 289 | 28 | 07.0 | 03.6 | 272 | 28 | 03.4 | 01.4 | 280 | 28 | 04.1 | 02.1 | 083 | 29 | 04.8 | 02.0 | 130 | 27 | 05.6 | 03.4 | 291 |
| .3A.M.S.L. | | | | | | | | | 28 | 03.7 | 01.3 | 290 | 28 | 04.4 | 02.1 | 076 | 29 | 05.1 | 02.0 | 127 | | | | |
| .6 ,, | 30 | 06.3 | 03.3 | 276 | 28 | 07.3 | 03.5 | 275 | 28 | 04.6 | 01.2 | 310 | 28 | 05.2 | 01.8 | 064 | 29 | 06.3 | 01.9 | 117 | | | | |
| .9 ,, | 30 | 06.9 | 03.8 | 279 | 28 | 08.3 | 04.2 | 276 | 28 | 05.7 | 01.8 | 329 | 28 | 05.8 | 01.5 | 052 | 28 | 06.4 | 00.5 | 056 | 27 | 06.7 | 03.9 | 308 |
| 1.5 ,, | 30 | 07.7 | 03.9 | 288 | 28 | 08.3 | 03.1 | 292 | 27 | 06.3 | 04.1 | 353 | 26 | 06.4 | 02.2 | 342 | 28 | 06.3 | 02.4 | 351 | 26 | 06.3 | 02.1 | 323 |
| 2.1 ,, | 23 | 06.8 | 02.9 | 296 | 27 | 07.0 | 02.6 | 313 | 25 | 06.5 | 03.9 | 353 | 26 | 07.1 | 03.2 | 339 | 26 | 06.3 | 03.3 | 337 | 25 | 06.5 | 01.4 | 308 |
| 3.0 ,, | 14 | 05.5 | 01.6 | 283 | 21 | 05.4 | 01.1 | 346 | 22 | 04.9 | 03.6 | 329 | 24 | 06.8 | 02.3 | 313 | 20 | 04.7 | 02.9 | 314 | 22 | 06.2 | 01.8 | 306 |
| 3.6 ,, | 11 | 05.4 | 00.1 | 345 | 14 | 03.9 | 02.2 | 052 | 18 | 04.2 | 01.1 | 274 | 21 | 06.9 | 02.0 | 289 | 15 | 04.0 | 01.5 | 313 | 15 | 06.1 | 01.2 | 287 |
| 4.5 ,, | 08 | 05.9 | 02.6 | 224 | 06 | 05.0 | 04.0 | 080 | 15 | 05.1 | 02.4 | 266 | 19 | 06.3 | 01.8 | 264 | 09 | 04.4 | 01.7 | 318 | 09 | 05.9 | 04.0 | 292 |
| 5.4 ,, | 07 | 05.4 | 00.7 | 113 | 03 | 06.3 | 06.2 | 097 | 14 | 05.4 | 02.8 | 280 | 16 | 05.2 | 03.0 | 283 | 05 | 02.8 | 00.9 | 297 | 03 | 03.3 | 01.2 | 042 |
| 6.0 ,, | 05 | 06.2 | 02.2 | 124 | 01 | 05.0 | 05.0 | 100 | 13 | 05.5 | 03.3 | 271 | 16 | 05.3 | 03.4 | 276 | 01 | 06.0 | 06.0 | 270 | 01 | 10.0 | 10.0 | 060 |
| 7.2 ,, | 02 | 03.0 | 00.6 | 026 | | | | | 10 | 06.9 | 05.6 | 277 | 09 | 07.5 | 04.9 | 236 | | | | | | | | |
| 9.0 ,, | | | | | | | | | 09 | 08.9 | 06.5 | 264 | 07 | 09.4 | 06.2 | 264 | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | BAHRAICH | | | | | | | | | | | | BANGALORE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 0530 @ | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.7 | 01.4 | 305 | 30 | 02.2 | 01.4 | 276 | 30 | 01.4 | 03.0 | 113 | 30 | 01.8 | 00.1 | 243 | 30 | 01.7 | 00.3 | 260 | 30 | 02.8 | 02.0 | 257 |
| .15 A.G.L. | 30 | 05.2 | 02.6 | 303 | 28 | 05.5 | 02.3 | 306 | 27 | 05.5 | 01.6 | 286 | 29 | 04.0 | 00.4 | 257 | 29 | 04.8 | 02.2 | 301 | 16 | 05.9 | 03.8 | 286 |
| .3A.M.S.L. | | | | | | | | | 27 | 05.7 | 01.7 | 244 | 29 | 04.0 | 00.5 | 243 | 29 | 04.8 | 01.4 | 303 | | | | |
| .6 ,, | | | | | | | | | 27 | 06.7 | 02.3 | 280 | 29 | 04.5 | 00.9 | 267 | 29 | 05.0 | 01.8 | 287 | | | | |
| .9 ,, | 30 | 06.3 | 02.9 | 315 | 28 | 06.7 | 03.1 | 327 | 26 | 07.1 | 01.8 | 306 | 26 | 05.3 | 01.4 | 247 | 29 | 06.4 | 03.0 | 295 | | | | |
| 1.5 ,, | 30 | 07.4 | 03.6 | 321 | 28 | 07.2 | 03.5 | 349 | 24 | 07.2 | 04.2 | 302 | 22 | 06.8 | 04.0 | 299 | 29 | 08.4 | 03.2 | 294 | 17 | 07.5 | 04.6 | 288 |
| 2.1 ,, | 27 | 05.9 | 01.9 | 342 | 26 | 06.8 | 02.3 | 332 | 17 | 06.6 | 06.4 | 297 | 19 | 05.7 | 05.4 | 293 | 23 | 08.0 | 03.8 | 296 | 17 | 06.5 | 03.6 | 287 |
| 3.0 ,, | 21 | 06.7 | 01.9 | 338 | 23 | 05.3 | 00.3 | 350 | 11 | 04.4 | 03.4 | 282 | 19 | 04.3 | 03.3 | 287 | 19 | 05.1 | 02.8 | 285 | 16 | 05.0 | 02.0 | 316 |
| 3.6 ,, | 15 | 05.4 | 02.2 | 287 | 15 | 05.3 | 01.1 | 327 | 10 | 04.2 | 03.7 | 282 | 17 | 04.3 | 02.3 | 279 | 14 | 05.1 | 04.0 | 290 | 16 | 05.1 | 01.3 | 307 |
| 4.5 ,, | 08 | 05.1 | 02.7 | 285 | 11 | 05.3 | 02.0 | 304 | 10 | 06.3 | 05.4 | 233 | 16 | 05.0 | 03.4 | 240 | 13 | 05.5 | 03.9 | 293 | 15 | 05.8 | 01.6 | 230 |
| 5.4 ,, | 06 | 03.2 | 01.7 | 225 | 05 | 04.8 | 00.6 | 256 | 10 | 06.8 | 05.7 | 243 | 15 | 06.1 | 05.0 | 248 | 12 | 07.4 | 06.2 | 284 | 13 | 05.5 | 01.0 | 080 |
| 6.0 ,, | 03 | 04.3 | 02.5 | 269 | 04 | 03.5 | 00.6 | 051 | 10 | 07.6 | 07.2 | 240 | 14 | 08.0 | 07.1 | 249 | 12 | 09.9 | 09.2 | 273 | 12 | 05.6 | 02.3 | 052 |
| 7.2 ,, | 03 | 04.3 | 02.7 | 227 | 01 | 02.0 | 02.0 | 315 | 07 | 13.1 | 12.8 | 233 | 12 | 14.8 | 14.3 | 247 | 05 | 14.4 | 13.0 | 262 | 12 | 05.9 | 04.3 | 081 |
| 9.0 ,, | 01 | 01.0 | 01.0 | 045 | | | | | 02 | 16.5 | 16.4 | 244 | 05 | 22.2 | 22.2 | 235 | 01 | 28.0 | 28.0 | 230 | 10 | 08.6 | 07.9 | 091 |

| STATION | BANGALORE | | | | | | | | | | | | BAREILLY | | | | | | | | BEGAMPET | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 @ | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.7 | 01.9 | 263 | 31 | 02.8 | 01.7 | 257 | 30 | 03.1 | 01.8 | 264 | 30 | 01.5 | 01.2 | 339 | 30 | 01.5 | 00.6 | 294 | 30 | 01.9 | 01.3 | 272 |
| .15 A.G.L. | 30 | 05.1 | 03.4 | 282 | 28 | 05.5 | 03.6 | 263 | 25 | 06.4 | 03.2 | 274 | 30 | 06.5 | 02.0 | 302 | 30 | 05.1 | 02.3 | 296 | 24 | 05.3 | 01.8 | 296 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 05.8 | 02.3 | 304 | 30 | 04.9 | 02.2 | 298 | | | | |
| .6 ,, | | | | | | | | | | | | | 30 | 08.6 | 03.1 | 302 | 30 | 06.2 | 03.2 | 295 | 24 | 04.0 | 01.6 | 293 |
| .9 ,, | | | | | | | | | | | | | 30 | 08.2 | 03.0 | 313 | 30 | 06.4 | 02.9 | 294 | 24 | 06.5 | 02.4 | 304 |
| 1.5 ,, | 27 | 06.0 | 03.7 | 285 | 27 | 05.9 | 03.8 | 268 | 24 | 08.7 | 04.8 | 281 | 29 | 08.7 | 04.7 | 308 | 29 | 07.5 | 03.9 | 285 | 24 | 07.3 | 02.4 | 341 |
| 2.1 ,, | 11 | 07.1 | 04.2 | 294 | 25 | 07.2 | 04.8 | 278 | 21 | 06.9 | 04.2 | 284 | 28 | 08.8 | 04.8 | 316 | 26 | 08.2 | 04.5 | 287 | 20 | 07.1 | 03.1 | 349 |
| 3.0 ,, | 06 | 05.0 | 02.1 | 006 | 19 | 07.9 | 05.7 | 277 | 16 | 05.1 | 02.6 | 266 | 28 | 07.3 | 03.8 | 327 | 25 | 07.7 | 04.9 | 294 | 17 | 06.9 | 02.2 | 333 |
| 3.6 ,, | 04 | 06.5 | 01.5 | 279 | 17 | 07.5 | 05.0 | 280 | 10 | 04.5 | 01.5 | 272 | 28 | 06.0 | 02.8 | 339 | 24 | 06.9 | 03.3 | 296 | 14 | 05.4 | 02.6 | 013 |
| 4.5 ,, | 04 | 07.7 | 01.8 | 233 | 14 | 06.9 | 02.7 | 271 | 07 | 05.6 | 02.0 | 249 | 26 | 06.6 | 00.5 | 276 | 23 | 06.7 | 01.9 | 272 | 09 | 05.9 | 02.2 | 242 |
| 5.4 ,, | 04 | 05.5 | 00.9 | 251 | 11 | 04.7 | 01.6 | 105 | 03 | 07.0 | 02.8 | 257 | 23 | 05.6 | 02.2 | 227 | 21 | 07.0 | 02.8 | 255 | 04 | 07.3 | 06.3 | 227 |
| 6.0 ,, | 03 | 04.0 | 00.5 | 040 | 10 | 05.0 | 02.7 | 058 | | | | | 23 | 06.4 | 03.1 | 239 | 20 | 07.8 | 04.2 | 257 | 04 | 06.7 | 06.1 | 222 |
| 7.2 ,, | 03 | 08.0 | 06.6 | 067 | 07 | 05.3 | 04.9 | 080 | | | | | 21 | 08.7 | 07.4 | 253 | 19 | 09.0 | 07.6 | 265 | 04 | 06.7 | 05.1 | 199 |
| 9.0 ,, | 01 | 08.0 | 08.0 | 135 | 06 | 06.7 | 05.9 | 112 | | | | | 20 | 13.9 | 13.1 | 252 | 16 | 15.5 | 14.6 | 252 | 02 | 06.0 | 02.9 | 124 |

| STATION | BEGAMPET (See foot-note) | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 01.6 | 308 | 30 | 01.9 | 00.9 | 280 | 30 | 01.1 | 00.6 | 156 | 30 | 01.3 | 00.4 | 103 | 22 | 03.6 | 02.4 | 274 | 30 | 03.5 | 00.5 | 286 |
| .15 A.G.L. | 28 | 05.2 | 02.7 | 331 | 27 | 05.1 | 01.9 | 303 | 29 | 04.9 | 02.6 | 151 | 28 | 04.5 | 02.0 | 086 | 29 | 06.6 | 03.5 | 294 | 30 | 05.4 | 01.9 | 297 |
| .3A.M.S.L. | | | | | | | | | 29 | 04.9 | 02.5 | 139 | 28 | 04.7 | 01.9 | 081 | | | | | | | | |
| .6 ,, | 28 | 04.6 | 02.5 | 328 | 27 | 03.9 | 01.4 | 310 | 29 | 05.1 | 01.5 | 131 | 28 | 05.0 | 01.3 | 042 | 29 | 05.9 | 03.1 | 289 | 30 | 04.9 | 01.8 | 290 |
| .9 ,, | 28 | 05.5 | 02.8 | 327 | 27 | 05.7 | 01.9 | 329 | 28 | 05.4 | 00.4 | 355 | 28 | 05.6 | 01.1 | 349 | 27 | 06.4 | 03.4 | 304 | 30 | 05.6 | 02.4 | 298 |
| 1.5 ,, | 28 | 06.9 | 03.6 | 322 | 25 | 06.7 | 01.9 | 355 | 27 | 07.8 | 02.9 | 327 | 28 | 07.6 | 01.8 | 296 | 26 | 05.2 | 02.7 | 051 | 29 | 06.2 | 02.8 | 317 |
| 2.1 ,, | 26 | 06.9 | 02.3 | 337 | 24 | 06.4 | 01.6 | 330 | 26 | 08.3 | 03.2 | 323 | 28 | 07.9 | 02.6 | 291 | 26 | 05.3 | 01.7 | 351 | 29 | 05.3 | 01.9 | 329 |
| 3.0 ,, | 21 | 07.4 | 02.4 | 318 | 23 | 06.0 | 02.4 | 304 | 15 | 06.0 | 05.6 | 294 | 26 | 07.0 | 03.3 | 295 | 24 | 05.4 | 01.8 | 014 | 25 | 06.0 | 01.8 | 345 |
| 3.6 ,, | 16 | 07.1 | 02.6 | 293 | 06 | 05.8 | 03.5 | 356 | 11 | 05.1 | 04.1 | 281 | 19 | 06.9 | 05.5 | 282 | 23 | 05.7 | 01.3 | 358 | 22 | 06.6 | 01.3 | 329 |
| 4.5 ,, | 09 | 07.2 | 03.1 | 254 | | | | | 05 | 05.0 | 03.4 | 287 | 08 | 06.0 | 03.3 | 303 | 22 | 05.4 | 02.1 | 269 | 15 | 06.3 | 04.0 | 267 |
| 5.4 ,, | 02 | 04.5 | 04.5 | 197 | | | | | 02 | 09.0 | 08.9 | 228 | 04 | 07.0 | 06.0 | 287 | 22 | 05.8 | 04.3 | 250 | 13 | 07.2 | 06.5 | 279 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 175 | | | | | 02 | 10.0 | 10.0 | 236 | 01 | 05.0 | 05.0 | 265 | 22 | 05.9 | 04.7 | 251 | 13 | 09.1 | 07.6 | 275 |
| 7.2 ,, | 01 | 04.0 | 04.0 | 135 | | | | | 02 | 08.5 | 07.5 | 245 | 01 | 07.0 | 07.0 | 265 | 21 | 08.5 | 06.6 | 251 | 13 | 08.3 | 07.3 | 264 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 21 | 10.8 | 08.3 | 255 | 13 | 11.8 | 07.4 | 261 |

| STATION | BHOPAL/BAIRAGARH | | | | BHUBANESWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.8 | 01.2 | 256 | 30 | 02.8 | 01.0 | 319 | 30 | 03.3 | 01.1 | 176 | 30 | 02.9 | 01.3 | 235 | 30 | 01.6 | 01.5 | 248 | 30 | 04.6 | 04.1 | 242 |
| .15 A.G.L. | 28 | 06.7 | 02.8 | 292 | 26 | 04.8 | 02.4 | 274 | 25 | 05.0 | 00.7 | 150 | 29 | 06.1 | 02.3 | 235 | 30 | 06.4 | 05.6 | 258 | 30 | 07.0 | 06.0 | 247 |
| .3A.M.S.L. | | | | | 26 | 05.2 | 02.3 | 268 | 25 | 05.9 | 00.5 | 128 | 29 | 06.5 | 02.2 | 233 | 30 | 07.0 | 06.1 | 263 | 30 | 07.1 | 06.0 | 250 |
| .6 ,, | 28 | 06.1 | 02.5 | 285 | 26 | 05.8 | 02.3 | 279 | 25 | 06.4 | 00.8 | 002 | 29 | 06.7 | 01.4 | 245 | 30 | 07.5 | 06.7 | 265 | 30 | 06.8 | 05.5 | 250 |
| .9 ,, | 28 | 07.5 | 03.3 | 316 | 25 | 06.1 | 02.3 | 301 | 24 | 06.3 | 02.6 | 352 | 29 | 06.5 | 00.7 | 290 | 30 | 07.3 | 06.2 | 257 | 30 | 06.7 | 05.2 | 252 |
| 1.5 ,, | 27 | 06.4 | 03.0 | 332 | 25 | 06.0 | 01.8 | 006 | 22 | 08.0 | 04.6 | 356 | 25 | 06.1 | 01.8 | 012 | 30 | 06.0 | 04.0 | 240 | 30 | 06.0 | 03.8 | 258 |
| 2.1 ,, | 25 | 04.6 | 01.9 | 016 | 22 | 06.4 | 02.7 | 017 | 19 | 07.7 | 04.5 | 353 | 22 | 06.9 | 02.8 | 038 | 27 | 04.7 | 01.3 | 192 | 24 | 04.8 | 01.7 | 280 |
| 3.0 ,, | 23 | 05.0 | 00.7 | 004 | 21 | 06.2 | 02.6 | 026 | 15 | 07.5 | 04.3 | 011 | 16 | 05.9 | 03.1 | 016 | 25 | 04.8 | 02.2 | 033 | 22 | 04.8 | 01.5 | 360 |
| 3.6 ,, | 21 | 04.4 | 01.1 | 041 | 18 | 06.2 | 02.6 | 036 | 12 | 06.8 | 03.3 | 015 | 06 | 04.5 | 01.5 | 018 | 11 | 06.3 | 05.2 | 029 | 19 | 06.6 | 03.9 | 028 |
| 4.5 ,, | 06 | 05.8 | 05.0 | 234 | 13 | 04.8 | 02.2 | 034 | 06 | 07.0 | 01.7 | 002 | | | | | 02 | 06.0 | 05.6 | 025 | 16 | 07.7 | 06.1 | 011 |
| 5.4 ,, | | | | | 12 | 06.0 | 00.7 | 017 | 05 | 07.6 | 02.7 | 300 | | | | | | | | | 14 | 07.6 | 05.4 | 354 |
| 6.0 ,, | | | | | 10 | 06.6 | 01.4 | 053 | 04 | 08.5 | 02.9 | 294 | | | | | | | | | 13 | 07.1 | 05.0 | 335 |
| 7.2 ,, | | | | | 07 | 05.3 | 01.0 | 331 | | | | | | | | | | | | | 09 | 08.7 | 06.4 | 323 |
| 9.0 ,, | | | | | 05 | 05.6 | 01.8 | 178 | | | | | | | | | | | | | 02 | 12.5 | 09.6 | 286 |

**1130 hrs. data of Begampet given at the end of this Table.**

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | BHUJ/RUDRAMATA | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.1 | 02.9 | 240 | 30 | 01.4 | 00.8 | 222 | 30 | 01.7 | 00.8 | 228 | 30 | 01.6 | 00.5 | 196 | 30 | 01.4 | 00.8 | 270 | 30 | 01.9 | 01.0 | 244 |
| .15 A.G.L. | 29 | 06.4 | 06.1 | 250 | 29 | 09.3 | 05.2 | 225 | 30 | 06.2 | 02.5 | 230 | 29 | 09.0 | 04.8 | 190 | 29 | 04.9 | 01.7 | 290 | 29 | 03.7 | 01.7 | 267 |
| .3A.M.S.L. | 29 | 06.9 | 06.4 | 255 | 29 | 06.8 | 03.8 | 218 | 30 | 05.0 | 02.3 | 223 | 29 | 06.9 | 04.1 | 188 | 29 | 05.1 | 01.8 | 290 | 29 | 04.2 | 02.0 | 270 |
| .6 ,, | 29 | 07.4 | 06.1 | 258 | 29 | 18.6 | 06.9 | 242 | 29 | 06.1 | 02.0 | 245 | 28 | 09.0 | 05.6 | 203 | 29 | 05.6 | 07.2 | 302 | 28 | 04.7 | 01.6 | 275 |
| .9 ,, | 29 | 07.5 | 06.2 | 254 | 29 | 09.3 | 06.1 | 245 | 29 | 06.2 | 02.3 | 218 | 28 | 08.4 | 05.2 | 223 | 29 | 06.0 | 02.1 | 307 | 27 | 05.2 | 00.9 | 300 |
| 1.5 ,, | 28 | 05.9 | 03.4 | 222 | 29 | 06.2 | 03.7 | 241 | 28 | 05.7 | 03.7 | 231 | 28 | 05.8 | 04.1 | 253 | 29 | 06.7 | 01.2 | 288 | 15 | 06.9 | 02.5 | 061 |
| 2.1 ,, | 27 | 04.6 | 01.8 | 175 | 29 | 04.6 | 02.3 | 245 | 28 | 06.3 | 03.5 | 239 | 25 | 04.1 | 02.8 | 270 | 29 | 06.8 | 00.6 | 240 | 13 | 06.9 | 03.9 | 086 |
| 3.0 ,, | 25 | 05.1 | 01.9 | 019 | 29 | 05.7 | 00.7 | 358 | 27 | 04.9 | 03.0 | 275 | 24 | 05.0 | 02.0 | 299 | 29 | 07.6 | 01.4 | 228 | 10 | 06.7 | 03.2 | 103 |
| 3.6 ,, | 16 | 05.8 | 04.4 | 010 | 26 | 07.1 | 02.3 | 027 | 27 | 05.4 | 02.9 | 303 | 03 | 08.3 | 01.1 | 219 | 29 | 06.3 | 01.6 | 255 | 10 | 06.2 | 01.7 | 097 |
| 4.5 ,, | 05 | 07.4 | 07.4 | 024 | 22 | 06.4 | 04.1 | 028 | 21 | 06.3 | 02.5 | 004 | | | | | 29 | 05.7 | 01.9 | 278 | 08 | 04.3 | 03.3 | 066 |
| 5.4 ,, | | | | | 17 | 06.5 | 03.4 | 354 | 18 | 06.7 | 05.1 | 345 | | | | | 29 | 04.7 | 01.4 | 275 | 07 | 03.1 | 02.3 | 042 |
| 6.0 ,, | | | | | 14 | 07.0 | 05.1 | 322 | 17 | 07.5 | 04.4 | 320 | | | | | 29 | 03.6 | 01.4 | 288 | 06 | 02.7 | 01.7 | 047 |
| 7.2 ,, | | | | | 07 | 09.3 | 09.0 | 305 | 03 | 08.6 | 07.3 | 286 | | | | | 29 | 04.6 | 00.3 | 113 | 06 | 03.8 | 00.6 | 207 |
| 9.0 ,, | | | | | 02 | 15.0 | 14.9 | 283 | | | | | | | | | 29 | 05.5 | 01.3 | 103 | 03 | 05.7 | 05.5 | 204 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.4 | 02.7 | 306 | 30 | 02.1 | 00.8 | 283 | 30 | 00.8 | 00.5 | 094 | 30 | 01.8 | 00.5 | 080 | 30 | 01.3 | 00.6 | 132 | 30 | 01.3 | 00.4 | 103 |
| .15 A.G.L. | 29 | 06.4 | 04.4 | 293 | 30 | 04.9 | 02.5 | 282 | 30 | 04.4 | 00.5 | 224 | 28 | 04.0 | 01.1 | 089 | 30 | 04.3 | 00.9 | 128 | 30 | 05.8 | 02.1 | 160 |
| .3A.M.S.L. | 29 | 06.2 | 04.4 | 294 | 30 | 05.2 | 02.6 | 282 | 30 | 04.8 | 00.4 | 229 | 28 | 04.1 | 01.7 | 083 | 30 | 04.8 | 00.8 | 126 | 30 | 06.4 | 02.0 | 157 |
| .6 ,, | 29 | 05.7 | 03.4 | 292 | 30 | 05.7 | 02.6 | 279 | 30 | 05.8 | 00.5 | 148 | 28 | 05.3 | 02.2 | 088 | 30 | 05.9 | 00.6 | 095 | 30 | 06.5 | 01.7 | 160 |
| .9 ,, | 29 | 05.6 | 02.9 | 291 | 27 | 05.7 | 02.2 | 293 | 30 | 06.0 | 00.2 | 060 | 24 | 05.9 | 01.7 | 093 | 30 | 06.3 | 00.7 | 065 | 28 | 06.5 | 00.6 | 168 |
| 1.5 ,, | 28 | 05.7 | 01.5 | 275 | 23 | 05.3 | 00.8 | 330 | 30 | 06.9 | 02.1 | 024 | 12 | 06.2 | 02.4 | 023 | 30 | 07.1 | 01.2 | 055 | 26 | 07.2 | 00.8 | 002 |
| 2.1 ,, | 28 | 06.4 | 00.4 | 266 | 21 | 05.4 | 01.6 | 070 | 30 | 07.4 | 02.4 | 032 | 09 | 05.4 | 03.3 | 055 | 30 | 06.9 | 01.6 | 029 | 23 | 07.4 | 03.0 | 356 |
| 3.0 ,, | 28 | 07.0 | 02.1 | 273 | 21 | 06.0 | 01.6 | 121 | 30 | 06.5 | 01.5 | 059 | 06 | 06.5 | 05.1 | 067 | 30 | 06.6 | 00.9 | 006 | 16 | 06.2 | 02.4 | 343 |
| 3.6 ,, | 28 | 06.7 | 03.0 | 256 | 08 | 06.5 | 04.8 | 205 | 30 | 05.9 | 01.2 | 063 | 05 | 06.2 | 05.0 | 087 | 30 | 06.8 | 00.7 | 075 | 08 | 04.9 | 02.2 | 030 |
| 4.5 ,, | 27 | 06.9 | 03.0 | 263 | 07 | 06.0 | 04.7 | 255 | 30 | 06.3 | 00.4 | 154 | 03 | 07.0 | 04.7 | 064 | 29 | 06.1 | 00.4 | 048 | 06 | 06.5 | 01.3 | 061 |
| 5.4 ,, | 26 | 05.7 | 03.0 | 263 | 01 | 04.0 | 04.0 | 235 | 29 | 05.4 | 00.8 | 216 | 02 | 05.0 | 03.9 | 070 | 29 | 05.7 | 00.4 | 154 | 03 | 16.0 | 12.6 | 079 |
| 6.0 ,, | 26 | 05.0 | 02.2 | 274 | | | | | 29 | 04.7 | 00.3 | 228 | 02 | 03.5 | 03.1 | 130 | 29 | 05.0 | 00.3 | 203 | 02 | 21.0 | 19.7 | 104 |
| 7.2 ,, | 25 | 04.0 | 00.3 | 168 | | | | | 29 | 05.6 | 01.6 | 216 | 02 | 07.5 | 07.1 | 151 | 29 | 06.6 | 00.7 | 258 | | | | |
| 9.0 ,, | 25 | 05.2 | 01.8 | 109 | | | | | 29 | 06.9 | 00.8 | 138 | 02 | 07.5 | 07.1 | 176 | 29 | 07.1 | 01.2 | 154 | | | | |

| STATION | COCHIN/WILLINGDON + | | | | | | | | | | | | DEHRA DUN | | | | | | | | DIBRUGARH/MOHANBARI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.4 | 00.2 | 050 | 30 | 03.0 | 02.3 | 282 | 30 | 00.5 | 00.1 | 015 | 30 | 00.3 | 00.2 | 358 | 30 | 00.8 | 00.4 | 273 | 30 | 00.8 | 00.6 | 047 |
| .15 A.G.L. | 23 | 02.4 | 01.3 | 023 | 28 | 04.6 | 03.6 | 295 | 20 | 03.5 | 01.6 | 322 | 29 | 01.7 | 00.8 | 048 | 28 | 02.7 | 01.4 | 281 | 24 | 03.5 | 03.1 | 050 |
| .3A.M.S.L. | 23 | 03.4 | 02.4 | 318 | 28 | 05.7 | 05.1 | 291 | 20 | 04.1 | 02.9 | 312 | | | | | | | | | 24 | 03.7 | 03.2 | 050 |
| .6 ,, | 23 | 05.7 | 05.2 | 303 | 28 | 07.5 | 06.8 | 290 | 20 | 05.3 | 04.7 | 304 | | | | | | | | | 24 | 04.3 | 03.5 | 054 |
| .9 ,, | 23 | 06.5 | 06.2 | 299 | 27 | 07.3 | 06.7 | 292 | 20 | 06.3 | 05.5 | 300 | 29 | 01.7 | 00.8 | 089 | 28 | 02.8 | 01.6 | 280 | 23 | 03.3 | 02.6 | 067 |
| 1.5 ,, | 21 | 06.1 | 05.8 | 293 | 24 | 06.5 | 05.8 | 290 | 19 | 06.0 | 05.3 | 290 | 29 | 02.1 | 01.1 | 161 | 28 | 03.2 | 01.9 | 268 | 21 | 03.3 | 01.5 | 104 |
| 2.1 ,, | 18 | 05.0 | 03.8 | 294 | 20 | 05.0 | 03.8 | 297 | 16 | 05.0 | 03.9 | 284 | 26 | 02.9 | 01.1 | 264 | 26 | 03.0 | 01.8 | 277 | 17 | 03.4 | 00.9 | 128 |
| 3.0 ,, | 11 | 03.4 | 00.9 | 044 | 13 | 04.2 | 01.7 | 344 | 12 | 04.7 | 01.0 | 333 | 21 | 03.8 | 01.9 | 314 | 21 | 03.5 | 00.7 | 272 | 10 | 02.6 | 02.0 | 236 |
| 3.6 ,, | 07 | 04.3 | 00.6 | 329 | 11 | 05.1 | 02.8 | 335 | 05 | 04.0 | 01.8 | 051 | 20 | 03.7 | 00.8 | 070 | 18 | 04.0 | 01.3 | 180 | 07 | 03.0 | 02.7 | 220 |
| 4.5 ,, | 03 | 07.7 | 06.3 | 283 | 09 | 04.0 | 02.5 | 012 | | | | | 18 | 04.6 | 01.1 | 162 | 10 | 04.0 | 01.9 | 127 | 05 | 04.4 | 03.6 | 250 |
| 5.4 ,, | | | | | 01 | 02.0 | 02.0 | 350 | | | | | 17 | 06.0 | 02.6 | 233 | 10 | 04.3 | 01.7 | 172 | 03 | 06.0 | 05.5 | 260 |
| 6.0 ,, | | | | | | | | | | | | | 16 | 07.6 | 03.4 | 231 | 10 | 05.9 | 01.7 | 236 | 02 | 07.0 | 02.9 | 330 |
| 7.2 ,, | | | | | | | | | | | | | 14 | 11.0 | 07.3 | 232 | 07 | 08.0 | 05.4 | 245 | | | | |
| 9.0 ,, | | | | | | | | | | | | | 08 | 17.6 | 13.9 | 260 | 04 | 19.3 | 19.3 | 250 | | | | |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | GADAG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.0 | 00.8 | 054 | 30 | 00.7 | 00.6 | 039 | 30 | 00.7 | 00.5 | 059 | 30 | 03.0 | 01.8 | 256 | 30 | 04.1 | 02.2 | 256 | 30 | 03.8 | 02.5 | 251 |
| .15 A.G.L. | 28 | 02.6 | 01.8 | 056 | 30 | 03.1 | 01.9 | 050 | 30 | 03.4 | 02.1 | 040 | 28 | 07.2 | 04.0 | 260 | 30 | 07.5 | 04.0 | 257 | 29 | 08.8 | 04.9 | 268 |
| .3A.M.S.L. | 28 | 02.5 | 01.8 | 058 | 30 | 03.1 | 01.8 | 056 | 30 | 03.3 | 01.9 | 048 | | | | | | | | | | | | |
| .6 ,, | 27 | 03.0 | 02.2 | 057 | 30 | 03.3 | 02.1 | 066 | 30 | 03.2 | 01.8 | 062 | | | | | | | | | | | | |
| .9 ,, | 26 | 02.8 | 01.7 | 070 | 30 | 03.4 | 01.7 | 080 | 30 | 02.7 | 01.5 | 075 | 28 | 08.5 | 03.9 | 285 | 30 | 07.5 | 03.9 | 269 | 29 | 10.0 | 05.4 | 279 |
| 1.5 ,, | 24 | 03.0 | 01.7 | 154 | 30 | 03.4 | 01.4 | 170 | 29 | 02.8 | 00.9 | 143 | 25 | 07.5 | 01.6 | 296 | 28 | 07.7 | 03.1 | 281 | 29 | 10.0 | 04.5 | 303 |
| 2.1 ,, | 22 | 03.1 | 01.7 | 184 | 30 | 04.0 | 02.9 | 194 | 28 | 03.6 | 01.9 | 181 | 23 | 07.3 | 00.8 | 013 | 23 | 07.2 | 02.5 | 306 | 24 | 07.1 | 02.1 | 012 |
| 3.0 ,, | 18 | 04.4 | 02.7 | 200 | 28 | 05.9 | 04.2 | 205 | 16 | 02.9 | 02.5 | 211 | 21 | 04.9 | 01.0 | 081 | 16 | 05.8 | 03.1 | 314 | 23 | 06.7 | 02.8 | 050 |
| 3.6 ,, | 13 | 04.4 | 02.9 | 213 | 22 | 05.2 | 03.1 | 210 | 12 | 04.1 | 03.5 | 225 | 18 | 05.4 | 00.4 | 098 | 14 | 04.9 | 02.5 | 281 | 23 | 06.5 | 01.7 | 070 |
| 4.5 ,, | 07 | 05.1 | 03.4 | 228 | 19 | 06.3 | 04.4 | 240 | | | | | 14 | 05.7 | 01.2 | 280 | 11 | 04.4 | 00.7 | 250 | 10 | 04.8 | 00.7 | 153 |
| 5.4 ,, | 03 | 06.0 | 05.2 | 248 | 16 | 07.8 | 05.7 | 251 | | | | | 14 | 05.0 | 00.6 | 191 | 09 | 05.7 | 03.6 | 168 | 06 | 04.7 | 02.3 | 231 |
| 6.0 ,, | 03 | 07.0 | 04.4 | 226 | 13 | 08.7 | 05.8 | 257 | | | | | 12 | 04.3 | 01.3 | 091 | 09 | 05.4 | 04.5 | 139 | 04 | 03.5 | 02.7 | 147 |
| 7.2 ,, | 02 | 15.5 | 15.5 | 180 | 11 | 09.5 | 07.7 | 243 | | | | | 10 | 04.9 | 03.8 | 077 | 06 | 07.3 | 06.3 | 121 | 01 | 07.0 | 07.0 | 135 |
| 9.0 ,, | 01 | 13.0 | 13.0 | 259 | 07 | 09.3 | 07.7 | 277 | | | | | 06 | 09.0 | 08.1 | 077 | 05 | 08.6 | 06.7 | 119 | 01 | 11.0 | 11.0 | 125 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | [illegible] | 00.2 | 00.2 | 026 | 30 | 01.0 | 00.6 | 157 | 30 | 00.5 | 00.3 | 035 | 30 | 02.3 | 01.7 | 014 | 30 | 00.8 | 00.3 | 144 | 30 | 01.8 | 00.7 | 131 |
| .15 A.G.L. | 15 | [illegible] | 01.2 | 349 | 14 | 02.4 | 01.7 | 172 | 30 | 02.5 | 01.3 | 087 | 29 | 03.6 | 02.8 | 035 | 30 | 02.7 | 00.3 | 156 | 29 | 02.7 | 01.1 | 119 |
| .3A.M.S.L. | | | | | | | | | 30 | 02.7 | 01.5 | 088 | 29 | 03.6 | 02.6 | 052 | 30 | 02.7 | 00.3 | 158 | 29 | 02.6 | 00.8 | 106 |
| .6 ,, | | | | | | | | | 30 | 03.2 | 01.3 | 091 | 29 | 03.7 | 02.1 | 080 | 30 | 02.6 | 00.2 | 033 | 28 | 03.1 | 00.7 | 079 |
| .9 ,, | | | | | | | | | 30 | 04.1 | 01.0 | 089 | 28 | 04.1 | 01.4 | 104 | 30 | 03.0 | 00.1 | 196 | 28 | 03.4 | 00.4 | 090 |
| 1.5 ,, | | | | | | | | | 30 | 04.2 | 00.1 | 158 | 26 | 04.5 | 01.4 | 152 | 30 | 04.5 | 01.6 | 224 | 28 | 04.0 | 01.9 | 224 |
| 2.1 ,, | 15 | 01.1 | 00.3 | 036 | 14 | 02.3 | 01.3 | 183 | 29 | 04.2 | 01.3 | 252 | 25 | 04.9 | 01.8 | 177 | 30 | 04.5 | 01.8 | 227 | 27 | 05.0 | 02.5 | 213 |
| 3.0 ,, | 14 | 01.1 | 00.3 | 143 | 13 | 02.1 | 00.9 | 174 | 29 | 04.3 | 01.4 | 228 | 22 | 05.5 | 02.1 | 206 | 30 | 04.9 | 02.3 | 227 | 22 | 04.7 | 03.0 | 212 |
| 3.6 ,, | 14 | 01.6 | 00.5 | 138 | 08 | 01.5 | 01.0 | 222 | 29 | 03.8 | 02.0 | 233 | 18 | 06.1 | 01.7 | 218 | 29 | 04.2 | 02.0 | 240 | 05 | 05.4 | 04.1 | 232 |
| 4.5 ,, | 14 | 03.7 | 01.5 | 246 | 07 | 03.6 | 03.5 | 247 | 28 | 04.1 | 02.5 | 239 | 12 | 05.8 | 03.7 | 246 | 28 | 04.6 | 01.8 | 233 | | | | |
| 5.4 ,, | 12 | 05.3 | 03.7 | 238 | 04 | 06.7 | 06.2 | 248 | 29 | 05.2 | 03.2 | 241 | 11 | 06.8 | 04.4 | 244 | 27 | 04.6 | 02.6 | 245 | | | | |
| 6.0 ,, | 10 | 07.6 | 05.0 | 231 | 04 | 08.3 | 08.1 | 244 | 28 | 04.7 | 03.2 | 230 | 11 | 06.8 | 04.9 | 260 | 27 | 04.7 | 02.6 | 251 | | | | |
| 7.2 ,, | 09 | 09.1 | 07.8 | 236 | 02 | 13.5 | 13.5 | 243 | 27 | 05.1 | 02.3 | 252 | 05 | 07.8 | 04.2 | 248 | 27 | 04.9 | 02.6 | 248 | | | | |
| 9.0 ,, | 07 | 15.7 | 13.2 | 228 | | | | | 26 | 06.5 | 03.3 | 242 | 03 | 12.3 | 08.9 | 236 | 26 | 07.5 | 03.7 | 255 | | | | |

| STATION | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.8 | 00.4 | 167 | 30 | 02.9 | 01.6 | 335 | 30 | 02.3 | 00.8 | 139 | 30 | 01.6 | 01.0 | 305 | 30 | 05.6 | 03.6 | 304 | 30 | 02.5 | 01.8 | 341 |
| .15 A.G.L. | 30 | 05.4 | 01.6 | 272 | 30 | 05.5 | 02.8 | 338 | 30 | 05.6 | 00.4 | 187 | | | | | | | | | | | | |
| .3A.M.S.L. | 30 | 05.6 | 01.3 | 296 | 30 | 05.7 | 02.9 | 329 | 30 | 06.1 | 00.5 | 277 | 26 | 04.7 | 02.5 | 326 | 25 | 06.8 | 05.1 | 292 | 20 | 06.0 | 04.4 | 316 |
| .6 ,, | 30 | 06.2 | 01.6 | 349 | 30 | 06.5 | 02.5 | 337 | 30 | 06.5 | 01.1 | 319 | 26 | 06.1 | 03.2 | 314 | 25 | 08.0 | 05.5 | 296 | 20 | 07.5 | 05.7 | 315 |
| .9 ,, | 30 | 06.7 | 02.1 | 341 | 30 | 06.6 | 02.6 | 333 | 30 | 06.7 | 01.4 | 317 | 23 | 07.7 | 03.7 | 312 | 22 | 07.2 | 03.9 | 298 | 16 | 08.3 | 05.9 | 320 |
| 1.5 ,, | 28 | 06.7 | 04.2 | 321 | 29 | 06.8 | 02.8 | 309 | 29 | 06.7 | 02.4 | 297 | 10 | 07.9 | 03.0 | 347 | 18 | 06.7 | 02.1 | 300 | 07 | 05.6 | 02.4 | 343 |
| 2.1 ,, | 26 | 06.0 | 05.4 | 309 | 28 | 07.1 | 03.2 | 304 | 27 | 06.5 | 04.2 | 297 | 04 | 09.5 | 05.1 | 076 | 09 | 06.3 | 01.3 | 346 | 01 | 09.0 | 09.0 | 205 |
| 3.0 ,, | 25 | 05.5 | 04.5 | 297 | 23 | 06.1 | 05.2 | 293 | 22 | 06.2 | 03.3 | 296 | | | | | 04 | 06.0 | 02.4 | 040 | | | | |
| 3.6 ,, | 23 | 05.4 | 03.4 | 277 | 22 | 06.2 | 05.0 | 283 | 06 | 06.1 | 05.4 | 260 | | | | | 02 | 08.0 | 05.3 | 341 | | | | |
| 4.5 ,, | 21 | 05.9 | 04.0 | 267 | 18 | 05.3 | 04.1 | 276 | 04 | 05.0 | 04.5 | 231 | | | | | 01 | 04.0 | 04.0 | 280 | | | | |
| 5.4 ,, | 19 | 05.9 | 03.7 | 265 | 15 | 06.7 | 05.3 | 280 | 01 | 03.0 | 03.0 | 251 | | | | | | | | | | | | |
| 6.0 ,, | 19 | 05.9 | 03.6 | 268 | 14 | 07.2 | 04.8 | 274 | | | | | | | | | | | | | | | | |
| 7.2 ,, | 11 | 09.7 | 08.1 | 255 | 08 | 07.7 | 05.5 | 278 | | | | | | | | | | | | | | | | |
| 9.0 ,, | 05 | 08.2 | 06.5 | 265 | 02 | 10.5 | 06.7 | 277 | | | | | | | | | | | | | | | | |

| STATION | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.1 | 280 | 30 | 03.8 | 02.1 | 227 | 30 | 03.1 | 01.3 | 247 | 30 | 00.9 | 00.1 | 153 | 30 | 01.1 | 00.1 | 331 | 30 | 01.3 | 00.5 | 245 |
| .15 A.G.L. | 26 | 05.1 | 02.9 | 267 | 27 | 06.2 | 02.5 | 198 | 26 | 05.9 | 02.5 | 235 | 28 | 05.0 | 00.8 | 336 | 30 | 04.6 | 00.2 | 326 | 30 | 06.0 | 03.0 | 276 |
| .3A.M.S.L. | 26 | 04.7 | 02.3 | 271 | 27 | 05.8 | 01.6 | 196 | 26 | 06.1 | 02.6 | 239 | 28 | 05.9 | 01.3 | 318 | 30 | 05.0 | 01.8 | 322 | 30 | 04.6 | 02.3 | 272 |
| .6 ,, | 26 | 05.1 | 02.1 | 275 | 27 | 05.3 | 00.5 | 288 | 26 | 06.3 | 01.3 | 271 | 28 | 07.1 | 01.5 | 292 | 30 | 05.4 | 02.5 | 299 | 29 | 06.6 | 03.4 | 293 |
| .9 ,, | 26 | 05.7 | 01.9 | 318 | 25 | 05.7 | 02.1 | 354 | 26 | 06.5 | 01.3 | 332 | 28 | 07.9 | 02.5 | 287 | 30 | 06.4 | 03.0 | 292 | 28 | 05.8 | 03.4 | 294 |
| 1.5 ,, | 24 | 06.4 | 03.7 | 355 | 24 | 06.7 | 03.7 | 005 | 23 | 06.4 | 03.7 | 003 | 27 | 08.5 | 04.0 | 302 | 30 | 07.1 | 04.0 | 281 | 26 | 04.1 | 03.4 | 316 |
| 2.1 ,, | 22 | 06.0 | 03.4 | 023 | 22 | 07.0 | 04.2 | 016 | 22 | 06.2 | 03.5 | 011 | 26 | 08.1 | 03.6 | 321 | 29 | 08.0 | 04.2 | 282 | 25 | 05.1 | 04.5 | 324 |
| 3.0 ,, | 18 | 05.7 | 03.4 | 032 | 19 | 06.5 | 03.4 | 031 | 15 | 06.2 | 04.2 | 058 | 20 | 05.7 | 02.8 | 291 | 25 | 07.1 | 02.9 | 286 | 23 | 05.3 | 04.5 | 336 |
| 3.6 ,, | 14 | 05.3 | 02.5 | 020 | 17 | 07.0 | 03.4 | 028 | 01 | 08.0 | 08.0 | 341 | 18 | 04.9 | 03.1 | 294 | 22 | 05.7 | 01.6 | 302 | 21 | 05.7 | 04.4 | 336 |
| 4.5 ,, | 11 | 04.8 | 02.4 | 312 | 12 | 05.7 | 02.6 | 070 | | | | | 13 | 05.7 | 04.3 | 280 | 19 | 06.0 | 02.5 | 273 | 18 | 05.7 | 04.0 | 293 |
| 5.4 ,, | 09 | 04.4 | 03.5 | 320 | 08 | 04.5 | 01.2 | 049 | | | | | 10 | 07.8 | 05.3 | 266 | 15 | 06.0 | 05.0 | 271 | 18 | 06.2 | 04.2 | 268 |
| 6.0 ,, | 07 | 04.4 | 03.0 | 338 | 08 | 04.4 | 01.3 | 112 | | | | | 10 | 08.0 | 07.1 | 248 | 15 | 07.7 | 06.0 | 273 | 17 | 06.4 | 05.1 | 260 |
| 7.2 ,, | | | | | 02 | 05.5 | 04.8 | 273 | | | | | 06 | 12.0 | 10.5 | 253 | 11 | 10.6 | 08.6 | 278 | 12 | 07.9 | 06.9 | 262 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 22.0 | 22.0 | 256 | 04 | 11.0 | 10.8 | 271 | 12 | 13.7 | 12.3 | 259 |

| STATION | GWALIOR | | | | | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.9 | 00.7 | 297 | 30 | 02.2 | 00.9 | 290 | 30 | 01.4 | 00.7 | 209 | 30 | 00.4 | 00.5 | 152 | 30 | 01.3 | 00.5 | 159 | 30 | 01.7 | 00.6 | 220 |
| .15 A.G.L. | 30 | 03.7 | 00.7 | 284 | 30 | 05.0 | 01.8 | 314 | 30 | 05.6 | 01.3 | 267 | 26 | 02.3 | 00.9 | 076 | 29 | 02.6 | 01.2 | 170 | 28 | 03.6 | 01.4 | 226 |
| .3A.M.S.L. | 30 | 03.5 | 01.3 | 287 | 30 | 04.5 | 01.7 | 305 | 30 | 05.0 | 01.3 | 257 | | | | | | | | | | | | |
| .6 ,, | 30 | 04.1 | 01.5 | 283 | 30 | 05.5 | 02.5 | 311 | 30 | 06.3 | 01.8 | 293 | | | | | | | | | | | | |
| .9 ,, | 30 | 05.0 | 01.5 | 285 | 30 | 05.7 | 02.6 | 312 | 30 | 06.6 | 02.4 | 282 | 26 | 02.3 | 00.9 | 067 | 29 | 02.5 | 01.3 | 172 | 28 | 03.3 | 01.5 | 223 |
| 1.5 ,, | 26 | 04.0 | 02.2 | 308 | 26 | 05.0 | 04.0 | 317 | 29 | 05.2 | 02.6 | 306 | 26 | 03.3 | 00.5 | 142 | 29 | 03.4 | 01.2 | 155 | 28 | 03.3 | 01.9 | 161 |
| 2.1 ,, | 23 | 04.9 | 03.0 | 321 | 26 | 05.3 | 04.2 | 316 | 27 | 05.4 | 03.4 | 307 | 26 | 05.0 | 01.8 | 181 | 27 | 04.6 | 01.8 | 160 | 28 | 03.7 | 01.4 | 182 |
| 3.0 ,, | 22 | 04.6 | 03.4 | 324 | 24 | 05.6 | 05.0 | 317 | 23 | 05.3 | 04.7 | 318 | 16 | 04.7 | 02.5 | 220 | 17 | 03.7 | 01.9 | 234 | 24 | 04.1 | 01.8 | 222 |
| 3.6 ,, | 22 | 04.5 | 03.0 | 320 | 24 | 05.4 | 04.4 | 309 | 08 | 04.9 | 03.3 | 326 | 10 | 03.5 | 02.3 | 204 | 17 | 04.3 | 02.8 | 235 | 21 | 04.4 | 01.6 | 215 |
| 4.5 ,, | 19 | 06.5 | 04.4 | 272 | 21 | 06.6 | 05.0 | 301 | 03 | 03.0 | 02.5 | 322 | 09 | 04.9 | 03.6 | 212 | 15 | 05.0 | 03.7 | 244 | 15 | 05.6 | 03.4 | 257 |
| 5.4 ,, | 18 | 07.1 | 06.0 | 255 | 21 | 07.6 | 06.2 | 282 | | | | | 07 | 06.1 | 03.7 | 228 | 10 | 05.9 | 05.6 | 240 | 13 | 04.1 | 03.9 | 255 |
| 6.0 ,, | 16 | 08.9 | 07.7 | 253 | 17 | 07.5 | 06.3 | 280 | | | | | 05 | 05.4 | 04.2 | 266 | 04 | 06.5 | 05.9 | 244 | 08 | 05.4 | 04.1 | 272 |
| 7.2 ,, | 14 | 11.7 | 10.8 | 249 | 12 | 08.8 | 08.0 | 278 | | | | | 01 | 06.0 | 06.0 | 230 | | | | | 05 | 07.0 | 05.0 | 263 |
| 9.0 ,, | 04 | 16.2 | 16.1 | 247 | 06 | 12.0 | 11.5 | 265 | | | | | | | | | | | | | 02 | 13.0 | 13.0 | 252 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | IMPHAL/TULIHAL | JABALPUR | | | JAGDALPUR | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 30 01.1 00.5 359 | 30 00.7 00.3 251 | 30 01.4 00.5 337 | 30 01.0 00.2 138 | 30 00.6 00.5 239 | 30 01.2 00.5 284 |
| .15 A.G.L. | 27 02.5 00.8 013 | 30 04.2 01.6 256 | 30 04.1 01.5 339 | 30 05.3 00.9 252 | 26 04.1 01.7 260 | 28 04.6 01.8 340 |
| .3A.M.S.L. | | | | | | |
| .6 ,, | | 30 04.8 00.9 076 | 30 04.4 01.3 339 | 30 05.9 00.9 256 | 26 02.4 00.9 262 | 28 03.0 01.1 330 |
| .9 ,, | 27 02.4 00.8 018 | 29 06.0 02.2 310 | 30 05.2 01.6 354 | 30 06.2 02.1 294 | 26 05.6 02.0 262 | 28 05.2 02.5 349 |
| 1.5 ,, | 27 02.6 00.9 149 | 25 05.1 02.9 334 | 29 06.0 03.0 340 | 28 05.7 02.5 292 | 23 05.6 02.9 006 | 26 05.7 02.6 355 |
| 2.1 ,, | 23 04.0 02.5 177 | 25 05.1 02.7 347 | 27 07.0 03.3 337 | 26 04.8 02.5 352 | 18 06.0 03.9 031 | 23 06.5 02.8 354 |
| 3.0 ,, | 18 04.4 02.4 213 | 24 05.2 02.5 337 | 23 05.9 03.9 315 | 20 04.5 02.5 332 | 15 05.9 03.7 046 | 19 06.1 03.0 011 |
| 3.6 ,, | 16 04.6 02.6 234 | 21 05.0 01.9 280 | 23 05.9 03.9 303 | 08 03.7 01.3 306 | 14 06.4 03.9 034 | 17 05.8 01.9 354 |
| 4.5 ,, | 09 04.1 03.5 257 | 19 06.3 03.4 245 | 18 05.7 03.6 272 | 04 05.7 03.3 183 | 10 05.0 03.9 098 | 12 07.8 03.1 306 |
| 5.4 ,, | 03 05.3 05.2 259 | 18 06.7 05.2 246 | 16 06.1 04.4 270 | 02 03.5 03.5 229 | 10 04.3 01.5 178 | 08 07.7 04.7 286 |
| 6.0 ,, | 01 02.0 02.0 265 | 16 07.0 05.3 255 | 10 10.0 07.3 279 | | 07 04.5 01.6 242 | 07 08.0 04.7 290 |
| 7.2 ,, | | 09 06.2 04.4 259 | 10 08.4 05.5 262 | | 07 03.4 00.8 241 | 04 05.2 01.1 250 |
| 9.0 ,, | | 04 06.5 02.9 230 | 03 09.7 07.7 272 | | 03 04.3 00.6 304 | 02 05.0 01.0 270 |

| STATION | JAGDALPUR | JAIPUR/SANGANER | | | JAMSHEDPUR | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530 | 1730 | 2330 | 0530 | 1730 |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 30 00.6 00.2 198 | 30 00.7 00.4 331 | 30 01.6 00.4 316 | 30 00.9 00.1 346 | 30 00.8 00.2 084 | 30 01.4 00.8 063 |
| .15 A.G.L. | 27 04.0 00.3 281 | 27 05.7 03.4 297 | 30 04.4 02.5 297 | 29 06.1 02.6 288 | 28 03.0 01.2 270 | 30 04.1 01.5 078 |
| .3A.M.S.L. | | | | | 28 03.1 01.4 274 | 30 04.2 01.6 080 |
| .6 ,, | 27 02.7 00.3 299 | 27 06.1 04.1 292 | 28 05.0 03.1 298 | 29 06.6 03.0 252 | 28 04.7 02.2 313 | 30 05.3 01.5 075 |
| .9 ,, | 27 04.7 00.5 357 | 27 07.0 04.8 291 | 28 05.3 03.6 302 | 29 06.9 02.9 294 | 28 06.3 03.1 334 | 26 05.3 01.0 004 |
| 1.5 ,, | 26 06.6 02.2 350 | 27 04.3 02.9 292 | 27 05.1 04.0 313 | 29 05.8 02.8 305 | 27 06.7 04.3 350 | 23 05.3 03.2 335 |
| 2.1 ,, | 23 05.8 02.7 015 | 26 03.9 01.9 311 | 27 04.6 02.5 309 | 27 04.2 02.4 310 | 23 05.8 04.0 002 | 20 06.7 04.7 342 |
| 3.0 ,, | 21 05.4 02.9 023 | 23 04.7 03.2 342 | 26 06.0 02.8 322 | 23 04.5 03.2 324 | 19 05.8 03.2 346 | 14 06.3 05.7 319 |
| 3.6 ,, | 10 04.2 02.6 064 | 23 05.1 03.5 359 | 23 05.7 03.7 307 | 12 05.1 03.9 354 | 16 05.1 02.1 326 | 13 06.8 06.2 313 |
| 4.5 ,, | 06 04.0 01.0 003 | 23 05.4 02.1 017 | 18 06.3 02.7 310 | | 16 05.0 02.0 283 | 09 05.3 02.7 303 |
| 5.4 ,, | 02 08.0 01.0 115 | 22 05.7 03.4 279 | 17 06.8 04.7 294 | | 15 04.4 02.4 268 | 08 03.4 02.1 296 |
| 6.0 ,, | | 21 07.0 05.1 266 | 14 07.9 05.9 295 | | 14 05.5 03.7 284 | 07 04.1 02.3 293 |
| 7.2 ,, | | 11 08.4 07.5 272 | 07 08.6 07.4 281 | | 09 05.7 03.9 281 | 07 06.7 04.2 263 |
| 9.0 ,, | | 04 08.0 07.9 249 | 01 06.0 06.0 235 | | 05 05.8 04.6 297 | 04 07.3 05.1 282 |

| STATION | JHARSUGUDA | | | JODHPUR | | |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | 1730 | 2330 | 0530 * | 1130 | 1730* |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 30 00.9 00.2 059 | 30 02.0 00.2 250 | 30 01.4 00.1 207 | 30 05.1 03.5 250 | 30 02.6 01.4 240 | 30 03.6 02.0 223 |
| .15 A.G.L. | 29 03.9 00.9 024 | 30 04.7 00.5 313 | 29 04.5 00.6 327 | 30 07.6 05.4 252 | 30 04.8 03.1 230 | 30 05.6 03.0 224 |
| .3A.M.S.L. | 29 02.9 00.8 015 | 30 04.0 00.7 287 | 29 03.8 00.3 345 | 30 05.4 03.6 250 | 30 04.4 02.8 240 | 30 03.8 02.1 221 |
| .6 ,, | 29 05.1 01.5 339 | 30 05.4 00.8 339 | 29 05.6 00.9 334 | 30 07.7 06.0 250 | 30 05.1 02.9 241 | 30 05.8 03.1 224 |
| .9 ,, | 29 06.0 01.9 338 | 30 05.4 00.7 309 | 29 06.0 01.5 350 | 30 08.2 06.2 245 | 28 05.6 04.1 231 | 30 05.8 03.6 229 |
| 1.5 ,, | 29 06.2 02.4 004 | 30 05.7 01.7 357 | 27 06.0 01.8 009 | 30 07.0 04.5 238 | 27 05.7 04.1 226 | 30 06.0 03.7 243 |
| 2.1 ,, | 26 06.0 03.5 005 | 25 07.1 04.2 190 | 23 05.7 02.9 357 | 30 05.2 01.0 191 | 24 05.3 03.0 187 | 30 05.1 03.3 259 |
| 3.0 ,, | 23 05.1 02.8 007 | 24 06.4 04.0 344 | 20 05.1 02.5 343 | 30 06.2 01.8 058 | 19 05.4 01.2 164 | 30 04.6 01.6 312 |
| 3.6 ,, | 20 04.7 01.4 348 | 24 06.1 03.0 328 | 01 01.0 01.0 162 | 30 06.8 03.1 042 | 19 05.6 02.0 042 | 30 05.1 01.5 345 |
| 4.5 ,, | 19 04.3 01.5 291 | 22 05.6 02.6 322 | | 30 07.3 04.3 027 | 15 06.2 04.1 008 | 30 06.3 03.0 013 |
| 5.4 ,, | 16 05.9 03.4 263 | 19 06.1 02.8 294 | | 29 06.0 03.0 360 | 14 06.2 02.6 030 | 30 06.3 03.7 313 |
| 6.0 ,, | 16 05.9 03.9 261 | 14 06.1 02.6 297 | | 29 06.1 02.9 297 | 13 08.6 04.7 295 | 30 06.6 04.0 302 |
| 7.2 ,, | 14 05.3 02.5 262 | 11 05.9 04.5 285 | | 28 07.4 04.7 273 | 07 10.1 10.1 297 | 30 08.1 06.2 287 |
| 9.0 ,, | 13 05.7 01.9 260 | 07 04.6 02.4 277 | | 27 10.0 08.1 268 | | 30 10.2 08.6 290 |

| STATION | JODHPUR | LUCKNOW/AMAUSI | | | | MADRAS/MINAMBAKKAM |
|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | 0530* | 1130 | 1730* | 2330 | 0530* |
| HT IN KM. | N S V D | N S V D | N S V D | N S V D | N S V D | N S V D |
| SURFACE | 30 01.3 00.7 218 | 30 00.2 00.0 096 | 30 03.4 01.4 311 | 29 01.4 00.6 280 | 30 01.3 00.3 062 | 30 03.9 02.6 254 |
| .15 A.G.L. | 30 08.3 06.2 236 | 30 05.8 02.1 295 | 30 04.4 01.5 308 | 29 04.9 02.6 302 | 30 06.7 01.8 335 | 30 05.2 03.7 249 |
| .3A.M.S.L. | 30 05.7 04.3 214 | 30 05.8 02.2 295 | 30 04.5 01.4 302 | 29 04.9 02.6 302 | 30 06.8 01.9 330 | 30 05.4 04.0 247 |
| .6 ,, | 30 08.8 06.5 219 | 30 06.4 02.9 300 | 29 04.7 01.6 285 | 29 05.2 02.9 300 | 30 07.6 02.8 335 | 30 06.5 04.8 256 |
| .9 ,, | 30 09.1 05.8 223 | 30 06.8 03.5 300 | 29 05.1 02.1 285 | 29 05.6 02.3 295 | 30 07.2 02.3 308 | 30 06.8 04.8 269 |
| 1.5 ,, | 29 05.8 02.3 253 | 30 06.7 03.4 302 | 26 05.4 02.7 290 | 29 05.8 03.1 294 | 30 07.6 03.3 290 | 30 07.0 04.9 298 |
| 2.1 ,, | 27 03.9 01.3 244 | 30 09.3 03.3 314 | 23 06.3 03.6 297 | 29 06.8 04.2 300 | 26 07.0 05.0 299 | 30 07.1 03.9 310 |
| 3.0 ,, | 25 04.7 01.8 032 | 30 07.7 03.7 311 | 20 06.0 05.4 295 | 29 08.0 04.5 299 | 24 06.6 04.5 300 | 30 07.4 03.5 302 |
| 3.6 ,, | 19 05.2 02.7 334 | 30 06.6 03.0 291 | 18 05.9 05.1 275 | 29 07.3 03.4 292 | 09 04.8 04.1 275 | 30 07.3 03.2 293 |
| 4.5 ,, | 12 05.5 03.7 009 | 30 06.3 02.7 250 | 19 05.7 04.5 267 | 29 05.6 01.7 272 | 04 04.7 02.9 271 | 30 08.3 02.4 295 |
| 5.4 ,, | 03 04.0 01.3 269 | 29 07.1 03.4 236 | 17 06.2 05.3 263 | 29 06.3 02.6 250 | | 30 07.4 00.7 235 |
| 6.0 ,, | | 29 07.7 03.8 228 | 17 07.9 06.8 252 | 29 08.0 05.7 260 | | 30 07.2 00.7 148 |
| 7.2 ,, | | 29 08.4 05.7 235 | 14 12.9 11.8 253 | 29 09.9 06.9 255 | | 29 07.0 03.8 101 |
| 9.0 ,, | | 28 11.3 08.2 245 | 10 19.8 17.9 247 | 29 12.0 10.2 251 | | 29 07.9 06.0 097 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.9 | 01.6 | 285 | 30 | 04.2 | 01.1 | 139 | 30 | 03.1 | 01.8 | 179 | 30 | 01.3 | 00.5 | 111 | 30 | 03.4 | 02.5 | 290 | 30 | 01.1 | 00.6 | 118 |
| .15 A.G.L. | 29 | 04.5 | 01.7 | 259 | 30 | 05.6 | 01.8 | 123 | 29 | 07.1 | 04.2 | 188 | 26 | 05.0 | 00.5 | 028 | 25 | 06.3 | 05.4 | 291 | 27 | 04.8 | 02.0 | 319 |
| .3A.M.S.L. | 29 | 04.7 | 02.5 | 274 | 30 | 05.3 | 01.5 | 128 | 29 | 07.5 | 04.1 | 194 | 26 | 05.4 | 00.7 | 354 | 25 | 06.5 | 05.5 | 287 | 27 | 05.3 | 02.4 | 311 |
| .6 ,, | 29 | 05.7 | 03.2 | 279 | 30 | 05.0 | 01.0 | 252 | 29 | 06.4 | 02.6 | 214 | 26 | 06.2 | 02.6 | 298 | 25 | 07.0 | 06.2 | 294 | 27 | 06.7 | 04.6 | 307 |
| .9 ,, | 28 | 06.4 | 03.8 | 285 | 30 | 04.8 | 02.2 | 282 | 28 | 05.5 | 02.5 | 253 | 24 | 05.6 | 02.6 | 291 | 22 | 06.4 | 05.8 | 295 | 27 | 07.0 | 05.4 | 302 |
| 1.5 ,, | 25 | 07.6 | 05.5 | 292 | 30 | 06.2 | 04.0 | 300 | 28 | 05.9 | 04.2 | 295 | 19 | 05.7 | 01.2 | 288 | 19 | 04.8 | 03.9 | 302 | 24 | 05.4 | 03.5 | 294 |
| 2.1 ,, | 24 | 08.2 | 06.1 | 289 | 30 | 07.4 | 04.7 | 300 | 27 | 07.9 | 05.6 | 305 | 18 | 05.3 | 00.4 | 233 | 15 | 03.6 | 01.6 | 298 | 22 | 05.0 | 02.0 | 290 |
| 3.0 ,, | 19 | 09.5 | 07.5 | 279 | 30 | 08.3 | 03.9 | 305 | 22 | 06.5 | 03.2 | 321 | 14 | 06.1 | 00.7 | 300 | 13 | 04.3 | 01.6 | 305 | 18 | 05.7 | 00.2 | 330 |
| 3.6 ,, | 17 | 09.2 | 06.8 | 276 | 30 | 08.1 | 03.5 | 290 | 15 | 05.9 | 03.2 | 347 | 11 | 05.6 | 00.9 | 234 | 10 | 05.6 | 01.9 | 299 | 10 | 05.5 | 01.6 | 350 |
| 4.5 ,, | 14 | 08.2 | 06.3 | 267 | 30 | 07.2 | 02.9 | 290 | 09 | 06.0 | 04.9 | 054 | 11 | 04.1 | 00.6 | 098 | 04 | 05.3 | 03.1 | 322 | 07 | 05.7 | 02.3 | 277 |
| 5.4 ,, | 12 | 05.3 | 02.8 | 276 | 30 | 06.7 | 01.1 | 300 | 03 | 07.3 | 07.2 | 072 | 08 | 04.7 | 01.1 | 082 | 03 | 06.0 | 03.9 | 030 | 04 | 05.0 | 03.0 | 112 |
| 6.0 ,, | 08 | 04.3 | 01.1 | 318 | 30 | 06.2 | 00.5 | 042 | 02 | 06.5 | 06.5 | 074 | 06 | 05.7 | 02.7 | 049 | 03 | 05.7 | 03.6 | 034 | 03 | 04.7 | 01.0 | 108 |
| 7.2 ,, | 04 | 05.5 | 04.8 | 122 | 30 | 05.9 | 01.8 | 100 | 01 | 05.0 | 05.0 | 075 | 03 | 06.0 | 04.7 | 094 | 03 | 05.7 | 02.8 | 019 | | | | |
| 9.0 ,, | 02 | 08.0 | 06.0 | 109 | 30 | 08.5 | 05.7 | 093 | | | | | 02 | 07.5 | 07.5 | 089 | 03 | 08.0 | 04.7 | 051 | | | | |

| STATION | MINICOY | | | | | | | | | | | | NAGPUR/SONEGAON | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.4 | 03.1 | 282 | 30 | 03.6 | 03.1 | 281 | 30 | 04.4 | 04.1 | 284 | 30 | 03.5 | 03.1 | 288 | 30 | 01.8 | 01.2 | 308 | 30 | 02.7 | 01.4 | 308 |
| .15 A.G.L. | 29 | 05.6 | 04.6 | 284 | 28 | 05.5 | 04.6 | 285 | 30 | 06.9 | 06.3 | 281 | 29 | 05.9 | 05.0 | 289 | 30 | 05.7 | 03.9 | 333 | 29 | 04.0 | 02.5 | 300 |
| .3A.M.S.L. | 29 | 06.1 | 05.1 | 285 | 28 | 05.9 | 05.0 | 287 | 30 | 07.0 | 06.3 | 282 | 29 | 06.0 | 05.2 | 288 | | | | | | | | |
| .6 ,, | 29 | 06.6 | 05.7 | 285 | 27 | 06.9 | 05.9 | 288 | 30 | 07.0 | 06.3 | 287 | 29 | 06.7 | 05.9 | 290 | 30 | 05.5 | 03.2 | 340 | 29 | 03.8 | 02.2 | 345 |
| .9 ,, | 27 | 06.8 | 06.0 | 284 | 26 | 07.1 | 06.3 | 289 | 30 | 07.8 | 07.1 | 286 | 29 | 06.9 | 06.2 | 292 | 30 | 05.3 | 03.0 | 348 | 29 | 04.2 | 02.3 | 355 |
| 1.5 ,, | 24 | 06.1 | 05.6 | 290 | 22 | 06.6 | 06.1 | 289 | 30 | 08.0 | 07.5 | 284 | 28 | 05.7 | 05.3 | 293 | 30 | 05.0 | 02.3 | 015 | 29 | 04.7 | 01.8 | 012 |
| 2.1 ,, | 23 | 05.7 | 05.0 | 291 | 22 | 05.8 | 05.2 | 288 | 30 | 07.2 | 06.8 | 277 | 26 | 04.9 | 04.6 | 294 | 29 | 04.9 | 02.2 | 020 | 21 | 04.4 | 02.2 | 047 |
| 3.0 ,, | 20 | 05.5 | 04.9 | 286 | 19 | 05.6 | 05.1 | 283 | 30 | 07.2 | 06.6 | 269 | 19 | 04.5 | 03.7 | 293 | 29 | 05.8 | 01.4 | 019 | 15 | 06.2 | 01.3 | 020 |
| 3.6 ,, | 19 | 05.7 | 04.6 | 275 | 17 | 05.5 | 04.2 | 270 | 30 | 06.8 | 05.3 | 270 | 10 | 04.1 | 01.7 | 304 | 29 | 06.1 | 00.6 | 012 | 12 | 06.0 | 01.6 | 245 |
| 4.5 ,, | 16 | 05.3 | 03.2 | 269 | 14 | 05.0 | 01.6 | 262 | 30 | 06.7 | 04.4 | 274 | 05 | 04.0 | 02.0 | 004 | 29 | 06.5 | 00.8 | 227 | 08 | 06.7 | 05.2 | 269 |
| 5.4 ,, | 13 | 06.0 | 01.5 | 259 | 12 | 04.8 | 00.4 | 327 | 30 | 05.7 | 02.1 | 275 | | | | | 25 | 05.8 | 00.5 | 280 | 09 | 06.0 | 04.0 | 266 |
| 6.0 ,, | 11 | 05.6 | 02.0 | 051 | 09 | 05.8 | 00.6 | 109 | 30 | 05.6 | 00.2 | 012 | | | | | 25 | 05.2 | 00.3 | 157 | 08 | 04.6 | 02.2 | 255 |
| 7.2 ,, | 10 | 06.6 | 04.6 | 087 | 06 | 06.7 | 02.5 | 097 | 30 | 06.6 | 03.0 | 108 | | | | | 23 | 06.1 | 01.1 | 155 | 07 | 04.6 | 02.2 | 258 |
| 9.0 ,, | 08 | 09.6 | 09.2 | 100 | 05 | 07.0 | 06.7 | 098 | 29 | 09.5 | 07.7 | 100 | | | | | 22 | 06.1 | 02.2 | 120 | 06 | 05.0 | 02.9 | 232 |

| STATION | NAGPUR/SONEGAON | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D. | N | S | V | D |
| SURFACE | 30 | 02.2 | 01.2 | 354 | 30 | 01.4 | 00.9 | 296 | 30 | 02.6 | 01.0 | 274 | 30 | 02.2 | 01.4 | 250 | 30 | 02.7 | 01.0 | 293 | 30 | 01.3 | 00.2 | 268 |
| .15 A.G.L. | 30 | 05.3 | 03.1 | 345 | 28 | 05.2 | 01.3 | 322 | 30 | 07.0 | 02.5 | 293 | 30 | 04.8 | 02.2 | 266 | 30 | 05.6 | 02.3 | 339 | 30 | 06.0 | 01.6 | 325 |
| .3A.M.S.L. | | | | | | | | | 30 | 04.5 | 01.6 | 270 | 30 | 04.4 | 02.4 | 255 | 30 | 03.7 | 01.3 | 330 | 30 | 05.3 | 01.5 | 325 |
| .6 ,, | 30 | 05.1 | 03.1 | 353 | 28 | 05.9 | 01.5 | 333 | 30 | 06.8 | 02.6 | 287 | 30 | 06.7 | 02.2 | 273 | 30 | 05.9 | 02.1 | 335 | 29 | 06.3 | 01.9 | 345 |
| .9 ,, | 30 | 04.9 | 02.7 | 003 | 28 | 05.9 | 01.3 | 339 | 30 | 07.1 | 03.0 | 289 | 30 | 07.7 | 03.1 | 282 | 30 | 05.9 | 02.2 | 316 | 28 | 06.1 | 02.6 | 321 |
| 1.5 ,, | 30 | 05.2 | 02.7 | 353 | 28 | 05.4 | 01.6 | 337 | 30 | 07.4 | 03.8 | 305 | 30 | 08.1 | 02.6 | 304 | 30 | 06.7 | 03.4 | 294 | 27 | 06.7 | 04.2 | 308 |
| 2.1 ,, | 30 | 05.4 | 02.5 | 344 | 26 | 05.4 | 03.1 | 003 | 30 | 08.2 | 04.3 | 323 | 27 | 07.0 | 04.1 | 322 | 30 | 07.2 | 03.9 | 293 | 27 | 06.7 | 04.7 | 321 |
| 3.0 ,, | 30 | 06.6 | 02.7 | 336 | 21 | 05.8 | 02.0 | 025 | 30 | 07.6 | 03.8 | 328 | 24 | 05.8 | 03.7 | 317 | 30 | 08.1 | 04.7 | 303 | 24 | 07.2 | 06.2 | 317 |
| 3.6 ,, | 29 | 05.7 | 01.8 | 311 | 10 | 05.3 | 00.9 | 213 | 30 | 07.0 | 02.9 | 321 | 21 | 05.8 | 02.9 | 325 | 30 | 07.1 | 04.1 | 307 | 10 | 06.2 | 04.3 | 315 |
| 4.5 ,, | 28 | 06.4 | 03.1 | 290 | 01 | 07.0 | 07.0 | 280 | 30 | 06.4 | 02.0 | 310 | 18 | 05.4 | 03.2 | 297 | 30 | 07.3 | 03.2 | 290 | | | | |
| 5.4 ,, | 24 | 06.2 | 01.2 | 278 | | | | | 30 | 06.4 | 02.3 | 235 | 18 | 06.8 | 04.7 | 269 | 30 | 06.6 | 02.4 | 282 | | | | |
| 6.0 ,, | 24 | 05.5 | 01.3 | 274 | | | | | 30 | 06.7 | 03.2 | 246 | 18 | 07.3 | 05.8 | 274 | 30 | 07.6 | 03.6 | 258 | | | | |
| 7.2 ,, | 25 | 06.8 | 01.4 | 257 | | | | | 30 | 09.0 | 05.8 | 240 | 13 | 09.9 | 09.1 | 276 | 30 | 10.0 | 07.2 | 259 | | | | |
| 9.0 ,, | 25 | 06.7 | 01.0 | 196 | | | | | 30 | 13.4 | 11.3 | 255 | 09 | 11.9 | 11.3 | 271 | 30 | 12.6 | 10.4 | 259 | | | | |

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.4 | 00.3 | 280 | 30 | 02.0 | 01.3 | 277 | 30 | 00.4 | 00.4 | 263 | 30 | 05.6 | 04.3 | 214 | 30 | 05.9 | 03.9 | 227 | 30 | 06.0 | 04.6 | 218 |
| .15 A.G.L. | 29 | 04.3 | 02.4 | 258 | 29 | 06.0 | 03.8 | 272 | 27 | 04.6 | 03.8 | 263 | 30 | 08.1 | 06.0 | 218 | 27 | 11.9 | 05.4 | 228 | 30 | 08.7 | 06.7 | 226 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 08.2 | 06.0 | 222 | 27 | 08.6 | 05.4 | 227 | 30 | 08.9 | 06.9 | 225 |
| .6 ,, | 29 | 02.1 | 01.4 | 251 | 29 | 03.9 | 02.5 | 283 | 27 | 02.3 | 02.3 | 257 | 30 | 09.7 | 07.2 | 224 | 25 | 09.7 | 05.2 | 234 | 30 | 09.6 | 07.0 | 230 |
| .9 ,, | 29 | 05.7 | 02.4 | 264 | 29 | 06.4 | 03.5 | 274 | 27 | 05.9 | 04.1 | 273 | 30 | 10.7 | 07.6 | 228 | 19 | 09.6 | 06.2 | 242 | 30 | 10.7 | 07.8 | 239 |
| 1.5 ,, | 25 | 08.8 | 02.7 | 278 | 26 | 07.0 | 02.3 | 279 | 25 | 07.6 | 02.8 | 290 | 30 | 10.8 | 07.6 | 240 | 15 | 10.0 | 05.8 | 251 | 28 | 10.8 | 07.0 | 242 |
| 2.1 ,, | 18 | 07.4 | 01.3 | 040 | 21 | 06.1 | 00.9 | 306 | 21 | 08.8 | 00.6 | 293 | 29 | 09.8 | 07.3 | 240 | 11 | 10.4 | 06.2 | 255 | 26 | 10.0 | 06.6 | 248 |
| 3.0 ,, | 13 | 06.5 | 02.7 | 094 | 12 | 05.3 | 01.1 | 017 | 14 | 05.8 | 00.7 | 126 | 29 | 08.8 | 05.8 | 249 | 04 | 06.3 | 02.4 | 239 | 26 | 08.8 | 05.5 | 242 |
| 3.6 ,, | 09 | 05.3 | 01.6 | 183 | 08 | 03.7 | 01.5 | 293 | 06 | 06.7 | 02.9 | 207 | 29 | 08.2 | 05.1 | 248 | 02 | 04.5 | 00.9 | 146 | 26 | 07.2 | 03.7 | 245 |
| 4.5 ,, | 02 | 07.5 | 07.3 | 274 | 07 | 05.1 | 04.3 | 241 | | | | | 29 | 07.0 | 04.0 | 236 | | | | | 27 | 07.5 | 03.7 | 244 |
| 5.4 ,, | 02 | 08.0 | 05.6 | 247 | 07 | 04.3 | 03.4 | 205 | | | | | 30 | 07.0 | 02.7 | 237 | | | | | 26 | 07.8 | 02.8 | 221 |
| 6.0 ,, | 01 | 05.0 | 05.0 | 325 | 07 | 03.4 | 02.0 | 189 | | | | | 30 | 06.9 | 01.9 | 220 | | | | | 26 | 06.2 | 01.6 | 159 |
| 7.2 ,, | | | | | 05 | 04.4 | 03.5 | 126 | | | | | 30 | 05.9 | 02.4 | 107 | | | | | 25 | 06.8 | 03.0 | 116 |
| 9.0 ,, | | | | | 04 | 04.5 | 04.1 | 080 | | | | | 30 | 08.5 | 06.5 | 078 | | | | | 25 | 08.5 | 06.4 | 079 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.0 | 02.7 | 227 | 30 | 01.5 | 00.5 | 285 | 30 | 01.7 | 00.3 | 001 | 30 | 01.7 | 00.5 | 234 | 30 | 02.1 | 01.2 | 100 | 30 | 01.6 | 00.3 | 329 |
| .15 A.G.L. | 29 | 07.1 | 05.3 | 227 | 29 | 05.2 | 02.2 | 301 | 30 | 04.6 | 00.3 | 358 | 30 | 05.7 | 01.3 | 256 | 28 | 04.4 | 03.2 | 107 | 30 | 03.1 | 00.7 | 336 |
| .3A.M.S.L. | 29 | 07.7 | 05.8 | 226 | | | | | | | | | | | | | 28 | 04.5 | 03.1 | 114 | 30 | 03.5 | 00.7 | 334 |
| .6 ,, | 28 | 08.8 | 06.5 | 229 | 29 | 05.8 | 02.3 | 264 | 30 | 05.2 | 00.7 | 343 | 30 | 06.2 | 00.9 | 284 | 28 | 04.8 | 02.1 | 146 | 30 | 04.6 | 01.4 | 275 |
| .9 ,, | 23 | 08.5 | 06.7 | 239 | 29 | 06.1 | 02.6 | 331 | 30 | 05.1 | 01.1 | 357 | 30 | 06.2 | 00.8 | 335 | 28 | 05.2 | 01.3 | 165 | 30 | 05.6 | 02.1 | 272 |
| 1.5 ,, | 16 | 07.1 | 04.2 | 247 | 27 | 05.6 | 02.6 | 351 | 29 | 06.3 | 02.1 | 004 | 29 | 06.0 | 01.9 | 355 | 25 | 06.4 | 02.2 | 284 | 30 | 06.9 | 02.7 | 266 |
| 2.1 ,, | 09 | 04.9 | 03.5 | 258 | 27 | 05.7 | 02.3 | 007 | 26 | 06.4 | 03.2 | 357 | 27 | 06.2 | 02.6 | 009 | 25 | 05.8 | 01.7 | 277 | 27 | 05.5 | 02.0 | 282 |
| 3.0 ,, | 08 | 03.9 | 02.6 | 241 | 25 | 04.6 | 02.1 | 012 | 24 | 06.2 | 02.5 | 340 | 22 | 05.6 | 02.1 | 020 | 19 | 04.3 | 01.5 | 280 | 23 | 04.2 | 02.1 | 276 |
| 3.6 ,, | 05 | 04.0 | 02.4 | 238 | 24 | 04.4 | 01.4 | 357 | 22 | 06.0 | 01.8 | 329 | 18 | 05.5 | 01.1 | 358 | 18 | 03.6 | 01.6 | 292 | 22 | 03.9 | 02.1 | 261 |
| 4.5 ,, | 04 | 02.5 | 01.8 | 264 | 21 | 05.2 | 01.4 | 279 | 19 | 06.3 | 02.4 | 269 | 13 | 05.6 | 02.0 | 271 | 17 | 04.6 | 02.2 | 254 | 20 | 03.6 | 02.3 | 244 |
| 5.4 ,, | 03 | 03.0 | 02.1 | 075 | 16 | 06.3 | 03.6 | 290 | 17 | 06.2 | 04.0 | 265 | 03 | 06.0 | 05.5 | 244 | 14 | 06.2 | 04.1 | 233 | 19 | 04.8 | 04.3 | 277 |
| 6.0 ,, | 02 | 02.0 | 01.1 | 130 | 14 | 06.1 | 03.4 | 282 | 17 | 06.0 | 03.0 | 274 | 02 | 06.0 | 05.1 | 272 | 11 | 07.4 | 06.2 | 248 | 18 | 06.4 | 05.7 | 272 |
| 7.2 ,, | | | | | 13 | 06.2 | 04.4 | 273 | 14 | 05.3 | 02.2 | 279 | | | | | 10 | 10.6 | 09.8 | 243 | 11 | 08.9 | 07.3 | 258 |
| 9.0 ,, | | | | | 11 | 06.1 | 04.5 | 242 | 12 | 07.7 | 03.7 | 268 | | | | | 08 | 11.7 | 10.9 | 254 | 09 | 15.3 | 12.3 | 250 |

| STATION | SRINAGAR | | | | | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.3 | 00.1 | 163 | 28 | 00.5 | 00.2 | 330 | 30 | 03.6 | 03.2 | 280 | 30 | 02.7 | 01.3 | 241 | 30 | 03.0 | 02.0 | 253 | 30 | 03.0 | 02.6 | 329 |
| .15 A.G.L. | 28 | 01.9 | 01.3 | 137 | 28 | 02.1 | 00.7 | 282 | 29 | 07.7 | 07.5 | 277 | 30 | 03.8 | 02.0 | 227 | 27 | 05.3 | 03.8 | 238 | 30 | 06.8 | 06.4 | 324 |
| .3A.M.S.L. | | | | | | | | | 29 | 08.0 | 07.8 | 277 | 30 | 04.0 | 02.0 | 233 | 27 | 05.4 | 04.0 | 241 | 30 | 06.9 | 06.3 | 318 |
| .6 ,, | | | | | | | | | 29 | 08.9 | 08.5 | 278 | 30 | 04.0 | 02.1 | 255 | 27 | 06.3 | 04.7 | 252 | 30 | 07.3 | 06.7 | 306 |
| .9 ,, | | | | | | | | | 29 | 09.0 | 08.5 | 276 | 30 | 04.3 | 02.7 | 273 | 26 | 06.6 | 05.1 | 263 | 30 | 07.7 | 07.1 | 297 |
| 1.5 ,, | | | | | | | | | 29 | 07.3 | 06.4 | 272 | 30 | 05.2 | 04.1 | 284 | 25 | 06.2 | 05.1 | 273 | 30 | 08.2 | 07.1 | 288 |
| 2.1 ,, | 28 | 01.5 | 00.7 | 122 | 28 | 02.3 | 01.0 | 320 | 29 | 07.2 | 05.4 | 281 | 28 | 06.4 | 05.2 | 287 | 24 | 06.0 | 04.8 | 284 | 30 | 06.7 | 05.3 | 283 |
| 3.0 ,, | 28 | 01.2 | 00.3 | 150 | 28 | 02.3 | 01.0 | 352 | 27 | 06.3 | 04.2 | 291 | 25 | 05.6 | 03.8 | 298 | 19 | 06.5 | 04.7 | 284 | 30 | 06.8 | 04.5 | 275 |
| 3.6 ,, | 28 | 02.8 | 01.1 | 151 | 28 | 02.8 | 00.7 | 294 | 26 | 06.6 | 04.1 | 285 | 22 | 05.7 | 03.3 | 287 | 13 | 06.8 | 03.8 | 275 | 30 | 05.6 | 03.7 | 269 |
| 4.5 ,, | 28 | 04.2 | 01.7 | 201 | 28 | 03.5 | 00.5 | 278 | 23 | 06.9 | 02.7 | 293 | 16 | 04.3 | 00.2 | 065 | 07 | 05.0 | 00.4 | 072 | 30 | 06.2 | 03.3 | 266 |
| 5.4 ,, | 28 | 05.9 | 02.7 | 202 | 28 | 05.2 | 00.8 | 300 | 20 | 05.7 | 00.4 | 030 | 13 | 03.7 | 01.3 | 078 | 03 | 04.0 | 02.5 | 076 | 30 | 05.9 | 01.6 | 266 |
| 6.0 ,, | 28 | 06.7 | 03.8 | 233 | 27 | 06.1 | 02.5 | 266 | 19 | 05.9 | 02.0 | 100 | 12 | 05.3 | 02.9 | 085 | | | | | 30 | 05.7 | 00.5 | 088 |
| 7.2 ,, | 28 | 11.2 | 07.6 | 245 | 27 | 09.0 | 05.6 | 266 | 13 | 06.7 | 05.2 | 098 | 08 | 06.1 | 04.5 | 100 | | | | | 30 | 05.7 | 02.0 | 084 |
| 9.0 ,, | 27 | 15.0 | 10.7 | 263 | 27 | 14.9 | 11.8 | 270 | 10 | 08.8 | 08.6 | 086 | 07 | 10.6 | 10.1 | 092 | | | | | 30 | 08.4 | 07.2 | 093 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.3 | 02.7 | 308 | 30 | 05.3 | 04.8 | 296 | 30 | 02.1 | 01.7 | 322 | 30 | 00.3 | 00.2 | 223 | 30 | 00.6 | 00.4 | 235 | 30 | 00.2 | 00.1 | 346 |
| .15 A.G.L. | 28 | 05.4 | 04.7 | 302 | 29 | 07.5 | 07.2 | 290 | 28 | 05.8 | 05.3 | 316 | 28 | 02.8 | 01.9 | 273 | 30 | 03.6 | 02.3 | 225 | 29 | 03.1 | 01.6 | 270 |
| .3A.M.S.L. | 28 | 05.8 | 05.1 | 304 | 29 | 07.8 | 07.4 | 290 | 28 | 06.3 | 05.8 | 316 | | | | | | | | | | | | |
| .6 ,, | 28 | 07.1 | 06.5 | 307 | 29 | 08.4 | 07.8 | 294 | 28 | 08.3 | 07.7 | 309 | | | | | | | | | | | | |
| .9 ,, | 27 | 07.5 | 07.0 | 308 | 29 | 08.7 | 08.0 | 297 | 27 | 08.3 | 07.8 | 308 | 28 | 03.9 | 02.7 | 273 | 30 | 03.9 | 02.1 | 260 | 29 | 04.2 | 02.2 | 274 |
| 1.5 ,, | 17 | 07.6 | 06.9 | 308 | 29 | 07.8 | 06.4 | 293 | 21 | 07.7 | 07.2 | 303 | 28 | 03.8 | 01.0 | 263 | 30 | 04.2 | 02.3 | 270 | 29 | 04.6 | 02.1 | 290 |
| 2.1 ,, | 10 | 05.5 | 03.7 | 320 | 29 | 07.6 | 06.1 | 294 | 16 | 06.8 | 05.6 | 304 | 27 | 03.7 | 00.7 | 077 | 27 | 03.7 | 01.3 | 310 | 29 | 03.4 | 00.8 | 013 |
| 3.0 ,, | 02 | 04.0 | 03.9 | 089 | 29 | 07.0 | 04.8 | 277 | 10 | 05.8 | 04.3 | 311 | 27 | 04.1 | 01.6 | 040 | 27 | 04.0 | 00.9 | 075 | 28 | 04.1 | 01.6 | 037 |
| 3.6 ,, | 02 | 03.5 | 03.2 | 100 | 29 | 06.7 | 04.7 | 277 | 04 | 03.0 | 01.6 | 045 | 27 | 04.9 | 01.4 | 033 | 27 | 04.8 | 01.6 | 080 | 26 | 04.2 | 01.8 | 025 |
| 4.5 ,, | 02 | 01.5 | 00.9 | 065 | 29 | 05.6 | 03.0 | 270 | 02 | 03.5 | 03.1 | 025 | 25 | 05.6 | 01.8 | 339 | 24 | 06.3 | 02.8 | 350 | 15 | 05.1 | 01.4 | 341 |
| 5.4 ,, | 01 | 03.0 | 03.0 | 125 | 29 | 05.7 | 01.4 | 256 | | | | | 24 | 05.1 | 01.5 | 329 | 19 | 06.6 | 04.2 | 310 | 01 | 05.0 | 05.0 | 215 |
| 6.0 ,, | 01 | 05.0 | 05.0 | 090 | 29 | 06.0 | 00.3 | 209 | | | | | 24 | 06.0 | 02.9 | 294 | 19 | 06.7 | 04.6 | 300 | | | | |
| 7.2 ,, | | | | | 28 | 05.9 | 01.1 | 094 | | | | | 23 | 07.1 | 05.9 | 265 | 15 | 07.6 | 06.1 | 305 | | | | |
| 9.0 ,, | | | | | 28 | 08.9 | 07.7 | 099 | | | | | 17 | 09.4 | 07.6 | 278 | 11 | 10.3 | 09.5 | 265 | | | | |

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.6 | 00.4 | 332 | 30 | 01.9 | 01.4 | 278 | 30 | 00.6 | 00.3 | 347 | 30 | 03.9 | 02.9 | 294 | 30 | 05.8 | 05.3 | 267 | 30 | 04.5 | 03.7 | 275 |
| .15 A.G.L. | 28 | 03.7 | 01.9 | 352 | 26 | 05.0 | 04.0 | 291 | 30 | 04.6 | 02.3 | 327 | 28 | 05.9 | 03.7 | 292 | 30 | 06.6 | 06.2 | 266 | 30 | 07.0 | 05.7 | 284 |
| .3A.M.S.L. | 28 | 04.8 | 02.4 | 336 | 26 | 05.8 | 04.6 | 297 | 30 | 06.0 | 03.5 | 322 | 28 | 06.0 | 03.7 | 288 | 30 | 06.9 | 06.3 | 264 | 30 | 07.3 | 05.9 | 283 |
| .6 ,, | 28 | 05.7 | 02.9 | 323 | 25 | 06.1 | 04.5 | 301 | 30 | 07.1 | 04.1 | 318 | 28 | 06.1 | 03.7 | 278 | 29 | 06.1 | 04.3 | 264 | 30 | 07.0 | 05.3 | 279 |
| .9 ,, | 24 | 07.0 | 03.0 | 343 | 22 | 05.5 | 03.8 | 304 | 26 | 06.5 | 03.8 | 313 | 28 | 06.3 | 03.3 | 270 | 29 | 05.7 | 03.6 | 268 | 29 | 06.2 | 03.8 | 273 |
| 1.5 ,, | 22 | 06.9 | 01.9 | 055 | 17 | 05.1 | 01.7 | 338 | 24 | 05.8 | 01.2 | 332 | 26 | 05.7 | 01.1 | 223 | 28 | 05.3 | 02.1 | 268 | 29 | 05.3 | 01.2 | 272 |
| 2.1 ,, | 15 | 06.5 | 02.8 | 078 | 09 | 04.1 | 01.6 | 048 | 16 | 05.3 | 01.2 | 062 | 23 | 05.5 | 01.1 | 159 | 27 | 05.1 | 01.3 | 338 | 27 | 05.2 | 01.1 | 086 |
| 3.0 ,, | 08 | 05.5 | 03.7 | 088 | 07 | 04.9 | 00.4 | 225 | 12 | 05.6 | 00.8 | 093 | 19 | 06.4 | 02.1 | 066 | 27 | 06.2 | 02.3 | 024 | 26 | 05.7 | 01.9 | 051 |
| 3.6 ,, | 05 | 03.0 | 01.6 | 169 | 07 | 05.3 | 00.3 | 360 | 06 | 05.7 | 01.3 | 196 | 06 | 04.8 | 01.9 | 058 | 27 | 05.4 | 02.4 | 022 | 15 | 06.1 | 02.8 | 047 |
| 4.5 ,, | | | | | 06 | 05.0 | 01.2 | 171 | | | | | | | | | 27 | 05.5 | 01.6 | 327 | 08 | 04.1 | 01.6 | 279 |
| 5.4 ,, | | | | | 05 | 03.6 | 01.8 | 186 | | | | | | | | | 27 | 06.1 | 02.9 | 307 | 02 | 02.0 | 01.5 | 295 |
| 6.0 ,, | | | | | 05 | 02.6 | 01.7 | 147 | | | | | | | | | 27 | 06.6 | 03.1 | 314 | 02 | 02.5 | 01.5 | 283 |
| 7.2 ,, | | | | | 04 | 05.5 | 03.1 | 109 | | | | | | | | | 20 | 06.7 | 08.3 | 338 | | | | |
| 9.0 ,, | | | | | 02 | 10.0 | 09.7 | 101 | | | | | | | | | 11 | 07.7 | 05.1 | 257 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STATION | VIJAYWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.3 | 01.5 | 266 | 30 | 02.9 | 00.8 | 296 | 30 | 01.9 | 00.7 | 225 | 30 | 04.1 | 02.7 | 312 | 30 | 02.6 | 00.9 | 199 | 30 | 03.3 | 01.2 | 319 |
| .15 A.G.L. | 28 | 05.5 | 03.1 | 260 | 27 | 04.4 | 01.0 | 313 | 29 | 05.3 | 01.3 | 236 | 30 | 07.2 | 04.9 | 315 | 29 | 05.1 | 01.7 | 213 | 30 | 04.7 | 01.9 | 310 |
| .3A.M.S.L. | 28 | 06.9 | 03.2 | 266 | 27 | 04.9 | 01.0 | 312 | 29 | 06.1 | 01.2 | 230 | 30 | 07.1 | 04.3 | 313 | 29 | 05.2 | 01.1 | 221 | 30 | 04.8 | 01.7 | 298 |
| .6 ,, | 28 | 07.6 | 02.8 | 272 | 27 | 05.5 | 01.6 | 317 | 29 | 06.7 | 01.2 | 290 | 30 | 06.6 | 02.4 | 288 | 28 | 04.9 | 01.2 | 304 | 30 | 05.1 | 01.6 | 278 |
| .9 ,, | 28 | 07.7 | 02.7 | 296 | 27 | 05.9 | 02.4 | 325 | 29 | 06.8 | 02.2 | 318 | 30 | 06.7 | 02.4 | 288 | 28 | 05.1 | 01.6 | 332 | 30 | 05.5 | 02.0 | 318 |
| 1.5 ,, | 27 | 07.2 | 02.9 | 332 | 26 | 07.0 | 03.4 | 331 | 29 | 07.6 | 03.0 | 328 | 30 | 07.3 | 02.6 | 322 | 26 | 06.0 | 03.7 | 013 | 30 | 06.8 | 02.9 | 339 |
| 2.1 ,, | 24 | 07.1 | 02.5 | 002 | 26 | 07.7 | 03.4 | 333 | 29 | 08.1 | 03.0 | 324 | 30 | 07.1 | 02.5 | 331 | 24 | 06.3 | 03.9 | 030 | 30 | 07.2 | 02.6 | 350 |
| 3.0 ,, | 22 | 07.0 | 02.8 | 348 | 24 | 08.1 | 03.1 | 346 | 28 | 07.4 | 02.8 | 331 | 30 | 06.4 | 01.9 | 342 | 24 | 06.4 | 03.7 | 029 | 30 | 07.0 | 01.7 | 314 |
| 3.6 ,, | 21 | 07.3 | 03.0 | 351 | 24 | 07.6 | 02.4 | 336 | 18 | 06.9 | 03.2 | 340 | 30 | 06.0 | 01.8 | 343 | 19 | 06.1 | 03.6 | 035 | 30 | 06.9 | 01.9 | 330 |
| 4.5 ,, | 19 | 06.9 | 03.1 | 340 | 23 | 07.2 | 02.0 | 306 | 13 | 06.8 | 02.1 | 330 | 30 | 05.8 | 01.3 | 345 | 16 | 06.3 | 02.4 | 045 | 30 | 07.2 | 02.6 | 328 |
| 5.4 ,, | 16 | 06.5 | 02.0 | 333 | 21 | 06.2 | 01.3 | 334 | 07 | 06.0 | 02.1 | 339 | 30 | 05.6 | 00.9 | 039 | 13 | 05.2 | 02.1 | 032 | 30 | 06.4 | 02.0 | 315 |
| 6.0 ,, | 16 | 06.0 | 01.9 | 036 | 21 | 05.9 | 01.5 | 017 | 06 | 06.0 | 00.7 | 317 | 30 | 05.7 | 01.5 | 027 | 13 | 05.1 | 02.0 | 045 | 30 | 05.9 | 01.2 | 317 |
| 7.2 ,, | 13 | 05.3 | 04.0 | 071 | 16 | 05.6 | 01.3 | 080 | 03 | 04.3 | 03.9 | 103 | 30 | 05.2 | 01.7 | 061 | 10 | 04.3 | 02.9 | 064 | 30 | 05.8 | 01.0 | 045 |
| 9.0 ,, | 09 | 05.2 | 04.9 | 077 | 11 | 06.2 | 04.8 | 105 | | | | | 30 | 05.4 | 03.5 | 083 | 08 | 05.0 | 03.4 | 080 | 29 | 05.7 | 03.4 | 064 |

| STATION | VISHAKHAPATNAM | | | | BEGAMPET | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 1130 | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.1 | 268 | 30 | 03.5 | 01.7 | 289 | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 28 | 04.9 | 02.1 | 261 | 26 | 04.8 | 01.9 | 062 | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 28 | 05.4 | 02.0 | 255 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 28 | 05.7 | 01.7 | 273 | 26 | 05.0 | 01.9 | 308 | | | | | | | | | | | | | | | | |
| .9 ,, | 28 | 05.7 | 01.1 | 316 | 26 | 04.4 | 01.8 | 296 | | | | | | | | | | | | | | | | |
| 1.5 ,, | 27 | 06.2 | 02.3 | 024 | 24 | 05.4 | 01.6 | 320 | | | | | | | | | | | | | | | | |
| 2.1 ,, | 22 | 06.5 | 03.4 | 025 | 19 | 06.2 | 02.1 | 355 | | | | | | | | | | | | | | | | |
| 3.0 ,, | 18 | 06.2 | 02.6 | 358 | 16 | 05.9 | 02.3 | 041 | | | | | | | | | | | | | | | | |
| 3.6 ,, | 09 | 04.6 | 03.0 | 360 | 07 | 05.1 | 02.0 | 113 | | | | | | | | | | | | | | | | |
| 4.5 ,, | 07 | 04.1 | 02.9 | 005 | 02 | 03.0 | 02.9 | 197 | | | | | | | | | | | | | | | | |
| 5.4 ,, | 01 | 03.0 | 03.0 | 310 | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | 01 | 03.0 | 03.0 | 265 | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | | | | | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

September, 1966 (Bhadra 10 - Asvina 8, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **AGARTALA** | | | |
| | 1730 hr. | | | |
| 10.5 | 5 | 7.6 | 6.6 | 263 |
| 12.0 | 5 | 9.6 | 9.2 | 252 |
| 14.1 | 2 | 12.5 | 12.5 | 267 |
| | **AHMADABAD** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 9.5 | 4.9 | 245 |
| 12.0 | 28 | 10.7 | 5.4 | 241 |
| 14.1 | 23 | 13.1 | 5.3 | 227 |
| 16.2 | 18 | 13.3 | 4.8 | 117 |
| 18.0 | 3 | 10.7 | 9.7 | 081 |
| 21.0 | 1 | 19.0 | 19.0 | 060 |
| | 1130 hr. | | | |
| 10.5 | 2 | 21.0 | 19.1 | 269 |
| 12.0 | 2 | 23.0 | 22.9 | 258 |
| | 1730 hr.* | | | |
| 10.5 | 29 | 10.0 | 4.6 | 245 |
| 12.0 | 27 | 11.4 | 6.0 | 240 |
| 14.1 | 21 | 13.1 | 4.3 | 168 |
| 16.2 | 14 | 12.1 | 7.1 | 112 |
| 18.0 | 8 | 15.1 | 12.9 | 102 |
| | **AMINI DEVI** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 16.0 | 15.9 | 097 |
| 12.0 | 2 | 21.5 | 21.4 | 105 |
| | **ANANTAPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 4 | 9.0 | 8.9 | 098 |
| 12.0 | 2 | 8.0 | 7.7 | 108 |
| | **ASANSOL** | | | |
| | 0530 hr. | | | |
| 10.5 | 9 | 8.6 | 6.0 | 249 |
| 12.0 | 8 | 8.0 | 5.1 | 251 |
| 14.1 | 5 | 6.8 | 4.6 | 204 |
| 16.2 | 5 | 7.8 | 4.5 | 145 |
| 18.0 | 4 | 8.5 | 7.5 | 116 |
| 21.0 | 2 | 14.0 | 13.9 | 090 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **ASANSOL (CONTD.)** | | | |
| | 1730 hr. | | | |
| 10.5 | 5 | 9.0 | 5.5 | 275 |
| 12.0 | 1 | 2.0 | 2.0 | 050 |
| | **BAHRAICH** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 8.0 | 8.0 | 275 |
| | 1130 hr. | | | |
| 10.5 | 1 | 28.0 | 28.0 | 230 |
| | 1730 hr. | | | |
| 10.5 | 1 | 21.0 | 21.0 | 225 |
| | **BANGALORE** | | | |
| | 0530 hr.@ | | | |
| 10.5 | 5 | 9.8 | 9.6 | 096 |
| 12.0 | 5 | 16.2 | 15.5 | 107 |
| 14.1 | 4 | 22.7 | 22.0 | 086 |
| 16.2 | 3 | 15.0 | 14.9 | 097 |
| 18.0 | 3 | 11.3 | 11.1 | 095 |
| 21.0 | 2 | 7.5 | 7.5 | 088 |
| | 1130 hr. | | | |
| 10.5 | 1 | 7.0 | 7.0 | 120 |
| | 1730 hr.@ | | | |
| 10.5 | 6 | 10.3 | 9.8 | 099 |
| 12.0 | 5 | 14.8 | 12.6 | 099 |
| 14.1 | 4 | 20.3 | 19.9 | 097 |
| 16.2 | 4 | 22.5 | 22.3 | 094 |
| 18.0 | 3 | 14.3 | 14.3 | 094 |
| 21.0 | 2 | 6.5 | 6.3 | 078 |
| | **BAREILLY** | | | |
| | 0530 hr. | | | |
| 10.5 | 15 | 13.3 | 12.4 | 248 |
| 12.0 | 10 | 9.2 | 8.2 | 253 |
| 14.1 | 4 | 3.7 | 1.1 | 270 |
| 16.2 | 2 | 11.5 | 11.5 | 058 |
| 18.0 | 1 | 11.0 | 11.0 | 076 |
| | 1730 hr. | | | |
| 10.5 | 11 | 13.3 | 12.1 | 253 |
| 12.0 | 7 | 9.3 | 8.1 | 258 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BAREILLY (CONTD.)** | | | |
| | 1730 hr. (Contd.) | | | |
| 14.1 | 6 | 6.3 | 4.1 | 279 |
| 16.2 | 5 | 7.0 | 2.9 | 052 |
| 18.0 | 5 | 13.8 | 2.9 | 067 |
| 21.0 | 1 | 16.0 | 16.0 | 060 |
| | **BEGAMPET** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 4.0 | 4.0 | 180 |
| 12.0 | 1 | 11.0 | 11.0 | 140 |
| | **BHOPAL/ BAIRAGARH** | | | |
| | 0530 hr. | | | |
| 10.5 | 21 | 11.6 | 8.0 | 249 |
| 12.0 | 19 | 13.5 | 9.6 | 252 |
| 14.1 | 18 | 13.5 | 6.1 | 247 |
| 16.2 | 18 | 10.3 | 3.6 | 198 |
| 18.0 | 15 | 9.8 | 1.7 | 117 |
| 21.0 | 12 | 13.2 | 11.4 | 093 |
| 24.0 | 10 | 17.8 | 17.3 | 089 |
| 27.0 | 8 | 27.0 | 26.0 | 078 |
| | 1730 hr. | | | |
| 10.5 | 10 | 12.7 | 8.6 | 247 |
| 12.0 | 7 | 12.1 | 8.1 | 228 |
| 14.1 | 6 | 11.5 | 2.2 | 160 |
| 16.2 | 5 | 10.2 | 10.2 | 099 |
| 18.0 | 1 | 15.0 | 15.0 | 040 |
| | **BHUBANESHWAR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 9.0 | 9.0 | 140 |
| | **BHUJ/ RUDRAMATA** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 14.0 | 13.7 | 251 |
| | **BOMBAY/ SANTACRUZ** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 8.0 | 3.6 | 113 |
| 12.0 | 29 | 10.4 | 6.8 | 118 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BOMBAY/ SANTACRUZ (CONTD.)** | | | |
| | 0530 hr.* (Contd.) | | | |
| 14.1 | 25 | 14.2 | 10.5 | 103 |
| 16.2 | 23 | 13.7 | 12.3 | 102 |
| 18.0 | 19 | 14.3 | 13.7 | 083 |
| 21.0 | 8 | 15.7 | 15.1 | 083 |
| 24.0 | 2 | 19.5 | 19.3 | 084 |
| | 1130 hr. | | | |
| 10.5 | 2 | 4.0 | 2.8 | 172 |
| | 1730 hr.* | | | |
| 10.5 | 25 | 8.0 | 4.6 | 108 |
| 12.0 | 25 | 10.3 | 7.2 | 107 |
| 14.1 | 19 | 16.4 | 13.8 | 097 |
| 16.2 | 15 | 15.5 | 14.9 | 091 |
| 18.0 | 14 | 16.2 | 15.9 | 090 |
| 21.0 | 5 | 11.4 | 11.2 | 080 |
| 24.0 | 2 | 9.0 | 8.9 | 082 |
| | **CALCUTTA/ DUM DUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 8.2 | 1.9 | 120 |
| 12.0 | 29 | 8.1 | 3.0 | 094 |
| 14.1 | 29 | 10.5 | 4.5 | 087 |
| 16.2 | 29 | 10.9 | 8.3 | 096 |
| 18.0 | 25 | 13.9 | 13.1 | 085 |
| 21.0 | 11 | 15.9 | 15.6 | 095 |
| 24.0 | 3 | 21.7 | 20.7 | 091 |
| | 1130 hr. | | | |
| 10.5 | 2 | 10.5 | 10.4 | 196 |
| 12.0 | 2 | 14.0 | 13.7 | 193 |
| 14.1 | 1 | 18.0 | 18.0 | 230 |
| 16.2 | 1 | 19.0 | 19.0 | 265 |
| 18.0 | 1 | 7.0 | 7.0 | 250 |
| | 1730 hr.* | | | |
| 10.5 | 29 | 7.3 | 1.3 | 140 |
| 12.0 | 29 | 7.6 | 2.6 | 113 |
| 14.1 | 29 | 8.9 | 4.0 | 092 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

September, 1966 (Bhadra 10 - Asvina 8, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **CALCUTTA/ DUM DUM (CONTD.)** | | | |
| | 1730 hr.* (Contd.) | | | |
| 16.2 | 27 | 11.8 | 8.6 | 084 |
| 18.0 | 19 | 14.2 | 13.6 | 091 |
| 21.0 | 13 | 13.8 | 13.3 | 088 |
| | **DEHRADUN** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 30.0 | 29.7 | 256 |
| 12.0 | 1 | 33.0 | 33.0 | 240 |
| 14.1 | 1 | 26.0 | 26.0 | 231 |
| | 1730 hr. | | | |
| 10.5 | 2 | 25.5 | 25.5 | 243 |
| 12.0 | 1 | 19.0 | 19.0 | 256 |
| | **DIBRUGARH/ MOHANBARI** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 8.5 | 6.8 | 272 |
| 12.0 | 1 | 5.0 | 5.0 | 124 |
| | **GADAG** | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 13.2 | 12.3 | 087 |
| 12.0 | 6 | 13.3 | 12.8 | 087 |
| 14.1 | 5 | 22.0 | 21.9 | 095 |
| 16.2 | 4 | 24.0 | 23.9 | 097 |
| 18.0 | 3 | 15.7 | 14.7 | 098 |
| | 1730 hr. | | | |
| 10.5 | 3 | 16.0 | 15.9 | 101 |
| 12.0 | 1 | 25.0 | 25.0 | 094 |
| | **GANGTOK** | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 13.7 | 11.0 | 234 |
| 12.0 | 4 | 19.0 | 13.7 | 237 |
| 14.1 | 1 | 5.0 | 5.0 | 093 |
| 16.2 | 1 | 12.0 | 12.0 | 045 |
| | **GAUHATI** | | | |
| | 0530 hr.* | | | |
| 10.5 | 26 | 8.5 | 4.8 | 260 |
| 12.0 | 25 | 7.7 | 3.2 | 275 |
| 14.1 | 22 | 10.7 | 3.9 | 275 |
| 16.2 | 17 | 8.3 | 2.7 | 120 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **GAUHATI (CONTD.)** | | | |
| | 0530 hr.* (Contd.) | | | |
| 18.0 | 9 | 10.4 | 10.0 | 065 |
| 21.0 | 4 | 13.7 | 13.5 | 097 |
| 24.0 | 2 | 14.5 | 14.5 | 095 |
| | 1130 hr. | | | |
| 10.5 | 2 | 11.5 | 2.1 | 232 |
| 12.0 | 2 | 11.5 | 2.1 | 230 |
| 14.1 | 2 | 10.0 | 1.7 | 060 |
| 16.2 | 1 | 5.0 | 5.0 | 345 |
| 18.0 | 1 | 5.0 | 5.0 | 125 |
| 21.0 | 1 | 7.0 | 7.0 | 085 |
| | 1730 hr.* | | | |
| 10.5 | 27 | 8.3 | 4.7 | 258 |
| 12.0 | 26 | 9.7 | 3.7 | 279 |
| 14.1 | 21 | 11.0 | 5.7 | 290 |
| 16.2 | 15 | 8.3 | 3.8 | 075 |
| 18.0 | 5 | 8.4 | 8.0 | 090 |
| 21.0 | 2 | 14.0 | 13.0 | 100 |
| | **GAYA** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 4.0 | 4.0 | 299 |
| 12.0 | 1 | 6.0 | 6.0 | 274 |
| 14.1 | 1 | 6.0 | 6.0 | 261 |
| | **GORAKHPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 23.0 | 23.0 | 260 |
| | 1730 hr. | | | |
| 10.5 | 2 | 16.5 | 15.4 | 240 |
| | **GWALIOR** | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 17.0 | 15.4 | 258 |
| 12.0 | 5 | 20.6 | 18.1 | 257 |
| 14.1 | 1 | 30.0 | 30.0 | 250 |
| | 1130 hr. | | | |
| 10.5 | 3 | 16.7 | 16.3 | 243 |
| | 1730 hr. | | | |
| 10.5 | 5 | 13.6 | 12.8 | 243 |
| 12.0 | 3 | 12.3 | 10.8 | 254 |
| 14.1 | 1 | 3.0 | 3.0 | 155 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JAGDALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 3.7 | 2.9 | 206 |
| 12.0 | 3 | 4.3 | 2.3 | 114 |
| 14.1 | 2 | 9.0 | 8.1 | 097 |
| | 1730 hr. | | | |
| 10.5 | 1 | 8.0 | 8.0 | 180 |
| | **JAIPUR/ SANGANER** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 2.0 | 2.0 | 284 |
| | **JAMSHEDPUR** | | | |
| | 0530 hr. | | | |
| 10.2 | 2 | 6.0 | 4.5 | 300 |
| 12.0 | 1 | 7.0 | 7.0 | 284 |
| 14.1 | 1 | 3.0 | 3.0 | 275 |
| | 1730 hr. | | | |
| 10.5 | 1 | 3.0 | 3.0 | 209 |
| | **JHARSUGUDA** | | | |
| | 0530 hr. | | | |
| 10.5 | 12 | 5.2 | 2.4 | 298 |
| 12.0 | 10 | 6.0 | 1.2 | 036 |
| 14.1 | 9 | 7.6 | 3.7 | 136 |
| 16.2 | 4 | 10.2 | 6.1 | 128 |
| 18.0 | 2 | 10.5 | 10.4 | 073 |
| | 1730 hr. | | | |
| 10.5 | 6 | 5.7 | 1.0 | 315 |
| 12.0 | 5 | 5.4 | 1.6 | 112 |
| 14.1 | 2 | 11.5 | 11.1 | 103 |
| 16.2 | 1 | 12.0 | 12.0 | 076 |
| | **JODHPUR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 27 | 11.6 | 9.8 | 265 |
| 12.0 | 26 | 12.2 | 10.1 | 250 |
| 14.1 | 18 | 9.0 | 7.0 | 243 |
| 16.2 | 10 | 6.3 | 1.5 | 327 |
| 18.0 | 6 | 8.3 | 7.0 | 059 |
| 21.0 | 2 | 13.0 | 12.9 | 107 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 11.5 | 9.5 | 265 |
| 12.0 | 30 | 11.6 | 9.0 | 261 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JODHPUR (CONTD.)** | | | |
| | 1730 hr.* (Contd.) | | | |
| 14.1 | 26 | 10.7 | 5.4 | 263 |
| 16.2 | 17 | 8.9 | 3.3 | 171 |
| 18.0 | 8 | 8.1 | 6.1 | 125 |
| 21.0 | 1 | 8.0 | 8.0 | 141 |
| | **LUCKNOW/ AMAUSI** | | | |
| | 0530 hr.* | | | |
| 10.5 | 28 | 11.8 | 8.8 | 255 |
| 12.0 | 28 | 13.0 | 9.9 | 248 |
| 14.1 | 24 | 11.4 | 8.9 | 256 |
| 16.2 | 15 | 6.9 | 1.1 | 030 |
| 18.0 | 8 | 8.5 | 5.2 | 192 |
| 21.0 | 1 | 17.0 | 17.0 | 090 |
| 24.0 | 1 | 9.0 | 9.0 | 140 |
| | 1130 hr. | | | |
| 10.5 | 9 | 23.6 | 22.5 | 250 |
| 12.0 | 9 | 22.7 | 21.7 | 249 |
| 14.1 | 8 | 21.4 | 20.1 | 243 |
| 16.2 | 2 | 34.5 | 34.5 | 252 |
| 18.0 | 1 | 26.0 | 26.0 | 264 |
| | 1730 hr.* | | | |
| 10.5 | 29 | 12.7 | 10.7 | 254 |
| 12.0 | 28 | 12.3 | 8.9 | 240 |
| 14.1 | 24 | 13.5 | 6.4 | 232 |
| 16.2 | 22 | 9.3 | 2.3 | 175 |
| 18.0 | 18 | 9.6 | 3.9 | 088 |
| 21.0 | 6 | 13.7 | 10.7 | 086 |
| | **MADRAS/ MINAMBAKKAM** | | | |
| | 0530 hr. | | | |
| 10.5 | 29 | 11.9 | 10.8 | 086 |
| 12.0 | 29 | 14.7 | 14.1 | 087 |
| 14.1 | 27 | 23.2 | 22.6 | 086 |
| 16.2 | 17 | 23.6 | 22.9 | 094 |
| 18.0 | 9 | 14.5 | 14.3 | 093 |
| 21.0 | 1 | 7.0 | 7.0 | 030 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

September, 1966 (Bhadra 10 - Asvina 8, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **MADRAS/ MINAMBAKKAM (CONTD.)** | | |
| | | 1130 hr. | | |
| .5 | 1 | 5.0 | 5.0 | 075 |
| .0 | 1 | 8.0 | 8.0 | 070 |
| .1 | 1 | 19.0 | 19.0 | 080 |
| | | 1730 hr.* | | |
| .5 | 30 | 11.7 | 10.5 | 092 |
| .0 | 30 | 15.2 | 14.6 | 082 |
| .1 | 26 | 21.7 | 21.2 | 095 |
| .2 | 17 | 21.8 | 21.2 | 093 |
| .0 | 12 | 15.2 | 14.4 | 095 |
| .0 | 2 | 15.0 | 14.4 | 108 |
| | | **MANGALORE/ RAJPE** | | |
| | | 0530 hr. | | |
| .5 | 1 | 10.0 | 10.0 | 095 |
| .0 | 1 | 8.0 | 8.0 | 115 |
| | | 1730 hr. | | |
| .5 | 2 | 14.0 | 9.5 | 064 |
| .0 | 2 | 18.0 | 12.9 | 068 |
| .1 | 1 | 26.0 | 26.0 | 095 |
| .2 | 1 | 31.0 | 31.0 | 095 |
| .0 | 1 | 23.0 | 23.0 | 090 |
| .0 | 1 | 19.0 | 19.0 | 060 |
| | | **MINICOY** | | |
| | | 0530 hr. | | |
| .5 | 6 | 16.8 | 16.7 | 097 |
| .0 | 2 | 21 5 | 21.5 | 091 |
| .1 | 1 | 28.0 | 28.0 | 095 |
| | | 1130 hr. | | |
| .5 | 4 | 16.5 | 16.3 | 095 |
| .0 | 3 | 23.0 | 23.0 | 098 |
| .1 | 1 | 33.0 | 33.0 | 100 |
| | | 1730 hr.* | | |
| .5 | 29 | 12.3 | 11.1 | 084 |
| .0 | 28 | 19.9 | 19.2 | 084 |
| .1 | 27 | 30.0 | 29.5 | 089 |
| .2 | 26 | 17.9 | 16.4 | 098 |
| .0 | 25 | 14.6 | 13.3 | 080 |
| .0 | 11 | 8.6 | 3.4 | 144 |
| .0 | 5 | 7.2 | 2.1 | 306 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **NAGPUR/ SONEGAON** | | |
| | | 0530 hr.* | | |
| 10.5 | 21 | 7.9 | 1.9 | 152 |
| 12.0 | 21 | 8.8 | 3.6 | 133 |
| 14.1 | 15 | 10.9 | 7.4 | 138 |
| 16.2 | 15 | 14.9 | 12.6 | 116 |
| 18.0 | 9 | 17.6 | 16.1 | 115 |
| 21.0 | 4 | 16.7 | 15.5 | 097 |
| 24.0 | 2 | 17.5 | 16.7 | 107 |
| | | 1130 hr. | | |
| 10.5 | 5 | 7.2 | 2.3 | 211 |
| 12.0 | 3 | 7.0 | 1.8 | 039 |
| 14.1 | 2 | 10.0 | 7.5 | 072 |
| 16.2 | 2 | 13.0 | 13.0 | 098 |
| 18.0 | 2 | 14.5 | 14.4 | 075 |
| | | 1730 hr.* | | |
| 10.5 | 24 | 8.5 | 2.3 | 145 |
| 12.0 | 24 | 9.5 | 4.3 | 136 |
| 14.1 | 22 | 10.4 | 6.5 | 141 |
| 16.2 | 16 | 12.6 | 9.9 | 117 |
| 18.0 | 7 | 14.0 | 12.3 | 103 |
| 21.0 | 2 | 16.5 | 10.6 | 118 |
| | | **NEW DELHI/ SAFDARJUNG** | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 15.9 | 14.8 | 260 |
| 12.0 | 29 | 14.9 | 13.8 | 260 |
| 14.1 | 27 | 12.5 | 10.2 | 255 |
| 16.2 | 26 | 8.9 | 4.0 | 263 |
| 18.0 | 22 | 6.9 | 4.3 | 090 |
| 21.0 | 15 | 11.5 | 11.1 | 085 |
| 24.0 | 7 | 14.6 | 13.9 | 092 |
| 27.0 | 2 | 6.5 | 5.7 | 061 |
| | | 1130 hr. | | |
| 10.5 | 6 | 13.8 | 13.5 | 276 |
| 12.0 | 6 | 15.6 | 14.5 | 273 |
| 14.1 | 3 | 8.3 | 6.3 | 310 |
| 16.2 | 1 | 7.0 | 7.0 | 205 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 15.4 | 13.3 | 256 |
| 12.0 | 29 | 15.3 | 13.3 | 262 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **NEW DELHI/ SAFDARJUNG (CONTD.)** | | |
| | | 1730 hr.* (Contd.) | | |
| 14.1 | 28 | 11.5 | 8.4 | 258 |
| 16.2 | 28 | 7.8 | 2.3 | 207 |
| 18.0 | 23 | 8.3 | 3.4 | 140 |
| 21.0 | 16 | 10.3 | 10.0 | 095 |
| 24.0 | 4 | 15.5 | 15.3 | 114 |
| 27.0 | 1 | 19.0 | 19.0 | 086 |
| | | **POONA** | | |
| | | 1730 hr. | | |
| 10.5 | 2 | 6.5 | 5.9 | 257 |
| 12.0 | 1 | 18.0 | 18.0 | 105 |
| 14.1 | 1 | 14.0 | 14.0 | 070 |
| | | **PORT BLAIR** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 13.3 | 11.3 | 073 |
| 12.0 | 28 | 15.9 | 14.1 | 070 |
| 14.1 | 26 | 21.1 | 19.6 | 079 |
| 16.2 | 19 | 23.9 | 23.2 | 080 |
| 18.0 | 11 | 19.7 | 18.8 | 084 |
| 21.0 | 4 | 10.5 | 8.9 | 070 |
| 24.0 | 1 | 12.0 | 12.0 | 092 |
| | | 1730 hr.* | | |
| 10.5 | 23 | 12.5 | 10.5 | 065 |
| 12.0 | 22 | 16.4 | 13.8 | 069 |
| 14.1 | 18 | 19.3 | 18.6 | 082 |
| 16.2 | 15 | 23.1 | 22.2 | 089 |
| 18.0 | 10 | 19.6 | 18.5 | 084 |
| 21.0 | 6 | 17.7 | 14.2 | 084 |
| 24.0 | 1 | 5.0 | 5.0 | 128 |
| | | **RAIPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 9 | 7.0 | 3.9 | 250 |
| 12.0 | 5 | 5.8 | 4.1 | 250 |
| 14.1 | 2 | 11.0 | 11.0 | 200 |
| | | 1730 hr. | | |
| 10.5 | 7 | 8.7 | 5.3 | 257 |
| 12.0 | 3 | 7.3 | 6.5 | 273 |
| 14.1 | 1 | 9.0 | 9.0 | 210 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **RAXAUL** | | |
| | | 0530 hr. | | |
| 10.5 | 6 | 11.3 | 9.9 | 254 |
| 12.0 | 6 | 11.0 | 8.5 | 245 |
| 14.1 | 3 | 5.0 | 3.3 | 149 |
| 16.2 | 1 | 1.0 | 1.0 | 315 |
| 18.0 | 1 | 1.0 | 1.0 | 056 |
| | | 1730 hr. | | |
| 10.5 | 6 | 8.5 | 6.6 | 229 |
| 12.0 | 5 | 11.4 | 9.3 | 239 |
| 14.1 | 3 | 7.3 | 7.3 | 070 |
| 16.2 | 1 | 2.0 | 2.0 | 032 |
| | | **SRINAGAR** | | |
| | | 0530 hr.* | | |
| 10.5 | 27 | 17.6 | 15.4 | 265 |
| 12.0 | 26 | 20.5 | 18.7 | 270 |
| 14.1 | 19 | 20.2 | 17.7 | 268 |
| 16.2 | 14 | 10.1 | 7.0 | 276 |
| 18.0 | 8 | 9.5 | 6.1 | 267 |
| | | 1730 hr.* | | |
| 10.5 | 25 | 17.0 | 14.4 | 273 |
| 12.0 | 25 | 19.8 | 17.7 | 268 |
| 14.1 | 17 | 20.6 | 19.5 | 260 |
| 16.2 | 10 | 12.5 | 7.5 | 258 |
| 18.0 | 4 | 8.0 | 2.3 | 199 |
| 21.0 | 1 | 5.0 | 5.0 | 070 |
| 24.0 | 1 | 4.0 | 4.0 | 095 |
| | | **TIRUCHCHIRAPPALLI** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 13.0 | 13.0 | 085 |
| | | 1730 hr. | | |
| 10.5 | 2 | 12.0 | 11.9 | 105 |
| | | **TRIVANDRUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 13.1 | 11.9 | 086 |
| 12.0 | 29 | 18.4 | 17.6 | 080 |
| 14.1 | 26 | 25.1 | 24.3 | 083 |
| 16.2 | 20 | 19.7 | 19.2 | 091 |
| 18.0 | 16 | 12.1 | 8.2 | 096 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

September, 1966 (Bhadra 10 - Asvina 8, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | TRIVANDRUM (Contd.) | | |
| | | 0530 hr.*(Contd.) | | |
| 21.0 | 10 | 10.0 | 7.9 | 066 |
| 24.0 | 3 | 9.3 | 9.0 | 106 |
| | | 1730 hr.* | | |
| 10.5 | 28 | 12.7 | 11.7 | 088 |
| 12.0 | 28 | 19.4 | 18.2 | 084 |
| 14.1 | 25 | 26.4 | 25.9 | 086 |
| 16.2 | 19 | 17.4 | 12.7 | 094 |
| 18.0 | 9 | 14.6 | 13.7 | 092 |
| 21.0 | 4 | 8.3 | 0.7 | 356 |
| 24.0 | 1 | 11.0 | 11.0 | 130 |
| | | UDAIPUR | | |
| | | 0530 hr. | | |
| 10.5 | 16 | 12.3 | 9.1 | 261 |
| 12.0 | 14 | 13.1 | 8.8 | 260 |
| 14.1 | 7 | 18.4 | 9.3 | 253 |
| 16.2 | 4 | 12.5 | 3.1 | 232 |
| 18.0 | 2 | 12.5 | 12.5 | 085 |
| 21.0 | 1 | 10.0 | 10.0 | 210 |
| | | 1730 hr. | | |
| 10.5 | 5 | 17.6 | 17.2 | 255 |
| 12.0 | 4 | 22.0 | 21.8 | 250 |
| 14.1 | 3 | 22.0 | 21.7 | 242 |
| | | VENGURLA | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 14.0 | 14.0 | 125 |
| | | VERAVAL | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 9.0 | 5.7 | 219 |
| 12.0 | 1 | 6.0 | 6.0 | 115 |
| | | VIJAYWADA GANNAVARAM | | |
| | | 0530 hr. | | |
| 10.5 | 8 | 6.4 | 5.8 | 076 |
| 12.0 | 8 | 9.5 | 9.4 | 102 |
| 14.1 | 7 | 14.4 | 13.9 | 114 |
| 16.2 | 6 | 16.5 | 16.2 | 108 |
| 18.0 | 4 | 17.0 | 16.7 | 112 |
| 21.0 | 3 | 18.3 | 16.7 | 092 |
| | | VIJAYWADA/ GANNAVARAM (CONTD.) | | |
| | | 1730 hr. | | |
| 10.5 | 4 | 7.3 | 6.0 | 085 |
| 12.0 | 2 | 9.0 | 8.9 | 080 |
| | | VISHAKHAPATNAM | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 7.3 | 6.1 | 092 |
| 12.0 | 29 | 11.0 | 9.3 | 092 |
| 14.1 | 17 | 13.9 | 11.8 | 091 |
| 16.2 | 12 | 17.2 | 16.4 | 083 |
| 18.0 | 6 | 15.0 | 14.6 | 077 |
| 21.0 | 5 | 15.2 | 14.9 | 069 |
| 24.0 | 1 | 37.0 | 37.0 | 074 |
| | | 1130 hr. | | |
| 10.5 | 6 | 6.8 | 5.6 | 081 |
| 12.0 | 5 | 8.4 | 6.5 | 112 |
| 14.1 | 5 | 11.8 | 10.5 | 117 |
| 16.2 | 5 | 16.8 | 16.4 | 094 |
| 18.0 | 5 | 14.6 | 14.2 | 097 |
| 21.0 | 2 | 21.0 | 21.0 | 073 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 7.8 | 6.1 | 083 |
| 12.0 | 29 | 10.3 | 7.9 | 092 |
| 14.1 | 24 | 14.5 | 11.5 | 088 |
| 16.2 | 17 | 17.2 | 16.1 | 088 |
| 18.0 | 12 | 16.3 | 15.2 | 072 |
| 21.0 | 8 | 18.6 | 12.9 | 069 |

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at stations in India as given in the list below. For detailed description of the instruments used, reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 (Volume IX).

### List of Radiosonde Stations in India

| me of station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|
| madabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| ngalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| mbay/Santa Cruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| lcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947. |
| nakulam | Fan type | 1st Aug. 1966 | 00 and 12 | |
| uhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| dhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| ucknow | Clock type | 15th Aug. 1966 | 00 and 12 | |
| dras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| nicoy | Fan type | 12th May. 1963 | 12 | |
| gpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| w Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| rt Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| rinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| rivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| isakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 1000 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGLORE ( 909 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BOMBAY/SANTACRUZ ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00055 | 298.0 | 301 | 296 | 294.4 | 30 | 00921 | 292.8 | 294 | 291 | 291.7 | 30 | 00013 | 298.1 | 300 | 297 | 296.4 |
| 1000 | 30 | 00055 | 297.7 | 300 | 296 | 293.8 | 30 | 00090 | | | | | 29 | 00065 | 298.5 | 301 | 297 | 295.8 |
| 900 | 30 | 00982 | 296.1 | 303 | 291 | 288.4 | 30 | 01005 | 292.8 | 294 | 291 | 291.3 | 29 | 00991 | 294.9 | 299 | 291 | 290.0 |
| 850 | 30 | 01479 | 293.2 | 299 | 289 | 285.4 | 30 | 01496 | 291.5 | 295 | 289 | 289.0 | 29 | 01487 | 292.4 | 296 | 287 | 286.6 |
| 800 | 30 | 02002 | 290.2 | 294 | 286 | 282.4 | 30 | 02015 | 289.0 | 293 | 287 | 286.3 | 29 | 02007 | 289.6 | 292 | 285 | 284.0 |
| 700 | 30 | 03127 | 282.7 | 285 | 278 | 273.6 | 30 | 03155 | 283.6 | 286 | 281 | 280.3 | 29 | 03132 | 283.0 | 287 | 279 | 274.3 |
| 600 | 30 | 04390 | 275.2 | 279 | 271 | 266.0 | 30 | 04407 | 276.0 | 280 | 273 | 273.6 | 29 | 04399 | 277.1 | 281 | 274 | 268.8 |
| 500 | 30 | 05852 | 270.2 | 275 | 264 | | 29 | 05867 | 269.9 | 273 | 267 | | 29 | 05865 | 270.6 | 278 | 265 | |
| 400 | 30 | 07588 | 259.8 | 265 | 253 | | 29 | 07603 | 259.2 | 263 | 255 | | 29 | 07605 | 260.5 | 268 | 254 | |
| 300 | 30 | 09724 | 245.6 | 250 | 241 | | 29 | 09735 | 245.4 | 249 | 241 | | 29 | 09743 | 245.5 | 252 | 237 | |
| 250 | 30 | 11012 | 235.8 | 242 | 231 | | 29 | 11021 | 236.0 | 241 | 231 | | 29 | 11033 | 236.5 | 242 | 228 | |
| 200 | 30 | 12517 | 223.9 | 228 | 217 | | 29 | 12527 | 224.0 | 231 | 217 | | 29 | 12541 | 223.7 | 230 | 217 | |
| 175 | 30 | 13380 | 217.0 | 222 | 209 | | 28 | 13383 | 217.6 | 225 | 212 | | 28 | 13405 | 217.4 | 225 | 211 | |
| 150 | 29 | 14350 | 209.5 | 217 | 205 | | 28 | 14359 | 211.0 | 220 | 205 | | 25 | 14376 | 211.0 | 219 | 203 | |
| 125 | 26 | 15465 | 201.5 | 208 | 194 | | 25 | 15455 | 203.9 | 215 | 196 | | 24 | 15467 | 204.4 | 212 | 196 | |
| 100 | 20 | 16742 | 199.0 | 206 | 193 | | 25 | 16792 | 202.3 | 213 | 193 | | 23 | 16806 | 202.2 | 213 | 193 | |
| 80 | 14 | 18057 | 203.3 | 210 | 199 | | 25 | 18160 | 206.8 | 217 | 197 | | 18 | 18146 | 208.2 | 220 | 199 | |
| 70 | 14 | 18857 | 206.9 | 213 | 201 | | 23 | 18987 | 209.6 | 219 | 198 | | 16 | 18938 | 212.2 | 222 | 204 | |
| 60 | 12 | 19794 | 210.5 | 217 | 203 | | 22 | 19923 | 213.6 | 221 | 205 | | 16 | 19892 | 215.7 | 226 | 207 | |
| 50 | 09 | 20953 | 216.0 | 223 | 208 | | 20 | 21040 | 217.4 | 223 | 209 | | 13 | 21078 | 217.8 | 229 | 209 | |
| 40 | 06 | 22315 | 219.7 | 225 | 214 | | 16 | 22514 | 221.2 | 227 | 215 | | 07 | 22553 | 223.0 | 229 | 214 | |
| 30 | | | | | | | 13 | 24374 | 224.2 | 231 | 217 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | CALCUTTA/DUM DUM SURFACE PR ( 1004 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1009 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00006 | 299.4 | 302 | 297 | 297.9 | 29 | 00003 | 298.4 | 300 | 297 | 296.8 | 30 | 00049 | 298.5 | 301 | 297 | 297.2 |
| 1000 | 30 | 00043 | 298.8 | 302 | 296 | 297.7 | 29 | 00079 | 297.8 | 299 | 297 | 296.2 | 27 | 00056 | 297.8 | 299 | 297 | 296.3 |
| 900 | 30 | 00968 | 295.0 | 297 | 293 | 292.0 | 29 | 01002 | 293.2 | 295 | 291 | 291.0 | 27 | 00979 | 295.5 | 299 | 292 | 292.5 |
| 850 | 30 | 01464 | 292.3 | 295 | 289 | 289.2 | 29 | 01495 | 290.9 | 293 | 289 | 287.6 | 27 | 01475 | 293.4 | 297 | 289 | 289.7 |
| 800 | 30 | 01985 | 289.5 | 292 | 287 | 286.1 | 29 | 02012 | 288.1 | 290 | 286 | 284.9 | 27 | 01996 | 290.2 | 295 | 285 | 287.0 |
| 700 | 30 | 03113 | 283.1 | 287 | 281 | 280.2 | 29 | 03134 | 282.6 | 285 | 280 | 278.6 | 27 | 03124 | 284.3 | 287 | 282 | 280.4 |
| 600 | 30 | 04386 | 276.7 | 280 | 273 | 273.5 | 29 | 04402 | 276.2 | 281 | 273 | 271.6 | 27 | 04396 | 277.4 | 283 | 274 | 274.7 |
| 500 | 30 | 05850 | 269.3 | 273 | 266 | | 29 | 05860 | 267.8 | 271 | 262 | | 27 | 05866 | 269.9 | 274 | 265 | |
| 400 | 30 | 07579 | 259.3 | 263 | 253 | | 29 | 07581 | 257.5 | 262 | 249 | | 27 | 07601 | 260.6 | 267 | 255 | |
| 300 | 30 | 09716 | 245.9 | 249 | 243 | | 29 | 09693 | 242.7 | 247 | 236 | | 27 | 09745 | 247.4 | 253 | 242 | |
| 250 | 30 | 11007 | 236.8 | 241 | 233 | | 28 | 10963 | 232.7 | 237 | 227 | | 26 | 11044 | 238.0 | 244 | 233 | |
| 200 | 30 | 12621 | 225.2 | 231 | 220 | | 28 | 12451 | 221.0 | 227 | 215 | | 26 | 12568 | 227.0 | 235 | 222 | |
| 175 | 30 | 13396 | 218.6 | 224 | 214 | | 28 | 13292 | 215.1 | 222 | 208 | | 24 | 13449 | 220.5 | 231 | 213 | |
| 150 | 30 | 14364 | 211.5 | 219 | 207 | | 28 | 14267 | 208.7 | 217 | 200 | | 21 | 14403 | 212.7 | 221 | 205 | |
| 125 | 30 | 15464 | 204.8 | 212 | 195 | | 27 | 15351 | 201.9 | 210 | 193 | | 21 | 15526 | 206.1 | 213 | 197 | |
| 100 | 30 | 16800 | 199.5 | 207 | 193 | | 25 | 16697 | 201.9 | 210 | 195 | | 17 | 16877 | 203.6 | 209 | 196 | |
| 80 | 28 | 18107 | 202.0 | 208 | 192 | | 21 | 18021 | 207.5 | 215 | 199 | | 14 | 18233 | 206.4 | 213 | 200 | |
| 70 | 26 | 18915 | 206.6 | 212 | 199 | | 19 | 18831 | 211.3 | 219 | 202 | | 12 | 19022 | 210.8 | 216 | 203 | |
| 60 | 24 | 19840 | 210.0 | 215 | 205 | | 16 | 19780 | 215.0 | 221 | 205 | | 10 | 21002 | 212.1 | 219 | 202 | |
| 50 | 19 | 20951 | 215.4 | 223 | 207 | | 15 | 20938 | 217.3 | 223 | 207 | | 08 | 21209 | 218.3 | 223 | 215 | |
| 40 | 11 | 22372 | 218.0 | 223 | 213 | | 09 | 22259 | 218.8 | 228 | 210 | | 05 | 22705 | 221.4 | 225 | 217 | |
| 30 | 06 | 24304 | 221.2 | 227 | 217 | | 07 | 24107 | 222.4 | 227 | 218 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 978 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 992 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00217 | 299.0 | 303 | 295 | 292.3 | 30 | 00127 | 298.6 | 301 | 297 | 295.6 | 30 | 00015 | 298.8 | 302 | 296 | 297.2 |
| 1000 | 30 | 00020 | | | | | 30 | 00043 | | | | | 30 | 00064 | 298.6 | 302 | 296 | 296.7 |
| 900 | 30 | 00942 | 296.8 | 303 | 292 | 286.3 | 30 | 00973 | 296.9 | 301 | 290 | 288.2 | 30 | 00986 | 294.8 | 298 | 291 | 289.9 |
| 850 | 30 | 01439 | 294.5 | 300 | 290 | 282.9 | 30 | 01469 | 293.9 | 298 | 288 | 286.2 | 30 | 01481 | 292.1 | 295 | 289 | 286.7 |
| 800 | 30 | 01959 | 291.3 | 295 | 287 | 278.1 | 30 | 01991 | 290.6 | 295 | 284 | 284.1 | 30 | 02001 | 289.1 | 292 | 287 | 284.3 |
| 700 | 30 | 03089 | 284.1 | 287 | 281 | 269.5 | 30 | 03115 | 282.8 | 288 | 277 | 275.7 | 30 | 03125 | 283.1 | 286 | 281 | 277.7 |
| 600 | 29 | 04353 | 274.9 | 281 | 270 | 261.7 | 30 | 04384 | 275.9 | 282 | 270 | 265.0 | 30 | 04391 | 276.3 | 279 | 273 | 270.0 |
| 500 | 29 | 05804 | 268.4 | 275 | 260 | | 29 | 05835 | 269.9 | 275 | 263 | | 30 | 05851 | 268.7 | 271 | 265 | |
| 400 | 28 | 07529 | 259.2 | 266 | 251 | | 29 | 07575 | 259.7 | 264 | 252 | | 29 | 07580 | 258.6 | 262 | 255 | |
| 300 | 27 | 09627 | 246.0 | 254 | 238 | | 28 | 09688 | 245.5 | 251 | 239 | | 29 | 09703 | 243.9 | 249 | 241 | |
| 250 | 27 | 10956 | 237.2 | 249 | 230 | | 28 | 10992 | 236.3 | 242 | 229 | | 29 | 10982 | 234.7 | 240 | 231 | |
| 200 | 26 | 12482 | 227.4 | 237 | 222 | | 28 | 12503 | 225.0 | 231 | 217 | | 29 | 12482 | 222.6 | 229 | 216 | |
| 175 | 20 | 13334 | 219.5 | 229 | 214 | | 26 | 13356 | 218.1 | 225 | 208 | | 27 | 13336 | 216.7 | 224 | 211 | |
| 150 | 15 | 14312 | 211.8 | 219 | 205 | | 26 | 14332 | 211.4 | 218 | 201 | | 27 | 14308 | 210.1 | 219 | 205 | |
| 125 | 13 | 15428 | 205.2 | 213 | 197 | | 25 | 15492 | 204.4 | 213 | 193 | | 25 | 15375 | 202.9 | 208 | 199 | |
| 100 | 12 | 16779 | 203.8 | 210 | 199 | | 24 | 16777 | 200.9 | 209 | 191 | | 20 | 16711 | 199.9 | 205 | 192 | |
| 80 | 06 | 18087 | 209.3 | 212 | 207 | | 16 | 18077 | 203.3 | 210 | 197 | | 15 | 18037 | 206.1 | 213 | 197 | |
| 70 | 05 | 18954 | 212.8 | 215 | 210 | | 14 | 18904 | 206.4 | 212 | 201 | | 15 | 18852 | 210.7 | 218 | 203 | |
| 60 | | | | | | | 13 | 19836 | 209.6 | 215 | 206 | | 12 | 19811 | 214.5 | 220 | 207 | |
| 50 | | | | | | | 11 | 20972 | 212.9 | 218 | 207 | | 07 | 21000 | 217.7 | 225 | 213 | |
| 40 | | | | | | | 05 | 22364 | 216.6 | 221 | 211 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| TANDARD RESSURE URFACE MB | NAGPUR/SONEGAON SURFACE PR ( 973 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 981 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | PORT BLAIR ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URFACE | 30 | 00311 | 296.6 | 298 | 295 | 294.0 | 30 | 00209 | 297.8 | 301 | 295 | 293.9 | 30 | 00079 | 298.1 | 300 | 296 | 296.8 |
| 1000 | 30 | 00054 | | | | | 30 | 00042 | | | | | 30 | 00072 | 297.9 | 300 | 296 | 296.5 |
| 900 | 30 | 00979 | 296.2 | 299 | 294 | 290.7 | 30 | 00969 | 297.0 | 301 | 294 | 288.6 | 30 | 00991 | 293.4 | 296 | 291 | 290.7 |
| 850 | 30 | 01475 | 292.9 | 296 | 289 | 289.2 | 30 | 01468 | 294.0 | 298 | 291 | 286.3 | 30 | 01483 | 290.8 | 294 | 288 | 287.7 |
| 800 | 30 | 01997 | 289.2 | 292 | 286 | 286.1 | 30 | 01990 | 290.4 | 293 | 287 | 282.7 | 30 | 01996 | 288.1 | 291 | 286 | 284.3 |
| 700 | 30 | 03123 | 282.9 | 288 | 277 | 278.0 | 30 | 03115 | 282.6 | 286 | 280 | 274.9 | 30 | 03121 | 282.9 | 287 | 278 | 278.0 |
| 600 | 30 | 04394 | 277.0 | 284 | 270 | 271.0 | 30 | 04375 | 274.5 | 281 | 271 | 268.7 | 30 | 04388 | 276.3 | 280 | 271 | 272.3 |
| 500 | 30 | 05858 | 269.7 | 275 | 263 | 266.6 | 30 | 05823 | 267.5 | 274 | 260 | | 30 | 05850 | 268.5 | 273 | 263 | |
| 400 | 30 | 07592 | 259.8 | 266 | 252 | | 30 | 07542 | 257.4 | 265 | 249 | | 30 | 07570 | 258.2 | 262 | 253 | |
| 300 | 30 | 09725 | 245.6 | 251 | 240 | | 29 | 09658 | 244.6 | 250 | 236 | | 30 | 09689 | 243.9 | 250 | 238 | |
| 250 | 30 | 11014 | 236.2 | 242 | 231 | | 29 | 10941 | 235.8 | 240 | 229 | | 28 | 10964 | 234.5 | 240 | 228 | |
| 200 | 30 | 12521 | 224.3 | 230 | 217 | | 29 | 12451 | 225.6 | 230 | 220 | | 28 | 12462 | 223.3 | 231 | 215 | |
| 175 | 26 | 13364 | 218.3 | 226 | 211 | | 29 | 13322 | 219.4 | 225 | 213 | | 27 | 13327 | 216.5 | 225 | 208 | |
| 150 | 26 | 14349 | 212.3 | 223 | 205 | | 27 | 14299 | 212.7 | 218 | 207 | | 27 | 14294 | 210.5 | 221 | 201 | |
| 125 | 25 | 15443 | 205.5 | 215 | 199 | | 27 | 15414 | 205.8 | 213 | 200 | | 24 | 15427 | 205.7 | 214 | 198 | |
| 100 | 24 | 16767 | 201.4 | 210 | 193 | | 26 | 16753 | 202.0 | 209 | 194 | | 22 | 16768 | 202.4 | 215 | 189 | |
| 80 | 21 | 18154 | 204.8 | 209 | 200 | | 24 | 18085 | 203.8 | 211 | 197 | | 14 | 18111 | 206.7 | 222 | 193 | |
| 70 | 18 | 18978 | 207.2 | 212 | 202 | | 22 | 18875 | 207.7 | 215 | 198 | | 11 | 18916 | 210.2 | 218 | 203 | |
| 60 | 15 | 19850 | 210.7 | 217 | 204 | | 19 | 19837 | 211.9 | 217 | 207 | | 08 | 19847 | 213.9 | 221 | 208 | |
| 50 | 14 | 20963 | 214.9 | 224 | 205 | | 16 | 20991 | 215.3 | 220 | 211 | | 06 | 21005 | 217.8 | 225 | 212 | |
| 40 | 09 | 22349 | 217.5 | 228 | 207 | | 11 | 22346 | 218.4 | 223 | 214 | | | | | | | |
| 30 | | | | | | | 07 | 24187 | 223.1 | 229 | 217 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| TANDARD RESSURE URFACE MB | SRINAGAR SURFACE PR ( 839 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 1002 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | VISHAKHAPATNAM ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URFACE | 28 | 01588 | 285.8 | 291 | 281 | 285.5 | 30 | 00064 | 298.1 | 301 | 297 | 296.3 | 30 | 00041 | 299.9 | 302 | 298 | 297.1 |
| 1000 | 28 | 00102 | | | | | 30 | 00080 | 298.0 | 300 | 297 | 296.1 | 30 | 00048 | 300.0 | 302 | 299 | 297.0 |
| 900 | 28 | 01003 | | | | | 30 | 01003 | 293.6 | 295 | 291 | 290.7 | 30 | 00977 | 295.4 | 299 | 293 | 291.1 |
| 850 | 28 | 01486 | | | | | 30 | 01497 | 291.2 | 294 | 289 | 288.0 | 30 | 01473 | 292.9 | 295 | 289 | 287.7 |
| 800 | 28 | 01995 | 285.9 | 292 | 280 | 283.4 | 30 | 02016 | 288.7 | 292 | 286 | 285.2 | 30 | 01994 | 289.5 | 292 | 287 | 285.0 |
| 700 | 28 | 03105 | 279.9 | 285 | 274 | 277.3 | 30 | 03141 | 283.2 | 287 | 279 | 278.1 | 30 | 03119 | 283.1 | 286 | 279 | 277.9 |
| 600 | 28 | 04354 | 272.1 | 277 | 264 | 271.3 | 30 | 04411 | 276.6 | 283 | 271 | 272.7 | 30 | 04386 | 276.8 | 280 | 273 | 271.8 |
| 500 | 28 | 05785 | 263.4 | 270 | 254 | | 30 | 05870 | 268.4 | 272 | 263 | | 30 | 05847 | 269.6 | 273 | 266 | |
| 400 | 28 | 07487 | 253.9 | 262 | 244 | | 30 | 07588 | 258.4 | 263 | 253 | | 30 | 07582 | 259.5 | 265 | 256 | |
| 300 | 27 | 09568 | 240.8 | 250 | 229 | | 30 | 09716 | 243.7 | 249 | 236 | | 30 | 09712 | 245.0 | 253 | 241 | |
| 250 | 26 | 10835 | 233.2 | 242 | 220 | | 29 | 10999 | 233.9 | 239 | 229 | | 30 | 11001 | 236.1 | 245 | 230 | |
| 200 | 26 | 12328 | 226.3 | 234 | 218 | | 29 | 12491 | 221.7 | 227 | 217 | | 30 | 12507 | 224.3 | 233 | 220 | |
| 175 | 20 | 13213 | 220.9 | 228 | 215 | | 25 | 13341 | 215.9 | 223 | 211 | | 23 | 13369 | 218.3 | 224 | 214 | |
| 150 | 18 | 14204 | 215.2 | 220 | 209 | | 25 | 14321 | 209.5 | 219 | 203 | | 23 | 14345 | 212.0 | 217 | 208 | |
| 125 | 17 | 15362 | 209.9 | 217 | 203 | | 23 | 15397 | 202.2 | 210 | 196 | | 21 | 15449 | 206.4 | 213 | 201 | |
| 100 | 16 | 16706 | 206.4 | 211 | 201 | | 21 | 16725 | 202.2 | 211 | 193 | | 20 | 16807 | 203.0 | 211 | 198 | |
| 80 | 13 | 18102 | 207.7 | 215 | 200 | | 18 | 18076 | 208.1 | 220 | 202 | | 16 | 18162 | 207.0 | 212 | 201 | |
| 70 | 12 | 18924 | 210.2 | 215 | 204 | | 16 | 18919 | 213.1 | 228 | 205 | | 15 | 18975 | 210.7 | 217 | 203 | |
| 60 | 11 | 19888 | 213.9 | 220 | 207 | | 14 | 19859 | 215.7 | 225 | 210 | | 12 | 19957 | 213.1 | 219 | 208 | |
| 50 | 05 | 20944 | 217.8 | 221 | 216 | | 14 | 21022 | 220.1 | 231 | 214 | | 12 | 21024 | 216.4 | 223 | 212 | |
| 40 | | | | | | | 09 | 22423 | 222.4 | 229 | 217 | | 07 | 22392 | 217.7 | 220 | 216 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

SEPTEMBER, 1966. (BHADRA 10 - ASVINA 8, 1888SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGLORE ( 907 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BOMBAY/SANTACRUZ ( 1005 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00055 | 306.8 | 311 | 302 | 293.6 | 30 | 00921 | 299.0 | 304 | 295 | 292.0 | 30 | 00013 | 302.2 | 305 | 299 | 297.3 |
| 1000 | 29 | 00044 | 306.9 | 310 | 304 | 292.6 | 30 | 00059 | | | | | 28 | 00057 | 302.0 | 305 | 298 | 296.7 |
| 900 | 29 | 00986 | 299.8 | 306 | 296 | 288.2 | 30 | 00990 | 298.3 | 302 | 293 | 291.6 | 28 | 00982 | 296.0 | 300 | 289 | 290.3 |
| 850 | 29 | 01488 | 295.5 | 301 | 292 | 285.0 | 30 | 01488 | 294.6 | 301 | 290 | 289.7 | 28 | 01481 | 293.3 | 299 | 286 | 287.9 |
| 800 | 29 | 02013 | 291.5 | 295 | 287 | 281.4 | 30 | 02011 | 290.9 | 299 | 286 | 286.7 | 28 | 02003 | 290.0 | 294 | 286 | 284.6 |
| 700 | 29 | 03143 | 284.5 | 288 | 281 | 271.0 | 30 | 03139 | 284.1 | 288 | 279 | 280.0 | 28 | 03130 | 283.7 | 287 | 281 | 275.7 |
| 600 | 29 | 04411 | 276.2 | 280 | 273 | 266.6 | 30 | 04410 | 277.7 | 283 | 272 | 273.0 | 27 | 04401 | 278.3 | 281 | 275 | 267.8 |
| 500 | 29 | 05879 | 271.2 | 275 | 266 | | 30 | 05876 | 269.9 | 274 | 263 | | 26 | 05872 | 272.0 | 276 | 268 | 264.3 |
| 400 | 29 | 07620 | 261.6 | 264 | 257 | | 30 | 07610 | 260.0 | 265 | 253 | | 25 | 07617 | 260.8 | 264 | 257 | |
| 300 | 29 | 09763 | 246.2 | 251 | 243 | | 30 | 09747 | 245.6 | 251 | 238 | | 25 | 09760 | 246.4 | 253 | 241 | |
| 250 | 27 | 11046 | 236.2 | 242 | 232 | | 29 | 11032 | 236.3 | 241 | 230 | | 25 | 11055 | 237.8 | 246 | 232 | |
| 200 | 27 | 12557 | 224.3 | 229 | 220 | | 29 | 12543 | 224.7 | 231 | 215 | | 25 | 12572 | 225.5 | 232 | 219 | |
| 175 | 26 | 13420 | 217.8 | 223 | 213 | | 28 | 13397 | 217.8 | 223 | 211 | | 23 | 13443 | 219.3 | 224 | 213 | |
| 150 | 24 | 14380 | 209.7 | 215 | 206 | | 28 | 14388 | 211.8 | 221 | 202 | | 21 | 14417 | 213.1 | 221 | 207 | |
| 125 | 21 | 15490 | 202.0 | 210 | 194 | | 26 | 15484 | 205.2 | 215 | 196 | | 18 | 15508 | 204.6 | 212 | 198 | |
| 100 | 19 | 16728 | 199.2 | 207 | 193 | | 25 | 16830 | 202.6 | 212 | 194 | | 15 | 16853 | 199.3 | 207 | 192 | |
| 80 | 17 | 18080 | 202.5 | 212 | 193 | | 24 | 18198 | 206.9 | 217 | 199 | | 15 | 18170 | 204.1 | 211 | 199 | |
| 70 | 13 | 18861 | 207.4 | 216 | 201 | | 22 | 19002 | 209.6 | 222 | 202 | | 13 | 18933 | 208.4 | 215 | 203 | |
| 60 | 08 | 19813 | 212.1 | 220 | 204 | | 20 | 19962 | 212.5 | 224 | 204 | | 12 | 19868 | 213.5 | 219 | 209 | |
| 50 | 07 | 20953 | 215.1 | 223 | 208 | | 19 | 21034 | 215.9 | 227 | 208 | | 08 | 21076 | 218.0 | 223 | 212 | |
| 40 | 07 | 22376 | 220.4 | 225 | 214 | | 12 | 22410 | 218.5 | 227 | 210 | | | | | | | |
| 30 | | | | | | | 09 | 24346 | 222.5 | 229 | 213 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | CALCUTTA/DUM DUM SURFACE PR ( 1002 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00006 | 301.9 | 306 | 298 | 298.5 | 30 | 00003 | 301.1 | 303 | 299 | 297.3 | 30 | 00049 | 301.5 | 304 | 299 | 297.7 |
| 1000 | 30 | 00026 | 302.0 | 305 | 298 | 298.1 | 30 | 00068 | 300.7 | 303 | 299 | 297.0 | 29 | 00031 | 302.1 | 304 | 299 | 297.4 |
| 900 | 30 | 00959 | 296.6 | 299 | 292 | 293.4 | 30 | 00994 | 294.1 | 296 | 289 | 290.8 | 29 | 00982 | 296.6 | 299 | 295 | 293.1 |
| 850 | 30 | 01457 | 293.6 | 296 | 290 | 290.4 | 30 | 01488 | 291.6 | 294 | 288 | 288.5 | 29 | 01461 | 293.9 | 297 | 292 | 290.3 |
| 800 | 30 | 01980 | 291.1 | 294 | 289 | 286.8 | 30 | 02007 | 288.7 | 291 | 285 | 285.5 | 29 | 01973 | 290.9 | 294 | 289 | 287.6 |
| 700 | 30 | 03113 | 284.6 | 287 | 281 | 279.9 | 30 | 03130 | 283.2 | 286 | 278 | 278.7 | 29 | 03145 | 285.0 | 287 | 282 | 280.8 |
| 600 | 30 | 04391 | 278.1 | 281 | 274 | 272.4 | 30 | 04400 | 277.1 | 281 | 271 | 271.8 | 29 | 04391 | 278.8 | 282 | 274 | 273.7 |
| 500 | 30 | 05860 | 270.3 | 273 | 267 | | 30 | 05864 | 269.4 | 275 | 266 | | 29 | 05866 | 270.8 | 274 | 267 | |
| 400 | 30 | 07599 | 260.1 | 264 | 256 | | 30 | 07594 | 258.8 | 263 | 255 | | 29 | 07601 | 260.1 | 264 | 257 | |
| 300 | 30 | 09739 | 246.5 | 250 | 243 | | 30 | 09717 | 244.0 | 250 | 238 | | 29 | 09751 | 247.4 | 252 | 241 | |
| 250 | 30 | 11033 | 237.1 | 241 | 232 | | 30 | 10995 | 234.2 | 242 | 228 | | 28 | 11019 | 238.2 | 242 | 232 | |
| 200 | 30 | 12546 | 225.1 | 231 | 219 | | 30 | 12492 | 222.5 | 232 | 214 | | 28 | 12578 | 226.6 | 232 | 220 | |
| 175 | 30 | 13417 | 218.3 | 223 | 212 | | 29 | 13346 | 215.8 | 226 | 208 | | 26 | 13449 | 220.2 | 226 | 213 | |
| 150 | 30 | 14385 | 211.0 | 219 | 203 | | 28 | 14319 | 209.2 | 220 | 201 | | 25 | 14437 | 213.0 | 221 | 207 | |
| 125 | 28 | 15510 | 204.2 | 212 | 199 | | 27 | 15393 | 202.4 | 213 | 195 | | 21 | 15547 | 205.1 | 209 | 196 | |
| 100 | 28 | 16823 | 198.1 | 209 | 189 | | 25 | 16725 | 202.3 | 210 | 194 | | 13 | 16889 | 200.2 | 208 | 194 | |
| 80 | 23 | 18144 | 201.8 | 211 | 194 | | 23 | 18051 | 207.5 | 216 | 201 | | 06 | 18269 | 205.0 | 211 | 199 | |
| 70 | 21 | 18958 | 206.4 | 215 | 203 | | 20 | 18825 | 209.5 | 221 | 200 | | 05 | 19058 | 209.4 | 214 | 204 | |
| 60 | 19 | 19920 | 210.6 | 217 | 205 | | 19 | 19818 | 212.5 | 225 | 200 | | | | | | | |
| 50 | 16 | 21053 | 214.1 | 220 | 210 | | 17 | 20821 | 214.8 | 227 | 205 | | | | | | | |
| 40 | 11 | 22468 | 217.1 | 225 | 210 | | 13 | 22382 | 218.6 | 231 | 211 | | | | | | | |
| 30 | 06 | 24317 | 219.3 | 225 | 215 | | 09 | 24204 | 222.1 | 226 | 216 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 977 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 988 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00217 | 306.0 | 311 | 301 | 290.9 | 30 | 00127 | 305.5 | 309 | 303 | 296.4 | 30 | 00029 | 303.2 | 308 | 298 | 298.0 |
| 1000 | 30 | 00007 | | | | | 29 | 00025 | | | | | 30 | 00043 | 302.4 | 305 | 297 | 297.6 |
| 900 | 30 | 00945 | 300.4 | 306 | 296 | 285.6 | 29 | 00965 | 300.0 | 303 | 296 | 291.4 | 30 | 00974 | 296.8 | 299 | 293 | 290.7 |
| 850 | 30 | 01447 | 296.1 | 302 | 292 | 283.5 | 29 | 01457 | 296.3 | 301 | 293 | 288.4 | 30 | 01472 | 293.4 | 297 | 290 | 287.6 |
| 800 | 30 | 02005 | 292.4 | 297 | 289 | 280.5 | 29 | 01990 | 292.1 | 295 | 289 | 286.0 | 30 | 01993 | 290.3 | 294 | 286 | 284.6 |
| 700 | 30 | 03132 | 284.1 | 288 | 279 | 271.9 | 29 | 03122 | 284.8 | 289 | 280 | 276.8 | 30 | 03121 | 283.9 | 287 | 281 | 278.0 |
| 600 | 30 | 04368 | 275.4 | 281 | 272 | 263.8 | 29 | 04396 | 278.1 | 284 | 274 | 267.7 | 30 | 04392 | 277.0 | 279 | 273 | 272.3 |
| 500 | 30 | 05822 | 269.2 | 275 | 263 | | 29 | 05866 | 271.1 | 275 | 267 | | 30 | 05855 | 269.7 | 273 | 266 | |
| 400 | 30 | 07550 | 259.5 | 266 | 252 | | 29 | 07608 | 260.4 | 267 | 254 | | 30 | 07587 | 259.7 | 263 | 255 | |
| 300 | 30 | 09651 | 246.1 | 251 | 240 | | 29 | 09754 | 247.7 | 256 | 242 | | 30 | 09717 | 244.2 | 249 | 239 | |
| 250 | 30 | 10977 | 237.0 | 243 | 231 | | 29 | 11052 | 237.7 | 245 | 231 | | 30 | 11008 | 235.0 | 241 | 231 | |
| 200 | 30 | 12494 | 226.6 | 234 | 219 | | 29 | 12571 | 225.7 | 233 | 218 | | 30 | 12498 | 223.2 | 230 | 219 | |
| 175 | 28 | 13325 | 220.3 | 229 | 212 | | 29 | 13439 | 219.8 | 228 | 214 | | 30 | 13358 | 216.7 | 224 | 212 | |
| 150 | 23 | 14335 | 212.1 | 219 | 202 | | 28 | 14417 | 213.5 | 221 | 207 | | 29 | 14326 | 210.1 | 218 | 204 | |
| 125 | 22 | 15448 | 201.1 | 212 | 195 | | 28 | 15542 | 206.4 | 213 | 197 | | 24 | 15417 | 202.4 | 210 | 195 | |
| 100 | 16 | 16747 | 203.2 | 208 | 196 | | 26 | 16875 | 201.5 | 208 | 195 | | 22 | 16744 | 200.1 | 205 | 193 | |
| 80 | 10 | 18119 | 207.3 | 210 | 202 | | 24 | 18195 | 202.9 | 208 | 195 | | 18 | 18068 | 205.9 | 213 | 200 | |
| 70 | 08 | 18925 | 211.3 | 215 | 207 | | 23 | 18996 | 206.3 | 211 | 198 | | 16 | 18874 | 208.7 | 217 | 201 | |
| 60 | 06 | 19907 | 214.3 | 219 | 209 | | 19 | 19941 | 210.3 | 214 | 206 | | 15 | 19806 | 211.3 | 218 | 202 | |
| 50 | 06 | 21059 | 217.1 | 221 | 212 | | 15 | 21005 | 214.3 | 222 | 206 | | 11 | 20960 | 214.5 | 221 | 205 | |
| 40 | | | | | | | 10 | 22508 | 218.8 | 223 | 213 | | 07 | 22383 | 219.0 | 224 | 214 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

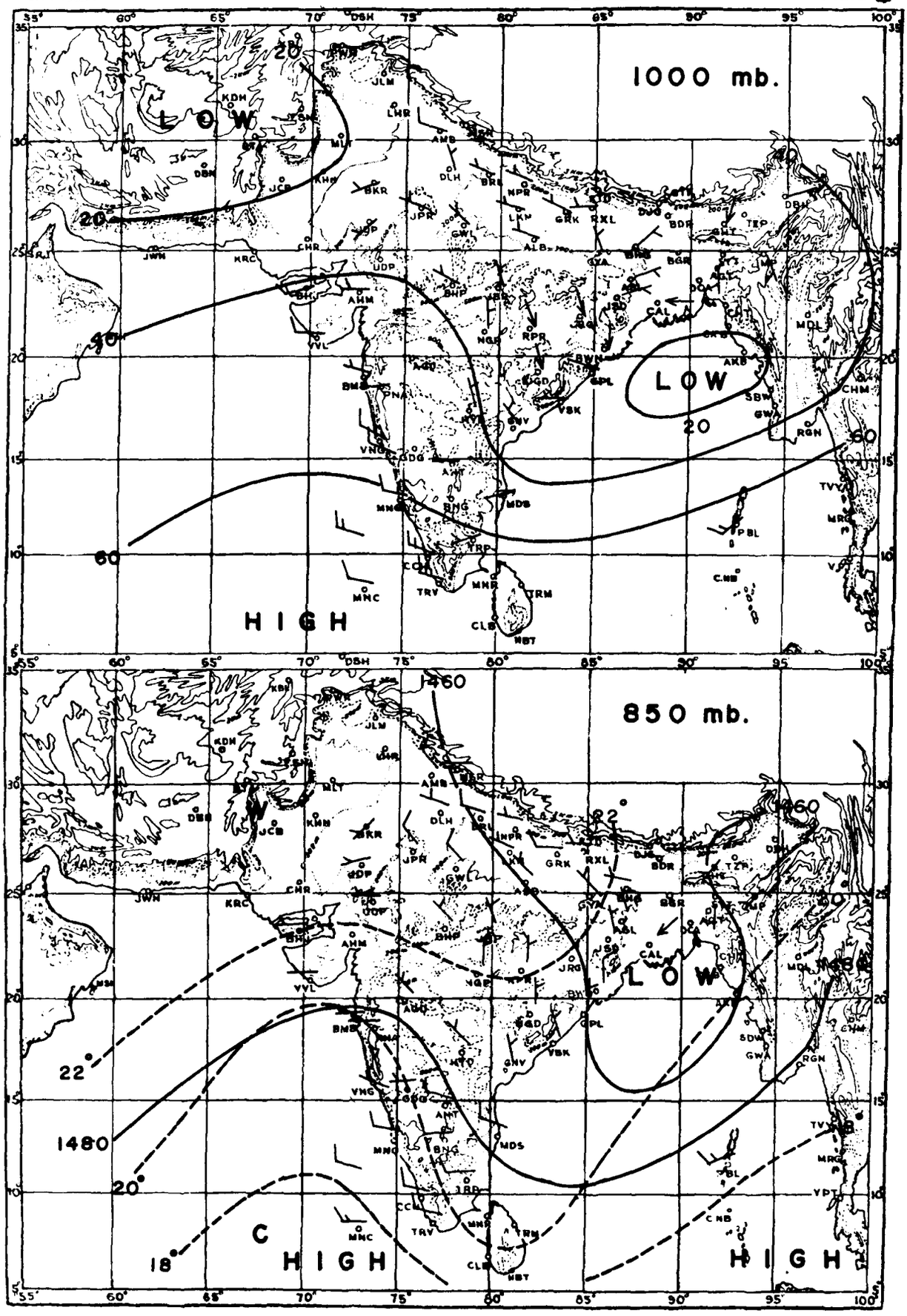
RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(3) FROM ASCENTS AT 12 HRS G.M.T.
SEPTEMBER,1966.(BHADRA 10 - ASVINA 8,1888SAKA)

| STANDARD PRESSURE SURFACE MB | MINICOY SURFACE PR ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 969 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 980 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00002 | 301.7 | 303 | 298 | 297.1 | 30 | 00311 | 302.8 | 307 | 297 | 293.9 | 30 | 00209 | 305.1 | 309 | 299 | 294.7 |
| 1000 | 30 | 00076 | 301.0 | 302 | 298 | 296.3 | 30 | 00027 | | | | | 30 | 00025 | | | | |
| 900 | 30 | 01001 | 293.9 | 296 | 292 | 290.0 | 30 | 00970 | 298.9 | 303 | 295 | 291.3 | 30 | 00965 | 299.5 | 303 | 297 | 288.7 |
| 850 | 30 | 01495 | 291.4 | 293 | 289 | 286.5 | 30 | 01472 | 295.4 | 300 | 292 | 289.1 | 30 | 01466 | 295.4 | 298 | 292 | 285.7 |
| 800 | 30 | 02013 | 288.6 | 291 | 286 | 283.8 | 30 | 01996 | 291.5 | 296 | 288 | 286.4 | 30 | 01990 | 291.5 | 294 | 289 | 281.9 |
| 700 | 30 | 03137 | 283.5 | 287 | 279 | 275.3 | 30 | 03129 | 284.2 | 289 | 279 | 279.4 | 30 | 03119 | 283.8 | 288 | 280 | 275.8 |
| 600 | 30 | 04406 | 276.9 | 282 | 272 | 270.0 | 30 | 04403 | 277.6 | 283 | 273 | 271.7 | 30 | 04385 | 275.4 | 283 | 269 | 264.8 |
| 500 | 30 | 05864 | 268.6 | 272 | 265 | | 30 | 05872 | 270.9 | 276 | 263 | 264.2 | 30 | 05838 | 268.5 | 276 | 261 | |
| 400 | 30 | 07588 | 258.6 | 263 | 254 | | 30 | 07612 | 260.5 | 264 | 253 | | 30 | 07565 | 258.8 | 269 | 250 | |
| 300 | 30 | 09703 | 243.0 | 250 | 238 | | 30 | 09750 | 246.1 | 252 | 241 | | 30 | 09695 | 246.0 | 257 | 239 | |
| 250 | 30 | 10976 | 233.6 | 243 | 228 | | 30 | 11042 | 237.2 | 245 | 233 | | 30 | 10970 | 237.5 | 248 | 231 | |
| 200 | 30 | 12462 | 220.8 | 232 | 215 | | 30 | 12553 | 224.6 | 231 | 217 | | 29 | 12491 | 226.1 | 231 | 222 | |
| 175 | 29 | 13291 | 216.1 | 220 | 205 | | 30 | 13402 | 218.0 | 223 | 211 | | 29 | 13364 | 219.7 | 226 | 215 | |
| 150 | 29 | 14263 | 208.6 | 216 | 199 | | 30 | 14391 | 211.0 | 218 | 203 | | 27 | 14338 | 212.7 | 220 | 207 | |
| 125 | 27 | 15348 | 203.4 | 210 | 192 | | 27 | 15410 | 204.7 | 211 | 200 | | 27 | 15455 | 205.8 | 211 | 196 | |
| 100 | 27 | 16692 | 202.3 | 210 | 193 | | 25 | 16829 | 201.2 | 209 | 191 | | 27 | 16785 | 201.8 | 209 | 192 | |
| 80 | 26 | 18022 | 207.2 | 218 | 195 | | 20 | 18165 | 205.5 | 214 | 195 | | 23 | 18114 | 204.5 | 213 | 196 | |
| 70 | 24 | 18843 | 211.7 | 222 | 196 | | 15 | 18984 | 208.6 | 217 | 201 | | 22 | 18935 | 208.0 | 217 | 200 | |
| 60 | 16 | 19787 | 213.7 | 225 | 200 | | 11 | 19869 | 211.3 | 218 | 205 | | 19 | 19866 | 211.1 | 216 | 205 | |
| 50 | 12 | 21327 | 216.8 | 228 | 206 | | 10 | 20983 | 214.4 | 221 | 207 | | 16 | 21017 | 214.9 | 221 | 209 | |
| 40 | 09 | 22425 | 223.2 | 235 | 218 | | | | | | | | 11 | 22422 | 217.9 | 224 | 213 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 998 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | SRINAGAR ( 838 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 1000 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 29 | 00079 | 299.1 | 301 | 296 | 293.0 | 28 | 01588 | 294.5 | 303 | 288 | 288.5 | 30 | 00064 | 300.6 | 302 | 298 | 296.7 |
| 1000 | 28 | 00066 | 297.6 | 299 | 296 | 296.4 | 28 | 00044 | | | | | 30 | 00066 | 300.5 | 302 | 298 | 296.8 |
| 900 | 27 | 00986 | 294.4 | 298 | 291 | 291.9 | 28 | 00972 | | | | | 30 | 00994 | 295.0 | 299 | 293 | 290.7 |
| 850 | 27 | 01481 | 291.9 | 295 | 289 | 289.0 | 28 | 01469 | | | | | 29 | 01490 | 292.9 | 297 | 289 | 288.5 |
| 800 | 27 | 02000 | 289.4 | 292 | 286 | 285.3 | 28 | 01992 | 291.1 | 299 | 283 | 284.0 | 29 | 02011 | 289.8 | 292 | 287 | 285.7 |
| 700 | 27 | 03137 | 284.3 | 289 | 281 | 279.3 | 28 | 03120 | 283.1 | 289 | 275 | 276.0 | 29 | 03141 | 284.6 | 287 | 281 | 277.6 |
| 600 | 26 | 04398 | 277.6 | 284 | 273 | 272.9 | 28 | 04382 | 274.5 | 280 | 268 | 269.3 | 29 | 04417 | 278.0 | 282 | 275 | 272.6 |
| 500 | 26 | 05862 | 269.6 | 273 | 266 | | 28 | 05824 | 264.6 | 272 | 259 | | 28 | 05884 | 270.3 | 273 | 267 | |
| 400 | 25 | 07592 | 259.2 | 263 | 255 | | 28 | 07525 | 254.7 | 261 | 246 | | 28 | 07621 | 260.0 | 264 | 255 | |
| 300 | 23 | 09722 | 244.8 | 251 | 239 | | 26 | 09621 | 241.5 | 250 | 231 | | 28 | 09752 | 244.6 | 249 | 240 | |
| 250 | 22 | 11001 | 235.4 | 245 | 228 | | 26 | 10906 | 233.4 | 241 | 225 | | 28 | 11034 | 234.9 | 240 | 231 | |
| 200 | 22 | 12501 | 222.5 | 228 | 215 | | 25 | 12394 | 225.1 | 230 | 220 | | 28 | 12535 | 222.6 | 229 | 217 | |
| 175 | 22 | 13353 | 215.2 | 221 | 208 | | 21 | 13255 | 220.5 | 227 | 213 | | 28 | 13385 | 216.4 | 222 | 211 | |
| 150 | 21 | 14327 | 208.5 | 214 | 201 | | 17 | 14242 | 216.3 | 224 | 211 | | 27 | 14364 | 209.4 | 216 | 202 | |
| 125 | 17 | 15426 | 202.0 | 207 | 195 | | 12 | 15433 | 213.Q | 220 | 207 | | 21 | 15451 | 203.4 | 213 | 196 | |
| 100 | 16 | 16757 | 200.0 | 207 | 195 | | 11 | 16769 | 210.5 | 219 | 203 | | 18 | 16793 | 202.4 | 215 | 195 | |
| 80 | 13 | 18116 | 205.1 | 213 | 198 | | 06 | 18115 | 213.8 | 220 | 208 | | 12 | 18169 | 208.3 | 228 | 199 | |
| 70 | 11 | 18929 | 209.1 | 212 | 204 | | 06 | 18970 | 214.0 | 222 | 205 | | 11 | 18949 | 210.7 | 221 | 201 | |
| 60 | 10 | 19872 | 212.1 | 217 | 208 | | 05 | 19956 | 217.6 | 228 | 211 | | 07 | 19968 | 214.1 | 217 | 211 | |
| 50 | 09 | 20982 | 214.8 | 221 | 210 | | 05 | 21125 | 219.8 | 228 | 214 | | 07 | 21018 | 218.6 | 223 | 215 | |
| 40 | 07 | 22425 | 218.6 | 225 | 212 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

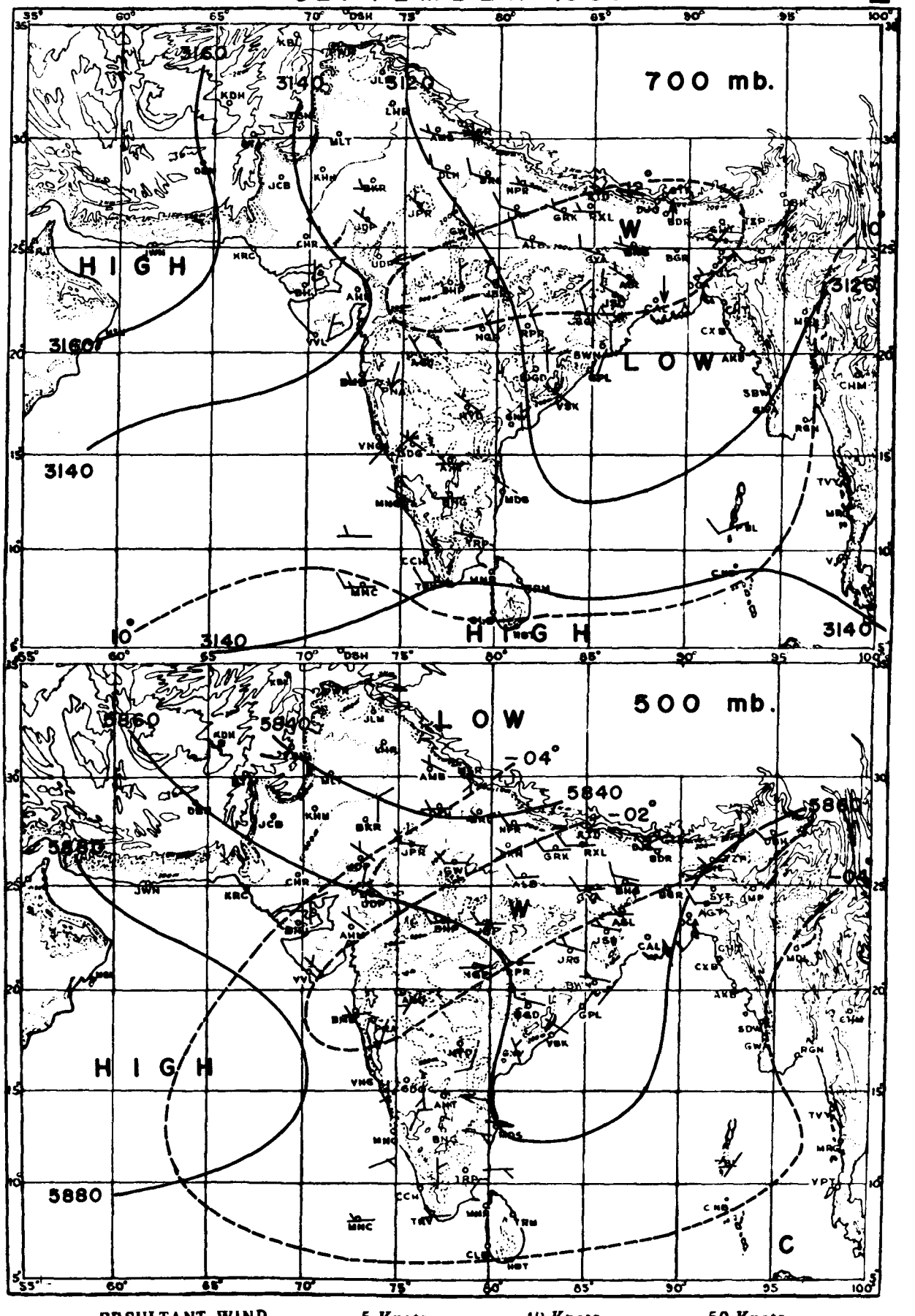
| STANDARD PRESSURE SURFACE MB | VISAKHAPATNAM SURFACE PR ( 999 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00041 | 302.5 | 305 | 298 | 298.2 | | | | | | | | | | | | |
| 1000 | 30 | 00032 | 302.7 | 305 | 299 | 298.1 | | | | | | | | | | | | |
| 900 | 30 | 00965 | 296.7 | 300 | 293 | 291.3 | | | | | | | | | | | | |
| 850 | 30 | 01463 | 293.8 | 297 | 291 | 288.3 | | | | | | | | | | | | |
| 800 | 30 | 01985 | 290.4 | 293 | 287 | 284.9 | | | | | | | | | | | | |
| 700 | 30 | 03115 | 284.2 | 287 | 281 | 278.4 | | | | | | | | | | | | |
| 600 | 30 | 04389 | 277.6 | 281 | 275 | 271.7 | | | | | | | | | | | | |
| 500 | 30 | 05856 | 270.0 | 273 | 266 | | | | | | | | | | | | | |
| 400 | 30 | 07589 | 259.7 | 263 | 255 | | | | | | | | | | | | | |
| 300 | 30 | 09721 | 244.2 | 251 | 237 | | | | | | | | | | | | | |
| 250 | 30 | 11003 | 235.1 | 239 | 228 | | | | | | | | | | | | | |
| 200 | 30 | 12500 | 223.0 | 229 | 217 | | | | | | | | | | | | | |
| 175 | 28 | 13354 | 216.9 | 223 | 211 | | | | | | | | | | | | | |
| 150 | 28 | 14332 | 210.0 | 216 | 203 | | | | | | | | | | | | | |
| 125 | 23 | 15427 | 205.0 | 210 | 196 | | | | | | | | | | | | | |
| 100 | 22 | 16776 | 201.5 | 208 | 194 | | | | | | | | | | | | | |
| 80 | 18 | 18130 | 205.3 | 212 | 199 | | | | | | | | | | | | | |
| 70 | 17 | 18941 | 208.6 | 217 | 200 | | | | | | | | | | | | | |
| 60 | 16 | 19890 | 212.3 | 220 | 203 | | | | | | | | | | | | | |
| 50 | 14 | 20987 | 215.5 | 224 | 206 | | | | | | | | | | | | | |
| 40 | 06 | 22428 | 217.8 | 223 | 209 | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

*I. Met. D.* **SEPTEMBER 1966** *Plate* I




RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ——— Contours in geopotential metres.




RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ——— Contours in geopotential metres.

QC
990
I39
I52
1966

GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## OCTOBER-1966

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# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## OCTOBER

MONTHLY WEATHER REPORT

FOR

OCTOBER - 1966

C O N T E N T S


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* * * *

MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES

II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| // | Data for less than 15 days, hence no means published. |
| ds | Days. |
| @ | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

# OCTOBER

Published by authority of the Government of India

**Chief features :-**

i) Further withdrawal of the monsoon from the country outside the south Peninsula by 9th.

ii) Spells of heavy rains in the south Peninsula.

iii) Intensification into a cyclonic storm of the last month's depression in the Arabian Sea, and formation and movement of two other depressions.

iv) Movement of five western disturbances across northwest India causing excess precipitation over Jammu and Kashmir.

The severe cyclonic storm which was lying over the northwest Bay of Bengal on 30th September moved northeastwards and crossed the East Pakistan coast near Long. 90°E by the morning of 1st October. Weakening rapidly, it broke up against the Assam hills by the next day. Under its influence, there was well distributed rainfall over northeast India with a few heavy falls in Assam. Sagar Island recorded 11 cm. of rain on 1st, Shillong 13 cm., Kohima 12 cm., Silchar 11 cm. and Pasighat 10 cm. on 2nd and Tura 11 cm. on 3rd. According to press reports, the coastal districts of East Pakistan and the off shore islands suffered severe damage to property and loss of life due to the cyclone and the associated tidal waves. Unofficial reports put the cyclone death roll at more than one thousand.

The depression in the Arabian Sea lying off the Mysore and north Kerala coasts on 30th September intensified into a cyclonic storm by the morning of 1st October with centre about 200 kms. west of Mangalore. Moving in a northerly direction it weakened into a depression by 3rd morning when it was centred about 100 kms. west of Honavar. Thereafter,it moved northwestwards and weakened further into a low pressure area over the east central Arabian Sea by 5th. It finally moved away westnorthwestwards. Under its influence, there was good rainfall over the southwestern parts of the Peninsula during the first five days of the month. Alleppey recorded 8 cm of rain on 3rd.

The monsoon withdrew in stages from the remaining parts of north and central India and from the north Peninsula by 9th and was later confined to the south Peninsula.

The rainfall activity over the south Peninsula continued to be good for the rest of the month when a series of low pressure systems moved westwards across the area. An upper air cyclonic circulation developed over the Madras State and adjoining Bay of Bengal on 6th. It moved away slowly westwards across the Laccadive area by 10th. Some of the heavy rainfalls recorded during this spell were: Madras 11 cm. and Punalur 8 cm. on 6th, Vedaranniyam 9 cm., Fort Cochin and Alleppey 8 cm. each and Amini and Atirampattinam 7 cm. each on 7th, Tondi 7 cm. on 8th and Pamban 7 cm. on 9th.

A low pressure area moving from the east became well marked on 9th over the southeast Bay of Bengal and adjoining central Bay. Moving slightly westwards,it concentrated into a depression by the morning of 11th with centre near Lat. 12.0°N and Long. 86.0°E. Taking a northwesterly course, it lay centred about 250 kms. southeast of Kakinada on the evening of 12th. Later, it weakened into a low pressure area. The system persisted as an extended upper air trough over Andhra Pradesh and neighbourhood on 13th and 14th. The southern end of the trough got accentuated and an upper air cyclonic circulation developed over the south Peninsula on 15th. It moved away westwards across the Laccadive area by 18th. In association with these developments, there was good rainfall over the south Peninsula. The rainfall belt also extended to the northeastern parts of the Peninsula and northeast India on a few days. Some of the heavy rainfalls recorded were Trivandrum 16 cm. on 12th, Kalingapatam 10 cm. on 13th and Salem 14 cm. and Hassan 13 cm. on 15th.

Another low pressure area moving from the east became well marked over the southwest Bay

of Bengal on 18th. It moved across the extreme south Peninsula the next day and emerged into the Arabian Sea by 20th. Later it moved slowly northwestwards and intensified into a depression by the morning of 22nd with centre near Lat. 12°N and Long. 70°E. Thereafter, it took a westerly course and weakened over the extreme west Arabian Sea by 25th. In association with it there was heavy rainfall over the south Peninsula. Some of the noteworthy amounts of rainfall recorded were : Atirampattinam and Tondi 12 cm. each on 18th, Tiruchchirappalli 16 cm., Cuddalore 11 cm. and Nagapattinam 10 cm. on 19th and Cuddalore 13 cm. and Minicoy 9 cm. on 20th.

Two spells of rainfall occurred in the south Peninsula during the last week. The first spell occurred when an upper air low moved westwards across the extreme south Peninsula during the period 24th - 25th. Calicut recorded 10 cm. of rain and Punalur 8 cm. on 24th. The second spell occurred in association with a low pressure wave which was over the south Andaman Sea on 26th and moved westwards across the Comorin area and adjoining south Peninsula on the last day of the month. Nancowry recorded 17 cm. of rain on 26th and Punalur 5 cm. on 30th.

Although five western disturbances affected NW India, the precipitation over northwest India during the month was in defect except over Jammu and Kashmir where it was in excess. The first western disturbance moved eastwards from the Punjab across the Western Himalayas during the period 5th - 6th causing isolated showers over northwest India. The next disturbance moved into the Punjab on 11th, persisted there the next day and moved away eastwards across the Western Himalayas by 13th. Under its influence, there was good precipitation over the Western Himalayas. Srinagar recorded 7 cm. of rain on 11th. The third western disturbance affected many parts of north India during the third week. It appeared over the northern divisions of West Pakistan on 19th. Moving eastwards across the Punjab and Uttar Pradesh, it weakened over Bihar State by 23rd. In association with it, there was good rainfall over the Western Himalayas. Scattered or isolated light rain also occurred over many parts of north India as the disturbance moved eastwards. The fourth western disturbance lying over Afghanistan on 25th moved eastwards across the northern divisions of West Pakistan on 26th and passed across the Western Himalayas by the next day. The last western disturbance of the month also moved from Afghanistan across the extreme north of the country during the period 28th - 30th. In association with them, isolated precipitation occurred over Jammu and Kashmir.

Night temperatures were below normal over northeast India during the first eleven days of the month and again during the last week. They were also below normal over northwest India on a few days during the first fortnight and over the south Peninsula during the last week. They remained above normal over northwest India during the second half of the month. They were also above normal over Gujarat State and central parts of the country from 6th to 9th and again during the period 20th to 24th.

Day temperatures remained above normal almost throughout the month over the country outside the extreme northwestern and northeastern parts of the country and the south Peninsula, being appreciably to markedly so over the central parts of the country on a number of days. Even over northwest India, day temperatures were above normal during the first and third weeks and over northeast India during the last week. They became below normal over the south Peninsula from 4th to 15th and again from 18th to 24th.

The total rainfall for the month was in large excess in Jammu and Kashmir, Madras and the Arabian Sea Islands and in slight excess in South Assam, Coastal Mysore and Kerala. It was in slight defect in South Interior Mysore, in moderate defect in Bay Islands, North Assam, Gangetic West Bengal, Orissa, Bihar Plateau, Telangana, Rayalaseema and North Interior Mysore and was in large defect over the rest of the country. There was no rain in Gujarat region.

The mean maximum temperature was above normal in Orissa, Bihar Plateau, Uttar Pradesh, Rajasthan, Madhya Pradesh, Gujarat, Saurashtra & Kutch, Konkan, Madhya Maharashtra, Marathwada, Vidarbha, Telangana and Interior North Mysore. It was below normal in South Assam, Jammu and Kashmir and Madras and normal over rest of the country.

The mean minimum temperature was below normal in Assam, Sub-Himalayan West Bengal, Gangetic West Bengal, Orissa, Bihar, Uttar Pradesh, Himachal Pradesh and Rayalaseema. It was normal over the rest of the country.

The Relative Humidity in the morning was below normal in Bihar Plateau, Uttar Pradesh, East Rajasthan, Madhya Pradesh, Gujarat, Madhya Maharashtra, Marathwada and Vidarbha. It was normal over the remaining parts of the country.

The Relative Humidity in the evening was below normal in Orissa, Bihar, East Uttar Pradesh, Himachal Pradesh, East Rajasthan, Madhya Pradesh, Gujarat, Madhya Maharashtra, Marathwada, Vidarbha, Telangana and North Interior Mysore. It was normal over the remaining parts of the country, except in Jammu and Kashmir, where it was above normal.

The mean cloud amount in the morning was above normal in Punjab and Jammu and Kashmir, and normal in the Bay Islands, South Assam, Konkan, Rayalaseema, Madras State, Coastal Mysore, Interior Mysore, Kerala and the Arabian Sea Islands. It was below normal over the rest of the country.

The mean cloud amount in the evening was above normal in Punjab and Jammu and Kashmir and normal in the Bay Islands, West Uttar Pradesh, Konkan, Madhya Maharashtra, Marathwada, Rayalaseema, Madras, Mysore, Kerala and the Arabian Sea Islands. It was below normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona - 5.
28th February 1967.

R. ANANTHAKRISHNAN
for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8. | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 127.5 | 79 | 29.4 | 19.6 | 81 | 77 | 3.5 | 2.9 |
| | - 34.3 | | -0.6 | -1.7 | - 1 | - 4 | -1.1 | -1.0 |
| 2.WEST BENGAL . . . | 84.3 | 61 | 31.3 | 21.5 | 77 | 73 | 2.6 | 2.5 |
| | - 53.7 | | +0.2 | -1.4 | - 0 | - 2 | -0.8 | -1.2 |
| 3.ORISSA . . . . . | 86.5 | 59 | 32.2 | 21.0 | 76 | 66 | 2.6 | 2.9 |
| | - 59.9 | | +1.4 | -1.6 | - 3 | - 7 | -1.5 | -1.9 |
| 4.BIHAR . . . . . | 33.9 | 46 | 32.4 | 20.0 | 70 | 60 | 1.7 | 1.7 |
| | - 39.1 | | +1.4 | -1.4 | - 4 | - 8 | -1.2 | -1.3 |
| 5.UTTAR PRADESH . . | 17.4 | 28 | 33.5 | 17.9 | 63 | 48 | 0.7 | 0.9 |
| | - 44.1 | | +1.8 | -1.4 | - 9 | -10 | -0.9 | -0.9 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) . | 17.0 | 39 | 32.3 | 16.6 | 65 | 44 | 1.2 | 1.2 |
| | - 26.6 | | +0.2 | -0.1 | - 3 | - 3 | +0.1 | +0.1 |
| 7.JAMMU AND KASHMIR | 71.5 | 331 | 25.0 | 12.2 | 75 | 65 | 3.0 | 4.5 |
| | + 49.9 | | -2.0 | -0.4 | + 5 | +14 | +1.5 | +1.9 |
| 8.RAJASTHAN . . | 2.0 | 10 | 36.4 | 19.4 | 50 | 29 | 0.5 | 0.9 |
| | - 17.9 | | +2.4 | +0.6 | -10 | -10 | -0.6 | -0.6 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 10.2 | 21 | 34.5 | 18.4 | 53 | 35 | 1.3 | 1.9 |
| | - 38.0 | | +3.3 | -0.4 | -16 | -17 | -1.2 | -1.2 |
| 10.GUJARAT STATE . . | 0.3 | 1 | 37.2 | 22.3 | 63 | 39 | 1.2 | 1.1 |
| | - 30.1 | | +3.0 | +0.9 | - 7 | - 6 | -0.6 | -0.9 |
| 11.MAHARASHTRA STATE | 17.3 | 22 | 34.2 | 21.2 | 62 | 42 | 2.6 | 3.5 |
| | - 62.5 | | +2.6 | +0.0 | -11 | -15 | -0.9 | -0.6 |
| 12.ANDHRA PRADESH . | 69.2 | 49 | 32.3 | 22.4 | 77 | 61 | 3.5 | 3.9 |
| | - 72.7 | | +0.9 | -0.7 | - 1 | - 5 | -1.1 | -1.5 |
| 13.MADRAS STATE . . | 293.0 | 153 | 30.6 | 22.9 | 83 | 73 | 5.7 | 5.8 |
| | +101.4 | | -1.2 | -0.8 | + 5 | + 4 | +0.5 | +0.1 |
| 14.MYSORE . . . . . | 122.3 | 86 | 30.0 | 20.4 | 79 | 60 | 4.8 | 5.3 |
| | - 20.1 | | +0.5 | -0.2 | - 2 | - 5 | -0.3 | -0.3 |
| 15.KERALA . . . . | 357.9 | 124 | 30.6 | 23.1 | 86 | 79 | 5.8 | 6.6 |
| | + 69.2 | | +0.5 | -0.4 | + 1 | + 0 | +0.2 | +0.2 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 201.3 | 61 | 29.9 | 23.2 | 82 | 87 | 5.2 | 5.2 |
| | -130.2 | | +0.6 | -0.7 | - 1 | - 2 | -0.8 | -0.5 |
| 2.NORTH ASSAM . (INCLUDING NEFA) | 78.3 | 55 | 29.7 | 19.8 | 81 | 77 | 3.4 | 2.7 |
| | - 63.5 | | -0.3 | -1.8 | - 2 | - 5 | -1.3 | -1.1 |
| 3.SOUTH ASSAM (INC LUDING N.LANDETC) | 247.2 | 117 | 28.5 | 19.2 | 82 | 79 | 3.9 | 3.2 |
| | + 36.7 | | -1.2 | -1.6 | - 1 | - 2 | -0.7 | -0.9 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 56.1 | 36 | 30.4 | 19.9 | 76 | 75 | 2.8 | 2.1 |
| | - 99.9 | | -0.2 | -1.8 | - 3 | - 2 | -0.7 | -1.0 |
| 5.GANGETIC,WEST-BENGAL. | 93.7 | 71 | 31.7 | 22.1 | 78 | 73 | 2.5 | 2.6 |
| | - 38.3 | | +0.3 | -1.3 | + 0 | - 2 | -0.9 | -1.3 |
| 6.ORISSA . | 86.5 | 59 | 32.2 | 21.0 | 76 | 66 | 2.6 | 2.9 |
| | - 59.9 | | +1.4 | -1.6 | - 3 | - 7 | -1.5 | -1.9 |
| 7.BIHAR PLATEAU. . | 55.8 | 65 | 32.1 | 19.3 | 68 | 57 | 1.5 | 2.1 |
| | - 29.5 | | +2.0 | -1.4 | - 6 | -10 | -1.9 | -1.7 |
| 8.BIHAR PLAINS. . | 19.9 | 31 | 32.6 | 20.5 | 72 | 63 | 1.9 | 1.4 |
| | - 45.2 | | +1.0 | -1.4 | - 3 | - 7 | -0.7 | -1.1 |
| 9.UTTAR PRADESH, (EAST). | 18.1 | 26 | 34.3 | 18.7 | 64 | 49 | 0.5 | 0.6 |
| | - 50.6 | | +2.1 | -1.7 | -10 | -13 | -1.3 | -1.3 |
| 10.UTTAR PRADESH, (WEST). | 16.3 | 32 | 32.4 | 16.9 | 61 | 46 | 0.9 | 1.3 |
| | - 34.0 | | +1.5 | -0.9 | - 8 | - 5 | -0.4 | -0.1 |
| 11.PUNJAB(INCLUDING DELHI). | 13.9 | 38 | 32.8 | 17.3 | 62 | 42 | 1.2 | 1.2 |
| | - 23.0 | | +0.1 | +0.1 | - 2 | - 2 | +0.3 | +0.3 |
| 12.HIMACHAL PRADESH | 34.4 | 43 | 29.6 | 13.1 | 82 | 50 | 1.4 | 1.4 |
| | - 46.3 | | +0.7 | -1.1 | - 5 | - 8 | -1.1 | -0.8 |
| 13.JAMMU AND KASH-MIR. | 71.5 | 331 | 25.0 | 12.2 | 75 | 65 | 3.0 | 4.5 |
| | + 49.9 | | -2.0 | -0.4 | + 5 | +14 | +1.5 | +1.9 |
| 14.RAJASTHAN(WEST). | 3.0 | 38 | 36.7 | 20.2 | 52 | 32 | 0.4 | 0.8 |
| | - 4.9 | | +1.7 | +0.8 | - 4 | - 2 | -0.4 | -0.3 |
| 15.RAJASTHAN(EAST). | 1.2 | 4 | 36.1 | 18.8 | 49 | 26 | 0.6 | 0.9 |
| | - 28.6 | | +3.0 | +0.4 | -14 | -16 | -0.7 | -0.8 |
| 16.MADHYA PRADESH (WEST). | 2.3 | 6 | 35.3 | 18.1 | 47 | 29 | 1.1 | 1.7 |
| | - 36.3 | | +3.6 | -0.1 | -17 | -17 | -1.1 | -1.0 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . (EAST). | 20.9 | 34 | 33.5 | 18.8 | 61 | 43 | 1.7 | 2.0 |
| | - 40.1 | | +2.9 | -0.7 | -14 | -17 | -1.3 | -1.5 |
| 18.GUJARAT REGION . | 0.0 | 0 | 38.2 | 21.6 | 56 | 31 | 0.9 | 0.7 |
| | - 28.8 | | +3.3 | +0.9 | -10 | -10 | -0.9 | -1.2 |
| 19.SAURASHTRA KUTCH. (INCLUDING DIU) . | 0.6 | 2 | 36.5 | 22.8 | 67 | 44 | 1.4 | 1.5 |
| | - 30.9 | | +2.8 | +0.9 | - 5 | - 3 | -0.4 | -0.7 |
| 20.KONKAN (INCLUDING GOA) . | 45.2 | 42 | 32.8 | 24.1 | 78 | 71 | 3.6 | 4.0 |
| | - 61.8 | | +1.8 | +0.4 | - 2 | - 4 | -0.5 | -0.3 |
| 21.MADHYAMAHARASHTRA | 11.3 | 13 | 35.0 | 19.7 | 58 | 31 | 2.5 | 3.6 |
| | - 74.8 | | +3.0 | -0.1 | -13 | -17 | -0.7 | -0.4 |
| 22.MARATHWADA. . | 1.2 | 2 | 34.7 | 18.3 | 45 | 24 | 2.1 | 3.5 |
| | - 50.2 | | +3.1 | -0.7 | -19 | -23 | -0.9 | -0.6 |
| 23.VIDARBHA. . | 5.4 | 9 | 34.5 | 20.8 | 58 | 35 | 2.0 | 2.9 |
| | - 52.0 | | +2.9 | +0.0 | -14 | -19 | -1.4 | -0.9 |
| 24.COASTAL ANDHRA PRADESH. . | 80.7 | 40 | 32.1 | 23.6 | 79 | 69 | 3.6 | 3.9 |
| | -120.9 | | +0.7 | -0.7 | - 1 | - 4 | -1.2 | -1.6 |
| 25.TELANGANA. . | 61.3 | 73 | 32.8 | 21.5 | 75 | 51 | 2.8 | 3.0 |
| | - 22.5 | | +1.3 | -0.3 | - 1 | - 9 | -1.3 | -1.8 |
| 26.RAYALASEEMA. . | 57.5 | 53 | 31.5 | 21.1 | 75 | 58 | 4.6 | 5.2 |
| | - 52.0 | | +0.4 | -1.1 | - 0 | - 3 | -0.4 | -0.6 |
| 27.MADRAS STATE. . | 293.0 | 153 | 30.6 | 22.9 | 83 | 73 | 5.7 | 5.8 |
| | +101.4 | | -1.2 | -0.8 | + 5 | + 4 | +0.5 | +0.1 |
| 28.COASTAL MYSORE . | 204.7 | 116 | 30.8 | 23.3 | 85 | 77 | 5.5 | 5.7 |
| | + 28.1 | | +0.6 | -0.1 | - 2 | - 3 | +0.1 | -0.2 |
| 29.INTERIOR MYSORE. (NORTH). . | 55.9 | 55 | 31.7 | 20.3 | 72 | 46 | 4.1 | 5.1 |
| | - 45.3 | | +1.4 | +0.2 | - 2 | -11 | -0.2 | +0.0 |
| 30.INTERIOR MYSORE. (SOUTH). . | 130.9 | 84 | 28.4 | 19.1 | 81 | 62 | 5.1 | 5.2 |
| | - 25.3 | | -0.2 | -0.6 | - 2 | - 1 | -0.6 | -0.7 |
| 31.KERALA. . | 357.9 | 124 | 30.6 | 23.1 | 86 | 79 | 5.8 | 6.6 |
| | + 69.2 | | +0.5 | -0.4 | + 1 | + 0 | +0.2 | +0.2 |
| 32.ARABIANSEAISLANDS . | 308.4 | 193 | 30.1 | 24.5 | 78 | 77 | 5.5 | 5.8 |
| | +148.3 | | +0.1 | -0.4 | - 2 | - 1 | +0.3 | +0.2 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 30.2 | +1.3 | 32.2 | 27 | 24.2 | +0.2 | 22.7 | 06 | 72.6 | 107.6 | -206.0 | 27.8 | 04 | 12 | - 4.9 | 9.6 | 6.3 | -1.0 | 0 | 14 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Long Island | 30.0 | -0.1 | 30.9 | 27 | 21.8 | -2.1 | 20.2 | 29 | 71.2 | 124.6 | -208.3 | 21.2 | 22 | 11 | - 4.9 | 4.1 | 2.3 | +0.6 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Blair | 30.3 | +1.3 | 32.3 | 31 | 22.9 | -0.7 | 21.6 | 23 | 130.3 | 174.1 | -142.4 | 57.8 | 08 | 9 | - 6.5 | 6.5 | 5.0 | -5.7 | 0 | 15 | 0 | 0 | 6 | 11 | 0 | 0 | 0 | 0 |
| Car Nicobar | 30.3 | +0.7 | 31.2 | 03 | 22.4 | -0.9 | 20.9 | 28 | 171.6 | 258.7 | - 64.5 | 51.2 | 08 | 12 | - 3.6 | 4.5 | 2.4 | -0.5 | 0 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 29.7 | 0.0 | 32.0 | 21 | 24.5 | +0.3 | 23.4 | 04 | 84.8 | 220.0 | -110.9 | 101.4 | 26 | 14 | - 2.9 | 4.9 | 3.7 | -1.9 | 1 | 18 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 28.6 | +0.1 | 30.7 | 02 | 23.3 | -0.7 | 22.1 | 05 | 217.2 | 322.7 | - 49.0 | 75.4 | 13 | 13 | - 4.6 | 4.8 | 2.9 | -0.6 | 0 | 21 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 28.9 | -0.1 | 32.8 | 12 | 17.7 | -3.2 | 15.0 | 19 | 29.4 | 118.4 | -124.5 | 102.4 | 02 | 3 | - 5.6 | 7.7 | 12.5 | +3.9 | 1 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 29.0 | +0.2 | 32.1 | 12 | 19.0 | -1.7 | 15.7 | 30 | 30.8 | 78.7 | -135.4 | 49.8 | 02 | 6 | - 4.2 | 4.3 | 2.5 | -0.2 | 0 | 8 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Digboi | 29.0 | -0.1 | 31.5 | 11 | 18.7 | -2.3 | 17.4 | 18 | 33.2 | 84.6 | - 77.7 | 48.0 | 02 | 4 | - 8.0 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| North Lakhimpur | 29.4 | +0.1 | 32.5 | 12 | 18.0 | -2.6 | 14.7 | 31 | 35.8 | 114.1 | -114.6 | 72.1 | 02 | 5 | - 5.9 | 5.3 | 3.3 | .. | 3 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Sibsagar | 29.6 | -0.1 | 32.1 | 11 | 19.9 | -1.9 | 0.0 | 00 | 26.4 | 60.5 | - 68.3 | 39.5 | 02 | 3 | - 5.2 | 4.6 | 3.5 | +0.3 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Gohpur | 29.2 | -1.7 | 52.1 | 12 | 18.4 | -2.5 | 14.8 | 31 | 12.2 | 69.8 | - 55.4 | 31.7 | 02 | 6 | + 2.0 | 3.9 | 2.6 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 30.0[1] | .. | .. | .. | 18.7[1] | .. | .. | .. | 23.0[1] | 53.6[1] | .. | .. | .. | .. | .. | 5.4[1] | 3.2[1] | +0.1 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 29.5 | .. | 32.0 | 14 | 20.0 | .. | 16.9 | 19 | 56.7 | 113.1 | .. | 46.1 | 02 | 4 | .. | .. | .. | .. | 0 | 7 | 0 | 0 | 3 | 11 | 0 | 0 | 0 | 0 |
| Tangla | 30.5 | -0.1 | 33.2 | 12 | 22.0 | +1.1 | 17.2 | 28 | 30.4 | 57.6 | - 24.8 | 40.2 | 02 | 4 | - 0.2 | 2.2 | 1.8 | +0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 30.2 | 0.0 | 32.7 | 12 | 20.5 | -1.3 | 18.0 | 31 | 18.9 | 71.5 | - 37.0 | 48.2 | 02 | 3 | - 3.4 | 5.5 | 4.1 | +2.2 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 29.7 | -0.3 | 32.1 | 14 | 18.1 | -3.8 | 15.4 | 04 | 12.6[f] | 71.2 | - 43.2 | 46.2 | 02 | 4 | - 3.1 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rahgia | 30.5 | -0.7 | 32.4 | 18 | 19.9 | -2.0 | 17.0 | 29 | 9.4 | 112.5 | + 13.3 | 72.2 | 06 | 4 | - 1.5 | 5.9 | 4.0 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 30.6 | -0.7 | 32.2 | 12 | 22.0 | -0.8 | 19.3 | 02 | 0.0 | 100.0 | + 16.8 | 52.0 | 02 | 3 | - 4.1 | 4.3[e] | 4.3[f] | .. | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Goalpara | 31.0 | -0.4 | 33.1 | 12 | 21.1 | -0.8 | 18.9 | 31 | 14.2 | 46.4 | -106.7 | 29.6 | 02 | 4 | - 1.2 | 3.8 | 2.2 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 29.5 | -0.6 | 31.3 | 12 | 20.6 | -1.5 | 18.0 | 28 | 7.6 | 32.9 | - 46.2 | 18.5 | 02 | 3 | - 2.8 | 5.7 | 3.3 | .. | 2 | 4 | 0 | 0 | 4 | 3 | 0 | 0 | 0 | 0 |
| Dhubri (Rupsi) | 30.1 | -0.2 | 31.8 | 12 | 20.0 | -1.2 | 17.7 | 29 | 33.4 | 82.0 | -136.5 | 29.8 | 04 | 4 | - 1.8 | 7.4 | 6.1 | +2.8 | 1 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Dhubri | 29.0 | -0.1 | 31.5 | 15 | 20.9 | -2.1 | 18.0 | 02 | 19.4 | 65.0 | - 81.8 | 34.0 | 03 | 4 | - 1.4 | 6.8 | 9.9 | +4.9 | 0 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 29.6 | -0.6 | 32.0 | 09 | 19.3 | -2.0 | 16.6 | 30 | 25.6 | 112.2 | + 6.8 | 44.0 | 02 | 6 | - 0.2 | 3.5 | 2.3 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 28.2 | -0.7 | 30.4 | 12 | 19.5 | -0.8 | 17.1 | 04 | 103.4 | 244.3 | - 4.7 | 112.1 | 03 | 9 | - 1.1 | 4.7 | 5.3 | +0.7 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 23.8 | -3.1 | 25.6 | 11 | 18.5 | -0.7 | 16.3 | 04 | 145.2 | 393.7 | +150.3 | 203.9 | 02 | 8 | - 1.0 | .. | .. | .. | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 30.0 | -1.4 | 34.0 | 12 | 20.3 | -1.5 | 18.0 | 28 | 30.0 | 258.8 | + 33.7 | 86.1 | 02 | 7 | - 3.2 | 5.6 | 7.1 | +1.8 | 1 | 9 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Silchar | 30.2 | -0.9 | 34.0 | 12 | 19.4 | -3.3 | 17.7 | 30 | 34.8 | 266.0 | + 68.4 | 106.4 | 02 | 7 | - 1.6 | 2.1 | 1.1 | -0.3 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 26.8 | -0.8 | 29.4 | 10 | 15.9 | -1.4 | 11.1 | 27 | 37.6 | 176.5 | + 60.0 | 78.9 | 02 | 7 | - 0.7 | 3.6 | 2.1 | -1.8 | 1 | 9 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Kailashahar | 30.6 | -0.5 | 35.0 | 10 | 20.8 | -1.5 | 18.9 | 30 | 83.5 | 191.3 | - 73.8 | 61.8 | 02 | 6 | - 4.0 | 3.6 | 2.5 | +0.3 | 0 | 9 | 0 | 0 | 1 | 15 | 0 | 0 | 0 | 0 |
| Agartala | 29.9 | -1.0 | 33.0 | 11 | 20.2 | -2.0 | 16.9 | 31 | 103.7 | 199.5 | + 23.1 | 44.6 | 01 | 9 | + 1.0 | 5.4 | 3.2 | -1.7 | 0 | 9 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 31.2 | +0.7 | 34.4 | 12 | 18.2 | -2.3 | 14.0 | 28 | 17.0 | 40.5 | -121.0 | 17.6 | 19 | 3 | - 3.7 | 9.7 | 7.8 | +4.3 | 1 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 30.1 | +0.1 | 32.7 | 12 | 20.2 | -1.2 | 17.8 | 29 | 37.6 | 66.0 | - 84.1 | 36.0 | 24 | 6 | + 0.1 | 5.7 | 5.1 | +0.8 | 0 | 7 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 |
| Cooch Behar | 29.6 | -1.4 | 31.7 | 11 | 19.3 | -2.8 | 16.6 | 30 | 22.8 | 76.6 | -114.7 | 31.6 | 02 | 6 | - 0.1 | 5.1 | 3.1 | 0.0 | 0 | 7 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| Balurghat | 31.0 | .. | 33.4 | 30 | 21.2 | .. | 18.2 | 30 | 55.6 | 140.6 | .. | 63.4 | 03 | 7 | .. | 3.5 | 2.8 | .. | 1 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Malda | 30.8 | -0.1 | 32.5 | 24 | 21.8 | -1.0 | 17.7 | 29 | 17.4 | 41.3 | - 79.6 | 15.0 | 21 | 5 | + 0.5 | 2.8 | 1.7 | -3.0 | 0 | 5 | 0 | 0 | 4 | 0 | 1 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 32.0 | -0.2 | 35.4 | 07 | 22.1 | -1.2 | 18.3 | 30 | 53.2 | 67.2 | - 43.5 | 29.0 | 13 | 5 | + 0.2 | 2.6 | 1.6 | -0.4 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Suri | 31.2 | +0.3 | 33.7 | 25 | 21.9 | -0.7 | 17.6 | 30 | .. | 30.6 | -121.2 | 13.6 | 13 | 3 | - 4.0 | . | 4.5 | -1.0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 32.8 | +1.4 | 35.0 | 04 | 21.1 | -1.1 | 15.2 | 30 | 40.9 | 55.0 | - 54.0 | 21.9 | 13 | 5 | - 0.3 | 6.2 | 4.3 | -0.5 | 1 | 7 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 30.9 | .. | 33.2 | 25 | 22.0 | .. | 18.0 | 30 | 16.1 | 20.9 | .. | 11.9 | 07 | 3 | .. | 1.5 | 1.4 | .. | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Krishnanagar | 32.1 | -0.5 | 34.3 | 24 | 20.1 | -2.9 | 16.5 | 30 | 86.5 | 115.5 | - 7.2 | 42.0 | 21 | 7 | + 1.5 | 1.0 | 1.1 | -1.9 | 0 | 8 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 32.2 | +1.3 | 35.5 | 04 | 20.9 | -1.3 | 16.6 | 27 | 33.1 | 40.5 | - 33.4 | 16.8 | 04 | 3 | - 1.4 | 5.2 | 4.0 | +0.3 | 0 | 5 | 0 | 0 | 5 | 0 | 1 | 0 | 0 | 0 |
| Bankura | 33.1 | .. | 35.5 | 25 | 21.0 | .. | 16.6 | 27 | 37.2 | 51.4 | - 37.0 | 19.6 | 14 | 4 | - 0.7 | 6.5 | 3.6 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Burdwan | 32.2 | +0.8 | 34.0 | 25 | 26.4 | +2.7 | 19.9 | 31 | 32.4 | 65.8 | - 28.7 | 32.7 | 14 | 5 | + 0.2 | 6.9 | 5.5 | +1.5 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barrackpore (Aerodrome) | Observatory closed from 10.10.1966. | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Calcutta (Dum Dum) | 31.1 | -0.3 | 33.8 | 25 | 22.7 | -0.9 | 19.3 | 30 | 35.9 | 74.5 | - 64.4 | 28.9 | 14 | 8 | + 1.1 | 7.3 | 4.8 | -0.2 | 1 | 10 | 0 | 0 | 6 | 6 | 0 | 0 | 0 | 0 |
| Calcutta | 32.0 | +0.2 | 34.3 | 09 | 21.4 | -2.5 | 17.8 | 27 | 27.9 | 79.8 | - 47.5 | 27.1 | 14 | 5 | - 1.7 | 6.7 | 4.5 | +1.4 | 1 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Midnapore | 31.5 | +0.1 | 33.6 | 25 | 20.3 | -2.7 | 15.5 | 27 | 58.8 | 120.6 | + 6.3 | 57.0 | 14 | 5 | - 0.8 | 4.4 | 3.1 | -0.2 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Contai | 31.2 | +0.1 | 32.8 | 10 | 21.9 | -2.8 | 18.9 | 27 | 64.0 | 151.2 | - 87.6 | 65.0 | 15 | 6 | - 2.7 | 6.6 | 5.2 | +0.6 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar Island | 29.9 | -0.1 | 31.4 | 17 | 24.7 | -0.4 | 21.7 | 27 | 78.0 | 272.7 | + 58.8 | 106.8 | 01 | 6 | - 1.9 | 11.9 | 11.8 | -0.1 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Sandheads | 31.3 | .. | 34.5 | 09 | 23.7 | .. | 19.0 | 01 | 27.5 | 120.6 | - 11.5 | 38.5 | 01 | 6 | - 0.1 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 32.7 | +0.1 | 35.3 | 25 | 20.7 | -1.6 | 15.2 | 27 | [illegible] | 84.0 | - 94.4 | 21.8 | 15 | 6 | - 3.0 | 3.1 | 2.1 | +0.4 | 0 | 7 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 |
| Jharsuguda | 33.4 | +2.3 | 35.9 | 10 | 20.9 | -0.9 | 15.2 | 27 | [illegible] | 25.2 | - 54.9 | 21.9 | 14 | 1 | - 4.4 | 7.8 | 5.5 | -0.6 | 0 | 3 | 0 | 0 | 3 | 1 | 0 | 0 | 1 | 0 |
| Keonjhargarh | 30.8 | +2.0 | 33.9 | 05 | 12.2 | -9.3 | 7.2 | 30 | [illegible] | 54.9 | - 49.6 | 26.2 | 15 | 3 | - 4.0 | 5.1 | 3.7 | -0.3 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore | 31.4 | +0.6 | 33.7 | 18 | 20.6 | -2.8 | 15.5 | 28 | 60.9 | 147.1 | - 38.1 | 62.7 | 15 | 5 | - 1.8 | 7.8 | 5.9 | +1.5 | 0 | 10 | 0 | 0 | 9 | 0 | 1 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 to 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 33.1 | +1.6 | 35.1 | 05 | 21.0 | -1.0 | 14.8 | 04 | 37.4 | 42.0 | - 15.9 | 32.0 | 15 | 2 | - 1.6 | 2.0[b] | 1.9[d] | -1.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Angul | 33.1 | +2.1 | 35.7 | 08 | 21.5 | -1.0 | 15.6 | 28 | 4.2 | 24.8 | - 79.1 | 22.0 | 15 | 1 | - 5.0 | 7.4 | 5.1 | -0.5 | 0 | 3 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 |
| Chandbali | 31.6 | +0.8 | 33.9 | 06 | 22.7 | -0.9 | 18.0 | 28 | 47.2 | 201.1 | - 9.5 | 50.0 | 12 | 7 | - 1.6 | 4.4 | 3.7 | -2.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 33.5 | +2.5 | 36.6 | 05 | 22.6 | +0.5 | 18.1 | 30 | 10.4 | 27.2 | - 73.5 | 21.2 | 15 | 3 | - 3.0 | 5.0 | 4.6 | -0.7 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Phulbani | 31.0 | .. | 34.0 | 07 | 17.8 | .. | 10.8 | 28 | 6.3 | 37.4 | .. | 18.3 | 15 | 5 | .. | 3.8 | 2.1 | .. | 0 | 5 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Cuttack | 33.4 | +1.4 | 36.4 | 04 | 23.7[c] | 0.0 | 0.0 | 00 | 15.8 | 84.7 | - 57.0 | 29.0 | 15 | 6 | - 0.8 | 2.4 | 1.9 | -2.4 | 0 | 8 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 34.2 | +2.8 | 36.6 | 09 | 21.7 | -0.6 | 15.8 | 30 | 78.4 | 95.2 | + 13.5 | 79.8 | 15 | 2 | - 3.3 | 3.3 | 2.3 | -0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 32.0 | +1.1 | 33.9 | 09 | 22.0 | -1.1 | 16.3 | 27 | 16.6 | 116.5 | -149.3 | 42.0 | 09 | 6 | - 3.7 | 9.0 | 6.9 | -1.6 | 0 | 6 | 0 | 0 | 4 | 5 | 0 | 0 | 0 | 0 |
| Puri | 31.6 | +0.4 | 33.9 | 26 | 23.7 | -1.3 | 19.7 | 28 | 11.2 | 113.2 | - 79.6 | 31.2 | 14 | 6 | - 1.6 | 11.4 | 9.3 | -3.0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 31.6 | +0.5 | 34.0 | 10 | 22.4 | -1.5 | 17.5 | 29 | 22.8 | 121.7 | - 98.8 | 46.9 | 12 | 5 | - 2.0 | 10.7 | 8.4 | -2.1 | 1 | 6 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Koraput | 27.9 | +1.1 | 31.5 | 04 | 17.6 | -0.9 | 12.4 | 30 | 42.6 | 72.8 | - 52.6 | 32.1 | 17 | 5 | - 3.0 | .. | .. | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 32.3 | +0.8 | 36.0 | 26 | 20.6 | -1.0 | 16.0 | 30 | 35.4 | 40.6 | - 63.0 | 19.2 | 13 | 4 | - 0.8 | 5.9 | 3.5 | +0.4 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Daltonganj | 34.9 | +3.7 | 37.8 | 04 | 18.9 | -1.3 | 12.6 | 27 | 0.0 | 0.0 | - 53.3 | 0.0 | .. | 0 | - 3.4 | 1.6 | 1.2 | -2.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 30.9 | +2.4 | 34.0 | 04 | 17.0 | -1.7 | 12.4 | 27 | 0.6 | 2.0 | - 77.5 | 1.4 | 02 | 0 | - 4.9 | 9.0 | 6.7 | +0.4 | 0 | 2 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Dhanbad | 32.1 | +1.5 | 34.8 | 19 | 21.0 | -0.7 | 17.0 | 27 | 0.0 | 2.8 | - 74.5 | 2.8 | 12 | 1 | - 3.8 | 5.3 | 3.7 | -2.5 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 32.2 | +3.7 | 34.2 | 27 | 17.1 | -1.4 | 13.7 | 30 | 39.2 | 58.2 | - 32.2 | 39.2 | 14 | 2 | - 3.0 | 5.5 | 3.6 | +0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 29.8 | +2.2 | 32.6 | 07 | 18.4 | -1.0 | 14.7 | 27 | 11.4 | 16.0 | - 93.3 | 8.0 | 14 | 3 | - 3.0 | 10.1 | 7.6 | -1.1 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur | 32.6 | +1.0 | 35.1 | 24 | 19.9 | -2.3 | 13.7 | 27 | 38.9 | 112.1 | + 37.7 | 27.5 | 14 | 8 | + 3.0 | 6.8 | 5.2 | +1.4 | 0 | 10 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 0 |
| Jamshedpur (P.B.O.) | 32.0 | +1.3 | 34.5 | 03 | 20.5 | -1.4 | 14.2 | 27 | 38.2 | 116.6 | + 21.8 | 26.6 | 14 | 9 | + 3.5 | 5.5 | 3.7 | -0.9 | 0 | 9 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 |
| Chaibasa | 32.1 | +1.1 | 35.0 | 07 | 20.0 | -1.6 | 14.4 | 28 | 26.0 | 154.2 | + 69.1 | 85.0 | 14 | 5 | + 0.4 | 3.5 | 2.2 | +0.2 | 0 | 6 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 31.6 | +0.3 | 33.4 | 14 | 20.0 | -1.1 | 15.8 | 29 | 9.4 | 12.6 | - 63.6 | 9.4 | 04 | 2 | - 0.7 | 4.6 | 2.6 | +0.3 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 30.1 | -2.1 | 32.4 | 17 | 20.2 | -0.5 | 12.5 | 04 | 33.2 | 39.0 | - 42.0 | 29.0 | 04 | 3 | - 1.3 | 5.3 | 3.6 | -0.7 | 0 | 4 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Darbhanga | 31.8 | +0.4 | 33.6 | 17 | 21.4 | -0.9 | 18.4 | 05ds | 22.6 | 22.6 | - 36.1 | 22.6 | 06 | 1 | - 1.4 | 3.5 | 3.4 | +1.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | 31.7 | .. | 33.3 | 17 | 20.0 | .. | 15.4 | 27 | 4.2 | 30.5 | - 27.9 | 23.4 | 05 | 2 | - 0.6 | .. | .. | .. | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 33.7 | .. | 36.0 | 17 | 21.5 | .. | 17.2 | 27 | 0.1 | 20.7 | - 31.3 | 20.6 | 05 | 1 | - 1.5 | 3.6 | 3.6 | .. | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 30.7 | -0.8 | 32.2 | 13 | 19.5 | -2.0 | 16.0 | 28 | 9.6 | 45.4 | - 36.9 | 16.8 | 07 | 4 | + 0.3 | 2.8 | 1.8 | -1.8 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 34.2 | +2.3 | 36.0 | 03 | 21.3 | -1.7 | 18.1 | 27 | 0.0 | 16.0 | - 38.6 | 16.0 | 05 | 1 | - 1.9 | 4.8 | 5.1 | +0.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 33.3 | +2.1 | 35.6 | 18 | 20.5 | -1.2 | 15.2 | 27 | 4.9 | 20.8 | - 36.5 | 15.4 | 05 | 2 | - 1.1 | 6.9 | 4.2 | +0.2 | 0 | 3 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1.1 | - 58.8 | 1.1 | 05 | 0 | - 3.1 | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Bhagalpur | 31.9 | -0.1 | 35.5 | 17 | 22.1 | -1.0 | 19.0 | 29 | 7.2 | 33.1 | - 45.7 | 22.5 | 21 | 2 | - 1.5 | 6.2 | 4.7 | +0.1 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Sabaur | 31.7 | +0.5 | 35.0 | 18 | 19.9 | -2.0 | 15.7 | 29 | 1.4 | 25.6 | - 52.1 | 22.2 | 21 | 1 | - 2.0 | 6.6 | 4.4 | -0.2 | 1 | 3 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Jamui | 34.7 | +3.3 | 36.4 | 18 | 21.0 | -1.1 | 15.8 | 27 | 5.2 | 9.8 | - 66.5 | 5.2 | 21 | 2 | - 2.0 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Debri | 34.1 | +2.3 | 36.2 | 18 | 20.0 | -2.0 | 15.0 | 28 | 0.0 | 0.0 | - 44.2 | 0.0 | .. | 0 | - 2.5 | 5.2 | 3.5 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 34.1 | +2.9 | 36.0 | 04 | 20.1 | -1.6 | 14.0 | 17 | 0.0 | 0.9 | - 53.2 | 0.9 | 02 | 0 | - 3.4 | 7.6 | 5.7 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | . | . |
| Bahraich | 33.5 | +1.4 | 35.4 | 01 | 19.5 | -1.2 | 15.3 | 26 | 11.0 | 40.2 | - 16.4 | 18.4 | 05 | 3 | + 0.7 | 5.1 | 3.7 | 0.0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 31.4 | +0.6 | 33.6 | 13 | 17.4 | -3.9 | 15.0 | 04ds | 13.4 | 29.2 | -109.8 | 11.4 | 05 | 4 | 0.0 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 34.0 | +1.8 | 36.2 | 18 | 19.3 | -0.6 | 14.9 | 26 | 27.8 | 27.8 | - 84.2 | 14.6 | 02 | 2 | - 0.6 | 5.2 | 3.7 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 33.2 | +1.1 | 35.0 | 01 | 18.2 | -1.8 | 13.1 | 26 | 11.8 | 42.4 | - 12.5 | 25.4 | 02 | 3 | + 0.7 | 3.9 | 3.3 | +0.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 33.7 | +0.9 | 36.0 | 01 | 18.2 | -1.6 | 14.7 | 26 | 12.0 | 12.0 | - 23.1 | 10.2 | 02 | 1 | - 0.7 | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 33.7 | +2.0 | 35.8 | 18 | 18.1 | -1.2 | 13.5 | 27 | 30.0 | 30.2 | - 70.2 | 30.2 | 02 | 1 | - 2.4 | 8.2 | 5.8 | +0.1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| Faizabad | 33.8 | +2.5 | 35.3 | 23 | 19.1 | -0.3 | 14.1 | 26 | 9.2 | 22.1 | - 71.3 | 9.2 | 07 | 3 | + 0.2 | 3.5 | 1.8 | -0.4 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gorakhpur | 33.7 | +1.5 | 35.5 | 18 | 20.8 | -0.7 | 16.7 | 26 | 14.0 | 30.0 | - 30.2 | 16.0 | 05 | 2 | - 0.3 | 4.6 | 2.6 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 34.9 | +2.2 | 37.1 | 18 | 19.3 | -0.3 | 14.9 | 27 | 0.0 | 6.6 | - 23.6 | 5.2 | 02 | 1 | - 0.5 | 7.6 | 7.1 | +0.8 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 34.6 | .. | 37.1 | 18 | 19.4 | .. | 14.9 | 26 | 0.0 | 4.5 | .. | 2.5 | 23 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Sultanpur | 35.2 | +3.3 | 39.4 | 25 | 18.9 | -2.0 | 14.7 | 27 | 0.0 | 14.2 | - 85.8 | 14.2 | 02 | 1 | - 2.6 | 3.3 | 2.9 | -0.2 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 33.5 | +0.8 | 36.6 | 17 | 16.0 | -5.0 | 11.2 | 27 | 0.0 | 16.2 | - 34.4 | 9.0 | 02 | 2 | - 0.7 | 4.1 | 2.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 35.9 | +3.1 | 38.2 | 04 | 19.3 | -0.7 | 14.3 | 26 | 0.0 | 0.0 | - 19.4 | 0.0 | .. | 0 | - 1.3 | 6.1 | 3.6 | +1.1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ballia | 33.2 | +0.9 | 34.5 | 09 | 15.1 | -4.8 | 10.6 | 26 | 0.0 | 8.6 | -122.1 | 8.6 | 05 | 1 | - 3.5 | 4.0 | 3.1 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banda | 36.7 | +3.9 | 40.6 | 05 | 19.7 | -0.7 | 15.8 | 28 | 0.0 | 0.0 | - 62.1 | 0.0 | .. | 0 | - 2.6 | 2.7 | 1.1 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 36.3 | +3.7 | 39.4 | 04 | 19.9 | -0.5 | 15.4 | 27 | 0.0 | 21.2 | - 13.1 | 2.2 | 02 | 0 | - 2.0 | 5.4 | 3.6 | -0.9 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 34.9 | +2.7 | 37.0 | 18 | 19.1 | -2.0 | 14.1 | 27 | 0.0 | 4.2 | - 33.4 | 4.2 | 02 | 1 | - 1.2 | 8.4 | 6.7 | +0.4 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 |
| Varanasi | 35.3 | +2.8 | 37.7 | 17 | 19.4 | -1.3 | 14.7 | 27 | 0.0 | 3.0 | - 48.3 | 3.0 | 02 | 1 | - 1.3 | 4.1 | 3.7 | -1.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 20.8 | -0.3 | 23.5 | 13 | 11.0 | -0.8 | 8.8 | 24 | 8.2 | 26.5 | - 76.7 | 6.7 | 01 | 5 | - 0.5 | .. | .. | .. | 0 | 6 | 0 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| Tehri | 29.5 | 0.0 | 31.8 | 20 | 13.6 | -2.5 | 10.3 | 27 | 17.2 | 19.4 | - 71.0 | 10.9 | 03 | 2 | - 2.0 | 4.4 | 2.4 | .. | 0 | 4 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 |
| Dehra Dun | 27.5 | -0.7 | 29.7 | 14 | 16.0 | -0.1 | 11.8 | 27 | 20.2 | 61.5 | + 19.6 | 28.7 | 01 | 5 | + 2.9 | 3.8 | 3.5 | +0.2 | 0 | 7 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C: Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Rainfall in millimetres: Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | No. of rainy days (2.5 mm. or more): Total in the month | Departure from normal | Wind speed km. per hour: Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Weather phenomena - No. of days with: Precipitation: 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mansiari | 17.5 | .. | 20.1 | 12 | 7.9 | .. | 6.1 | 05ds | .. | 100.6 | .. | 40.3 | 03 | 6 | .. | .. | .. | .. | 1 | 10 | .. | .. | .. | .. | .. | . | .. | . |
| Roorkee | 31.2 | +0.3 | 33.5 | 01 | 15.0 | -2.2 | 12.2 | 26 | .. | .. | .. | .. | .. | .. | .. | 5.3 | 3.2 | 0.0 | . | .. | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 31.6 | +1.0 | 33.0 | 01 | 16.6 | -1.0 | 11.6 | 25 | 49.6 | 49.6 | - 51.9 | 36.8 | 06 | 2 | - 1.4 | 6.0 | 5.0 | +1.3 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 34.5 | +2.6 | 36.5 | 13 | 16.7 | -1.8 | 13.6 | 28 | .. | 0.0 | - 23.9 | 0.0 | .. | 0 | - 0.9 | . | 5.1 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 33.4 | +1.1 | 35.0 | 01 | 18.8 | -0.7 | 14.6 | 25 | 16.0 | 22.2 | - 12.6 | 16.0 | 02 | 2 | + 0.9 | 6.1 | 4.4 | +1.7 | 0 | 2 | 0 | 0 | 2 | 1 | 1 | 0 | 0 | 0 |
| Aligarh | 34.8 | +1.4 | 37.5 | 05 | 18.4 | -0.6 | 15.0 | 27 | 0.0 | 0.0 | - 9.9 | 0.0 | .. | 0 | - 0.6 | 7.8 | 5.6 | +0.9 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 37.5 | +3.5 | 38.8 | 05 | 17.9 | -1.0 | 13.6 | 26 | 0.0 | 0.0 | - 22.6 | 0.0 | .. | 0 | - 1.0 | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| Agra | 35.8 | +2.5 | 38.6 | 01 | 19.4 | +0.3 | 14.9 | 26 | 0.0 | 0.0 | - 19.6 | 0.0 | .. | 0 | - 0.6 | 4.8 | 3.2 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 36.3 | .. | 38.8 | 04 | 17.9 | .. | 13.4 | 24 | 2.0 | 3.3 | .. | 2.0 | 07 | 0 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Orai | 36.2 | +3.4 | 39.0 | 04 | 19.5 | -0.4 | 17.4 | 28 | 0.0 | 0.0 | - 79.3 | 0.0 | .. | 0 | - 2.9 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 36.5 | +3.2 | 39.2 | 21 | 19.5 | 0.0 | 15.5 | 26 | 0.0 | 0.0 | - 25.7 | 0.0 | .. | 0 | - 1.2 | 3.5 | 3.5 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 31.5 | +0.7 | 33.3 | 12 | 16.1 | -0.8 | 11.5 | 29 | 0.0 | 0.5 | -114.8 | 0.5 | 05 | 0 | - 2.8 | .. | .. | .. | 0 | 1 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 31.8 | -0.1 | 34.2 | 19 | 16.5 | -0.1 | 12.9 | 30 | 0.6 | 10.3 | - 31.5 | 9.2 | 05 | 1 | - 0.4 | 8.7 | 6.4 | -0.2 | 0 | 3 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 32.5 | .. | 35.5 | 01 | 14.9 | .. | 11.1 | 30 | 1.0 | 9.7 | .. | 4.3 | 01 | 2 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Ludhiana | 32.8 | -1.1 | 36.0 | 01 | 17.6 | +0.1 | 13.8 | 24 | 8.2 | 30.6 | + 19.2 | 19.0 | 01 | 2 | + 1.2 | 4.8 | 3.1 | +0.9 | 0 | 2 | 0 | 0 | 3 | 0 | 3 | 0 | 0 | 0 |
| Ferozepur | 32.2 | -0.7 | 35.6 | 01 | .. | .. | .. | .. | 16.0 | 35.0 | + 12.2 | 32.0 | 04 | 2 | + 0.9 | 3.1 | 2.4 | +0.9 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 32.3 | .. | 35.6 | 01 | 15.0 | .. | 9.5 | 28 | 34.2 | 35.0 | .. | 18.2 | 07 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 1 | 7 | 0 | 2 | 0 | 5 | 0 |
| Chandigarh | 32.0 | +1.3 | 34.0 | 01 | 17.0 | +0.4 | 11.8 | 25 | 3.2 | 14.6 | - 67.3 | 7.2 | 01 | 2 | - 1.6 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 32.8 | -0.4 | 34.8 | 01 | 16.8 | +0.4 | 13.0 | 26 | 5.7 | 17.0 | - 5.6 | 11.1 | 01 | 2 | + 1.0 | 8.5 | 6.0 | +1.6 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 32.2 | .. | 34.5 | 01 | 15.4 | .. | 10.5 | 23 | 2.8 | 10.0 | .. | 4.6 | 01 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Patiala | 33.3 | +0.9 | 35.9 | 01 | 17.7 | -0.1 | 13.6 | 25 | 2.4 | 2.4 | - 13.6 | 2.4 | 05 | 0 | - 0.9 | 8.7 | 7.6 | +1.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 33.7 | -0.5 | 38.4 | 10 | 16.3 | -0.6 | 12.2 | 26 | 0.0 | 4.0 | - 2.6 | 4.0 | 05 | 1 | + 0.4 | 6.1 | 3.7 | 0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | 32.0 | +0.5 | 35.4 | 02 | 18.0 | +0.7 | 15.0 | 25 | 0.0 | 8.0 | - 51.8 | 8.0 | 05 | 1 | - 0.9 | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 34.9 | +0.3 | 37.7 | 04 | 18.1 | +0.7 | 13.5 | 27 | 0.0 | 0.0 | - 13.2 | 0.0 | .. | 0 | - 0.6 | 6.7 | 6.2 | +0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 33.5 | +0.4 | 36.6 | 04 | 19.1 | +0.4 | 15.4 | 27 | 0.2 | 30.0 | + 15.8 | 29.6 | 06 | 1 | + 0.2 | 8.8 | 5.8 | -0.5 | 2 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Palam (Aerodrome) | 33.5 | .. | 37.5 | 04 | 17.5 | .. | 13.0 | 28 | 0.4 | 20.5 | .. | 18.1 | 06 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 29.3 | +1.4 | 31.1 | 20 | 12.9 | -0.3 | 9.1 | 29 | 1.0 | 32.7 | - 55.9 | 13.3 | 21 | 3 | - 2.0 | .. | .. | .. | 1 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 29.8 | 0.0 | 32.0 | 13 | 13.2 | -1.9 | 9.3 | 16 | 0.0 | 36.0 | - 36.7 | 18.0 | 01 | 2 | - 1.1 | .. | .. | .. | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg | .. | .. | .. | .. | .. | .. | .. | .. | .. | 184.6 p | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Srinagar | 18.3 | -4.3 | 25.9 | 04 | 6.5 | +0.8 | 3.4 | 21 | 8.4 | 117.6 | + 89.9 | 65.4 | 11 | 7 | + 4.6 | 4.7 | 4.2 | +0.9 | 1 | 8 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 17.0 | .. | 24.8 | 04 | 6.5 | .. | 3.4 | 24 | 9.8 | 112.4 | .. | 62.9 | 11 | 6 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg | Functioning only from June to September | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Qazigund | 17.3 | .. | 24.2 | 04 | 6.5 | .. | 3.9 | 24 | 35.4 | 119.0 | .. | 45.6 | 20 | 7 | .. | 3.5 | 2.8 | .. | 1 | 9 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 20.1 | .. | 27.0 | 02 | 7.1 | .. | 4.4 | 06 | 23.6 | 101.0 | .. | 40.4 | 20 | 5 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 31.7 | +0.3 | 33.5 | 14 | 17.9 | -1.5 | 15.0 | 23 | 0.0 | 25.3 | + 9.8 | 16.2 | 01 | 2 | + 0.9 | 4.3 | 5.5 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 31.7 | .. | 33.6 | 14 | 17.9 | .. | 14.3 | 24 | 0.1 | 2.9 | .. | 1.5 | 06 | 0 | .. | .. | .. | .. | 2 | 2 | 0 | 0 | 7 | 0 | 2 | 0 | 1 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 35.1 | +0.1 | 38.3 | 01 | 17.8 | +0.8 | 13.9 | 27 | 0.0 | 1.8 | - 1.9 | 1.6 | 22 | 0 | - 0.6 | 2.6 | 2.2 | -2.5 | 1 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6.2 | 6.0 | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahajan | 36.7 | .. | 41.5 | 02 | 18.8 | .. | 13.3 | 24 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 8.1 | 6.8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 32.4 | -1.1 | 38.9 | 12 | 18.0 | 0.0 | 13.0 | 28 | 0.0 | 3.9 | - 22.2 | 3.9 | 07 | 1 | - 0.5 | 9.9 | 6.5 | +0.4 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 36.5 | +1.2 | 40.4 | 01 | 19.4 | +0.8 | 14.0 | 25 | 0.0 | 19.8 | + 12.7 | 11.7 | 08 | 2 | + 1.6 | 8.1 | 5.9 | +0.6 | 0 | 2 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 |
| Nagaur | 37.1 | +2.6 | 40.4 | 01 | 18.8 | -0.4 | 14.9 | 27 | 0.0 | 0.0 | - 1.1 | 0.0 | .. | 0 | - 0.2 | 8.6 | 6.8 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phalodi | 37.2 | +2.0 | 41.5 | 01 | 20.8 | +1.1 | 16.5 | 28 | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.1 | 13.1 | 10.3 | -1.3 | 0 | 0 | 0 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| Jaisalmer | 37.8 | +1.7 | 42.0 | 03 | 22.3 | +2.2 | 18.8 | 14 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.2 | 14.2 | 10.8 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 38.0 | +2.3 | 40.4 | 10 | 20.2 | +0.6 | 16.8 | 14 | 0.0 | 0.0 | - 7.6 | 0.0 | .. | 0 | - 0.5 | 9.2 | 6.9 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Barmer | 39.8 | +3.8 | 46.0 | 01 | 23.5 | +1.8 | 0.0 | 00 | 0.0 | 1.4 | + 0.1 | 1.4 | 08 | 0 | - 0.2 | 8.0 | 6.9 | -0.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 36.4 | +2.9 | 38.6 | 13 | 20.9 | -0.1 | 16.3 | 23 | 0.0 | 0.0 | - 21.3 | 0.0 | .. | 0 | - 1.9 | 4.8 | 4.1 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 35.7 | +1.8 | 39.0 | 01 | 16.9 | -0.3 | 11.5 | 25 | 0.0 | 3.4 | - 5.3 | 3.4 | 07 | 1 | + 0.2 | 10.4 | 8.0 | +0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 35.3 | +2.2 | 37.9 | 13 | 16.7 | -0.4 | 10.6 | 24 | 0.0 | 0.0 | - 19.5 | 0.0 | .. | 0 | - 1.0 | 8.8 | 6.0 | +0.9 | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Alwar | 35.4 | +3.0 | 38.3 | 04 | .. | .. | .. | .. | 3.8 | 3.8 | - 93.9 | 2.8 | 07 | 1 | - 2.7 | 2.7 | 1.3 | -1.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) | 35.1 | +1.9 | 37.7 | 01 | 19.0 | +0.7 | 14.9 | 24 | 5.1 | 5.5 | - 8.7 | 5.5 | 07 | 1 | + 0.3 | .. | .. | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dholpur | 36.4 | +3.8 | 39.5 | 20 | 17.5 | -1.8 | 12.2 | 25 | 0.0 | 0.0 | - 80.1 | 0.0 | .. | 0 | - 3.8 | 4.6 | 3.6 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ajmer | 35.6 | +2.7 | 38.7 | 13 | 19.6 | +1.8 | 16.2 | 25 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.7 | 9.9 | 6.3 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 36.9 | +3.6 | 39.9 | 05 | 23.5 | +5.2 | 14.4 | 24 | 0.0 | 1.0 | - 7.9 | 1.0 | 21 | 0 | - 1.0 | 6.1 | 4.8 | +0.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 36.1 | .. | 38.0 | 20 | 17.0 | .. | 13.3 | 26 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.4 | 4.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota | 36.9 | +2.4 | 38.6 | 18 | 20.0 | -1.0 | 16.4 | 25 | 0.0 | 0.0 | - 13.7 | 0.0 | .. | 0 | - 0.9 | 4.3 | 2.6 | -0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 37.1 | .. | 39.4 | 04 | 21.5 | .. | 17.6 | 25 | 0.0 | 0.2 | .. | 0.2 | 21 | 0 | .. | 10.2 | 7.3 | .. | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 36.6 | +4.1 | 38.6 | 20 | 19.3 | +1.8 | 15.9 | 25 | 0.0 | 0.0 | - 49.3 | 0.0 | .. | 0 | - 3.0 | 6.6 | 3.6 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udaipur | 36.3 | +4.3 | 36.5 | 13 | 16.4 | -2.5 | 13.5 | 25 | 0.0 | 0.0 | - 13.5 | 0.0 | .. | 0 | - 1.1 | 3.3 | 1.5 | -0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 37.0 | +3.5 | 38.5 | 07 | 18.8 | +0.5 | 14.9 | 26 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 1.1 | 5.5 | 3.2 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 37.7 | .. | 39.1 | 10 | 21.0 | .. | 17.4 | 25 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.1 | 8.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 35.8 | +2.6 | 38.6 | 04 | 18.5 | +0.5 | 13.3 | 25 | 0.2 | 0.2 | - 7.1 | 0.2 | 23 | 0 | - 0.7 | 9.3 | 4.8 | +1.5 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sheopur | 36.3 | +3.4 | 38.5 | 18 | 18.1 | -0.3 | 13.5 | 25 | 0.0 | 0.0 | - 39.3 | 0.0 | .. | 0 | - 1.4 | 7.4 | 5.7 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 34.5 | .. | 36.6 | 06 | 14.8 | .. | 11.0 | 25 | 0.5 | 0.5 | .. | 0.5 | 22 | 0 | .. | 8.1[a] | 3.7[b] | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nowgong | 35.9 | +3.0 | 38.5 | 04 | 17.1 | -0.7 | 12.4 | 26 | 0.0 | 0.0 | - 24.4 | 0.0 | .. | 0 | - 1.4 | 6.0 | 2.9 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guna | 35.6 | +3.6 | 37.7 | 20 | 17.1 | 0.0 | 12.9 | 28 | 0.0 | 0.0 | - 19.8 | 0.0 | .. | 0 | - 1.3 | 8.7 | 5.0 | +1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 35.4 | +2.9 | 37.4 | 02 | 20.2 | +1.6 | 16.3 | 25 | 0.0 | 0.0 | - 18.0 | 0.0 | .. | 0 | - 1.1 | 7.7 | 5.7 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 36.4 | +4.0 | 38.1 | 03 | 18.2 | +0.7 | 14.6 | 25 | 1.2 | 1.2 | - 33.2 | 1.2 | 08 | 0 | - 1.7 | 7.3 | 4.8 | -0.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 35.7 | +5.2 | 37.6 | 22 | 19.2 | 0.0 | 11.3 | 30 | 0.0 | 0.0 | - 27.2 | 0.0 | .. | 0 | - 1.9 | 8.0 | 9.7 | +2.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 36.1 | +3.8 | 38.2 | 11 | 18.3 | -0.8 | 13.8 | 26 | 0.0 | 0.0 | - 48.1 | 0.0 | .. | 0 | - 2.0 | 7.5 | 4.8 | -1.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 34.8 | +3.5 | 36.9 | 03 | 18.8 | +0.8 | 15.3 | 28 | 0.0 | 0.0 | - 31.7 | 0.0 | .. | 0 | - 1.7 | 9.7 | 6.7 | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ujjain | 34.7 | .. | 36.4 | 04 | 16.1 | .. | 11.6 | 26 | 0.0 | 1.3 | .. | 1.3 | 07 | 0 | .. | 6.5 | 3.1 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 35.9 | .. | 38.2 | 05 | 14.9 | .. | 10.0 | 26 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.8 | 2.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 35.5 | +3.4 | 37.9 | 03 | 16.9 | -2.6 | 12.4 | 27 | 0.0 | 0.0 | - 28.5 | 0.0 | .. | 0 | - 1.6 | 1.0 | 0.8 | -2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 34.5 | +3.4 | 36.8 | 05 | 18.1 | +0.9 | 13.1 | 26 | 10.0 | 10.0 | - 23.0 | 7.5 | 09 | 1 | - 0.8 | 9.7 | 6.5 | -3.3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 36.3 | +3.7 | 37.4 | 11 | .. | .. | .. | .. | 0.0 | 0.0 | - 71.6 | 0.0 | .. | 0 | - 3.3 | 6.5 | 3.9 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 33.1 | +3.8 | 34.6 | 06 | 16.7 | -1.0 | 12.6 | 27 | 7.4 | 7.4 | - 61.7 | 5.4 | 07 | 1 | - 3.3 | 8.0 | 3.9 | -0.3 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 33.6 | +3.9 | 35.4 | 19 | 18.6 | +0.2 | 14.8 | 29 | 13.2 | 13.6 | - 50.7 | 13.2 | 04 | 1 | - 2.5 | 8.7 | 4.7 | -0.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Betul | 32.7 | +3.4 | 34.7 | 03 | 16.4 | -0.8 | 12.5 | 29 | 3.8 | 3.8 | - 58.9 | 3.8 | 07 | 1 | - 3.0 | 6.1 | 3.2 | -1.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 36.8 | +3.4 | 39.0 | 03 | 18.8 | -0.1 | 15.0 | 30 | 0.0 | 0.0 | - 38.3 | 0.0 | .. | 0 | - 1.8 | 7.8 | 4.3 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 35.9 | +4.1 | 38.9 | 04 | 18.8 | 0.0 | 14.3 | 25 | 0.0 | 0.0 | - 38.1 | 0.0 | .. | 0 | - 2.2 | 6.2 | 3.6 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rewa | 35.6 | .. | 38.6 | 05 | 17.7 | .. | 13.4 | 27 | 3.2 | 3.2 | .. | 3.2 | 07 | 1 | .. | 6.3 | 3.3 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 35.6 | +4.1 | 38.4 | 05 | 17.5 | -1.6 | 12.6 | 27 | 0.0 | 0.0 | - 38.2 | 0.0 | .. | 0 | - 2.2 | 6.0 | 2.8 | -0.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 34.5 | +3.9 | 37.1 | 05 | 17.3 | -0.3 | 12.2 | 27 | 0.0 | 0.0 | - 47.3 | 0.0 | .. | 0 | - 2.7 | 6.2 | 3.7 | +0.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jabalpur | 35.3 | +3.9 | 37.9 | 05 | 18.4 | 0.0 | 14.0 | 29 | 0.0 | 0.0 | - 46.5 | 0.0 | .. | 0 | - 2.4 | 5.6 | 3.3 | -0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambikapur | 32.0 | +3.0 | 34.3 | 05 | 17.0 | -1.0 | 12.1 | 28 | 5.6 | 5.6 | - 41.6 | 5.6 | 03 | 1 | - 3.3 | 10.5[a] | 6.8 | +0.1 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 29.2 | .. | 31.0 | 08 | 16.1 | .. | 10.7 | 28 | 14.8 | 46.0 | .. | 29.0 | 13 | 2 | .. | 7.8 | 3.9 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 31.6 | +3.1 | 34.0 | 03 | 18.8 | +0.4 | 14.1 | 26 | 18.2 | 18.2 | - 59.8 | 15.2 | 04 | 1 | - 3.1 | 7.4 | 5.3 | +1.2 | 0 | 3 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 |
| Mandla | 33.6 | +3.1 | 35.0 | 21 | 15.8 | -1.8 | 11.0 | 27 | 1.0 | 1.0 | - 64.5 | 1.0 | 03 | 0 | - 3.7 | 4.7 | 2.0 | -0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Champa | 33.0 | +1.6 | 35.1 | 09 | 20.5 | -1.5 | 15.4 | 27 | 1.4 | 31.2 | - 28.3 | 29.8 | 13 | 1 | - 3.6 | 4.5 | 2.8 | -1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 33.4 | +1.5 | 36.0 | 09 | 21.3 | -1.0 | 15.5 | 27 | 11.0 | 105.1 | + 48.2 | 83.6 | 14 | 3 | - 1.3 | 5.1 | 4.0 | -0.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 34.0 | +2.8 | 36.3 | 03 | 21.2 | -0.3 | 16.6 | 27 | 0.0 | 2.5 | - 49.8 | 2.5 | 06 | 1 | - 2.2 | 7.6 | 6.0 | 0.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 32.3 | +2.1 | 35.4 | 05 | 19.7 | -0.4 | 14.2 | 28 | 48.8 | 53.0 | - 39.2 | 27.4 | 14 | 2 | - 2.5 | 3.2 | 3.2 | -0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 31.2 | +1.7 | 33.5 | 03 | 19.3 | -0.6 | 14.0 | 28 | 28.2 | 33.8 | - 76.2 | 22.2 | 25 | 2 | - 4.0 | .. | .. | .. | 1 | 6 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 38.9 | +3.2 | 40.4 | 13 | 19.8 | +0.5 | 15.4 | 25 | 0.0 | 0.0 | - 8.9 | 0.0 | .. | 0 | - 0.6 | 7.8 | 5.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 38.8 | +3.3 | 40.5 | 14 | 23.1 | +3.8 | 19.1 | 27 | 0.0 | 0.0 | - 11.3 | 0.0 | .. | 0 | - 0.6 | 6.0 | 3.5 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 36.5 | +2.9 | 39.1 | 10 | 22.1 | +1.4 | 15.5 | 25 | 0.0 | 0.0 | - 69.7 | 0.0 | .. | 0 | - 1.7 | 5.9 | 4.4 | -1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 38.3 | +2.7 | 39.8 | 11 | 21.0 | -0.2 | 17.5 | 25 | 0.0 | 0.0 | - 9.4 | 0.0 | .. | 0 | - 0.7 | 4.8 | 2.3 | -2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 36.9 | +3.6 | 38.5 | 11 | 20.9 | +0.9 | 18.1 | 25 | 0.0 | 0.0 | - 31.1 | 0.0 | .. | 0 | - 1.6 | 6.5 | 6.3 | -2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 38.2 | .. | 39.6 | 11 | 20.0 | .. | 15.6 | 26 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 4.3 | 3.1 | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Baroda Aerodrome | 38.4 | +3.5 | 40.2 | 08 | 20.6 | -0.8 | 17.3 | 26 | 0.0 | 0.0 | - 37.5 | 0.0 | .. | 0 | - 2.0 | 4.9 | 3.2 | -3.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 39.8 | +4.8 | 41.5 | 09 | 21.8 | +1.9 | 17.6 | 26 | 0.0 | 0.0 | - 29.2 | 0.0 | .. | 0 | - 1.5 | 4.0 | 2.9 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7.6 | 6.4 | +1.2 | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 37.9 | +2.4 | 39.6 | 17 | 23.1 | 0.0 | 19.9 | 27 | 0.0 | 0.0 | - 33.5 | 0.0 | .. | 0 | - 1.8 | 6.5 | 5.4 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 36.7 | +3.2 | 39.8 | 19 | 19.5 | +0.1 | 15.4 | 25 | 0.0 | 0.0 | - 12.1 | 0.0 | .. | 0 | - 0.8 | 13.1 | 8.9 | +0.7 | 0 | 0 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 38.4 | +2.8 | 40.9 | 01 | 22.4 | +0.9 | 20.1 | 15 | 0.0 | 7.2 | - 3.0 | 7.2 | 07 | 1 | + 0.5 | 10.3 | 8.2 | -0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kandla Aerodrome | 38.5 | .. | 40.7 | 12 | 22.3 | .. | 17.5 | 26 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.1 | 14.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Kandla | 36.1 | +2.4 | 39.7 | 01 | 24.3 | +0.7 | 22.0 | 26 | 0.0 | 0.0 | - 19.4 | 0.0 | .. | 0 | - 1.0 | 10.6 | 11.4 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 33.8 | +1.9 | 38.5 | 08 | 23.0 | +0.2 | 19.0 | 27 | 0.0 | 0.0 | - 13.4 | 0.0 | .. | 0 | - 1.5 | 13.2 | 10.2 | -6.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 38.5 | +3.7 | 40.6 | 14 | 24.1 | +1.7 | 21.3 | 30 | 0.0 | 0.0 | - 24.3 | 0.0 | .. | 0 | - 1.9 | 7.3 | 6.3 | -1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 30.4 | .. | 33.5 | 23 | 24.9 | .. | 23.2 | 31 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 14.5 | 14.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 36.9 | +2.5 | 39.2 | 10 | 21.7 | +0.2 | 18.3 | 17 | 0.0 | 0.0 | - 7.4 | 0.0 | .. | 0 | - 0.5 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Dwarka | 31.2 | +0.5 | 33.5 | 25 | 25.1 | +1.2 | .. | .. | 0.0 | 0.0 | - 5.3 | 0.0 | .. | 0 | - 0.3 | 14.7 | 11.2 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 38.1 | +2.7 | 39.4 | 14 | 22.1 | +1.2 | 19.3 | 25 | 0.0 | 0.0 | - 67.2 | 0.0 | .. | 0 | - 2.6 | 12.9 | 10.7 | -1.4 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 37.5 | +3.3 | 39.4 | 10 | 23.7 | +1.2 | 20.2 | 27 | 0.0 | 0.0 | - 68.1 | 0.0 | .. | 0 | - 1.4 | 15.4 | 11.5 | +3.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 36.8 | +4.3 | 40.2 | 23 | 23.1 | -0.1 | 19.2 | 26 | 0.0 | 0.0 | - 49.9 | 0.0 | .. | 0 | - 1.9 | 15.2 | 11.5 | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Keshod | 38.6 | +4.1 | 40.3 | 11 | 21.7 | +2.0 | 17.9 | 17 | 0.0 | 0.0 | - 55.1 | 0.0 | .. | 0 | - 2.6 | 15.5 | 12.1 | +0.1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Mahuva | 36.8 | .. | 39.0 | 09 | 22.7 | .. | 19.6 | 29 | 0.0 | 0.0 | - 62.3 | 0.0 | .. | 0 | - 1.3 | 6.3 | 6.6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 35.2 | +2.4 | 39.5 | 15 | 23.2 | +0.9 | 20.5 | 26 | 0.0 | 0.0 | - 14.0 | 0.0 | .. | 0 | - 0.7 | 17.0 | 13.3 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 34.8 | +3.1 | 37.3 | 23 | 22.5 | -0.5 | 20.5 | 31 | .. | .. | .. | .. | .. | .. | .. | 12.5 | 8.5 | -2.3 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 34.9 | +2.5 | 37.0 | 28 | 23.7 | +0.8 | 20.2 | 29 | 11.0 | 11.4 | - 91.6 | 11.2 | 18 | 1 | - 2.9 | 9.7 | 5.9 | -1.7 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 0 |
| Bombay | 33.9 | +2.0 | 37.2 | 28 | 25.8 | +1.2 | 23.3 | 06 | 0.0 | 18.4 | - 46.1 | 17.5 | 06 | 1 | - 2.0 | 9.2 | 7.2 | -1.3 | 0 | 1 | 0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 |
| Alibag | 32.4 | +1.2 | 34.2 | 18 | 23.7 | +0.1 | 20.5 | 29 | .. | 26.0 | - 69.3 | 22.2 | 06 | 2 | - 2.1 | . | 5.2 | -2.0 | 0 | 2 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 36.3 | .. | 39.0 | 30 | 21.5 | .. | 17.1 | 29 | 3.0 | 36.6 | .. | 19.0 | 11 | 4 | .. | 3.2 | 1.6 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 31.8 | +2.0 | 35.6 | 31 | 25.8 | +1.0 | 24.3 | 30 | 1.3 | 10.6 | - 81.6 | 5.5 | 18 | 1 | - 3.1 | 12.6 | 10.1 | -0.2 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 32.6 | +1.8 | 36.2 | 28 | 24.0 | +0.4 | 20.9 | 29 | 8.4 | 74.8 | - 29.1 | 31.3 | 04 | 5 | - 0.2 | 10.1 | 6.7 | .. | 0 | 8 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 31.5 | +1.1 | 34.7 | 28 | 24.6 | +0.5 | 22.5 | 30 | 14.2 | 42.2 | - 85.2 | 10.4 | 11 | 5 | - 1.5 | 14.0 | 10.7 | -0.2 | 0 | 7 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.9 | +1.0 | 34.3 | 30 | 22.9 | -0.4 | 19.4 | 30 | 10.5 | 96.9 | - 41.7 | 58.5 | 03 | 7 | - 1.3 | 8.7 | 5.1 | .. | 0 | 9 | 0 | 0 | 11 | 4 | 0 | 0 | 0 | 0 |
| Panjim | 32.2 | .. | 35.3 | 09 | 23.9 | .. | 20.4 | 30 | 16.0 | 88.4 | .. | 39.3 | 03 | 5 | .. | 9.9 | 7.5 | .. | 0 | 8 | 0 | 0 | 9 | 6 | 0 | 0 | 0 | 0 |
| Mormugao | 31.1 | +1.3 | 34.2 | 09 | 24.2 | +0.3 | 22.6 | 30 | 15.0 | 81.6 | - 50.1 | 15.6 | 11 | 6 | - 0.3 | 11.6 | 10.0 | +0.4 | 0 | 8 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Dabolim (Naval Air Station) | 31.7 | .. | 35.1 | 09 | 24.4 | .. | 21.3 | 30 | 13.2 | 71.4 | .. | 15.1 | 17 | 7 | .. | .. | .. | .. | 1 | 7 | 0 | 0 | 11 | 2 | 0 | 0 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 38.0 | +3.8 | 39.6 | 05 | 23.1 | +1.3 | 20.1 | 27 | 0.0 | 10.0 | - 49.0 | 10.0 | 09 | 1 | - 1.8 | 7.1 | 4.5 | -0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 37.3 | +3.2 | 39.3 | 02 | 18.3 | -0.9 | 13.6 | 15 | 0.0 | 0.0 | - 37.5 | 0.0 | .. | 0 | - 1.8 | 8.8 | 6.9 | +0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 36.0 | +3.3 | 37.5 | 11 | 18.5 | -0.3 | 14.6 | 29 | 0.0 | 0.0 | - 37.9 | 0.0 | .. | 0 | - 2.6 | 9.6 | 6.1 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 34.7 | .. | 37.0 | 06 | 17.3 | .. | 13.0 | 26 | 10.0 | 14.0 | .. | 10.0 | 07 | 2 | .. | 11.9 | 8.1 | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 35.9 | +4.7 | 37.0 | 04ds | 19.5 | +0.4 | 15.3 | 28 | 0.0 | 0.0 | - 57.7 | 0.0 | .. | 0 | - 3.5 | 12.8 | 7.3 | +0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9.2 | -193.5 | 9.2 | 08 | 1 | - 5.1 | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 34.8 | .. | 36.0 | 10 | 19.3 | .. | 14.7 | 30 | 4.4 | 9.2 | .. | 6.9 | 18 | 1 | .. | .. | .. | .. | 1 | 3 | 0 | 0 | 1 | 3 | 0 | 0 | 0 | 0 |
| Poona | 33.9 | +3.1 | 35.0 | 13 | 17.9 | -0.7 | 12.1 | 30 | 0.0 | 2.5 | - 73.7 | 2.5 | 11 | 1 | - 3.9 | 7.7 | 3.6 | .. | 0 | 1 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Jeur | 34.1 | +2.3 | 36.1 | 10 | 19.1 | -0.5 | 14.6 | 28 | 8.5 | 8.5 | - 74.5 | 6.7 | 17 | 1 | - 3.6 | 12.0 | 7.6 | +0.6 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 34.8 | +3.4 | 36.2 | 11 | 20.3 | +0.6 | 15.8 | 31 | 2.0 | 4.3 | - 90.3 | 3.3 | 17 | 1 | - 4.1 | 11.1 | 7.8 | -0.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 34.6 | +2.3 | 35.8 | 26 | 20.7 | +0.1 | 16.9 | 28 | 0.0 | 1.3 | - 68.6 | 0.8 | 19 | 0 | - 4.1 | 12.3 | 8.9 | +0.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 32.4 | +1.4 | 34.0 | 11 | 19.8 | -0.3 | 13.9 | 29 | 28.8 | 32.4 | - 63.4 | 26.8 | 04 | 2 | - 4.1 | .. | .. | .. | 0 | 3 | 0 | 0 | 8 | 1 | 0 | 0 | 0 | 0 |
| Kolhapur | 32.5 | +2.2 | 34.5 | 27 | 19.7 | -0.4 | 15.6 | 30 | 1.0 | 55.6 | - 77.0 | 32.8 | 04 | 3 | - 4.9 | 5.9 | 2.7 | -6.0 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Udgiri | 27.9 | .. | 29.3 | 29 | 19.1 | .. | 15.0 | 29 | 76.1 | 103.3 | .. | 40.1 | 12 | 6 | .. | 11.8 | 10.1 | .. | 0 | 7 | 0 | 1 | 5 | 3 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 35.0 | +3.4 | 36.4 | 02 | 20.1 | +0.5 | 17.2 | 28 | 0.0 | 0.0 | - 47.0 | 0.0 | .. | 0 | - 3.0 | 9.4 | 7.0 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 34.0 | +2.8 | 35.8 | 03 | 15.6 | -2.2 | 12.2 | 31 | 3.6 | 3.6 | - 54.5 | 3.6 | 08 | 1 | - 2.3 | 12.6 | 7.0 | -1.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 35.1 | +3.2 | 36.4 | 02 | 19.1 | -0.4 | 14.5 | 28 | 0.0 | 0.0 | - 49.0 | 0.0 | .. | 0 | - 3.2 | 9.8 | 5.2 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nander | 35.1 | .. | 36.6 | 29 | 18.5 | .. | 13.8 | 28 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.3 | 4.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 35.1 | .. | 36.0 | 11 | 19.0 | .. | 15.0 | 31 | 9.8 | 10.8 | .. | 9.8 | 18 | 1 | .. | 8.3 | 4.4 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 34.2 | +3.2 | 36.2 | 08 | 20.8 | -0.4 | 16.4 | 27 | 0.0 | 0.0 | - 68.5 | 0.0 | .. | 0 | - 3.9 | 3.2 | 2.0 | -1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 35.0 | +3.1 | 36.6 | 05 | 19.1 | -0.9 | 13.0 | 27 | 0.0 | 0.0 | - 54.6 | 0.0 | .. | 0 | - 3.2 | 9.4 | 7.1 | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Amraoti | 35.9 | +3.8 | 37.8 | 03 | 22.1 | +1.3 | 19.1 | 29 | 1.3 | 1.3 | - 42.9 | 1.3 | 07 | 0 | - 2.5 | 10.1 | 8.3 | +0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 36.4 | .. | 38.4 | 02 | 16.7 | .. | 12.4 | 27 | 0.0 | 9.0 | .. | 9.0 | 09 | 1 | .. | 9.9 | 8.1 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola | 36.4 | +3.1 | 38.4 | 03 | 20.0 | 0.0 | 16.0 | 31 | 0.0 | 0.0 | - 37.3 | 0.0 | .. | 0 | - 2.3 | 5.9 | 3.3 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 34.3 | +2.7 | 35.4 | 04ds | 20.4 | -0.9 | 14.8 | 27 | 0.0 | 0.0 | - 64.6 | 0.0 | .. | 0 | - 4.7 | 6.0 | 3.3 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 33.7 | +3.9 | 35.7 | 01 | 21.1 | +0.6 | 19.2 | 31 | 0.0 | 0.0 | - 42.8 | 0.0 | .. | 0 | - 2.7 | 8.3 | 6.5 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 34.1 | +3.3 | 35.5 | 05 | 20.9 | +0.8 | 17.6 | 27 | [illegible] | 0.0 | - 53.6 | 0.0 | .. | 0 | - 3.5 | 9.4 | 7.2 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chandrapur | 33.9 | +2.3 | 35.7 | 24 | 20.8 | +0.1 | 15.4 | 27 | [illegible] | 0.0 | - 56.4 | 0.0 | .. | 0 | - 2.8 | 6.5 | 3.8 | +0.4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 35.2 | .. | 36.6 | 03 | 18.5 | .. | 14.6 | 30 | [illegible] | 0.0 | .. | 0.0 | .. | 0 | .. | 5.3 | 4.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 33.2 | +1.1 | 35.2 | 02 | 22.3 | -0.6 | 16.7 | 28 | [illegible] | 47.2 | - 47.1 | 20.6 | 15 | 3 | - 2.9 | 4.1 | 2.9 | -1.1 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Wardha | 35.5 | .. | 37.5 | 02 | 21.0 | .. | 14.9 | 27 | 0.0 | 0.4 | .. | 0.4 | 06 | 0 | .. | 6.3 | 4.5 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed, km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| VIDARBHA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhandara | 34.7 | .. | 36.6 | 05 | 21.7 | .. | 16.8 | 29 | 0.0 | 3.6 | .. | 3.6 | 07 | 1 | .. | 7.5 | 5.1 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COASTAL ANDHRA PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 31.8 | +1.1 | 35.0 | 02 | 23.3 | -1.2 | 18.4 | 28 | 139.2 | 196.4 | - 4.8 | 97.6 | 13 | 5 | - 2.4 | 11.0 | 9.0 | -1.0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Vishakhapatnam | 32.2 | +1.5 | 35.5 | 01 | 23.5 | -1.0 | 17.9 | 29 | 26.9 | 59.7 | -152.4 | 31.0 | 12 | 3 | - 5.1 | 13.7 | 7.3 | -0.8 | 0 | 5 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Kakinada | 31.9 | +1.1 | 34.7 | 06 | 23.9 | -0.6 | 20.2 | 31 | 7.2 | 44.6 | -193.1 | 39.6 | 12 | 2 | - 6.7 | 10.8 | 8.8 | -0.7 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nidadavole | 32.5 | +1.7 | 34.5 | 10 | 23.2 | -0.6 | 18.6 | 28 | 2.4 | 19.0 | -173.5 | 17.4 | 12 | 1 | -10.5 | 7.0 | 5.2 | -0.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rentachintala | 33.5 | +0.6 | 36.8 | 25 | 22.7 | -0.5 | 18.8 | 28 | 0.0 | 0.0 | -123.9 | 0.0 | .. | 0 | - 6.7 | 2.6 | 3.2 | -1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gannavaram | 32.1 | +0.6 | 34.3 | 11 | 23.6 | -0.6 | 20.5 | 28 | 15.6 | 18.4 | -125.6 | 7.2 | 15 | 2 | - 5.8 | 12.2 | 7.6 | -1.4 | 0 | 6 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Masulipatam | 31.3 | +0.5 | 34.2 | 01 | 23.6 | -1.3 | 21.0 | 29 | 6.2 | 52.0 | -182.4 | 13.4 | 15 | 7 | - 1.1 | . | 3.0 | -4.7 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ongole | 32.3 | +0.6 | 35.6 | 02 | 24.2 | -0.5 | 21.9 | 23 | 107.4 | 150.0 | - 52.0 | 69.2 | 21 | 7 | - 2.6 | .. | .. | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 31.7 | -0.8 | 35.1 | 02 | 24.3 | -0.4 | 22.0 | 29 | 25.9 | 185.8 | - 80.4 | 51.0 | 22 | 11 | + 2.3 | 7.6 | 4.8 | -0.8 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 34.9 | +2.4 | 36.2 | 07 | 22.1 | -0.7 | 17.8 | 28 | 47.6 | 139.0 | + 57.5 | 70.2 | 15 | 4 | - 0.5 | 4.6 | 2.5 | -1.9 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nizamabad | 33.4 | +1.9 | 34.7 | 25 | 20.9 | +0.3 | 16.7 | 28 | 10.0 | 10.0 | - 41.6 | 7.4 | 16 | 2 | - 1.1 | 11.8 | 7.9 | +3.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hanamkonda | 32.2 | +0.5 | 34.1 | 11 | 21.9 | -0.3 | 18.3 | 29 | 11.6 | 43.6 | - 24.2 | 33.6 | 15 | 2 | - 2.0 | 7.6 | 5.1 | -1.0 | 0 | 3 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 |
| Hakimpet Aerodrome | 30.5 | .. | 33.5 | 11 | 20.6 | .. | 18.2 | 31 | 16.8 | 28.5 | .. | 8.6 | 13 | 4 | .. | .. | .. | .. | 0 | 5 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 |
| Bhadrachalam | 33.9 | +1.9 | 35.7 | 11 | 22.9 | -0.1 | 17.4 | 28 | 25.2 | 33.4 | - 76.7 | 18.2 | 15 | 3 | - 4.4 | 5.3 | 3.3 | -1.1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Hyderabad (Begampet) | 31.3 | +1.0 | 33.8 | 11 | 18.9 | -0.9 | 13.5 | 28 | 50.3 | 91.8 | + 27.0 | 31.6 | 14 | 5 | + 0.9 | 8.4 | 3.9 | -5.0 | 0 | 5 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Khammam | 33.1 | +0.6 | 35.3 | 09 | 23.4 | +0.5 | 18.6 | 28 | 55.5 | 89.5 | - 19.0 | 52.5 | 19 | 3 | - 3.6 | 1.4 | 1.3 | -3.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahbubnagar | 31.1 | +0.7 | 33.6 | 27 | 20.4 | -0.9 | 16.0 | 28 | 17.2 | 21.6 | - 80.7 | 14.6 | 16 | 2 | - 4.5 | 11.5 | 6.9 | -1.7 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| RAYALASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 33.1 | +0.7 | 35.0 | 27 | 21.8 | -0.6 | 15.1 | 28 | 13.4 | 18.3 | - 60.2 | 5.4 | 15 | 3 | - 1.8 | 4.0 | 3.4 | -2.6 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nandyal | 32.9 | .. | 34.0 | 27 | 21.9 | .. | 17.2 | 29 | 1.8 | 9.4 | .. | 3.6 | 16 | 2 | .. | . | 6.0 | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Anantapur | 32.0 | +0.6 | 34.0 | 11 | 22.0 | -0.5 | 17.0 | 29 | 39.3 | 123.1 | + 23.8 | 81.5 | 03 | 3 | - 2.3 | 10.7 | 8.1 | +0.2 | 1 | 5 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Cuddapah | 32.3 | -0.2 | 34.6 | 03 | 23.0 | -0.9 | 18.0 | 29 | 8.4 | 40.4 | - 67.3 | 13.2 | 07 | 6 | - 0.5 | 5.2 | 3.6 | -1.4 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Arogyavaram | 28.6 | +0.3 | 30.6 | 30 | 17.7 | -2.4 | 14.0 | 31 | 15.0 | 48.0 | -104.1 | 12.0 | 07 | 7 | - 0.9 | 9.0 | 6.0 | +0.2 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADRAS STATE (INCLUDING PONDICHERRY) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 30.6 | -0.9 | 33.2 | 02 | 24.1 | -0.3 | 21.0 | 30 | 104.8 | 230.3 | - 58.4 | 53.0 | 19 | 7 | - 3.5 | 6.8 | 5.0 | -0.2 | 0 | 11 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Madras (Minambakkam) | 31.0 | -0.8 | 34.1 | 02 | 24.1 | -0.3 | 21.6 | 30 | 87.2 | 303.0 | - 2.8 | 76.4 | 06 | 9 | - 1.4 | 10.5 | 6.6 | -2.6 | 0 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Vellore | 30.6 | -1.2 | 34.1 | 14 | 21.8 | -1.2 | 17.5 | 29 | 107.4 | 258.4 | + 85.4 | 56.0 | 22 | 11 | + 1.7 | 8.7 | 5.3 | +0.4 | 0 | 15 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Tambaram (Aerodrome) | 31.5 | .. | 34.8 | 14 | 23.7 | .. | 21.1 | 30 | 106.6 | 273.3 | .. | 73.1 | 19 | 9 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Tiruppattur | 30.9 | +0.3 | 33.8 | 04 | 20.9 | -0.6 | 17.1 | 31 | 64.7 | 291.8 | +100.3 | 156.3 | 15 | 9 | - 3.4 | 6.4 | 3.6 | +0.6 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mettur Dam R.S. | 31.0 | .. | 33.5 | 15 | 20.9 | .. | 18.5 | 29 | 60.4 | 335.0 | .. | 111.2 | 04 | 11 | .. | 1.4 | 1.4 | .. | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Cuddalore | 30.5 | -1.0 | 34.0 | 13 | 23.9 | -0.4 | 21.3 | 30 | 225.3 | 506.7 | +240.0 | 134.9 | 20 | 10 | - 0.4 | 10.3 | 7.6 | +0.2 | 0 | 13 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Kallakkurichchi | 30.2 | -2.3 | 34.2 | 14 | 22.9 | -0.9 | 21.1 | 30 | 178.6 | 298.2 | +127.4 | 57.8 | 20 | 14 | + 4.4 | 7.0 | 5.0 | .. | 0 | 17 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Salem | 30.3 | -1.6 | 33.1 | 03 | 22.1 | -0.7 | 19.1 | 29 | 140.7 | 415.1 | +249.2 | 135.6 | 15 | 16 | + 6.3 | 6.5 | 4.6 | -0.7 | 1 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coimbatore (Pilamedu) | 29.5 | -1.4 | 31.7 | 15 | 21.2 | -0.7 | 18.2 | 30 | 47.3 | 142.4 | + 18.9 | 37.6 | 23 | 13 | + 3.3 | 15.9 | 12.3 | -4.0 | 0 | 17 | 0 | 0 | 7 | 3 | 0 | 0 | 0 | 0 |
| Coimbatore | 29.9 | -0.5 | 32.6 | 15 | 21.1 | -0.9 | 19.2 | 31 | .. | 216.3 | + 54.8 | 50.4 | 23 | 14 | + 4.2 | . | 6.5 | -1.3 | 1 | 17 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Nagapattinam | 30.5 | -0.9 | 34.0 | 13 | 24.7 | -0.3 | 22.9 | 30 | 138.4 | 353.0 | +111.2 | 99.8 | 19 | 13 | + 3.0 | 11.6 | 10.4 | +1.7 | 1 | 16 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Tiruchchirappalli | 30.7 | -1.6 | 34.1 | 14 | 23.3 | -0.6 | 21.3 | 30 | 208.2 | 299.0 | +123.5 | 161.6 | 19 | 10 | + 0.9 | 10.3 | 8.2 | -2.7 | 0 | 14 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Vedaranniyam | 31.1 | .. | 33.7 | 13 | 24.6 | .. | 22.7 | 30 | 99.9 | 414.8 | .. | 92.7 | 07 | 14 | .. | 5.8 | 4.5 | .. | 0 | 14 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Atirampattinam | 30.8 | .. | 33.6 | 13 | 24.1 | .. | 21.6 | 30 | 141.0 | 474.2 | .. | 121.6 | 18 | 15 | .. | 9.2 | 7.8 | .. | 0 | 17 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Madurai | 31.1 | -1.9 | 34.4 | 03 | 23.6 | -0.4 | 22.3 | 26 | .. | 253.9 | + 69.8 | 64.8 | 15 | 14 | + 4.0 | . | 5.4 | +0.5 | 1 | 17 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Madurai Aerodrome | 30.5 | -2.4 | 34.3 | 03 | 22.6 | -1.2 | 21.3 | 26 | 36.7 | 216.8 | + 99.9 | 63.3 | 04 | 13 | + 3.4 | 9.5 | 7.4 | -0.8 | 0 | 19 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| Tondi | 30.1 | -0.9 | 33.8 | 01 | 23.8 | -1.0 | 22.1 | 18 | 93.4 | 438.6 | +235.1 | 115.8 | 18 | 16 | + 6.6 | 11.8 | 10.1 | -2.5 | 0 | 17 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| Pamban (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Tuticorin | 30.9 | -1.0 | 35.0 | 02 | 23.3 | -1.8 | 20.9 | 19 | 8.0 | 172.5 | + 49.7 | 48.4 | 07 | 9 | + 1.5 | 14.5 | 13.0 | +0.7 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Palayankottai | 32.3 | -1.6 | 38.3 | 04 | 23.1 | -2.0 | 21.4 | 24 | 143.4 | 292.7 | +118.7 | 55.4 | 18 | 12 | + 3.5 | 8.6 | 6.0 | -2.5 | 1 | 13 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kanniyakumari | 30.6 | .. | 33.2 | 29 | 24.4 | .. | 21.7 | 18 | 16.7 | 91.5 | .. | 39.4 | 18 | 7 | .. | 14.8 | 12.6 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | .. | .. | .. | .. | 23.3 | -0.3 | 18.6 | 30 | 21.8 | 105.1 | - 42.2 | 44.2 | 03 | 4 | - 3.3 | 5.0 | 3.8 | .. | 1 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Honavar | 31.5 | +0.9 | 35.0 | 29 | 23.4 | +0.2 | 19.6 | 29 | 38.2 | 97.3 | - 26.9 | 36.6 | 21 | 5 | - 1.6 | .. | .. | .. | 0 | 10 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 30.7 | +0.7 | 33.2 | 31 | 22.9 | 0.0 | 19.2 | 29 | 118.1 | 316.2 | + 89.5 | 49.0 | 24 | 14 | + 2.6 | 8.3 | 6.8 | +0.4 | 1 | 17 | 0 | 0 | 16 | 0 | 2 | 0 | 0 | 0 |
| Mangalore | 30.1 | +0.3 | 32.0 | 29 | 23.6 | -0.2 | 22.2 | 20 | 46.0 | 300.0 | + 92.0 | 74.4 | 15 | 16 | + 5.8 | 9.8 | 8.1 | +0.8 | 0 | 20 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| INTERIOR MYSORE, NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 30.8 | +1.3 | 32.6 | 11 | 20.6 | 0.0 | 18.4 | 29 | 38.9 | 44.1 | - 15.3 | 35.7 | 17 | 2 | - 1.6 | 8.1 | 3.5 | -5.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gulbarga | 33.3 | +1.4 | 35.0 | 25 | 20.6 | -0.4 | 16.6 | 28 | 18.0 | 20.0 | - 44.3 | 18.0 | 19 | 1 | - 3.2 | 14.1 | 8.8 | -2.4 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Bijapur | 33.8 | +2.8 | 35.4 | 10 | 21.6 | +1.0 | 17.8 | 28 | 0.0 | 16.0 | - 60.7 | 8.2 | 16 | 2 | - 2.7 | 7.9 | 5.0 | -0.5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raichur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Belgaum | 30.8 | +0.7 | 33.7 | 27 | 19.1 | +0.5 | 14.3 | 30 | 31.4 | 104.8 | - 4.2 | 47.0 | 03 | 5 | - 2.1 | 10.4 | 5.8 | -2.3 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| INTERIOR MYSORE, NORTH (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum (Samra) | 29.9 | +1.6 | 31.6 | 26 | 19.2 | -0.1 | 15.2 | 30 | 42.2 | 91.6 | - 94.3 | 53.8 | 03 | 4 | - 5.1 | 9.9 | 5.8 | -4.1 | 0 | 7 | 0 | 0 | 6 | 1 | 0 | 0 | 0 | 0 |
| Gadag | 31.6 | +0.8 | 34.2 | 12 | 20.5 | +0.3 | 17.1 | 31 | 9.7 | 58.9 | - 53.1 | 29.1 | 17 | 3 | - 3.8 | 9.6 | 7.2 | -0.6 | 0 | 5 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 |
| INTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 32.9 | +1.6 | 35.5 | 02 | 21.7 | -0.6 | 16.0 | 29 | 3.0 | 37.0 | - 68.2 | 20.0 | 22 | 4 | - 1.4 | 7.1 | 4.5 | -1.0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 28.7 | -0.9 | 30.8 | 11 | 20.1 | -0.2 | 16.8 | 30 | 51.2 | 184.6 | + 63.9 | 46.4 | 23 | 11 | + 4.5 | 8.6 | 5.9 | -0.4 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 29.7 | +0.5 | 31.1 | 05 | 18.5 | -1.8 | 12.4 | 30 | 46.8 | 163.8 | - 4.8 | 50.8 | 05 | 10 | + 0.8 | 6.3 | 3.4 | -0.6 | 0 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Agumbe | 27.4 | .. | 29.8 | 27 | 18.4 | .. | 11.2 | 29 | .. | 142.0 | .. | 22.0 | 17 | 14 | .. | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 27.1 | +1.0 | 29.5 | 27 | 18.3 | +0.4 | 16.7 | 31 | .. | 119.0 | - 75.6 | 36.0 | 21 | 14 | + 3.4 | .. | .. | .. | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 26.6 | -1.0 | 28.9 | 14 | 17.3 | -1.3 | 13.4 | 31 | 14.6 | 151.8 | - 8.5 | 57.8 | 21 | 10 | + 0.6 | 6.8 | 4.5 | -2.4 | 0 | 14 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 27.4 | -0.1 | 29.4 | 11 | 18.8 | -0.1 | 14.0 | 29 | 61.8 | 184.6 | + 31.2 | 58.5 | 04 | 8 | - 0.3 | 10.8 | 8.0 | -0.2 | 0 | 16 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 27.1 | -1.2 | 28.8 | 04 | 18.3 | -1.0 | 14.4 | 30 | 25.1 | 89.1 | -104.3 | 28.3 | 15 | 8 | - 1.6 | .. | .. | .. | 0 | 15 | 0 | 0 | 4 | 2 | 0 | 0 | 0 | 0 |
| Mysore | 27.3 | -1.1 | 29.5 | 14 | 19.6 | 0.0 | 15.6 | 29 | 13.0 | 117.5 | - 36.2 | 56.0 | 15 | 9 | 0.0 | 13.5 | 9.6 | +1.7 | 0 | 9 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| KERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 30.6 | +0.2 | 32.3 | 29 | 23.2 | -0.6 | 20.2 | 22 | 42.9 | 476.1 | +213.5 | 99.7 | 24 | 16 | + 5.0 | 8.3 | 5.9 | -2.9 | 0 | 17 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 31.1 | +0.4 | 34.0 | 27 | 22.9 | -0.5 | 21.6 | 31 | 58.2 | 310.8 | +100.6 | 47.8 | 18 | 14 | + 2.5 | 8.9 | 6.5 | -2.2 | 0 | 19 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 29.8 | +0.6 | 32.5 | 30 | 23.6 | -0.6 | 22.4 | 24 | 30.3 | 406.2 | + 80.1 | 75.3 | 07 | 18 | + 4.2 | 10.9 | 7.4 | -0.4 | 0 | 23 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 30.6 | .. | 32.6 | 30 | 23.9 | .. | 22.3 | 16 | 24.2 | 313.9 | .. | 78.7 | 07 | 14 | .. | 8.7 | 8.4 | .. | 1 | 20 | 0 | 0 | 19 | 1 | 0 | 0 | 0 | 0 |
| Alleppey | 30.2 | +0.5 | 31.7 | 29 | 24.0 | +0.2 | 23.0 | 24 | 71.4 | 485.4 | +135.5 | 79.2 | 07 | 16 | + 0.5 | 12.9 | 9.5 | -0.9 | 0 | 18 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| Punalur | 31.7 | +0.5 | 34.6 | 29 | 22.1 | -0.3 | 21.3 | 17 | 211.8 | 517.8 | +131.7 | 81.6 | 24 | 15 | + 1.0 | 2.9 | 2.3 | -1.0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 31.0 | +1.1 | 33.2 | 14 | 22.5 | -0.9 | 21.4 | 08 | 8.1 | 18.2 | -255.1 | 6.5 | 15 | 3 | - 9.3 | 8.0 | 5.5 | -1.8 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 29.9 | +0.1 | 31.5 | 29 | 23.4 | -0.2 | 22.3 | 27 | 19.2 | 290.7 | + 78.1 | 79.2 | 17 | 13 | + 2.8 | . | 7.3 | +0.4 | 2 | 16 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 30.0 | -0.4 | 31.6 | 31 | 24.6 | -0.6 | 22.1 | 04 | 68.3 | 342.0 | +200.9 | 73.8 | 21 | 10 | + 1.6 | 13.2 | 13.1 | +3.0 | 1 | 11 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 29.8 | .. | 31.6 | 28 | 25.6 | .. | 23.0 | 07 | 69.0 | 187.2 | .. | 52.4 | 07 | 9 | .. | 8.9 | 9.0 | .. | 0 | 11 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Androth | 30.7 | .. | 31.7 | 30 | 25.1 | .. | 22.7 | 20 | 49.4 | 260.4 | .. | 65.2 | 20 | 11 | .. | 4.3 | 3.3 | .. | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 30.1 | +0.5 | 31.4 | 23 | 24.4 | -0.2 | 22.7 | 20 | 154.7 | 274.7 | + 95.6 | 85.7 | 20 | 12 | + 1.4 | 10.5 | 9.3 | -0.9 | 2 | 17 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 23.4 | +1.8 | 25.1 | 18 | 8.6 | -3.1 | 5.1 | 20 | 2.2 | 13.7 | - 17.8 | 4.0 | 05 | 2 | 0.0 | 1.5 | 3.5 | +0.4 | 0 | 8 | 0 | 4 | 7 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 25.4 | +1.0 | 26.9 | 20 | 14.6 | -1.5 | 12.2 | 29 | 0.0 | 20.2 | - 97.3 | 7.8 | 11 | 4 | + 0.5 | 6.4 | 4.5 | +0.4 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 25.6 | .. | 29.3 | 04 | 8.6 | .. | 5.1 | 29 | 10.7 | 46.3 | .. | 15.2 | 05 | 5 | .. | 7.3 | 5.1 | .. | 1 | 7 | 0 | 2 | 5 | 0 | 0 | 0 | 0 | 0 |
| Simla | 18.7 | +0.8 | 21.5 | 04 | 9.8 | -1.0 | 6.8 | 20 | 29.7 | 49.7 | + 16.4 | 24.6 | 07 | 5 | + 2.8 | 1.6 | 1.2 | -1.9 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Ghangaria (Kanjalia Tok) | 12.8 | .. | 15.2 | 11 | 1.9 | .. | 0.4 | 22 | .. | 58.4 | .. | 20.0 | 03 | 5 | .. | .. | .. | .. | 0 | 9 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Badrinath (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 20.3 | -0.9 | 23.6 | 09 | 9.1 | -1.5 | 6.4 | 25 | 22.7 | 32.0 | - 31.2 | 17.4 | 03 | 4 | - 0.7 | 5.5 | 6.3 | +0.5 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mussoorie | 19.2 | +0.5 | 23.6 | 13 | 10.3 | -0.8 | 6.1 | 21 | 5.6 | 12.2 | - 32.1 | 4.8 | 01 | 2 | - 0.4 | 10.4 | 8.4 | +2.3 | 0 | 4 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 19.3 | +0.9 | 21.5 | 05 | 9.5 | -0.4 | 6.3 | 06 | 19.0 | 30.0 | - 13.4 | 18.0 | 06 | 3 | + 0.7 | 14.9 | 13.5 | +3.3 | 1 | 4 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 0 |
| Nainital | 18.6 | +0.1 | 20.4 | 05 | 9.5 | -0.3 | 7.4 | 24 | 23.0 | 29.0 | -276.2 | 19.0 | 06 | 3 | - 2.5 | 7.8 | 6.9 | -0.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 22.3 | -1.0 | 23.5 | 01 | 15.3 | -0.8 | 12.5 | 29 | 10.4 | 39.8 | - 64.6 | 16.2 | 20 | 3 | - 1.5 | 7.3 | 5.6 | -2.8 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 17.8 | -0.8 | 21.0 | 01 | 8.9 | -2.6 | 7.6 | 24 | 10.8 | 42.4 | -100.1 | 12.0 | 19 | 5 | - 0.3 | 2.0 | 1.6 | -0.2 | 0 | 8 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Kohima | 22.1 | +0.1 | 24.1 | 11 | .. | .. | .. | .. | 62.9 | 212.6 | + 69.2 | 120.8 | 02 | 9 | - 0.1 | . | 2.1 | -1.3 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) | 20.7 | -1.6 | 24.0 | 11 | 13.4 | +1.4 | 11.2 | 25 | 147.5 | 247.1 | + 58.9 | 133.6 | 02 | 9 | - 1.3 | .. | .. | .. | 0 | 14 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Cherrapunji | 23.4 | +1.0 | 25.2 | 11 | 13.9 | -2.0 | 12.0 | 22 | 103.2 | 152.1 | -332.5 | 89.3 | 02 | 6 | - 3.2 | 5.4 | 5.0 | -1.1 | 0 | 11 | 0 | 0 | 1 | 9 | 0 | 0 | 0 | 0 |
| Abu | 28.8 | +2.2 | 31.3 | 18 | 17.5 | +0.1 | 14.4 | 27 | 0.0 | 0.0 | - 20.3 | 0.0 | .. | 0 | - 1.1 | 7.6 | 5.1 | +0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 28.8 | +2.6 | 31.9 | 03 | 14.9 | +0.1 | 11.1 | 26 | 16.8 | 16.8 | - 46.5 | 11.6 | 08 | 2 | - 1.0 | 4.5 | 2.7 | -0.9 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 26.5 | +2.5 | 28.0 | 25 | 16.9 | +0.8 | 15.2 | 25 | 39.1 | 53.5 | -100.9 | 21.1 | 04 | 4 | - 3.4 | 13.1 | 12.2 | +1.9 | 1 | 5 | 0 | 0 | 2 | 6 | 0 | 0 | 0 | 0 |
| Mercara | 23.6 | -0.1 | 27.0 | 11 | 16.5 | -0.5 | 13.6 | 25 | 151.2 | 252.6 | + 52.7 | 70.0 | 17 | 13 | + 0.3 | 11.1 | 9.5 | +1.1 | 0 | 17 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 |
| Ootacamund | 19.1 | +0.4 | 21.5 | 27 | 9.2 | -0.8 | 4.0 | 31 | 69.0 | 285.6 | + 83.4 | 44.4 | 15 | 17 | + 3.4 | 9.3 | 6.0 | +2.6 | 0 | 20 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 20.7 | 0.0 | 23.5 | 12 | 11.9 | -1.5 | 6.8 | 31 | .. | 481.0 | +197.6 | 108.4 | 22 | 17 | + 2.5 | .. | .. | .. | 0 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 17.1 | +0.1 | 19.4 | 14 | 10.2 | -0.7 | 7.8 | 25 | 116.4 | 217.3 | - 39.2 | 40.8 | 19 | 15 | - 0.5 | 11.5 | 13.0 | +2.9 | 1 | 20 | 0 | 0 | 11 | 8 | 0 | 0 | 0 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 25.6 | -0.7 | 28.2 | 13 | 11.1 | -2.4 | 6.9 | 29 | 0.8 | 9.4 | - 37.9 | 6.0 | 03 | 1 | - 3.1 | 0.9 | 0.3 | -1.0 | 1 | 4 | 0 | 0 | 3 | 15 | 0 | 0 | 0 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 15.3 | +0.9 | 15.5 | 06ds | .. | .. | .. | .. | .. | 48.1 | - 70.2 | 12.5 | 17 | 7 | - 4.2 | .. | .. | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROMETEOROLOGICAL OBSERVATORIES DAMODAR CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 32.5 | .. | 35.0 | 04 | 19.4 | .. | 13.8 | 27 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 7.3 | 4.2 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 30.8 | .. | 33.5 | 04 | 17.4 | .. | 13.3 | 29 | 0.1 | 1.7 | .. | 1.5 | 02 | 0 | .. | 5.6 | 3.5 | .. | 2 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Konar | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 14.5 | .. | 9.0 | 02 | 2 | .. | 8.7 | 6.4 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 33.8 | .. | 36.9 | 04 | 15.6 | .. | 8.5 | 27 | 3.4 | 4.8 | .. | 3.4 | 14 | 1 | .. | 2.7[c] | 2.2[c] | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maithon | 33.2 | .. | 36.0 | 19 | 19.7 | .. | 14.2 | 27 | 6.7 | 32.1 | .. | 9.6 | 04 | 4 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 5 | 0 | 2 | 0 | 0 | 0 |
| Ramgarh | 33.9 | .. | 36.2 | 04 | 18.0 | .. | 10.6 | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Panchet Hills | 32.0 | .. | 34.5 | 25 | 21.5 | .. | 16.2 | 27 | 41.4 | 48.6 | .. | 19.3 | 04 | 4 | .. | 5.1 | 3.1 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 31.6 | .. | 39.0 | 14 | 20.6 | .. | 16.6 | 30 | 19.0 | 25.8 | .. | 9.2 | 14 | 4 | .. | 8.2 | 6.9 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 32.8 | .. | 33.9 | 07 | 17.1 | .. | 10.5 | 29 | .. | 37.8 | .. | 18.9 | 14 | 3 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 33.7 | .. | 35.6 | 09 | 22.2 | .. | 16.2 | 28 | 20.1 | 38.2 | .. | 37.3 | 14 | 1 | .. | 3.0 | 1.8 | .. | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 31.5 | .. | 34.0 | 08 | 20.0 | .. | 13.8 | 28 | 58.5 | 95.3 | .. | 67.0 | 15 | 3 | .. | 1.2[o] | 1.2[n] | .. | 1 | 4 | 0 | 0 | 10 | 4 | 0 | 0 | 0 | 0 |
| Sonepur | 32.9 | .. | 35.5 | 09 | 22.7 | .. | 16.1 | 28 | .. | 28.3 | .. | 14.3 | 15 | 3 | .. | . | 2.0 | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 32.5 | .. | 35.2 | 04 | 19.7 | .. | 14.1 | 28 | 0.0 | 14.2 | .. | 11.0 | 15 | 2 | .. | 6.3 | 3.7 | .. | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dagra Tawa | 35.2 | .. | 37.0 | 09 | 16.5 | .. | 10.6 | 17 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 6.3[c] | 4.5[d] | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 36.1 | .. | 37.8 | 11 | 19.5 | .. | 14.6 | 26 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.4 | 4.3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 38.6 | .. | 42.2 | 11 | 24.7 | .. | 21.4 | 11 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 38.2 | .. | 39.6 | 07 | 16.4 | .. | 12.0 | 25 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 18.2 | .. | 20.9 | 14 | 4.8 | .. | 2.2 | 27 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 25.3 | .. | 27.1 | 13 | 14.8 | .. | 12.9 | 31 | 15.8 | 54.4 | .. | 18.0 | 05 | 5 | .. | .. | .. | .. | 1 | 11 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 23.4 | .. | 25.9 | 13 | 10.1[h] | .. | 6.5 | 27 | 0.0 | 2.7 | .. | 1.5 | 05 | 0 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 25.5 | .. | 27.5 | 13 | 16.0 | .. | 13.6 | 28 | 44.0 | 130.5 | .. | 27.8 | 03 | 9 | .. | 2.1 | 1.3 | .. | 0 | 17 | 0 | 0 | 9 | 1 | 0 | 0 | 0 | 0 |
| Gorkha | 24.6 | .. | 27.0 | 01 | 15.7 | .. | 14.2 | 31 | 0.9 | 49.9 | .. | 34.2 | 06 | 3 | .. | .. | .. | .. | 0 | 4 | 0 | 0 | 8 | 11 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 69.0 | .. | 40.5 | 05 | 2 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 23.3 | .. | 26.4 | 03 | 13.3 | .. | 11.1 | 25 | 0.8 | 15.8 | .. | 9.4 | 03 | 2 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | .. | Temporarily closed from 26.5.1966 | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 24.5 | .. | 25.9 | 16 | 14.0 | .. | 11.9 | 25 | 2.4 | 4.4 | .. | 2.4 | 06 | 0 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 30.3 | .. | 32.4 | 13 | 20.8 | .. | 18.9 | 30 | 3.2 | 58.0 | .. | 30.0 | 05 | 5 | .. | .. | .. | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | Data included under Nepal | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 11.3 | .. | 14.1 | 13 | - 4.9 | .. | - 7.1 | 28 | 10.9 | 22.8 | .. | 6.1 | 05 | 3 | .. | .. | .. | .. | 0 | 7 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 25.4 | .. | 27.7 | 13 | 13.2 | .. | 11.4 | 24 | 14.2 | 60.4 | .. | 22.8 | 05 | 5 | .. | .. | .. | .. | 1 | 12 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 20.4 | .. | 22.9 | 01 | 13.6 | .. | 11.9 | 24 | 13.9 | 27.7 | .. | 16.2 | 18 | 2 | .. | .. | .. | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 20.3 | .. | 23.4 | 13 | 11.4 | .. | 9.8 | 29 | 1.6 | 64.7 | .. | 22.6 | 21 | 6 | .. | .. | .. | .. | 1 | 11 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Okhaldhunga | .. | .. | .. | .. | 11.9 | .. | 10.3 | 24 | 26.9 | 39.9 | .. | 11.4 | 03 | 5 | .. | 3.3 | 2.4 | .. | 0 | 7 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Chainpur | 24.2 | .. | 26.5 | 01 | 15.2 | .. | 14.1 | 18 | 3.0 | 85.0 | .. | 32.5 | 06 | 7 | .. | .. | .. | .. | 0 | 8 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung | 25.2 | .. | 27.3 | 12 | .. | .. | .. | .. | 0.0 | 31.3 | .. | 12.3 | 06 | 4 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 29.4 | .. | 31.9 | 12 | 19.7 | .. | 17.3 | 30 | 22.8 | 61.5 | .. | 20.7 | 03 | 6 | .. | 5.3 | 4.1 | .. | 1 | 8 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 21.1 | .. | 24.3 | 01 | 11.4 | .. | 10.0 | 28 | 51.7 | 166.6 | .. | 45.8 | 15 | 15 | .. | 4.1 | 3.7 | .. | 0 | 18 | 0 | 0 | 4 | 8 | 0 | 0 | 0 | 0 |
| Gezing | 23.2 | .. | 27.1 | 01 | 12.4 | .. | 10.3 | 29 | 7.0 | 52.5 | .. | 15.2 | 05 | 6 | .. | .. | .. | .. | 0 | 12 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1011.3 | 1008.2 | +0.0 | 28.1 | 25.7 | 24.7 | 31.1 | 82 | - 1 | 4.2 | -1.0 | 4.2 | 0 | 0 | 23 | 00 | 15 | 3 | 2 | 0 | 1 | 1 | 1 | 6 | 0 |
| | 1730 | 28 | 1008.4 | 1005.3 | -0.3 | 27.2 | 24.9 | 23.9 | 29.7 | 83 | - 3 | 4.3 | -0.8 | 4.8 | 0 | 0 | 23 | 00 | 8 | 5 | 3 | 0 | 3 | 3 | 1 | 5 | 0 |
| Long Island | 0830 | 25 | 1011.8 | 1009.0 | +0.7 | 28.3 | 26.1 | 25.2 | 32.1 | 83 | - 1 | 4.8 | -1.1 | 0.6 | 0 | 0 | 6 | 00 | 1 | 0 | 1 | 0 | 4 | 0 | 0 | 25 | 0 |
| | 1730 | 25 | 1008.9 | 1006.1 | +0.4 | 26.4 | 24.9 | 24.3 | 30.4 | 68 | - 1 | 4.9 | -0.6 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 30 | 0 |
| Port Blair | 0530 | 79 | 1009.9 | 1000.9 | .. | 24.4 | 23.8 | 23.5 | 28.9 | 95 | .. | 4.8 | .. | 2.9 | 0 | 0 | 16 | 00 | 5 | 0 | 1 | 2 | 4 | 4 | 0 | 15 | 0 |
| | 0830 | 79 | 1011.6 | 1002.7 | +0.4 | 28.7 | 25.9 | 24.7 | 31.1 | 79 | - 2 | 5.8 | -0.9 | 6.2 | 0 | 1 | 24 | 04 | 7 | 4 | 2 | 5 | 1 | 1 | 1 | 6 | 0 |
| | 1130 | 79 | 1009.9 | 1001.1 | .. | 29.2 | 26.1 | 24.7 | 31.1 | 77 | .. | 6.2 | .. | 9.3 | 0 | 2 | 27 | 02 | 10 | 6 | 7 | 1 | 1 | 1 | 1 | 2 | 0 |
| | 1430 | 79 | 1007.9 | 999.1 | .. | 28.3 | 25.6 | 24.5 | 30.7 | 80 | .. | 6.3 | .. | 7.7 | 0 | 3 | 25 | 00 | 12 | 4 | 3 | 4 | 2 | 1 | 2 | 3 | 0 |
| | 1730 | 79 | 1008.9 | 999.9 | +0.3 | 26.5 | 24.7 | 23.9 | 29.7 | 86 | - 3 | 5.9 | -0.4 | 4.9 | 0 | 0 | 22 | 01 | 6 | 3 | 2 | 4 | 2 | 2 | 2 | 5 | 0 |
| | 2030 | 79 | 1011.0 | 1002.0 | .. | 25.7 | 24.5 | 24.0 | 29.8 | 91 | .. | 3.3 | .. | 4.2 | 0 | 0 | 18 | 01 | 6 | 2 | 2 | 2 | 3 | 2 | 0 | 13 | 0 |
| | 2330 | 79 | 1010.3 | 1001.3 | .. | 25.2 | 24.4 | 24.0 | 29.8 | 93 | .. | 4.7 | .. | 4.5 | 0 | 1 | 17 | 00 | 7 | 2 | 1 | 3 | 3 | 2 | 0 | 13 | 0 |
| Car Nicobar | 0830 | 10 | 1011.2 | 1010.0 | +0.2 | 28.4 | 25.7 | 24.5 | 30.7 | 80 | - 2 | 5.5 | -0.5 | 1.1 | 0 | 0 | 16 | 01 | 11 | 1 | 1 | 0 | 2 | 0 | 0 | 15 | 0 |
| | 1730 | 10 | 1008.6 | 1007.4 | +0.0 | 26.6 | 25.2 | 24.6 | 30.9 | 89 | + 0 | 5.5 | +0.0 | 0.6 | 0 | 0 | 9 | 00 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 22 | 0 |
| Nancowry | 0830 | 26 | 1011.7 | 1008.8 | +0.1 | 27.4 | 25.4 | 24.5 | 30.7 | 85 | + 1 | 5.6 | -0.4 | 3.7 | 0 | 0 | 22 | 00 | 1 | 0 | 0 | 2 | 10 | 6 | 3 | 9 | 0 |
| | 1730 | 26 | 1008.9 | 1006.0 | -0.1 | 26.5 | 24.8 | 24.1 | 30.0 | 87 | + 0 | 5.2 | -0.5 | 2.2 | 0 | 0 | 14 | 00 | 0 | 0 | 0 | 2 | 4 | 5 | 3 | 17 | 0 |
| Kondul | 0830 | 8 | .. | 1011.2 | +0.5 | 27.3 | 25.2 | 24.3 | 30.4 | 84 | - 1 | 5.5 | -0.6 | 3.4 | 0 | 0 | 23 | 00 | 1 | 9 | 9 | 3 | 1 | 0 | 0 | 8 | 0 |
| | 1730 | 8 | .. | 1008.6 | +0.6 | 26.2 | 24.7 | 24.1 | 30.0 | 88 | - 2 | 5.5 | -0.8 | 3.5 | 0 | 1 | 16 | 00 | 2 | 2 | 8 | 4 | 1 | 0 | 0 | 14 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 0830 | 157 | 1014.1 | 996.1 | +1.1 | 23.0 | 19.6 | 17.5 | 20.0 | 72 | - 4 | 4.3 | -1.1 | 15.0 | 0 | 8 | 23 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 | 0 |
| | 1730 | 157 | 1009.7 | 991.8 | +0.5 | 23.9 | 21.4 | 20.0 | 23.4 | 80 | - 5 | 3.5 | -0.9 | 3.3 | 0 | 2 | 9 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 10 | 20 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1011.4 | 998.5 | .. | 20.0 | 19.3 | 18.9 | 21.8 | 94 | .. | 3.3 | .. | 1.2 | 0 | 0 | 7 | 00 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 111 | 1012.4 | 999.5 | .. | 19.3 | 18.8 | 18.5 | 21.3 | 95 | .. | 4.4 | .. | 1.9 | 0 | 0 | 9 | 00 | 5 | 2 | 0 | 0 | 1 | 0 | 1 | 22 | 0 |
| | 0830 | 111 | 1014.1 | 1001.4 | +1.5 | 23.9 | 21.3 | 19.9 | 23.2 | 79 | - 3 | 4.1 | -1.3 | 5.3 | 0 | 0 | 30 | 02 | 19 | 8 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| | 1130 | 111 | 1012.1 | 999.5 | .. | 27.0 | 22.3 | 19.8 | 23.1 | 66 | .. | 4.0 | .. | 6.0 | 0 | 0 | 30 | 03 | 13 | 9 | 2 | 1 | 0 | 2 | 0 | 1 | 0 |
| | 1430 | 111 | 1009.3 | 996.8 | .. | 28.2 | 22.9 | 20.2 | 23.7 | 53 | .. | 3.3 | .. | 4.8 | 0 | 0 | 27 | 03 | 11 | 2 | 4 | 1 | 4 | 0 | 2 | 4 | 0 |
| | 1730 | 111 | 1009.7 | 997.1 | +1.1 | 24.6 | 22.3 | 21.2 | 25.2 | 82 | - 3 | 3.0 | -1.5 | 0.9 | 0 | 0 | 5 | 00 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 26 | 0 |
| | 2030 | 111 | 1011.6 | 999.0 | .. | 21.7 | 20.6 | 20.0 | 23.4 | 90 | .. | 2.7 | .. | 1.3 | 0 | 1 | 5 | 02 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 2330 | 111 | 1012.0 | 999.2 | .. | 20.5 | 19.8 | 19.4 | 22.5 | 93 | .. | 3.1 | .. | 1.3 | 0 | 1 | 5 | 00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Digboi | 0830 | 152 | 1013.9 | 996.4 | +0.7 | 23.4 | 21.6 | 20.6 | 24.3 | 85 | - 1 | 3.4 | -2.7 | 4.0 | 0 | 0 | 28 | 08 | 6 | 2 | 3 | 4 | 1 | 2 | 2 | 3 | 0 |
| | 1730 | 152 | 1010.4 | 993.0 | +0.9 | 25.0 | 22.4 | 21.1 | 25.0 | 79 | + 0 | 2.5 | -3.1 | 1.6 | 0 | 0 | 11 | 00 | 2 | 2 | 0 | 3 | 0 | 3 | 1 | 20 | 0 |
| North Lakhimpur | 0830 | 102 | 1013.9 | 1002.2 | +1.1 | 24.4 | 21.3 | 19.6 | 22.8 | 76 | - 7 | 3.8 | -1.4 | 4.0 | 0 | 0 | 23 | 06 | 6 | 2 | 2 | 2 | 2 | 2 | 1 | 8 | 0 |
| | 1130 | 102 | 1012.2 | 1000.6 | .. | 27.5 | 22.4 | 19.7 | 22.9 | 63 | .. | 4.8 | .. | 5.5 | 0 | 0 | 29 | 02 | 10 | 7 | 6 | 3 | 1 | 0 | 0 | 2 | 0 |
| | 1430 | 102 | 1009.4 | 997.9 | .. | 28.2 | 22.5 | 19.5 | 22.7 | 60 | .. | 3.5 | .. | 6.2 | 0 | 2 | 28 | 02 | 6 | 7 | 6 | 2 | 3 | 1 | 1 | 1 | 0 |
| | 1730 | 102 | 1009.8 | 998.2 | +1.0 | 24.7 | 22.2 | 20.9 | 24.7 | 79 | - 8 | 3.3 | -1.1 | 3.0 | 0 | 0 | 21 | 00 | 6 | 2 | 2 | 3 | 2 | 3 | 3 | 10 | 0 |
| | 2030 | 102 | 1011.8 | 1000.1 | .. | 21.9 | 20.9 | 20.4 | 24.0 | 91 | .. | 2.6 | .. | 2.5 | 0 | 1 | 15 | 01 | 6 | 0 | 1 | 1 | 0 | 4 | 3 | 15 | 0 |
| Sibsagar | 0830 | 97 | 1014.1 | 1003.0 | +1.3 | 24.6 | 22.2 | 20.8 | 24.6 | 81 | - 5 | 4.2 | -1.8 | 2.3 | 0 | 0 | 26 | 12 | 9 | 2 | 0 | 2 | 1 | 0 | 0 | 5 | 0 |
| | 1730 | 97 | 1009.4 | 998.5 | +0.9 | 26.5 | 23.3 | 21.7 | 25.9 | 76 | - 9 | 3.1 | -0.9 | 1.0 | 0 | 0 | 12 | 04 | 5 | 1 | 0 | 0 | 2 | 0 | 0 | 19 | 0 |
| Gohpur | 0830 | 83 | 1013.8 | 1004.2 | .. | 23.8 | 22.0 | 21.1 | 25.0 | 85 | - 1 | 4.2 | .. | 2.6 | 0 | 0 | 24 | 00 | 6 | 1 | 14 | 0 | 1 | 0 | 1 | 7 | 1 |
| | 1730 | 83 | 1009.5 | 1000.0 | .. | 24.8 | 22.9 | 21.9 | 26.3 | 83 | + 1 | 2.7 | .. | 1.7 | 0 | 0 | 17 | 00 | 12 | 2 | 1 | 0 | 1 | 0 | 0 | 14 | 1 |
| Majbat | 0830[1] | | .. | .. | .. | 25.2 | 21.7 | 19.8 | 23.1 | 74 | .. | 2.9 | -1.6 | 4.0 | 0 | 0 | 16 | 00 | 14 | 0 | 1 | 0 | 1 | 0 | 0 | 3 | 0 |
| | 1730[1] | | .. | .. | .. | 25.3 | 22.5 | 21.1 | 25.0 | 79 | .. | 3.3 | -0.4 | 0.9 | 0 | 0 | 5 | 00 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 14 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1011.7 | 1001.3 | .. | 20.2 | 20.0 | 19.9 | 23.2 | 99 | .. | 5.6 | .. | 0.5 | 0 | 0 | 5 | 00 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 0830 | 90 | 1013.5 | 1003.3 | .. | 24.4 | 22.5 | 21.5 | 25.6 | 85 | .. | 4.9 | .. | 1.5 | 0 | 0 | 19 | 06 | 9 | 0 | 2 | 0 | 1 | 0 | 1 | 12 | 0 |
| | 1130 | 90 | 1011.5 | 1001.4 | .. | 27.8 | 23.5 | 21.3 | 25.3 | 69 | .. | 4.3 | .. | 3.2 | 0 | 0 | 24 | 04 | 13 | 3 | 0 | 0 | 0 | 3 | 1 | 7 | 0 |
| | 1730 | 90 | 1009.0 | 998.8 | .. | 24.6 | 22.9 | 22.1 | 26.6 | 85 | .. | 2.8 | .. | 1.1 | 0 | 0 | 10 | 03 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 1 |
| | 2330 | 90 | 1011.2 | 1000.9 | .. | 21.6 | 21.3 | 21.1 | 25.0 | 97 | .. | 2.8 | .. | 0.5 | 0 | 0 | 5 | 01 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 26 | 0 |
| Tangla | 0830 | 78 | 1011.7 | 1002.9 | -0.2 | 25.2 | 22.2 | 20.6 | 24.3 | 79 | + 0 | 2.0 | -1.7 | 0.6 | 0 | 0 | 8 | 00 | 0 | 0 | 5 | 0 | 3 | 0 | 0 | 23 | 0 |
| | 1730 | 78 | 1008.8 | 999.9 | +1.0 | 26.7 | 23.8 | 22.5 | 27.3 | 78 | - 4 | 2.0 | -0.6 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 30 | 0 |
| Tezpur | 0830 | 79 | 1014.2 | 1005.2 | +1.1 | 24.0 | 21.6 | 20.3 | 23.8 | 81 | + 0 | 3.5 | -0.5 | 3.8 | 0 | 0 | 30 | 01 | 19 | 6 | 1 | 0 | 3 | 0 | 0 | 1 | 0 |
| | 1730 | 79 | 1009.4 | 1000.5 | +0.7 | 25.6 | 22.0 | 20.1 | 23.5 | 72 | - 8 | 2.5 | -0.3 | 1.2 | 0 | 0 | 6 | 02 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| Golaghat | 0830 | 95 | 1012.8 | 1002.0 | +0.7 | 24.6 | 22.2 | 21.0 | 24.9 | 79 | - 5 | 3.4 | -2.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 95 | 1008.4 | 997.7 | +0.3 | 28.6 | 23.8 | 21.4 | 25.5 | 65 | -15 | 2.4[f] | -2.8 | 0.0[f] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Rangia | 0830 | 60 | 1015.2 | 1008.3 | .. | 26.2 | 23.5 | 22.1 | 26.6 | 79 | + 1 | 2.8 | .. | 5.3 | 0 | 0 | 30 | 00 | 6 | 18 | 1 | 1 | 1 | 2 | 1 | 1 | 0 |
| | 1730 | 60 | 1010.9 | 1004.1 | .. | 26.9 | [illegible] | 22.8 | 27.7 | 79 | + 3 | 2.0 | .. | 0.9 | 0 | 0 | 6 | 00 | 1 | 3 | 1 | 0 | 0 | 0 | 1 | 25 | 0 |
| Chaparmukh | 0830 | 66 | 1014.0 | 1006.5 | +1.3 | 25.5 | [illegible] | 21.7 | 25.9 | 81 | + 1 | 3.3[e] | -1.1 | 3.7[e] | 0 | 0 | 28 | 00 | 7 | 12 | 7 | 1 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 66 | 1009.4 | 1002.0 | +0.9 | 27.8 | 23.9 | 22.1 | 26.6 | 71 | - 8 | 2.8[d] | -0.9 | 1.4[d] | 0 | 0 | 19 | 00 | 9 | 3 | 3 | 0 | 2 | 0 | 2 | 8 | 0 |
| Goalpara | 0830 | 38 | 1013.3 | 1008.9 | +1.6 | 24.3 | 22.2 | 21.1 | 25.0 | 83 | + 1 | 3.3 | -0.5 | 2.2 | 0 | 0 | 29 | 00 | 16 | 2 | 9 | 0 | 0 | 2 | 0 | 2 | 0 |
| | 1730 | 38 | 1008.9 | 1004.6 | +1.2 | 28.6 | 24.2 | 22.1 | 26.8 | 68 | - 9 | 1.7 | -1.1 | 0.8 | 0 | 0 | 11 | 00 | 5 | 0 | 1 | 0 | 1 | 3 | 1 | 20 | 0 |
| Gauhati (Bhorjor) | 0230 | 54 | 1010.5 | 1004.3 | .. | 21.8 | 21.1 | 20.7 | 24.4 | 93 | .. | 2.8 | .. | 2.3 | 0 | 1 | 8 | 00 | 0 | 2 | 1 | 3 | 2 | 1 | 0 | 22 | 0 |
| | 0530 | 54 | 1011.5 | 1005.2 | .. | 21.2 | 20.5 | 20.1 | 23.5 | 94 | .. | 3.5 | .. | 2.5 | 0 | 1 | 8 | 01 | 1 | 1 | 1 | 3 | 2 | 0 | 0 | 22 | 0 |

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NORTH ASSAM (INCLUDING NEFA) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (Contd.) | 0830 | 54 | 1013.2 | 1007.1 | +1.1 | 25.1 | 22.6 | 21.4 | 25.5 | 80 | - 3 | 3.7 | -0.8 | 6.0 | 0 | 2 | 26 | 05 | 5 | 3 | 0 | 4 | 2 | 2 | 5 | 9 | 0 |
| | 1130 | 54 | 1011.4 | 1005.3 | .. | 28.0 | 23.8 | 21.8 | 26.1 | 69 | .. | 3.8 | .. | 6.5 | 0 | 1 | 25 | 09 | 9 | 1 | 0 | 1 | 1 | 0 | 2 | 5 | 3 |
| | 1430 | 54 | 1008.4 | 1002.3 | .. | 29.0 | 23.5 | 20.7 | 24.4 | 61 | .. | 3.6 | .. | 7.6 | 0 | 1 | 26 | 14 | 7 | 2 | 1 | 5 | 0 | 1 | 2 | 4 | 0 |
| | 1730 | 54 | 1009.1 | 1002.9 | +0.8 | 25.9 | 23.1 | 21.6 | 25.9 | 78 | - 7 | 3.8 | -0.4 | 3.9 | 0 | 2 | 6 | 02 | 1 | 1 | 2 | 1 | 0 | 1 | 7 | 23 | 0 |
| | 2030 | 54 | 1011.1 | 1004.9 | .. | 23.6 | 22.4 | 21.8 | 26.1 | 90 | .. | 2.3 | .. | 1.3 | 0 | 0 | 6 | 00 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 25 | 0 |
| | 2330 | 54 | 1011.3 | 1005.1 | .. | 22.5 | 21.5 | 21.0 | 24.9 | 91 | .. | 2.7 | .. | 0.7 | 0 | 0 | 3 | 00 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 28 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1011.4 | 1006.2 | .. | 20.6 | 20.0 | 19.7 | 22.9 | 95 | .. | 2.7 | .. | 4.8 | 0 | 0 | 21 | 02 | 14 | 4 | 1 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 0830 | 45 | 1012.9 | 1007.8 | +1.6 | 25.2 | 22.5 | 21.1 | 25.0 | 78 | - 3 | 3.0 | -0.6 | 7.0 | 0 | 1 | 27 | 02 | 13 | 10 | 1 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 1130 | 45 | 1011.3 | 1006.3 | .. | 28.4 | 24.0 | 21.9 | 26.3 | 68 | .. | 3.8 | .. | 8.1 | 0 | 1 | 30 | 00 | 9 | 15 | 3 | 2 | 4 | 0 | 0 | 9 | 0 |
| | 1730 | 45 | 1008.7 | 1003.6 | +1.1 | 26.6 | 24.0 | 22.8 | 27.7 | 80 | - 5 | 2.6 | -0.4 | 1.6 | 0 | 0 | 11 | 02 | 2 | 3 | 1 | 1 | 2 | 0 | 0 | 20 | 0 |
| Dhubri | 0830 | 35 | 1013.5 | 1009.5 | +1.3 | 25.3 | 22.8 | 21.5 | 25.6 | 80 | - 3 | 2.1 | -1.3 | 10.0 | 0 | 1 | 28 | 01 | 20 | 6 | 1 | 0 | 1 | 0 | 0 | 2 | 0 |
| | 1730 | 35 | 1009.4 | 1005.5 | +1.0 | 26.3 | 23.5 | 22.1 | 26.6 | 78 | + 1 | 1.8 | -1.2 | 4.8 | 0 | 1 | 23 | 04 | 7 | 5 | 3 | 2 | 2 | 1 | 2 | 7 | 0 |
| Lumding | 0830 | 149 | 1013.6 | 996.5 | .. | 22.0 | 21.1 | 20.7 | 24.4 | 92 | + 8 | 3.7 | .. | 0.8 | 0 | 0 | 8 | 01 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 149 | 1009.0 | 992.2 | .. | 26.8 | 24.2 | 23.0 | 28.1 | 79 | .. | 3.1 | .. | 1.1 | 0 | 0 | 7 | 00 | 1 | 3 | 1 | 1 | 0 | 1 | 0 | 24 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1013.5 | 971.6 | +0.8 | 22.2 | 20.6 | 19.7 | 22.9 | 85 | - 1 | 4.8 | +0.7 | 1.7 | 0 | 0 | 20 | 00 | 2 | 10 | 6 | 0 | 0 | 2 | 0 | 11 | 0 |
| | 1730 | 370 | 1009.5 | 968.2 | +0.5 | 25.6 | 22.9 | 21.5 | 25.5 | 79 | - 4 | 5.7 | +0.8 | 2.8 | 0 | 0 | 23 | 01 | 1 | 4 | 4 | 3 | 2 | 6 | 2 | 8 | 0 |
| Haflong | 0830 | 682 | 1013.1 | 937.2 | +0.9 | 21.4 | 19.5 | 18.5 | 21.3 | 83 | - 2 | 4.2 | -0.5 | 0.5 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 25 | 0 |
| | 1730 | 682 | 1007.4 | 932.1 | -0.5 | 22.4 | 20.2 | 19.1 | 22.1 | 82 | + 0 | 3.3 | -0.8 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 29 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1010.2 | 999.0 | .. | 20.6 | 19.6 | 19.1 | 22.1 | 90 | .. | 3.1 | .. | 8.3 | 0 | 0 | 30 | 00 | 2 | 25 | 1 | 0 | 0 | 2 | 0 | 1 | 0 |
| | 0830 | 97 | 1011.8 | 1000.7 | +0.9 | 24.4 | 21.6 | 20.1 | 23.5 | 77 | - 5 | 3.1 | -1.4 | 9.0 | 0 | 0 | 30 | 00 | 1 | 25 | 3 | 0 | 0 | 1 | 0 | 1 | 0 |
| | 1130 | 97 | 1009.6 | 998.8 | .. | 28.1 | 23.1 | 20.5 | 24.1 | 65 | .. | 3.1 | .. | 8.3 | 0 | 0 | 31 | 00 | 1 | 10 | 5 | 6 | 1 | 3 | 2 | 0 | 0 |
| | 1730 | 97 | 1007.6 | 996.7 | +0.7 | 26.7 | 23.3 | 21.5 | 25.6 | 74 | - 7 | 2.3 | -1.1 | 3.9 | 0 | 1 | 22 | 01 | 1 | 1 | 2 | 0 | 4 | 14 | 0 | 8 | 0 |
| Silchar | 0830 | 29 | 1014.0 | 1010.6 | +1.7 | 25.0 | 23.0 | 22.0 | 26.4 | 83 | + 0 | 4.0 | -0.4 | 0.6 | 0 | 0 | 9 | 00 | 4 | 3 | 1 | 1 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 29 | 1010.0 | 1006.6 | +1.7 | 27.2 | 24.0 | 23.1 | 28.3 | 75 | - 5 | 2.5 | -0.8 | 0.1 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 29 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1013.7 | 926.0 | .. | 16.9 | 16.5 | 16.3 | 18.5 | 96 | .. | 5.9 | .. | 1.9 | 0 | 0 | 7 | 04 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 24 | 0 |
| | 0830 | 781 | 1014.0 | 927.4 | +0.5 | 21.0 | 18.7 | 17.4 | 19.9 | 81 | + 1 | 5.7 | +0.4 | 3.3 | 0 | 0 | 12 | 02 | 1 | 3 | 2 | 0 | 2 | 0 | 2 | 19 | 0 |
| | 1130 | 781 | 1010.6 | 925.5 | .. | 24.9 | 20.3 | 17.8 | 20.4 | 65 | .. | 4.5 | .. | 6.5 | 0 | 0 | 22 | 00 | 1 | 1 | 8 | 4 | 5 | 1 | 2 | 9 | 0 |
| | 1430 | 781 | 1007.6 | 923.0 | .. | 26.1 | 20.1 | 16.8 | 19.1 | 57 | .. | 3.8 | .. | 3.4 | 0 | 0 | 23 | 00 | 1 | 1 | 2 | 9 | 5 | 0 | 5 | 5 | 0 |
| | 1730 | 781 | 1009.4 | 923.5 | +2.1 | 21.9 | 19.5 | 18.2 | 20.9 | 80 | + 3 | 3.5 | -0.5 | 4.6 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 1 | 2 | 4 | 7 | 16 | 0 |
| | 2030 | 781 | 1012.5 | 925.6 | .. | 19.3 | 18.6 | 18.3 | 21.0 | 90 | .. | 3.2 | .. | 2.1 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 5 | 0 | 1 | 3 | 23 | 0 |
| | 2330 | 781 | 1013.0 | 925.7 | .. | 18.0 | 17.4 | 17.1 | 19.5 | 94 | .. | 4.2 | .. | 2.0 | 0 | 0 | 8 | 02 | 2 | 0 | 2 | 0 | 0 | 0 | 2 | 23 | 0 |
| Kailashahar | 0530 | 29 | 1011.4 | 1008.1 | .. | 21.5 | 21.2 | 21.1 | 25.0 | 97 | .. | 4.3 | .. | 1.5 | 0 | 0 | 13 | 01 | 1 | 0 | 0 | 3 | 9 | 0 | 0 | 17 | 0 |
| | 0830 | 29 | 1013.2 | 1009.9 | +1.0 | 25.2 | 23.6 | 22.8 | 27.7 | 87 | + 2 | 2.8 | -2.1 | 2.6 | 0 | 0 | 20 | 01 | 4 | 1 | 2 | 1 | 6 | 0 | 4 | 11 | 1 |
| | 1130 | 29 | 1011.3 | 1008.0 | .. | 26.6 | 24.5 | 22.5 | 27.3 | 70 | .. | 4.1 | .. | 4.6 | 0 | 1 | 30 | 06 | 13 | 4 | 1 | 1 | 2 | 2 | 2 | 0 | 0 |
| | 1730 | 29 | 1009.3 | 1006.1 | +0.7 | 26.8 | 24.4 | 23.4 | 28.8 | 82 | - 3 | 2.2 | -2.2 | 1.5 | 0 | 1 | 10 | 04 | 0 | 0 | 0 | 0 | 3 | 0 | 4 | 20 | 0 |
| Agartala | 0230 | 16 | 1009.3 | 1007.5 | .. | 21.9 | 21.3 | 21.0 | 24.9 | 94 | .. | 2.6 | .. | 1.9 | 0 | 1 | 4 | 00 | 1 | 0 | 2 | 0 | 0 | 1 | 1 | 26 | 0 |
| | 0530 | 16 | 1010.0 | 1008.2 | .. | 21.4 | 20.8 | 20.5 | 24.1 | 95 | .. | 3.1 | .. | 2.3 | 0 | 1 | 4 | 00 | 3 | 0 | 1 | 1 | 0 | 0 | 0 | 26 | 0 |
| | 0830 | 16 | 1011.7 | 1009.9 | +0.7 | 26.8 | 23.8 | 22.4 | 27.1 | 77 | - 4 | 2.9 | -1.7 | 3.9 | 0 | 1 | 11 | 04 | 4 | 1 | 1 | 1 | 0 | 1 | 0 | 19 | 0 |
| | 1130 | 16 | 1010.1 | 1008.3 | .. | 28.6 | 24.2 | 22.1 | 26.6 | 68 | .. | 4.2 | .. | 5.6 | 0 | 1 | 21 | 06 | 3 | 0 | 2 | 1 | 0 | 2 | 8 | 9 | 0 |
| | 1430 | 16 | 1007.8 | 1006.0 | .. | 28.9 | 24.1 | 21.8 | 26.1 | 67 | .. | 4.1 | .. | 7.3 | 0 | 0 | 26 | 07 | 4 | 0 | 2 | 1 | 0 | 3 | 9 | 5 | 0 |
| | 1730 | 16 | 1008.3 | 1006.5 | +0.6 | 26.3 | 23.9 | 22.8 | 27.7 | 81 | - 1 | 2.9 | -1.4 | 2.7 | 0 | 1 | 5 | 01 | 0 | 1 | 0 | 1 | 0 | 1 | 2 | 25 | 0 |
| | 2030 | 16 | 1010.3 | 1008.5 | .. | 23.9 | 22.8 | 22.2 | 26.7 | 90 | .. | 2.2 | .. | 1.5 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 27 | 0 |
| | 2330 | 16 | 1010.3 | 1008.5 | .. | 22.7 | 21.9 | 21.5 | 25.6 | 93 | .. | 2.4 | .. | 0.7 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 29 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1010.9 | 995.7 | .. | 20.8 | 19.9 | 19.3 | 22.4 | 92 | .. | 2.1 | .. | 4.2 | 0 | 0 | 17 | 09 | 6 | 1 | 0 | 0 | 1 | 0 | 0 | 14 | 0 |
| | 0530 | 131 | 1011.9 | 996.6 | .. | 19.1 | 18.3 | 17.8 | 20.4 | 93 | .. | 3.4 | .. | 4.9 | 0 | 0 | 20 | 11 | 7 | 0 | 0 | 0 | 2 | 0 | 0 | 11 | 0 |
| | 0830 | 131 | 1013.9 | 998.9 | +2.3 | 26.1 | 22.1 | 20.0 | 23.4 | 70 | - 7 | 2.9 | -0.8 | 4.9 | 0 | 0 | 15 | 01 | 9 | 4 | 0 | 0 | 1 | 0 | 0 | 16 | 0 |
| | 1130 | 131 | 1012.1 | 997.3 | .. | 29.4 | 23.3 | 20.1 | 23.5 | 58 | .. | 3.5 | .. | 9.0 | 0 | 0 | 28 | 00 | 2 | 12 | 8 | 3 | 2 | 1 | 0 | 3 | 0 |
| | 1430 | 131 | 1009.1 | 994.4 | .. | 29.8 | 23.5 | 20.3 | 23.8 | 57 | .. | 4.0 | .. | 8.9 | 0 | 1 | 25 | 00 | 2 | 2 | 5 | 5 | 10 | 0 | 2 | 5 | 0 |
| | 1730 | 131 | 1009.3 | 994.5 | +1.4 | 26.3 | 23.8 | 22.7 | 27.6 | 80 | - 3 | 3.0 | -0.5 | 3.9 | 0 | 0 | 17 | 01 | 6 | 5 | 0 | 2 | 3 | 0 | 0 | 14 | 0 |
| | 2030 | 131 | 1011.5 | 996.5 | .. | 23.7 | 22.2 | 21.5 | 25.6 | 87 | .. | 1.6 | .. | 5.2 | 0 | 0 | 18 | 12 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 13 | 0 |
| | 2330 | 131 | 1011.6 | 996.6 | .. | 22.1 | 21.1 | 20.6 | 24.3 | 91 | .. | 1.9 | .. | 4.3 | 0 | 0 | 18 | 13 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| Jalpaiguri | 0830 | 83 | 1013.1 | 1003.6 | +1.0 | 22.8 | 20.8 | 19.7 | 22.9 | 83 | + 1 | 2.6 | -0.5 | 4.5 | 0 | 0 | 30 | 16 | 6 | 1 | 0 | 1 | 0 | 0 | 6 | 1 | 0 |
| | 1730 | 83 | 1008.7 | 999.3 | +0.5 | 27.2 | 22.6 | 20.2 | 23.7 | 66 | - 5 | 1.4 | -1.2 | 2.4 | 0 | 0 | 17 | 00 | 4 | 3 | 7 | 0 | 2 | 1 | 0 | 14 | 0 |
| Cooch Behar | 0830 | 43 | 1013.4 | 1008.5 | +1.8 | 24.9 | 21.9 | 20.3 | 23.8 | 76 | - 2 | 2.9 | -0.8 | 8.4 | 0 | 1 | 28 | 04 | 6 | 17 | 1 | 0 | 0 | 1 | 0 | 2 | 0 |
| | 1130 | 43 | 1011.9 | 1007.1 | .. | 27.8 | 23.6 | 21.5 | 25.6 | 69 | .. | 3.6 | .. | 10.8 | 0 | 2 | 27 | 00 | 4 | 17 | 4 | 3 | 0 | 1 | 0 | 2 | 0 |
| | 1730 | 43 | 1009.3 | 1004.5 | +1.2 | 25.7 | 23.3 | 22.1 | 26.6 | 80 | + 0 | 2.3 | -0.9 | 0.5 | 0 | 0 | 3 | 00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Balurghat | 0830 | 26 | 1012.7 | 1009.8 | .. | 26.4 | 23.6 | 22.2 | 26.7 | 78 | .. | 2.5 | .. | 3.1 | 0 | 0 | 26 | 09 | 6 | 4 | 4 | 0 | 1 | 1 | 1 | 5 | 0 |
| | 1730 | 26 | 1008.0 | 1005.0 | .. | 26.5 | 24.0 | 22.9 | 27.9 | 80 | .. | 2.1 | .. | 1.1 | 0 | 0 | 7 | 00 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 24 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SUB-HIMALAYAN WEST BENGAL (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malda | 0830 | 31 | 1012.7 | 1009.1 | +1.1 | 26.6 | 23.3 | 21.7 | 25.9 | 73 | - 2 | 2.6 | -0.5 | 1.5 | 0 | 0 | 16 | 04 | 3 | 2 | 1 | 3 | 1 | 0 | 1 | 15 | 1 |
| | 1730 | 31 | 1008.7 | 1005.2 | +0.6 | 27.7 | 23.9 | 22.1 | 26.6 | 72 | - 1 | 1.6 | -1.4 | 1.0 | 0 | 0 | 12 | 05 | 2 | 0 | 1 | 4 | 0 | 0 | 0 | 14 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1012.1 | 1009.9 | +0.7 | 26.2 | 23.6 | 22.3 | 26.9 | 81 | + 5 | 3.0 | -0.3 | 2.0 | 0 | 0 | 18 | 03 | 0 | 8 | 1 | 6 | 0 | 0 | 0 | 13 | 0 |
| | 1730 | 19 | 1008.7 | 1006.5 | +0.7 | 27.0 | 23.9 | 22.5 | 27.3 | 77 | + 4 | 2.5 | -1.4 | 0.8 | 0 | 0 | 10 | 00 | 0 | 7 | 0 | 3 | 0 | 0 | 0 | 21 | 0 |
| Suri | 0830 | | .. | .. | .. | 26.4 | 23.3 | 21.7 | 25.9 | 76 | + 0 | 2.5 | -1.2 | 3.2 | 0 | 0 | 31 | 06 | 0 | 12 | 1 | 10 | 0 | 2 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1009.9 | 995.5 | .. | 22.2 | 21.1 | 20.5 | 24.1 | 90 | .. | 2.2 | .. | 1.3 | 0 | 1 | 5 | 00 | 2 | 1 | 2 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 0530 | 126 | 1010.7 | 996.2 | .. | 21.7 | 20.7 | 20.2 | 23.7 | 92 | .. | 2.7 | .. | 1.2 | 0 | 0 | 10 | 00 | 2 | 3 | 0 | 4 | 1 | 0 | 0 | 21 | 0 |
| | 0830 | 126 | 1012.2 | 997.9 | +0.9 | 26.8 | 23.2 | 21.4 | 25.5 | 73 | - 4 | 2.6 | -0.7 | 3.5 | 0 | 0 | 26 | 03 | 4 | 5 | 1 | 4 | 5 | 1 | 3 | 5 | 0 |
| | 1130 | 126 | 1010.8 | 996.7 | .. | 30.7 | 23.9 | 20.5 | 24.1 | 56 | .. | 2.6 | .. | 4.5 | 0 | 0 | 25 | 04 | 5 | 5 | 2 | 1 | 3 | 4 | 0 | 6 | 0 |
| | 1430 | 126 | 1008.1 | 994.1 | .. | 31.8 | 23.7 | 19.5 | 22.7 | 49 | .. | 2.7 | .. | 4.4 | 0 | 0 | 29 | 04 | 6 | 3 | 6 | 0 | 2 | 2 | 5 | 2 | 1 |
| | 1730 | 126 | 1008.4 | 994.2 | +1.1 | 27.1 | 22.9 | 20.9 | 24.7 | 59 | + 0 | 2.7 | -1.2 | 3.0 | 0 | 0 | 20 | 00 | 4 | 7 | 4 | 5 | 0 | 0 | 0 | 11 | 0 |
| | 2030 | 126 | 1010.7 | 996.3 | .. | 24.1 | 21.9 | 20.7 | 24.4 | 81 | .. | 1.2 | .. | 1.9 | 0 | 0 | 14 | 02 | 2 | 3 | 2 | 3 | 1 | 0 | 0 | 17 | 0 |
| | 2330 | 126 | 1011.0 | 996.5 | .. | 22.8 | 21.3 | 20.5 | 24.1 | 87 | .. | 1.7 | .. | 1.3 | 0 | 0 | 8 | 00 | 0 | 0 | 3 | 3 | 2 | 0 | 0 | 23 | 0 |
| Shanti Niketan | 0830 | 59 | 1012.6 | 1005.9 | .. | 26.1 | 23.7 | 22.5 | 27.3 | 81 | .. | 3.1 | .. | 0.8 | 0 | 0 | 5 | 01 | 0 | 1 | 1 | 2 | 0 | 0 | 0 | 25 | 0 |
| | 1130 | 59 | 1011.5 | 1004.9 | .. | 29.2 | 24.9 | 22.9 | 27.9 | 69 | .. | 2.7 | .. | 0.7 | 0 | 0 | 5 | 01 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 26 | 0 |
| | 1730 | 59 | 1009.0 | 1002.4 | .. | 26.8 | 23.9 | 22.5 | 27.3 | 78 | .. | 2.8 | .. | 0.8 | 0 | 0 | 5 | 01 | 0 | 0 | 1 | 2 | 0 | 1 | 0 | 26 | 0 |
| Krishnanagar | 0830 | 15 | 1012.2 | 1010.5 | +0.8 | 27.0 | 24.2 | 22.9 | 27.9 | 79 | + 2 | 2.4 | -0.9 | 0.5 | 0 | 0 | 3 | 01 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 15 | 1009.6 | 1008.0 | +1.6 | 27.8 | 24.4 | 22.8 | 27.7 | 75 | - 1 | 2.6 | -1.2 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Purulia | 0830 | 255 | 1012.7 | 984.0 | +1.4 | 25.5 | 21.9 | 20.0 | 23.4 | 72 | - 2 | 2.2 | -0.9 | 3.3 | 0 | 0 | 28 | 06 | 4 | 0 | 3 | 3 | 4 | 3 | 5 | 3 | 0 |
| | 1730 | 255 | 1008.7 | 980.4 | +1.1 | 28.3 | 22.4 | 19.3 | 22.4 | 59 | - 8 | 3.3 | -0.7 | 3.1 | 0 | 0 | 21 | 01 | 5 | 4 | 6 | 0 | 4 | 0 | 1 | 10 | 0 |
| Bankura | 0830 | 100 | 1012.0 | 1000.6 | .. | 26.1 | 23.1 | 21.6 | 25.8 | 76 | .. | 1.8 | .. | 1.3 | 0 | 0 | 15 | 00 | 5 | 0 | 0 | 1 | 4 | 3 | 0 | 16 | 2 |
| | 1730 | 100 | 1008.4 | 997.2 | .. | 29.0 | 24.0 | 21.6 | 25.8 | 66 | .. | 1.9 | .. | 0.7 | 0 | 0 | 4 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 3 |
| Burdwan | 0830 | 32 | 1012.5 | 1008.9 | +1.4 | 26.2 | 23.7 | 22.5 | 27.3 | 81 | + 3 | 2.4 | -0.5 | 3.0 | 0 | 0 | 18 | 03 | 0 | 5 | 1 | 5 | 1 | 2 | 1 | 13 | 0 |
| | 1730 | 32 | 1008.3 | 1004.7 | +0.5 | 28.3 | 24.1 | 22.1 | 26.6 | 69 | - 4 | 2.6 | -0.6 | 3.4 | 0 | 0 | 21 | 07 | 3 | 4 | 1 | 6 | 0 | 0 | 0 | 10 | 0 |
| Barrackpore Aerodrome | 0530 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 7 | Observatory closed from 10.10.1966. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2330 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calcutta (Dum Dum) | 0230 | 6 | 1009.4 | 1008.7 | .. | 23.6 | 22.8 | 22.4 | 27.1 | 93 | .. | 1.7 | .. | 1.7 | 0 | 1 | 8 | 00 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 22 | 0 |
| | 0530 | 6 | 1010.1 | 1009.3 | .. | 23.1 | 22.5 | 22.2 | 26.7 | 94 | .. | 2.9 | .. | 2.5 | 0 | 1 | 14 | 03 | 4 | 2 | 1 | 2 | 0 | 0 | 3 | 18 | 0 |
| | 0830 | 6 | 1011.9 | 1011.2 | +0.7 | 27.1 | 24.4 | 23.1 | 28.3 | 79 | + 2 | 3.2 | -0.5 | 4.6 | 0 | 0 | 29 | 06 | 7 | 3 | 5 | 3 | 3 | 1 | 1 | 2 | 0 |
| | 1130 | 6 | 1010.6 | 1009.9 | .. | 30.0 | 24.9 | 22.5 | 27.3 | 65 | .. | 4.3 | .. | 7.3 | 0 | 0 | 31 | 04 | 4 | 2 | 8 | 4 | 3 | 1 | 5 | 0 | 0 |
| | 1430 | 6 | 1008.2 | 1007.5 | .. | 30.3 | 24.6 | 21.9 | 26.3 | 61 | .. | 4.0 | .. | 6.0 | 0 | 0 | 30 | 04 | 5 | 4 | 3 | 7 | 1 | 1 | 5 | 1 | 0 |
| | 1730 | 6 | 1008.6 | 1007.9 | +0.6 | 27.4 | 24.5 | 23.1 | 28.3 | 76 | - 1 | 3.1 | -1.3 | 2.2 | 0 | 0 | 15 | 00 | 0 | 4 | 2 | 6 | 2 | 0 | 1 | 16 | 0 |
| | 2030 | 6 | 1010.7 | 1010.0 | .. | 25.3 | 23.7 | 22.9 | 27.9 | 87 | .. | 2.3 | .. | 2.8 | 0 | 0 | 17 | 00 | 4 | 1 | 4 | 5 | 2 | 1 | 0 | 14 | 0 |
| | 2330 | 6 | 1010.5 | 1009.8 | .. | 24.3 | 23.1 | 22.5 | 27.3 | 90 | .. | 2.0 | .. | 1.9 | 0 | 0 | 13 | 00 | 1 | 2 | 7 | 3 | 0 | 0 | 0 | 18 | 0 |
| Calcutta | 0830 | 6 | 1012.0 | 1011.3 | +0.8 | 28.4 | 24.9 | 23.3 | 28.6 | 74 | - 6 | 3.1 | -0.4 | 5.2 | 0 | 1 | 23 | 03 | 2 | 5 | 0 | 5 | 5 | 3 | 2 | 7 | 0 |
| | 1130 | 6 | 1010.7 | 1009.9 | .. | 30.6 | 25.3 | 22.7 | 27.6 | 63 | .. | 3.9 | .. | 6.1 | 0 | 1 | 28 | 03 | 5 | 1 | 3 | 6 | 4 | 4 | 3 | 2 | 0 |
| | 1730 | 6 | 1008.7 | 1008.0 | +0.6 | 28.3 | 24.8 | 23.1 | 28.3 | 74 | - 3 | 3.3 | -0.9 | 5.3 | 0 | 0 | 28 | 00 | 3 | 2 | 4 | 10 | 2 | 1 | 6 | 5 | 0 |
| Midnapore | 0830 | 45 | 1012.3 | 1007.1 | +1.0 | 26.1 | 23.8 | 22.7 | 27.6 | 82 | + 4 | 1.4 | -1.9 | 1.5 | 0 | 0 | 15 | 01 | 2 | 0 | 3 | 3 | 6 | 0 | 0 | 16 | 0 |
| | 1730 | 45 | 1008.7 | 1003.6 | +1.0 | 28.7 | 24.5 | 22.5 | 27.3 | 71 | - 3 | 1.7 | -2.2 | 0.9 | 0 | 0 | 9 | 01 | 1 | 0 | 0 | 4 | 3 | 0 | 0 | 22 | 0 |
| Contai | 0830 | 11 | 1012.0 | 1010.8 | +1.7 | 28.0 | 25.0 | 23.7 | 29.3 | 78 | - 3 | 1.7 | -1.7 | 5.0 | 0 | 0 | 30 | 14 | 0 | 0 | 3 | 6 | 3 | 3 | 1 | 1 | 0 |
| | 1730 | 11 | 1008.7 | 1007.5 | +1.1 | 27.9 | 25.0 | 23.7 | 29.3 | 78 | - 4 | 1.6 | -1.7 | 3.1 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 12 | 0 |
| Sagar Island | 0830 | 3 | 1011.0 | 1010.7 | +0.4 | 27.8 | 25.3 | 24.1 | 30.0 | 81 | + 3 | 3.4 | -1.0 | 9.5 | 0 | 1 | 28 | 04 | 5 | 2 | 1 | 6 | 5 | 2 | 4 | 2 | 0 |
| | 1730 | 3 | 1008.4 | 1008.1 | +0.8 | 27.7 | 24.9 | 23.6 | 29.1 | 79 | + 0 | 3.0 | -1.6 | 9.8 | 0 | 1 | 30 | 05 | 4 | 2 | 3 | 9 | 4 | 1 | 3 | 0 | 0 |
| Sandheads | 0530 | 10 | 1009.6 | 1008.5 | .. | 27.5 | 24.6 | 23.3 | 28.6 | 78 | .. | 3.1 | .. | 9.1 | 1 | 2 | 27 | 05 | 2 | 2 | 1 | 4 | 12 | 3 | 1 | 1 | 0 |
| | 0830 | 10 | 1011.8 | 1010.7 | +1.0 | 29.4 | 25.4 | 23.6 | 29.1 | 71 | - 3 | 2.8 | -1.2 | 11.9 | 1 | 2 | 25 | 07 | 1 | 3 | 1 | 3 | 8 | 3 | 2 | 3 | 0 |
| | 1130 | 10 | 1011.0 | 1009.9 | .. | 30.4 | 25.9 | 23.9 | 29.7 | 69 | .. | 2.3 | .. | 8.4 | 0 | 0 | 22 | 04 | 3 | 2 | 2 | 1 | 6 | 1 | 3 | 9 | 0 |
| | 1730 | 10 | 1008.8 | 1007.7 | +0.8 | 28.6 | 25.1 | 23.5 | 28.9 | 74 | + 0 | 2.3 | -1.7 | 8.8 | 0 | 2 | 22 | 04 | 0 | 2 | 2 | 3 | 10 | 1 | 2 | 7 | 0 |
| **ORISSA** | 2330 | 10 | 1010.5 | 1009.5 | .. | 27.7 | 24.6 | 23.1 | 28.3 | 76 | .. | 0.8 | .. | 8.5 | 0 | 2 | 20 | 05 | 1 | 3 | 2 | 3 | 7 | 0 | 1 | 9 | 0 |
| Baripada | 0830 | 54 | 1012.9 | 1006.8 | +1.5 | 26.0 | 23.0 | 21.5 | 25.6 | 76 | - 1 | 1.3 | -2.6 | 3.0 | 0 | 0 | 21 | 08 | 4 | 0 | 0 | 3 | 2 | 0 | 3 | 10 | 1 |
| | 1730 | 54 | 1009.7 | 1003.6 | +1.4 | 27.3 | 23.9 | 22.3 | 26.9 | 75 | - 3 | 2.1 | -2.3 | 1.0 | 0 | 0 | 9 | 00 | 0 | 1 | 3 | 2 | 1 | 1 | 1 | 22 | 0 |
| Jharsuguda | 0230 | 230 | 1009.7 | 983.5 | .. | 22.7 | 21.1 | 20.2 | 23.7 | 86 | .. | 1.9 | .. | 1.6 | 0 | 0 | 7 | 01 | 4 | 1 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 230 | 1010.7 | 984.4 | .. | 21.4 | 20.3 | 19.7 | 22.9 | 90 | .. | 2.8 | .. | 1.8 | 0 | 0 | 7 | 02 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0830 | 230 | 1012.3 | 986.4 | +1.6 | 25.9 | 22.0 | 19.9 | 23.2 | 70 | - 8 | 2.1 | -2.1 | 4.5 | 0 | 0 | 19 | 01 | 8 | 0 | 1 | 2 | 1 | 3 | 3 | 12 | 0 |
| | 1130 | 230 | 1010.9 | 985.3 | .. | 30.8 | 22.9 | 18.6 | 21.4 | 49 | .. | 2.1 | .. | 7.1 | 0 | 0 | 25 | 01 | 7 | 1 | 0 | 1 | 7 | 5 | 3 | 6 | 0 |
| | 1430 | 230 | 1007.8 | 982.5 | .. | 32.5 | 22.7 | 17.1 | 19.5 | 41 | .. | 2.5 | .. | 8.6 | 0 | 0 | 28 | 04 | 5 | 3 | 1 | 1 | 2 | 9 | 3 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **ORISSA (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jharsuguda (Contd.) | 1730 | 230 | 1008.2 | 982.6 | +1.0 | 29.4 | 22.4 | 18.6 | 21.4 | 52 | -17 | 3.1 | -1.4 | 5.6 | 0 | 0 | 24 | 02 | 6 | 4 | 1 | 1 | 2 | 7 | 1 | 7 | 0 |
| | 2030 | 230 | 1010.4 | 984.5 | .. | 25.9 | 21.6 | 19.3 | 22.4 | 67 | .. | 2.0 | .. | 2.7 | 0 | 0 | 10 | 00 | 0 | 3 | 3 | 2 | 0 | 0 | 2 | 21 | 0 |
| | 2330 | 230 | 1010.7 | 984.5 | .. | 23.9 | 21.4 | 20.1 | 23.5 | 77 | .. | 2.0 | .. | 2.3 | 0 | 0 | 9 | 00 | 0 | 3 | 6 | 0 | 0 | 0 | 0 | 22 | 0 |
| Keonjhargarh | 0830 | 463 | 1011.7 | 960.0 | +0.0 | 23.9 | 20.8 | 19.3 | 22.4 | 74 | - 2 | 1.8 | -2.0 | 0.8 | 0 | 0 | 11 | 01 | 2 | 1 | 0 | 1 | 0 | 4 | 2 | 20 | 0 |
| | 1730 | 463 | 1007.5 | 956.7 | -0.4 | 27.8 | 21.4 | 18.1 | 20.8 | 58 | -13 | 2.2 | -2.8 | 1.2 | 0 | 0 | 18 | 00 | 4 | 0 | 0 | 0 | 6 | 4 | 4 | 13 | 0 |
| Balasore | 0830 | 20 | 1012.0 | 1009.7 | +1.0 | 26.5 | 23.9 | 22.7 | 27.6 | 79 | + 1 | 2.3 | -2.2 | 5.7 | 0 | 0 | 30 | 10 | 3 | 0 | 0 | 2 | 7 | 3 | 5 | 1 | 0 |
| | 1730 | 20 | 1008.7 | 1006.4 | +0.8 | 27.5 | 24.7 | 23.4 | 28.8 | 79 | + 0 | 3.3 | -1.9 | 2.3 | 0 | 0 | 19 | 01 | 1 | 1 | 5 | 7 | 3 | 0 | 1 | 12 | 0 |
| Sambalpur | 0830 | 148 | 1011.8 | 995.1 | +0.5 | 27.4 | 23.7 | 21.9 | 26.3 | 71 | - 7 | 1.1 | -2.5 | 0.5 | 0 | 0 | 4 | 00 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 27 | 0 |
| | 1730 | 148 | 1009.4 | 992.8 | +1.8 | 28.6 | 24.7 | 22.9 | 27.9 | 72 | + 5 | 1.2 | -3.0 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Angul | 0830 | 139 | 1012.4 | 996.7 | +1.1 | 26.9 | 23.1 | 21.2 | 25.2 | 71 | -10 | 3.0 | -1.5 | 2.7 | 0 | 0 | 25 | 09 | 0 | 4 | 0 | 1 | 1 | 8 | 2 | 6 | 0 |
| | 1730 | 139 | 1008.5 | 993.0 | +0.8 | 29.7 | 23.5 | 20.3 | 23.8 | 58 | - 9 | 3.9 | -1.0 | 2.7 | 0 | 0 | 26 | 07 | 0 | 7 | 1 | 6 | 1 | 4 | 0 | 5 | 0 |
| Chandbali | 0830 | 6 | 1012.5 | 1011.8 | +1.5 | 27.4 | 24.7 | 23.5 | 28.9 | 79 | - 3 | 2.3 | -1.4 | 2.7 | 0 | 0 | 23 | 01 | 2 | 0 | 0 | 6 | 5 | 1 | 8 | 8 | 0 |
| | 1730 | 6 | 1008.9 | 1008.2 | +0.9 | 28.3 | 25.2 | 23.9 | 29.7 | 77 | - 2 | 1.8 | -2.4 | 2.8 | 0 | 1 | 18 | 00 | 3 | 2 | 3 | 6 | 4 | 1 | 0 | 12 | 0 |
| Bolangir | 0830 | 190 | 1012.3 | 990.8 | +1.9 | 26.1 | 22.6 | 20.7 | 24.4 | 73 | - 5 | 2.4 | -2.1 | 3.4 | 0 | 0 | 29 | 04 | 0 | 2 | 3 | 16 | 2 | 0 | 2 | 2 | 0 |
| | 1730 | 190 | 1008.1 | 987.0 | +1.1 | 30.5 | 24.4 | 21.5 | 25.6 | 59 | - 9 | 2.7 | -2.2 | 2.1 | 0 | 0 | 23 | 05 | 9 | 4 | 0 | 4 | 0 | 0 | 1 | 6 | 0 |
| Phulbani | 0830 | 464 | 1010.5 | 958.5 | .. | 23.3 | 21.2 | 20.1 | 23.5 | 83 | .. | 1.0 | .. | 0.2 | 0 | 0 | 3 | 01 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 28 | 0 |
| | 1730 | 464 | 1006.2 | 955.3 | .. | 27.3 | 22.5 | 20.0 | 23.4 | 64 | .. | 1.7 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Cuttack | 0830 | 27 | 1012.7 | 1009.7 | +1.7 | 27.1 | 24.3 | 23.0 | 28.1 | 78 | - 1 | 2.3 | -1.5 | 1.5 | 0 | 0 | 12 | 00 | 2 | 0 | 0 | 0 | 4 | 3 | 3 | 19 | 0 |
| | 1730 | 27 | 1009.3 | 1006.3 | +1.6 | 30.2 | 25.3 | 23.1 | 28.3 | 69 | - 3 | 2.8 | -2.0 | 1.2 | 0 | 0 | 10 | 00 | 1 | 1 | 2 | 2 | 3 | 0 | 1 | 21 | 0 |
| Titilagarh | 0830 | 211 | 1012.3 | 988.5 | +2.1 | 26.4 | 23.7 | 22.4 | 27.1 | 78 | - 1 | 2.2 | -1.1 | 1.6 | 0 | 0 | 25 | 00 | 3 | 0 | 14 | 0 | 8 | 0 | 0 | 6 | 0 |
| | 1730 | 211 | 1008.7 | 985.2 | +2.1 | 30.2 | 24.4 | 21.6 | 25.8 | 62 | - 7 | 2.5 | -1.6 | 1.7 | 0 | 0 | 27 | 00 | 26 | 0 | 1 | 0 | 0 | 0 | 0 | 4 | 0 |
| Bhubaneswar | 0230 | 46 | 1009.7 | 1004.5 | .. | 24.0 | 23.0 | 22.5 | 27.3 | 91 | .. | 1.5 | .. | 3.5 | 0 | 0 | 14 | 02 | 3 | 0 | 2 | 1 | 3 | 1 | 2 | 17 | 0 |
| | 0530 | 46 | 1010.5 | 1005.3 | .. | 23.2 | 22.6 | 22.3 | 26.9 | 94 | .. | 3.0 | .. | 2.5 | 0 | 0 | 14 | 04 | 1 | 1 | 0 | 0 | 2 | 0 | 6 | 17 | 0 |
| | 0830 | 46 | 1012.4 | 1007.2 | +1.8 | 27.1 | 24.2 | 22.9 | 27.9 | 78 | - 2 | 2.6 | -2.1 | 4.6 | 0 | 0 | 23 | 02 | 3 | 1 | 0 | 2 | 6 | 4 | 5 | 8 | 0 |
| | 1130 | 46 | 1011.1 | 1006.0 | .. | 30.3 | 24.6 | 21.9 | 26.3 | 61 | .. | 3.0 | .. | 7.0 | 0 | 2 | 22 | 03 | 2 | 3 | 1 | 2 | 7 | 2 | 4 | 7 | 0 |
| | 1430 | 46 | 1008.6 | 1003.5 | .. | 31.3 | 24.5 | 21.2 | 25.2 | 57 | .. | 3.2 | .. | 8.5 | 0 | 2 | 27 | 02 | 3 | 5 | 0 | 8 | 7 | 1 | 3 | 2 | 0 |
| | 1730 | 46 | 1009.1 | 1003.9 | +1.4 | 28.5 | 24.3 | 22.4 | 27.1 | 71 | - 7 | 3.4 | -2.0 | 7.5 | 0 | 1 | 26 | 02 | 2 | 5 | 2 | 12 | 3 | 0 | 1 | 4 | 0 |
| | 2030 | 46 | 1011.2 | 1006.0 | .. | 26.0 | 24.2 | 23.4 | 28.8 | 85 | .. | 2.0 | .. | 5.3 | 0 | 0 | 26 | 00 | 4 | 3 | 0 | 10 | 5 | 2 | 2 | 5 | 0 |
| | 2330 | 46 | 1011.0 | 1005.8 | .. | 24.8 | 23.5 | 22.9 | 27.9 | 89 | .. | 1.5 | .. | 4.2 | 0 | 0 | 18 | 00 | 2 | 2 | 1 | 5 | 5 | 0 | 3 | 13 | 0 |
| Puri | 0830 | 6 | 1011.6 | 1010.9 | +0.7 | 28.7 | 24.9 | 23.2 | 28.4 | 73 | - 4 | 3.9 | -0.1 | 5.0 | 0 | 0 | 24 | 08 | 2 | 0 | 1 | 3 | 9 | 0 | 1 | 7 | 0 |
| | 1730 | 6 | 1008.7 | 1008.0 | +0.8 | 28.9 | 24.9 | 23.1 | 28.3 | 71 | - 4 | 5.1 | +0.3 | 9.2 | 0 | 1 | 28 | 02 | 2 | 2 | 5 | 13 | 5 | 0 | 0 | 2 | 0 |
| Gopalpur | 0530 | 17 | 1010.3 | 1008.4 | .. | 23.8 | 22.5 | 21.9 | 26.3 | 87 | .. | 3.5 | .. | 6.1 | 0 | 0 | 25 | 06 | 0 | 0 | 1 | 1 | 1 | 4 | 12 | 6 | 0 |
| | 0830 | 17 | 1012.4 | 1010.4 | +1.4 | 26.7 | 23.9 | 22.6 | 27.4 | 79 | - 1 | 3.2 | -1.0 | 8.9 | 0 | 0 | 29 | 09 | 2 | 0 | 0 | 0 | 2 | 3 | 13 | 2 | 0 |
| | 1130 | 17 | 1011.5 | 1009.6 | .. | 30.2 | 25.0 | 22.6 | 27.4 | 65 | .. | 3.1 | .. | 10.9 | 0 | 1 | 30 | 07 | 4 | 2 | 7 | 3 | 3 | 2 | 3 | 0 | 0 |
| | 1730 | 17 | 1009.2 | 1007.3 | +1.3 | 28.7 | 24.5 | 22.5 | 27.3 | 70 | - 7 | 3.5 | -1.3 | 11.3 | 0 | 2 | 29 | 02 | 4 | 4 | 5 | 10 | 5 | 0 | 1 | 0 | 0 |
| | 2330 | 17 | 1011.2 | 1009.2 | .. | 25.7 | 23.8 | 22.9 | 27.9 | 83 | .. | 2.9 | .. | 9.8 | 0 | 5 | 20 | 04 | 2 | 0 | 0 | 1 | 12 | 1 | 5 | 6 | 0 |
| Koraput | 0830 | 913 | 1516.0 | 912.0 | +1.3 | 19.5 | 18.0 | 17.1 | 19.5 | 85 | + 4 | 5.2 | +1.5 | 5.7 | 0 | 0 | 31 | 01 | 0 | 0 | 16 | 10 | 4 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1502.5 | 909.3 | +1.0 | 24.9 | 18.3 | 14.2 | 16.2 | 52 | -21 | 2.9[d] | -2.3 | 6.7[d] | 0 | 0 | 27 | 01 | 0 | 0 | 1 | 7 | 17 | 0 | 1 | 0 | 0 |
| **BIHAR PLATEAU** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1012.6 | 995.7 | +1.2 | 26.2 | 23.2 | 21.7 | 25.9 | 75 | + 1 | 1.7 | -0.7 | 3.0 | 0 | 0 | 18 | 00 | 1 | 7 | 2 | 1 | 3 | 4 | 0 | 13 | 0 |
| | 1730 | 149 | 1008.5 | 991.9 | +0.5 | 27.5 | 23.7 | 21.9 | 26.3 | 73 | + 4 | 1.3 | -1.6 | 0.8 | 0 | 0 | 6 | 00 | 3 | 2 | 0 | 1 | 0 | 0 | 0 | 25 | 0 |
| Daltonganj | 0830 | 221 | 1011.9 | 987.0 | +0.3 | 26.7 | 20.7 | 17.1 | 19.5 | 56 | -17 | 1.3 | -1.3 | 1.9 | 0 | 0 | 25 | 01 | 2 | 3 | 2 | 7 | 6 | 2 | 2 | 6 | 0 |
| | 1730 | 221 | 1007.4 | 983.1 | +0.0 | 31.3 | 21.7 | 15.9 | 18.1 | 41 | -19 | 2.0 | -1.3 | 2.9 | 0 | 0 | 29 | 02 | 13 | 1 | 0 | 0 | 5 | 1 | 7 | 2 | 0 |
| Hazaribagh | 0830 | 611 | 1011.6 | 944.1 | +0.4 | 25.3 | 19.4 | 16.1 | 18.3 | 58 | -12 | 1.5 | -1.5 | 4.3 | 0 | 0 | 22 | 01 | 2 | 2 | 2 | 3 | 9 | 0 | 3 | 9 | 0 |
| | 1730 | 611 | 1007.9 | 941.0 | +0.1 | 27.1 | 18.9 | 13.9 | 15.9 | 45 | -24 | 1.3 | -2.2 | 5.9 | 0 | 0 | 27 | 09 | 2 | 0 | 4 | 1 | 0 | 0 | 11 | 4 | 0 |
| Dhanbad | 0830 | 257 | 1011.8 | 982.7 | +0.3 | 25.7 | 22.0 | 20.1 | 23.5 | 71 | - 1 | 1.5 | -2.6 | 0.9 | 0 | 0 | 9 | 01 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 257 | 1008.0 | 979.3 | .. | 28.3 | 21.7 | 17.9 | 20.5 | 55 | .. | 0.9 | .. | 1.2 | 0 | 0 | 7 | 00 | 3 | 0 | 1 | 0 | 2 | 1 | 0 | 24 | 0 |
| Ranchi | 0830 | 655 | 1010.9 | 939.0 | +0.5 | 25.6 | 20.2 | 17.3 | 19.7 | 61 | -10 | 1.1 | -1.8 | 1.3 | 0 | 0 | 20 | 03 | 1 | 0 | 2 | 3 | 7 | 1 | 3 | 11 | 0 |
| | 1730 | 655 | 1008.5 | 936.9 | +1.0 | 26.5 | 20.9 | 18.0 | 20.6 | 61 | - 7 | 2.0 | -1.3 | 0.7 | 0 | 0 | 11 | 00 | 2 | 0 | 3 | 0 | 3 | 1 | 2 | 20 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1011.0 | 938.0 | .. | 19.7 | 17.2 | 15.5 | 17.6 | 77 | .. | 1.3 | .. | 3.8 | 0 | 0 | 12 | 03 | 1 | 0 | 0 | 1 | 6 | 0 | 1 | 19 | 0 |
| | 0830 | 652 | 1011.3 | 939.5 | +0.6 | 24.7 | 19.3 | 16.3 | 18.5 | 60 | -12 | 1.1 | -2.9 | 9.7 | 0 | 2 | 20 | 03 | 2 | 2 | 0 | 2 | 10 | 0 | 3 | 9 | 0 |
| | 1130 | 652 | 1009.7 | 938.8 | .. | 28.0 | 19.1 | 12.9 | 14.9 | 42 | .. | 1.5 | .. | 11.5 | 0 | 6 | 18 | 07 | 2 | 1 | 1 | 1 | 3 | 4 | 5 | 7 | 0 |
| | 1430 | 652 | 1006.9 | 936.4 | .. | 29.1 | 19.1 | 11.9 | 13.9 | 38 | .. | 2.3 | .. | 11.6 | 0 | 4 | 23 | 05 | 6 | 2 | 0 | 1 | 1 | 4 | 8 | 4 | 0 |
| | 1730 | 652 | 1007.5 | 936.5 | +0.5 | 27.0 | 18.8 | 13.7 | 15.7 | 45 | -24 | 2.0 | -2.3 | 6.5 | 0 | 0 | 18 | 02 | 2 | 2 | 3 | 0 | 1 | 3 | 5 | 13 | 0 |
| | 2030 | 652 | 1010.4 | 938.3 | .. | 23.1 | 18.8 | 16.1 | 18.3 | 66 | .. | 1.4 | .. | 4.4 | 0 | 1 | 11 | 01 | 0 | 1 | 1 | 2 | 3 | 1 | 3 | 19 | 0 |
| Jamshedpur | 0830 | 129 | 1011.7 | 997.0 | +0.1 | 24.9 | 22.3 | 20.9 | 24.7 | 79 | + 2 | 1.5 | -1.9 | 1.7 | 0 | 0 | 21 | 02 | 0 | 2 | 1 | 0 | 0 | 9 | 7 | 10 | 0 |
| | 1730 | 129 | 1008.0 | 993.5 | +0.6 | 28.1 | 23.4 | 21.1 | 25.0 | 66 | - 2 | 2.7 | -1.4 | 1.7 | 0 | 0 | 13 | 01 | 3 | 3 | 3 | 0 | 1 | 2 | 0 | 18 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1010.6 | 994.3 | .. | 21.3 | 20.6 | 20.3 | 23.8 | 93 | .. | 2.1 | .. | 1.6 | 0 | 0 | 8 | 02 | 1 | 0 | 2 | 0 | 1 | 1 | 1 | 23 | 0 |
| | 0830 | 142 | 1012.4 | 996.3 | +1.4 | 25.1 | 22.2 | 20.7 | 24.4 | 77 | - 1 | 1.5 | -2.5 | 3.5 | 0 | 0 | 23 | 00 | 1 | 0 | 1 | 1 | 7 | 5 | 8 | 8 | 0 |
| | 1130 | 142 | 1010.9 | 995.0 | .. | 29.3 | 23.7 | 20.9 | 24.7 | 61 | .. | 2.0 | .. | 5.2 | 0 | 0 | 29 | 01 | 4 | 1 | 0 | 2 | 7 | 7 | 7 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed. (Km.p.h.) 62 or more | Wind Speed. (Km.p.h.) 20 to 61 | Wind Speed. (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BIHAR PLATEAU** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur (P.B.O.) - contd. | 1430 | 142 | 1007.9 | 992.1 | .. | 31.1 | 23.5 | 19.5 | 22.7 | 51 | .. | 2.4 | .. | 4.6 | 0 | 0 | 24 | 05 | 3 | 1 | 1 | 0 | 5 | 2 | 7 | 7 | 0 |
| | 1730 | 142 | 1008.4 | 992.5 | +1.0 | 28.3 | 23.1 | 20.4 | 24.0 | 64 | - 3 | 2.9 | -1.7 | 2.6 | 0 | 1 | 10 | 02 | 1 | 4 | 1 | 1 | 1 | 0 | 1 | 20 | 0 |
| | 2030 | 142 | 1010.7 | 994.5 | .. | 24.5 | 22.5 | 21.5 | 25.6 | 83 | .. | 2.0 | .. | 2.5 | 0 | 0 | 12 | 02 | 4 | 3 | 0 | 0 | 0 | 0 | 3 | 19 | 0 |
| | 2330 | 142 | 1010.8 | 994.6 | .. | 23.1 | 21.7 | 21.0 | 24.9 | 88 | .. | 1.5 | .. | 1.0 | 0 | 0 | 6 | 01 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Chaibasa | 0830 | 226 | 1012.2 | 986.6 | +0.8 | 25.2 | 22.0 | 20.3 | 26.4 | 75 | - 2 | 2.0 | -1.8 | 1.5 | 0 | 0 | 13 | 02 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 18 | 0 |
| | 1730 | 226 | 1005.3 | 979.9 | -2.4 | 28.2 | 22.6 | 19.6 | 22.8 | 60 | - 8 | 2.6 | -2.0 | 0.8 | 0 | 0 | 8 | 00 | 2 | 0 | 0 | 0 | 5 | 0 | 1 | 23 | 0 |
| **BIHAR PLAINS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1012.6 | 1005.0 | +1.4 | 25.5 | 22.9 | 21.6 | 25.8 | 80 | + 3 | 1.6 | -0.4 | 3.7 | 0 | 0 | 27 | 00 | 15 | 9 | 3 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 66 | 1008.6 | 1001.3 | +1.1 | 27.0 | 24.1 | 22.7 | 27.6 | 76 | + 2 | 0.6 | -0.9 | 1.2 | 0 | 0 | 7 | 01 | 3 | 1 | 1 | 0 | 0 | 1 | 0 | 24 | 0 |
| Forbesganj | 0830 | 61 | 1012.8 | 1005.8 | +1.8 | 25.3 | 22.3 | 20.7 | 24.4 | 76 | - 2 | 1.6 | -1.5 | 2.9 | 0 | 0 | 28 | 00 | 2 | 23 | 3 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1730 | 61 | 1008.7 | 1001.8 | +1.2 | 27.6 | 23.7 | 21.8 | 26.1 | 71 | + 0 | 1.2 | -1.5 | 0.8 | 0 | 0 | 13 | 00 | 2 | 5 | 1 | 0 | 0 | 5 | 0 | 18 | 0 |
| Darbhanga | 0830 | 49 | 1013.0 | 1007.6 | +1.6 | 28.4 | 24.3 | 22.3 | 26.9 | 70 | - 5 | 1.4 | -1.0 | 1.7 | 0 | 0 | 12 | 00 | 5 | 6 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 1730 | 49 | 1008.5 | 1003.1 | +0.7 | 29.1 | 24.8 | 22.9 | 27.9 | 69 | + 0 | 0.1 | -1.9 | 0.2 | 0 | 0 | 3 | 01 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Muzaffarpur | 0830 | | .. | .. | .. | 25.8 | 23.2 | 21.9 | 26.3 | 79 | .. | 2.2 | .. | 2.1 | 0 | 0 | 14 | 04 | 1 | 6 | 2 | 0 | 1 | 0 | 0 | 17 | 0 |
| | 1730 | | .. | .. | .. | 28.5 | 24.2 | 22.1 | 26.6 | 69 | .. | 0.6 | .. | 0.8 | 0 | 0 | 6 | 01 | 0 | 2 | 0 | 0 | 0 | 1 | 2 | 25 | 0 |
| Chapra | 0830 | 58 | 1011.7 | 1005.1 | .. | 26.5 | 22.0 | 19.5 | 22.7 | 67 | .. | 0.8 | .. | 2.2 | 0 | 0 | 27 | 00 | 14 | 3 | 3 | 1 | 5 | 0 | 1 | 4 | 0 |
| | 1730 | 58 | 1008.5 | 1002.1 | .. | 29.7 | 22.5 | 18.5 | 21.3 | 51 | .. | 0.7 | .. | 2.1 | 0 | 0 | 24 | 00 | 15 | 1 | 3 | 1 | 3 | 0 | 1 | 7 | 0 |
| Purnea | 0830 | 38 | 1012.9 | 1008.5 | +1.1 | 25.6 | 23.1 | 21.9 | 26.3 | 81 | + 4 | 2.3 | -0.4 | 1.2 | 0 | 0 | 19 | 01 | 4 | 2 | 2 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 1730 | 38 | 1008.9 | 1004.6 | +1.0 | 27.2 | 24.2 | 22.8 | 27.7 | 77 | + 0 | 1.1 | -1.2 | 0.2 | 0 | 0 | 3 | 00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 28 | 0 |
| Patna | 0830 | 53 | 1012.1 | 1006.1 | +0.7 | 25.9 | 21.9 | 19.7 | 22.9 | 69 | - 1 | 1.3 | -1.0 | 5.5 | 0 | 0 | 28 | 00 | 13 | 3 | 5 | 2 | 5 | 0 | 0 | 3 | 0 |
| | 1730 | 53 | 1008.3 | 1002.4 | +0.5 | 29.9 | 23.1 | 19.5 | 22.7 | 54 | - 8 | 0.8 | -1.4 | 3.7 | 0 | 0 | 25 | 04 | 16 | 1 | 0 | 0 | 2 | 1 | 1 | 6 | 0 |
| Patna Aerodrome | 0530 | 60 | 1010.2 | 1003.3 | .. | 21.5 | 20.4 | 19.7 | 22.9 | 90 | .. | 1.6 | .. | 2.6 | 0 | 0 | 12 | 01 | 4 | 5 | 1 | 0 | 1 | 0 | 0 | 19 | 0 |
| | 0830 | 60 | 1012.2 | 1005.5 | +1.6 | 26.6 | 22.1 | 19.7 | 22.9 | 66 | - 8 | 1.8 | -0.8 | 7.6 | 0 | 0 | 29 | 00 | 3 | 9 | 4 | 4 | 6 | 2 | 0 | 2 | 1 |
| | 1130 | 60 | 1011.2 | 1004.5 | .. | 31.1 | 22.9 | 18.5 | 21.3 | 48 | .. | 2.2 | .. | 7.8 | 0 | 0 | 31 | 01 | 7 | 7 | 2 | 1 | 5 | 3 | 0 | 0 | 5 |
| | 1430 | 60 | 1008.3 | 1001.7 | .. | 32.8 | 22.4 | 16.4 | 18.6 | 38 | .. | 2.3 | .. | 9.0 | 0 | 0 | 31 | 03 | 8 | 6 | 1 | 1 | 5 | 5 | 2 | 0 | 0 |
| | 1730 | 60 | 1008.3 | 1001.6 | +1.0 | 29.4 | 22.4 | 18.6 | 21.4 | 53 | -14 | 1.5 | -1.1 | 3.6 | 0 | 0 | 19 | 04 | 6 | 6 | 0 | 0 | 1 | 1 | 1 | 12 | 0 |
| | 2030 | 60 | 1010.3 | 1003.5 | .. | 25.5 | 21.7 | 19.6 | 22.8 | 70 | .. | 0.6 | .. | 2.0 | 0 | 0 | 10 | 00 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 2330 | 60 | 1010.6 | 1003.7 | .. | 23.8 | 21.3 | 19.9 | 23.2 | 79 | .. | 0.8 | .. | 3.7 | 0 | 0 | 15 | 00 | 1 | 9 | 4 | 0 | 1 | 0 | 0 | 16 | 0 |
| Bhagalpur | 0530 | 49 | 1010.7 | 1005.1 | .. | 22.7 | 21.1 | 20.2 | 23.7 | 89 | .. | 3.0 | .. | 2.6 | 0 | 0 | 24 | 01 | 1 | 5 | 12 | 1 | 3 | 0 | 1 | 7 | 0 |
| | 0830 | 49 | 1012.4 | 1006.9 | +1.2 | 26.6 | 23.2 | 21.5 | 25.6 | 74 | - 1 | 2.7 | -0.3 | 3.5 | 0 | 0 | 27 | 02 | 5 | 2 | 11 | 4 | 3 | 0 | 0 | 4 | 0 |
| | 1130 | 49 | 1011.4 | 1005.9 | .. | 29.7 | 23.6 | 20.7 | 24.4 | 59 | .. | 3.8 | .. | 4.6 | 0 | 1 | 30 | 04 | 10 | 7 | 6 | 0 | 1 | 0 | 3 | 0 | 0 |
| | 1730 | 49 | 1008.7 | 1003.2 | +1.0 | 28.0 | 23.3 | 20.9 | 24.7 | 66 | - 7 | 2.8 | -0.3 | 3.3 | 0 | 0 | 30 | 05 | 8 | 8 | 6 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 2330 | 49 | 1010.9 | 1005.3 | .. | 24.2 | 22.3 | 21.3 | 25.3 | 84 | .. | 0.9 | .. | 2.6 | 0 | 0 | 24 | 00 | 1 | 5 | 16 | 0 | 1 | 0 | 1 | 7 | 0 |
| Sabaur | 0830 | 37 | 1012.6 | 1008.3 | +1.0 | 26.1 | 23.5 | 22.2 | 26.7 | 80 | + 3 | 2.7 | -0.2 | 6.3 | 0 | 0 | 28 | 02 | 4 | 10 | 5 | 4 | 2 | 1 | 0 | 3 | 0 |
| | 1730 | 37 | 1008.8 | 1004.6 | +0.9 | 28.0 | 24.3 | 22.5 | 27.3 | 73 | - 2 | 2.3 | -0.6 | 4.1 | 0 | 0 | 21 | 02 | 5 | 8 | 1 | 1 | 1 | 0 | 2 | 10 | 0 |
| Jamui | 0830 | 82 | .. | .. | .. | 26.6 | 23.1 | 21.3 | 25.3 | 73 | - 5 | 3.2 | +0.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 82 | .. | .. | .. | 29.9 | 24.6 | 22.1 | 26.6 | 65 | - 8 | 3.1 | +0.3 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dehri | 0830 | 107 | 1011.5 | 999.3 | +0.7 | 27.0 | 21.3 | 18.1 | 20.8 | 59 | -13 | 1.1 | -1.2 | 2.2 | 0 | 0 | 29 | 01 | 0 | 4 | 9 | 7 | 7 | 1 | 0 | 2 | 0 |
| | 1730 | 107 | 1007.1 | 995.2 | +0.2 | 31.6 | 22.6 | 17.6 | 20.1 | 44 | -20 | 0.7 | -1.7 | 2.5 | 0 | 0 | 30 | 04 | 19 | 1 | 1 | 0 | 0 | 3 | 2 | 1 | 0 |
| Gaya | 0230 | 116 | 1009.8 | 996.5 | .. | 22.3 | 19.6 | 17.9 | 20.5 | 76 | .. | 0.6 | .. | 3.2 | 0 | 0 | 19 | 01 | 4 | 6 | 5 | 3 | 0 | 0 | 0 | 12 | 0 |
| | 0530 | 116 | 1010.3 | 996.9 | .. | 20.8 | 18.6 | 17.2 | 19.6 | 81 | .. | 1.0 | .. | 3.0 | 0 | 0 | 20 | 00 | 1 | 5 | 7 | 6 | 1 | 0 | 0 | 11 | 0 |
| | 0830 | 116 | 1012.1 | 999.0 | +0.7 | 26.7 | 21.3 | 18.2 | 20.9 | 60 | -12 | 1.3 | -1.2 | 5.2 | 0 | 1 | 26 | 00 | 2 | 3 | 6 | 8 | 8 | 0 | 0 | 4 | 0 |
| | 1130 | 116 | 1011.1 | 998.1 | .. | 32.3 | 22.5 | 16.9 | 19.3 | 41 | .. | 1.5 | .. | 7.5 | 0 | 1 | 29 | 04 | 6 | 5 | 1 | 0 | 5 | 6 | 2 | 1 | 1 |
| | 1430 | 116 | 1008.1 | 995.3 | .. | 33.4 | 22.4 | 15.9 | 18.1 | 35 | .. | 1.8 | .. | 8.5 | 0 | 1 | 29 | 07 | 4 | 3 | 0 | 0 | 2 | 5 | 8 | 1 | 1 |
| | 1730 | 116 | 1008.1 | 995.1 | +0.2 | 31.1 | 21.8 | 16.3 | 18.5 | 41 | -20 | 1.2 | -1.5 | 5.8 | 0 | 0 | 29 | 06 | 8 | 1 | 0 | 0 | 1 | 2 | 11 | 2 | 0 |
| | 2030 | 116 | 1010.1 | 996.9 | .. | 26.8 | 20.8 | 17.2 | 19.6 | 55 | .. | 0.7 | .. | 3.3 | 0 | 0 | 21 | 06 | 6 | 4 | 0 | 1 | 0 | 0 | 2 | 10 | 0 |
| | 2330 | 116 | 1010.7 | 997.4 | .. | 24.1 | 20.0 | 17.5 | 20.0 | 66 | .. | 0.9 | .. | 3.8 | 0 | 0 | 20 | 02 | 7 | 4 | 1 | 5 | 1 | 0 | 0 | 11 | 0 |
| **UTTAR PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1012.4 | 998.3 | +1.2 | 24.6 | 21.6 | 19.7 | 22.9 | 75 | + 2 | 1.0 | -0.6 | 4.5 | 0 | 0 | 21 | 00 | 1 | 6 | 12 | 0 | 1 | 0 | 1 | 10 | 0 |
| | 1730 | 124 | 1008.4 | 994.5 | +0.5 | 29.1 | 23.1 | 19.7 | 22.9 | 59 | + 2 | 1.3 | -0.4 | 0.6 | 0 | 0 | 5 | 01 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 26 | 0 |
| Nautanwa | 0830 | 99 | 1011.4 | 1000.0 | +0.1 | 25.2 | 22.1 | 20.4 | 24.0 | 76 | - 8 | 0.6 | -2.0 | .. | . | .. | .. | 01 | 6 | 11 | 5 | 0 | 0 | 0 | 2 | 6 | 0 |
| | 1730 | 99 | 1007.4 | 996.2 | -0.7 | 27.7 | [illegible] | 20.4 | 24.0 | 65 | - 6 | 0.9 | -0.9 | .. | . | .. | .. | 01 | 4 | 1 | 2 | 1 | 0 | 0 | 5 | 17 | 0 |
| Hardoi | 0830 | 142 | 1011.8 | 995.7 | +1.4 | 25.8 | [illegible] | 17.8 | 20.4 | 62 | -15 | 0.2 | -1.3 | 2.6 | 0 | 0 | 26 | 01 | 1 | 10 | 4 | 4 | 3 | 3 | 0 | 5 | 0 |
| | 1730 | 142 | 1007.4 | 991.7 | +0.4 | 29.8 | 23.2 | 19.7 | 22.9 | 56 | - 5 | 0.3 | -1.2 | 1.3 | 0 | 0 | 15 | 02 | 0 | 4 | 2 | 1 | 0 | 6 | 0 | 16 | 0 |
| Gonda | 0830 | 110 | 1012.4 | 999.9 | +0.7 | 25.5 | 21.5 | 19.3 | 22.4 | 69 | -10 | 0.5 | -1.1 | 2.5 | 0 | 0 | 24 | 04 | 1 | 18 | 0 | 0 | 0 | 1 | 0 | 7 | 0 |
| | 1730 | 110 | 1008.5 | 996.0 | +0.1 | 29.0 | 23.0 | 19.7 | 22.9 | 58 | - 8 | 0.3 | -1.2 | 0.6 | 0 | 0 | 7 | 00 | 0 | 3 | 0 | 0 | 0 | 0 | 4 | 24 | 0 |
| Lucknow | 0830 | 111 | 1011.4 | 998.8 | +0.1 | 25.1 | 20.8 | 18.2 | 20.9 | 63 | - 9 | 0.4 | -0.5 | 0.7 | 0 | 0 | 9 | 00 | 0 | 5 | 0 | 0 | 0 | 4 | 0 | 22 | 0 |
| | 1730 | 111 | 1008.3 | 995.9 | +0.8 | 29.5 | 22.6 | 18.5 | 21.3 | 53 | - 7 | 0.8 | -0.7 | 0.6 | 0 | 0 | 5 | 00 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 26 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, EAST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow (Amausi) | 0230 | 128 | 1009.4 | 994.6 | .. | 19.9 | 18.1 | 16.9 | 19.3 | 83 | .. | 0.3 | .. | 3.5 | 0 | 0 | 18 | 01 | 6 | 3 | 1 | 2 | 0 | 3 | 2 | 13 | 0 |
| | 0530 | 128 | 1010.0 | 995.2 | .. | 18.7 | 17.5 | 16.6 | 18.9 | 87 | .. | 0.5 | .. | 2.4 | 0 | 0 | 15 | 00 | 4 | 3 | 1 | 1 | 0 | 4 | 2 | 16 | 0 |
| | 0830 | 128 | 1011.7 | 997.2 | +0.8 | 25.0 | 20.0 | 16.8 | 19.1 | 61 | -12 | 0.7 | -1.2 | 6.3 | 0 | 0 | 27 | 02 | 0 | 9 | 6 | 3 | 2 | 4 | 1 | 4 | 0 |
| | 1130 | 128 | 1011.0 | 996.8 | .. | 30.9 | 21.1 | 14.5 | 16.5 | 39 | .. | 0.7 | .. | 8.5 | 0 | 3 | 23 | 02 | 2 | 5 | 4 | 3 | 3 | 3 | 4 | 5 | 0 |
| | 1430 | 128 | 1008.2 | 994.1 | .. | 32.6 | 21.0 | 12.9 | 14.9 | 32 | .. | 1.0 | .. | 9.0 | 0 | 3 | 27 | 06 | 3 | 5 | 4 | 1 | 1 | 4 | 6 | 1 | 0 |
| | 1730 | 128 | 1008.1 | 993.8 | +0.4 | 28.7 | 21.7 | 17.5 | 20.0 | 52 | -10 | 1.1 | -1.0 | 3.1 | 0 | 0 | 17 | 03 | 6 | 2 | 0 | 0 | 0 | 3 | 3 | 14 | 0 |
| | 2030 | 128 | 1009.7 | 995.1 | .. | 23.3 | 19.5 | 17.1 | 19.5 | 69 | .. | 0.4 | .. | 3.0 | 0 | 0 | 17 | 03 | 5 | 3 | 2 | 1 | 0 | 1 | 2 | 14 | 0 |
| | 2330 | 128 | 1010.1 | 995.4 | .. | 21.0 | 18.6 | 17.3 | 19.7 | 79 | .. | 0.3 | .. | 2.3 | 0 | 0 | 17 | 00 | 4 | 5 | 2 | 1 | 0 | 4 | 1 | 14 | 0 |
| Faizabad | 0830 | 102 | 1011.7 | 1000.1 | +0.8 | 25.6 | 21.6 | 19.3 | 22.4 | 69 | - 7 | 0.7 | -1.5 | 2.1 | 0 | 0 | 21 | 00 | 1 | 6 | 6 | 1 | 3 | 2 | 1 | 10 | 1 |
| Gorakhpur | 1730 | 102 | 1008.3 | 996.9 | +0.4 | 28.3 | 22.9 | 20.0 | 23.4 | 61 | -12 | 1.1 | -1.1 | 0.6 | 0 | 0 | 3 | 00 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 28 | 0 |
| | 0830 | 77 | 1012.4 | 1003.8 | +1.5 | 26.4 | 22.1 | 19.7 | 22.9 | 67 | - 7 | 0.3 | -1.6 | 1.4 | 0 | 0 | 18 | 00 | 0 | 14 | 0 | 3 | 0 | 1 | 0 | 13 | 0 |
| Gorakhpur (P.B.O.) | 1730 | 77 | 1008.5 | 999.9 | +0.8 | 30.3 | 22.6 | 18.3 | 21.0 | 50 | -11 | 0.6 | -1.3 | 0.9 | 0 | 0 | 12 | 03 | 0 | 4 | 0 | 0 | 0 | 4 | 1 | 19 | 0 |
| | 0230 | 78 | 1009.3 | 1000.3 | .. | 23.3 | 21.1 | 20.0 | 23.4 | 80 | .. | 0.3 | .. | 1.2 | 0 | 0 | 7 | 02 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 78 | 1010.0 | 1001.0 | .. | 22.4 | 20.5 | 19.5 | 22.7 | 84 | .. | 0.5 | .. | 1.9 | 0 | 0 | 14 | 05 | 3 | 2 | 0 | 2 | 2 | 0 | 0 | 17 | 0 |
| | 1130 | 78 | 1011.6 | 1002.7 | .. | 28.4 | 22.2 | 19.3 | 22.4 | 59 | .. | 1.5 | .. | 5.3 | 0 | 0 | 30 | 04 | 3 | 3 | 5 | 10 | 4 | 1 | 0 | 1 | 0 |
| | 1430 | 78 | 1008.6 | 999.8 | .. | 30.0 | 22.3 | 18.6 | 21.4 | 52 | .. | 2.0 | .. | 6.1 | 0 | 1 | 28 | 05 | 5 | 2 | 4 | 3 | 6 | 1 | 3 | 2 | 0 |
| | 2030 | 78 | 1009.9 | 1001.0 | .. | 25.8 | 21.9 | 20.3 | 23.8 | 67 | .. | 0.5 | .. | 2.3 | 0 | 0 | 18 | 06 | 4 | 3 | 1 | 0 | 2 | 1 | 1 | 13 | 0 |
| | 2330 | 78 | 1010.2 | 1001.2 | .. | 24.2 | 21.3 | 19.9 | 23.2 | 77 | .. | 0.4 | .. | 1.7 | 0 | 0 | 12 | 02 | 5 | 1 | 1 | 0 | 1 | 0 | 2 | 19 | 0 |
| Kanpur | 0830 | 126 | 1011.4 | 996.9 | -0.1 | 24.3 | 19.5 | 16.3 | 19.5 | 62 | - 7 | 0.5 | -0.7 | 4.9 | 0 | 0 | 23 | 00 | 1 | 13 | 2 | 1 | 1 | 5 | 0 | 8 | 0 |
| Kanpur (Aerodrome) | 1730 | 126 | 1008.0 | 993.9 | -0.1 | 32.1 | 21.7 | 15.0 | 17.0 | 37 | -15 | 0.3 | -1.1 | 5.6 | 0 | 1 | 23 | 09 | 2 | 6 | 1 | 0 | 0 | 5 | 1 | 7 | 0 |
| | 0530 | 126 | 1009.7 | 995.5 | .. | 20.1 | 18.0 | 16.6 | 18.9 | 80 | .. | 0.5 | .. | 2.2 | 0 | 0 | 7 | 00 | 1 | 2 | 2 | 0 | 1 | 0 | 1 | 24 | 0 |
| | 0830 | 126 | 1011.7 | 997.4 | .. | 25.6 | 20.1 | 16.3 | 18.5 | 57 | .. | 0.7 | .. | 8.0 | 0 | 1 | 27 | 00 | 1 | 4 | 10 | 5 | 3 | 3 | 2 | 3 | 0 |
| | 1130 | 126 | 1010.8 | 997.0 | .. | 32.1 | 21.5 | 14.1 | 16.1 | 35 | .. | 0.5 | .. | 11.4 | 0 | 1 | 29 | 01 | 4 | 4 | 9 | 2 | 1 | 7 | 2 | 1 | 0 |
| | 1730 | 126 | 1007.9 | 993.9 | .. | 31.0 | 21.3 | 15.1 | 17.1 | 39 | .. | 0.7 | .. | 8.4 | 0 | 1 | 28 | 11 | 5 | 7 | 1 | 0 | 0 | 3 | 2 | 2 | 0 |
| | 2330 | 126 | 1010.0 | 995.7 | .. | 23.1 | 19.5 | 17.1 | 19.5 | 68 | .. | 0.2 | .. | 2.2 | 0 | 0 | 7 | 00 | 0 | 2 | 2 | 1 | 0 | 1 | 1 | 24 | 0 |
| Sultanpur | 0830 | 97 | 1011.9 | 1000.9 | +0.7 | 25.6 | 20.6 | 17.4 | 19.9 | 61 | -11 | 0.5 | -1.6 | 1.5 | 0 | 0 | 17 | 00 | 1 | 4 | 5 | 1 | 4 | 2 | 0 | 14 | 0 |
| | 1730 | 97 | 1008.2 | 997.5 | +0.6 | 32.1 | 22.9 | 17.9 | 20.5 | 43 | -19 | 0.5 | -1.8 | 0.6 | 0 | 0 | 10 | 00 | 1 | 5 | 0 | 0 | 0 | 2 | 2 | 21 | 0 |
| Azamgarh | 0830 | 78 | 1012.3 | 1003.4 | +2.0 | 26.4 | 22.7 | 20.8 | 24.6 | 72 | - 3 | 0.5 | -1.1 | 3.2 | 0 | 0 | 25 | 06 | 2 | 9 | 0 | 2 | 0 | 4 | 0 | 6 | 0 |
| Fatehpur | 1730 | 78 | 1008.0 | 999.3 | +1.1 | 29.9 | 24.2 | 21.4 | 25.5 | 61 | - 8 | 0.2 | -1.0 | 1.0 | 0 | 0 | 10 | 06 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 114 | 1011.8 | 998.8 | +0.5 | 26.8 | 20.4 | 16.3 | 18.5 | 53 | -16 | 0.3 | -1.2 | 3.6 | 0 | 0 | 25 | 02 | 1 | 6 | 7 | 1 | 5 | 1 | 2 | 6 | 0 |
| Ballia | 1730 | 114 | 1007.9 | 995.2 | +0.2 | 31.9 | 22.1 | 16.3 | 18.5 | 39 | -17 | 0.5 | -1.1 | 1.8 | 0 | 0 | 15 | 02 | 7 | 3 | 0 | 1 | 0 | 0 | 2 | 16 | 0 |
| | 0830 | 64 | 1012.4 | 1005.1 | +1.4 | 26.0 | 22.4 | 20.5 | 24.1 | 72 | - 5 | 0.5 | -2.2 | 0.6 | 0 | 0 | 8 | 00 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 23 | 0 |
| Banda | 1730 | 64 | 1008.5 | 1001.4 | +0.7 | 30.1 | 22.7 | 18.3 | 21.0 | 51 | -17 | 0.4 | -2.7 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 0830 | 121 | 1012.3 | 998.6 | +1.3 | 26.1 | 19.3 | 14.7 | 16.7 | 50 | -19 | 0.3 | -1.1 | 1.0 | 0 | 0 | 14 | 01 | 4 | 0 | 4 | 0 | 3 | 0 | 2 | 17 | 0 |
| Allahabad (Bamhrauli) | 1730 | 121 | 1007.9 | 994.6 | +0.6 | 33.7 | 21.2 | 12.8 | 14.8 | 29 | -30 | 0.1 | -1.5 | 0.4 | 0 | 0 | 6 | 00 | 0 | 0 | 2 | 0 | 2 | 0 | 2 | 25 | 0 |
| | 0230 | 98 | 1009.6 | 998.3 | .. | 22.1 | 18.6 | 16.3 | 18.5 | 69 | .. | 0.1 | .. | 1.1 | 0 | 0 | 14 | 03 | 5 | 1 | 2 | 0 | 1 | 1 | 1 | 17 | 0 |
| | 0530 | 98 | 1010.0 | 998.7 | .. | 20.8 | 18.1 | 16.2 | 18.4 | 76 | .. | 0.8 | .. | 1.2 | 0 | 0 | 8 | 00 | 4 | 1 | 1 | 0 | 0 | 1 | 1 | 25 | 0 |
| | 0830 | 98 | 1011.8 | 1000.7 | +0.5 | 26.5 | 20.4 | 16.5 | 18.9 | 55 | -14 | 0.8 | -1.2 | 1.9 | 0 | 0 | 16 | 01 | 5 | 1 | 2 | 3 | 2 | 2 | 0 | 15 | 0 |
| | 1130 | 98 | 1011.1 | 1000.3 | .. | 33.8 | 22.6 | 15.8 | 17.9 | 35 | .. | 0.8 | .. | 3.5 | 0 | 0 | 27 | 04 | 4 | 2 | 3 | 3 | 2 | 6 | 3 | 4 | 0 |
| | 1430 | 98 | 1008.2 | 997.4 | .. | 35.4 | 22.6 | 14.5 | 16.5 | 30 | .. | 1.0 | .. | 5.7 | 0 | 0 | 31 | 05 | 8 | 1 | 1 | 0 | 0 | 2 | 13 | 0 | 1 |
| | 1730 | 98 | 1007.9 | 997.1 | -0.2 | 32.3 | 22.5 | 16.8 | 19.1 | 40 | -12 | 0.7 | -1.5 | 1.5 | 0 | 0 | 17 | 07 | 2 | 0 | 0 | 0 | 0 | 1 | 7 | 14 | 0 |
| | 2030 | 98 | 1009.9 | 998.8 | .. | 26.2 | 20.3 | 16.6 | 18.9 | 56 | .. | 0.4 | .. | 0.9 | 0 | 0 | 6 | 02 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 25 | 0 |
| | 2330 | 98 | 1010.3 | 999.1 | .. | 23.7 | 19.2 | 16.1 | 18.3 | 63 | .. | 0.2 | .. | 1.0 | 0 | 0 | 9 | 00 | 3 | 1 | 1 | 0 | 2 | 0 | 2 | 22 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1011.2 | 1001.3 | .. | 20.1 | 18.1 | 16.7 | 19.0 | 81 | .. | 1.0 | .. | 2.8 | 0 | 1 | 9 | 01 | 3 | 2 | 1 | 0 | 1 | 0 | 2 | 21 | 0 |
| | 0830 | 85 | 1012.8 | 1003.2 | +1.5 | 26.6 | 21.0 | 17.5 | 20.0 | 59 | -12 | 1.0 | -1.0 | 7.3 | 0 | 0 | 24 | 01 | 1 | 6 | 5 | 3 | 3 | 2 | 0 | 7 | 1 |
| | 1130 | 85 | 1012.1 | 1002.6 | .. | 32.1 | 22.0 | 15.6 | 17.7 | 38 | .. | 1.1 | .. | 9.0 | 0 | 0 | 30 | 03 | 5 | 6 | 1 | 2 | 3 | 5 | 2 | 1 | 3 |
| | 1730 | 85 | 1009.2 | 999.6 | +1.3 | 30.9 | 21.0 | 14.4 | 16.4 | 38 | -20 | 0.8 | -1.6 | 7.0 | 0 | 1 | 28 | 04 | 8 | 1 | 1 | 0 | 0 | 3 | 9 | 2 | 3 |
| | 2330 | 85 | 1011.2 | 1001.5 | .. | 22.6 | 18.7 | 16.1 | 18.3 | 67 | .. | 0.4 | .. | 1.6 | 0 | 0 | 7 | 00 | 2 | 2 | 0 | 0 | 0 | 1 | 2 | 24 | 0 |
| Varanasi | 0830 | 76 | 1011.1 | 1002.4 | -0.2 | 25.9 | 21.0 | 17.9 | 20.5 | 63 | -10 | 0.5 | -1.4 | 1.9 | 0 | 0 | 22 | 00 | 4 | 7 | 5 | 0 | 0 | 4 | 2 | 9 | 0 |
| | 1730 | 76 | 1007.3 | 998.6 | -0.7 | 32.6 | 22.2 | 15.8 | 17.9 | 37 | -18 | 0.5 | -2.2 | 1.8 | 0 | 0 | 19 | 01 | 2 | 5 | 0 | 0 | 0 | 6 | 4 | 12 | 1 |
| **UTTAR PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 15.5 | 10.5 | 6.1 | 9.4 | 54 | -15 | 1.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 15.5 | 10.6 | 6.3 | 9.5 | 55 | -12 | 2.4 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | 770 | 1025.9 | 938.2 | .. | 16.7 | 14.4 | 12.7 | 14.7 | 78 | - 1 | 1.5 | -0.8 | 0.6 | 0 | 0 | 9 | 01 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 1130 | 770 | 1021.9 | 936.5 | .. | 23.8 | 16.7 | 11.7 | 13.7 | 48 | .. | 1.7 | .. | 2.3 | 0 | 0 | 26 | 03 | 11 | 3 | 2 | 2 | 0 | 3 | 1 | 5 | 1 |
| | 1730 | 770 | 1017.7 | 933.0 | .. | 24.9 | 17.0 | 11.4 | 13.5 | 44 | - 7 | 2.1 | -0.2 | 2.0 | 0 | 0 | 21 | 00 | 3 | 1 | 9 | 4 | 3 | 1 | 0 | 10 | 0 |
| Dehra Dun | 0530 | 682 | 1011.3 | 934.4 | .. | 16.6 | 14.1 | 12.2 | 14.2 | 75 | .. | 1.1 | .. | 0.6 | 0 | 0 | 9 | 05 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 22 | 0 |
| | 0830 | 682 | 1012.5 | 936.1 | +0.4 | 20.2 | 16.1 | 13.5 | 15.5 | 65 | - 3 | 1.1 | -0.3 | 0.9 | 0 | 0 | 9 | 06 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 22 | 0 |
| | 1130 | 682 | 1011.3 | 936.3 | .. | 25.4 | 18.6 | 14.3 | 16.3 | 51 | .. | 1.6 | .. | 1.5 | 0 | 0 | 19 | 00 | 1 | 0 | 5 | 10 | 3 | 0 | 0 | 12 | 0 |
| | 1730 | 682 | 1008.2 | 933.7 | +0.3 | 26.0 | 20.3 | 17.2 | 19.6 | 59 | - 2 | 2.2 | +0.9 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 29 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, WEST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dehra Dun (Contd.) | 2330 | 682 | 1011.7 | 935.1 | .. | 19.0 | 15.6 | 13.2 | 15.2 | 70 | .. | 0.7 | .. | 1.3 | 0 | 0 | 15 | 07 | 5 | 0 | 1 | 0 | 0 | 1 | 1 | 16 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | 13.4 | 10.4 | 7.9 | 10.7 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.6 | 10.2 | 8.2 | 10.9 | 75 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1012.3 | 981.0 | +0.6 | 22.0 | 18.3 | 15.6 | 17.7 | 68 | - 5 | 1.5 | +0.0 | 0.2 | 0 | 0 | 3 | 00 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 274 | 1009.0 | 978.4 | +1.1 | 27.9 | 21.6 | 17.7 | 20.2 | 55 | + 4 | 1.7 | +0.3 | 5.3 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| Najibabad | 0830 | 270 | 1012.8 | 982.0 | +1.4 | 22.0 | 18.2 | 15.8 | 17.9 | 68 | - 8 | 1.2 | -0.1 | 2.5 | 0 | 0 | 24 | 01 | 8 | 9 | 2 | 0 | 0 | 0 | 4 | 7 | 0 |
| | 1730 | 270 | 1009.2 | 979.1 | +0.6 | 27.3 | 21.3 | 17.6 | 20.1 | 56 | - 3 | 1.3 | +0.3 | 1.5 | 0 | 0 | 16 | 02 | 3 | 3 | 1 | 0 | 0 | 5 | 2 | 15 | 0 |
| Meerut | 0830 | 222 | 1012.3 | 987.0 | +1.1 | 23.9 | 19.7 | 16.0 | 18.2 | 62 | - 7 | 0.2 | -0.7 | 2.8 | 0 | 0 | 20 | 00 | 6 | 7 | 4 | 0 | 0 | 3 | 0 | 11 | 0 |
| Bareilly | 0830 | 173 | 1012.0 | 992.2 | +0.8 | 23.9 | 20.6 | 18.6 | 21.4 | 73 | + 2 | 0.4 | -0.8 | 5.3 | 0 | 0 | 28 | 03 | 2 | 10 | 7 | 0 | 1 | 2 | 3 | 3 | 0 |
| | 1730 | 173 | 1007.8 | 988.5 | +0.2 | 28.6 | 22.0 | 18.1 | 20.8 | 54 | + 2 | 0.9 | -0.3 | 2.0 | 0 | 0 | 20 | 06 | 0 | 4 | 0 | 0 | 1 | 6 | 3 | 11 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1009.6 | 989.7 | .. | 21.9 | 19.1 | 17.5 | 20.0 | 77 | .. | 0.2 | .. | 3.2 | 0 | 0 | 19 | 01 | 2 | 8 | 2 | 0 | 1 | 4 | 1 | 12 | 0 |
| | 0530 | 172 | 1010.3 | 990.4 | .. | 21.3 | 18.9 | 17.6 | 20.1 | 80 | .. | 1.1 | .. | 4.8 | 0 | 0 | 27 | 02 | 6 | 12 | 0 | 0 | 1 | 5 | 1 | 4 | 0 |
| | 1130 | 172 | 1011.6 | 992.2 | .. | 28.6 | 21.7 | 18.2 | 20.9 | 55 | .. | 0.6 | .. | 5.4 | 0 | 0 | 30 | 00 | 4 | 8 | 7 | 2 | 1 | 3 | 5 | 1 | 0 |
| | 1430 | 172 | 1008.6 | 989.4 | .. | 30.9 | 22.3 | 18.1 | 20.8 | 49 | .. | 0.8 | .. | 5.4 | 0 | 0 | 29 | 03 | 2 | 5 | 5 | 0 | 0 | 6 | 8 | 2 | 0 |
| | 2030 | 172 | 1009.8 | 990.3 | .. | 25.8 | 20.9 | 18.3 | 21.0 | 65 | .. | 0.4 | .. | 4.1 | 0 | 0 | 23 | 00 | 6 | 9 | 1 | 1 | 0 | 3 | 3 | 8 | 0 |
| | 2330 | 172 | 1010.2 | 990.4 | .. | 23.4 | 19.6 | 17.6 | 20.1 | 71 | .. | 0.2 | .. | 3.9 | 0 | 1 | 22 | 01 | 1 | 13 | 3 | 0 | 1 | 2 | 2 | 8 | 0 |
| Aligarh | 0830 | 187 | 1012.3 | 990.5 | +0.6 | 24.2 | 19.1 | 15.7 | 17.8 | 60 | - 3 | 1.0 | +0.2 | 5.2 | 0 | 0 | 27 | 02 | 1 | 9 | 4 | 2 | 2 | 6 | 1 | 4 | 0 |
| | 1730 | 187 | 1008.6 | 987.8 | +1.5 | 31.3 | 21.1 | 14.4 | 16.4 | 37 | - 5 | 1.3 | +0.3 | 2.3 | 0 | 0 | 24 | 08 | 1 | 6 | 0 | 0 | 0 | 5 | 4 | 7 | 0 |
| Mainpuri | 0830 | 157 | 1011.6 | 993.7 | +0.4 | 24.9 | 19.8 | 16.5 | 18.8 | 60 | - 7 | 0.7 | -0.4 | 2.1 | 0 | 0 | 18 | 00 | 2 | 9 | 0 | 0 | 0 | 4 | 3 | 13 | 0 |
| | 1730 | 157 | 1008.2 | 991.0 | +0.9 | 30.6 | 22.1 | 16.9 | 19.3 | 44 | - 6 | 0.5 | -0.7 | 1.0 | 0 | 0 | 6 | 00 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 25 | 0 |
| Agra | 0830 | 169 | 1012.0 | 992.8 | +0.5 | 25.2 | 18.8 | 14.6 | 16.6 | 53 | - 6 | 0.7 | -0.1 | 1.5 | 0 | 0 | 14 | 00 | 4 | 0 | 4 | 0 | 4 | 0 | 2 | 17 | 0 |
| | 1730 | 169 | 1007.9 | 986.4 | -0.9 | 32.0 | 21.9 | 15.8 | 17.9 | 38 | - 2 | 1.2 | +0.3 | 1.8 | 0 | 0 | 12 | 00 | 4 | 0 | 0 | 0 | 1 | 0 | 7 | 19 | 0 |
| Agra (Aerodrome) | 0230 | 169 | 1009.5 | 990.2 | .. | 20.7 | 18.0 | 16.0 | 18.2 | 75 | .. | 0.5 | .. | 4.6 | 0 | 1 | 10 | 00 | 1 | 5 | 2 | 1 | 0 | 1 | 1 | 20 | 0 |
| | 0530 | 169 | 1010.0 | 990.5 | .. | 19.0 | 17.0 | 15.6 | 17.7 | 80 | .. | 0.3 | .. | 6.3 | 0 | 0 | 18 | 00 | 1 | 6 | 3 | 0 | 1 | 2 | 4 | 13 | 1 |
| | 0830 | 169 | 1011.8 | 992.6 | .. | 24.5 | 19.5 | 16.2 | 18.4 | 61 | .. | 0.9 | .. | 7.4 | 0 | 1 | 23 | 01 | 1 | 2 | 8 | 3 | 2 | 4 | 3 | 7 | 0 |
| | 1130 | 169 | 1011.1 | 992.4 | .. | 32.9 | 22.0 | 15.3 | 17.4 | 35 | .. | 0.5 | .. | 12.7 | 0 | 2 | 27 | 03 | 0 | 2 | 2 | 5 | 4 | 6 | 7 | 2 | 0 |
| | 1730 | 169 | 1007.9 | 989.2 | .. | 31.8 | 22.4 | 17.0 | 19.4 | 42 | .. | 0.8 | .. | 7.4 | 0 | 1 | 24 | 09 | 1 | 3 | 0 | 0 | 1 | 2 | 5 | 6 | 0 |
| | 2330 | 169 | 1010.4 | 991.0 | .. | 22.4 | 18.7 | 16.3 | 18.5 | 69 | .. | 0.4 | .. | 5.1 | 0 | 0 | 15 | 01 | 3 | 5 | 3 | 1 | 0 | 0 | 2 | 16 | 0 |
| Orai | 0830 | 141 | 1012.1 | 996.6 | +1.1 | 31.8 | 22.9 | 17.7 | 20.3 | 44 | -20 | 0.3 | -1.0 | 3.0 | 0 | 0 | 30 | 12 | 14 | 0 | 0 | 0 | 0 | 0 | 4 | 1 | 0 |
| | 1730 | 141 | 1008.7 | 993.2 | +1.2 | 33.2 | 23.1 | 17.4 | 19.9 | 40 | -10 | 0.0 | -1.6 | 2.1 | 0 | 0 | 31 | 22 | 5 | 0 | 0 | 0 | 0 | 2 | 2 | 0 | 0 |
| Jhansi | 0830 | 251 | 1011.6 | 983.6 | +0.4 | 25.8 | 18.0 | 12.0 | 14.0 | 43 | -17 | 1.0 | -0.3 | 1.1 | 0 | 0 | 15 | 02 | 0 | 0 | 1 | 1 | 3 | 9 | 0 | 15 | 0 |
| | 1730 | 251 | 1005.9 | 978.7 | -1.5 | 34.3 | 20.5 | 10.5 | 12.7 | 25 | -15 | 1.4 | -0.6 | 1.7 | 0 | 0 | 20 | 05 | 0 | 4 | 0 | 5 | 0 | 6 | 0 | 11 | 0 |
| PUNJAB (INCLUDING DELHI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1010.8 | 975.0 | .. | 18.1 | 14.7 | 11.8 | 13.8 | 66 | .. | 1.8 | .. | 2.5 | 0 | 1 | 9 | 03 | 4 | 2 | 1 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 312 | 1012.1 | 976.6 | +1.1 | 21.8 | 16.3 | 11.9 | 13.8 | 54 | - 6 | 1.9 | +0.7 | 3.5 | 0 | 0 | 16 | 02 | 7 | 4 | 1 | 1 | 0 | 0 | 1 | 15 | 0 |
| | 1130 | 312 | 1011.6 | 976.8 | .. | 29.1 | 19.4 | 12.7 | 14.7 | 37 | .. | 2.0 | .. | 5.6 | 0 | 0 | 23 | 00 | 3 | 8 | 5 | 5 | 1 | 1 | 0 | 8 | 0 |
| | 1730 | 312 | 1008.7 | 974.2 | +0.4 | 29.0 | 19.4 | 12.3 | 14.3 | 37 | -15 | 2.5 | +1.0 | 5.1 | 0 | 1 | 21 | 01 | 0 | 2 | 0 | 2 | 1 | 11 | 5 | 9 | 0 |
| | 2330 | 312 | 1011.4 | 975.7 | .. | 19.8 | 16.1 | 13.1 | 15.1 | 66 | .. | 1.8 | .. | 2.7 | 0 | 1 | 8 | 01 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1010.8 | 983.7 | .. | 17.5 | 15.8 | 14.5 | 16.5 | 83 | .. | 1.4 | .. | 4.5 | 0 | 1 | 17 | 03 | 4 | 0 | 0 | 0 | 0 | 3 | 2 | 13 | 0 |
| | 0830 | 234 | 1012.1 | 985.2 | +0.9 | 21.0 | 17.7 | 15.3 | 17.4 | 71 | - 3 | 1.8 | +0.9 | 4.1 | 0 | 0 | 17 | 03 | 4 | 6 | 0 | 0 | 2 | 0 | 2 | 14 | 0 |
| | 1130 | 234 | 1011.9 | 985.6 | .. | 28.3 | 19.6 | 13.6 | 15.5 | 41 | .. | 1.8 | .. | 6.4 | 0 | 2 | 21 | 01 | 3 | 6 | 3 | 1 | 1 | 2 | 6 | 8 | 0 |
| | 1430 | 234 | 1009.5 | 983.5 | .. | 30.7 | 19.8 | 11.9 | 13.9 | 33 | .. | 2.0 | .. | 9.4 | 0 | 3 | 23 | 01 | 4 | 3 | 4 | 2 | 1 | 5 | 6 | 5 | 0 |
| | 1730 | 234 | 1008.9 | 982.8 | +1.0 | 28.5 | 20.3 | 14.9 | 16.9 | 44 | - 1 | 2.0 | +1.3 | 3.9 | 0 | 0 | 19 | 00 | 0 | 3 | 1 | 1 | 0 | 7 | 7 | 12 | 0 |
| | 2030 | 234 | 1010.7 | 984.0 | .. | 22.9 | 18.9 | 16.3 | 18.5 | 67 | .. | 1.8 | .. | 3.4 | 0 | 1 | 11 | 01 | 1 | 4 | 0 | 0 | 2 | 3 | 1 | 19 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1012.0 | 983.4 | .. | 20.8 | 18.2 | 16.4 | 18.6 | 77 | .. | 1.5 | .. | 5.7 | 0 | 0 | 15 | 01 | 4 | 4 | 4 | 0 | 1 | 0 | 1 | 16 | 0 |
| | 1730 | 249 | 1009.3 | 981.3 | .. | 26.5 | 20.7 | 16.3 | 18.5 | 54 | .. | 2.0 | .. | 6.2 | 0 | 0 | 20 | 04 | 1 | 0 | 4 | 1 | 0 | 1 | 9 | 11 | 0 |
| Ludhiana | 0830 | 247 | 1012.1 | 983.9 | +0.6 | 22.4 | 17.9 | 14.6 | 16.6 | 62 | - 2 | 1.4 | +0.6 | 1.9 | 0 | 0 | 20 | 01 | 3 | 5 | 4 | 1 | 0 | 2 | 4 | 11 | 0 |
| | 1730 | 247 | 1008.9 | 981.5 | +0.7 | 29.0 | 20.8 | 15.6 | 17.7 | 45 | + 6 | 1.5 | +0.8 | 1.2 | 0 | 0 | 17 | 01 | 3 | 1 | 3 | 2 | 0 | 0 | 7 | 14 | 0 |
| Ferozepur | 0830 | 200 | 1012.1 | 989.1 | +1.4 | 21.8 | 18.4 | 16.2 | 18.4 | 71 | + 1 | 0.9 | +0.1 | 1.4 | 0 | 0 | 14 | 04 | 0 | 1 | 1 | 3 | 0 | 1 | 4 | 17 | 0 |
| | 1730 | 200 | 1009.1 | 986.8 | +1.5 | 30.2 | 22.1 | 17.2 | 22.2 | 47 | + 1 | 0.5 | -0.2 | 1.2 | 0 | 0 | 13 | 03 | 5 | 1 | 0 | 1 | 1 | 3 | 2 | 16 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 1011.9 | 984.3 | .. | 21.8 | 18.4 | 16.1 | 18.3 | 70 | .. | 1.5 | .. | 4.3 | 0 | 0 | 13 | 00 | 3 | 3 | 6 | 0 | 0 | 0 | 1 | 18 | 0 |
| | 1730 | 242 | 1008.8 | 981.8 | .. | 27.8 | 19.6 | 13.9 | 15.9 | 43 | .. | 1.8 | .. | 7.5 | 0 | 0 | 26 | 04 | 1 | 2 | 6 | 2 | 0 | 0 | 11 | 5 | 0 |
| Chandigarh | 0830 | 347 | 1010.6 | 970.8 | -0.7 | 21.4 | 16.0 | 11.4 | 13.5 | 54 | - 8 | 1.3 | +0.3 | 2.1 | 0 | 0 | 25 | 00 | 0 | 0 | 6 | 0 | 0 | 0 | 19 | 5 | 0 |
| | 1730 | 347 | 1007.9 | 969.1 | -0.1 | 29.0 | 19.0 | 11.5 | 13.6 | 35 | -14 | 1.4 | +0.7 | 1.4 | 0 | 0 | 9 | 00 | 0 | 0 | 2 | 0 | 3 | 0 | 4 | 22 | 0 |
| Ambala | 0830 | 272 | 1011.0 | 980.6 | +0.5 | 22.3 | 17.0 | 14.1 | 16.1 | 60 | - 8 | 1.0 | +0.3 | 1.5 | 0 | 0 | 15 | 00 | 0 | 0 | 10 | 0 | 0 | 2 | 3 | 16 | 0 |
| | 1730 | 272 | 1006.8 | 976.9 | -0.3 | 29.4 | 20.1 | 14.6 | 16.6 | 43 | + 2 | 0.5 | -0.2 | 2.4 | 0 | 0 | 20 | 00 | 5 | 0 | 5 | 0 | 4 | 1 | 5 | 11 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 1009.8 | 977.4 | .. | 21.3 | 17.3 | 14.9 | 16.9 | 68 | .. | 0.8 | .. | 4.2 | 0 | 0 | 16 | 02 | 1 | 2 | 4 | 0 | 0 | 1 | 6 | 15 | 0 |
| | 0530 | 278 | 1010.3 | 978.3 | .. | 19.7 | 16.7 | 14.4 | 16.4 | 72 | .. | 1.2 | .. | 3.9 | 0 | 0 | 18 | 01 | 1 | 4 | 6 | 0 | 0 | 3 | 3 | 13 | 0 |
| | 1130 | 278 | 1011.3 | 979.6 | .. | 28.0 | 19.9 | 15.2 | 17.3 | 46 | .. | 1.5 | .. | 7.1 | 0 | 0 | 23 | 03 | 0 | 5 | 7 | 0 | 1 | 0 | 7 | 6 | 0 |
| | 1430 | 278 | 1008.8 | 977.9 | .. | 30.2 | 20.0 | 14.2 | 16.2 | 39 | .. | 1.7 | .. | 6.5 | 0 | 0 | 23 | 02 | 2 | 3 | 6 | 0 | 0 | 3 | 7 | 6 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **PUNJAB (INCLUDING DELHI) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala(P.B.O.) (Contd.) | 2030 | 276 | 1009.9 | 978.5 | .. | 25.2 | 18.9 | 15.4 | 17.5 | 55 | .. | 0.7 | .. | 4.4 | 0 | 0 | 20 | 00 | 1 | 5 | 2 | 0 | 0 | 2 | 10 | 11 | 0 |
| | 2330 | 276 | 1010.0 | 978.7 | .. | 23.0 | 17.9 | 14.9 | 16.9 | 61 | .. | 0.8 | .. | 5.6 | 0 | 0 | 21 | 02 | 0 | 5 | 1 | 0 | 1 | 0 | 12 | 11 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1010.4 | 978.5 | .. | 16.2 | 15.2 | 14.8 | 16.4 | 90 | .. | 1.1 | .. | 3.5 | 0 | 1 | 8 | 01 | 2 | 2 | 2 | 0 | 0 | 0 | 2 | 22 | 0 |
| | 0830 | 274 | 1011.5 | 980.3 | .. | 22.1 | 18.2 | 15.6 | 17.7 | 70 | .. | 1.6 | .. | 7.3 | 0 | 2 | 18 | 01 | 1 | 4 | 6 | 1 | 0 | 1 | 4 | 11 | 2 |
| | 1130 | 274 | 1011.0 | 980.5 | .. | 28.9 | 20.7 | 15.4 | 17.5 | 48 | .. | 1.6 | .. | 14.1 | 0 | 9 | 18 | 01 | 0 | 3 | 7 | 3 | 2 | 2 | 8 | 4 | 1 |
| | 1730 | 274 | 1008.3 | 977.6 | .. | 27.4 | 20.7 | 16.3 | 18.5 | 52 | .. | 1.9 | .. | 7.1 | 0 | 2 | 18 | 01 | 1 | 1 | 2 | 2 | 0 | 4 | 9 | 11 | 0 |
| | 2330 | 274 | 1010.3 | 979.0 | .. | 21.4 | 17.3 | 14.3 | 16.3 | 65 | .. | 0.8 | .. | 3.0 | 0 | 0 | 10 | 02 | 0 | 2 | 2 | 0 | 0 | 1 | 3 | 21 | 0 |
| Patiala | 0830 | 251 | 1012.1 | 983.5 | +1.1 | 22.2 | 18.0 | 14.7 | 16.7 | 61 | - 5 | 1.5 | +0.3 | 6.6 | 0 | 1 | 18 | 01 | 0 | 1 | 11 | 0 | 0 | 0 | 6 | 12 | 0 |
| | 1730 | 251 | 1008.7 | 980.8 | +1.0 | 28.1 | 20.1 | 14.9 | 16.9 | 45 | - 2 | 1.4 | +0.1 | 3.6 | 0 | 0 | 18 | 00 | 1 | 0 | 1 | 0 | 0 | 0 | 16 | 13 | 0 |
| Bhatinda | 0830 | 211 | 1011.6 | 987.7 | .. | 26.0 | 19.8 | 15.6 | 17.7 | 53 | - 6 | 0.4 | +0.1 | 3.3 | 0 | 1 | 14 | 00 | 5 | 0 | 6 | 0 | 1 | 0 | 3 | 16 | 0 |
| | 1730 | 211 | 1007.8 | 984.3 | .. | 30.1 | 21.2 | 15.7 | 17.8 | 43 | - 4 | 0.1 | -0.3 | 2.7 | 0 | 0 | 25 | 00 | 7 | 1 | 6 | 0 | 0 | 0 | 11 | 6 | 0 |
| Karnal | 0830 | 249 | 1010.7 | 982.7 | +0.4 | 23.5 | 19.0 | 15.9 | 18.1 | 63 | -10 | 0.9 | -0.2 | 4.1 | 0 | 0 | 28 | 00 | 0 | 1 | 10 | 0 | 0 | 0 | 17 | 3 | 0 |
| | 1730 | 249 | 1008.0 | 980.4 | +0.6 | 28.3 | 20.9 | 16.0 | 18.1 | 47 | + 1 | 1.1 | +0.0 | 2.2 | 0 | 0 | 21 | 00 | 0 | 1 | 3 | 0 | 0 | 0 | 17 | 10 | 0 |
| Hissar | 0530 | 221 | 1010.9 | 984.5 | .. | 19.2 | 17.2 | 15.8 | 17.9 | 81 | .. | 0.6 | .. | 4.2 | 0 | 0 | 24 | 02 | 5 | 5 | 7 | 2 | 1 | 0 | 2 | 7 | 0 |
| | 0830 | 221 | 1011.8 | 985.8 | -0.5 | 22.0 | 18.8 | 16.9 | 19.2 | 75 | +14 | 0.6 | +0.1 | 3.2 | 0 | 0 | 19 | 01 | 2 | 3 | 3 | 4 | 3 | 1 | 2 | 12 | 0 |
| | 1130 | 221 | 1011.2 | 986.6 | .. | 30.8 | 23.2 | 18.8 | 21.7 | 50 | .. | 0.7 | .. | 6.0 | 0 | 0 | 26 | 02 | 0 | 3 | 9 | 1 | 2 | 4 | 5 | 5 | 0 |
| | 1430 | 221 | 1008.4 | 984.2 | .. | 33.6 | 24.2 | 18.9 | 21.8 | 46 | .. | 1.1 | .. | 6.4 | 0 | 0 | 27 | 03 | 1 | 1 | 7 | 3 | 1 | 7 | 4 | 4 | 0 |
| | 1730 | 221 | 1008.1 | 983.7 | +0.1 | 32.4 | 23.8 | 19.3 | 22.4 | 46 | + 7 | 0.9 | +0.3 | 3.5 | 0 | 0 | 23 | 04 | 3 | 2 | 3 | 1 | 0 | 7 | 3 | 8 | 0 |
| | 2330 | 221 | 1010.3 | 985.1 | .. | 22.4 | 19.0 | 16.7 | 19.0 | 71 | .. | 0.4 | .. | 4.5 | 0 | 0 | 21 | 02 | 3 | 4 | 5 | 1 | 2 | 0 | 4 | 10 | 0 |
| New Delhi (Safdarjung) | 0230 | 216 | 1009.8 | 984.9 | .. | 21.4 | 17.6 | 14.9 | 16.9 | 67 | .. | 0.6 | .. | 4.3 | 0 | 0 | 19 | 01 | 1 | 4 | 5 | 1 | 0 | 2 | 5 | 12 | 0 |
| | 0530 | 216 | 1010.1 | 985.2 | .. | 20.2 | 17.0 | 14.6 | 16.6 | 71 | .. | 0.7 | .. | 4.5 | 0 | 1 | 21 | 01 | 1 | 3 | 5 | 1 | 3 | 5 | 3 | 9 | 0 |
| | 0830 | 216 | 1011.8 | 987.1 | +0.5 | 23.1 | 18.2 | 14.9 | 16.9 | 60 | + 6 | 1.3 | +0.4 | 5.7 | 0 | 1 | 28 | 00 | 1 | 5 | 5 | 3 | 1 | 12 | 2 | 2 | 0 |
| | 1130 | 216 | 1011.3 | 987.2 | .. | 30.1 | 20.4 | 14.0 | 16.0 | 38 | .. | 1.0 | .. | 10.6 | 0 | 2 | 29 | 03 | 3 | 2 | 6 | 3 | 2 | 4 | 6 | 0 | 0 |
| | 1430 | 216 | 1008.5 | 984.6 | .. | 32.6 | 20.6 | 12.2 | 14.2 | 30 | .. | 1.1 | .. | 10.3 | 0 | 4 | 25 | 03 | 5 | 4 | 3 | 1 | 0 | 2 | 11 | 2 | 0 |
| | 1730 | 216 | 1008.0 | 984.0 | +0.4 | 31.2 | 20.6 | 13.4 | 15.4 | 35 | + 0 | 0.8 | -0.2 | 5.9 | 0 | 1 | 25 | 05 | 3 | 4 | 5 | 0 | 0 | 0 | 9 | 5 | 0 |
| | 2030 | 216 | 1009.9 | 985.4 | .. | 25.5 | 19.3 | 15.1 | 17.1 | 53 | .. | 0.6 | .. | 4.3 | 0 | 1 | 18 | 03 | 2 | 6 | 2 | 0 | 1 | 0 | 5 | 12 | 0 |
| | 2330 | 216 | 1010.4 | 985.7 | .. | 23.0 | 18.2 | 14.6 | 16.6 | 61 | .. | 0.6 | .. | 3.5 | 0 | 0 | 14 | 01 | 1 | 5 | 3 | 1 | 0 | 1 | 2 | 17 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1010.0 | 983.3 | .. | 20.9 | 17.3 | 14.6 | 16.6 | 67 | .. | 0.7 | .. | 0.8 | 0 | 0 | 23 | 00 | 1 | 5 | 11 | 3 | 1 | 2 | 0 | 6 | 0 |
| | 0530 | 232 | 1010.4 | 983.7 | .. | 19.1 | 16.3 | 14.3 | 16.3 | 72 | .. | 1.0 | .. | 5.9 | 0 | 1 | 21 | 00 | 0 | 4 | 7 | 3 | 4 | 5 | 1 | 9 | 0 |
| | 0830 | 233 | 1012.0 | 985.4 | .. | 23.1 | 18.6 | 15.6 | 17.7 | 63 | .. | 1.5 | .. | 9.3 | 0 | 2 | 24 | 00 | 0 | 4 | 5 | 4 | 3 | 5 | 1 | 5 | 0 |
| | 1130 | 233 | 1011.6 | 985.7 | .. | 30.3 | 21.1 | 14.9 | 16.9 | 41 | .. | 1.0 | .. | 10.7 | 0 | 0 | 30 | 04 | 3 | 5 | 3 | 4 | 3 | 2 | 6 | 1 | 0 |
| | 1430 | 233 | 1008.8 | 983.0 | .. | 32.8 | 22.2 | 14.4 | 16.4 | 34 | .. | 1.2 | .. | 12.4 | 0 | 0 | 30 | 04 | 2 | 7 | 4 | 0 | 1 | 3 | 9 | 1 | 0 |
| | 1730 | 233 | 1008.2 | 982.4 | .. | 31.0 | 21.0 | 14.6 | 16.6 | 38 | .. | 1.1 | .. | 8.6 | 0 | 0 | 29 | 09 | 1 | 7 | 7 | 0 | 0 | 0 | 5 | 2 | 0 |
| | 2030 | 233 | 1010.0 | 983.7 | .. | 25.5 | 19.1 | 14.9 | 16.9 | 52 | .. | 0.9 | .. | 7.6 | 0 | 0 | 26 | 00 | 3 | 5 | 8 | 0 | 1 | 0 | 5 | 5 | 0 |
| | 2330 | 233 | 1010.6 | 984.1 | .. | 23.1 | 17.3 | 14.7 | 16.7 | 59 | .. | 0.8 | .. | 6.5 | 0 | 0 | 24 | 02 | 3 | 7 | 8 | 1 | 1 | 2 | 0 | 7 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1015.6 | 929.1 | +1.6 | 14.4 | 12.8 | 11.6 | 13.7 | 85 | - 4 | 1.6 | -0.3 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1730 | 761 | 1008.9 | 925.7 | +1.2 | 23.1 | 17.4 | 13.5 | 15.5 | 56 | - 8 | 2.1 | -0.1 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Bilaspur | 0830 | 587 | 1014.0 | 946.9 | .. | 16.9 | 14.7 | 13.2 | 15.2 | 79 | - 6 | 1.2 | -1.9 | 0.6 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 27 | 0 |
| | 1730 | 587 | 1006.8 | 944.8 | .. | 27.9 | 19.4 | 14.2 | 16.2 | 44 | - 7 | 0.6 | -1.5 | 0.4 | 0 | 0 | 5 | 00 | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 26 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | 0830 | 1587 | 1545.3 | 845.9 | +1.2 | 8.9 | 8.2 | 7.5 | 10.4 | 90 | + 8 | 4.2 | +2.2 | 1.5 | 0 | 0 | 16 | 01 | 1 | 0 | 7 | 0 | 0 | 2 | 5 | 15 | 0 |
| | 1130 | 1587 | 1543.2 | 845.8 | .. | 14.3 | 10.9 | 8.1 | 10.8 | 67 | .. | 3.7 | .. | 2.6 | 0 | 0 | 27 | 03 | 2 | 1 | 3 | 3 | 3 | 5 | 7 | 4 | 0 |
| | 1430 | 1587 | 1521.9 | 843.8 | .. | 16.4 | 11.6 | 7.8 | 10.6 | 58 | .. | 4.1 | .. | 3.2 | 0 | 0 | 27 | 03 | 1 | 0 | 0 | 1 | 2 | 7 | 13 | 4 | 0 |
| | 1730 | 1587 | 1519.7 | 843.4 | +1.9 | 14.5 | 10.8 | 7.9 | 10.6 | 65 | +14 | 4.5 | +1.9 | 2.9 | 0 | 0 | 21 | 02 | 3 | 0 | 2 | 0 | 1 | 1 | 12 | 10 | 0 |
| | 2030 | 1587 | 1529.4 | 844.3 | .. | 11.2 | 9.7 | 8.4 | 11.0 | 84 | .. | 3.9 | .. | 2.1 | 0 | 0 | 16 | 03 | 1 | 0 | 3 | 0 | 0 | 5 | 4 | 15 | 0 |
| Srinagar (Aerodrome) | 0530 | 1666 | 1531.2 | 836.7 | .. | 7.3 | 6.4 | 5.4 | 9.0 | 86 | .. | 0.4 | .. | 2.5 | 0 | 0 | 11 | 03 | 0 | 0 | 0 | 2 | 2 | 1 | 3 | 20 | 0 |
| | 0830 | 1666 | 1542.8 | 837.9 | .. | 9.6 | 7.9 | 6.4 | 9.6 | 80 | .. | 4.2 | .. | 1.3 | 0 | 0 | 6 | 01 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 25 | 0 |
| | 1130 | 1666 | 1542.2 | 838.0 | .. | 13.6 | 10.4 | 7.8 | 10.6 | 69 | .. | 4.0 | .. | 3.0 | 0 | 0 | 15 | 06 | 2 | 1 | 0 | 0 | 0 | 3 | 3 | 16 | 0 |
| | 1730 | 1666 | 1517.5 | 835.7 | .. | 14.4 | 10.8 | 7.9 | 10.7 | 67 | .. | 4.7 | .. | 6.6 | 0 | 2 | 17 | 07 | 1 | 0 | 0 | 2 | 3 | 2 | 4 | 12 | 0 |
| | 2330 | 1666 | 1535.8 | 837.2 | .. | 8.8 | 7.8 | 6.5 | 9.7 | 83 | .. | 3.5 | .. | 5.1 | 0 | 0 | 16 | 00 | 1 | 0 | 1 | 3 | 6 | 2 | 3 | 15 | 0 |

**TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)**

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| JAMMU AND KASHMIR (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gulmarg | 0830 | 2655 | Functioning only from June to September | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 2655 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Qazigund | 0830 | 1690 | .. | .. | .. | 10.1 | 8.2 | 6.6 | 9.8 | 81 | .. | 4.1 | .. | 1.1 | 0 | 0 | 13 | 00 | 0 | [illegible] | [illegible] | 0 | 0 | [illegible] | 2 | 15 | 0 |
| | 1730 | 1690 | .. | .. | .. | 14.4 | 10.6 | 7.9 | 10.7 | 66 | .. | 4.8 | .. | 3.4 | 0 | 0 | 19 | 01 | 2 | 3 | 0 | 3 | 3 | 6 | 1 | 12 | 0 |
| Banihal | 0830 | 1630 | .. | .. | .. | 11.2 | 9.2 | 7.4 | 10.3 | 79 | .. | 2.5 | .. | 5.0 | 0 | 1 | 17 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 17 | 13 | 0 |
| | 1730 | 1630 | .. | .. | .. | 15.5 | 11.6 | 8.4 | 11.0 | 64 | .. | 4.2 | .. | 7.5 | 0 | 0 | 26 | 00 | 0 | 0 | 2 | 4 | 0 | 0 | 22 | 5 | 0 |
| Jammu | 0830 | 366 | 1011.9 | 969.9 | .. | 20.0 | 15.9 | 12.2 | 14.2 | 59 | + 2 | 1.8 | +0.7 | 8.1 | 0 | 0 | 31 | 00 | 30 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 366 | 1008.7 | 967.9 | .. | 26.5 | 20.6 | 15.5 | 17.6 | 46 | .. | 1.6 | .. | 1.5 | 0 | 0 | 7 | 00 | 2 | 0 | 1 | 1 | 3 | 0 | 0 | 24 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 1011.0 | 977.1 | .. | 18.9 | 15.1 | 11.8 | 13.8 | 65 | .. | 1.8 | .. | 6.9 | 0 | 1 | 18 | 00 | 19 | 0 | 0 | 0 | 0 | 0 | [illegible] | 12 | 0 |
| | 0830 | 292 | 1012.0 | 978.4 | .. | 21.5 | 16.4 | 12.3 | 14.3 | 57 | .. | 2.2 | .. | 5.8 | 0 | 0 | 24 | 03 | 16 | 1 | 0 | 1 | 1 | 0 | 0 | 7 | 0 |
| | 1130 | 292 | 1011.7 | 978.8 | .. | 28.5 | 18.7 | 11.2 | 13.3 | 35 | .. | 2.3 | .. | 4.2 | 0 | 0 | 18 | 02 | 3 | 3 | 3 | 3 | 0 | 2 | 1 | 15 | 1 |
| | 1730 | 292 | 1008.9 | 976.2 | .. | 28.2 | 19.4 | 13.1 | 15.1 | 41 | .. | 2.8 | .. | 3.4 | 0 | 1 | 12 | 00 | 0 | 1 | 1 | 2 | 0 | 5 | 4 | 1 | 0 |
| RAJASTHAN, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1010.9 | 989.4 | .. | 19.3 | 16.3 | 14.2 | 16.2 | 73 | .. | 0.4 | .. | 1.5 | 0 | 0 | 6 | 01 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 23 | 0 |
| | 0830 | 177 | 1011.5 | 991.1 | +0.4 | 21.1 | 17.3 | 14.5 | 16.5 | 67 | +10 | 0.0 | -0.4 | 1.9 | 0 | 0 | 14 | 00 | 2 | 6 | 6 | 0 | 0 | 0 | 0 | 17 | 1 |
| | 1130 | 177 | 1011.0 | 991.3 | .. | 30.0 | 20.5 | 13.9 | 15.9 | 36 | .. | 0.6 | .. | 1.8 | 0 | 0 | 13 | 01 | 2 | 2 | 2 | 0 | 5 | 1 | 0 | 18 | 0 |
| | 1730 | 177 | 1008.2 | 988.3 | +1.3 | 31.7 | 21.4 | 14.9 | 16.9 | 37 | + 7 | 0.7 | +0.3 | 0.3 | 0 | 0 | 4 | 01 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| | 2330 | 177 | 1010.5 | 990.2 | .. | 2[illegible].4 | 18.0 | 15.0 | 17.0 | 63 | .. | 0.6 | .. | 1.0 | 0 | 0 | 9 | 02 | 3 | 0 | 2 | 0 | 0 | 1 | 1 | 22 | 0 |
| Anupgarh | 0830 | 154 | 1010.8 | 993.2 | .. | 23.5 | 18.5 | 15.5 | 17.6 | 61 | .. | 0.2 | .. | 10.1[f] | 0 | 0 | 25 | 04 | 7 | 3 | 1 | 3 | 7 | 0 | 0 | 0 | 0 |
| | 1730 | 154 | 1008.7 | 991.8 | .. | 33.6 | 22.5 | 16.6 | 16.9 | 36 | .. | 0.2 | .. | 7.7[f] | 0 | 1 | 18 | 07 | 5 | 0 | 0 | 1 | 2 | 1 | 3 | 5 | 0 |
| Mahajan | 0830 | 187 | 1011.6 | 989.2 | .. | 23.7 | 18.7 | 15.4 | 17.4 | 59 | .. | . | .. | 3.5[c] | 0 | 0 | 26 | 05 | 1 | 7 | 3 | 3 | 4 | 0 | 3 | 2 | 0 |
| | 1730 | 187 | 1005.7 | 984.9 | .. | 33.4 | 22.3 | 15.2 | 17.2 | 35 | .. | . | .. | 3.3[c] | 0 | 0 | 26 | 03 | 0 | 0 | 1 | 1 | 8 | 4 | 11 | 2 | 0 |
| Churu | 0830 | 291 | .. | .. | .. | 22.5 | 15.7 | 10.0 | 12.3 | 46 | -19 | 0.3 | -0.9 | 5.5 | 0 | 0 | 26 | 01 | 1 | 6 | 2 | 8 | 4 | 4 | 0 | 5 | 0 |
| | 1730 | 291 | .. | .. | .. | 33.0 | 18.2 | 4.7 | 8.5 | 18 | -21 | 0.7 | -0.9 | 7.3 | 0 | 0 | 31 | 12 | 0 | 0 | 0 | 3 | 3 | 5 | 7 | 0 | 0 |
| Bikaner | 0830 | 224 | 1011.1 | 985.6 | +0.0 | 23.6 | 16.0 | 9.4 | 11.8 | 42 | - 8 | 0.3 | +0.0 | 2.9 | 0 | 0 | 21 | 00 | 3 | 3 | 2 | 7 | 5 | 1 | 0 | 10 | 0 |
| | 1730 | 224 | 1007.9 | 983.3 | +0.6 | 34.3 | 19.1 | 6.1 | 9.4 | 18 | - 9 | 0.8 | +0.3 | 3.0 | 0 | 0 | 18 | 05 | 1 | 0 | 1 | 2 | 5 | 2 | 2 | 13 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1009.6 | 984.1 | .. | 20.6 | 15.3 | 10.7 | 12.9 | 55 | .. | 0.1 | .. | 3.0 | 0 | 0 | 17 | 07 | 0 | 0 | 1 | 2 | 7 | 0 | 0 | 14 | 0 |
| | 1130 | 224 | 1010.9 | 986.1 | .. | 32.9 | 19.5 | 9.3 | 11.7 | 25 | .. | 0.3 | .. | 5.3 | 0 | 0 | 28 | 03 | 3 | 1 | 2 | 7 | 5 | 5 | 2 | 5 | 0 |
| | 1430 | 224 | 1008.0 | 983.5 | .. | 35.6 | 19.8 | 7.2 | 10.1 | 18 | .. | 0.4 | .. | 5.9 | 0 | 0 | 31 | 04 | 1 | 0 | 1 | 4 | 5 | 9 | 7 | 0 | 0 |
| | 2030 | 224 | 1009.7 | 984.5 | .. | 27.0 | 18.3 | 11.8 | 13.8 | 41 | .. | 0.9 | .. | 2.6 | 0 | 0 | 15 | 04 | 1 | 0 | 0 | 5 | 2 | 1 | 2 | 16 | 0 |
| | 2330 | 224 | 1009.7 | 984.7 | .. | 23.9 | 16.9 | 11.2 | 13.3 | 47 | .. | 0.4 | .. | 2.5 | 0 | 0 | 13 | 06 | 0 | 0 | 0 | 3 | 2 | 0 | 2 | 18 | 0 |
| Nagaur | 0830 | 298 | 1011.5 | 978.2 | +0.5 | 26.9 | 19.4 | 14.0 | 16.0 | 45 | - 4 | 0.4 | -0.4 | 6.3 | 0 | 0 | 31 | 05 | 2 | 1 | 2 | 8 | 10 | 2 | 1 | 0 | 0 |
| | 1730 | 298 | 1007.2 | 974.6 | +0.2 | 34.0 | 23.0 | 16.3 | 18.5 | 37 | + 3 | 0.7 | -0.5 | 7.7 | 0 | 0 | 31 | 06 | 0 | 0 | 0 | 3 | 7 | 7 | 8 | 0 | 0 |
| Phalodi | 0830 | 234 | 1011.7 | 985.2 | +0.4 | 25.0 | 19.2 | 15.4 | 17.5 | 56 | - 1 | 0.3 | -0.3 | 10.2 | 0 | 3 | 28 | 03 | 1 | 1 | 7 | 5 | 6 | 5 | 0 | 0 | 0 |
| | 1730 | 234 | 1008.7 | 983.1 | +0.7 | 35.0 | 25.1 | 20.1 | 23.4 | 43 | + 9 | 0.7 | -0.4 | 10.8 | 0 | 1 | 29 | 06 | 4 | 0 | 0 | 3 | 7 | 9 | 1 | 1 | 0 |
| Jaisalmer | 0830 | 242 | 1010.9 | 983.6 | +0.6 | 25.7 | 20.3 | 16.6 | 18.9 | 59 | + 1 | 0.4 | +0.0 | 7.0 | 0 | 0 | 25 | 04 | 4 | 1 | 0 | 11 | 5 | 0 | 0 | 6 | 0 |
| | 1730 | 242 | 1006.8 | 980.4 | +0.2 | 35.6 | 23.0 | 15.5 | 17.6 | 31 | - 7 | 0.9 | +0.2 | 7.0 | 0 | 0 | 30 | 07 | 1 | 0 | 1 | 10 | 5 | 6 | 0 | 5 | 0 |
| Jodhpur | 0230 | 224 | 1009.7 | 984.2 | .. | 24.6 | 16.2 | 9.7 | 12.0 | 42 | .. | 0.3 | .. | 8.5 | 0 | 0 | 29 | 07 | 7 | 0 | 0 | 0 | 6 | 7 | 1 | 2 | 1 |
| | 0530 | 224 | 1010.2 | 984.2 | .. | 2[illegible].0 | [illegible].4 | 10.2 | 12.4 | 48 | .. | 0.2 | .. | 7.8 | 0 | 0 | 27 | 06 | 9 | 1 | 2 | 1 | 2 | 6 | 0 | 4 | 0 |
| | 0830 | 224 | 1012.0 | 986.5 | +0.3 | 23.7 | 16.3 | 10.2 | 12.4 | 43 | - 6 | 0.6 | -0.3 | 6.3 | 0 | 0 | 26 | 02 | 9 | 4 | 1 | 1 | 6 | 2 | 0 | 6 | 0 |
| | 1130 | 224 | 1011.4 | 986.3 | .. | 32.0 | 19.9 | 10.3 | 12.5 | 25 | .. | 0.5 | .. | 11.5 | 0 | 1 | 30 | 01 | 4 | 3 | 2 | 4 | 3 | 6 | 2 | 0 | 1 |
| | 1430 | 224 | 1008.1 | 984.0 | .. | 34.9 | 20.5 | 8.2 | 10.9 | 18 | .. | 1.0 | .. | 13.5 | 0 | 4 | 27 | 02 | 2 | 0 | 1 | 1 | 11 | 7 | 2 | 0 | 5 |
| | 1730 | 224 | 1007.8 | 983.3 | +0.2 | 36.0 | 21.0 | 10.2 | 12.4 | 22 | - 2 | 1.1 | -0.3 | 10.4 | 0 | 1 | 30 | 04 | 3 | 0 | 0 | 3 | 11 | 4 | 6 | 0 | 0 |
| | 2030 | 224 | 1009.7 | 984.6 | .. | 28.9 | 19.0 | 11.6 | 13.6 | 35 | .. | 0.9 | .. | 7.2 | 0 | 1 | 25 | 05 | 4 | 1 | 1 | 3 | 9 | 2 | 1 | 5 | 0 |
| | 2330 | 224 | 1010.5 | 985.1 | .. | 26.8 | 17.2 | 9.9 | 12.2 | 37 | .. | 0.6 | .. | 9.2 | 0 | 0 | 29 | 05 | 6 | 1 | 1 | 1 | 6 | 6 | 1 | 2 | 0 |
| Barmer | 0530 | 194 | 1008.6 | 986.6 | .. | 25.2 | 19.8 | 16.3 | 18.5 | 58 | .. | 0.2 | .. | 5.7 | 0 | 0 | 22 | 01 | 1 | 0 | 0 | 0 | 1 | 7 | 12 | 9 | 0 |
| | 0830 | 194 | 1011.1 | 989.0 | -0.1 | 25.8 | 20.3 | 16.8 | 19.1 | 58 | + 4 | 0.6 | -0.1 | 3.9 | 0 | 0 | 20 | 04 | 1 | 0 | 0 | 2 | 4 | 1 | 8 | 11 | 0 |
| | 1130 | 194 | 1010.5 | 989.2 | .. | 34.1 | 24.1 | 19.0 | 22.0 | 41 | .. | 0.5 | .. | 5.3 | 0 | 0 | 23 | 03 | 3 | 0 | 2 | 3 | 7 | 3 | 2 | 8 | 0 |
| | 1730 | 194 | 1006.7 | 985.5 | -0.4 | 36.6 | 25.0 | 19.1 | 22.1 | 37 | + 7 | 1.1 | -0.2 | 5.7 | 0 | 0 | 26 | 00 | 0 | 0 | 1 | 2 | 7 | 8 | 3 | 5 | 0 |
| Erinpura(Jawai Dam) | 2330 | 194 | 1009.4 | 987.9 | .. | 29.7 | 21.2 | 15.8 | 17.9 | 43 | .. | 0.3 | .. | 6.5 | 0 | 0 | 24 | 01 | 0 | 0 | 0 | 0 | 6 | 9 | 8 | 7 | 0 |
| | 0830 | 295 | 1011.9 | 978.7 | +0.8 | 25.2 | 18.4 | 13.7 | 15.7 | 50 | -16 | 0.3 | -1.3 | 4.1 | 0 | 0 | 23 | 00 | 0 | 0 | 8 | 15 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 295 | 1007.4 | 974.8 | +0.0 | 30.1 | 21.1 | 15.3 | 17.4 | 43 | - 2 | 0.7 | -1.6 | 3.1 | 0 | 0 | 11 | 01 | 1 | 0 | 1 | 0 | 6 | 1 | 1 | 20 | 0 |
| RAJASTHAN, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1012.1 | 977.9 | +0.8 | 23.0 | [illegible] | 11.2 | 13.2 | 49 | - 6 | 0.9 | +0.3 | 8.2 | 0 | 3 | 24 | 00 | 2 | 2 | 6 | 3 | 9 | 5 | 9 | 4 | 0 |
| | 1730 | 301 | 1007.8 | 974.9 | +0.0 | 33.4 | [illegible].2 | 7.4 | 10.2 | 21 | -20 | 0.7 | +0.0 | 8.5 | 0 | 0 | 31 | 06 | 3 | 1 | 1 | 0 | 4 | 8 | 8 | 0 | 0 |
| Sikar | 0830 | 433 | 1012.4 | 963.5 | +0.9 | 21.9 | [illegible].9 | 11.4 | 13.5 | 53 | -11 | 0.3 | -0.8 | 0.3 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 1730 | 433 | 1007.0 | 960.1 | +0.3 | 33.3 | [illegible].4 | 8.1 | 10.8 | 22 | -31 | 0.4 | -1.1 | 2.1 | 0 | 0 | 21 | 00 | 0 | 0 | 0 | 1 | 0 | 13 | 7 | 10 | 0 |
| Alwar | 0830 | 271 | 1011.1 | 980.4 | +0.5 | 24.1 | [illegible].9 | 15.4 | 17.5 | 59 | -14 | 0.9 | -1.1 | 0.3 | 0 | 0 | 4 | 01 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 27 | 0 |
| | 1730 | 271 | 1007.4 | 977.8 | +0.0 | 32.1 | 21.7 | 14.9 | 16.9 | 38 | -12 | 1.2 | -0.9 | 0.4 | 0 | 0 | 5 | 02 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1009.6 | 965.4 | .. | 21.6 | [illegible].4 | 10.1 | 12.3 | 49 | .. | 0.1 | .. | 2.1 | 0 | 0 | 18 | 07 | 1 | 4 | 2 | 0 | 1 | 0 | 3 | 13 | 0 |

**TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)**

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level or ht. in gpm. of mean rest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **RAJASTHAN, EAST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) (Contd.) | 0530 | 390 | 1010.2 | 965.7 | .. | 20.0 | 14.7 | 10.1 | 12.3 | 54 | .. | 0.5 | .. | 1.1 | 0 | 0 | 11 | 02 | 0 | 3 | 1 | 0 | 0 | 0 | 5 | 20 | 0 |
| | 0830 | 390 | 1011.3 | 967.6 | -0.3 | 25.7 | 17.4 | 10.9 | 13.3 | 40 | -11 | 0.6 | -0.3 | 2.1 | 0 | 0 | 14 | 02 | 1 | 3 | 1 | 0 | 0 | 0 | 7 | 17 | 0 |
| | 1130 | 390 | 1010.2 | 967.6 | .. | 32.6 | 19.5 | 9.2 | 11.6 | 24 | .. | 0.3 | .. | 7.7 | 0 | 2 | 26 | 01 | 1 | 0 | 4 | 1 | 5 | 5 | 11 | 3 | 0 |
| | 1430 | 390 | 1007.3 | 965.0 | .. | 34.7 | 19.5 | 7.0 | 10.0 | 19 | .. | 0.7 | .. | 8.5 | 0 | 1 | 26 | 04 | 1 | 0 | 0 | 0 | 1 | 6 | 13 | 4 | 0 |
| | 1730 | 390 | 1007.2 | 964.7 | -0.4 | 32.6 | 19.0 | 8.0 | 10.7 | 23 | - 9 | 0.1 | -1.1 | 4.7 | 0 | 0 | 25 | 03 | 1 | 0 | 0 | 0 | 0 | 5 | 16 | 6 | 0 |
| | 2030 | 390 | 1009.7 | 966.1 | .. | 25.7 | 17.1 | 10.2 | 12.4 | 38 | .. | 0.6 | .. | 2.3 | 0 | 0 | 14 | 06 | 1 | 1 | 0 | 0 | 0 | 1 | 3 | 17 | 0 |
| | 2330 | 390 | 1010.2 | 966.2 | .. | 23.4 | 16.1 | 10.1 | 12.4 | 43 | .. | 0.3 | .. | 2.2 | 0 | 0 | 16 | 05 | 4 | 4 | 0 | 0 | 0 | 1 | 2 | 15 | 0 |
| Dholpur | 0830 | 176 | 1011.0 | 990.9 | +0.2 | 24.8 | 18.1 | 12.7 | 14.7 | 47 | -26 | 0.6 | -1.4 | 1.2 | 0 | 0 | 13 | 02 | 0 | 0 | 1 | 0 | 0 | 6 | 2 | 18 | 0 |
| | 1730 | 176 | 1006.6 | 987.3 | -0.5 | 32.2 | 20.6 | 12.5 | 14.5 | 30 | -29 | 0.7 | -1.2 | 0.6 | 0 | 0 | 6 | 02 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 35 | 0 |
| Ajmer | 0830 | 486 | 1011.8 | 957.7 | +0.2 | 25.0 | 17.1 | 11.6 | 13.7 | 45 | - 7 | 0.3 | -0.6 | 4.7 | 0 | 3 | 11 | 00 | 1 | 1 | 2 | 1 | 3 | 4 | 2 | 17 | 0 |
| | 1730 | 486 | 1007.6 | 955.1 | +0.4 | 32.9 | 18.3 | 7.2 | 10.1 | 21 | - 8 | 1.1 | -0.2 | 7.4 | 0 | 0 | 29 | 04 | 3 | 0 | 0 | 0 | 6 | 9 | 7 | 2 | 0 |
| Tonk | 0830 | 272 | 1011.5 | 980.1 | +0.3 | 24.3 | 18.8 | 15.0 | 17.0 | 54 | -16 | 0.8 | -0.7 | 4.6 | 0 | 0 | 31 | 01 | 1 | 1 | 1 | 3 | 0 | 12 | 12 | 0 | 0 |
| | 1730 | 272 | 1006.3 | 976.6 | +0.0 | 33.3 | 23.1 | 16.8 | 19.1 | 39 | -11 | 1.1 | -0.4 | 3.8 | 0 | 0 | 27 | 01 | 0 | 1 | 2 | 1 | 4 | 14 | 4 | 4 | 0 |
| Bhilwara | 0830 | 425 | 1011.9 | 964.3 | .. | 24.8 | 17.6 | 12.1 | 14.1 | 46 | .. | 0.8 | .. | 2.1 | 0 | 0 | 16 | 01 | 0 | 0 | 0 | 2 | 9 | 2 | 2 | 15 | 0 |
| | 1730 | 425 | 1007.5 | 961.6 | .. | 32.7 | 19.8 | 10.1 | 12.3 | 26 | .. | 1.5 | .. | 3.5 | 0 | 0 | 22 | 03 | 3 | 0 | 1 | 0 | 6 | 3 | 6 | 9 | 0 |
| Kota | 0830 | 257 | 1011.4 | 982.5 | -0.1 | 27.0 | 19.3 | 14.0 | 16.0 | 46 | - 7 | 0.6 | -0.7 | 1.3 | 0 | 0 | 7 | 00 | 0 | 0 | 2 | 0 | 1 | 3 | 1 | 24 | 0 |
| | 1730 | 257 | 1006.8 | 979.5 | +0.0 | 34.2 | 21.6 | 13.3 | 15.3 | 29 | - 5 | 1.4 | -0.4 | 3.1 | 0 | 0 | 12 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 19 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1009.9 | 978.9 | .. | 23.2 | 15.9 | 9.7 | 12.0 | 43 | .. | 0.4 | .. | 3.9 | 0 | 0 | 15 | 00 | 1 | 0 | 0 | 0 | 1 | 5 | 4 | 16 | 0 |
| | 0830 | 274 | 1011.6 | 980.9 | .. | 27.7 | 17.9 | 10.2 | 12.4 | 34 | .. | 0.9 | .. | 5.5 | 0 | 0 | 23 | 01 | 2 | 4 | 3 | 0 | 0 | 9 | 4 | 6 | 0 |
| | 1130 | 274 | 1010.9 | 980.3 | .. | 33.9 | 19.7 | 8.7 | 11.2 | 22 | .. | 0.6 | .. | 11.0 | 0 | 3 | 26 | 02 | 3 | 8 | 0 | 0 | 2 | 3 | 11 | 2 | 0 |
| | 1730 | 274 | 1007.5 | 977.6 | .. | 34.6 | 19.3 | 6.9 | 9.9 | 18 | .. | 1.2 | .. | 7.4 | 0 | 0 | 27 | 04 | 7 | 4 | 0 | 0 | 3 | 1 | 8 | 4 | 0 |
| | 2330 | 274 | 1010.4 | 979.6 | .. | 26.3 | 16.8 | 8.8 | 11.3 | 34 | .. | 0.8 | .. | 3.5 | 0 | 0 | 18 | 00 | 0 | 0 | 2 | 1 | 4 | 9 | 2 | 13 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1012.4 | 972.6 | +0.4 | 23.9 | 18.0 | 13.7 | 15.7 | 50 | -23 | 0.8 | -1.1 | 0.1 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 351 | 1007.4 | 969.3 | +0.5 | 34.1 | 20.4 | 10.4 | 12.6 | 21 | -26 | 1.0 | -1.4 | 2.9 | 0 | 0 | 30 | 03 | 4 | 0 | 1 | 2 | 9 | 0 | 11 | 1 | 0 |
| Udaipur | 0230 | 582 | 1011.4 | 945.9 | .. | 19.6 | 15.2 | 12.1 | 14.1 | 62 | .. | 0.1 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 30 | 0 |
| | 0530 | 582 | 1011.8 | 946.0 | .. | 18.2 | 14.6 | 11.9 | 13.9 | 67 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 582 | 1012.5 | 947.7 | +0.8 | 23.5 | 17.2 | 12.9 | 14.9 | 52 | -10 | 0.5 | -0.9 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 1130 | 582 | 1010.4 | 947.6 | .. | 32.1 | 19.3 | 9.9 | 12.2 | 24 | .. | 0.7 | .. | 2.1 | 0 | 0 | 14 | 00 | 2 | 1 | 3 | 2 | 1 | 2 | 4 | 17 | 0 |
| | 1730 | 582 | 1007.8 | 945.0 | +0.7 | 31.9 | 19.3 | 9.8 | 12.1 | 26 | -16 | 1.6 | -1.0 | 2.8 | 0 | 0 | 20 | 01 | 2 | 0 | 2 | 3 | 3 | 1 | 8 | 11 | 0 |
| | 2330 | 582 | 1011.9 | 946.8 | .. | 21.6 | 16.1 | 11.8 | 13.8 | 53 | .. | 0.2 | .. | 0.4 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 29 | 0 |
| Jhalawar | 0830 | 321 | 1012.1 | 976.7 | +1.3 | 25.9 | 18.0 | 12.0 | 14.0 | 42 | -21 | 0.7 | -0.5 | 0.9 | 0 | 0 | 7 | 00 | 0 | 1 | 1 | 2 | 0 | 2 | 1 | 24 | 0 |
| | 1730 | 321 | 1006.8 | 972.0 | -0.2 | 34.5 | 20.4 | 10.0 | 12.3 | 20 | -14 | 1.0 | -0.7 | 1.8 | 0 | 0 | 11 | 02 | 2 | 0 | 0 | 0 | 1 | 3 | 3 | 20 | 0 |
| Banswara | 0830 | 220 | 1011.9 | 986.7 | .. | 24.6 | 18.2 | 13.6 | 15.6 | 51 | .. | 0.7 | .. | 9.2 | 0 | 0 | 31 | 00 | 0 | 9 | 20 | 1 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 220 | 1007.9 | 983.8 | .. | 35.9 | 22.3 | 13.8 | 15.6 | 27 | .. | 0.9 | .. | 7.8 | 0 | 0 | 31 | 04 | 2 | 0 | 1 | 2 | 6 | 6 | 10 | 0 | 0 |
| **MADHYA PRADESH, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1009.6 | 985.8 | .. | 20.7 | 16.1 | 12.6 | 14.6 | 60 | .. | 0.4 | .. | 1.2 | 0 | 0 | 10 | 01 | 0 | 0 | 1 | 1 | 5 | 1 | 1 | 21 | 0 |
| | 0530 | 207 | 1010.1 | 986.3 | .. | 19.5 | 15.4 | 12.2 | 14.2 | 63 | .. | 0.5 | .. | 1.9 | 0 | 0 | 15 | 00 | 1 | 1 | 5 | 1 | 5 | 1 | 1 | 16 | 0 |
| | 0830 | 207 | 1011.6 | 988.2 | +0.1 | 26.7 | 18.8 | 13.3 | 15.3 | 44 | -14 | 0.8 | -0.6 | 3.9 | 0 | 1 | 18 | 03 | 2 | 0 | 3 | 4 | 3 | 2 | 2 | 12 | 0 |
| | 1130 | 207 | 1010.8 | 987.9 | .. | 33.0 | 20.9 | 12.9 | 14.9 | 31 | .. | 0.7 | .. | 6.0 | 0 | 0 | 30 | 04 | 5 | 1 | 1 | 2 | 2 | 5 | 9 | 1 | 0 |
| | 1430 | 207 | 1008.0 | 985.3 | .. | 34.9 | 20.9 | 10.9 | 13.3 | 24 | .. | 1.0 | .. | 7.3 | 0 | 0 | 28 | 04 | 5 | 3 | 0 | 0 | 1 | 1 | 14 | 3 | 0 |
| | 1730 | 207 | 1007.7 | 985.0 | +0.0 | 32.4 | 20.9 | 13.1 | 15.3 | 31 | -13 | 1.3 | -0.3 | 4.1 | 0 | 0 | 27 | 10 | 4 | 1 | 1 | 0 | 1 | 2 | 8 | 4 | 0 |
| | 2030 | 207 | 1009.8 | 986.4 | .. | 25.2 | 18.2 | 13.2 | 15.2 | 47 | .. | 1.0 | .. | 2.1 | 0 | 0 | 12 | 00 | 1 | 1 | 1 | 4 | 4 | 0 | 1 | 19 | 0 |
| | 2330 | 207 | 1010.4 | 986.7 | .. | 22.1 | 16.9 | 13.3 | 15.1 | 57 | .. | 0.7 | .. | 1.3 | 0 | 0 | 8 | 00 | 0 | 0 | 3 | 1 | 4 | 0 | 0 | 23 | 0 |
| Sheopur | 0830 | 235 | 1011.9 | 985.2 | +0.7 | 24.0 | 17.6 | 12.8 | 15.0 | 49 | -18 | 0.7 | -1.3 | 4.2 | 0 | 0 | 24 | 03 | 0 | 0 | 0 | 21 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 235 | 1007.6 | 981.8 | +0.7 | 33.5 | 20.9 | 12.3 | 14.4 | 28 | -21 | 1.3 | -1.1 | 4.7 | 0 | 0 | 27 | 05 | 0 | 0 | 0 | 5 | 0 | 6 | 1 | 4 | 0 |
| Shivpuri | 0830 | 464 | 1011.5 | 960.0 | .. | 26.5 | 17.7 | 11.5 | 13.8 | 40 | .. | 0.5[a] | .. | 2.7[a] | 0 | 0 | 20 | 00 | 4 | 0 | 0 | 5 | 4 | 6 | 1 | 10 | 0 |
| | 1730 | 464 | 1007.5 | 957.0 | .. | 31.6 | 19.0 | 10.3 | 12.8 | 28 | .. | 0.5 | .. | 2.6 | 0 | 0 | 21 | 02 | 4 | 1 | 0 | 0 | 2 | 8 | 4 | 10 | 0 |
| Nowgong | 0830 | 229 | 1012.2 | 986.3 | +0.4 | 24.6 | 17.9 | 13.1 | 15.1 | 49 | -22 | 0.9 | -0.7 | 2.6 | 0 | 0 | 22 | 00 | 2 | 2 | 0 | 5 | 11 | 2 | 0 | 9 | 0 |
| | 1730 | 229 | 1008.0 | 982.8 | +0.2 | 33.0 | 20.6 | 12.1 | 14.2 | 29 | -18 | 1.1 | -1.0 | 1.9 | 0 | 0 | 18 | 04 | 7 | 0 | 0 | 0 | 2 | 1 | 4 | 13 | 0 |
| Guna | 0530 | 478 | 1011.4 | 956.9 | .. | 18.5 | 14.2 | 10.8 | 13.0 | 62 | .. | 0.8 | .. | 2.9 | 0 | 0 | 17 | 01 | 1 | 1 | 10 | 2 | 2 | 0 | 0 | 14 | 0 |
| | 0830 | 478 | 1011.7 | 958.7 | +0.3 | 26.5 | 18.0 | 12.5 | 14.5 | 42 | -23 | 0.9 | -0.7 | 3.6 | 0 | 0 | 28 | 02 | 0 | 4 | 6 | 10 | 0 | 5 | 1 | 3 | 0 |
| | 1130 | 478 | 1010.3 | 958.6 | .. | 33.6 | 21.7 | 14.8 | 17.2 | 34 | .. | 0.7 | .. | 8.8 | 0 | 0 | 30 | 04 | 1 | 1 | 3 | 4 | 5 | 4 | 8 | 1 | 0 |
| | 1430 | 478 | 1007.7 | 956.1 | .. | 34.3 | 22.0 | 14.3 | 17.4 | 33 | .. | 1.7 | .. | 8.1 | 0 | 0 | 31 | 03 | 3 | 3 | 0 | 1 | 1 | 6 | 14 | 0 | 0 |
| | 1730 | 478 | 1007.7 | 955.8 | +0.3 | 31.8 | 21.3 | 14.9 | 17.6 | 38 | - 3 | 1.3 | -0.7 | 6.3 | 0 | 0 | 29 | 07 | 6 | 1 | 0 | 1 | 1 | 1 | 12 | 2 | 0 |
| | 2330 | 478 | 1011.6 | 957.6 | .. | 21.3 | 15.7 | 11.7 | 13.7 | 55 | .. | 0.5 | .. | 2.8 | 0 | 0 | 21 | 02 | 1 | 3 | 9 | 1 | 0 | 3 | 2 | 10 | 0 |
| Nimach | 0830 | 496 | 1011.7 | 956.6 | -0.2 | 25.8 | 16.5 | 9.6 | 12.0 | 36 | -19 | 0.8 | -0.9 | 4.1 | 0 | 0 | 24 | 01 | 8 | 0 | 1 | 1 | 2 | 2 | 1 | 7 | 8 |
| | 1730 | 496 | 1007.9 | 954.4 | +0.2 | 33.3 | 18.1 | 6.4 | 9.7 | 19 | -15 | 1.0 | -1.8 | 7.2 | 0 | 1 | 29 | 02 | 9 | 0 | 0 | 0 | 4 | 4 | 0 | 1 | 11 |
| Rajgarh | 0830 | 382 | 1011.8 | 968.8 | +0.4 | 23.3 | 18.0 | 13.9 | 16.3 | 57 | -12 | 0.6 | -1.2 | 3.2 | 0 | 0 | 26 | 01 | 0 | 12 | 7 | 5 | 1 | 0 | 0 | 5 | 0 |
| | 1730 | 382 | 1007.4 | 966.0 | +0.5 | 33.7 | 21.4 | 13.2 | 15.5 | 30 | -15 | 1.1 | -1.3 | 5.9 | 0 | 0 | 31 | 09 | 4 | 1 | 1 | 0 | 1 | 5 | 0 | 0 | 0 |
| Sagar | 0830 | 551 | 1011.7 | 950.7 | +0.8 | 25.7 | 19.2 | 15.4 | 17.5 | 53 | - 5 | 0.8 | -1.2 | 4.4 | 0 | 0 | 28 | 00 | 5 | 6 | 0 | 0 | 4 | 4 | 4 | 3 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gps. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, WEST** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sagar (Contd.) | 1730 | 551 | 1006.9 | 947.6 | +0.6 | 33.3 | 19.7 | 10.6 | 13.0 | 26 | -20 | 1.8 | -0.9 | 4.3 | 0 | 0 | 29 | 00 | 4 | 4 | 0 | 0 | 7 | 10 | 4 | 2 | 0 |
| Ratlam | 0830 | 486 | 1012.1 | 958.1 | +1.3 | 26.5 | 18.1 | 12.5 | 14.6 | 43 | -20 | 0.9 | -1.8 | 5.0 | 0 | 0 | 23 | 03 | 8 | 7 | 1 | 2 | 0 | 2 | 0 | 8 | 0 |
| | 1730 | 486 | 1007.6 | 955.1 | +1.0 | 33.1 | 20.3 | 12.1 | 14.4 | 28 | -15 | 2.5 | -1.2 | 6.8 | 0 | 0 | 30 | 05 | 11 | 3 | 1 | 0 | 2 | 3 | 5 | 1 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1010.5 | 951.7 | .. | 21.4 | 15.1 | 10.2 | 12.6 | 49 | .. | 0.7 | .. | 4.0 | 0 | 0 | 20 | 05 | 2 | 3 | 4 | 3 | 2 | 1 | 0 | 11 | 0 |
| | 0530 | 523 | 1011.1 | 952.3 | .. | 20.2 | 14.5 | 10.1 | 12.3 | 53 | .. | 0.7 | .. | 4.5 | 0 | 0 | 22 | 05 | 1 | 1 | 4 | 5 | 2 | 1 | 3 | 9 | 0 |
| | 0830 | 523 | 1011.9 | 954.0 | +0.4 | 26.5 | 17.3 | 10.7 | 13.0 | 38 | -24 | 1.5 | -0.4 | 7.1 | 0 | 1 | 26 | 04 | 3 | 5 | 4 | 4 | 3 | 2 | 2 | 4 | 0 |
| | 1130 | 523 | 1010.6 | 953.8 | .. | 32.5 | 19.2 | 10.1 | 12.5 | 26 | .. | 1.3 | .. | 10.4 | 0 | 1 | 29 | 03 | 1 | 4 | 8 | 4 | 1 | 5 | 4 | 1 | 0 |
| | 1430 | 523 | 1007.4 | 951.1 | .. | 33.9 | 19.1 | 8.5 | 11.2 | 21 | .. | 2.4 | .. | 11.9 | 0 | 2 | 29 | 08 | 4 | 1 | 2 | 2 | 3 | 3 | 8 | 0 | 0 |
| | 1730 | 523 | 1007.6 | 950.9 | +0.4 | 31.8 | 18.4 | 8.6 | 11.4 | 24 | -17 | 2.1 | -0.5 | 8.3 | 0 | 0 | 27 | 08 | 2 | 0 | 1 | 1 | 2 | 3 | 10 | 4 | 0 |
| | 2030 | 523 | 1010.4 | 952.5 | .. | 26.1 | 16.7 | 9.6 | 12.1 | 36 | .. | 1.1 | .. | 4.4 | 0 | 0 | 20 | 05 | 5 | 1 | 3 | 1 | 1 | 2 | 2 | 11 | 0 |
| | 2330 | 523 | 1011.0 | 952.6 | .. | 23.5 | 15.8 | 10.2 | 12.3 | 44 | .. | 0.5 | .. | 4.6 | 0 | 0 | 20 | 04 | 5 | 0 | 3 | 4 | 2 | 1 | 1 | 11 | 0 |
| Ujjain | 0830 | 489 | 1012.6 | 957.6 | .. | 23.0 | 17.3 | 13.6 | 15.6 | 56 | .. | 2.0 | .. | 1.2 | 0 | 0 | 8 | 00 | 0 | 1 | 2 | 1 | 0 | 1 | 3 | 23 | 0 |
| | 1730 | 489 | 1007.7 | 954.6 | .. | 31.9 | 20.3 | 12.5 | 15.3 | 31 | .. | 2.6 | .. | 4.6 | 0 | 0 | 22 | 04 | 7 | 2 | 1 | 0 | 1 | 1 | 6 | 9 | 0 |
| Narsinghpur | 0830 | 356 | 1012.4 | 972.2 | .. | 23.5 | 17.9 | 13.8 | 16.0 | 55 | .. | . | .. | 1.0 | 0 | 0 | 16 | 00 | 6 | 0 | 1 | 0 | 7 | 0 | 2 | 15 | 0 |
| | 1730 | 356 | 1007.1 | 968.4 | .. | 33.4 | 21.5 | 13.6 | 15.9 | 31 | .. | . | .. | 1.5 | 0 | 0 | 23 | 00 | 9 | 0 | 1 | 0 | 8 | 0 | 5 | 8 | 0 |
| Hoshangabad | 0830 | 302 | 1012.6 | 978.4 | +0.8 | 24.1 | 18.3 | 14.2 | 16.3 | 54 | -15 | 0.8 | -1.5 | 1.6 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 0 | 21 | 0 | 4 | 6 | 0 |
| | 1730 | 302 | 1007.9 | 974.8 | +0.8 | 33.3 | 21.2 | 13.0 | 15.3 | 30 | -18 | 0.8 | -2.3 | 1.7 | 0 | 0 | 26 | 03 | 1 | 0 | 0 | 0 | 18 | 0 | 4 | 5 | 0 |
| Indore | 0530 | 567 | 1011.2 | 947.3 | .. | 19.6 | 14.5 | 10.6 | 12.8 | 57 | .. | 0.8 | .. | 3.4 | 0 | 0 | 17 | 00 | 6 | 2 | 3 | 3 | 2 | 1 | 0 | 14 | 0 |
| | 0830 | 567 | 1011.8 | 949.3 | +0.8 | 26.8 | 17.7 | 11.5 | 13.6 | 39 | -21 | 1.4 | -0.3 | 4.6 | 0 | 0 | 22 | 03 | 1 | 2 | 3 | 5 | 6 | 2 | 0 | 9 | 0 |
| | 1130 | 567 | 1010.2 | 948.9 | .. | 32.5 | 19.2 | 10.1 | 12.5 | 26 | .. | 0.9 | .. | 7.9 | 0 | 0 | 30 | 04 | 4 | 9 | 1 | 4 | 4 | 2 | 1 | 1 | 1 |
| | 1730 | 567 | 1007.4 | 946.1 | +0.4 | 31.6 | 18.7 | 9.6 | 12.1 | 27 | -15 | 1.9 | -1.2 | 3.3 | 0 | 0 | 28 | 05 | 12 | 4 | 0 | 4 | 1 | 2 | 0 | 3 | 0 |
| | 2330 | 567 | 1011.2 | 948.0 | .. | 23.2 | 15.9 | 10.5 | 12.7 | 46 | .. | 1.4 | .. | 4.9 | 0 | 0 | 24 | 04 | 10 | 0 | 0 | 3 | 5 | 1 | 1 | 7 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1012.5 | 979.4 | +0.4 | 24.6 | 18.5 | 14.0 | 16.3 | 53 | -19 | 0.8 | -1.6 | 2.2 | 0 | 0 | 19 | 01 | 0 | 7 | 3 | 1 | 0 | 6 | 1 | 12 | 0 |
| | 1730 | 293 | 1007.7 | 975.8 | +0.2 | 34.7 | 20.1 | 8.6 | 11.6 | 21 | -24 | 1.8 | -0.8 | 5.4 | 0 | 0 | 25 | 00 | 2 | 2 | 0 | 0 | 0 | 21 | 0 | 6 | 0 |
| Chhindwara | 0830 | 685 | 1012.7 | 936.8 | +1.6 | 22.7 | 17.3 | 13.5 | 15.9 | 58 | -13 | 2.0 | -0.9 | 1.9 | 0 | 0 | 11 | 01 | 1 | 3 | 1 | 0 | 0 | 4 | 1 | 20 | 0 |
| | 1730 | 685 | 1007.6 | 933.6 | +1.3 | 29.6 | 18.6 | 11.0 | 13.4 | 34 | -17 | 3.2 | -0.4 | 6.5 | 0 | 0 | 30 | 14 | 1 | 5 | 0 | 5 | 2 | 3 | 0 | 1 | 0 |
| Seoni | 0830 | 619 | 1012.4 | 944.0 | +1.5 | 25.0 | 18.2 | 13.7 | 16.0 | 50 | -15 | 1.7 | -1.0 | 3.7 | 0 | 0 | 25 | 02 | 2 | 2 | 0 | 3 | 12 | 3 | 1 | 6 | 0 |
| | 1730 | 619 | 1007.7 | 940.6 | +0.9 | 29.4 | 18.9 | 11.9 | 14.1 | 36 | -14 | 2.6 | -0.6 | 7.5 | 0 | 0 | 31 | 06 | 2 | 4 | 7 | 6 | 4 | 1 | 1 | 0 | 0 |
| Betul | 0830 | 653 | 1012.3 | 940.2 | +1.4 | 24.9 | 18.1 | 13.7 | 15.9 | 50 | -19 | 1.4 | -1.7 | 2.0 | 0 | 0 | 22 | 01 | 4 | 5 | 10 | 1 | 0 | 1 | 0 | 9 | 0 |
| | 1730 | 653 | 1007.7 | 937.0 | +1.2 | 29.4 | 19.1 | 12.4 | 14.6 | 36 | -20 | 2.3 | -1.1 | 3.9 | 0 | 0 | 30 | 09 | 12 | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 0 |
| Khandwa | 0830 | 318 | 1012.2 | 976.4 | +0.8 | 25.4 | 17.9 | 12.3 | 14.5 | 44 | -20 | 0.9 | -1.2 | 1.5 | 0 | 0 | 23 | 01 | 1 | 2 | 5 | 5 | 8 | 0 | 1 | 8 | 0 |
| | 1730 | 318 | 1007.5 | 972.8 | +0.6 | 34.0 | 19.5 | 7.8 | 10.9 | 21 | -20 | 1.7 | -1.2 | 2.7 | 0 | 0 | 30 | 00 | 18 | 1 | 2 | 2 | 3 | 0 | 4 | 1 | 0 |
| **MADHYA PRADESH, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1010.5 | 974.2 | .. | 19.5 | 15.3 | 11.9 | 13.9 | 62 | .. | 0.7 | .. | 0.3 | 0 | 0 | 3 | 01 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 28 | 0 |
| | 0830 | 317 | 1011.8 | 976.1 | +0.5 | 25.7 | 18.2 | 12.7 | 14.9 | 45 | -25 | 1.1 | -0.7 | 0.8 | 0 | 0 | 12 | 00 | 0 | 1 | 2 | 1 | 0 | 7 | 1 | 19 | 0 |
| | 1130 | 317 | 1010.1 | 975.4 | .. | 33.3 | 19.5 | 8.5 | 11.4 | 22 | .. | 0.7 | .. | 4.5 | 0 | 0 | 25 | 01 | 1 | 3 | 2 | 2 | 2 | 8 | 6 | 6 | 0 |
| | 1430 | 317 | 1007.2 | 972.7 | .. | 34.8 | 19.5 | 6.8 | 10.2 | 18 | .. | 1.9 | .. | 5.7 | 0 | 0 | 27 | 07 | 0 | 3 | 0 | 0 | 1 | 8 | 8 | 4 | 0 |
| | 1730 | 317 | 1007.6 | 972.8 | +0.2 | 31.5 | 19.1 | 9.5 | 12.0 | 26 | -25 | 0.8 | -1.6 | 3.6 | 0 | 0 | 30 | 08 | 1 | 4 | 0 | 0 | 0 | 7 | 10 | 1 | 0 |
| | 2330 | 317 | 1010.5 | 974.6 | .. | 23.0 | 16.5 | 11.3 | 13.5 | 48 | .. | 0.2 | .. | 0.8 | 0 | 0 | 7 | 00 | 0 | 2 | 0 | 1 | 0 | 2 | 2 | 24 | 0 |
| Rewa | 0830 | 299 | 1011.5 | 977.8 | .. | 25.6 | 18.3 | 13.1 | 15.1 | 46 | .. | 1.2 | .. | 2.7 | 0 | 0 | 28 | 05 | 1 | 0 | 0 | 2 | 7 | 9 | 4 | 3 | 0 |
| | 1730 | 299 | 1007.3 | 974.6 | .. | 32.6 | 19.2 | 8.8 | 11.3 | 23 | .. | 1.5 | .. | 3.7 | 0 | 0 | 31 | 11 | 7 | 1 | 0 | 0 | 0 | 1 | 11 | 0 | 0 |
| Sidhi | 0830 | 272H | 1011.3 | 980.6 | +1.1 | 24.5 | 19.0 | 15.2 | 17.5 | 57 | -16 | . | .. | 1.0 | 0 | 0 | 15 | 03 | 0 | 8 | 0 | 3 | 0 | 1 | 0 | 6 | 0 |
| | 1730 | 272 | 1007.0 | 977.2 | +0.7 | 31.9 | 20.1 | 11.7 | 13.9 | 30 | -23 | . | .. | 1.5 | 0 | 0 | 24 | 21 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 7 | 0 |
| Umaria | 0830 | 459 | 1012.2 | 961.0 | +1.0 | 25.5 | 19.9 | 16.8 | 19.1 | 59 | -11 | 1.8 | -0.6 | 2.3 | 0 | 0 | 26 | 04 | 2 | 8 | 5 | 2 | 2 | 1 | 2 | 5 | 0 |
| | 1730 | 459 | 1007.7 | 957.7 | +0.7 | 31.2 | 22.0 | 17.2 | 19.6 | 44 | -15 | 2.2 | -0.8 | 1.8 | 0 | 0 | 23 | 02 | 7 | 2 | 2 | 0 | 1 | 5 | 4 | 8 | 0 |
| Jabalpur | 0530 | 393 | 1011.4 | 966.5 | .. | 19.0 | 16.4 | 14.4 | 16.5 | 75 | .. | 1.4 | .. | 2.1 | 0 | 0 | 18 | 00 | 0 | 4 | 9 | 5 | 0 | 0 | 0 | 13 | 0 |
| | 0830 | 393 | 1012.6 | 968.5 | +1.0 | 24.6 | 18.9 | 15.1 | 17.1 | 56 | -17 | 1.0 | -1.5 | 3.0 | 0 | 0 | 25 | 00 | 0 | 1 | 9 | 15 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 393 | 1010.6 | 967.7 | .. | 32.2 | 20.9 | 13.2 | 15.5 | 32 | .. | 1.3 | .. | 4.5 | 0 | 0 | 27 | 02 | 2 | 6 | 1 | 4 | 5 | 4 | 3 | 4 | 0 |
| | 1430 | 393 | 1007.4 | 964.9 | .. | 34.3 | 20.7 | 11.1 | 13.3 | 25 | .. | 2.0 | .. | 5.0 | 0 | 0 | 28 | 08 | 5 | 2 | 0 | 0 | 2 | 4 | 7 | 3 | 0 |
| | 1730 | 393 | 1007.6 | 964.7 | +0.4 | 31.8 | 20.7 | 13.1 | 15.1 | 32 | -20 | 1.8 | -1.0 | 2.6 | 0 | 0 | 22 | 04 | 4 | 5 | 2 | 2 | 2 | 1 | 2 | 9 | 0 |
| | 2030 | 393 | 1010.5 | 966.6 | .. | 25.1 | 19.1 | 15.2 | 17.0 | 54 | .. | 0.5 | .. | 1.3 | 0 | 0 | 12 | 00 | 2 | 1 | 3 | 3 | 0 | 2 | 1 | 19 | 0 |
| | 2330 | 393 | 1011.1 | 966.8 | .. | 22.5 | 18.0 | 14.9 | 16.9 | 62 | .. | 0.8 | .. | 0.6 | 0 | 0 | 9 | 00 | 1 | 1 | 4 | 2 | 1 | 0 | 0 | 22 | 0 |
| Ambikapur | 0830 | 611 | 1012.2 | 944.6 | +1.3 | 24.6 | 19.1 | 15.7 | 18.1 | 58 | -19 | 1.1 | -1.3 | 3.3 | 0 | 0 | 20 | 01 | 3 | 1 | 2 | 6 | 5 | 1 | 1 | 11 | 0 |
| | 1730 | 611 | 1007.9 | 941.3 | +0.9 | 28.2 | 19.3 | 13.7 | 15.9 | 42 | -23 | 1.7a | -0.9 | 7.5a | 0 | 0 | 30 | 13 | 3 | 1 | 3 | 1 | 2 | 2 | 5 | 0 | 0 |
| Jashpurnagar | 0830 | 779H | 1012.0 | 926.6 | .. | 23.8 | 19.[illegible] | 17.1 | 19.5 | 66 | .. | 0.9 | .. | 1.3 | 0 | 0 | 18 | 01 | 9 | 0 | 0 | 0 | 7 | 1 | 0 | 13 | 0 |
| | 1730 | 779 | 1007.8 | 923.4 | .. | 25.9 | 1[illegible].5 | 15.4 | 17.9 | 55 | .. | 2.5 | .. | 1.7 | 0 | 0 | 25 | 01 | 4 | 0 | 2 | 0 | 14 | 0 | 4 | 6 | 0 |
| Pendra | 0530 | 625 | 1011.5 | 941.4 | .. | 19.7 | 15.9 | 13.1 | 15.3 | 67 | .. | 1.5 | .. | 2.0 | 0 | 0 | 10 | 02 | 1 | 0 | 0 | 4 | 1 | 1 | 1 | 21 | 0 |
| | 0830 | 625 | 1012.1 | 943.4 | +1.1 | 25.6 | 19.1 | 15.0 | 17.4 | 53 | -17 | 1.3 | -1.7 | 3.7 | 0 | 0 | 19 | 04 | 1 | 0 | 0 | 7 | 3 | 1 | 3 | 12 | 0 |
| | 1130 | 625 | 1010.2 | 942.5 | .. | 29.9 | 20.4 | 14.6 | 16.9 | 41 | .. | 1.3 | .. | 6.2 | 0 | 0 | 29 | 11 | 3 | 0 | 1 | 7 | 3 | 0 | 3 | 2 | 1 |
| | 1430 | 625 | 1007.5 | 940.1 | .. | 30.3 | 20.0 | 13.5 | 15.8 | 38 | .. | 2.2 | .. | 9.2 | 0 | 3 | 27 | 14 | 4 | 1 | 2 | 4 | 1 | 0 | 3 | 1 | 1 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA PRADESH, EAST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pendra (Contd.) | 1730 | 625 | 1008.4 | 940.1 | +0.7 | 27.0 | 19.8 | 15.4 | 17.8 | 51 | -12 | 1.6 | -2.1 | 2.8 | 0 | 1 | 16 | 06 | 0 | 0 | 1 | 7 | 3 | 0 | 0 | 14 | 0 |
| | 2330 | 625 | 1011.7 | 942.0 | .. | 21.4 | 17.1 | 13.9 | 16.3 | 64 | .. | 0.7 | .. | 3.9 | 0 | 0 | 22 | 00 | 0 | 0 | 0 | 6 | 8 | 5 | 3 | 9 | 0 |
| Mandla | 0830 | 443 | 1013.2 | 963.3 | +1.6 | 22.6 | 18.3 | 15.3 | 17.5 | 64 | -18 | 0.8 | -2.8 | 0.4 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 29 | 0 |
| | 1730 | 443 | 1007.6 | 959.3 | +1.2 | 30.1 | 20.2 | 13.3 | 15.7 | 37 | -24 | 1.6 | -2.1 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Champa | 0830 | 245 | 1012.7 | 984.9 | +1.5 | 24.0 | 21.0 | 19.2 | 22.4 | 75 | - 3 | 2.1 | -1.5 | 1.4 | 0 | 0 | 17 | 12 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 14 | 0 |
| | 1730 | 245 | 1008.3 | 981.1 | +1.1 | 30.1 | 22.9 | 18.8 | 22.0 | 52 | -11 | 2.2 | -1.9 | 1.4 | 0 | 0 | 21 | 07 | 1 | 1 | 1 | 3 | 3 | 4 | 1 | 10 | 0 |
| Raigarh | 0830 | 220 | 1012.7 | 987.7 | +1.9 | 25.9 | 21.6 | 18.9 | 22.4 | 65 | - 9 | 1.5 | -2.2 | 3.5 | 0 | 0 | 31 | 01 | 16 | 1 | 5 | 4 | 3 | 0 | 1 | 0 | 0 |
| | 1730 | 220 | 1008.1 | 983.6 | +1.7 | 30.2 | 23.1 | 19.1 | 22.4 | 53 | - 9 | 1.5 | -2.5 | 0.8 | 0 | 0 | 12 | 04 | 3 | 0 | 0 | 0 | 4 | 1 | 0 | 19 | 0 |
| Raipur | 0530 | 298 | 1010.9 | 977.0 | .. | 22.0 | 19.8 | 17.8 | 20.6 | 77 | .. | 2.0 | .. | 1.2 | 0 | 0 | 11 | 00 | 2 | 0 | 0 | 2 | 5 | 2 | 0 | 20 | 0 |
| | 0830 | 298 | 1012.6 | 979.1 | +1.5 | 26.2 | 21.2 | 18.1 | 21.1 | 62 | -11 | 2.0 | -0.9 | 3.4 | 0 | 0 | 23 | 02 | 5 | 3 | 1 | 4 | 3 | 4 | 1 | 8 | 0 |
| | 1130 | 298 | 1011.2 | 978.3 | .. | 31.6 | 22.1 | 16.3 | 18.9 | 41 | .. | 1.8 | .. | 5.0 | 0 | 0 | 29 | 06 | 5 | 5 | 1 | 2 | 5 | 4 | 1 | 2 | 0 |
| | 1430 | 298 | 1008.1 | 975.4 | .. | 33.0 | 21.5 | 13.8 | 16.2 | 34 | .. | 2.0 | .. | 5.3 | 0 | 0 | 29 | 07 | 6 | 4 | 2 | 1 | 3 | 4 | 2 | 2 | 0 |
| | 1730 | 298 | 1008.3 | 975.4 | +1.2 | 30.8 | 21.3 | 15.1 | 17.6 | 40 | -20 | 2.2 | -1.2 | 3.8 | 0 | 0 | 26 | 00 | 7 | 6 | 7 | 1 | 1 | 3 | 1 | 5 | 0 |
| | 2030 | 298 | 1010.6 | 977.2 | .. | 26.8 | 20.8 | 16.9 | 19.6 | 55 | .. | 0.9 | .. | 1.9 | 0 | 0 | 16 | 01 | 2 | 2 | 5 | 1 | 2 | 2 | 1 | 15 | 0 |
| | 2330 | 298 | 1010.8 | 977.3 | .. | 25.3 | 20.3 | 17.1 | 19.7 | 62 | .. | 1.2 | .. | 3.2 | 0 | 0 | 22 | 00 | 0 | 2 | 7 | 5 | 6 | 2 | 0 | 9 | 0 |
| Kanker | 0830 | 402 | 1012.5 | 967.6 | +1.4 | 25.5 | 21.0 | 18.5 | 21.3 | 67 | -12 | 3.3 | +0.0 | 0.5 | 0 | 0 | 6 | 00 | 2 | 0 | 1 | 0 | 2 | 0 | 1 | 25 | 0 |
| | 1730 | 402 | 1008.1 | 964.0 | +0.9 | 29.6 | 22.1 | 17.6 | 20.5 | 51 | -13 | 2.5 | -1.8 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| Jagdalpur | 0530 | 553 | 1011.1 | 948.9 | .. | 19.7 | 18.5 | 17.8 | 20.4 | 89 | .. | 2.3 | .. | 0.6 | 0 | 0 | 5 | 00 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 26 | 0 |
| | 0830 | 553 | 1012.2 | 950.9 | +1.5 | 24.0 | 20.7 | 18.9 | 21.9 | 74 | - 6 | 2.6 | -1.3 | 1.5 | 0 | 0 | 9 | 00 | 4 | 0 | 2 | 1 | 1 | 0 | 1 | 22 | 0 |
| | 1130 | 553 | 1010.0 | 949.8 | .. | 29.1 | 21.5 | 17.4 | 20.0 | 51 | .. | 2.8 | .. | 5.6 | 0 | 0 | 26 | 06 | 10 | 2 | 3 | 0 | 1 | 2 | 2 | 5 | 0 |
| | 1430 | 553 | 1006.9 | 947.1 | .. | 30.4 | 21.2 | 16.0 | 18.4 | 44 | .. | 3.4 | .. | 6.7 | 0 | 1 | 25 | 06 | 16 | 1 | 1 | 0 | 0 | 1 | 1 | 5 | 0 |
| | 1730 | 553 | 1007.9 | 947.5 | +1.1 | 27.6 | 21.0 | 17.4 | 20.0 | 55 | -12 | 4.1 | -0.9 | 1.3 | 0 | 0 | 9 | 03 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 22 | 0 |
| | 2030 | 553 | 1010.7 | 949.5 | .. | 24.1 | 20.4 | 18.4 | 21.2 | 71 | .. | 1.9 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 2330 | 553 | 1011.2 | 949.5 | .. | 22.1 | 19.7 | 18.4 | 21.2 | 80 | .. | 1.4 | .. | 1.0 | 0 | 0 | 4 | 00 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| **GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1011.9 | 996.2 | +0.7 | 23.1 | 17.4 | 13.3 | 15.3 | 54 | - 8 | 0.0 | -1.7 | 4.8 | 0 | 0 | 29 | 00 | 13 | 3 | 9 | 1 | 1 | 1 | 1 | 2 | 0 |
| | 1730 | 136 | 1007.9 | 992.9 | +0.7 | 36.3 | 20.3 | 7.7 | 10.8 | 18 | -15 | 0.0 | -2.1 | 5.4 | 0 | 0 | 30 | 07 | 0 | 0 | 1 | 7 | 3 | 9 | 3 | 1 | 0 |
| Radhanpur | 0830 | 30 | 1011.7 | 1008.2 | +0.2 | 26.0 | .. | .. | .. | .. | .. | 0.0 | -0.7 | 2.3 | 0 | 0 | 31 | 06 | 0 | 4 | 0 | 16 | 4 | 1 | 0 | 0 | 0 |
| | 1730 | 30 | 1007.9 | 1004.6 | -0.4 | 36.7 | .. | .. | .. | .. | .. | 0.0 | -0.9 | 3.0 | 0 | 0 | 26 | 02 | 0 | 2 | 0 | 1 | 2 | 13 | 6 | 5 | 0 |
| Idar | 0830 | 219 | 1011.4 | 986.9 | +0.2 | 28.1 | 18.9 | 11.8 | 14.3 | 38 | -16 | 1.1 | -0.6 | 2.6 | 0 | 1 | 12 | 06 | 1 | 1 | 3 | 0 | 0 | 0 | 2 | 18 | 0 |
| | 1730 | 219 | 1007.8 | 983.9 | +0.2 | 35.1 | 21.7 | 12.7 | 15.0 | 27 | -12 | 0.5 | -1.3 | 3.2 | 0 | 0 | 27 | 00 | 0 | 2 | 1 | 3 | 1 | 19 | 1 | 4 | 0 |
| Ahmadabad | 0230 | 55 | 1009.3 | 1003.0 | .. | 24.7 | 19.4 | 15.8 | 18.3 | 59 | .. | 0.5 | .. | 5.3 | 0 | 0 | 18 | 04 | 1 | 0 | 0 | 0 | 1 | 7 | 5 | 13 | 0 |
| | 0530 | 55 | 1009.6 | 1003.2 | .. | 22.7 | 18.4 | 15.3 | 17.6 | 64 | .. | 0.3 | .. | 3.2 | 0 | 0 | 13 | 05 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 18 | 0 |
| | 0830 | 55 | 1011.6 | 1005.3 | +0.0 | 26.4 | 19.7 | 15.1 | 17.5 | 50 | -14 | 1.1 | -0.5 | 4.0 | 0 | 0 | 18 | 02 | 1 | 7 | 4 | 0 | 1 | 1 | 2 | 13 | 0 |
| | 1130 | 55 | 1011.7 | 1005.1 | .. | 34.4 | 22.1 | 14.4 | 16.5 | 31 | .. | 0.7 | .. | 9.3 | 0 | 0 | 28 | 03 | 8 | 6 | 5 | 0 | 2 | 0 | 4 | 3 | 0 |
| | 1430 | 55 | 1008.9 | 1002.9 | .. | 37.2 | 22.7 | 13.4 | 15.7 | 25 | .. | 0.5 | .. | 8.5 | 0 | 0 | 30 | 04 | 4 | 2 | 2 | 2 | 2 | 4 | 10 | 1 | 0 |
| | 1730 | 55 | 1008.2 | 1002.1 | +0.1 | 36.1 | 22.9 | 14.8 | 17.2 | 29 | - 6 | 0.8 | -1.0 | 5.4 | 0 | 0 | 23 | 05 | 1 | 2 | 1 | 1 | 2 | 5 | 6 | 8 | 0 |
| | 2030 | 55 | 1009.8 | 1003.9 | .. | 28.4 | 21.1 | 16.6 | 19.0 | 49 | .. | 0.3 | .. | 0.6 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 29 | 0 |
| | 2330 | 55 | 1010.3 | 1004.0 | .. | 25.9 | 19.9 | 15.8 | 18.3 | 55 | .. | 0.5 | .. | 2.3 | 0 | 0 | 12 | 00 | 1 | 0 | 0 | 1 | 3 | 2 | 5 | 19 | 0 |
| Dohad | 0830 | 333 | 1012.0 | 974.8 | +0.2 | 26.3 | 18.0 | 11.5 | 13.9 | 41 | -29 | 1.2 | -0.7 | 4.1 | 0 | 0 | 21 | 00 | 2 | 4 | 2 | 8 | 4 | 1 | 0 | 10 | 0 |
| | 1730 | 333 | 1007.4 | 971.3 | +0.6 | 34.9 | 19.5 | 6.6 | 10.1 | 18 | -20 | 1.4 | -0.2 | 9.4 | 0 | 0 | 29 | 09 | 3 | 1 | 0 | 2 | 1 | 9 | 4 | 2 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1011.4 | 1006.4 | .. | 24.0 | 20.4 | 18.3 | 21.0 | 71 | .. | 1.3 | .. | 2.4 | 0 | 0 | 21 | 02 | 6 | 2 | 5 | 3 | 1 | 0 | 2 | 10 | 0 |
| | 1730 | 44 | 1007.9 | 1003.1 | .. | 36.1 | 25.0 | 19.2 | 22.7 | 39 | .. | 0.5 | .. | 2.8 | 0 | 0 | 25 | 04 | 0 | 1 | 0 | 0 | 3 | 5 | 12 | 6 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1011.6 | 1007.3 | +0.5 | 26.7 | 22.1 | 19.3 | 22.8 | 65 | - 3 | 0.9 | -1.2 | 5.2 | 0 | 0 | 20 | 01 | 1 | 0 | 10 | 6 | 2 | 0 | 0 | 11 | 0 |
| | 1130 | 38 | 1011.5 | 1007.3 | .. | 34.7 | 25.2 | 20.3 | 24.1 | 44 | .. | 0.6 | .. | 7.3 | 0 | 0 | 24 | 02 | 5 | 4 | 3 | 3 | 3 | 3 | 1 | 7 | 0 |
| | 1730 | 38 | 1008.0 | 1003.8 | +0.5 | 35.8 | 25.8 | 20.8 | 25.0 | 43 | + 0 | 1.0 | -1.1 | 3.9 | 0 | 0 | 17 | 01 | 1 | 0 | 1 | 0 | 0 | 5 | 9 | 14 | 0 |
| Baroda | 0530 | 34 | 1009.8 | 1005.8 | .. | 22.7 | 19.7 | 17.7 | 20.5 | 73 | .. | 0.3 | .. | 1.3 | 0 | 0 | 11 | 00 | 3 | 1 | 1 | 1 | 3 | 2 | 0 | 20 | 0 |
| | 0830 | 34 | 1011.9 | 1007.9 | +0.2 | 25.8 | 21.4 | 18.7 | 21.8 | 66 | -10 | 1.1 | -0.5 | 1.0 | 0 | 0 | 11 | 00 | 0 | 2 | 6 | 0 | 3 | 0 | 0 | 20 | 0 |
| | 1130 | 34 | 1011.7 | 1007.9 | .. | 35.9 | 24.2 | 17.7 | 20.5 | 35 | .. | 0.6 | .. | 1.6 | 0 | 0 | 16 | 00 | 3 | 3 | 6 | 2 | 2 | 0 | 0 | 15 | 0 |
| | 1730 | 34 | 1008.2 | 1004.4 | +0.3 | 36.7 | 25.2 | 19.3 | 22.7 | 37 | -15 | 0.3 | -1.4 | 1.4 | 0 | 0 | 14 | 01 | 4 | 1 | 0 | 0 | 0 | 1 | 7 | 17 | 0 |
| | 2330 | 34 | 1010.2 | 1006.3 | .. | 26.1 | 21.0 | 17.9 | 20.8 | 61 | .. | 0.2 | .. | 0.3 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 28 | 0 |
| Broach | 0830 | 17 | .. | 1008.9 | +0.4 | .. | .. | .. | .. | .. | .. | 1.1 | -0.8 | 5.1 | 0 | 0 | 31 | 00 | 7 | 0 | 8 | 2 | 11 | 0 | 3 | 0 | 0 |
| | 1730 | 17 | .. | 1005.4 | +0.4 | .. | .. | .. | .. | .. | .. | 1.1 | -1.2 | 5.7 | 0 | 0 | 31 | 02 | 8 | 0 | 6 | 0 | 5 | 6 | 4 | 0 | 0 |
| Surat | 0530 | 12 | 1009.6 | 1008.2 | .. | 24.4 | 22.4 | 21.1 | 25.5 | 83 | .. | 0.8 | .. | 5.3 | 0 | 0 | 25 | 00 | 9 | 0 | 14 | 0 | 0 | 0 | 2 | 6 | 0 |
| | 0830 | 12 | 1011.9 | 1010.6 | +0.5 | 26.6 | 23.6 | 22.0 | 26.6 | 77 | + 7 | 1.5 | -1.2 | 5.0 | 0 | 0 | 27 | 00 | 6 | 0 | 18 | 0 | 1 | 0 | 2 | 4 | 0 |
| | 1130 | 12 | 1011.9 | 1010.6 | .. | 34.0 | 26.0 | 22.1 | 27.1 | 51 | .. | 1.2 | .. | 7.1 | 0 | 0 | 29 | 00 | 14 | 0 | 5 | 0 | 5 | 0 | 5 | 2 | 0 |
| | 1730 | 12 | 1008.3 | 1007.0 | +0.4 | 34.6 | 26.0 | 21.6 | 26.6 | 47 | - 1 | 1.2 | -1.7 | 6.7 | 0 | 0 | 31 | 00 | 9 | 0 | 1 | 0 | 13 | 0 | 8 | 0 | 0 |
| | 2330 | 12 | 1010.3 | 1009.0 | .. | 26.8 | 24.0 | 22.6 | 27.6 | 75 | .. | 0.7 | .. | 5.7 | 0 | 0 | 26 | 00 | 12 | 0 | 7 | 0 | 4 | 0 | 3 | 5 | 0 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1011.6 | 1009.1 | +0.2 | 24.3 | 22.8 | 21.9 | 26.6 | 88 | + 2 | 2.5 | +0.5 | 4.1 | 0 | 2 | 17 | 07 | 4 | 1 | 0 | 2 | 3 | 0 | 2 | 12 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya (Contd.) | 1730 | 21 | 1008.7 | 1006.3 | +0.1 | 33.6 | 26.1 | 22.4 | 27.6 | 55 | + 3 | 0.9 | -0.8 | 10.4 | 0 | 0 | 31 | 03 | 0 | 0 | 0 | 0 | 19 | 8 | 1 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1009.7 | 1000.4 | .. | 25.2 | 21.0 | 18.4 | 21.4 | 69 | .. | 0.2 | .. | 0.6 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 30 | 0 |
| | 0530 | 80 | 1009.9 | 1000.7 | .. | 23.7 | 20.7 | 18.8 | 22.0 | 75 | .. | 0.2 | .. | 1.3 | 0 | 0 | 3 | 00 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 28 | 0 |
| | 0830 | 80 | 1011.6 | 1002.5 | -0.2 | 26.2 | 22.2 | 19.8 | 23.5 | 70 | + 6 | 0.3 | -0.7 | 3.4 | 0 | 1 | 9 | 03 | 0 | 0 | 0 | 0 | 3 | 1 | 3 | 21 | 0 |
| | 1130 | 80 | 1011.6 | 1002.7 | .. | 33.8 | 23.2 | 17.2 | 19.7 | 38 | .. | 0.3 | .. | 12.4 | 0 | 3 | 21 | 07 | 9 | 0 | 0 | 0 | 1 | 3 | 4 | 7 | 0 |
| | 1430 | 80 | 1008.8 | 1000.0 | .. | 37.2 | 23.1 | 14.2 | 16.7 | 27 | .. | 0.9 | .. | 13.0 | 0 | 5 | 21 | 05 | 5 | 0 | 1 | 0 | 4 | 2 | 9 | 5 | 0 |
| | 1730 | 80 | 1008.1 | 999.3 | +0.1 | 36.2 | 22.7 | 14.2 | 16.5 | 28 | + 2 | 1.5 | +0.1 | 15.1 | 0 | 8 | 20 | 07 | 6 | 1 | 0 | 2 | 5 | 3 | 4 | 3 | 0 |
| | 2030 | 80 | 1010.1 | 1001.1 | .. | 31.2 | 22.0 | 16.3 | 18.9 | 43 | .. | 0.3 | .. | 6.9 | 0 | 1 | 17 | 03 | 1 | 0 | 0 | 0 | 3 | 3 | 8 | 13 | 0 |
| | 2330 | 80 | 1010.7 | 1001.6 | .. | 27.9 | 21.5 | 17.4 | 20.5 | 55 | .. | 0.4 | .. | 3.7 | 0 | 0 | 10 | 04 | 0 | 0 | 0 | 0 | 3 | 2 | 1 | 21 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1011.7 | 1007.8 | .. | 27.4 | 21.2 | 17.1 | 20.1 | 56 | .. | 0.3 | .. | 13.3 | 0 | 6 | 20 | 03 | 0 | 1 | 0 | 0 | 0 | 3 | 19 | 5 | 0 |
| | 1130 | 35 | 1011.8 | 1007.9 | .. | 34.8 | 22.2 | 14.1 | 16.5 | 30 | .. | 0.3 | .. | 14.1 | 0 | 4 | 26 | 06 | 6 | 1 | 0 | 2 | 3 | 4 | 8 | 1 | 0 |
| | 1730 | 35 | 1008.0 | 1004.1 | .. | 37.0 | 23.1 | 14.4 | 16.9 | 28 | .. | 0.7 | .. | 14.3 | 0 | 8 | 20 | 05 | 2 | 1 | 1 | 11 | 2 | 2 | 4 | 3 | 0 |
| New Kandla | 0830 | 14 | 1012.1 | 1010.4 | +0.0 | 26.7 | 21.2 | 17.6 | 20.8 | 60 | - 8 | 1.1 | -0.2 | 10.3 | 0 | 0 | 31 | 16 | 2 | 1 | 1 | 1 | 1 | 4 | 5 | 0 | 0 |
| | 1730 | 14 | 1008.8 | 1007.2 | -0.1 | 34.6 | 23.1 | 15.9 | 18.9 | 35 | - 8 | 1.5 | -0.2 | 12.8 | 0 | 4 | 26 | 04 | 5 | 1 | 1 | 4 | 10 | 4 | 1 | 1 | 0 |
| Mandvi | 0830 | 9 | 1012.0 | 1010.9 | +1.0 | 26.5 | 23.0 | 20.9 | 25.3 | 74 | - 3 | 2.0 | +0.2 | 6.5 | 0 | 1 | 23 | 01 | 0 | 0 | 0 | 0 | 8 | 8 | 7 | 7 | 0 |
| | 1730 | 9 | 1009.1 | 1008.0 | +0.7 | 30.3 | 27.5 | 26.2 | 34.4 | 78 | + 8 | 1.7 | -0.3 | 18.3 | 0 | 14 | 17 | 01 | 0 | 0 | 0 | 1 | 11 | 17 | 1 | 0 | 0 |
| Surendranagar | 0830 | 74 | 1011.6 | 1003.2 | +0.4 | 28.2 | 21.1 | 16.6 | 19.3 | 50 | -17 | 1.8 | +0.1 | 5.3 | 0 | 0 | 27 | 05 | 0 | 0 | 0 | 0 | 1 | 8 | 13 | 4 | 0 |
| | 1730 | 74 | 1007.8 | 999.6 | +0.2 | 36.6 | 22.2 | 12.5 | 14.9 | 24 | -14 | 1.8 | -0.7 | 4.1 | 0 | 0 | 20 | 05 | 1 | 1 | 1 | 0 | 0 | 4 | 8 | 11 | 0 |
| Okha | 0530 | 7 | 1010.2 | 1009.4 | .. | 26.4 | 24.6 | 23.8 | 29.7 | 86 | .. | 0.3 | .. | 13.0 | 0 | 4 | 27 | 08 | 2 | 0 | 0 | 1 | 1 | 5 | 14 | 0 | 0 |
| | 0830 | 7 | 1012.0 | 1011.2 | .. | 27.0 | 24.8 | 23.7 | 29.5 | 83 | .. | 0.8 | .. | 13.3 | 0 | 4 | 27 | 10 | 5 | 1 | 0 | 0 | 1 | 2 | 12 | 0 | 0 |
| | 1130 | 7 | 1012.7 | 1011.9 | .. | 28.7 | 25.0 | 23.2 | 28.6 | 73 | .. | 0.6 | .. | 12.6 | 0 | 1 | 30 | 11 | 1 | 4 | 0 | 0 | 1 | 2 | 12 | 0 | 0 |
| | 1730 | 7 | 1009.5 | 1008.7 | .. | 28.5 | 25.9 | 24.8 | 31.3 | 81 | .. | 0.6 | .. | 17.2 | 0 | 10 | 21 | 00 | 2 | 0 | 0 | 0 | 0 | 7 | 22 | 0 | 0 |
| | 2330 | 7 | 1011.2 | 1010.4 | .. | 27.0 | 25.5 | 24.9 | 31.5 | 89 | .. | 0.6 | .. | 15.5 | 0 | 9 | 21 | 02 | 0 | 0 | 0 | 0 | 2 | 4 | 22 | 1 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1009.5 | 1007.3 | .. | 22.5 | 21.0 | 20.2 | 23.5 | 87 | .. | 0.4 | .. | 8.9 | 0 | 0 | 27 | 02 | 1 | 0 | 2 | 6 | 8 | 5 | 3 | 4 | 0 |
| | 0830 | 20 | 1011.2 | 1008.9 | -0.5 | 26.2 | 22.7 | 20.7 | 24.7 | 73 | - 3 | 1.3 | -0.9 | 8.2 | 0 | 0 | 28 | 03 | 2 | 4 | 3 | 2 | 6 | 3 | 5 | 3 | 0 |
| | 1130 | 20 | 1011.6 | 1009.3 | .. | 33.1 | 23.5 | 17.5 | 21.0 | 43 | .. | 0.7 | .. | 14.7 | 0 | 4 | 27 | 07 | 12 | 2 | 0 | 0 | 0 | 4 | 5 | 0 | 1 |
| | 1730 | 20 | 1008.3 | 1006.1 | +0.7 | 33.1 | 23.7 | 17.8 | 21.6 | 44 | - 3 | 1.2 | -0.8 | 15.7 | 0 | 7 | 24 | 07 | 5 | 0 | 0 | 0 | 0 | 6 | 13 | 0 | 0 |
| | 2330 | 20 | 1010.5 | 1008.1 | .. | 25.6 | 23.0 | 21.5 | 25.9 | 79 | .. | 0.3 | .. | 12.5 | 0 | 0 | 30 | 03 | 0 | 0 | 1 | 3 | 5 | 10 | 8 | 1 | 0 |
| Dwarka | 0830 | 11 | 1011.4 | 1010.1 | -0.6 | 27.0 | .. | .. | .. | .. | .. | 0.8 | -1.1 | 10.3 | 0 | 2 | 27 | 17 | 1 | 0 | 0 | 0 | 0 | 6 | 5 | 2 | 0 |
| | 1730 | 11 | 1009.0 | 1007.7 | -0.1 | 29.5 | .. | .. | .. | .. | .. | 0.5 | -1.0 | 13.8 | 0 | 1 | 30 | 05 | 1 | 0 | 0 | 0 | 1 | 16 | 8 | 0 | 0 |
| Rajkot | 0530 | 138 | 1009.9 | 994.2 | .. | 23.0 | 19.9 | 17.9 | 20.8 | 74 | .. | 0.7 | .. | 4.3 | 0 | 1 | 11 | 00 | 4 | 0 | 0 | 1 | 3 | 2 | 2 | 19 | 0 |
| | 0830 | 138 | 1011.7 | 996.1 | +0.0 | 26.4 | 22.1 | 19.7 | 23.1 | 68 | - 2 | 0.5 | -1.3 | 8.1 | 0 | 2 | 23 | 04 | 5 | 1 | 0 | 0 | 5 | 0 | 10 | 6 | 0 |
| | 1130 | 138 | 1011.4 | 996.2 | .. | 34.4 | 24.7 | 19.7 | 23.2 | 43 | .. | 0.3 | .. | 15.9 | 0 | 10 | 20 | 06 | 12 | 8 | 0 | 0 | 0 | 1 | 2 | 1 | 1 |
| | 1430 | 138 | 1008.4 | 993.4 | .. | 37.2 | 25.7 | 19.8 | 23.5 | 37 | .. | 0.4 | .. | 12.6 | 0 | 9 | 18 | 07 | 7 | 3 | 1 | 0 | 1 | 0 | 3 | 4 | 5 |
| | 1730 | 138 | 1007.7 | 992.6 | +0.3 | 36.7 | 24.8 | 18.4 | 21.6 | 36 | + 5 | 0.3 | -2.0 | 15.6 | 0 | 7 | 23 | 04 | 12 | 6 | 0 | 1 | 0 | 1 | 6 | 1 | 0 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1011.7 | 1010.5 | +0.6 | 28.4 | 20.5 | 15.4 | 17.8 | 46 | -14 | 1.6 | -0.4 | 9.2 | 0 | 0 | 24 | 06 | 3 | 0 | 0 | 1 | 5 | 3 | 5 | 7 | 1 |
| | 1130 | 11 | 1011.9 | 1010.7 | .. | 33.9 | 22.7 | 15.9 | 18.5 | 36 | .. | 1.2 | .. | 16.4 | 0 | 10 | 21 | 03 | 13 | 8 | 6 | 0 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 11 | 1008.4 | 1007.2 | +0.0 | 35.7 | 21.3 | 11.2 | 13.6 | 24 | -10 | 2.1 | -2.2 | 14.0 | 0 | 6 | 24 | 00 | 7 | 8 | 9 | 6 | 0 | 0 | 0 | 1 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1011.6 | 1010.8 | +0.7 | 27.3 | 23.5 | 21.4 | 25.8 | 72 | - 8 | 1.6 | -0.2 | 7.9 | 0 | 1 | 29 | 05 | 5 | 0 | 6 | 1 | 2 | 1 | 10 | 1 | 0 |
| | 1130 | 7 | 1011.7 | 1010.9 | .. | 34.8 | 23.7 | 17.0 | 20.2 | 38 | .. | 0.6 | .. | 13.2 | 0 | 5 | 26 | 05 | 7 | 2 | 2 | 0 | 7 | 3 | 3 | 0 | 2 |
| | 1730 | 7 | 1008.5 | 1007.7 | +0.3 | 33.0 | 24.6 | 20.1 | 24.0 | 50 | -14 | 1.6 | -1.1 | 21.2 | 0 | 23 | 8 | 02 | 0 | 0 | 0 | 0 | 4 | 22 | 3 | 0 | 0 |
| Keshod | 0830 | 51 | 1011.2 | 1005.4 | -0.3 | 27.1 | 22.3 | 19.6 | 22.9 | 65 | - 8 | 1.5 | -0.3 | 10.9 | 0 | 2 | 27 | 04 | 19 | 3 | 0 | 1 | 0 | 1 | 1 | 2 | 0 |
| | 1130 | 51 | 1011.4 | 1005.7 | .. | 34.6 | 22.8 | 15.8 | 18.1 | 34 | .. | 1.0 | .. | 16.3 | 0 | 8 | 23 | 07 | 14 | 5 | 0 | 0 | 1 | 1 | 3 | 0 | 0 |
| | 1730 | 51 | 1007.8 | 1002.2 | -0.4 | 35.2 | 23.8 | 17.4 | 20.1 | 36 | - 8 | 1.9 | +0.1 | 20.5 | 0 | 19 | 11 | 01 | 1 | 0 | 1 | 2 | 12 | 11 | 2 | 1 | 0 |
| Mahuva | 0830 | 9 | 1010.8 | 1009.8 | .. | 26.3 | 20.6 | 17.0 | 19.6 | 58 | .. | 1.8 | .. | 1.5 | 0 | 0 | 21 | 08 | 4 | 3 | 2 | 0 | 0 | 1 | 3 | 10 | 0 |
| | 1730 | 9 | 1008.2 | 1007.2 | .. | 33.3 | 25.4 | 21.5 | 25.9 | 51 | .. | 2.5 | .. | 3.5 | 0 | 0 | 29 | 00 | 1 | 2 | 17 | 5 | 4 | 0 | 0 | 2 | 0 |
| Veraval | 0230 | 8 | 1009.4 | 1008.5 | .. | 25.7 | 23.2 | 21.8 | 26.3 | 80 | .. | 1.6 | .. | 10.5 | 0 | 2 | 28 | 19 | 4 | 1 | 1 | 0 | 0 | 2 | 3 | 1 | 0 |
| | 0530 | 8 | 1009.4 | 1008.5 | .. | 24.6 | 22.0 | 20.5 | 24.3 | 79 | .. | 1.4 | .. | 10.3 | 0 | 2 | 26 | 17 | 7 | 0 | 1 | 0 | 0 | 0 | 3 | 3 | 0 |
| | 0830 | 8 | 1011.4 | 1010.5 | -0.1 | 27.1 | 22.8 | 20.4 | 24.1 | 68 | + 0 | 2.0 | -0.2 | 9.5 | 0 | 0 | 28 | 10 | 10 | 3 | 1 | 1 | 0 | 0 | 3 | 3 | 0 |
| | 1130 | 8 | 1011.7 | 1010.8 | .. | 33.7 | 25.9 | 21.9 | 26.9 | 54 | .. | 1.6 | .. | 14.0 | 0 | 7 | 24 | 00 | 6 | 1 | 1 | 6 | 8 | 6 | 3 | 0 | 0 |
| | 1430 | 8 | 1009.2 | 1008.3 | .. | 32.4 | 28.0 | 26.2 | 34.2 | 70 | .. | 1.9 | .. | 20.3 | 0 | 20 | 11 | 00 | 0 | 0 | 0 | 0 | 4 | 16 | 9 | 2 | 0 |
| | 1730 | 8 | 1008.8 | 1007.9 | +0.6 | 30.9 | 27.6 | 26.3 | 34.2 | 77 | + 2 | 2.5 | +0.1 | 16.2 | 0 | 12 | 19 | 00 | 0 | 0 | 1 | 2 | 9 | 14 | 5 | 0 | 0 |
| | 2030 | 8 | 1010.5 | 1009.6 | .. | 29.3 | 26.8 | 25.7 | 33.0 | 81 | .. | 1.5 | .. | 11.1 | 0 | 4 | 25 | 01 | 0 | 0 | 0 | 1 | 8 | 10 | 9 | 2 | 0 |
| | 2330 | 8 | 1010.8 | 1009.9 | .. | 27.3 | 25.[illegible] | 23.9 | 29.7 | 82 | .. | 1.5 | .. | 10.6 | 0 | 3 | 25 | 11 | 4 | 0 | 1 | 0 | 0 | 3 | 9 | 3 | 0 |
| KONKAN (INCLUDING GOA) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1011.2 | 1010.7 | +0.9 | 26.0 | 22.7 | 20.7 | 24.9 | 77 | + 0 | . | .. | 6.4 | 0 | 0 | 31 | 00 | 2 | 19 | 8 | 0 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 5 | 1007.8 | 1007.3 | +0.3 | 30.9 | 26.7 | 24.6 | 31.5 | 71 | - 3 | . | .. | 12.5 | 0 | 1 | 30 | 05 | 0 | 2 | 0 | 1 | 8 | 3 | 12 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1009.0 | 1007.3 | +0.3 | 25.2 | 23.1 | 22.0 | 26.6 | 83 | + 9 | 2.1 | -0.6 | 4.1 | 0 | 0 | 16 | 00 | 3 | 8 | 2 | 2 | 0 | 0 | 1 | 15 | 0 |
| | 0530 | 14 | 1009.4 | 1007.7 | .. | 24.9 | 22.7 | 21.5 | 25.8 | 82 | .. | 2.7 | .. | 3.0 | 0 | 0 | 13 | 01 | 4 | 5 | 1 | 1 | 1 | 0 | 0 | 18 | 0 |
| | 0830 | 14 | 1011.4 | 1009.8 | +0.9 | 27.6 | 23.8 | 21.7 | 26.4 | 71 | - 4 | 3.6 | -0.2 | 3.4 | 0 | 0 | 21 | 00 | 7 | 11 | 2 | 0 | 0 | 1 | 0 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **KONKAN (INCLUDING GOA) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Santacruz) (Contd.) | 1130 | 14 | 1011.2 | 1009.6 | .. | 33.0 | 24.6 | 20.1 | 24.0 | 49 | .. | 2.9 | .. | 7.9 | 0 | 0 | 23 | 06 | 4 | 6 | 6 | 0 | 0 | 4 | 3 | 6 | 0 |
| | 1430 | 14 | 1008.3 | 1006.7 | .. | 33.9 | 25.2 | 20.7 | 25.0 | 49 | .. | 2.9 | .. | 11.6 | 0 | 3 | 25 | 01 | 4 | 0 | 0 | 0 | 1 | 6 | 14 | 3 | 0 |
| | 1730 | 14 | 1007.9 | 1006.3 | +0.3 | 31.1 | 25.1 | 22.2 | 26.9 | 60 | - 5 | 3.4 | -0.1 | 12.8 | 0 | 1 | 29 | 04 | 0 | 0 | 0 | 0 | 0 | 3 | 23 | 1 | 0 |
| | 2030 | 14 | 1009.8 | 1009.2 | .. | 28.6 | 25.0 | 23.4 | 28.8 | 74 | .. | 2.6 | .. | 5.0 | 0 | 0 | 19 | 09 | 2 | 2 | 2 | 0 | 0 | 1 | 3 | 12 | 0 |
| | 2330 | 14 | 1010.1 | 1008.4 | .. | 26.5 | 23.6 | 22.1 | 26.6 | 78 | .. | 2.6 | .. | 3.8 | 0 | 0 | 17 | 00 | 5 | 6 | 1 | 0 | 2 | 0 | 1 | 14 | 0 |
| Bombay | 0830 | 11 | 1011.3 | 1010.1 | +0.4 | 28.0 | 25.0 | 23.6 | 29.3 | 77 | - 3 | 3.2 | +0.0 | 6.9 | 0 | 0 | 31 | 00 | 5 | 19 | 6 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 11 | 1011.2 | 1010.0 | .. | 32.1 | 25.6 | 22.5 | 27.6 | 58 | .. | 2.2 | .. | 5.0 | 0 | 0 | 30 | 00 | 5 | 13 | 5 | 3 | 0 | 1 | 3 | 1 | 0 |
| | 1730 | 11 | 1007.9 | 1006.7 | -0.1 | 30.7 | 25.8 | 23.6 | 29.3 | 66 | - 6 | 3.2 | +0.4 | 11.4 | 0 | 2 | 29 | 02 | 1 | 0 | 0 | 0 | 1 | 6 | 1 | 0 | 0 |
| Alibag | 0830 | 7 | 1011.0 | 1010.2 | -0.2 | 27.3 | 25.1 | 24.1 | 30.0 | 83 | + 4 | 3.5 | +0.1 | 1.3 | 0 | 0 | 13 | 01 | 2 | 5 | 5 | 0 | 0 | 0 | 0 | 16 | 0 |
| Bhira | 0830 | 96 | 1010.6 | 999.8 | .. | 25.4 | 22.5 | 20.8 | 24.9 | 78 | .. | 2.3 | .. | 0.9 | 0 | 0 | 6 | 00 | 0 | 3 | 0 | 1 | 3 | 1 | 0 | 23 | 0 |
| | 1730 | 96 | 1006.5 | 996.0 | .. | 31.5 | 25.8 | 23.1 | 28.6 | 62 | .. | 3.5 | .. | 1.2 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 0 | 13 | 0 | 1 | 16 | 0 |
| Harnai | 0830 | 20 | 1011.1 | 1008.6 | +0.9 | 28.3 | 23.9 | 21.7 | 25.9 | 69 | - 6 | 3.7 | -0.7 | 6.9 | 0 | 3 | 23 | 07 | 3 | 5 | 6 | 4 | 1 | 0 | 0 | 5 | 0 |
| | 1730 | 20 | 1008.1 | 1005.8 | +0.6 | 29.9 | 26.1 | 24.4 | 30.7 | 73 | - 5 | 4.3 | -0.2 | 20.6 | 0 | 16 | 15 | 14 | 0 | 1 | 0 | 0 | 1 | 2 | 13 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1010.8 | 1006.8 | +0.4 | 26.6 | 23.9 | 22.4 | 27.6 | 79 | - 3 | 3.8 | -0.5 | 5.2 | 0 | 1 | 25 | 06 | 2 | 10 | 6 | 0 | 0 | 0 | 0 | 5 | 6 |
| | 1730 | 35 | 1007.8 | 1003.8 | +0.1 | 29.6 | 25.7 | 24.0 | 30.0 | 73 | - 3 | 3.8 | -0.7 | 8.3 | 0 | 1 | 28 | 00 | 1 | 2 | 1 | 0 | 1 | 12 | 11 | 2 | 1 |
| Devgarh | 0830 | 36 | 1010.8 | 1006.8 | +0.4 | 26.5 | 24.2 | 23.0 | 28.3 | 81 | - 4 | 3.5 | -1.2 | 6.3 | 0 | 0 | 30 | 01 | 7 | 19 | 3 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 36 | 1007.6 | 1003.6 | +0.1 | 30.2 | 26.3 | 24.7 | 31.1 | 73 | - 5 | 3.8 | -1.0 | 17.7 | 0 | 7 | 24 | 00 | 0 | 0 | 1 | 1 | 2 | 9 | 18 | 0 | 0 |
| Vengurla | 0230 | 9 | 1009.5 | 1008.5 | .. | 24.2 | 23.5 | 23.1 | 28.3 | 93 | .. | 2.8 | .. | 0.8 | 0 | 0 | 6 | 02 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 0530 | 9 | 1009.3 | 1008.3 | .. | 23.6 | 23.0 | 22.7 | 27.6 | 95 | .. | 2.6 | .. | 2.1 | 0 | 0 | 15 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 0830 | 9 | 1011.3 | 1010.3 | +0.5 | 25.6 | 23.9 | 23.1 | 28.3 | 86 | + 1 | 3.2 | -1.5 | 2.1 | 0 | 0 | 15 | 10 | 1 | 3 | 0 | 0 | 0 | 1 | 0 | 16 | 0 |
| | 1130 | 9 | 1011.0 | 1010.0 | .. | 30.7 | 25.3 | 22.7 | 27.7 | 64 | .. | 3.5 | .. | 4.4 | 0 | 0 | 25 | 01 | 2 | 5 | 1 | 5 | 6 | 4 | 1 | 6 | 0 |
| | 1730 | 9 | 1008.1 | 1007.1 | +0.2 | 29.2 | 25.6 | 24.0 | 29.8 | 74 | - 2 | 4.5 | -0.8 | 5.7 | 0 | 0 | 29 | 02 | 1 | 0 | 1 | 2 | 4 | 16 | 3 | 2 | 0 |
| | 2330 | 9 | 1010.5 | 1009.5 | .. | 25.0 | 24.1 | 23.6 | 29.3 | 92 | .. | 3.0 | .. | 2.5 | 0 | 0 | 16 | 07 | 4 | 0 | 3 | 0 | 0 | 0 | 2 | 15 | 0 |
| Panjim. | 0530 | 60 | 1008.4 | 1002.0 | .. | 24.6 | 23.5 | 23.0 | 27.9 | 91 | .. | 4.0 | .. | 6.1 | 0 | 0 | 30 | 02 | 3 | 17 | 5 | 0 | 1 | 0 | 2 | 1 | 0 |
| | 0830 | 60 | 1010.4 | 1004.0 | .. | 25.5 | 23.7 | 22.7 | 27.7 | 85 | .. | 5.4 | .. | 6.0 | 0 | 0 | 28 | 01 | 9 | 15 | 3 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1130 | 60 | 1010.3 | 1004.0 | .. | 30.3 | 24.7 | 21.9 | 26.6 | 62 | .. | 5.0 | .. | 6.8 | 0 | 0 | 26 | 00 | 7 | 7 | 4 | 1 | 1 | 5 | 3 | 3 | 0 |
| | 1430 | 60 | 1007.3 | 1001.1 | .. | 31.4 | 25.5 | 22.7 | 27.9 | 62 | .. | 4.4 | .. | 11.7 | 0 | 1 | 30 | 00 | 0 | 1 | 4 | 1 | 3 | 19 | 3 | 0 | 0 |
| | 1730 | 60 | 1007.2 | 1000.9 | .. | 29.1 | 25.0 | 23.1 | 28.3 | 71 | .. | 5.3 | .. | 11.5 | 0 | 3 | 28 | 01 | 2 | 2 | 1 | 0 | 1 | 16 | 8 | 0 | 0 |
| | 2030 | 60 | 1009.5 | 1003.1 | .. | 26.9 | 24.7 | 23.7 | 29.3 | 83 | .. | 4.3 | .. | 6.8 | 0 | 0 | 21 | 05 | 5 | 4 | 3 | 0 | 2 | 4 | 8 | 0 | 0 |
| | 2330 | 60 | 1009.9 | 1003.5 | .. | 25.9 | 24.4 | 23.6 | 29.3 | 87 | .. | 4.4 | .. | 6.4 | 0 | 0 | 30 | 07 | 8 | 8 | 3 | 1 | 0 | 1 | 4 | 1 | 0 |
| Mormugao | 0530 | 62 | 1008.1 | 1001.2 | .. | 25.6 | 24.3 | 23.6 | 29.3 | 89 | .. | 3.8 | .. | 11.2 | 0 | 3 | 27 | 00 | 10 | 4 | 10 | 2 | 1 | 1 | 2 | 0 | 1 |
| | 0830 | 62 | 1010.0 | 1003.1 | -0.7 | 27.1 | 24.8 | 23.7 | 29.3 | 82 | + 0 | 4.6 | +0.2 | 9.1 | 0 | 0 | 30 | 00 | 13 | 6 | 5 | 3 | 1 | 1 | 1 | 1 | 0 |
| | 1130 | 62 | 1009.9 | 1003.0 | .. | 29.8 | 25.7 | 23.7 | 29.7 | 71 | .. | 4.7 | .. | 11.5 | 0 | 3 | 27 | 01 | 10 | 2 | 2 | 4 | 6 | 2 | 3 | 1 | 0 |
| | 1730 | 62 | 1006.7 | 999.9 | -1.0 | 28.8 | 25.7 | 24.3 | 30.4 | 77 | - 1 | 4.8 | +0.1 | 12.2 | 0 | 3 | 28 | 00 | 2 | 1 | 2 | 2 | 6 | 12 | 6 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1009.1 | 1003.2 | .. | 24.9 | 23.6 | 23.0 | 27.9 | 89 | .. | 4.5 | .. | .. | 0 | E 0 | 12 | 00 | 2 | 6 | 3 | 0 | 0 | 1 | 0 | 19 | 0 |
| | 0830 | 52 | 1011.1 | 1005.2 | .. | 26.6 | 24.0 | 22.7 | 27.7 | 80 | .. | 4.7 | .. | .. | 0 | E 0 | 19 | 00 | 6 | 6 | 3 | 0 | 1 | 0 | 1 | 12 | 0 |
| | 1130 | 52 | 1010.8 | 1005.1 | .. | 30.2 | 24.8 | 22.2 | 26.9 | 64 | .. | 4.8 | .. | .. | 0 | E 2 | 25 | 01 | 3 | 1 | 6 | 2 | 6 | 4 | 2 | 4 | 0 |
| | 1730 | 52 | 1007.7 | 1002.0 | .. | 29.0 | 24.8 | 22.8 | 27.9 | 70 | .. | 5.0 | .. | .. | 0 | E 2 | 27 | 03 | 0 | 0 | 0 | 1 | 2 | 10 | 13 | 2 | 0 |
| | 2330 | 52 | 1010.3 | 1004.5 | .. | 26.5 | 24.8 | 24.0 | 30.0 | 86 | .. | 4.8 | .. | .. | 0 | E 0 | 11 | 04 | 3 | 1 | 1 | 0 | 0 | 2 | 0 | 26 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1012.2 | 989.0 | +0.5 | 27.7 | 19.6 | 13.9 | 16.2 | 45 | -17 | 0.0 | -1.8 | 5.7 | 0 | 1 | 30 | 02 | 4 | 14 | 1 | 1 | 4 | 2 | 3 | 0 | 0 |
| | 1730 | 206 | 1007.6 | 985.1 | +0.3 | 35.4 | 20.8 | 10.4 | 12.7 | 24 | -21 | 0.0 | -2.4 | 4.7 | 0 | 0 | 28 | 03 | 1 | 12 | 0 | 0 | 3 | 3 | 6 | 3 | 0 |
| Jalgaon | 0830 | 201 | 1012.1 | 989.2 | +0.4 | 25.1 | 18.3 | 13.4 | 15.5 | 49 | -21 | 1.7 | -0.5 | 5.7 | 0 | 0 | 25 | 00 | 6 | 8 | 5 | 4 | 0 | 1 | 1 | 6 | 0 |
| | 1730 | 201 | 1007.4 | 985.3 | +0.8 | 34.5 | 21.2 | 12.1 | 14.3 | 26 | -13 | 2.9 | +0.2 | 8.4 | 0 | 0 | 29 | 06 | 7 | 9 | 3 | 0 | 1 | 2 | 1 | 2 | 0 |
| Malegaon | 0830 | 437 | 1012.6 | 963.7 | +1.0 | 24.6 | 17.4 | 11.6 | 14.0 | 45 | -20 | 2.4 | -0.1 | 4.0 | 0 | 0 | 30 | 04 | 0 | 0 | 0 | 1 | 6 | 10 | 9 | 1 | 0 |
| | 1730 | 437 | 1007.0 | 959.8 | +0.6 | 33.8 | 19.2 | 11.9 | 10.4 | 20 | -20 | 3.8 | +0.1 | 9.9 | 0 | 2 | 29 | 02 | 14 | 7 | 4 | 0 | 0 | 0 | 4 | 0 | 0 |
| Ozar | 0530 | 608 | 1011.4 | 943.0 | .. | 18.8 | 15.7 | 13.4 | 15.6 | 71 | .. | 1.9 | .. | 3.9* | 0 | 0 | 15 | 04 | 0 | 0 | 0 | 0 | 1 | 7 | 3 | 15 | 0 |
| | 0830 | 608 | 1012.1 | 945.0 | .. | 25.0 | 19.2 | 15.5 | 18.1 | 57 | .. | 2.2 | .. | 4.5 | 0 | 0 | 18 | 04 | 4 | 6 | 1 | 1 | 1 | 0 | 1 | 13 | 0 |
| | 1130 | 608 | 1010.1 | 944.5 | .. | 32.0 | 21.6 | 15.7 | 18.2 | 39 | .. | 2.0 | .. | 15.2 | 0 | 14 | 14 | 01 | 2 | 6 | 15 | 3 | 1 | 0 | 0 | 3 | 0 |
| | 1430 | 608 | 1006.6 | 941.7 | .. | 33.8 | 21.9 | 15.0 | 17.5 | 34 | .. | 3.3 | .. | 18.1 | 0 | 12 | 17 | 03 | 7 | 10 | 6 | 1 | 1 | 1 | 0 | 2 | 0 |
| | 1730 | 608 | 1006.8 | 941.4 | .. | 31.8 | 21.1 | 14.7 | 17.1 | 37 | .. | 3.5 | .. | 17.8 | 0 | 11 | 20 | 01 | 9 | 6 | 5 | 0 | 0 | 2 | 8 | 0 | 0 |
| Ahmadnagar | 0830 | 657 | 1012.2 | 939.9 | +1.3 | 25.4 | 18.2 | 13.3 | 15.7 | 47 | -21 | 3.7 | +0.5 | 4.6 | 0 | 1 | 19 | 01 | 1 | 0 | 7 | 2 | 4 | 0 | 5 | 11 | 0 |
| | 1730 | 657 | 1006.1 | 936.0 | +0.7 | 32.6 | 19.6 | 11.2 | 13.3 | 27 | -20 | 4.5 | +0.4 | 10.7 | 0 | 2 | 29 | 00 | 16 | 0 | 14 | 0 | 0 | 0 | 1 | 0 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1010.0 | 943.9 | .. | 22.1 | 19.0 | 16.9 | 19.6 | 74 | .. | 2.1 | .. | 6.2 | 0 | 0 | 16 | 00 | 2 | 5 | 0 | 1 | 1 | 7 | 0 | 15 | 0 |
| | 0530 | 593 | 1010.5 | 944.0 | .. | 20.5 | 17.8 | 16.1 | 18.4 | 75 | .. | 1.7 | .. | 6.4 | 0 | 0 | 18 | 01 | 5 | 3 | 0 | 0 | 2 | 7 | 0 | 13 | 0 |
| | 0830 | 593 | 1012.1 | 946.1 | .. | 23.3 | 19.3 | 17.0 | 19.5 | 67 | .. | 3.1 | .. | 5.8 | 0 | 2 | 13 | 00 | 3 | 6 | 0 | 0 | 0 | 6 | 0 | 16 | 0 |
| | 1130 | 593 | 1010.0 | 945.7 | .. | 30.7 | 20.3 | 13.2 | 16.2 | 37 | .. | 2.6 | .. | 14.8 | 0 | 8 | 16 | 01 | 8 | 13 | 2 | 0 | 0 | 0 | 1 | 5 | 1 |
| | 1730 | 593 | 1006.1 | 942.2 | .. | 31.4 | 19.6 | 11.4 | 14.2 | 33 | .. | 4.1 | .. | 17.7 | 0 | 11 | 17 | 00 | 6 | 10 | 4 | 0 | 1 | 6 | 1 | 3 | 0 |
| | 2330 | 593 | 1010.7 | 944.9 | .. | 23.5 | 19.2 | 16.3 | 19.0 | 67 | .. | 2.2 | .. | 7.9 | 0 | 0 | 23 | 00 | 1 | 4 | 0 | 0 | 2 | 15 | 1 | 8 | 0 |
| Poona | 0530 | 559 | 1011.3 | 948.2 | .. | 19.0 | 17.4 | 16.3 | 18.6 | 85 | .. | 1.5 | .. | 0.3 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level of ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **MADHYA MAHARASHTRA** (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poona (Contd.) | 0830 | 559 | 1012.3 | 950.1 | +0.8 | 23.7 | 19.6 | 17.2 | 19.7 | 58 | - 6 | 3.1 | -0.3 | 0.8 | 0 | 0 | 4 | 00 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1130 | 559 | 1010.2 | 949.4 | .. | 30.6 | 20.5 | 14.4 | 16.7 | 39 | .. | 3.1 | .. | 6.5 | 0 | 0 | 25 | 00 | 2 | 15 | 6 | 0 | 0 | 0 | 1 | 6 | 0 |
| | 1430 | 559 | 1006.4 | 946.3 | .. | 32.9 | 19.8 | 11.0 | 13.5 | 27 | .. | 4.5 | .. | 7.6 | 0 | 0 | 27 | 01 | 7 | 13 | 5 | 0 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | 559 | 1006.5 | 946.0 | +0.2 | 30.9 | 19.9 | 12.6 | 15.2 | 37 | -17 | 4.8 | +0.4 | 6.2 | 0 | 1 | 23 | 01 | 2 | 10 | 4 | 0 | 0 | 6 | 1 | 7 | 0 |
| | 2030 | 559 | 1010.2 | 948.4 | .. | 25.2 | 19.6 | 16.2 | 18.6 | 59 | .. | 3.1 | .. | 2.1 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 21 | 0 |
| | 2330 | 559 | 1011.3 | 948.8 | .. | 22.1 | 18.7 | 16.6 | 19.0 | 72 | .. | 2.3 | .. | 0.2 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Jeur | 0830 | 521 | 1011.8 | 953.9 | +1.3 | 24.9 | 19.1 | 15.7 | 17.8 | 56 | -15 | 3.1 | -0.4 | 3.0 | 0 | 0 | 25 | 09 | 4 | 4 | 2 | 1 | 2 | 1 | 2 | 6 | 0 |
| | 1730 | 521 | 1005.5 | 949.3 | +0.4 | 32.5 | 19.8 | 11.1 | 13.7 | 29 | -19 | 4.1 | -0.4 | 12.6 | 0 | 2 | 29 | 03 | 7 | 16 | 3 | 0 | 1 | 1 | 0 | 0 | 0 |
| Baramati | 0830 | 551 | 1012.1 | 951.0 | +1.2 | 24.7 | 20.0 | 17.1 | 20.0 | 64 | - 8 | 1.1 | -2.4 | 7.7 | 0 | 0 | 30 | 03 | 2 | 11 | 5 | 4 | 1 | 1 | 5 | 1 | 0 |
| | 1730 | 551 | 1006.2 | 946.9 | +0.8 | 32.3 | 20.9 | 14.0 | 16.3 | 35 | -12 | 3.5 | -0.9 | 10.8 | 0 | 1 | 30 | 00 | 8 | 12 | 7 | 2 | 0 | 0 | 2 | 0 | 0 |
| Sholapur | 0530 | 479 | 1010.8 | 956.9 | .. | 21.6 | 17.8 | 15.3 | 17.6 | 68 | .. | 2.2 | .. | 2.9 | 0 | 0 | 19 | 02 | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 0830 | 479 | 1012.0 | 958.9 | +1.1 | 26.2 | 20.0 | 16.3 | 18.9 | 56 | -12 | 2.1 | -1.4 | 6.4 | 0 | 0 | 28 | 01 | 14 | 1 | 11 | 0 | 1 | 0 | 0 | 3 | 0 |
| | 1130 | 479 | 1010.4 | 958.2 | .. | 31.5 | 21.0 | 14.7 | 17.1 | 37 | .. | 3.2 | .. | 9.7 | 0 | 4 | 25 | 00 | 7 | 4 | 14 | 1 | 2 | 1 | 0 | 2 | 0 |
| | 1430 | 479 | 1006.7 | 955.1 | .. | 33.6 | 20.4 | 11.8 | 14.3 | 28 | .. | 4.3 | .. | 12.9 | 0 | 3 | 28 | 03 | 10 | 12 | 5 | 1 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 479 | 1006.4 | 954.6 | +0.6 | 32.3 | 19.8 | 11.6 | 13.9 | 29 | -17 | 3.6 | -0.9 | 6.9 | 0 | 0 | 31 | 04 | 6 | 17 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 479 | 1010.7 | 957.5 | .. | 25.4 | 18.1 | 13.1 | 15.5 | 47 | .. | 2.3 | .. | 6.0 | 0 | 0 | 28 | 01 | 5 | 14 | 9 | 1 | 0 | 0 | 0 | 3 | 0 |
| Miraj | 0830 | 554 | 1012.1 | 950.6 | +1.0 | 23.6 | 19.6 | 17.2 | 20.0 | 71 | - 5 | 4.8 | +0.8 | .. | 0 | E 1 | 10 | 00 | 0 | 5 | 3 | 0 | 1 | 0 | 2 | 20 | 0 |
| | 1730 | 554 | 1006.7 | 946.8 | +0.8 | 30.5 | 20.6 | 14.3 | 16.9 | 39 | -13 | 5.0 | +0.1 | .. | 0 | E 1 | 19 | 01 | 1 | 16 | 1 | 1 | 0 | 0 | 0 | 11 | 0 |
| Kolhapur | 0530 | 570 | 1010.3 | 946.4 | .. | 20.4 | 19.1 | 18.3 | 21.1 | 88 | .. | 2.9 | .. | 0.8 | 0 | 0 | 5 | 00 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 0830 | 570 | 1011.4 | 948.1 | +0.7 | 23.3 | 20.1 | 18.2 | 21.1 | 74 | - 7 | 3.4 | -1.2 | 1.8 | 0 | 0 | 10 | 00 | 0 | 9 | 0 | 0 | 0 | 1 | 0 | 21 | 0 |
| | 1130 | 570 | 1009.8 | 947.8 | .. | 29.4 | 21.5 | 17.1 | 19.9 | 49 | .. | 2.9 | .. | 6.1 | 0 | 0 | 22 | 01 | 1 | 20 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1730 | 570 | 1006.5 | 944.8 | +0.7 | 29.7 | 21.3 | 16.4 | 19.3 | 47 | -14 | 4.2 | -1.0 | 5.2 | 0 | 0 | 25 | 00 | 2 | 12 | 4 | 0 | 1 | 1 | 4 | 6 | 1 |
| | 2330 | 570 | 1010.4 | 947.1 | .. | 23.2 | 20.5 | 18.9 | 22.1 | 78 | .. | 2.8 | .. | 2.2 | 0 | 0 | 14 | 00 | 0 | 12 | 0 | 0 | 0 | 2 | 0 | 17 | 0 |
| Udgiri | 0830 | | .. | .. | .. | 23.0 | 18.2 | 15.2 | 17.4 | 63 | .. | 1.7 | .. | 14.4 | 0 | 8 | 23 | 01 | 5 | 19 | 4 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | | .. | .. | .. | 24.4 | 20.1 | 17.5 | 20.4 | 69 | .. | 2.8 | .. | 6.5 | 0 | 0 | 31 | 04 | 0 | 12 | 3 | 3 | 3 | 6 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1012.3 | 948.3 | +0.9 | 26.4 | 18.3 | 12.7 | 15.0 | 44 | -20 | 2.1 | -0.7 | 1.5 | 0 | 0 | 7 | 01 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 1730 | 581 | 1007.1 | 944.6 | +0.5 | 32.1 | 18.4 | 8.2 | 11.2 | 23 | -23 | 3.7 | -0.3 | 7.7 | 0 | 0 | 30 | 03 | 11 | 11 | 3 | 0 | 0 | 1 | 1 | 1 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1011.0 | 945.7 | .. | 19.3 | 13.5 | 8.2 | 11.2 | 50 | .. | 1.5 | .. | 0.7 | 0 | 0 | 3 | 03 | [illegible] | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0530 | 579 | 1011.8 | 946.2 | .. | 17.6 | 12.9 | 8.9 | 11.5 | 57 | .. | 2.2 | .. | 0.9 | 0 | 0 | 4 | 01 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 27 | 0 |
| | 0830 | 579 | 1011.8 | 948.1 | +1.3 | 26.6 | 17.6 | 10.8 | 13.6 | 39 | -22 | 2.1 | -0.8 | 3.5 | 0 | 0 | 14 | 01 | 2 | 5 | 4 | 0 | 0 | 0 | 2 | 17 | 0 |
| | 1130 | 579 | 1010.2 | 947.6 | .. | 31.8 | 18.6 | 9.0 | 11.8 | 25 | .. | 2.3 | .. | 16.5 | 0 | 9 | 22 | 01 | 6 | 12 | 4 | 5 | 2 | 0 | 1 | 0 | 0 |
| | 1430 | 579 | 1006.6 | 944.5 | .. | 33.8 | 18.3 | 6.0 | 9.7 | 19 | .. | 3.3 | .. | 14.9 | 0 | 5 | 26 | 03 | 12 | 9 | 5 | 1 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 579 | 1006.7 | 944.3 | +0.8 | 31.9 | 17.9 | 6.8 | 10.3 | 22 | -24 | 3.5 | -0.7 | 12.7 | 0 | 1 | 29 | 02 | 13 | 10 | 3 | 0 | 0 | 1 | 1 | 1 | 0 |
| | 2030 | 579 | 1010.3 | 946.3 | .. | 25.1 | 15.8 | 8.2 | 11.2 | 35 | .. | 2.1 | .. | 2.8 | 0 | 0 | 9 | 02 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 2330 | 579 | 1011.6 | 946.7 | .. | 21.2 | 14.3 | 8.4 | 11.2 | 45 | .. | 1.5 | .. | 1.9 | 0 | 0 | 6 | 00 | 1 | 4 | 0 | 0 | 0 | 0 | 1 | 25 | 0 |
| Parbhani | 0830 | 423 | 1012.8 | 965.4 | +1.5 | 24.9 | 18.8 | 14.6 | 16.7 | 53 | -15 | 2.1 | -1.2 | 3.7 | 0 | 0 | 22 | 04 | 4 | 3 | 3 | 1 | 0 | 5 | 2 | 9 | 0 |
| | 1730 | 423 | 1007.5 | 961.5 | +1.2 | 32.5 | 19.8 | 10.2 | 12.4 | 26 | -23 | 3.2 | -0.7 | 10.9 | 0 | 0 | 31 | 03 | 10 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nander | 0830 | 358 | 1012.2 | 972.0 | .. | 26.0 | 20.6 | 17.3 | 20.2 | 60 | .. | 0.0 | .. | 1.8 | 0 | 0 | 11 | 00 | 6 | 0 | 1 | 0 | 2 | 2 | 0 | 20 | 0 |
| | 1730 | 358 | 1007.7 | 968.6 | .. | 32.5 | 21.5 | 14.7 | 16.7 | 36 | .. | 0.0 | .. | 5.3 | 0 | 0 | 28 | 00 | 15 | 0 | 9 | 0 | 1 | 3 | 0 | 3 | 0 |
| Bir | 0830 | 519 | 1012.9 | 955.1 | .. | 25.0 | 19.5 | 16.1 | 18.3 | 59 | .. | 1.4 | .. | 2.4 | 0 | 0 | 17 | 00 | 5 | 0 | 8 | 0 | 3 | 0 | 1 | 14 | 0 |
| | 1730 | 519 | 1007.1 | 951.2 | .. | 32.2 | 19.8 | 11.8 | 14.0 | 31 | .. | 2.0 | .. | 7.9 | 0 | 1 | 29 | 00 | 25 | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1012.8 | 977.6 | +1.8 | 25.5 | 20.8 | 18.0 | 20.8 | 63 | -14 | 1.4 | -2.1 | 1.6 | 0 | 0 | 20 | 03 | 5 | 2 | 2 | 6 | 2 | 0 | 0 | 11 | 0 |
| | 1730 | 313 | 1008.0 | 973.7 | +1.2 | 31.1 | 22.0 | 16.5 | 19.1 | 42 | -17 | 1.4 | -2.5 | 1.2 | 0 | 0 | 14 | 05 | 0 | 0 | 0 | 5 | 3 | 0 | 1 | 17 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1009.8 | 974.7 | .. | 21.5 | 17.7 | 14.9 | 17.0 | 66 | .. | 1.5 | .. | 1.7 | 0 | 0 | 17 | 05 | 0 | 0 | 0 | 0 | 1 | 2 | 9 | 14 | 0 |
| | 0530 | 310 | 1011.0 | 975.5 | .. | 20.2 | 17.1 | 14.9 | 16.9 | 72 | .. | 2.1 | .. | 1.8 | 0 | 0 | 17 | 06 | 0 | 2 | 0 | 0 | 1 | 0 | 8 | 14 | 0 |
| | 0830 | 310 | 1012.5 | 977.6 | +1.5 | 26.1 | 19.4 | 14.9 | 17.1 | 50 | -21 | 2.0 | -1.5 | 2.6 | [illegible] | 0 | 19 | 08 | 2 | 3 | 2 | 0 | 0 | 1 | 3 | 12 | 0 |
| | 1130 | 310 | 1010.8 | 976.8 | .. | 32.4 | 21.5 | 14.5 | 16.7 | 35 | .. | 1.9 | .. | 5.7 | 0 | 1 | 26 | 04 | 3 | 3 | 2 | 3 | 5 | 4 | 3 | 4 | 0 |
| | 1430 | 310 | 1007.5 | 973.7 | .. | 34.0 | 21.1 | 12.1 | 14.5 | 27 | .. | 2.9 | .. | 6.9 | 0 | 2 | 26 | 06 | 8 | 2 | 3 | 3 | 0 | 1 | 5 | 3 | 0 |
| | 1730 | 310 | 1007.7 | 973.6 | +1.0 | 31.2 | 20.4 | 12.9 | 15.2 | 33 | -21 | 3.3 | -0.8 | 3.8 | 0 | 0 | 25 | 02 | 7 | 8 | 2 | 3 | 2 | 0 | 1 | 6 | 0 |
| | 2030 | 310 | 1010.5 | 975.6 | .. | 25.4 | 18.7 | 14.0 | 16.1 | 50 | .. | 1.4 | .. | 2.3 | 0 | 0 | 18 | 02 | 3 | 4 | 3 | 4 | 1 | 0 | 1 | 13 | 0 |
| | 2330 | 310 | 1010.9 | 975.8 | .. | 23.6 | 18.3 | 14.5 | 16.7 | 57 | .. | 1.6 | .. | 2.8 | 0 | 0 | 21 | 02 | 1 | 0 | 0 | 0 | 4 | 6 | 8 | 10 | 0 |
| Amraoti | 0830 | 370 | 1012.1 | 971.0 | +1.2 | 27.5 | 18.6 | 12.0 | 14.2 | 39 | -21 | 1.5 | -1.4 | 2.6 | 0 | 0 | 28 | 02 | 9 | 6 | 2 | 2 | 3 | 2 | 2 | 3 | 0 |
| | 1730 | 370 | 1007.4 | 967.1 | +1.2 | 33.4 | 19.2 | 7.3 | 10.7 | 21 | -24 | 2.2 | -2.1 | 3.3 | 0 | 0 | 31 | 04 | 5 | 7 | 7 | 2 | 2 | 0 | 4 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1010.2 | 974.9 | .. | 20.8 | 15.5 | 11.1 | 13.3 | 54 | .. | 2.0 | .. | 6.6 | 0 | 0 | 30 | 00 | 5 | 5 | 6 | 5 | 3 | 3 | 3 | 1 | 0 |
| | 0830 | 309 | 1011.7 | 976.9 | .. | 25.5 | 18.3 | 12.8 | 15.3 | 46 | .. | 2.5 | .. | 5.7 | 0 | 0 | 30 | 03 | 5 | 5 | 6 | 5 | 3 | 2 | 1 | 1 | 0 |
| | 1130 | 309 | 1010.6 | 976.6 | .. | 32.6 | 20.8 | 12.7 | 15.0 | 30 | .. | 2.4 | .. | 6.7 | 0 | 0 | 31 | 03 | 9 | 2 | 2 | 3 | 6 | 2 | 4 | 0 | 0 |
| | 1430 | 309 | 1007.0 | 973.4 | .. | 35.3 | 20.3 | 8.8 | 11.6 | 20 | .. | 3.2 | .. | 7.9 | 0 | 0 | 31 | 03 | 9 | 4 | 5 | 1 | 2 | 0 | 7 | 0 | 0 |
| | 1730 | 309 | 1006.7 | 973.0 | .. | 33.9 | 19.8 | 8.9 | 11.6 | 22 | .. | 3.1 | .. | 7.1 | 0 | 0 | 31 | 04 | 13 | 3 | 4 | 0 | 1 | 1 | 5 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **VIDARBHA (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Akola (Aerodrome) (Contd.) | 2030 | 309 | 1009.2 | 974.8 | .. | 28.2 | 18.0 | 9.8 | 12.3 | 32 | .. | 2.1 | .. | 6.9 | 0 | 0 | 31 | 06 | 8 | 5 | 8 | 1 | 1 | 0 | 2 | 0 | 0 |
| | 2330 | 309 | 1010.0 | 975.2 | .. | 24.9 | 16.9 | 10.3 | 12.8 | 40 | .. | 1.2 | .. | 7.6 | 0 | 0 | 31 | 04 | 7 | 5 | 4 | 6 | 4 | 1 | 0 | 0 | 0 |
| Akola | 0830 | 282 | 1012.3 | 980.5 | +1.1 | 24.6 | 18.0 | 13.2 | 15.3 | 50 | -16 | 1.6 | -1.1 | 0.3 | 0 | 0 | 4 | 00 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 282 | 1006.8 | 976.2 | +0.5 | 35.0 | 20.3 | 9.2 | 11.9 | 21 | -20 | 3.3 | +0.1 | 1.6 | 0 | 0 | 22 | 00 | 15 | 2 | 3 | 0 | 0 | 0 | 2 | 9 | 0 |
| Bramhapuri | 0830 | 229 | 1012.7 | 986.7 | +1.1 | 24.2 | 21.3 | 19.6 | 22.9 | 76 | - 4 | 2.4 | -1.4 | 3.7 | 0 | 0 | 25 | 05 | 3 | 2 | 8 | 5 | 1 | 0 | 1 | 6 | 0 |
| | 1730 | 229 | 1008.4 | 983.1 | +1.0 | 31.8 | 22.3 | 16.5 | 19.1 | 42 | -16 | 2.5 | -1.3 | 5.4 | 0 | 0 | 29 | 08 | 7 | 2 | 2 | 5 | 3 | 0 | 2 | 2 | 0 |
| Buldana | 0830 | 650 | 1011.6 | 940.1 | +1.5 | 25.4 | 17.8 | 12.6 | 14.9 | 47 | -20 | 1.6 | -1.8 | 6.2 | 0 | 0 | 25 | 00 | 0 | 4 | 2 | 9 | 7 | 0 | 3 | 6 | 0 |
| | 1730 | 650 | 1006.9 | 937.0 | +1.3 | 31.0 | 18.5 | 9.4 | 12.1 | 26 | -23 | 3.4 | -0.2 | 4.1 | 0 | 0 | 30 | 08 | 11 | 2 | 4 | 0 | 0 | 0 | 5 | 1 | 0 |
| Yeotmal | 0830 | 451 | 1011.9 | 961.8 | +1.5 | 26.7 | 19.6 | 14.6 | 17.0 | 49 | -19 | 2.6 | -0.9 | 4.7 | 0 | 0 | 26 | 02 | 7 | 4 | 2 | 3 | 6 | 2 | 0 | 5 | 0 |
| | 1730 | 451 | 1007.3 | 958.2 | +1.0 | 31.6 | 19.8 | 11.1 | 13.5 | 29 | -26 | 3.5 | -0.4 | 5.9 | 0 | 0 | 30 | 05 | 12 | 7 | 2 | 1 | 2 | 0 | 1 | 1 | 0 |
| Chandrapur | 0830 | 193 | 1012.1 | 990.2 | +0.9 | 25.1 | 21.4 | 19.3 | 22.4 | 71 | - 5 | 2.1 | -0.9 | 3.3 | 0 | 0 | 27 | 02 | 6 | 7 | 2 | 4 | 2 | 1 | 3 | 4 | 0 |
| | 1730 | 193 | 1007.8 | 986.4 | +0.7 | 31.5 | 23.0 | 18.1 | 21.0 | 46 | -18 | 3.2 | -0.3 | 3.0 | 0 | 0 | 30 | 00 | 12 | 16 | [illegible] | 0 | 0 | 0 | 0 | 1 | 0 |
| Pusad | 0830 | 334 | 1013.1 | 975.3 | .. | 24.0 | 19.4 | 16.4 | 18.8 | 63 | .. | 1.7 | .. | 5.8 | 0 | 0 | 26 | 07 | 1 | 2 | [illegible] | 0 | 0 | 4 | 11 | 5 | 0 |
| | 1730 | 334 | 1008.4 | 972.0 | .. | 33.4 | 21.8 | 14.3 | 16.6 | 33 | .. | 3.4 | .. | 5.0 | 0 | 0 | 29 | 00 | 16 | 3 | 7 | 0 | 0 | 2 | 1 | 2 | 0 |
| Sironcha | 0830 | 123 | 1012.8 | 998.7 | +2.0 | 26.3 | 23.0 | 21.2 | 25.3 | 75 | - 6 | 2.7 | -1.2 | 1.7 | 0 | 0 | 21 | 01 | 5 | 0 | 15 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1730 | 123 | 1008.6 | 994.8 | +1.7 | 30.7 | 23.7 | 19.9 | 23.5 | 55 | - 8 | 3.3 | -1.0 | 1.4 | 0 | 0 | 19 | 01 | 8 | 2 | 5 | 1 | 0 | 0 | 2 | 12 | 0 |
| Wardha | 0830 | 283 | 1012.1 | 980.3 | .. | 26.5 | 19.7 | 15.0 | 17.4 | 50 | .. | 2.2 | .. | 4.1 | 0 | 0 | 30 | 06 | 11 | 2 | 5 | 1 | 0 | 1 | 4 | 1 | 0 |
| | 1730 | 283 | 1008.2 | 977.1 | .. | 32.7 | 20.6 | 12.2 | 14.4 | 29 | .. | 2.8 | .. | 4.4 | 0 | 0 | 29 | 02 | 11 | 4 | 4 | 3 | 2 | 2 | 1 | 2 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 26.0 | 20.8 | 17.7 | 20.4 | 61 | .. | . | .. | 2.8 | 0 | 0 | 28 | 03 | 9 | 0 | 3 | 3 | 5 | 0 | 3 | 3 | 2 |
| | 1730 | | .. | .. | .. | 32.7 | 21.3 | 14.1 | 16.1 | 33 | .. | . | .. | 5.3 | 0 | 0 | 29 | 00 | 7 | 8 | 9 | 3 | 2 | 0 | 0 | 2 | 0 |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1012.1 | 1011.4 | +1.7 | 27.1 | 24.6 | 23.5 | 28.9 | 81 | - 2 | 1.5 | -3.4 | 5.2[b] | 0 | 0 | 29 | 09 | 1 | 0 | 2 | 1 | 1 | 1 | 9 | 0 | 5 |
| | 1730 | 6 | 1009.0 | 1008.4 | +1.5 | 27.9 | 24.8 | 23.3 | 28.6 | 78 | + 3 | 2.0 | -3.7 | 7.1[c] | 0 | 2 | 26 | 03 | 1 | 0 | 5 | 7 | 3 | 0 | 1 | 0 | 8 |
| Vishakhapatnam | 0230 | 3 | 1009.8 | 1009.4 | .. | 24.7 | 23.5 | 22.9 | 27.9 | 90 | .. | 2.0 | .. | 3.1 | 0 | 2 | 6 | 02 | 1 | 0 | 0 | 0 | 0 | 1 | 4 | 23 | 0 |
| | 0530 | 3 | 1010.2 | 1009.8 | .. | 24.0 | 22.9 | 22.4 | 26.9 | 91 | .. | 3.9 | .. | 3.8 | 0 | 2 | 11 | 04 | 1 | 0 | 0 | 0 | 1 | 2 | 5 | 18 | 0 |
| | 0830 | 3 | 1012.1 | 1011.7 | +1.7 | 27.9 | 24.3 | 22.5 | 27.4 | 73 | - 5 | 3.2 | -1.3 | 7.2 | 0 | 2 | 22 | 05 | 1 | 1 | 3 | 0 | 1 | 1 | 12 | 7 | 0 |
| | 1130 | 3 | 1011.0 | 1010.6 | .. | 31.1 | 24.3 | 21.9 | 26.3 | 59 | .. | 3.2 | .. | 10.9 | 0 | 3 | 24 | 01 | 5 | 5 | 10 | 2 | 2 | 0 | 0 | 4 | 2 |
| | 1430 | 3 | 1008.4 | 1008.0 | .. | 31.3 | 25.2 | 22.3 | 26.9 | 60 | .. | 2.8 | .. | 16.8 | 0 | 11 | 19 | 00 | 1 | 10 | 12 | 4 | 3 | 0 | 0 | 1 | 0 |
| | 1730 | 3 | 1009.1 | 1008.7 | +1.6 | 28.7 | 24.8 | 22.8 | 28.3 | 72 | - 7 | 3.2 | -2.0 | 11.7 | 0 | 4 | 26 | 00 | 3 | 11 | 9 | 4 | 3 | 0 | 0 | 1 | 0 |
| | 2030 | 3 | 1011.3 | 1010.9 | .. | 26.8 | 24.5 | 23.4 | 28.9 | 82 | .. | 2.1 | .. | 5.0 | 0 | 2 | 15 | 02 | 5 | 6 | 1 | 0 | 0 | 0 | 3 | 14 | 0 |
| | 2330 | 3 | 1011.3 | 1010.9 | .. | 25.6 | 24.0 | 23.2 | 28.6 | 87 | .. | 2.0 | .. | 4.0 | 0 | 2 | 12 | 02 | 3 | 0 | 0 | 0 | 0 | 1 | 8 | 17 | 0 |
| Kakinada | 0830 | 8 | 1012.0 | 1011.1 | +1.6 | 28.2 | 24.6 | 22.9 | 27.9 | 74 | - 4 | 3.0 | -1.5 | 7.0 | 0 | 0 | 31 | 00 | 18 | 2 | 2 | 0 | 1 | 0 | 8 | 0 | 0 |
| | 1730 | 8 | 1008.5 | 1007.6 | +1.2 | 29.6 | 25.0 | 22.9 | 27.9 | 67 | - 7 | 3.3 | -1.5 | 10.9 | 0 | 0 | 30 | 00 | 0 | 4 | 23 | 0 | 1 | 0 | 2 | 1 | 0 |
| Nidadavole | 0830 | 12 | 1012.1 | 1010.8 | +1.9 | 26.9 | 24.4 | 23.1 | 28.6 | 80 | - 6 | 2.7 | -3.0 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 12 | 1008.4 | 1007.0 | +1.3 | 29.4 | 25.0 | 22.9 | 28.1 | 69 | -10 | 3.7 | -2.9 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Rentachintala | 0830 | 106 | 1011.7 | 999.7 | +1.4 | 26.8 | 23.3 | 21.6 | 25.6 | 74 | - 2 | 3.4 | -1.4 | 0.8 | 0 | 0 | 13 | 00 | 0 | 3 | 0 | 4 | 0 | 6 | 0 | 18 | 0 |
| | 1730 | 106 | 1008.0 | 996.2 | +1.6 | 31.5 | 22.7 | 17.4 | 20.4 | 45 | -12 | 4.1 | -1.7 | 1.5 | 0 | 0 | 23 | 01 | 1 | 5 | 0 | 9 | 0 | 7 | 0 | 8 | 0 |
| Gannavaram | 0230 | 24 | 1009.3 | 1006.6 | .. | 24.6 | 23.7 | 23.3 | 28.6 | 92 | .. | 2.5 | .. | 2.8 | 0 | 0 | 13 | 07 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 18 | 0 |
| | 0530 | 24 | 1009.8 | 1007.1 | .. | 24.1 | 23.3 | 22.9 | 28.1 | 93 | .. | 2.8 | .. | 3.2 | 0 | 0 | 15 | 05 | 4 | 5 | 0 | 0 | 0 | 1 | 0 | 16 | 0 |
| | 0830 | 24 | 1012.0 | 1009.2 | +2.0 | 27.7 | 24.8 | 23.4 | 28.9 | 78 | - 3 | 3.4 | -1.3 | 7.5 | 0 | 1 | 21 | 03 | 4 | 9 | 3 | 2 | 0 | 0 | 1 | 9 | 0 |
| | 1130 | 24 | 1010.9 | 1008.2 | .. | 30.6 | 24.8 | 21.9 | 26.6 | 61 | .. | 3.5 | .. | 11.3 | 0 | 4 | 26 | 03 | 1 | 14 | 8 | 2 | 1 | 1 | 0 | 1 | 0 |
| | 1430 | 24 | 1008.0 | 1005.4 | .. | 31.1 | 24.5 | 21.0 | 25.3 | 57 | .. | 3.7 | .. | 10.2 | 0 | 0 | 29 | 03 | 1 | 10 | 11 | 3 | 0 | 0 | 1 | 2 | 0 |
| | 1730 | 24 | 1008.5 | 1005.8 | +1.9 | 29.2 | 24.8 | 22.5 | 27.7 | 69 | - 7 | 3.5 | -2.2 | 7.5 | 0 | 0 | 29 | 01 | 1 | 8 | 14 | 5 | 0 | 0 | 0 | 2 | 0 |
| | 2030 | 24 | 1010.7 | 1008.0 | .. | 26.4 | 24.3 | 23.3 | 28.6 | 85 | .. | 2.5 | .. | 3.5 | 0 | 0 | 18 | 00 | 0 | 7 | 9 | 7 | 0 | 0 | 0 | 13 | 0 |
| | 2330 | 24 | 1010.9 | 1008.2 | .. | 25.3 | 24.0 | 23.4 | 28.6 | 89 | .. | 2.7 | .. | 3.1 | 0 | 0 | 15 | 02 | 2 | 7 | 0 | 1 | 0 | 1 | 2 | 16 | 0 |
| Masulipatam | 0830 | 3 | 1011.7 | 1011.4 | +1.5 | 27.0 | 24.5 | 23.6 | 28.6 | 82 | - 1 | 4.8 | +0.3 | 3.4 | 0 | 0 | 30 | 07 | 3 | 9 | 2 | 0 | 2 | 2 | 5 | 1 | 0 |
| | 1730 | 3 | 1008.6 | 1008.3 | +1.6 | 29.7 | 25.2 | 23.5 | 29.3 | 74 | - 2 | 5.4 | +0.5 | 3.4 | 0 | 0 | 31 | 01 | 0 | 18 | 9 | 0 | 1 | 0 | 1 | 0 | 1 |
| Ongole | 0830 | 12 | 1011.9 | 1010.6 | +2.1 | 28.2 | 25.3 | 23.8 | 30.4 | 78 | + 4 | 5.0 | +0.0 | 2.6 | 0 | 0 | 31 | 05 | 18 | 2 | 1 | 0 | 1 | 1 | 3 | 0 | 0 |
| | 1730 | 12 | 1008.2 | 1007.0 | +1.9 | 29.2 | 25.4 | 23.3 | 29.3 | 71 | + 2 | 4.0 | -1.2 | 2.5 | 0 | 0 | 31 | 00 | 18 | 7 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nellore | 0530 | 20 | 1009.6 | 1007.3 | .. | 24.8 | 24.3 | 24.1 | 28.3 | 96 | .. | 5.6 | .. | 0.8 | 0 | 0 | 4 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 0830 | 20 | 1011.3 | 1009.1 | +1.1 | 26.9 | 25.2 | 24.4 | 30.7 | 87 | + 8 | 5.7 | +0.7 | 3.5 | 0 | 0 | 31 | 00 | 25 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 |
| | 1130 | 20 | 1010.7 | 1008.5 | .. | 29.9 | 26.1 | 24.4 | 30.7 | 73 | .. | 5.6 | .. | 4.9 | 0 | 0 | 28 | 01 | 12 | 1 | 6 | 0 | 2 | 0 | 6 | 3 | 0 |
| | 1430 | 20 | 1008.3 | 1006.1 | .. | 30.5 | 26.4 | 24.7 | 31.1 | 72 | .. | 5.5 | .. | 6.1 | 0 | 0 | 29 | 02 | 17 | 2 | 6 | 0 | 0 | 0 | 2 | 2 | 0 |
| | 1730 | 20 | 1008.3 | 1006.1 | +1.5 | 28.7 | 25.9 | 24.7 | 31.1 | 79 | + 7 | 6.0 | +0.7 | 8.1 | 0 | 0 | 26 | 00 | 8 | 0 | 3 | 0 | 1 | 4 | 10 | 5 | 0 |
| | 2330 | 20 | 1010.6 | 1008.4 | .. | 26.0 | 25.1 | 27.4 | 31.1 | 92 | .. | 5.2 | .. | 1.8 | 0 | 0 | 12 | 00 | 10 | 1 | 1 | 0 | 0 | 0 | 0 | 19 | 0 |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1012.0 | 994.3 | +1.7 | 25.7 | 23.4 | 22.3 | 26.9 | 82 | + 6 | 1.2 | -2.8 | 0.8 | 0 | 0 | 8 | 03 | 0 | 3 | 1 | 1 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 156 | 1008.2 | 990.7 | +1.6 | 31.5 | 23.4 | 19.1 | 22.1 | 50 | - 8 | 2.2 | -2.4 | 2.3 | 0 | 0 | 20 | 03 | 6 | 6 | 5 | 0 | 0 | 0 | 0 | 11 | 0 |
| Nizamabad | 0830 | 381 | 1012.2 | 969.6 | +1.4 | 26.0 | 21.6 | 18.9 | 22.2 | 63 | - 9 | 2.1 | -0.9 | 0.3 | 0 | 0 | 3 | 01 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 381 | 1007.8 | 967.3 | +2.6 | 30.8 | 22.3 | 17.2 | 20.0 | 45 | - 8 | 1.6 | -2.7 | 0.8 | 0 | 0 | 7 | 01 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **TELANGANA (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hanamkonda | 0830 | 269 | 1012.0 | 981.8 | +1.2 | 25.5 | 22.8 | 21.4 | 25.6 | 78 | + 3 | 2.0 | -1.3 | 1.2 | 0 | 0 | 19 | 06 | 0 | 0 | 2 | 9 | 2 | 0 | 0 | 12 | 0 |
| Hakimpet Aerodrome | 1730 | 269 | 1009.1 | 979.4 | +2.2 | 29.8 | 23.0 | 19.2 | 22.5 | 56 | + 0 | 1.5 | -2.0 | 2.0 | 0 | 0 | 31 | 10 | 12 | 2 | 4 | 3 | 0 | 0 | 0 | [illegible] | 0 |
| | 0530 | 613 | 1010.5 | 942.2 | .. | 21.4 | 19.3 | 17.9 | 20.8 | 82 | .. | 3.0 | .. | 5.1 | 0 | 0 | 17 | 01 | 2 | 5 | 8 | 0 | 1 | 0 | 0 | 14 | 0 |
| | 1130 | 613 | 1010.1 | 943.5 | .. | 28.9 | 21.9 | 18.2 | 21.0 | 54 | .. | 3.5 | .. | 15.4 | 0 | 5 | 26 | 04 | 3 | 15 | 9 | 1 | 1 | 0 | 0 | [illegible] | 0 |
| | 0830 | 613 | 1011.4 | 943.8 | .. | 25.1 | 21.3 | 19.3 | 22.5 | 68 | .. | 3.5 | .. | 7.3 | 0 | 0 | 21 | 03 | 0 | 6 | 6 | 2 | 1 | 0 | 1 | 10 | |
| | 1730 | 613 | 1008.0 | 941.2 | .. | 27.9 | 21.1 | 17.6 | 20.0 | 55 | .. | 3.7 | .. | 14.5 | 0 | 1 | 30 | 03 | 6 | 12 | 10 | 0 | 0 | 0 | [illegible] | [illegible] | 0 |
| | 2330 | 613 | 1011.0 | 943.0 | .. | 23.1 | 19.8 | 18.0 | 20.8 | 74 | .. | 2.3 | .. | 6.7 | 0 | 1 | 19 | 01 | 2 | 10 | 6 | 1 | 0 | 0 | 0 | 11 | 0 |
| Bhadrachalam | 0830 | 111 | 1011.3 | 998.6 | +0.7 | 25.8 | 23.5 | 22.2 | 26.9 | 81 | - 2 | 2.5 | -2.5 | 2.1 | 0 | 0 | 29 | 00 | 27 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 0 |
| Hyderabad (Begampet) | 1730 | 111 | 1007.7 | 995.3 | +1.0 | 30.8 | 23.7 | 19.9 | 23.5 | 54 | -16 | 2.9 | -2.8 | 2.5 | 0 | 0 | 30 | 00 | 27 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 0 |
| | 0230 | 545 | 1010.4 | 949.3 | .. | 20.8 | 19.3 | 18.5 | 21.3 | 87 | .. | 2.6 | .. | 1.1 | 0 | 0 | 6 | 01 | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 0530 | 545 | 1011.0 | 949.7 | .. | 19.8 | 18.7 | 18.3 | 20.8 | 90 | .. | 2.8 | .. | 1.2 | 0 | 0 | 6 | 01 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 25 | 0 |
| | 0830 | 545 | 1012.3 | 951.7 | +1.4 | 23.9 | 20.7 | 19.0 | 22.1 | 74 | + 1 | 4.0 | -0.1 | 3.9 | 0 | 0 | 17 | 05 | 0 | 3 | 5 | 4 | 0 | 0 | 0 | 14 | 0 |
| | 1130 | 545 | 1010.5 | 951.0 | .. | 29.9 | 21.7 | 17.7 | 20.0 | 52 | .. | 3.7 | .. | 8.2 | 0 | 0 | 29 | 06 | 6 | 7 | 10 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 545 | 1007.8 | 948.4 | +1.5 | 28.3 | 20.9 | 16.6 | 19.5 | 52 | - 6 | 4.3 | -0.5 | 7.8 | 0 | 0 | 31 | 03 | 11 | 10 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 2330 | 545 | 1011.7 | 950.8 | .. | 21.9 | 19.7 | 18.5 | 21.3 | 82 | .. | 2.4 | .. | 2.3 | 0 | 0 | 14 | 00 | 6 | 3 | 4 | 1 | 0 | 0 | 0 | 17 | 0 |
| Khammam | 0830 | 112 | 1011.7 | 999.3 | +1.4 | 26.6 | 24.0 | 22.7 | 27.9 | 78 | - 3 | 3.6 | -0.6 | 0.6 | 0 | 0 | 3 | 00 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Mahbubnagar | 1730 | 112 | 1007.9 | 995.4 | +1.5 | 30.9 | 22.7 | 17.9 | 20.9 | 48 | -18 | 4.5 | -1.2 | 0.5 | 0 | 0 | 8 | 00 | 0 | 7 | 1 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 0830 | 505 | 1011.3 | 955.3 | +1.1 | 25.9 | 21.3 | 18.8 | 21.6 | 70 | - 5 | 3.9 | -0.9 | 6.5 | 0 | 0 | 31 | 02 | 9 | 16 | 1 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 505 | 1007.4 | 952.2 | +1.3 | 28.6 | 21.5 | 17.6 | 19.9 | 54 | - 8 | 4.3 | -1.2 | 6.6 | 0 | 0 | 31 | 02 | 10 | 16 | 2 | 1 | 0 | 0 | 0 | 0 | 0 |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1012.0 | 980.3 | +1.2 | 26.0 | 21.9 | 19.5 | 23.1 | 69 | - 5 | 4.1 | -0.3 | 3.6 | 0 | 0 | 31 | 00 | 17 | 0 | 5 | 0 | 8 | 0 | 1 | 0 | 0 |
| Nandyal | 1730 | 281 | 1007.7 | 977.3 | +1.9 | 30.3 | 21.7 | 16.7 | 19.0 | 46 | - 7 | 5.4 | +0.0 | 8.6 | 0 | 0 | 31 | 00 | 15 | 0 | 11 | 0 | 2 | 0 | 2 | 0 | 1 |
| | 0830 | 212 | 1012.1 | 988.2 | .. | 25.9* | 22.7* | 20.9* | 25.0* | 75* | .. | 3.6 | .. | 3.6d | 0 | 0 | 27 | 04 | 10 | 10 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| Anantapur | 1730 | 212 | 1007.9 | 985.0 | .. | 29.2 | 23.6 | 20.6 | 24.6 | 61 | .. | 4.0 | .. | 9.0d | 0 | 0 | 27 | 01 | 3 | 22 | 0 | 0 | 0 | 0 | 1 | [illegible] | 0 |
| | 0530 | 350 | 1009.6 | 970.1 | .. | 22.5 | 20.9 | 20.0 | 23.4 | 86 | .. | 3.9 | .. | 3.1 | 0 | 0 | 10 | 00 | 1 | 4 | 2 | 3 | 1 | 2 | 0 | 21 | 0 |
| | 0830 | 350 | 1011.4 | 972.2 | +1.2 | 25.3 | 21.8 | 19.8 | 23.2 | 72 | - 4 | 4.2 | -0.9 | 3.5 | 0 | 0 | 14 | 00 | 5 | 7 | 0 | 0 | 0 | 2 | 0 | 17 | 0 |
| | 1130 | 350 | 1010.0 | 971.4 | .. | 29.3 | 22.3 | 18.3 | 21.3 | 53 | .. | 4.3 | .. | 9.0 | 0 | 0 | 27 | 01 | 7 | 14 | 0 | 0 | 1 | 1 | 3 | 4 | 0 |
| | 1430 | 350 | 1006.8 | 968.5 | .. | 30.8 | 22.5 | 17.8 | 20.5 | 48 | .. | 4.8 | .. | 10.2 | 0 | 1 | 26 | 02 | 8 | 16 | 0 | 0 | 0 | 0 | 10 | 4 | 0 |
| | 1730 | 350 | 1007.0 | 968.5 | +1.5 | 29.7 | 22.4 | 18.3 | 21.0 | 53 | - 3 | 4.8 | -1.0 | 11.8 | 0 | 4 | 25 | 01 | 11 | 10 | 7 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 2030 | 350 | 1009.9 | 970.6 | .. | 26.6 | 22.0 | 19.3 | 22.7 | 66 | .. | 3.6 | .. | 8.1 | 0 | 2 | 19 | 00 | 2 | 16 | 3 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 2330 | 350 | 1010.7 | 971.4 | .. | 24.7 | 21.6 | 19.8 | 23.2 | 75 | .. | 3.5 | .. | 6.4 | 0 | 1 | 19 | 00 | 2 | 11 | 5 | 1 | 1 | 0 | 0 | 11 | 0 |
| Cuddapah | 0830 | 130 | 1011.8 | 997.0 | +1.0 | 26.2 | 23.9 | 22.7 | 27.7 | 82 | +10 | 4.2 | -0.4 | 0.9 | 0 | 0 | 7 | 00 | 1 | 3 | 3 | 0 | 0 | 0 | 0 | 24 | 0 |
| Arogyavaram | 1730 | 130 | 1007.9 | 993.3 | +1.2 | 29.1 | 24.9 | 22.7 | 28.1 | 70 | + 5 | 4.5 | -0.9 | 2.1 | 0 | 0 | 14 | 00 | 4 | 6 | 4 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 0830 | 701 | 1010.9 | 933.8 | +0.6 | 23.1 | 20.2 | 18.3 | 21.3 | 77 | - 2 | 6.0 | +0.0 | 5.0 | 0 | 0 | 21 | 03 | 7 | 1 | 6 | 0 | 1 | 0 | 3 | 10 | 0 |
| | 1730 | 701 | 1007.2 | 931.0 | +1.0 | 25.8 | 20.3 | 18.3 | 20.5 | 61 | - 5 | 6.0 | -0.6 | 6.3 | 0 | 0 | 30 | 03 | 13 | 3 | 9 | 1 | 0 | 0 | 1 | 1 | 0 |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1010.8 | 1010.1 | +1.1 | 27.5 | 25.1 | 24.1 | 30.0 | 82 | + 1 | 4.8 | -0.6 | 4.8 | 0 | 0 | 23 | 04 | 3 | 3 | 2 | 1 | 3 | 1 | 6 | 6 | 0 |
| Madras (Minambakkam) | 1730 | 6 | 1008.3 | 1007.6 | .. | 27.8 | 24.5 | 23.0 | 28.1 | 76 | .. | 5.3 | .. | 5.8 | 0 | 0 | 27 | 01 | 9 | 9 | 2 | 3 | 0 | 1 | 2 | 4 | 0 |
| | 0230 | 16 | 1008.8 | 1007.0 | .. | 25.3 | 24.3 | 23.9 | 29.7 | 92 | .. | 4.4 | .. | 2.9 | 0 | 0 | 14 | 05 | 0 | 1 | 1 | 3 | 0 | 2 | 2 | 17 | 0 |
| | 0530 | 16 | 1009.3 | 1007.5 | .. | 24.7 | 23.9 | 23.5 | 28.9 | 93 | .. | 4.8 | .. | 4.1 | 0 | 0 | 21 | 04 | 0 | 1 | 1 | 3 | 1 | 7 | 4 | 10 | 0 |
| | 0830 | 16 | 1011.2 | 1009.4 | +0.9 | 27.1 | 24.9 | 23.9 | 29.7 | 83 | + 2 | 5.3 | +0.0 | 6.6 | 0 | 0 | 29 | 14 | 0 | 1 | 0 | 3 | 3 | 3 | 5 | 2 | 0 |
| | 1130 | 16 | 1010.4 | 1008.6 | .. | 29.8 | 25.4 | 23.3 | 28.8 | 69 | .. | 5.8 | .. | 8.9 | 0 | 0 | 29 | 07 | 7 | 7 | 1 | 3 | 2 | 1 | 1 | 2 | 0 |
| | 1430 | 16 | 1007.9 | 1006.2 | .. | 29.5 | 25.1 | 23.0 | 28.3 | 69 | .. | 5.9 | .. | 10.9 | 0 | 2 | 28 | 06 | 8 | 10 | 2 | 1 | 0 | 1 | 2 | 1 | 0 |
| | 1730 | 16 | 1008.3 | 1006.6 | +1.3 | 28.1 | 24.7 | 23.0 | 28.2 | 75 | - 1 | 5.3 | -0.3 | 9.0 | 0 | 0 | 29 | 06 | 7 | 8 | 4 | 1 | 0 | 1 | 2 | 2 | 0 |
| | 2030 | 16 | 1010.7 | 1008.9 | .. | 26.5 | 24.4 | 23.5 | 28.9 | 84 | .. | 4.2 | .. | 4.2 | 0 | 1 | 14 | 01 | 1 | 3 | 5 | 3 | 0 | 0 | 2 | 16 | 0 |
| | 2330 | 16 | 1010.7 | 1008.9 | .. | 25.7 | 24.4 | 23.8 | 29.7 | 89 | .. | 4.1 | .. | 3.5 | 0 | 0 | 13 | 00 | 1 | 2 | 3 | 3 | 1 | 2 | 1 | 18 | 0 |
| Vellore | 0530 | 214 | 1009.8 | 985.4 | .. | 22.7 | 22.1 | 21.9 | 26.1 | 95 | .. | 3.5 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 214 | 1011.7 | 987.5 | +1.2 | 24.8 | 23.0 | 22.1 | 26.6 | 86 | + 6 | 4.7 | -0.2 | 2.0 | 0 | 0 | 12 | 04 | 2 | 0 | 0 | 0 | 1 | 2 | 3 | 19 | 0 |
| | 1130 | 214 | 1010.7 | 986.8 | .. | 28.5 | 23.8 | 21.3 | 25.6 | 67 | .. | 5.3 | .. | 5.9 | 0 | 0 | 30 | 04 | 15 | 2 | 0 | 0 | 2 | 4 | 3 | 1 | 0 |
| | 1730 | 214 | 1008.1 | 984.1 | +1.5 | 27.5 | 23.3 | 21.0 | 25.2 | 70 | + 5 | 5.3 | -0.6 | 5.8 | 0 | 0 | 26 | 00 | 12 | 8 | 2 | 3 | 1 | 0 | 0 | 5 | 0 |
| | 2330 | 214 | 1011.3 | 987.1 | .. | 25.1 | 22.8 | 21.6 | 25.9 | 82 | .. | 3.0 | .. | 1.0 | 0 | 0 | 4 | 00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1010.8 | 1007.6 | .. | 27.4 | 25.7 | 24.9 | 31.5 | 87 | .. | 5.2 | .. | 10.9 | 0 | 1 | 29 | 09 | 2 | 0 | 1 | 2 | 3 | 2 | 11 | 1 | 0 |
| | 1730 | 29 | 1008.2 | 1005.0 | .. | 27.7 | [illegible] | 23.6 | 29.1 | 79 | .. | 5.5 | .. | 14.7 | 0 | 4 | 25 | 04 | 13 | 3 | 4 | 4 | 0 | 1 | 0 | 2 | 0 |
| Tiruppattur | 0830 | 390 | 1011.2 | 967.4 | +0.7 | 23.8 | 21.9 | 20.7 | 24.4 | 84 | + 1 | 6.3 | +0.2 | 2.6 | 0 | 0 | 24 | 23 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 390 | 1006.6 | 963.6 | +0.4 | 27.9 | 22.6 | 19.7 | 22.9 | 62 | - 9 | 6.2 | -0.4 | 6.0 | 0 | 0 | 27 | 21 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | 4 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 24.9 | 22.9 | 21.9 | 26.1 | 83 | .. | 5.9 | .. | 2.0 | 0 | 0 | 28 | 00 | 12 | 0 | 5 | 0 | 3 | 0 | 8 | 3 | 0 |
| | 1730 | | .. | .. | .. | 27.6 | 25.6 | 24.7 | 30.9 | 84 | .. | 6.6 | .. | 2.6 | 0 | 0 | 30 | 00 | 8 | 0 | 8 | 0 | 8 | 0 | 6 | 1 | 0 |
| Cuddalore | 0530 | 12 | 1008.9 | 1007.6 | .. | 24.7 | 24.1 | 23.8 | 29.5 | 94 | .. | 5.4 | .. | 1.7 | 0 | 0 | 7 | 00 | 4 | 0 | 1 | 1 | 0 | 0 | 1 | 24 | 0 |
| | 0830 | 12 | 1010.7 | 1009.4 | +0.3 | 26.6 | 25.1 | 24.5 | 30.7 | 89 | + 8 | 5.7 | +0.4 | 5.3 | 0 | 1 | 25 | 05 | 12 | 1 | 0 | 3 | 1 | 2 | 2 | 5 | 0 |
| | 1130 | 12 | 1010.3 | 1009.0 | .. | 29.1 | 26.0 | 24.7 | 31.1 | 78 | .. | 6.0 | .. | 8.6 | 0 | 3 | 27 | 03 | 16 | 1 | 3 | 0 | 5 | 1 | 1 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADRAS STATE (INCLUDING PONDICHERRY) (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cuddalore (Contd.) | 1430 | 12 | 1007.9 | 1006.6 | .. | 29.2 | 26.2 | 24.9 | 31.5 | 78 | .. | 5.7 | .. | 8.1 | 0 | 0 | 31 | 02 | 17 | 3 | 6 | 1 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | 12 | 1008.7 | 1007.4 | +1.7 | 27.6 | 25.6 | 24.8 | 31.3 | 85 | +10 | 5.6 | +0.0 | 6.0 | 0 | 0 | 30 | 04 | 16 | 2 | 5 | 0 | 1 | 0 | 2 | 1 | 0 |
| | 2330 | 12 | 1010.6 | 1009.3 | .. | 26.4 | 25.3 | 24.8 | 31.3 | 91 | .. | 4.3 | .. | 2.6 | 0 | 0 | 13 | 02 | 8 | 0 | 2 | 0 | 1 | 0 | 0 | 18 | 0 |
| Kallakkurichchi | 0830 | 127 | 1010.9 | 996.5 | +1.0 | 25.8 | 23.7 | 22.7 | 27.6 | 83 | + 5 | 5.3 | +0.6 | 5.9 | 0 | 0 | 29 | 04 | 4 | 0 | 2 | 0 | 4 | 0 | 15 | 2 | 0 |
| | 1730 | 127 | 1007.6 | 993.3 | +1.4 | 27.7 | 24.3 | 22.6 | 27.4 | 75 | +10 | 5.8 | +0.1 | 5.7 | 0 | 0 | 28 | 04 | 13 | 0 | 1 | 0 | 3 | 0 | 7 | 3 | 0 |
| Salem | 0530 | 278 | 1009.3 | 977.8 | .. | 22.4 | 21.3 | 20.6 | 24.3 | 89 | .. | 3.8 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| | 0830 | 278 | 1011.0 | 979.7 | +0.3 | 24.7 | 22.3 | 20.7 | 24.4 | 80 | + 0 | 5.4 | +0.2 | 0.7 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 0 | 3 | 0 | 0 | 27 | 0 |
| | 1130 | 278 | 1009.9 | 979.0 | .. | 28.2 | 23.2 | 20.6 | 24.3 | 65 | .. | 5.1 | .. | 0.3 | 0 | 0 | 4 | 02 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 27 | 0 |
| | 1730 | 278 | 1007.2 | 976.3 | +0.9 | 27.5 | 22.8 | 20.3 | 23.8 | 67 | + 5 | 6.5 | +0.5 | 4.5 | 0 | 0 | 19 | 01 | 0 | 9 | 1 | 0 | 0 | 5 | 1 | 12 | 2 |
| | 2330 | 278 | 1010.6 | 979.2 | .. | 24.2 | 22.2 | 21.1 | 25.0 | 83 | .. | 5.1 | .. | 0.5 | 0 | 0 | 2 | 00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1009.7 | 964.6 | .. | 21.9 | 21.7 | 21.6 | 25.8 | 98 | .. | 4.4 | .. | 6.5 | 0 | 1 | 15 | 04 | 1 | 0 | 0 | 6 | 3 | 1 | 1 | 15 | 0 |
| | 0830 | 399 | 1011.5 | 966.7 | +0.8 | 23.6 | 22.6 | 22.1 | 26.6 | 91 | +10 | 5.8 | +0.5 | 7.3 | 0 | 2 | 15 | 04 | 2 | 3 | 1 | 3 | 4 | 0 | 0 | 14 | 0 |
| | 1130 | 399 | 1010.3 | 966.2 | .. | 27.1 | 24.1 | 22.5 | 27.3 | 77 | .. | 5.0 | .. | 13.3 | 0 | 3 | 25 | 06 | 11 | 5 | 3 | 3 | 0 | 0 | 0 | 3 | 0 |
| | 1430 | 399 | 1007.1 | 963.2 | .. | 28.5 | 24.5 | 22.5 | 27.3 | 72 | .. | 5.4 | .. | 13.9 | 0 | 8 | 19 | 01 | 12 | 3 | 1 | 6 | 3 | 1 | 0 | 4 | 0 |
| | 1730 | 399 | 1007.5 | 963.4 | +1.1 | 26.7 | 23.9 | 22.6 | 27.4 | 80 | +13 | 5.8 | -0.2 | 15.2 | 0 | 9 | 21 | 02 | 10 | 5 | 0 | 6 | 4 | 0 | 3 | 1 | 0 |
| | 2030 | 399 | 1010.5 | 965.9 | .. | 24.2 | 23.1 | 22.5 | 27.3 | 91 | .. | 4.8 | .. | 9.1 | 0 | 0 | 23 | 02 | 5 | 3 | 0 | 5 | 0 | 1 | 1 | 6 | 0 |
| | 2330 | 399 | 1011.1 | 966.3 | .. | 23.0 | 22.4 | 22.0 | 26.4 | 93 | .. | 5.3 | .. | 10.1 | 0 | 2 | 21 | 03 | 4 | 1 | 0 | 6 | 6 | 2 | 1 | 8 | 0 |
| Coimbatore | 0830 | 409 | 1010.9 | 965.2 | +0.1 | 24.2 | 22.2 | 21.1 | 25.0 | 84 | + 6 | 6.1 | +0.6 | 3.0 | 0 | 0 | 31 | 04 | 9 | 0 | 4 | 1 | 12 | 0 | 1 | 10 | 0 |
| Nagapattinam | 0830 | 9 | 1011.0 | 1009.9 | +0.4 | 26.9 | 24.7 | 23.7 | 29.3 | 83 | + 4 | 6.3 | +0.8 | 8.7 | 0 | 2 | 25 | 04 | 4 | 2 | 1 | 0 | 4 | 4 | 8 | 4 | 0 |
| | 1730 | 9 | 1007.8 | 1006.7 | +0.6 | 28.6 | 25.1 | 23.4 | 28.8 | 74 | - 1 | 5.7 | +0.3 | 13.2 | 0 | 11 | 18 | 03 | 15 | 1 | 5 | 1 | 1 | 1 | 2 | 2 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1008.7 | 998.7 | .. | 24.1 | 23.1 | 22.6 | 27.4 | 91 | .. | 5.9 | .. | 4.9 | 0 | 1 | 21 | 05 | 3 | 1 | 0 | 0 | 1 | 7 | 5 | 9 | 0 |
| | 0530 | 88 | 1008.9 | 998.8 | .. | 23.7 | 22.9 | 22.4 | 27.1 | 92 | .. | 5.5 | .. | 6.8 | 0 | 2 | 24 | 06 | 5 | 0 | 0 | 0 | 0 | 8 | 7 | 5 | 0 |
| | 0830 | 88 | 1010.8 | 1000.8 | +0.3 | 26.0 | 23.7 | 22.6 | 27.4 | 82 | + 3 | 5.8 | +0.5 | 11.4 | 0 | 5 | 25 | 06 | 7 | 0 | 0 | 0 | 1 | 9 | 7 | 1 | 0 |
| | 1130 | 88 | 1010.1 | 1000.2 | .. | 28.6 | 24.3 | 22.2 | 26.7 | 70 | .. | 5.7 | .. | 13.5 | 0 | 3 | 27 | 04 | 11 | 1 | 1 | 2 | 1 | 5 | 5 | 1 | 0 |
| | 1430 | 88 | 1007.1 | 997.3 | .. | 29.7 | 24.3 | 21.6 | 25.8 | 63 | .. | 6.0 | .. | 12.5 | 0 | 4 | 27 | 02 | 13 | 3 | 1 | 0 | 1 | 6 | 5 | 0 | 0 |
| | 1730 | 88 | 1007.4 | 997.5 | +0.9 | 28.1 | 24.0 | 22.0 | 26.4 | 71 | + 8 | 6.1 | +0.1 | 9.5 | 0 | 2 | 29 | 02 | 10 | 4 | 4 | 2 | 1 | 3 | 5 | 0 | 0 |
| | 2030 | 88 | 1010.0 | 1000.0 | .. | 26.0 | 24.1 | 23.1 | 26.6 | 84 | .. | 5.4 | .. | 7.4 | 0 | 0 | 27 | 04 | 8 | 5 | 2 | 2 | 1 | 1 | 4 | 4 | 0 |
| | 2330 | 88 | 1010.4 | 1000.4 | .. | 24.9 | 23.6 | 22.9 | 27.9 | 89 | .. | 5.7 | .. | 6.1 | 0 | 0 | 28 | 06 | 9 | 0 | 2 | 2 | 1 | 3 | 5 | 3 | 0 |
| Vedaranniyam | 0830 | 4 | 1010.6 | 1010.1 | .. | 27.0 | 25.1 | 24.3 | 30.4 | 85 | .. | 6.0 | .. | 3.2 | 0 | 0 | 31 | 05 | 11 | 1 | 0 | 3 | 10 | 0 | 1 | 0 | 0 |
| Atirampattinam | 1730 | 4 | 1008.1 | 1007.6 | .. | 28.4 | 25.5 | 24.3 | 30.4 | 80 | .. | 5.9 | .. | 3.5 | 0 | 0 | 31 | 04 | 5 | 0 | 5 | 3 | 9 | 0 | 5 | 0 | 0 |
| | 0830 | 6 | 1010.6 | 1009.9 | .. | 26.7 | 24.6 | 24.1 | 29.8 | 86 | .. | 4.5 | .. | 4.6 | 0 | 0 | 25 | 06 | 2 | 0 | 1 | 5 | 1 | 0 | 10 | 16 | 0 |
| Madurai | 1730 | 6 | 1007.4 | 1006.7 | .. | 28.6 | 25.3 | 24.2 | 30.2 | 76 | .. | 4.6 | .. | 6.8 | 0 | 0 | 31 | 03 | 6 | 1 | 2 | 18 | 0 | 0 | 1 | 0 | 0 |
| Madurai Aerodrome | 0830 | 133 | 1010.9 | 995.9 | +0.5 | 26.0 | 23.6 | 22.6 | 27.4 | 81 | + 8 | 7.4 | +1.9 | 5.3 | 0 | 0 | 31 | 06 | 4 | 1 | 1 | 1 | 1 | 4 | 13 | 0 | 0 |
| | 0530 | 131 | 1008.9 | 993.9 | .. | 23.6 | 22.7 | 22.3 | 26.9 | 92 | .. | 4.7 | .. | 8.5 | 0 | 0 | 24 | 06 | 7 | 0 | 0 | 1 | 3 | 1 | 6 | 7 | 0 |
| | 0830 | 131 | 1010.8 | 995.9 | +0.3 | 25.9 | 23.4 | 22.2 | 26.7 | 81 | + 6 | 5.9 | +0.8 | 12.6 | 0 | 2 | 29 | 13 | 5 | 0 | 0 | 1 | 2 | 2 | 8 | 0 | 0 |
| | 1130 | 131 | 1009.9 | 995.2 | .. | 28.6 | 24.1 | 21.9 | 26.3 | 68 | .. | 5.8 | .. | 14.0 | 0 | 4 | 26 | 08 | 9 | 3 | 0 | 2 | 4 | 1 | 3 | 1 | 0 |
| | 1730 | 131 | 1007.4 | 992.7 | +0.7 | 28.1 | 23.9 | 21.8 | 26.1 | 70 | + 6 | 6.3 | +0.2 | 13.5 | 0 | 6 | 23 | 02 | 12 | 5 | 2 | 4 | 2 | 0 | 2 | 2 | 0 |
| Tondi | 0830 | 5 | 1010.9 | 1010.3 | +0.5 | 26.4 | 24.1 | 23.1 | 28.3 | 82 | + 0 | 5.0 | -0.4 | 5.9 | 0 | 0 | 22 | 11 | 4 | 0 | 0 | 1 | 3 | 0 | 3 | 9 | 0 |
| Pamban | 1730 | 5 | 1007.9 | 1007.3 | +0.8 | 28.2 | 24.9 | 23.5 | 28.9 | 76 | - 3 | 5.6 | -0.2 | 13.6 | 0 | 6 | 22 | 02 | 11 | 2 | 7 | 5 | 0 | 0 | 1 | 3 | 0 |
| | 0830 | 11 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Tuticorin | 1730 | 11 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | 4 | 1011.2 | 1010.8 | +0.7 | 27.1 | 24.3 | 23.1 | 28.3 | 80 | +11 | 4.6 | +0.8 | 9.5 | 0 | 0 | 31 | 06 | 5 | 2 | 0 | 0 | 3 | 7 | 8 | 0 | 0 |
| Palayankottai | 1730 | 4 | 1007.8 | 1007.4 | +0.7 | 28.8 | 25.1 | 23.3 | 28.6 | 73 | + 4 | 4.9 | +0.9 | 14.8 | 0 | 5 | 26 | 03 | 5 | 6 | 5 | 5 | 4 | 1 | 2 | 0 | 0 |
| | 0830 | 51 | 1010.9 | 1005.2 | +0.6 | 27.6 | 24.3 | 22.7 | 27.6 | 76 | + 7 | 6.0 | +1.2 | 5.4 | 0 | 0 | 28 | 12 | 0 | 4 | 0 | 2 | 1 | 8 | 1 | 3 | 0 |
| Kanniyakumari | 1730 | 51 | 1007.1 | 1001.8 | +0.8 | 28.7 | 24.5 | 22.4 | 27.1 | 71 | + 8 | 6.7 | +0.3 | 8.6 | 0 | 0 | 30 | 07 | 4 | 8 | 1 | 2 | 1 | 6 | 1 | 1 | 0 |
| | 0830 | 37 | 1010.7 | 1006.7 | .. | 26.9 | 24.0 | 22.4 | 27.1 | 77 | .. | 3.6 | .. | 12.5 | 0 | 4 | 27 | 04 | 10 | 0 | 1 | 0 | 2 | 8 | 6 | 0 | 0 |
| | 1730 | 37 | 1008.2 | 1004.1 | .. | 27.2 | 24.7 | 23.4 | 28.8 | 78 | .. | 5.5 | .. | 13.4 | 0 | 6 | 25 | 00 | 3 | 2 | 3 | 1 | 7 | 9 | 6 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1011.1 | 1010.6 | +0.5 | 26.3 | 24.2 | 23.2 | 28.4 | 83 | - 4 | 4.9 | -0.4 | 3.0 | 0 | 0 | 29 | 01 | 0 | 13 | 3 | 1 | 1 | 3 | 2 | 2 | 5 |
| Honavar | 1730 | 4 | 1007.8 | 1007.3 | +0.1 | 29.2 | 25.8 | 24.3 | 30.4 | 76 | - 3 | 5.0 | -0.4 | 6.2 | 0 | 1 | 30 | 02 | 1 | 1 | 0 | 0 | 0 | 2 | 22 | 0 | 3 |
| | 0830 | 26 | 1011.1 | 1008.1 | -0.1 | 25.6 | 23.5 | 22.4 | 27.3 | 83 | - 2 | 5.3 | -0.1 | 4.8 | 0 | 0 | 30 | 01 | 11 | 16 | 1 | 1 | 0 | 0 | 0 | 1 | 0 |
| Mangalore (Bajpe) | 1730 | 26 | 1008.2 | 1005.3 | +0.2 | 29.2 | 25.5 | 23.8 | 29.7 | 73 | - 6 | 6.0 | +0.3 | 5.0 | 0 | 0 | 30 | 10 | 0 | 4 | 0 | 4 | 0 | 12 | 0 | 1 | 0 |
| | 0230 | 102 | 1008.7 | 997.1 | .. | 23.8 | 23.2 | 22.9 | 27.9 | 95 | .. | 4.7 | .. | 4.7 | 0 | 0 | 13 | 01 | 0 | 8 | 2 | 1 | 0 | 0 | 1 | 18 | 0 |
| | 0530 | 102 | 1008.9 | 997.3 | .. | 23.4 | 22.9 | 22.7 | 27.6 | 96 | .. | 5.2 | .. | 5.6 | 0 | 0 | 16 | 00 | 0 | 11 | 2 | 0 | 2 | 0 | 1 | 15 | 0 |
| | 0830 | 102 | 1010.8 | 999.3 | -0.1 | 25.5 | 24.1 | 23.4 | 28.9 | 89 | + 0 | 5.7 | +0.0 | 6.4 | 0 | 1 | 19 | 00 | 2 | 9 | 6 | 2 | 0 | 1 | 0 | 11 | 0 |
| | 1130 | 102 | 1010.3 | 998.9 | .. | 29.1 | 25.2 | 23.4 | 28.9 | 72 | .. | 5.7 | .. | 9.9 | 0 | 3 | 28 | 01 | 2 | 5 | 6 | 6 | 2 | 2 | 3 | 0 | 4 |
| | 1430 | 102 | 1007.4 | 996.0 | .. | 29.7 | 25.7 | 23.9 | 29.7 | 72 | .. | 5.6 | .. | 16.2 | 0 | 10 | 21 | 00 | 1 | 1 | 2 | 3 | 6 | 14 | 4 | 0 | 0 |
| | 1730 | 102 | 1007.6 | 996.2 | -0.3 | 27.4 | 25.0 | 23.9 | 29.7 | 82 | + 1 | 6.1 | -0.2 | 12.3 | 0 | 2 | 28 | 01 | 0 | 1 | 1 | 3 | 3 | 15 | 6 | 1 | 0 |
| | 2030 | 102 | 1010.0 | 998.5 | .. | 25.4 | 24.3 | 23.7 | 29.7 | 90 | .. | 5.3 | .. | 5.5 | 0 | 1 | 17 | 01 | 0 | 3 | 2 | 1 | 1 | 5 | 5 | 13 | 0 |
| | 2330 | 102 | 1010.4 | 998.9 | .. | 24.5 | 23.7 | 23.4 | 28.6 | 94 | .. | 5.5 | .. | 6.1 | 0 | 2 | 14 | 01 | 2 | 6 | 3 | 1 | 1 | 0 | 2 | 15 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level of lat. in gms. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **COASTAL MYSORE (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 0830 | 22 | 1010.6 | 1008.1 | -0.4 | 25.7 | 23.7 | 22.7 | 27.4 | 84 | - 1 | 6.1 | +0.7 | 7.1 | 0 | 0 | 31 | 02 | 2 | 16 | 9 | 0 | 0 | 1 | 1 | 0 | 0 |
| | 1730 | 22 | 1007.8 | 1005.3 | -0.2 | 28.4 | 25.2 | 23.8 | 29.5 | 77 | - 2 | 5.5 | -0.5 | 8.3 | 0 | 0 | 31 | 04 | 0 | 0 | 1 | 0 | 10 | 7 | 8 | 0 | 1 |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1011.7 | 938.6 | +1.7 | 24.9 | 19.5 | 16.4 | 18.6 | 61 | - 9 | 2.4 | -1.7 | 2.6 | 0 | 0 | 14 | 00 | 1 | 4 | 5 | 1 | 2 | 1 | 0 | 7 | 0 |
| | 1730 | 664 | 1007.6 | 935.5 | +1.6 | 27.8 | 18.7 | 12.5 | 14.5 | 41 | -13 | 4.1 | -0.7 | 8.5 | 0 | 3 | 24 | 00 | 14 | 13 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| Gulbarga | 0830 | 458 | 1011.9 | 960.9 | +1.1 | 25.8 | 20.3 | 17.2 | 19.7 | 61 | - 7 | 4.5 | +0.9 | 6.1 | 0 | 0 | 20 | 03 | 2 | 11 | 2 | 0 | 0 | 0 | 2 | 11 | 0 |
| | 1730 | 458 | 1006.7 | 956.9 | +0.9 | 31.6 | 19.9 | 12.5 | 14.9 | 34 | -14 | 5.2 | +0.5 | 6.5 | 0 | 0 | 30 | 02 | 8 | 18 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| Bijapur | 0830 | 594 | 1012.0 | 946.1 | +0.9 | 23.7 | 19.5 | 17.2 | 19.6 | 69 | - 1 | 4.2 | +0.3 | 2.0 | 0 | 0 | 25 | 04 | 4 | 3 | 4 | 4 | 0 | 2 | 4 | 6 | 0 |
| | 1730 | 594 | 1006.0 | 941.9 | +0.4 | 30.9 | 20.1 | 13.4 | 15.4 | 36 | -13 | 6.4 | +1.5 | 2.0 | 0 | 0 | 31 | 05 | 9 | 6 | 9 | 1 | 0 | 0 | 1 | 0 | 0 |
| Raichur | 0830 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum | 0830 | 753 | 1012.4 | 929.4 | +1.1 | 22.0 | 20.4 | 19.6 | 22.8 | 86 | + 5 | 3.8 | -0.1 | 1.4 | 0 | 0 | 8 | 00 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 23 | 0 |
| | 1730 | 753 | 1007.4 | 926.1 | +0.6 | 27.2 | 22.1 | 19.4 | 23.1 | 66 | + 2 | 4.3 | -0.8 | 4.2 | 0 | 0 | 29 | 03 | 2 | 16 | 3 | 0 | 0 | 3 | 1 | 2 | 1 |
| Belgaum (Samra) | 0530 | 747 | 1010.3 | 927.4 | .. | 19.4 | 18.4 | 17.4 | 20.0 | 86 | .. | 4.5 | .. | 1.5 | 0 | 0 | 8 | 00 | 3 | 3 | 0 | 1 | 0 | 1 | 0 | 23 | 0 |
| | 0830 | 747 | 1011.4 | 929.2 | +0.6 | 22.8 | 19.8 | 18.1 | 20.9 | 76 | - 5 | 5.2 | +0.1 | 5.7 | 0 | 1 | 18 | 01 | 5 | 7 | 4 | 1 | 0 | 1 | 0 | 12 | 0 |
| | 1130 | 747 | 1009.9 | 929.0 | .. | 27.6 | 20.1 | 15.4 | 18.1 | 50 | .. | 5.3 | .. | 12.6 | 0 | 3 | 28 | 04 | 10 | 9 | 5 | 1 | 1 | 0 | 0 | 0 | 0 |
| | 1430 | 747 | 1006.6 | 926.3 | .. | 28.4 | 19.9 | 14.1 | 16.7 | 44 | .. | 5.6 | .. | 11.5 | 0 | 3 | 27 | 02 | 12 | 9 | 5 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 747 | 1006.7 | 926.1 | +0.3 | 27.6 | 20.0 | 15.2 | 17.8 | 50 | -18 | 5.6 | +0.0 | 7.9 | 0 | 0 | 29 | 04 | 9 | 7 | 3 | 2 | 2 | 1 | 1 | 2 | 0 |
| | 2030 | 747 | 1010.2 | 928.2 | .. | 23.2 | 19.5 | 17.3 | 20.0 | 71 | .. | 4.5 | .. | 5.0 | 0 | 0 | 22 | 00 | 4 | 3 | 5 | 2 | 3 | 5 | 0 | 9 | 0 |
| Gadag | 0530 | 650 | 1010.1 | 937.8 | .. | 21.1 | 19.2 | 18.0 | 20.8 | 84 | .. | 3.6 | .. | 4.9 | 0 | 0 | 23 | 00 | 2 | 10 | 4 | 0 | 0 | 1 | 4 | 6 | 2 |
| | 0830 | 650 | 1011.6 | 939.6 | +0.4 | 22.8 | 20.1 | 18.6 | 21.6 | 78 | + 3 | 4.3 | -0.4 | 4.6 | 0 | 0 | 25 | 00 | 3 | 16 | 0 | 0 | 0 | 4 | 0 | 6 | 2 |
| | 1130 | 650 | 1009.7 | 939.3 | .. | 29.0 | 21.2 | 16.7 | 19.5 | 50 | .. | 4.3 | .. | 9.5 | 0 | 1 | 29 | 02 | 7 | 10 | 6 | 0 | 0 | 1 | 1 | 1 | 3 |
| | 1430 | 650 | 1006.3 | 936.5 | .. | 30.7 | 21.1 | 15.5 | 18.1 | 42 | .. | 4.6 | .. | 10.3 | 0 | 0 | 30 | 03 | 8 | 15 | 1 | 0 | 0 | 0 | 1 | 1 | 2 |
| | 1730 | 650 | 1006.4 | 936.3 | +0.5 | 29.4 | 20.8 | 15.6 | 18.3 | 46 | -11 | 5.1 | -0.3 | 7.3 | 0 | 0 | 31 | 02 | 17 | 8 | 2 | 1 | 0 | 0 | 1 | 0 | 0 |
| | 2030 | 650 | 1010.0 | 938.6 | .. | 24.8 | 20.1 | 17.3 | 20.0 | 64 | .. | 3.0 | .. | 6.1 | 0 | 0 | 27 | 00 | 2 | 16 | 3 | 1 | 1 | 2 | 0 | 4 | 2 |
| | 2330 | 650 | 1010.8 | 939.0 | .. | 23.0 | 19.5 | 17.5 | 20.1 | 73 | .. | 2.9 | .. | 6.3 | 0 | 0 | 24 | 01 | 9 | 9 | 0 | 3 | 1 | 0 | 0 | 7 | 1 |
| **INTERIOR MYSORE, SOUTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1011.0 | 961.0 | +0.4 | 25.2 | 21.9 | 19.9 | 23.5 | 75 | + 2 | 3.5 | -1.4 | 6.6 | 0 | 0 | 25 | 00 | 3 | 0 | 19 | 0 | 1 | 0 | 2 | 6 | 0 |
| | 1730 | 449 | 1007.4 | 958.1 | +1.3 | 29.3 | 22.4 | 18.2 | 21.6 | 55 | + 2 | 4.3 | -1.0 | 8.6 | 0 | 1 | 27 | 00 | 6 | 0 | 20 | 0 | 0 | 0 | 2 | 3 | 0 |
| Chitradurga | 0830 | 733 | 1011.3 | 930.4 | +0.4 | 22.0 | 20.0 | 18.8 | 21.7 | 84 | + 5 | 5.1 | -0.3 | 5.8 | 0 | 0 | 25 | 00 | 0 | 16 | 3 | 0 | 1 | 5 | 0 | 6 | 0 |
| | 1730 | 733 | 1006.5 | 927.2 | +0.6 | 26.6 | 20.6 | 16.9 | 19.9 | 57 | + 2 | 4.5 | -1.0 | 5.9 | 0 | 0 | 27 | 00 | 5 | 17 | 1 | 0 | 0 | 1 | 3 | 4 | 0 |
| Shimoga | 0830 | 571 | 1011.3 | 947.7 | +0.4 | 22.4 | 20.4 | 19.3 | 22.5 | 83 | - 3 | 6.1 | +0.2 | 2.3 | 0 | 0 | 25 | 00 | 6 | 6 | 2 | 1 | 0 | 5 | 5 | 6 | 0 |
| | 1730 | 571 | 1006.7 | 944.5 | +0.7 | 26.9 | 22.1 | 19.6 | 23.1 | 63 | - 7 | 5.8 | +0.1 | 2.3 | 0 | 0 | 25 | 01 | 4 | 12 | 1 | 0 | 1 | 2 | 4 | 6 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 21.9 | 20.5 | 19.8 | 23.1 | 89 | .. | . | .. | 5.0 | 0 | 0 | 31 | 00 | 20 | 8 | 0 | 1 | 1 | 1 | 0 | 0 | 0 |
| Balehonnur | 0830 | | .. | .. | .. | 21.5 | 19.7 | 18.8 | 21.6 | 86 | - 3 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1509.0 | 906.2 | -0.1 | 19.9 | 18.7 | 18.0 | 20.6 | 89 | + 6 | 5.6 | +0.3 | 3.2 | 0 | 0 | 23 | 02 | 1 | 7 | 6 | 0 | 2 | 2 | 3 | 8 | 0 |
| | 1730 | 960 | 1492.0 | 903.4 | +0.4 | 24.9 | 19.8 | 16.8 | 19.4 | 63 | - 7 | 5.3 | -0.9 | 1.9 | 0 | 0 | 24 | 03 | 5 | 7 | 5 | 2 | 1 | 2 | 1 | 7 | 0 |
| Bangalore | 0230 | 921 | 1500.4 | 909.5 | .. | 19.5 | 18.6 | 18.1 | 20.8 | 92 | .. | 4.7 | .. | 3.5 | 0 | 0 | 18 | 00 | 3 | 11 | 1 | 1 | 1 | 1 | 0 | 13 | 0 |
| | 0830 | 921 | 1516.2 | 910.9 | +0.6 | 21.1 | 19.3 | 18.3 | 20.9 | 85 | + 2 | 5.7 | -0.4 | 5.6 | 0 | 0 | 27 | 00 | 6 | 12 | 1 | 1 | 2 | 4 | 1 | 4 | 0 |
| | 1130 | 921 | 1521.4 | 910.6 | .. | 25.0 | 20.1 | 17.2 | 20.0 | 63 | .. | 5.6 | .. | 9.3 | 0 | 0 | 29 | 00 | 7 | 15 | 1 | 1 | 1 | 0 | 4 | 2 | 0 |
| | 1430 | 921 | 1504.5 | 908.6 | .. | 26.2 | 20.3 | 16.8 | 19.5 | 58 | .. | 5.7 | .. | 9.9 | 0 | 1 | 27 | 01 | 6 | 15 | 1 | 0 | 1 | 0 | 4 | 3 | 0 |
| | 1730 | 921 | 1499.7 | 908.6 | +1.4 | 23.8 | 19.6 | 17.0 | 19.4 | 69 | + 5 | 6.3 | +0.0 | 9.0 | 0 | 2 | 28 | 01 | 9 | 12 | 2 | 0 | 2 | 2 | 2 | 1 | 0 |
| | 2030 | 921 | 1512.0 | 910.5 | .. | 21.3 | 19.1 | 17.8 | 20.5 | 81 | .. | 4.5 | .. | 6.1 | 0 | 1 | 25 | 00 | 8 | 9 | 4 | 0 | 2 | 1 | 2 | 5 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1491.5 | 911.3 | .. | 19.1 | 18.5 | 18.1 | 20.8 | 94 | .. | 5.1 | .. | 3.2 | 0 | 0 | 12 | 01 | 1 | 5 | 1 | 1 | 0 | 3 | 0 | 19 | 0 |
| | 0830 | 897 | 1513.6 | 913.2 | +0.6 | 21.3 | 19.5 | 18.5 | 21.3 | 84 | + 4 | 5.7 | -0.4 | 7.7 | 0 | 0 | 23 | 01 | 5 | 8 | 1 | 2 | 1 | 3 | 2 | 8 | 0 |
| | 1130 | 897 | 1516.4 | 912.7 | .. | 25.0 | 20.1 | 17.3 | 19.7 | 63 | .. | 5.7 | .. | 10.6 | 0 | 2 | 25 | 00 | 4 | 17 | 0 | 1 | 0 | 3 | 2 | 4 | 0 |
| | 1730 | 897 | 1492.3 | 910.4 | +0.9 | 24.0 | 19.9 | 17.4 | 19.9 | 69 | + 2 | 6.2 | -0.4 | 9.8 | 0 | 4 | 20 | 01 | 6 | 11 | 2 | 0 | 0 | 1 | 2 | 7 | 1 |
| | 2330 | 897 | 1509.2 | 912.9 | .. | 20.4 | 19.2 | 18.4 | 21.1 | 89 | .. | 5.4 | .. | 4.1 | 0 | 0 | 18 | 03 | 2 | 8 | 1 | 0 | 1 | 1 | 0 | 15 | 0 |
| Mysore | 0830 | 767 | 1011.5 | 926.8 | +0.2 | 21.6 | 19.4 | 18.1 | 20.9 | 81 | - 4 | 3.8 | -1.8 | 10.5 | 0 | 3 | 28 | 02 | 8 | 3 | 3 | 3 | 7 | 2 | 3 | 0 | 0 |
| | 1730 | 767 | 1006.6 | 923.6 | +0.1 | 26.2 | 20.1 | 16.5 | 19.0 | 58 | - 3 | 4.2 | -1.7 | 12.2 | 0 | 7 | 24 | 02 | 14 | 0 | 8 | 1 | 3 | 0 | 3 | 0 | 0 |
| **KERALA** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1009.3 | 1008.7 | .. | 24.0 | 23.6 | 23.4 | 28.8 | 96 | .. | 5.3 | .. | 2.9 | 0 | 0 | 18 | 00 | 2 | 16 | 0 | 0 | 0 | 0 | 0 | 13 | 0 |
| | 0830 | 5 | 1011.1 | 1010.5 | 0.1 | 25.8 | 24.3 | 23.7 | 29.3 | 88 | + 3 | 4.2 | -1.3 | 2.3 | 0 | 0 | 13 | 00 | 0 | 11 | 0 | 0 | 0 | 0 | 2 | 18 | 0 |
| | 1130 | 5 | 1010.8 | 1010.2 | .. | 28.9 | 25.7 | 24.3 | 30.4 | 77 | .. | 4.5 | .. | 3.6 | 0 | 0 | 25 | 01 | 0 | 0 | 1 | 5 | 3 | 15 | 0 | 6 | 0 |
| | 1430 | 5 | 1008.5 | 1007.9 | .. | 29.6 | 26.2 | 24.8 | 31.3 | 76 | .. | 4.5 | .. | 4.5 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 7 | 3 | 15 | 1 | 5 | 0 |
| | 1730 | 5 | 1008.3 | 1007.7 | +0.1 | 28.3 | 25.4 | 24.1 | 30.0 | 78 | + 0 | 5.3 | -0.8 | 4.8 | 0 | 0 | 29 | 00 | 0 | 2 | 0 | 1 | 4 | 16 | 6 | 2 | 0 |
| | 2330 | 5 | 1011.0 | 1010.4 | .. | 25.6 | 24.7 | 24.3 | 30.4 | 93 | .. | 5.9 | .. | 1.3 | 0 | 0 | 7 | 00 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 24 | 0 |
| Palghat | 0830 | 97 | 1011.2 | 1000.2 | +0.2 | 26.4 | 24.0 | 22.8 | 27.9 | 81 | - 4 | 5.2 | -0.6 | 7.2 | 0 | 0 | 26 | 00 | 0 | 17 | 1 | 0 | 1 | 7 | 0 | 5 | 0 |
| | 1730 | 97 | 1007.5 | 996.6 | +0.0 | 27.8 | 24.3 | 22.6 | 27.6 | 75 | - 2 | 6.8 | +0.3 | 5.5 | 0 | 0 | 30 | 00 | 0 | 13 | 1 | 0 | 1 | 12 | 3 | 1 | 0 |
| Fort Cochin | 0830 | 3 | 1010.8 | 1010.5 | -0.6 | 26.8 | 24.8 | 23.9 | 29.7 | 84 | + 1 | 7.1 | +1.1 | 3.2 | 0 | 0 | 23 | 02 | 7 | 8 | 2 | 0 | 2 | 2 | 0 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KERALA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fort Cochin (Contd.) | 1730 | 3 | 1008.0 | 1007.7 | -0.2 | 27.7 | 25.3 | 24.2 | 30.7 | 81 | + 1 | 7.0 | +0.3 | 7.1 | 0 | 0 | 29 | 00 | 0 | 2 | 3 | 1 | 5 | 11 | 7 | 2 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1009.3 | 1009.0 | .. | 25.2 | 24.3 | 24.0 | 29.7 | 93 | .. | 6.7 | .. | 0.7 | 0 | 0 | 3 | 00 | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 28 | 0 |
| | 0530 | 3 | 1009.2 | 1008.9 | .. | 24.6 | 23.9 | 23.6 | 28.9 | 94 | .. | 6.5 | .. | 1.5 | 0 | 0 | 7 | 03 | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 24 | 0 |
| | 0830 | 3 | 1011.2 | 1010.9 | .. | 26.5 | 24.5 | 23.6 | 29.1 | 84 | .. | 5.8 | .. | 2.6 | 0 | 0 | 15 | 01 | 3 | 7 | 2 | 1 | 0 | 0 | 1 | 16 | 0 |
| | 1130 | 3 | 1010.9 | 1010.6 | .. | 29.0 | 25.4 | 23.7 | 29.5 | 74 | .. | 5.9 | .. | 5.6 | 0 | 0 | 21 | 00 | 1 | 1 | 1 | 5 | 4 | 8 | 1 | 10 | 0 |
| | 1730 | 3 | 1008.0 | 1007.7 | .. | 27.9 | 25.3 | 24.2 | 30.0 | 81 | .. | 6.3 | .. | 8.6 | 0 | 0 | 26 | 00 | 0 | 1 | 0 | 3 | 8 | 13 | 1 | 5 | 0 |
| | 2330 | 3 | 1011.1 | 1010.7 | .. | 25.6 | 24.5 | 24.0 | 29.8 | 91 | .. | 6.7 | .. | 2.2 | 0 | 0 | 10 | 02 | 3 | 1 | 2 | 0 | 0 | 1 | 1 | 21 | 0 |
| Alleppey | 0830 | 4 | 1011.0 | 1010.6 | +0.1 | 26.6 | 25.0 | 24.4 | 30.4 | 88 | + 3 | 6.0 | -0.2 | 5.0 | 0 | 1 | 28 | 00 | 12 | 6 | 9 | 0 | 1 | 1 | 0 | 2 | 0 |
| | 1730 | 4 | 1008.0 | 1007.6 | +0.0 | 27.9 | 25.3 | 24.2 | 30.0 | 81 | + 0 | 6.2 | -0.2 | 18.1 | 0 | 17 | 14 | 02 | 0 | 0 | 0 | 0 | 7 | 12 | 10 | 0 | 0 |
| Punalur | 0830 | 34 | 1011.1 | 1007.3 | +0.2 | 24.8 | 23.9 | 23.4 | 28.9 | 92 | + 1 | 6.3 | +0.9 | 0.7 | 0 | 0 | 3 | 00 | 0 | 0 | 1 | 1 | 0 | 1 | 0 | 28 | 0 |
| | 1730 | 34 | 1008.0 | 1004.2 | +0.1 | 27.9 | 24.9 | 23.6 | 28.9 | 79 | + 1 | 7.3 | +1.0 | 3.6 | 0 | 0 | 17 | 01 | 0 | 2 | 2 | 2 | 3 | 5 | 2 | 14 | 0 |
| Trivandrum | 0230 | 64 | 1009.1 | 1001.8 | .. | 24.3 | 23.7 | 23.5 | 28.8 | 95 | .. | 5.6 | .. | 2.2 | 0 | 0 | 11 | 03 | 4 | 1 | 0 | 0 | 0 | 1 | 2 | 20 | 0 |
| | 0530 | 64 | 1009.3 | 1001.9 | .. | 23.7 | 23.2 | 22.9 | 27.9 | 95 | .. | 5.8 | .. | 1.7 | 0 | 0 | 11 | 02 | 4 | 0 | 1 | 0 | 0 | 1 | 3 | 20 | 0 |
| | 0830 | 64 | 1011.1 | 1003.8 | -0.3 | 25.6 | 24.3 | 23.8 | 29.3 | 89 | + 2 | 5.9 | +0.5 | 4.5 | 0 | 0 | 23 | 07 | 1 | 3 | 5 | 0 | 0 | 0 | 7 | 8 | 0 |
| | 1130 | 64 | 1010.5 | 1003.2 | .. | 28.8 | 25.1 | 23.3 | 28.9 | 73 | .. | 6.6 | .. | 8.5 | 0 | 0 | 30 | 02 | 0 | 1 | 6 | 0 | 4 | 9 | 8 | 1 | 0 |
| | 1430 | 64 | 1007.9 | 1000.7 | .. | 28.5 | 24.9 | 23.3 | 28.6 | 74 | .. | 6.5 | .. | 11.9 | 0 | 1 | 30 | 01 | 1 | 0 | 2 | 1 | 6 | 16 | 4 | 0 | 0 |
| | 1730 | 64 | 1008.4 | 1001.1 | -0.1 | 27.1 | 24.7 | 23.6 | 29.1 | 81 | + 1 | 7.0 | +0.6 | 9.0 | 0 | 0 | 28 | 00 | 0 | 0 | 4 | 0 | 5 | 9 | 10 | 3 | 0 |
| | 2030 | 64 | 1010.7 | 1003.5 | .. | 25.5 | 24.3 | 23.8 | 29.5 | 90 | .. | 6.7 | .. | 4.2 | 0 | 0 | 22 | 01 | 1 | 1 | 1 | 0 | 3 | 8 | 7 | 9 | 0 |
| | 2330 | 64 | 1011.0 | 1003.7 | .. | 24.8 | 24.0 | 23.6 | 29.1 | 93 | .. | 6.9 | .. | 5.6 | 0 | 0 | 24 | 06 | 2 | 5 | 3 | 0 | 0 | 7 | 1 | 7 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1011.2 | 1010.3 | +0.0 | 26.7 | 24.4 | 23.4 | 28.6 | 83 | + 3 | 6.2 | +0.8 | 7.0 | 0 | 2 | 18 | 10 | 2 | 0 | 1 | 2 | 0 | 1 | 4 | 11 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1008.0 | 1007.6 | .. | 25.8 | 24.4 | 23.7 | 29.5 | 88 | .. | 5.0 | .. | 12.9 | 1 | 6 | 15 | 04 | 1 | 2 | 1 | 1 | 0 | 6 | 7 | 9 | 0 |
| | 0830 | 4 | 1010.2 | 1009.8 | -0.7 | 27.1 | 25.0 | 24.0 | 30.0 | 83 | + 3 | 5.7 | +0.5 | 11.8 | 1 | 3 | 23 | 05 | 4 | 3 | 2 | 3 | 2 | 3 | 5 | 4 | 0 |
| | 1130 | 4 | 1010.3 | 1009.8 | .. | 28.9 | 25.6 | 24.1 | 30.0 | 76 | .. | 5.7 | .. | 13.1 | 0 | 4 | 27 | 07 | 5 | 3 | 2 | 4 | 1 | 5 | 4 | 0 | 0 |
| | 1730 | 4 | 1007.3 | 1006.9 | .. | 28.5 | 25.5 | 24.1 | 30.2 | 77 | .. | 5.3 | .. | 12.8 | 0 | 5 | 25 | 06 | 4 | 2 | 2 | 2 | 2 | 6 | 6 | 1 | 0 |
| | 2330 | 4 | 1009.9 | 1009.4 | .. | 26.6 | 24.8 | 24.0 | 29.8 | 86 | .. | 4.9 | .. | 11.7 | 0 | 7 | 15 | 04 | 1 | 1 | 2 | 1 | 2 | 4 | 7 | 9 | 0 |
| Agatti | 0830 | 4 | 1010.4 | 1009.9 | .. | 28.2 | 25.8 | 24.8 | 31.3 | 85 | .. | 6.2 | .. | 9.5 | 0 | 4 | 25 | 06 | 4 | 3 | 2 | 0 | 1 | 3 | 10 | 2 | 0 |
| | 1730 | 4 | 1007.9 | 1007.5 | .. | 27.8 | 25.3 | 24.1 | 30.0 | 79 | .. | 5.5 | .. | 9.7 | 0 | 2 | 29 | 08 | 5 | 4 | 2 | 0 | 1 | 1 | 10 | 0 | 0 |
| Androth | 0830 | 5 | 1010.7 | 1010.2 | .. | 27.2 | 25.7 | 25.2 | 31.9 | 89 | .. | 6.1 | .. | 3.0 | 0 | 0 | 20 | 07 | 4 | 0 | 0 | 0 | 2 | 5 | 1 | 11 | 1 |
| | 1730 | 5 | 1008.2 | 1007.7 | .. | 28.2 | 26.3 | 25.5 | 32.6 | 85 | .. | 5.9 | .. | 2.6 | 0 | 0 | 14 | 03 | 2 | 0 | 0 | 0 | 0 | 2 | 6 | 17 | 1 |
| Minicoy | 0530 | 2 | 1009.0 | 1008.8 | .. | 25.5 | 23.8 | 23.0 | 27.9 | 86 | .. | 5.2 | .. | 5.5 | 0 | 3 | 11 | 00 | 0 | 0 | 1 | 0 | 0 | 11 | 12 | 17 | 0 |
| | 0830 | 2 | 1011.2 | 1011.0 | -0.2 | 27.5 | 24.8 | 23.5 | 28.9 | 73 | - 6 | 5.3 | +0.1 | 6.9 | 0 | 2 | 21 | 02 | 1 | 2 | 0 | 1 | 2 | 9 | 6 | 8 | 0 |
| | 1130 | 2 | 1011.2 | 1011.0 | .. | 28.9 | 25.3 | 23.7 | 29.3 | 74 | .. | 5.6 | .. | 9.5 | 0 | 1 | 26 | 00 | 1 | 3 | 0 | 3 | 0 | 11 | 9 | 4 | 0 |
| | 1430 | 2 | 1008.7 | 1008.5 | .. | 29.3 | 25.4 | 23.7 | 29.3 | 73 | .. | 5.8 | .. | 8.3 | 0 | 1 | 26 | 02 | 0 | 2 | 1 | 2 | 2 | 10 | 7 | 4 | 1 |
| | 1730 | 2 | 1008.6 | 1008.4 | -0.1 | 27.9 | 24.9 | 23.5 | 28.9 | 77 | - 1 | 5.8 | +0.2 | 7.9 | 0 | 2 | 23 | 01 | 1 | 1 | 0 | 1 | 3 | 9 | 9 | 6 | 0 |
| | 2030 | 2 | 1010.6 | 1010.4 | .. | 26.6 | 24.3 | 23.4 | 28.6 | 83 | .. | 4.8 | .. | 6.3 | 0 | 1 | 20 | 02 | 1 | 1 | 0 | 1 | 1 | 10 | 5 | 10 | 0 |
| | 2330 | 2 | 1011.1 | 1010.9 | .. | 25.9 | 24.0 | 23.1 | 28.3 | 85 | .. | 5.0 | .. | 8.2 | 0 | 5 | 14 | 01 | 0 | 1 | 1 | 0 | 2 | 11 | 3 | 12 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1439.1 | 800.1 | -0.7 | 16.1 | 9.4 | 2.7 | 7.4 | 42 | -22 | 1.1 | +0.0 | 2.9 | 0 | 0 | 30 | 00 | 25 | 3 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| | 1730 | 1959 | 1428.9 | 799.3 | -0.7 | 17.1 | 12.4 | 8.5 | 11.1 | 59 | - 4 | 1.1 | +0.0 | 2.5 | 0 | 0 | 25 | 02 | 4 | 3 | 1 | 2 | 2 | 10 | 0 | 6 | 1 |
| Dharmsala | 0830 | 1211 | 1554.2 | 885.2 | +0.9 | 19.9 | 13.9 | 9.0 | 11.5 | 50 | - 5 | 2.2 | +0.9 | 2.3 | 0 | 0 | 23 | 09 | 1 | 8 | 0 | 0 | 0 | 3 | 2 | 8 | 0 |
| | 1730 | 1211 | 1541.3 | 883.4 | +0.3 | 22.9 | 15.7 | 10.0 | 12.3 | 46 | -11 | 2.7 | +0.7 | 2.4 | 0 | 0 | 30 | 01 | 1 | 1 | 0 | 2 | 13 | 12 | 0 | 1 | 0 |
| Bhuntar | 0830 | 1096 | 1531.9 | 895.6 | .. | 11.9 | 10.2 | 8.6 | 11.1 | 81 | .. | 2.1 | .. | 3.2 | 0 | 0 | 25 | 14 | 3 | 1 | 2 | 1 | 0 | 0 | 4 | 6 | 0 |
| | 1130 | 1096 | 1527.0 | 893.9 | .. | 19.5 | 15.2 | 7.7 | 10.5 | 48 | .. | 2.4 | .. | 3.2 | 0 | 0 | 28 | 00 | 5 | 8 | 7 | 7 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 1096 | 1498.4 | 890.8 | .. | 20.6 | 13.6 | 7.5 | 10.3 | 44 | .. | 0.6 | .. | 5.9 | 0 | 2 | 24 | 03 | 0 | 2 | 4 | 9 | 3 | 1 | 4 | 5 | 0 |
| Simla | 0830 | 2202 | 1508.4 | 783.9 | -0.4 | 14.4 | 7.7 | - 0.1 | 6.1 | 40 | - 7 | 1.9 | +0.6 | 0.6 | 0 | 0 | 10 | 01 | 4 | 0 | 3 | 0 | 1 | 0 | 1 | 21 | 0 |
| | 1730 | 2202 | 1498.8 | 782.7 | -0.2 | 14.4 | 9.3 | 4.1 | 8.2 | 52 | - 7 | 1.7 | -0.4 | 1.3 | 0 | 0 | 20 | 01 | 2 | 0 | 6 | 2 | 7 | 0 | 2 | 11 | 0 |
| Ghangaria (Kanjalia Tok) | 0830 | | .. | .. | .. | 3.4 | 1.4 | - 1.1 | 5.6 | 72 | .. | 0.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | .. | .. | 13.4 | 9.2 | 5.2 | 8.8 | 58 | - 8 | 0.9 | -1.0 | 8.1 | 0 | 0 | 31 | 00 | 3 | 24 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 16.7 | 11.1 | 6.0 | 9.3 | 52 | -10 | 3.1 | -0.8 | 5.4 | 0 | 0 | 31 | 01 | 3 | 7 | 1 | 9 | 5 | 4 | 1 | 0 | 0 |
| Mussoorie | 0830 | 2042 | 1509.8 | 798.7 | -1.1 | 14.8 | 9.2 | 3.8 | 8.0 | 51 | -12 | 1.3 | -0.3 | 1.2 | 0 | 0 | 12 | 03 | 1 | 0 | 2 | 3 | 1 | 0 | 2 | 19 | 0 |
| | 1730 | 2042 | 1496.1 | 797.4 | -1.1 | 14.7 | 11.7 | 9.2 | 11.6 | 72 | - 6 | 2.9 | +0.2 | 1.2 | 0 | 0 | 24 | 04 | 2 | 0 | 7 | 8 | 2 | 1 | 0 | 7 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3161.8 | 775.4 | +1.0 | 12.9 | 8.0 | 2.6 | 7.4 | 51 | - 7 | 0.9 | -0.5 | 8.6 | 0 | 0 | 29 | 00 | 0 | 4 | 0 | 0 | 0 | 15 | 10 | 2 | 0 |
| | 1730 | 2311 | 3144.0 | 773.6 | +0.9 | 13.4 | 9.9 | 6.8 | 9.9 | 65 | - 5 | 1.8 | -0.3 | 13.2 | 0 | 2 | 29 | 00 | 0 | 1 | 0 | 0 | 3 | 16 | 11 | 0 | 0 |
| Nainital | 0830 | 1953 | 1508.5 | 807.1 | +0.7 | 16.2 | 9.7 | 3.2 | 7.7 | 44 | -15 | 0.5 | -1.4 | 4.8 | 0 | 0 | 26 | 06 | 4 | 5 | 5 | 0 | 0 | 4 | 2 | 5 | 0 |
| | 1730 | 1953 | 1488.8 | 805.0 | +0.3 | 15.4 | 10.1 | 5.3 | 8.7 | 52 | -22 | 0.5 | -1.8 | 7.8 | 0 | 0 | 31 | 02 | 1 | 0 | 0 | 1 | 1 | 26 | 0 | 0 | 0 |
| Kalimpong | 0830 | 1209 | 1523.0 | 882.0 | +2.0 | 17.8 | 16.0 | 14.8 | 16.8 | 83 | + 1 | . | .. | 4.3 | 0 | 0 | 31 | 00 | 0 | 0 | 2 | 0 | 0 | 0 | 29 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **HILL STATIONS (EXCLUDING KASHMIR) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalimpong (Contd.) | 1730 | 1209 | 1493.0 | 878.8 | +1.4 | 18.7 | 16.8 | 15.7 | 17.8 | 83 | - 2 | . | .. | 4.0 | 0 | 0 | 31 | 00 | 0 | 1 | 29 | 0 | 0 | 0 | 1 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1539.6 | 793.4 | -0.3 | 13.7 | 12.2 | 10.9 | 13.0 | 85 | +10 | 4.7 | +0.4 | 0.1 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 29 | 0 |
| | 1730 | 2128 | 1514.1 | 791.0 | -0.2 | 13.1 | 12.1 | 11.2 | 13.3 | 90 | + 1 | 5.7 | +0.2 | 0.6 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 26 | 0 |
| Kohima | 0830 | 1406 | 1561.2 | 865.7 | +1.8 | 18.2 | 15.3 | 13.3 | 15.3 | 75 | - 6 | 3.2 | -1.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1406 | 1517.4 | 871.2 | +0.2 | 19.0 | 17.2 | 16.1 | 18.3 | 83 | - 7 | 5.1 | +0.2 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Shillong (C.S.O.) | 0830 | 1598 | 1518.0 | 842.3 | +1.0 | 18.6 | 14.7 | 12.2 | 14.2 | 67 | - 4 | 2.9 | -0.7 | 3.6 | 0 | 2 | 9 | 02 | 1 | 5 | 0 | 1 | 1 | 0 | 1 | 20 | 0 |
| | 1730 | 1598 | 1493.9 | 839.9 | +1.3 | 16.3 | 15.6 | 15.2 | 17.3 | 93 | + 6 | 6.3 | -0.2 | 1.9 | 0 | 1 | 3 | 00 | 0 | 1 | 2 | 0 | 1 | 0 | 0 | 27 | 0 |
| Cherrapunji | 0830 | 1313 | 1500.8 | 868.8 | -2.0 | 19.8 | 16.2 | 13.8 | 15.8 | 69 | - 6 | 3.0 | -1.0 | 5.4 | 0 | 0 | 31 | 01 | 26 | 1 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1486.6 | 867.3 | -0.7 | 20.0 | 16.5 | 14.2 | 16.2 | 71 | -16 | 3.0 | -0.9 | 6.2 | 0 | 0 | 31 | 00 | 14 | 0 | 0 | 0 | 15 | 2 | 0 | 0 | 0 |
| Abu | 0830 | 1195 | 1529.3 | 883.3 | +0.4 | 23.7 | 15.1 | 7.9 | 10.7 | 37 | -11 | 0.0 | -1.0 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 29 | 0 |
| | 1730 | 1195 | 1513.4 | 881.4 | +0.4 | 26.5 | 15.5 | 6.1 | 9.4 | 28 | -14 | 0.0 | -1.6 | 1.2 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 0 | 3 | 5 | 0 | 23 | 0 |
| Aijal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1537.3 | 896.5 | +1.2 | 23.7 | 16.3 | 11.0 | 13.0 | 45 | -19 | 1.5 | -1.3 | 1.0 | 0 | 0 | 14 | 00 | 2 | 4 | 0 | 1 | 2 | 3 | 2 | 17 | 0 |
| | 1730 | 1075 | 1515.6 | 893.8 | +0.8 | 26.5 | 16.4 | 8.2 | 11.3 | 32 | -24 | 2.4 | -0.8 | 1.5 | 0 | 0 | 23 | 01 | 10 | 1 | 0 | 0 | 0 | 1 | 10 | 8 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1521.5 | 864.1 | +0.5 | 20.2 | 15.8 | 12.4 | 14.8 | 64 | -11 | 1.1 | -2.7 | 11.6 | 0 | 0 | 31 | 00 | 30 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 1382 | 1504.3 | 862.2 | +0.6 | 22.9 | 18.1 | 14.9 | 17.3 | 64 | -14 | 2.1 | -2.5 | 10.0 | 0 | 0 | 31 | 00 | 26 | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 |
| Mercara | 0830 | 1152 | 1508.5 | 886.1 | +0.2 | 19.3 | 17.6 | 16.5 | 18.9 | 83 | - 6 | 5.2 | +0.5 | 12.6 | 0 | 5 | 26 | 02 | 16 | 2 | 1 | 0 | 0 | 2 | 1 | 0 | 0 |
| | 1730 | 1152 | 1492.3 | 884.2 | +0.7 | 21.6 | 18.7 | 16.7 | 19.5 | 77 | - 8 | 5.3 | +0.1 | 9.4 | 0 | 0 | 31 | 02 | 14 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 10 |
| Ootacamund | 0830 | 2249 | 1516.2 | 780.3 | +0.6 | 13.0 | 11.3 | 9.9 | 12.2 | 83 | - 3 | 4.5 | +0.0 | 3.0 | 0 | 0 | 13 | 00 | 9 | 3 | 0 | 0 | 0 | 1 | 0 | 18 | 0 |
| | 1730 | 2249 | 1483.3 | 777.7 | -0.2 | 14.7 | 12.8 | 11.3 | 13.9 | 83 | - 2 | 5.9 | -0.4 | 1.5 | 0 | 0 | 13 | 00 | 9 | 2 | 0 | 0 | 2 | 0 | 0 | 18 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 17.6 | 14.6 | 12.4 | 14.7 | 75 | - 1 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3153.3 | 771.6 | +0.0 | 13.4 | 11.9 | 10.5 | 12.9 | 84 | - 1 | 6.3 | +0.7 | 8.6 | 0 | 1 | 28 | 04 | 3 | 3 | 5 | 1 | 0 | 3 | 10 | 2 | 0 |
| | 1130 | 2343 | 3158.0 | 771.5 | .. | 15.6 | 13.2 | 11.5 | 13.7 | 79 | .. | 6.8 | .. | 8.3 | 0 | 2 | 28 | 05 | 4 | 4 | 6 | 1 | 1 | 1 | 8 | 1 | 0 |
| | 1730 | 2343 | 3133.0 | 769.8 | +0.0 | 13.2 | 12.6 | 12.1 | 14.0 | 93 | + 1 | 7.5 | +0.4 | 7.0 | 0 | 0 | 23 | 04 | 2 | 2 | 6 | 1 | 0 | 1 | 7 | 8 | 0 |
| **NEPAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1525.6 | 870.6 | -0.3 | 15.4 | 14.1 | 13.2 | 15.2 | 87 | + 3 | 3.1 | -1.5 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1130 | 1324 | 1516.4 | 869.2 | .. | 22.7 | 16.1 | 11.3 | 13.5 | 49 | .. | 3.6 | .. | 0.6 | 0 | 0 | 6 | 00 | 1 | 1 | 0 | 0 | 1 | 1 | 2 | 25 | 0 |
| | 1730 | 1324 | 1496.5 | 867.4 | -0.3 | 19.4 | 15.8 | 13.2 | 15.3 | 68 | - 8 | 2.5 | -0.8 | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | 0 |
| **SIKKIM** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 9.8 | 5.5 | 0.4 | 6.3 | 52 | -24 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **HYDROMETEOROLOGICAL OBSERVATORIES** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **DAMODAR CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 27.0 | 20.8 | 16.9 | 19.3 | 55 | .. | 1.2 | .. | 3.2 | 0 | 0 | 20 | 03 | 0 | 3 | 3 | 0 | 2 | 1 | 8 | 11 | 0 |
| | 1730 | | .. | .. | .. | 29.6 | 20.2 | 13.9 | 15.9 | 39 | .. | 0.7 | .. | 4.3 | 0 | 0 | 23 | 02 | 0 | 3 | 2 | 0 | 0 | 3 | 13 | 8 | 0 |
| Hazaribagh | 0830 | 6154 | 1011.0 | 943.2 | .. | 25.8 | 20.3 | 17.2 | 19.6 | 61 | .. | 1.4 | .. | 2.9 | 0 | 0 | 21 | 04 | 0 | 4 | 2 | 2 | 5 | 3 | 1 | 10 | 0 |
| | 1730 | 6154 | 1007.7 | 940.2 | .. | 25.6 | 20.1 | 17.0 | 19.4 | 60 | .. | 0.8 | .. | 0.8 | 0 | 0 | 8 | 01 | 0 | 2 | 1 | 0 | 0 | 1 | 3 | 23 | 0 |
| Konar | 0830 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.5 | .. | 4.6 | 0 | 0 | 31 | 00 | 0 | 4 | 1 | 0 | 0 | 19 | 7 | 0 | 0 |
| | 1730 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.4 | .. | 3.9 | 0 | 0 | 31 | 00 | 0 | 4 | 0 | 0 | 0 | 20 | 7 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1011.5 | 984.2 | .. | 25.0 | 21.4 | 19.2 | 22.2 | 71 | .. | 1.6 | .. | 1.1[e] | 0 | 0 | 9 | 01 | 0 | 1 | 1 | 2 | 1 | 2 | 1 | 19 | 0 |
| | 1730 | 2420 | 1007.7 | 980.7 | .. | 27.8 | 23.7 | 21.8 | 26.1 | 70 | .. | 1.5 | .. | 2.0[e] | 0 | 0 | 12 | 01 | 1 | 3 | 3 | 1 | 2 | 1 | 0 | 16 | 0 |
| Maithon | 0830 | | .. | .. | .. | 27.7 | 22.9 | 20.2 | 23.7 | 66 | .. | 2.8 | .. | .. | 0 | 0 | 31 | 00 | 2 | 0 | 8 | 1 | 9 | 3 | 6 | 2 | 0 |
| | 1730 | | .. | .. | .. | 29.6 | 23.9 | 21.0 | 24.9 | 61 | .. | 2.7 | .. | .. | 0 | 0 | 31 | 00 | 5 | 0 | 3 | 3 | 10 | 4 | 6 | 0 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 24.2 | 20.7 | 18.5 | 21.3 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 27.9 | 21.8 | 18.0 | 20.6 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 26.3 | 23.1 | 21.6 | 25.6 | 76 | .. | 2.5 | .. | 3.5 | 0 | 0 | 21 | 00 | 4 | 0 | 4 | 0 | 10 | 0 | 3 | 10 | 0 |
| | 1730 | | .. | .. | .. | 27.5 | 22.2 | 19.3 | 22.4 | 63 | .. | 2.5 | .. | 1.3 | 0 | 0 | 9 | 00 | 1 | 0 | 7 | 0 | 1 | 0 | 0 | 22 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 26.7 | 23.2 | 21.4 | 25.5 | 73 | .. | 3.1 | .. | 5.7 | 0 | 0 | 26 | 02 | 2 | 1 | 6 | 10 | 1 | 0 | 4 | 5 | 0 |
| | 1730 | | .. | .. | .. | 27.9 | 23.5 | 21.0 | 24.9 | 67 | .. | 3.3 | .. | 4.8 | 0 | 0 | 29 | 01 | 3 | 6 | 6 | 10 | 0 | 0 | 3 | 2 | 0 |
| **MAHANADI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 24.9 | 20.9 | 18.7 | 21.8 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1012.2 | 994.3 | .. | 27.3 | 23.3 | 21.3 | 25.3 | 68 | .. | 1.2 | .. | 2.3 | 0 | 0 | 17 | 04 | 1 | 4 | 0 | 5 | 3 | 0 | 0 | 14 | 0 |
| | 1130 | 159 | 1010.9 | 993.1 | .. | 31.2 | 23.9 | 20.2 | 23.7 | 52 | .. | 1.1 | .. | 3.5 | 0 | 0 | 26 | 02 | 3 | 2 | 0 | 3 | 2 | 12 | 2 | 5 | 0 |
| | 1730 | 159 | 1008.2 | 990.4 | .. | 30.0 | 23.4 | 20.0 | 23.4 | 56 | .. | 1.5 | .. | 0.5 | 0 | 0 | 3 | 00 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 28 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 24.8 | 22.3 | 20.9 | 24.7 | 80 | .. | 2.9 | .. | 0.9[m] | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 16 | 0 |
| | 1730 | | .. | .. | .. | 27.3 | 22.6 | 20.0 | 23.4 | 66 | .. | 3.1 | .. | 0.1[m] | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 15 | 0 |
| Sonepur | 0830 | | .. | .. | .. | 26.1 | 23.2 | 21.7 | 25.9 | 78 | .. | . | .. | 1.6 | 0 | 0 | 14 | 00 | 6 | 0 | 4 | 0 | 2 | 0 | 2 | 17 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 25.2 | 21.3 | 18.9 | 22.1 | 69 | .. | 7.9 | .. | 3.5 | 0 | 0 | 30 | 01 | 3 | 4 | 8 | 3 | 6 | 2 | 3 | 1 | 0 |
| | 1730 | | .. | .. | .. | 28.2 | 21.4 | 17.1 | 20.0 | 53 | .. | 7.5 | .. | 3.4 | 0 | 0 | 27 | 07 | 6 | 1 | 1 | 1 | 5 | 2 | 4 | 4 | 0 |
| **NARMADA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 24.5 | 19.8 | 16.9 | 19.3 | 63 | .. | 1.7[c] | .. | 8.9[c] | 0 | 0 | 26 | 01 | 1 | 2 | 4 | 7 | 8 | 2 | 1 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations * Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **NARMADA CATCHMENT (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa (Contd.) | 1730 | | .. | .. | .. | 31.6 | 23.1 | 18.3 | 21.3 | 46 | .. | 1.9[c] | .. | 8.2[c] | 0 | 0 | 24 | 01 | 1 | 1 | 13 | 5 | 2 | 0 | 1 | 4 | 0 |
| Punasa | 0830 | | .. | .. | .. | 27.5 | .. | .. | .. | .. | .. | 0.0 | .. | 4.8 | 0 | 0 | 27 | 01 | 17 | 2 | 3 | 1 | 2 | 0 | 1 | 4 | 0 |
| | 1730 | | .. | .. | .. | 32.4 | .. | .. | .. | .. | .. | 0.0 | .. | 4.3 | 0 | 0 | 28 | 00 | 23 | 0 | 1 | 0 | 3 | 1 | 0 | 3 | 0 |
| Thikri | 0830 | | .. | .. | .. | 28.2 | 20.0 | 14.7 | 16.7 | 43 | .. | 0.1 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SABARMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 26.0 | 18.6 | 13.3 | 15.5 | 46 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 33.9 | 21.2 | 12.3 | 14.9 | 28 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GANDAK CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | 2800 | .. | .. | .. | 12.4 | 8.2 | 4.5 | 8.5 | 59 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730[a] | 2800 | .. | .. | .. | 11.3 | 8.7 | 6.7 | 9.8 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | 823 | .. | .. | .. | 19.5 | 16.1 | 13.8 | 15.9 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 823 | .. | .. | .. | 20.9 | 18.0 | 16.3 | 18.6 | 75 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | 1676 | .. | .. | .. | 12.0 | 9.9 | 8.1 | 11.0 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1676 | .. | .. | .. | 16.9 | 13.1 | 10.4 | 12.7 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | 918 | .. | .. | .. | 20.4 | 17.5 | 15.6 | 17.8 | 75 | .. | 2.3 | .. | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 29 | 0 |
| | 1130 | 918 | .. | .. | .. | 23.7 | 18.8 | 16.1 | 18.3 | 63 | .. | 3.3 | .. | 3.3 | 0 | 0 | 25 | 00 | 0 | 2 | 18 | 5 | 0 | 0 | 0 | 6 | 0 |
| | 1730 | 918 | .. | .. | .. | 21.8 | 19.3 | 17.9 | 20.6 | 79 | .. | 4.2 | .. | 0.5 | 0 | 0 | 5 | 01 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 26 | 0 |
| Gorkha | 0830 | 1135 | .. | .. | .. | 19.6 | 17.1 | 15.5 | 17.7 | 78 | .. | 2.7 | .. | .. | . | .. | .. | 00 | 0 | 0 | 2 | 5 | 14 | 0 | 0 | 10 | 0 |
| | 1130 | 1135 | .. | .. | .. | 22.2 | 18.5 | 16.3 | 18.6 | 70 | .. | 2.5 | .. | .. | . | .. | .. | 00 | 1 | 0 | 4 | 3 | 21 | 0 | 0 | 2 | 0 |
| | 1730 | 1135 | .. | .. | .. | 20.4 | 17.0 | 14.8 | 16.9 | 71 | .. | 1.9 | .. | .. | . | .. | .. | 01 | 0 | 0 | 0 | 2 | 10 | 3 | 2 | 13 | 0 |
| Nuwakot | 0830 | 970 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 970 | ● | | | | | | | | | | | | | | | | | | | | | | | | |
| **GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | 1304 | .. | .. | .. | 18.1 | 15.1 | 13.0 | 15.3 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1304 | .. | .. | .. | 19.7 | 16.5 | 14.3 | 16.6 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **GHAGHARA CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | 1837 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 1837 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1837 | Temporarily closed from 28.5.1966 | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | 1457 | .. | .. | .. | 19.7 | 15.1 | 11.7 | 13.9 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1457 | .. | .. | .. | 19.4 | 15.5 | 12.8 | 14.9 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | 263 | .. | .. | .. | 24.9 | 20.3 | 17.6 | 20.2 | 64 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 263 | .. | .. | .. | 25.7 | 22.2 | 20.3 | 23.9 | 72 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BAGHMATI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | Data included under Nepal | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **KOSI CATCHMENT** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | 1676 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1676 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Walungchung Gola | 0830 | 3048 | .. | .. | .. | 8.0 | 5.2 | 2.4 | 7.3 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 3048 | .. | .. | .. | 6.2 | 5.2 | 4.3 | 8.3 | 88 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | 1372 | .. | .. | .. | 16.5 | 13.7 | 11.5 | 13.7 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1372 | .. | .. | .. | 18.4 | 15.1 | 12.8 | 14.8 | 70 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | 1524 | .. | .. | .. | 18.0 | 15.3 | 13.7 | 15.7 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 16.0 | 14.9 | 14.2 | 16.2 | 89 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | 1768 | .. | .. | .. | 15.4 | 12.9 | 11.0 | 13.2 | 77 | .. | 4.6 | .. | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 29 | 0 |
| | 1130 | 1768 | .. | .. | .. | 18.7 | 14.9 | 12.4 | 14.4 | 67 | .. | 4.7 | .. | .. | . | .. | .. | 01 | 0 | 1 | 0 | 1 | 6 | 9 | 8 | 5 | 0 |
| | 1730 | 1768 | .. | .. | .. | 16.3 | 13.4 | 11.4 | 13.5 | 73 | .. | 4.7 | .. | .. | . | .. | .. | 00 | 0 | 0 | 3 | 8 | 0 | 0 | 0 | 20 | 0 |
| Okhaldhunga | 0830 | 2103 | .. | .. | .. | 15.7 | 13.7 | 12.4 | 14.5 | 81 | .. | 3.4 | .. | 0.6 | 0 | 0 | 6 | 00 | 0 | 0 | 0 | 2 | 1 | 1 | 2 | 25 | 0 |
| | 1130 | 2103 | .. | .. | .. | 18.5 | 15.0 | 12.7 | 14.7 | 70 | .. | 3.7 | .. | 1.5 | 0 | 0 | 13 | 00 | 0 | 0 | 0 | 1 | 3 | 8 | 1 | 18 | 0 |
| | 1730 | 2103 | .. | .. | .. | 15.3 | 13.7 | 12.7 | 14.8 | 85 | .. | 4.0 | .. | 2.6 | 0 | 0 | 18 | 00 | 0 | 0 | 0 | 1 | 3 | 12 | 2 | 13 | 0 |
| Chainpur | 0830 | 1329 | .. | .. | .. | 18.3 | 16.2 | 14.8 | 16.9 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1329 | .. | .. | .. | 19.6 | 16.5 | 14.5 | 16.6 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | 1219 | .. | .. | .. | 20.8 | 16.9 | 14.3 | 16.5 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1219 | .. | .. | .. | 20.8 | 16.9 | 14.3 | 16.5 | 68 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Barahakshetra | 0830 | 146 | 1013.4 | 996.7 | .. | 23.1 | 20.2 | 18.5 | 21.4 | 76 | .. | 2.4 | .. | 2.3 | 0 | 0 | 26 | 00 | 5 | 5 | 7 | 1 | 3 | 4 | 1 | 5 | 0 |
| | 1130 | 146 | 1011.6 | 995.1 | .. | 27.4 | 22.7 | 20.3 | 23.8 | 66 | .. | 3.5 | .. | 2.7 | 0 | 0 | 30 | 01 | 1 | 3 | 1 | 1 | 13 | 10 | 0 | 1 | 0 |
| | 1730 | 146 | 1009.3 | 992.7 | .. | 23.7 | 22.1 | 21.3 | 25.4 | 87 | .. | 2.5 | .. | 1.6 | 0 | 0 | 24 | 00 | 0 | 18 | 6 | 0 | 0 | 0 | 0 | 7 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - OCTOBER 1966 (ASVINA 9 - KARTIKA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | Wind direction | | | | | | | | | |
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1523.5 | 821.8 | .. | 14.4 | 12.6 | 11.3 | 13.5 | 83 | .. | 4.7 | .. | 1.6 | 0 | 0 | 12 | 05 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 1130 | 1812 | 1510.8 | 821.0 | .. | 18.5 | 15.3 | 13.4 | 15.4 | 73 | .. | 4.9 | .. | 4.3 | 0 | 0 | 25 | 03 | 1 | 1 | 1 | 11 | 7 | 1 | 0 | 6 | 0 |
| | 1730 | 1812 | 1494.7 | 819.2 | .. | 15.8 | 13.7 | 12.2 | 14.3 | 80 | .. | 5.9 | .. | 2.2 | 0 | 0 | 15 | 01 | 1 | 0 | 6 | 4 | 3 | 0 | 0 | 16 | 0 |
| Gezing | 0830 | 1524 | .. | .. | .. | 16.8 | 14.8 | 13.5 | 15.6 | 82 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 17.2 | 15.0 | 13.6 | 15.7 | 80 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 55 stations in India. Out of these, at 40 stations all the observations were taken by means of pilot balloons and at 15 stations some observations were made by means of pilot balloons while the other observations by the radiowind method. In the case of Bangalore, the observations were taken by following radiosonde balloon by means of an optical theodolite. Particulars of these stations, their co-ordinates and the approximate times of the regular pilot balloon and rawin ascents at each station are given in the table overleaf. All radiowind ascents have been indicated by means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the scheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. above mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km.above mean sea level. Of these the levels 1.5, 3.0, 5.4, 7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, and 30 km.above mean sea level are considered as the best approximations to the standard pressure levels 850, 700, 500, 400, 300, 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| No. | Station | Latitude ° ' N | Longitude ° ' E | Height of anemometer head a.m.s.l. in metres | Date of Opening | Approximate times of flight (IST) | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530 | | 1730 | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 229 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530@ | 1130 | 1730@ | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/ Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1943 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May. 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 552 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Jodhpur | 26 18 | 73 01 | 229 | 15th Oct. 1934 | 0530* | 1130 | 1730* | 2330 |
| 38. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530* | 1130 | 1730* | 2330 |
| 39. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 40. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 41. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 42. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 43. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 29th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 44. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 45. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 46. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 47. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 48. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 49. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 50. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 51. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 52. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 53. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 54. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 55. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

@ Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.5 | 00.3 | 039 | 31 | 00.8 | 00.4 | 276 | 31 | 00.6 | 00.1 | 207 | 31 | 01.1 | 00.8 | 351 | 31 | 01.7 | 01.0 | 042 | 31 | 00.9 | 00.7 | 311 |
| .15 A.G.L. | 28 | 03.0 | 01.5 | 061 | 27 | 02.5 | 01.6 | 330 | 27 | 02.6 | 00.7 | 024 | 31 | 07.0 | 05.6 | 343 | 31 | 02.5 | 01.2 | 042 | 31 | 03.0 | 01.7 | 309 |
| .3A.M.S.L. | 28 | 03.1 | 01.2 | 037 | 27 | 02.5 | 01.4 | 334 | 27 | 02.4 | 00.7 | 326 | 31 | 07.0 | 05.7 | 342 | 31 | 02.9 | 01.2 | 069 | 31 | 02.9 | 01.6 | 312 |
| .6 ,, | 28 | 02.9 | 01.1 | 034 | 27 | 02.3 | 00.9 | 335 | 27 | 02.4 | 00.8 | 284 | 31 | 06.2 | 04.8 | 338 | 31 | 03.3 | 01.4 | 034 | 31 | 02.7 | 01.2 | 313 |
| .9 ,, | 28 | 03.0 | 00.6 | 357 | 27 | 02.5 | 00.6 | 312 | 27 | 02.5 | 00.8 | 254 | 31 | 04.9 | 03.3 | 342 | 31 | 03.1 | 01.0 | 008 | 31 | 03.0 | 01.6 | 319 |
| 1.5 ,, | 27 | 03.9 | 01.6 | 314 | 27 | 03.2 | 01.2 | 283 | 27 | 03.2 | 01.2 | 246 | 31 | 04.4 | 01.2 | 325 | 31 | 03.2 | 00.8 | 326 | 31 | 03.5 | 01.5 | 323 |
| 2.1 ,, | 25 | 05.0 | 02.1 | 282 | 27 | 04.1 | 02.7 | 277 | 27 | 03.6 | 02.0 | 254 | 31 | 03.9 | 01.0 | 181 | 31 | 02.3 | 00.2 | 181 | 31 | 03.7 | 01.3 | 310 |
| 3.0 ,, | 24 | 05.4 | 03.2 | 267 | 27 | 05.3 | 04.1 | 277 | 25 | 05.2 | 03.8 | 277 | 31 | 05.3 | 02.3 | 188 | 31 | 03.5 | 01.1 | 351 | 31 | 05.1 | 01.3 | 353 |
| 3.6 ,, | 23 | 05.7 | 03.9 | 267 | 27 | 06.6 | 05.8 | 271 | 02 | 08.0 | 07.7 | 265 | 31 | 05.0 | 01.2 | 262 | 31 | 04.4 | 01.4 | 318 | 31 | 05.7 | 02.4 | 018 |
| 4.5 ,, | 20 | 08.9 | 07.8 | 267 | 26 | 08.2 | 07.7 | 263 | 01 | 08.0 | 08.0 | 250 | 31 | 06.4 | 03.4 | 333 | 31 | 05.7 | 04.4 | 288 | 31 | 05.1 | 02.5 | 212 |
| 5.4 ,, | 19 | 10.5 | 09.6 | 268 | 19 | 11.6 | 10.6 | 264 | | | | | 31 | 07.5 | 05.4 | 301 | 31 | 08.3 | 07.6 | 284 | 31 | 06.8 | 05.3 | 294 |
| 6.0 ,, | 17 | 12.6 | 11.8 | 268 | 18 | 13.6 | 12.9 | 268 | | | | | 31 | 08.5 | 07.0 | 300 | 31 | 10.0 | 09.1 | 285 | 31 | 08.3 | 07.3 | 288 |
| 7.2 ,, | 09 | 14.1 | 13.2 | 260 | 17 | 16.9 | 16.6 | 265 | | | | | 31 | 13.4 | 12.5 | 289 | 18 | 14.2 | 13.0 | 275 | 31 | 13.6 | 12.5 | 290 |
| 9.0 ,, | 06 | 19.8 | 19.0 | 266 | 10 | 18.3 | 18.0 | 263 | | | | | 31 | 20.3 | 19.0 | 285 | 15 | 19.0 | 18.1 | 271 | 31 | 18.5 | 16.8 | 284 |

| STATION | AHMADABAD | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | AMBALA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.3 | 00.1 | 294 | 31 | 00.4 | 00.2 | 061 | 31 | 00.6 | 00.6 | 329 | 31 | 00.2 | 00.2 | 068 | 31 | 01.2 | 00.4 | 084 | 31 | 01.4 | 00.6 | 089 |
| .15 A.G.L. | 31 | 03.9 | 01.7 | 278 | 31 | 04.4 | 03.0 | 118 | 31 | 04.2 | 03.3 | 004 | 31 | 05.0 | 03.1 | 061 | 30 | 05.5 | 01.7 | 050 | 31 | 04.5 | 01.3 | 080 |
| .3A.M.S.L. | 31 | 03.7 | 01.8 | 288 | 31 | 04.4 | 02.9 | 117 | 31 | 04.4 | 03.4 | 358 | 31 | 04.7 | 02.8 | 056 | 30 | 02.8 | 01.3 | 093 | 31 | 02.2 | 00.9 | 083 |
| .6 ,, | 31 | 03.5 | 01.7 | 300 | 31 | 04.3 | 00.4 | 091 | 31 | 04.5 | 03.2 | 348 | 31 | 03.8 | 01.7 | 024 | 30 | 05.7 | 01.2 | 026 | 31 | 04.8 | 01.3 | 061 |
| .9 ,, | 31 | 03.3 | 01.9 | 314 | 31 | 03.8 | 01.3 | 316 | 31 | 04.5 | 03.1 | 330 | 31 | 04.1 | 02.4 | 325 | 30 | 05.3 | 02.0 | 332 | 31 | 05.1 | 01.0 | 016 |
| 1.5 ,, | 31 | 03.1 | 01.7 | 332 | 31 | 05.7 | 04.7 | 316 | 31 | 05.3 | 04.0 | 308 | 31 | 06.1 | 05.1 | 303 | 30 | 06.1 | 03.5 | 305 | 31 | 04.8 | 02.1 | 302 |
| 2.1 ,, | 31 | 03.7 | 01.0 | 001 | 31 | 08.3 | 07.4 | 321 | 31 | 08.1 | 06.0 | 307 | 31 | 08.0 | 07.0 | 304 | 28 | 06.0 | 05.2 | 303 | 31 | 05.5 | 03.7 | 293 |
| 3.0 ,, | 31 | 05.7 | 01.5 | 048 | 31 | 10.5 | 09.6 | 319 | 31 | 09.1 | 08.2 | 308 | 30 | 08.8 | 08.1 | 301 | 27 | 07.7 | 06.8 | 306 | 30 | 06.9 | 05.3 | 293 |
| 3.6 ,, | 17 | 05.7 | 01.1 | 041 | 31 | 09.9 | 09.1 | 311 | 31 | 09.1 | 08.4 | 305 | 03 | 07.0 | 06.8 | 312 | 26 | 08.3 | 07.6 | 300 | 29 | 08.0 | 04.0 | 311 |
| 4.5 ,, | 04 | 03.5 | 01.6 | 256 | 28 | 10.1 | 09.5 | 303 | 27 | 10.5 | 09.8 | 296 | | | | | 25 | 10.4 | 09.7 | 295 | 28 | 09.8 | 08.6 | 287 |
| 5.4 ,, | 01 | 01.0 | 00.9 | 018 | 26 | 11.2 | 10.4 | 295 | 25 | 11.5 | 11.2 | 292 | | | | | 24 | 13.5 | 12.8 | 290 | 25 | 12.4 | 11.0 | 285 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 015 | 24 | 11.9 | 11.0 | 286 | 19 | 12.8 | 12.0 | 283 | | | | | 24 | 15.6 | 14.8 | 288 | 25 | 14.4 | 12.7 | 282 |
| 7.2 ,, | | | | | 11 | 15.4 | 14.4 | 270 | 04 | 20.7 | 20.4 | 273 | | | | | 09 | 22.0 | 21.6 | 280 | 10 | 20.1 | 19.1 | 277 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 02 | 31.5 | 31.5 | 277 | | | | |

| STATION | AMBALA | | | | | | | | AMINI | | | | | | | | | | | | ANANTAPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.3 | 303 | 31 | 01.5 | 00.7 | 339 | 31 | 03.9 | 02.1 | 300 | 31 | 03.8 | 01.7 | 307 | 31 | 03.6 | 01.9 | 306 | 31 | 00.8 | 00.5 | 101 |
| .15 A.G.L. | 31 | 03.9 | 01.7 | 302 | 31 | 06.6 | 03.5 | 350 | 25 | 04.8 | 01.8 | 314 | 31 | 04.4 | 01.7 | 320 | 31 | 04.5 | 01.3 | 286 | 30 | 04.1 | 02.8 | 106 |
| .3A.M.S.L. | 31 | 02.3 | 01.1 | 299 | 31 | 03.6 | 01.8 | 360 | 25 | 04.8 | 01.8 | 313 | 31 | 04.6 | 01.7 | 325 | 31 | 04.6 | 01.3 | 296 | | | | |
| .6 ,, | 31 | 04.4 | 02.1 | 319 | 31 | 06.1 | 03.6 | 343 | 25 | 05.2 | 01.9 | 317 | 31 | 05.3 | 01.8 | 334 | 31 | 05.0 | 01.1 | 311 | 30 | 04.3 | 02.8 | 109 |
| .9 ,, | 31 | 04.6 | 02.1 | 310 | 31 | 05.4 | 03.5 | 335 | 24 | 05.4 | 00.9 | 017 | 31 | 05.2 | 01.5 | 360 | 31 | 05.1 | 00.7 | 008 | 30 | 05.9 | 04.5 | 097 |
| 1.5 ,, | 31 | 04.8 | 03.7 | 308 | 31 | 05.1 | 03.6 | 300 | 24 | 06.3 | 02.3 | 083 | 29 | 05.5 | 02.5 | 065 | 28 | 05.7 | 03.5 | 078 | 30 | 07.8 | 06.7 | 080 |
| 2.1 ,, | 30 | 07.0 | 04.8 | 300 | 31 | 06.4 | 05.8 | 295 | 20 | 06.9 | 05.3 | 083 | 25 | 06.3 | 04.6 | 086 | 26 | 06.2 | 04.4 | 082 | 30 | 09.0 | 07.7 | 070 |
| 3.0 ,, | 29 | 08.3 | 06.7 | 294 | 27 | 08.3 | 07.2 | 291 | 16 | 05.7 | 04.4 | 081 | 19 | 05.1 | 03.4 | 097 | 23 | 05.7 | 04.5 | 088 | 25 | 07.7 | 05.9 | 060 |
| 3.6 ,, | 27 | 09.4 | 07.5 | 299 | 10 | 07.3 | 06.3 | 283 | 14 | 05.3 | 03.7 | 080 | 19 | 04.6 | 03.0 | 098 | 16 | 05.1 | 04.0 | 084 | 24 | 06.7 | 04.1 | 067 |
| 4.5 ,, | 26 | 10.7 | 09.7 | 298 | 05 | 07.8 | 06.4 | 263 | 10 | 05.3 | 03.1 | 077 | 16 | 04.5 | 03.0 | 092 | 08 | 05.0 | 03.2 | 071 | 18 | 05.5 | 03.3 | 083 |
| 5.4 ,, | 24 | 12.3 | 10.6 | 285 | 02 | 09.5 | 05.8 | 220 | 03 | 06.3 | 02.7 | 111 | 11 | 04.9 | 03.8 | 086 | 04 | 04.8 | 02.5 | 110 | 16 | 06.4 | 05.2 | 074 |
| 6.0 ,, | 22 | 15.0 | 12.5 | 282 | 02 | 15.5 | 08.3 | 189 | 01 | 05.0 | 05.0 | 245 | 10 | 06.1 | 04.5 | 074 | 04 | 03.8 | 02.3 | 130 | 16 | 06.6 | 05.5 | 077 |
| 7.2 ,, | 05 | 17.2 | 17.1 | 279 | | | | | | | | | 04 | 08.3 | 07.8 | 074 | | | | | 15 | 06.6 | 05.3 | 080 |
| 9.0 ,, | 02 | 23.0 | 22.6 | 285 | | | | | | | | | 01 | 09.0 | 09.0 | 080 | | | | | 14 | 06.4 | 04.7 | 097 |

| STATION | ANANTAPUR | | | | | | | | ASANSOL | | | | | | | | | | | | AURANGABAD/CHIKALTHAN | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.9 | 03.8 | 074 | 31 | 02.3 | 01.7 | 097 | 31 | 00.5 | 00.1 | 090 | 31 | 01.1 | 00.5 | 109 | 31 | 00.4 | 00.3 | 164 | 31 | 00.7 | 00.5 | 035 |
| .15 A.G.L. | 30 | 07.4 | 06.5 | 069 | 30 | 05.9 | 04.9 | 097 | 26 | 03.1 | 00.4 | 200 | 31 | 03.9 | 01.8 | 097 | 31 | 05.1 | 03.8 | 155 | 31 | 04.6 | 03.4 | 104 |
| .3A.M.S.L. | | | | | | | | | 26 | 03.3 | 00.6 | 199 | 31 | 03.9 | 01.7 | 094 | 31 | 05.2 | 04.1 | 159 | | | | |
| .6 ,, | 30 | 06.9 | 05.8 | 070 | 30 | 06.4 | 05.5 | 096 | 26 | 04.9 | 02.1 | 220 | 31 | 03.7 | 00.8 | 085 | 31 | 05.3 | 04.0 | 163 | | | | |
| .9 ,, | 30 | 05.7 | 04.9 | 068 | 30 | 08.0 | 07.4 | 087 | 26 | 05.0 | 01.5 | 264 | 31 | 02.9 | 00.8 | 007 | 31 | 04.3 | 02.7 | 169 | 31 | 05.7 | 04.4 | 114 |
| 1.5 ,, | 30 | 06.6 | 05.5 | 067 | 30 | 08.0 | 07.0 | 074 | 22 | 05.4 | 02.7 | 325 | 31 | 03.7 | 03.0 | 320 | 30 | 04.3 | 02.5 | 288 | 31 | 06.8 | 05.6 | 084 |
| 2.1 ,, | 28 | 07.9 | 06.1 | 064 | 27 | 08.2 | 06.4 | 064 | 21 | 06.1 | 03.7 | 326 | 29 | 05.7 | 05.0 | 310 | 29 | 05.7 | 04.5 | 307 | 31 | 06.7 | 05.6 | 066 |
| 3.0 ,, | 22 | 07.5 | 05.6 | 066 | 22 | 07.9 | 06.1 | 059 | 17 | 07.6 | 05.4 | 304 | 26 | 08.1 | 07.4 | 314 | 24 | 06.9 | 05.7 | 316 | 30 | 05.6 | 04.7 | 034 |
| 3.6 ,, | 18 | 07.1 | 04.5 | 069 | 12 | 06.5 | 05.3 | 057 | 17 | 09.3 | 07.5 | 295 | 21 | 07.6 | 06.6 | 301 | 16 | 08.3 | 06.8 | 319 | 30 | 05.2 | 03.5 | 040 |
| 4.5 ,, | 12 | 04.9 | 02.1 | 078 | 03 | 05.3 | 02.5 | 084 | 10 | 07.4 | 06.5 | 281 | 19 | 09.2 | 08.3 | 264 | 07 | 08.3 | 05.8 | 288 | 17 | 03.6 | 01.9 | 357 |
| 5.4 ,, | 10 | 05.2 | 02.0 | 084 | 01 | 03.0 | 03.0 | 110 | 08 | 09.1 | 08.5 | 276 | 16 | 10.2 | 09.7 | 277 | 02 | 11.0 | 09.3 | 282 | 09 | 03.8 | 01.4 | 349 |
| 6.0 ,, | 09 | 05.2 | 02.4 | 113 | | | | | 08 | 10.6 | 10.3 | 275 | 13 | 11.9 | 11.4 | 273 | 01 | 03.0 | 03.0 | 245 | 03 | 03.3 | 01.5 | 339 |
| 7.2 ,, | 05 | 05.8 | 03.9 | 087 | | | | | 04 | 10.7 | 10.5 | 267 | 09 | 17.6 | 16.9 | 273 | 01 | 07.0 | 07.0 | 230 | 01 | 03.0 | 03.0 | 353 |
| 9.0 ,, | 01 | 05.0 | 05.0 | 130 | | | | | 02 | 11.5 | 11.4 | 248 | 02 | 13.5 | 13.4 | 263 | | | | | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | BAHRAICH | | | | | | | | | | | | BANGALORE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 0530 @ | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.3 | 02.4 | 068 | 31 | 00.8 | 00.6 | 062 | 31 | 01.0 | 00.5 | 089 | 31 | 00.8 | 00.4 | 122 | 31 | 00.8 | 00.2 | 358 | 31 | 02.6 | 01.8 | 080 |
| .15 A.G.L. | 31 | 05.7 | 04.3 | 064 | 31 | 06.4 | 04.7 | 077 | 31 | 04.2 | 02.4 | 127 | 30 | 02.1 | 01.0 | 133 | 30 | 02.9 | 00.8 | 314 | 20 | 05.8 | 03.5 | 067 |
| .3A.M.S.L. | | | | | | | | | 31 | 04.0 | 02.2 | 135 | 30 | 02.2 | 01.0 | 131 | 30 | 02.9 | 01.6 | 309 | | | | |
| .6 ,, | | | | | | | | | 31 | 03.4 | 00.2 | 073 | 30 | 02.5 | 00.4 | 203 | 30 | 02.9 | 01.8 | 305 | | | | |
| .9 ,, | 31 | 05.8 | 04.4 | 062 | 31 | 07.8 | 06.1 | 081 | 31 | 03.4 | 01.5 | 304 | 30 | 03.6 | 01.1 | 274 | 30 | 03.4 | 02.2 | 288 | | | | |
| 1.5 ,, | 31 | 05.4 | 04.2 | 063 | 31 | 07.2 | 05.9 | 076 | 31 | 05.6 | 04.9 | 305 | 30 | 04.9 | 03.9 | 296 | 30 | 05.3 | 04.3 | 303 | 20 | 07.7 | 05.5 | 062 |
| 2.1 ,, | 31 | 05.3 | 04.3 | 060 | 31 | 06.1 | 05.3 | 068 | 29 | 07.7 | 06.8 | 303 | 27 | 07.4 | 06.4 | 302 | 29 | 07.8 | 07.1 | 301 | 20 | 08.0 | 06.1 | 061 |
| 3.0 ,, | 30 | 04.8 | 03.8 | 070 | 31 | 04.7 | 03.8 | 052 | 27 | 10.9 | 09.7 | 310 | 25 | 09.2 | 08.2 | 304 | 27 | 09.3 | 08.8 | 302 | 20 | 07.1 | 04.8 | 057 |
| 3.6 ,, | 26 | 04.7 | 03.5 | 078 | 31 | 04.3 | 02.6 | 033 | 23 | 10.7 | 10.3 | 306 | 24 | 09.0 | 08.5 | 309 | 25 | 09.8 | 09.6 | 306 | 20 | 06.4 | 03.5 | 065 |
| 4.5 ,, | 20 | 04.2 | 01.5 | 017 | 26 | 04.2 | 01.7 | 346 | 14 | 09.9 | 09.6 | 299 | 21 | 10.5 | 08.8 | 298 | 23 | 11.6 | 11.1 | 301 | 17 | 04.8 | 03.3 | 081 |
| 5.4 ,, | 16 | 04.6 | 01.8 | 291 | 16 | 04.4 | 01.9 | 312 | 13 | 11.3 | 10.9 | 292 | 17 | 11.7 | 10.5 | 293 | 19 | 13.7 | 13.4 | 289 | 15 | 04.5 | 03.0 | 066 |
| 6.0 ,, | 15 | 05.6 | 02.8 | 296 | 10 | 04.4 | 01.1 | 299 | 11 | 13.3 | 12.9 | 287 | 16 | 13.3 | 10.9 | 281 | 14 | 14.0 | 12.5 | 283 | 15 | 05.4 | 04.1 | 077 |
| 7.2 ,, | 12 | 07.7 | 05.6 | 290 | 04 | 03.0 | 01.2 | 270 | 03 | 15.0 | 14.0 | 286 | 08 | 16.8 | 16.4 | 271 | 06 | 17.2 | 16.6 | 277 | 15 | 07.1 | 06.3 | 085 |
| 9.0 ,, | 05 | 09.6 | 07.9 | 301 | | | | | 01 | 31.0 | 31.0 | 258 | 03 | 30.3 | 30.2 | 266 | 01 | 33.0 | 33.0 | 313 | 10 | 06.6 | 05.3 | 088 |

| STATION | BANGALORE | | | | | | | | | | | | BAREILLY | | | | | | | | BEGAMPET | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730@ | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.6 | 02.2 | 077 | 31 | 03.3 | 02.2 | 072 | 31 | 02.7 | 02.1 | 090 | 31 | 01.6 | 01.1 | 083 | 31 | 01.2 | 00.5 | 342 | 31 | 00.8 | 00.3 | 092 |
| .15 A.G.L. | 31 | 05.2 | 03.4 | 075 | 27 | 05.8 | 03.9 | 066 | 25 | 07.0 | 05.0 | 098 | 31 | 04.9 | 02.0 | 127 | 31 | 03.7 | 01.7 | 337 | 29 | 03.9 | 02.7 | 116 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 04.7 | 02.6 | 103 | 31 | 03.5 | 01.6 | 340 | | | | |
| .6 ,, | | | | | | | | | | | | | 31 | 05.8 | 00.4 | 172 | 31 | 03.6 | 01.9 | 323 | 29 | 03.1 | 01.9 | 112 |
| .9 ,, | | | | | | | | | | | | | 31 | 05.2 | 01.4 | 297 | 31 | 03.7 | 02.2 | 304 | 29 | 04.6 | 03.5 | 095 |
| 1.5 ,, | 31 | 05.9 | 04.0 | 070 | 27 | 06.2 | 04.3 | 062 | 24 | 07.0 | 05.3 | 076 | 31 | 06.2 | 05.3 | 301 | 31 | 05.2 | 04.5 | 290 | 29 | 07.7 | 06.7 | 076 |
| 2.1 ,, | 17 | 07.1 | 05.0 | 061 | 26 | 05.9 | 03.9 | 064 | 22 | 07.5 | 05.7 | 056 | 31 | 08.4 | 07.7 | 301 | 31 | 07.8 | 07.4 | 299 | 29 | 09.7 | 08.4 | 066 |
| 3.0 ,, | 10 | 06.2 | 04.5 | 068 | 24 | 06.2 | 03.2 | 048 | 19 | 07.1 | 04.7 | 048 | 31 | 09.5 | 08.5 | 308 | 31 | 10.7 | 10.2 | 302 | 27 | 09.6 | 08.3 | 044 |
| 3.6 ,, | 08 | 05.2 | 04.4 | 063 | 22 | 05.1 | 02.5 | 058 | 15 | 07.3 | 03.9 | 058 | 29 | 06.8 | 09.6 | 308 | 30 | 10.7 | 09.9 | 301 | 22 | 09.4 | 08.2 | 049 |
| 4.5 ,, | 07 | 04.0 | 03.5 | 100 | 16 | 04.3 | 01.4 | 096 | 10 | 05.5 | 03.9 | 065 | 27 | 09.3 | 09.9 | 306 | 28 | 10.9 | 10.1 | 299 | 21 | 07.1 | 05.7 | 049 |
| 5.4 ,, | 07 | 05.7 | 05.3 | 086 | 14 | 05.0 | 02.9 | 087 | 05 | 06.4 | 05.6 | 075 | 24 | 10.2 | 09.5 | 288 | 25 | 11.3 | 11.0 | 294 | 18 | 05.3 | 02.7 | 068 |
| 6.0 ,, | 07 | 06.6 | 06.1 | 084 | 13 | 05.9 | 04.3 | 086 | 02 | 06.5 | 05.8 | 066 | 22 | 12.1 | 11.9 | 283 | 21 | 12.4 | 12.1 | 293 | 17 | 05.5 | 02.6 | 048 |
| 7.2 ,, | 07 | 08.4 | 07.4 | 085 | 13 | 06.4 | 05.4 | 095 | 01 | 15.0 | 15.0 | 085 | 20 | 15.2 | 14.4 | 277 | 12 | 14.5 | 14.1 | 279 | 15 | 06.5 | 02.4 | 057 |
| 9.0 ,, | 07 | 07.6 | 07.0 | 085 | 11 | 07.0 | 05.3 | 103 | | | | | 06 | 24.5 | 23.6 | 272 | 07 | 23.2 | 22.6 | 274 | 11 | 06.5 | 01.0 | 074 |

| STATION | BEGAMPET | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/BAIRAGARH | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.5 | 02.1 | 066 | 31 | 01.2 | 00.9 | 083 | 31 | 01.3 | 00.9 | 120 | 31 | 01.3 | 00.7 | 056 | 31 | 01.0 | 00.2 | 108 | 31 | 02.2 | 01.5 | 340 |
| .15 A.G.L. | 30 | 05.5 | 04.8 | 067 | 31 | 05.3 | 04.7 | 094 | 31 | 04.4 | 02.7 | 138 | 30 | 04.0 | 02.3 | 061 | 31 | 05.0 | 00.6 | 123 | 31 | 04.0 | 02.5 | 347 |
| .3A.M.S.L. | | | | | | | | | 31 | 04.5 | 02.7 | 140 | 30 | 04.0 | 02.4 | 057 | | | | | | | | |
| .6 ,, | 30 | 04.5 | 03.9 | 068 | 31 | 03.8 | 03.3 | 091 | 31 | 03.8 | 02.1 | 138 | 30 | 03.6 | 02.0 | 056 | 31 | 04.4 | 00.3 | 127 | 31 | 03.4 | 02.1 | 348 |
| .9 ,, | 30 | 05.5 | 04.7 | 066 | 31 | 05.9 | 05.3 | 088 | 31 | 04.0 | 01.3 | 125 | 30 | 02.9 | 01.0 | 010 | 31 | 05.0 | 00.6 | 023 | 31 | 04.1 | 03.0 | 346 |
| 1.5 ,, | 30 | 06.7 | 05.7 | 065 | 31 | 06.6 | 06.0 | 077 | 29 | 04.5 | 01.9 | 317 | 30 | 04.0 | 02.3 | 299 | 31 | 03.8 | 01.9 | 351 | 31 | 04.0 | 03.1 | 347 |
| 2.1 ,, | 30 | 07.7 | 06.8 | 068 | 31 | 08.6 | 07.4 | 067 | 28 | 06.7 | 04.6 | 303 | 30 | 07.7 | 05.2 | 293 | 31 | 04.7 | 02.9 | 343 | 31 | 04.2 | 03.4 | 353 |
| 3.0 ,, | 30 | 08.4 | 07.4 | 059 | 29 | 07.9 | 06.7 | 056 | 20 | 06.9 | 04.3 | 309 | 30 | 10.6 | 08.0 | 295 | 31 | 05.7 | 04.3 | 354 | 31 | 04.5 | 03.1 | 355 |
| 3.6 ,, | 25 | 07.4 | 05.7 | 055 | 03 | 03.7 | 03.1 | 010 | 19 | 07.8 | 04.9 | 289 | 20 | 09.6 | 07.3 | 295 | 31 | 05.7 | 04.1 | 343 | 31 | 04.1 | 02.7 | 343 |
| 4.5 ,, | 20 | 06.5 | 04.4 | 037 | 01 | 03.0 | 03.0 | 210 | 14 | 12.7 | 11.4 | 285 | 07 | 08.3 | 07.8 | 287 | 29 | 06.2 | 04.6 | 320 | 29 | 05.1 | 04.1 | 305 |
| 5.4 ,, | 13 | 05.5 | 02.0 | 360 | 01 | 03.0 | 03.0 | 205 | 05 | 09.0 | 07.8 | 274 | 04 | 08.5 | 07.7 | 283 | 29 | 07.6 | 06.6 | 294 | 26 | 08.5 | 07.3 | 285 |
| 6.0 ,, | 09 | 05.8 | 02.2 | 359 | 01 | 03.0 | 03.0 | 290 | 01 | 09.0 | 09.0 | 255 | 04 | 09.5 | 08.7 | 283 | 29 | 09.5 | 08.5 | 291 | 25 | 10.8 | 10.3 | 281 |
| 7.2 ,, | 08 | 04,9 | 00.3 | 134 | | | | | | | | | | | | | 27 | 14.2 | 13.2 | 280 | 25 | 14.4 | 13.7 | 274 |
| 9.0 ,, | 02 | 02.5 | 02.4 | 167 | | | | | | | | | | | | | 27 | 20.0 | 18.3 | 273 | 22 | 17.7 | 15.4 | 274 |

| STATION | BHOPAL/BAIRAGARH | | | | BHUBANESWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 00.6 | 028 | 31 | 01.4 | 00.6 | 314 | 31 | 03.0 | 00.9 | 176 | 31 | 01.8 | 00.8 | 195 | 31 | 00.5 | 00.3 | 273 | 31 | 02.7 | 01.0 | 276 |
| .15 A.G.L. | 30 | 05.4 | 01.9 | 036 | 27 | 03.8 | 01.1 | 265 | 30 | 04.2 | 01.7 | 155 | 28 | 04.9 | 03.6 | 197 | 31 | 05.1 | 04.3 | 313 | 31 | 04.2 | 01.5 | 267 |
| .3A.M.S.L. | | | | | 27 | 04.0 | 00.9 | 240 | 30 | 04.0 | 01.2 | 155 | 28 | 04.6 | 03.2 | 196 | 31 | 06.0 | 04.6 | 320 | 31 | 04.3 | 01.6 | 267 |
| .6 ,, | 30 | 05.0 | 01.3 | 039 | 27 | 03.8 | 00.4 | 318 | 30 | 03.8 | 00.5 | 125 | 28 | 03.3 | 01.0 | 187 | 31 | 06.0 | 03.9 | 320 | 31 | 04.1 | 01.7 | 271 |
| .9 ,, | 30 | 05.0 | 02.5 | 039 | 26 | 03.8 | 01.5 | 028 | 30 | 03.8 | 01.4 | 007 | 28 | 02.8 | 00.8 | 010 | 31 | 04.8 | 02.4 | 298 | 31 | 03.5 | 01.8 | 282 |
| 1.5 ,, | 30 | 04.0 | 02.6 | 015 | 25 | 04.4 | 01.9 | 028 | 26 | 04.2 | 02.8 | 009 | 28 | 03.8 | 02.9 | 015 | 31 | 04.1 | 02.3 | 233 | 31 | 03.3 | 01.7 | 274 |
| 2.1 ,, | 30 | 04.0 | 02.7 | 013 | 25 | 05.3 | 03.6 | 019 | 26 | 05.2 | 03.4 | 001 | 27 | 04.5 | 03.2 | 014 | 31 | 04.3 | 02.5 | 220 | 30 | 02.9 | 01.5 | 272 |
| 3.0 ,, | 30 | 04.7 | 02.5 | 343 | 24 | 06.6 | 03.9 | 001 | 23 | 05.3 | 03.7 | 351 | 26 | 04.6 | 02.5 | 360 | 31 | 04.8 | 00.7 | 113 | 30 | 04.6 | 01.8 | 282 |
| 3.6 ,, | 29 | 05.0 | 03.5 | 322 | 23 | 05.7 | 03.4 | 340 | 22 | 05.0 | 03.2 | 328 | 10 | 05.5 | 03.5 | 312 | 14 | 04.8 | 01.8 | 333 | 30 | 04.9 | 01.5 | 302 |
| 4.5 ,, | 06 | 04.1 | 01.4 | 320 | 20 | 04.8 | 02.6 | 305 | 21 | 05.0 | 03.2 | 295 | | | | | 04 | 04.7 | 02.3 | 001 | 26 | 05.6 | 02.9 | 309 |
| 5.4 ,, | | | | | 20 | 05.1 | 03.8 | 280 | 19 | 06.7 | 05.3 | 285 | | | | | 01 | 05.0 | 05.0 | 300 | 25 | 07.4 | 05.9 | 289 |
| 6.0 ,, | | | | | 20 | 05.3 | 04.2 | 274 | 19 | 07.0 | 05.5 | 288 | | | | | | | | | 25 | 08.8 | 07.9 | 288 |
| 7.2 ,, | | | | | 16 | 06.7 | 05.6 | 272 | 14 | 09.8 | 08.8 | 280 | | | | | | | | | 17 | 11.6 | 10.4 | 280 |
| 9.0 ,, | | | | | 11 | 09.8 | 09.3 | 268 | 07 | 10.6 | 08.3 | 294 | | | | | | | | | 04 | 20.0 | 19.1 | 245 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | BHUJ/RUDRAMATA | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 01.0 | 293 | 31 | 00.7 | 00.4 | 217 | 31 | 01.0 | 00.4 | 283 | 31 | 00.9 | 00.6 | 349 | 31 | 00.5 | 00.4 | 071 | 31 | 01.4 | 01.1 | 077 |
| .15 A.G.L. | 31 | 05.6 | 04.5 | 306 | 31 | 06.8 | 01.6 | 219 | 31 | 04.6 | 02.1 | 279 | 31 | 07.9 | 01.9 | 028 | 31 | 03.7 | 02.5 | 048 | 31 | 03.1 | 01.9 | 093 |
| .3A.M.S.L. | 31 | 05.9 | 04.7 | 310 | 31 | 05.8 | 01.2 | 212 | 31 | 03.9 | 01.9 | 272 | 31 | 06.5 | 00.9 | 041 | 31 | 04.1 | 02.5 | 064 | 31 | 03.2 | 02.2 | 096 |
| .6 ,, | 31 | 05.5 | 04.1 | 311 | 31 | 06.8 | 02.9 | 281 | 31 | 04.9 | 01.9 | 273 | 31 | 07.0 | 02.2 | 019 | 31 | 04.9 | 03.2 | 078 | 31 | 04.2 | 03.4 | 102 |
| .9 ,, | 31 | 04.5 | 02.9 | 303 | 31 | 07.1 | 04.7 | 283 | 31 | 05.0 | 02.8 | 280 | 31 | 05.8 | 01.3 | 321 | 31 | 05.9 | 04.5 | 081 | 29 | 06.1 | 05.2 | 098 |
| 1.5 ,, | 31 | 03.2 | 01.0 | 266 | 31 | 07.6 | 04.5 | 274 | 31 | 05.0 | 03.4 | 267 | 31 | 05.1 | 03.7 | 254 | 31 | 07.8 | 06.4 | 082 | 29 | 08.0 | 06.8 | 088 |
| 2.1 ,, | 31 | 03.5 | 00.8 | 176 | 31 | 07.6 | 06.3 | 283 | 31 | 05.7 | 04.7 | 273 | 31 | 06.2 | 05.3 | 256 | 31 | 07.3 | 06.0 | 088 | 26 | 08.4 | 07.2 | 079 |
| 3.0 ,, | 31 | 04.4 | 00.7 | 145 | 31 | 06.7 | 05.5 | 287 | 31 | 06.8 | 06.0 | 273 | 31 | 08.2 | 07.3 | 265 | 31 | 06.9 | 05.8 | 079 | 24 | 07.9 | 06.7 | 076 |
| 3.6 ,, | 19 | 03.9 | 02.2 | 292 | 29 | 07.2 | 05.7 | 295 | 30 | 07.9 | 06.5 | 273 | 13 | 09.7 | 08.7 | 275 | 31 | 05.4 | 03.9 | 066 | 23 | 07.5 | 06.1 | 074 |
| 4.5 ,, | 08 | 05.9 | 03.4 | 312 | 26 | 08.4 | 07.1 | 295 | 29 | 08.3 | 07.3 | 277 | | | | | 31 | 05.2 | 03.0 | 035 | 21 | 05.6 | 03.8 | 060 |
| 5.4 ,, | 02 | 04.5 | 03.6 | 243 | 24 | 10.7 | 10.1 | 288 | 26 | 12.5 | 11.3 | 280 | | | | | 31 | 04.3 | 01.8 | 017 | 20 | 05.3 | 02.5 | 064 |
| 6.0 ,, | 01 | 05.0 | 05.0 | 310 | 22 | 13.0 | 12.2 | 283 | 22 | 13.6 | 12.5 | 279 | | | | | 31 | 05.3 | 02.0 | 352 | 20 | 05.6 | 01.7 | 064 |
| 7.2 ,, | | | | | 18 | 20.5 | 20.0 | 276 | 08 | 14.5 | 14.2 | 283 | | | | | 30 | 05.3 | 03.1 | 329 | 18 | 05.9 | 01.7 | 006 |
| 9.0 ,, | | | | | 06 | 24.6 | 23.5 | 286 | 01 | 30.0 | 30.0 | 300 | | | | | 30 | 06.9 | 03.7 | 305 | 15 | 06.5 | 03.7 | 313 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530 * | | | | 1130 | | | | 1730 * | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.9 | 03.6 | 312 | 31 | 01.1 | 00.5 | 056 | 31 | 00.5 | 00.3 | 056 | 31 | 01.6 | 00.4 | 143 | 31 | 00.5 | 00.4 | 142 | 31 | 00.6 | 00.3 | 109 |
| .15 A.G.L. | 31 | 06.5 | 05.3 | 320 | 31 | 04.0 | 02.3 | 032 | 31 | 03.7 | 00.8 | 226 | 30 | 03.9 | 00.0 | 203 | 31 | 03.7 | 00.7 | 189 | 31 | 04.3 | 01.5 | 148 |
| .3A.M.S.L. | 31 | 06.2 | 05.5 | 318 | 31 | 04.7 | 03.5 | 011 | 31 | 03.7 | 00.8 | 229 | 30 | 04.0 | 00.4 | 332 | 31 | 03.9 | 00.5 | 216 | 31 | 04.8 | 02.1 | 175 |
| .6 ,, | 31 | 05.2 | 03.9 | 344 | 31 | 06.0 | 05.1 | 022 | 31 | 04.0 | 00.7 | 267 | 29 | 03.7 | 00.5 | 182 | 31 | 04.1 | 00.7 | 237 | 31 | 04.4 | 02.0 | 195 |
| .9 ,, | 31 | 04.6 | 03.5 | 022 | 31 | 06.5 | 05.8 | 032 | 31 | 04.2 | 01.1 | 328 | 28 | 04.2 | 00.8 | 299 | 31 | 03.6 | 01.1 | 296 | 31 | 04.1 | 01.4 | 229 |
| 1.5 ,, | 31 | 05.6 | 04.9 | 063 | 30 | 07.1 | 06.0 | 053 | 31 | 05.3 | 02.8 | 343 | 23 | 05.0 | 02.1 | 328 | 31 | 05.0 | 02.3 | 309 | 31 | 05.6 | 03.5 | 312 |
| 2.1 ,, | 31 | 08.2 | 07.7 | 080 | 29 | 08.0 | 06.9 | 083 | 31 | 05.5 | 03.2 | 340 | 18 | 05.9 | 03.2 | 322 | 31 | 06.0 | 04.6 | 314 | 30 | 06.2 | 04.6 | 325 |
| 3.0 ,, | 31 | 09.0 | 08.2 | 085 | 28 | 08.6 | 08.2 | 093 | 31 | 07.4 | 04.7 | 313 | 15 | 07.1 | 04.5 | 301 | 31 | 07.0 | 06.1 | 306 | 25 | 07.2 | 05.8 | 322 |
| 3.6 ,, | 31 | 06.8 | 05.7 | 078 | 15 | 06.3 | 05.6 | 097 | 31 | 07.5 | 05.0 | 297 | 08 | 06.0 | 03.5 | 275 | 31 | 07.5 | 06.0 | 301 | 11 | 07.9 | 05.5 | 314 |
| 4.5 ,, | 31 | 05.2 | 03.0 | 062 | 06 | 05.3 | 02.6 | 012 | 31 | 07.5 | 06.0 | 281 | 06 | 07.0 | 06.0 | 290 | 31 | 08.4 | 07.9 | 278 | 01 | 06.0 | 06.0 | 160 |
| 5.4 ,, | 31 | 05.2 | 01.7 | 033 | 02 | 05.0 | 01.1 | 208 | 31 | 08.4 | 07.3 | 273 | 05 | 09.6 | 09.0 | 276 | 30 | 10.0 | 09.2 | 278 | | | | |
| 6.0 ,, | 31 | 04.9 | 01.9 | 015 | | | | | 31 | 10.0 | 09.0 | 272 | 05 | 11.8 | 10.6 | 273 | 30 | 12.0 | 11.1 | 275 | | | | |
| 7.2 ,, | 31 | 05.5 | 02.1 | 355 | | | | | 31 | 12.7 | 11.7 | 269 | 02 | 21.0 | 20.1 | 262 | 30 | 13.7 | 13.1 | 273 | | | | |
| 9.0 ,, | 31 | 07.1 | 03.3 | 303 | | | | | 30 | 15.4 | 14.2 | 268 | 02 | 23.0 | 22.9 | 278 | 30 | 16.9 | 16.1 | 268 | | | | |

| STATION | COCHIN/WILLINGDON + | | | | | | | | | | | | DEHRADUN | | | | | | | | DIBRUGARH/MOHANBARI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.7 | 00.2 | 044 | 31 | 02.2 | 01.7 | 244 | 31 | 01.2 | 00.7 | 068 | 31 | 00.4 | 00.4 | 004 | 31 | 00.5 | 00.2 | 253 | 31 | 00.9 | 00.8 | 058 |
| .15 A.G.L. | 27 | 03.3 | 02.1 | 108 | 27 | 04.1 | 03.1 | 255 | 24 | 03.4 | 00.5 | 123 | 31 | 02.0 | 01.1 | 061 | 31 | 01.8 | 00.9 | 250 | 29 | 03.8 | 03.3 | 052 |
| .3A.M.S.L. | 27 | 03.5 | 01.4 | 147 | 27 | 04.5 | 03.2 | 255 | 24 | 03.4 | 00.5 | 203 | | | | | | | | | 29 | 03.9 | 03.4 | 048 |
| .6 ,, | 27 | 03.7 | 00.5 | 231 | 27 | 04.6 | 02.5 | 264 | 24 | 03.7 | 01.2 | 247 | | | | | | | | | 29 | 03.1 | 02.7 | 034 |
| .9 ,, | 27 | 04.2 | 00.4 | 197 | 27 | 04.6 | 01.8 | 304 | 24 | 03.8 | 00.5 | 242 | 31 | 01.7 | 00.9 | 083 | 31 | 02.5 | 01.3 | 250 | 28 | 02.4 | 02.0 | 032 |
| 1.5 ,, | 26 | 05.2 | 00.7 | 042 | 24 | 04.7 | 01.4 | 010 | 23 | 04.7 | 01.3 | 041 | 31 | 02.8 | 01.4 | 297 | 30 | 02.6 | 02.1 | 286 | 28 | 02.0 | 01.3 | 070 |
| 2.1 ,, | 23 | 05.0 | 02.1 | 079 | 22 | 04.8 | 01.7 | 041 | 20 | 05.2 | 02.1 | 057 | 30 | 05.0 | 04.5 | 298 | 30 | 04.7 | 04.2 | 295 | 27 | 02.5 | 00.9 | 166 |
| 3.0 ,, | 13 | 05.2 | 02.2 | 092 | 17 | 04.4 | 02.1 | 056 | 11 | 04.9 | 02.3 | 050 | 30 | 05.6 | 05.4 | 304 | 30 | 05.7 | 05.2 | 301 | 24 | 03.2 | 02.5 | 197 |
| 3.6 ,, | 08 | 03.5 | 01.5 | 103 | 11 | 03.4 | 02.2 | 046 | 04 | 03.2 | 00.7 | 231 | 30 | 06.5 | 06.0 | 297 | 28 | 06.1 | 05.4 | 303 | 21 | 04.0 | 02.8 | 206 |
| 4.5 ,, | 03 | 02.3 | 02.1 | 057 | 06 | 03.8 | 03.5 | 083 | | | | | 26 | 08.4 | 08.0 | 296 | 28 | 08.2 | 07.8 | 301 | 15 | 06.7 | 05.7 | 249 |
| 5.4 ,, | 02 | 02.5 | 02.5 | 110 | 03 | 05.7 | 05.5 | 069 | | | | | 24 | 11.0 | 10.6 | 284 | 26 | 11.2 | 10.9 | 287 | 12 | 12.8 | 12.0 | 254 |
| 6.0 ,, | 01 | 04.0 | 04.0 | 130 | 01 | 09.0 | 09.0 | 070 | | | | | 24 | 13.2 | 12.7 | 281 | 25 | 14.5 | 12.9 | 286 | 10 | 16.9 | 16.3 | 251 |
| 7.2 ,, | | | | | | | | | | | | | 17 | 17.4 | 17.1 | 279 | 17 | 18.5 | 17.7 | 285 | 07 | 22.8 | 21.5 | 260 |
| 9.0 ,, | | | | | | | | | | | | | 03 | 27.7 | 27.7 | 269 | 05 | 27.2 | 25.8 | 271 | 06 | 36.2 | 33.6 | 259 |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | GADAG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.7 | 00.5 | 050 | 31 | 00.5 | 00.4 | 056 | 31 | 00.5 | 00.5 | 040 | 31 | 02.5 | 01.4 | 111 | 31 | 03.8 | 03.5 | 090 | 31 | 03.7 | 02.2 | 126 |
| .15 A.G.L. | 30 | 02.1 | 01.4 | 059 | 30 | 02.2 | 00.8 | 088 | 29 | 02.4 | 01.9 | 027 | 27 | 05.9 | 04.3 | 102 | 31 | 06.5 | 05.8 | 085 | 30 | 08.8 | 06.1 | 103 |
| .3A.M.S.L. | 30 | 02.0 | 01.3 | 063 | 30 | 02.2 | 00.8 | 082 | 29 | 02.2 | 01.7 | 026 | | | | | | | | | | | | |
| .6 ,, | 30 | 02.0 | 01.3 | 040 | 30 | 02.3 | 01.3 | 060 | 29 | 02.0 | 01.6 | 041 | | | | | | | | | | | | |
| .9 ,, | 29 | 02.1 | 01.3 | 042 | 30 | 02.6 | 01.6 | 048 | 29 | 02.3 | 01.8 | 052 | 27 | 07.5 | 05.9 | 099 | 31 | 06.7 | 06.0 | 081 | 30 | 09.1 | 07.4 | 093 |
| 1.5 ,, | 29 | 02.4 | 00.6 | 074 | 30 | 02.7 | 00.5 | 115 | 29 | 02.3 | 01.2 | 085 | 26 | 09.9 | 09.0 | 083 | 31 | 07.6 | 06.5 | 073 | 30 | 09.2 | 08.7 | 082 |
| 2.1 ,, | 28 | 02.6 | 01.4 | 190 | 30 | 03.5 | 02.2 | 193 | 29 | 02.9 | 01.8 | 184 | 24 | 11.2 | 10.4 | 071 | 30 | 08.1 | 06.8 | 069 | 27 | 10.4 | 09.5 | 063 |
| 3.0 ,, | 28 | 04.1 | 03.2 | 200 | 30 | 04.6 | 03.9 | 221 | 28 | 04.0 | 03.1 | 211 | 23 | 09.7 | 09.1 | 061 | 28 | 08.4 | 07.0 | 061 | 26 | 09.0 | 07.8 | 053 |
| 3.6 ,, | 26 | 04.7 | 03.7 | 206 | 26 | 04.8 | 04.1 | 223 | 18 | 04.9 | 03.7 | 216 | 23 | 08.2 | 06.7 | 061 | 24 | 07.0 | 05.0 | 073 | 25 | 07.5 | 05.4 | 055 |
| 4.5 ,, | 20 | 07.0 | 06.8 | 240 | 22 | 08.2 | 07.4 | 248 | 01 | 15.0 | 15.0 | 256 | 19 | 06.3 | 04.2 | 069 | 21 | 05.8 | 04.3 | 084 | 19 | 05.1 | 03.8 | 065 |
| 5.4 ,, | 16 | 11.2 | 10.7 | 247 | 19 | 13.1 | 12.6 | 251 | | | | | 19 | 06.3 | 04.6 | 073 | 20 | 05.5 | 04.3 | 085 | 13 | 05.0 | 03.7 | 070 |
| 6.0 ,, | 13 | 15.2 | 14.6 | 252 | 18 | 15.8 | 15.3 | 252 | | | | | 19 | 06.5 | 05.1 | 076 | 20 | 06.7 | 04.8 | 086 | 05 | 06.6 | 05.0 | 065 |
| 7.2 ,, | 11 | 20.5 | 20.0 | 254 | 13 | 17.4 | 16.7 | 263 | | | | | 18 | 07.9 | 06.7 | 078 | 18 | 06.6 | 05.2 | 078 | 01 | 06.0 | 06.0 | 130 |
| 9.0 ,, | 09 | 32.4 | 31.5 | 252 | 04 | 26.7 | 25.5 | 265 | | | | | 16 | 06.1 | 05.3 | 090 | 16 | 05.9 | 03.9 | 088 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530 * | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.0 | 00.8 | 011 | 31 | 01.3 | 00.7 | 184 | 31 | 00.3 | 00.3 | 090 | 31 | 01.9 | 01.5 | 030 | 30 | 00.9 | 00.8 | 068 | 31 | 00.7 | 00.2 | 170 |
| .15 A.G.L. | 25 | 01.6 | 01.3 | 007 | 30 | 01.9 | 01.0 | 161 | 31 | 02.3 | 01.5 | 081 | 30 | 02.6 | 02.0 | 027 | 30 | 03.2 | 02.3 | 047 | 30 | 01.9 | 00.3 | 146 |
| .3A.M.S.L. | | | | | | | | | 31 | 02.6 | 01.8 | 086 | 30 | 02.5 | 01.8 | 053 | 30 | 03.1 | 02.3 | 048 | 30 | 02.2 | 00.8 | 069 |
| .6 ,, | | | | | | | | | 31 | 03.7 | 02.3 | 076 | 30 | 03.2 | 02.4 | 080 | 30 | 02.6 | 01.4 | 058 | 30 | 03.5 | 02.0 | 070 |
| .9 ,, | | | | | | | | | 31 | 03.8 | 02.7 | 083 | 30 | 03.6 | 02.4 | 105 | 29 | 02.8 | 00.8 | 093 | 30 | 03.3 | 01.9 | 067 |
| 1.5 ,, | | | | | | | | | 31 | 04.5 | 02.5 | 100 | 30 | 03.5 | 01.7 | 124 | 29 | 03.2 | 01.3 | 202 | 30 | 03.0 | 00.5 | 071 |
| 2.1 ,, | 25 | 01.1 | 00.6 | 003 | 30 | 01.5 | 01.0 | 180 | 31 | 04.2 | 01.5 | 107 | 26 | 03.3 | 01.1 | 112 | 29 | 04.1 | 02.2 | 235 | 26 | 02.8 | 00.8 | 182 |
| 3.0 ,, | 24 | 01.4 | 00.9 | 150 | 27 | 01.5 | 00.9 | 176 | 31 | 03.9 | 00.4 | 215 | 25 | 03.7 | 01.7 | 241 | 29 | 04.1 | 03.4 | 253 | 25 | 03.3 | 01.9 | 216 |
| 3.6 ,, | 20 | 01.9 | 01.1 | 151 | 22 | 02.1 | 01.3 | 234 | 31 | 04.6 | 02.3 | 260 | 23 | 04.9 | 03.8 | 267 | 29 | 04.5 | 04.0 | 258 | 08 | 05.4 | 02.7 | 230 |
| 4.5 ,, | 15 | 05.0 | 04.1 | 254 | 14 | 04.7 | 04.1 | 262 | 31 | 07.5 | 06.3 | 265 | 17 | 09.5 | 09.1 | 260 | 29 | 08.3 | 07.5 | 267 | | | | |
| 5.4 ,, | 14 | 11.3 | 10.2 | 257 | 08 | 10.9 | 10.1 | 250 | 31 | 11.2 | 10.3 | 264 | 16 | 13.4 | 10.1 | 265 | 29 | 12.4 | 11.8 | 262 | | | | |
| 6.0 ,, | 12 | 11.9 | 11.1 | 256 | 06 | 14.2 | 13.7 | 253 | 31 | 13.9 | 12.8 | 262 | 15 | 15.9 | 15.4 | 283 | 29 | 14.0 | 13.5 | 263 | | | | |
| 7.2 ,, | 11 | 16.5 | 15.7 | 258 | 04 | 18.2 | 15.9 | 257 | 31 | 18.6 | 16.9 | 267 | 10 | 20.0 | 19.2 | 253 | 29 | 18.5 | 18.2 | 267 | | | | |
| 9.0 ,, | 09 | 27.8 | 19.7 | 233 | 02 | 31.0 | 29.5 | 264 | 31 | 25.0 | 23.7 | 264 | 03 | 28.0 | 27.5 | 254 | 29 | 25.1 | 24.2 | 265 | | | | |

| STATION | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 01.0 | 161 | 31 | 02.3 | 01.6 | 344 | 31 | 02.3 | 01.0 | 083 | 31 | 01.4 | 00.9 | 092 | 31 | 04.5 | 03.4 | 290 | 31 | 01.2 | 00.6 | 020 |
| .15 A.G.L. | 31 | 03.3 | 02.1 | 165 | 31 | 03.7 | 02.8 | 342 | 31 | 05.2 | 03.1 | 069 | | | | | | | | | | | | |
| .3A.M.S.L. | 31 | 03.4 | 02.3 | 160 | 31 | 04.0 | 03.1 | 345 | 31 | 05.2 | 03.0 | 065 | 28 | 04.6 | 02.1 | 060 | 27 | 04.4 | 03.5 | 288 | 28 | 04.3 | 02.5 | 348 |
| .6 ,, | 31 | 03.6 | 00.5 | 161 | 31 | 04.0 | 03.0 | 343 | 31 | 04.6 | 02.0 | 070 | 28 | 05.5 | 03.1 | 065 | 27 | 03.7 | 01.0 | 293 | 28 | 04.7 | 02.3 | 357 |
| .9 ,, | 31 | 03.5 | 00.5 | 326 | 31 | 03.5 | 02.6 | 333 | 31 | 04.1 | 00.8 | 010 | 24 | 06.8 | 05.4 | 092 | 27 | 03.9 | 01.8 | 082 | 26 | 05.0 | 02.0 | 031 |
| 1.5 ,, | 31 | 04.5 | 03.0 | 330 | 31 | 04.2 | 03.1 | 304 | 31 | 04.8 | 03.3 | 300 | 19 | 08.5 | 08.0 | 094 | 23 | 06.8 | 05.9 | 071 | 18 | 06.3 | 04.2 | 071 |
| 2.1 ,, | 31 | 06.7 | 05.3 | 315 | 31 | 05.7 | 04.4 | 292 | 30 | 06.8 | 05.1 | 295 | 10 | 07.6 | 06.9 | 077 | 19 | 09.7 | 08.7 | 079 | 11 | 08.6 | 08.2 | 081 |
| 3.0 ,, | 31 | 09.1 | 07.9 | 305 | 31 | 08.2 | 07.3 | 304 | 29 | 07.6 | 05.5 | 298 | | | | | 06 | 07.3 | 06.5 | 069 | 01 | 06.0 | 06.0 | 070 |
| 3.6 ,, | 30 | 09.1 | 08.0 | 305 | 30 | 09.2 | 08.5 | 302 | 07 | 05.0 | 04.9 | 300 | | | | | 03 | 03.7 | 01.5 | 113 | | | | |
| 4.5 ,, | 30 | 09.2 | 08.3 | 295 | 29 | 10.0 | 08.9 | 293 | [illegible] | 09.0 | 09.0 | 305 | | | | | 01 | 03.0 | 03.0 | 095 | | | | |
| 5.4 ,, | 27 | 10.8 | 09.8 | 282 | 28 | 12.0 | 09.9 | 287 | | | | | | | | | | | | | | | | |
| 6.0 ,, | 25 | 11.5 | 10.1 | 282 | 26 | 13.7 | 12.1 | 281 | | | | | | | | | | | | | | | | |
| 7.2 ,, | 12 | 16.7 | 15.9 | 270 | 08 | 19.3 | 11.2 | 281 | | | | | | | | | | | | | | | | |
| 9.0 ,, | 01 | 37.0 | 37.0 | 260 | 02 | 20.5 | 19.4 | 293 | | | | | | | | | | | | | | | | |

| STATION | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 01.3 | 308 | 31 | 02.8 | 01.2 | 155 | 31 | 02.8 | 00.8 | 271 | 31 | 00.6 | 00.5 | 278 | 31 | 00.6 | 00.3 | 360 | 31 | 00.4 | 00.2 | 245 |
| .15 A.G.L. | 27 | 03.4 | 01.9 | 282 | 28 | 04.3 | 02.9 | 144 | 27 | 04.2 | 02.1 | 194 | 30 | 04.3 | 03.0 | 113 | 31 | 02.9 | 01.2 | 339 | 31 | 04.7 | 01.1 | 211 |
| .3A.M.S.L. | 27 | 03.3 | 01.1 | 243 | 28 | 04.2 | 02.4 | 129 | 27 | 04.0 | 02.0 | 184 | 30 | 02.4 | 02.1 | 132 | 31 | 02.8 | 01.1 | 344 | 31 | 03.7 | 01.3 | 214 |
| .6 ,, | 27 | 03.0 | 00.3 | 034 | 28 | 03.1 | 01.6 | 080 | 27 | 03.6 | 01.0 | 140 | 30 | 02.1 | 01.2 | 130 | 31 | 03.3 | 01.6 | 313 | 31 | 04.7 | 01.0 | 257 |
| .9 ,, | 27 | 03.5 | 02.0 | 039 | 28 | 03.8 | 02.1 | 041 | 27 | 03.3 | 01.5 | 053 | 30 | 03.1 | 00.8 | 308 | 31 | 03.8 | 01.9 | 302 | 31 | 04.9 | 02.6 | 301 |
| 1.5 ,, | 27 | 05.3 | 04.5 | 037 | 27 | 04.7 | 03.7 | 028 | 25 | 04.5 | 03.6 | 028 | 30 | 04.9 | 03.6 | 321 | 31 | 04.7 | 03.9 | 288 | 31 | 06.7 | 05.8 | 306 |
| 2.1 ,, | 27 | 06.7 | 05.8 | 039 | 26 | 06.7 | 05.7 | 024 | 24 | 05.8 | 04.8 | 030 | 30 | 06.6 | 05.3 | 311 | 31 | 07.0 | 06.1 | 295 | 31 | 07.8 | 06.9 | 308 |
| 3.0 ,, | 25 | 05.8 | 04.2 | 028 | 25 | 06.8 | 05.3 | 018 | 20 | 04.9 | 03.6 | 029 | 30 | 09.2 | 07.1 | 305 | 30 | 09.1 | 08.3 | 306 | 31 | 08.5 | 07.4 | 311 |
| 3.6 ,, | 24 | 05.1 | 02.7 | 018 | 25 | 05.9 | 03.5 | 360 | 01 | 04.0 | 04.0 | 062 | 29 | 09.7 | 09.1 | 301 | 28 | 09.4 | 08.7 | 307 | 31 | 08.0 | 07.1 | 313 |
| 4.5 ,, | 22 | 03.9 | 01.8 | 310 | 23 | 04.2 | 02.1 | 292 | | | | | 26 | 09.3 | 08.7 | 297 | 26 | 09.8 | 09.3 | 301 | 28 | 08.7 | 07.9 | 304 |
| 5.4 ,, | 22 | 04.1 | 02.2 | 280 | 22 | 05.3 | 03.9 | 290 | | | | | 22 | 09.8 | 09.2 | 288 | 25 | 11.8 | 11.5 | 292 | 26 | 09.3 | 08.4 | 294 |
| 6.0 ,, | 21 | 05.2 | 03.0 | 285 | 22 | 06.1 | 04.4 | 283 | | | | | 20 | 11.4 | 10.7 | 278 | 23 | 13.1 | 12.9 | 288 | 23 | 10.8 | 10.1 | 286 |
| 7.2 ,, | 03 | 04.7 | 01.2 | 218 | 04 | 09.7 | 07.8 | 314 | | | | | 10 | 15.0 | 14.2 | 267 | 08 | 18.4 | 17.8 | 275 | 19 | 15.7 | 14.8 | 282 |
| 9.0 ,, | | | | | | | | | | | | | 02 | 23.0 | 22.8 | 259 | 01 | 18.0 | 18.0 | 265 | 05 | 26.0 | 23.5 | 283 |

| STATION | GWALIOR | | | | | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.2 | 00.4 | 281 | 31 | 01.2 | 00.9 | 341 | 31 | 00.5 | 00.1 | 090 | 31 | 00.9 | 00.5 | 032 | 31 | 00.8 | 00.3 | 186 | 31 | 01.3 | 00.4 | 280 |
| .15 A.G.L. | 31 | 02.7 | 01.3 | 298 | 31 | 04.1 | 03.2 | 347 | 31 | 05.0 | 01.8 | 060 | 25 | 02.3 | 01.8 | 041 | 30 | 01.7 | 01.2 | 201 | 29 | 02.6 | 01.7 | 265 |
| .3A.M.S.L. | 31 | 02.5 | 01.5 | 289 | 31 | 03.5 | 02.8 | 343 | 31 | 04.3 | 01.0 | 073 | | | | | | | | | | | | |
| .6 ,, | 31 | 03.5 | 02.0 | 298 | 31 | 04.5 | 03.6 | 336 | 31 | 04.6 | 01.[illegible] | 039 | | | | | | | | | | | | |
| .9 ,, | 31 | 04.3 | 03.2 | 304 | 31 | 04.8 | 03.8 | 330 | 31 | 04.7 | 01.7 | 312 | 25 | 02.3 | 01.9 | 043 | 30 | 01.8 | 01.2 | 200 | 29 | 02.7 | 01.7 | 251 |
| 1.5 ,, | 31 | 06.2 | 04.7 | 293 | 30 | 05.6 | 05.0 | 316 | 31 | 05.8 | 04.6 | 298 | 25 | 02.1 | 00.7 | 079 | 30 | 02.0 | 00.9 | 194 | 29 | 02.3 | 01.3 | 235 |
| 2.1 ,, | 31 | 07.0 | 06.0 | 307 | 29 | 07.0 | 06.0 | 305 | 31 | 07.2 | 06.1 | 301 | 23 | 03.6 | 02.5 | 192 | 29 | 03.5 | 02.1 | 211 | 28 | 02.7 | 01.8 | 232 |
| 3.0 ,, | 31 | 07.2 | 06.3 | 310 | 28 | 07.7 | 07.2 | 308 | 28 | 08.7 | 07.2 | 302 | 17 | 05.4 | 04.7 | 210 | 26 | 05.0 | 04.4 | 228 | 25 | 04.7 | 03.8 | 244 |
| 3.6 ,, | 31 | 07.3 | 06.5 | 302 | 28 | 07.9 | 07.0 | 306 | 08 | 07.7 | 06.9 | 298 | 15 | 06.3 | 05.3 | 233 | 22 | 06.5 | 06.1 | 241 | 25 | 06.0 | 05.6 | 250 |
| 4.5 ,, | 30 | 08.0 | 07.2 | 292 | 27 | 09.0 | 08.4 | 300 | 06 | 08.5 | 07.8 | 298 | 12 | 07.0 | 06.5 | 251 | 18 | 06.8 | 07.9 | 255 | 22 | 09.9 | 09.4 | 265 |
| 5.4 ,, | 28 | 09.3 | 08.6 | 275 | 27 | 10.9 | 10.3 | 293 | | | | | 11 | 12.0 | 11.5 | 262 | 14 | 12.6 | 12.3 | 259 | 21 | 13.1 | 12.7 | 265 |
| 6.0 ,, | 28 | 11.6 | 10.8 | 278 | 25 | 12.1 | 11.8 | 289 | | | | | 09 | 14.1 | 14.0 | 260 | 10 | 15.6 | 10.8 | 260 | 19 | 14.2 | 13.6 | 265 |
| 7.2 ,, | 26 | 17.2 | 16.9 | 281 | 15 | 16.0 | 15.6 | 284 | | | | | 06 | 20.0 | 19.7 | 264 | 05 | 21.8 | 21.2 | 258 | 16 | 18.4 | 17.9 | 258 |
| 9.0 ,, | 06 | 25.5 | 23.9 | 284 | 05 | 24.4 | 23.5 | 294 | | | | | 03 | 27.3 | 27.3 | 266 | 05 | 24.8 | 24.4 | 251 | 02 | 22.0 | 21.5 | 254 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | INPHAL/TULIHAL | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.0 | 00.5 | 070 | 31 | 00.6 | 00.5 | 337 | 31 | 00.9 | 00.6 | 026 | 31 | 00.4 | 00.2 | 212 | 31 | 00.2 | 00.1 | 079 | 30 | 00.8 | 00.6 | 038 |
| .15 A.G.L. | 29 | 01.7 | 01.0 | 048 | 31 | 04.1 | 02.4 | 163 | 31 | 03.5 | 02.3 | 010 | 31 | 05.0 | 00.7 | 116 | 30 | 02.3 | 00.6 | 024 | 29 | 04.1 | 03.9 | 038 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | 31 | 04.2 | 01.5 | 163 | 31 | 03.7 | 02.6 | 012 | 31 | 05.3 | 01.0 | 133 | 30 | 01.6 | 00.4 | 019 | 29 | 02.7 | 02.5 | 038 |
| .9 ,, | 29 | 00.2 | 01.2 | 046 | 31 | 04.9 | 00.6 | 005 | 31 | 03.7 | 02.8 | 004 | 31 | 05.6 | 01.4 | 034 | 30 | 03.0 | 01.1 | 065 | 29 | 05.0 | 04.4 | 037 |
| 1.5 ,, | 29 | 02.2 | 00.8 | 197 | 31 | 04.7 | 02.9 | 353 | 31 | 03.8 | 03.2 | 356 | 31 | 04.4 | 02.6 | 356 | 29 | 05.7 | 04.9 | 055 | 29 | 05.5 | 04.7 | 039 |
| 2.1 ,, | 28 | 02.8 | 01.0 | 214 | 31 | 05.7 | 05.0 | 344 | 31 | 04.9 | 04.3 | 347 | 31 | 05.3 | 03.7 | 022 | 27 | 07.7 | 05.3 | 077 | 27 | 06.2 | 05.5 | 041 |
| 3.0 ,, | 21 | 04.6 | 02.6 | 220 | 31 | 07.0 | 05.6 | 335 | 31 | 05.6 | 05.0 | 336 | 31 | 06.0 | 04.6 | 335 | 25 | 07.3 | 05.8 | 036 | 27 | 07.4 | 06.0 | 045 |
| 3.6 ,, | 16 | 06.0 | 04.6 | 258 | 31 | 06.3 | 05.0 | 338 | 31 | 05.8 | 05.3 | 321 | 25 | 05.7 | 04.1 | 320 | 25 | 07.0 | 05.2 | 023 | 26 | 06.7 | 04.7 | 036 |
| 4.5 ,, | 08 | 10.7 | 04.9 | 261 | 29 | 05.2 | 04.6 | 320 | 29 | 06.2 | 05.5 | 298 | 12 | 05.3 | 04.2 | 300 | 24 | 04.5 | 02.2 | 013 | 23 | 05.1 | 01.8 | 349 |
| 5.4 ,, | 01 | 11.0 | 11.0 | 270 | 29 | 06.2 | 05.2 | 285 | 27 | 09.3 | 08.5 | 285 | 04 | 09.0 | 08.8 | 253 | 24 | 04.3 | 01.0 | 343 | 22 | 05.7 | 02.6 | 318 |
| 6.0 ,, | 01 | 16.0 | 16.0 | 266 | 24 | 09.6 | 08.9 | 282 | 26 | 11.3 | 10.3 | 284 | | | | | 24 | 04.6 | 01.5 | 313 | 21 | 05.4 | 01.6 | 310 |
| 7.2 ,, | | | | | 20 | 14.9 | 13.7 | 279 | 24 | 15.6 | 15.0 | 278 | | | | | 24 | 05.8 | 02.5 | 292 | 20 | 05.9 | 02.2 | 310 |
| 9.0 ,, | | | | | 04 | 21.2 | 21.0 | 275 | 06 | 19.3 | 19.2 | 273 | | | | | 18 | 07.9 | 05.1 | 352 | 13 | 07.2 | 05.6 | 286 |

| STATION | JAGDALPUR | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.2 | 00.2 | 055 | 31 | 00.2 | 00.1 | 345 | 31 | 01.6 | 01.4 | 313 | 31 | 00.6 | 00.4 | 017 | 31 | 00.3 | 00.2 | 045 | 31 | 00.9 | 00.3 | 011 |
| .15 A.G.L. | 31 | 04.5 | 02.8 | 087 | 31 | 04.6 | 01.3 | 278 | 30 | 04.5 | 04.0 | 298 | 31 | 05.6 | 02.6 | 344 | 29 | 03.2 | 01.5 | 264 | 28 | 02.8 | 00.9 | 054 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 29 | 03.3 | 01.4 | 254 | 28 | 02.8 | 00.3 | 033 |
| .6 ,, | 31 | 03.2 | 01.7 | 090 | 31 | 05.7 | 02.3 | 271 | 30 | 04.8 | 04.3 | 299 | 31 | 05.7 | 02.1 | 329 | 29 | 04.6 | 02.0 | 252 | 28 | 02.7 | 00.6 | 354 |
| .9 ,, | 31 | 04.7 | 03.5 | 075 | 31 | 06.9 | 04.6 | 275 | 30 | 05.1 | 04.5 | 299 | 31 | 05.5 | 02.6 | 306 | 29 | 04.9 | 02.0 | 268 | 27 | 02.7 | 01.0 | 319 |
| 1.5 ,, | 30 | 05.1 | 04.5 | 057 | 31 | 07.1 | 06.0 | 282 | 30 | 05.0 | 04.4 | 297 | 31 | 04.9 | 04.0 | 290 | 28 | 04.7 | 02.9 | 320 | 26 | 04.0 | 02.9 | 326 |
| 2.1 ,, | 29 | 05.9 | 04.9 | 054 | 31 | 07.5 | 06.4 | 288 | 29 | 05.6 | 04.8 | 296 | 31 | 05.8 | 05.1 | 281 | 27 | 05.6 | 03.9 | 326 | 24 | 06.6 | 06.0 | 335 |
| 3.0 ,, | 28 | 06.1 | 05.0 | 049 | 31 | 07.9 | 06.5 | 294 | 29 | 06.5 | 05.3 | 297 | 30 | 07.0 | 04.9 | 279 | 27 | 06.6 | 05.1 | 320 | 21 | 08.5 | 07.9 | 322 |
| 3.6 ,, | 22 | 05.6 | 03.4 | 030 | 29 | 08.2 | 06.5 | 303 | 29 | 06.8 | 05.8 | 298 | 20 | 06.7 | 05.3 | 283 | 24 | 06.7 | 05.6 | 313 | 21 | 07.4 | 06.7 | 297 |
| 4.5 ,, | 11 | 05.7 | 03.5 | 307 | 28 | 08.4 | 07.0 | 302 | 26 | 09.0 | 08.1 | 294 | | | | | 20 | 06.2 | 05.3 | 283 | 21 | 07.8 | 06.9 | 278 |
| 5.4 ,, | 07 | 05.0 | 03.2 | 306 | 26 | 09.2 | 08.2 | 287 | 26 | 11.3 | 10.7 | 290 | | | | | 20 | 09.4 | 08.8 | 282 | 21 | 10.2 | 09.7 | 278 |
| 6.0 ,, | 02 | 05.0 | 04.3 | 332 | 25 | 10.6 | 10.3 | 279 | 26 | 12.3 | 11.9 | 296 | | | | | 20 | 11.3 | 10.8 | 272 | 20 | 12.5 | 11.9 | 273 |
| 7.2 ,, | | | | | 08 | 14.4 | 14.1 | 275 | 12 | 17.0 | 16.2 | 289 | | | | | 15 | 14.1 | 13.4 | 277 | 15 | 15.0 | 14.1 | 276 |
| 9.0 ,, | | | | | 02 | 22.0 | 20.7 | 279 | 04 | 22.2 | 20.5 | 281 | | | | | 04 | 15.3 | 13.7 | 281 | 04 | 13.7 | 13.7 | 275 |

| STATION | JHARSUGUDA | | | | | | | | | | | | JODHPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.9 | 00.3 | 036 | 31 | 01.3 | 00.4 | 282 | 31 | 00.8 | 00.3 | 132 | 31 | 03.4 | 00.7 | 297 | 31 | 00.8 | 00.2 | 280 | 31 | 02.3 | 01.9 | 251 |
| .15 A.G.L. | 29 | 02.7 | 00.4 | 078 | 31 | 03.0 | 00.8 | 330 | 31 | 03.5 | 01.5 | 178 | 31 | 05.8 | 00.9 | 280 | 31 | 03.0 | 01.3 | 233 | 31 | 04.5 | 02.9 | 261 |
| .3A.M.S.L. | 29 | 02.4 | 00.5 | 068 | 31 | 02.9 | 00.7 | 321 | 31 | 02.7 | 01.1 | 166 | 31 | 03.6 | 00.7 | 287 | 31 | 02.6 | 00.9 | 258 | 31 | 02.8 | 01.9 | 254 |
| .6 ,, | 29 | 03.6 | 00.7 | 234 | 31 | 03.2 | 00.9 | 324 | 31 | 02.8 | 01.6 | 208 | 31 | 05.7 | 02.2 | 267 | 31 | 04.2 | 02.1 | 243 | 31 | 04.6 | 03.2 | 256 |
| .9 ,, | 28 | 04.6 | 01.3 | 282 | 31 | 03.4 | 01.4 | 329 | 31 | 03.6 | 01.1 | 268 | 31 | 05.7 | 03.5 | 259 | 31 | 04.9 | 03.4 | 256 | 31 | 04.4 | 03.1 | 256 |
| 1.5 ,, | 28 | 04.7 | 03.4 | 347 | 31 | 03.8 | 02.6 | 334 | 31 | 04.3 | 03.0 | 355 | 31 | 05.8 | 04.5 | 257 | 31 | 05.9 | 04.9 | 257 | 31 | 04.5 | 03.4 | 262 |
| 2.1 ,, | 28 | 05.6 | 04.6 | 350 | 30 | 05.8 | 05.0 | 353 | 31 | 04.6 | 03.7 | 008 | 31 | 05.8 | 04.6 | 259 | 30 | 06.0 | 04.5 | 255 | 31 | 04.2 | 03.3 | 260 |
| 3.0 ,, | 28 | 06.8 | 05.5 | 344 | 29 | 06.8 | 06.3 | 349 | 27 | 05.6 | 04.4 | 352 | 31 | 05.1 | 02.8 | 290 | 30 | 04.6 | 03.2 | 274 | 31 | 04.9 | 03.9 | 273 |
| 3.6 ,, | 28 | 06.5 | 05.3 | 335 | 28 | 06.7 | 05.9 | 335 | 04 | 06.7 | 06.2 | 310 | 31 | 05.9 | 04.1 | 310 | 29 | 05.0 | 03.5 | 271 | 31 | 05.3 | 03.4 | 273 |
| 4.5 ,, | 27 | 06.1 | 04.9 | 314 | 28 | 06.8 | 06.0 | 299 | | | | | 31 | 05.6 | 03.8 | 306 | 29 | 07.2 | 05.9 | 274 | 31 | 06.8 | 05.5 | 287 |
| 5.4 ,, | 25 | 07.6 | 06.6 | 293 | 26 | 08.6 | 08.1 | 285 | | | | | 31 | 07.7 | 06.5 | 284 | 27 | 09.6 | 08.8 | 282 | 31 | 08.8 | 08.1 | 288 |
| 6.0 ,, | 24 | 09.0 | 08.2 | 280 | 25 | 09.8 | 09.2 | 279 | | | | | 31 | 08.7 | 08.0 | 280 | 26 | 12.2 | 11.1 | 281 | 31 | 10.8 | 10.0 | 287 |
| 7.2 ,, | 28 | 12.7 | 11.1 | 276 | 23 | 12.4 | 11.5 | 281 | | | | | 31 | 15.5 | 14.3 | 276 | 23 | 18.3 | 16.9 | 278 | 31 | 16.3 | 15.6 | 284 |
| 9.0 ,, | 16 | 15.7 | 14.7 | 270 | 16 | 17.3 | 16.6 | 271 | | | | | 31 | 27.1 | 25.8 | 277 | 17 | 27.9 | 27.0 | 264 | 31 | 27.4 | 26.1 | 277 |

| STATION | JODHPUR | | | | LUCKNOW/AMAUSI | | | | | | | | | | | | | | | | MADRAS/MINAMBAKKAM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.4 | 00.2 | 280 | 30 | 00.2 | 00.1 | 098 | 31 | 02.2 | 00.6 | 066 | 31 | 00.7 | 00.2 | 342 | 31 | 00.9 | 00.2 | 253 | 31 | 03.7 | 01.3 | 019 |
| .15 A.G.L. | 31 | 07.1 | 01.6 | 259 | 30 | 04.2 | 01.7 | 117 | 30 | 03.3 | 00.2 | 134 | 31 | 04.0 | 02.1 | 340 | 31 | 04.6 | 01.8 | 062 | 31 | 05.5 | 02.2 | 017 |
| .3A.M.S.L. | 31 | 06.1 | 01.2 | 274 | 30 | 04.2 | 01.7 | 117 | 30 | 03.2 | 00.3 | 166 | 31 | 04.0 | 02.1 | 340 | 31 | 04.5 | 01.7 | 058 | 31 | 05.5 | 02.2 | 035 |
| .6 ,, | 31 | 07.5 | 02.3 | 257 | 30 | 03.9 | 00.2 | 112 | 28 | 03.3 | 00.6 | 212 | 31 | 03.7 | 02.2 | 346 | 31 | 04.1 | 00.8 | 348 | 31 | 06.0 | 02.7 | 071 |
| .9 ,, | 31 | 06.9 | 03.0 | 251 | 30 | 04.4 | 03.4 | 326 | 28 | 03.5 | 01.8 | 279 | 31 | 04.5 | 02.6 | 318 | 31 | 04.7 | 03.4 | 301 | 31 | 06.7 | 03.7 | 071 |
| 1.5 ,, | 31 | 05.7 | 04.4 | 249 | 30 | 05.0 | 03.9 | 308 | 29 | 05.2 | 04.3 | 300 | 31 | 05.9 | 04.8 | 315 | 30 | 06.7 | 03.6 | 352 | 31 | 07.5 | 04.6 | 066 |
| 2.1 ,, | 31 | 05.3 | 04.2 | 248 | 30 | 08.8 | 05.7 | 312 | 30 | 07.5 | 06.8 | 302 | 31 | 07.5 | 06.5 | 302 | 31 | 08.0 | 07.5 | 299 | 31 | 07.4 | 04.8 | 070 |
| 3.0 ,, | 26 | 04.8 | 03.5 | 276 | 30 | 07.3 | 06.8 | 280 | 31 | 09.2 | 08.6 | 307 | 31 | 09.6 | 08.9 | 303 | 24 | 09.1 | 08.6 | 304 | 31 | 06.2 | 02.8 | 092 |
| 3.6 ,, | 18 | 05.5 | 04.0 | 277 | 30 | 11.6 | 09.4 | 297 | 30 | 08.9 | 08.5 | 303 | 31 | 09.0 | 08.0 | 296 | 10 | 08.8 | 07.3 | 273 | 31 | 06.1 | 03.3 | 092 |
| 4.5 ,, | 07 | 04.6 | 03.2 | 301 | 30 | 12.0 | 11.4 | 305 | 30 | 09.6 | 09.1 | 293 | 31 | 10.3 | 09.5 | 295 | 02 | 04.0 | 02.7 | 329 | 31 | 05.9 | 03.0 | 088 |
| 5.4 ,, | 01 | 05.0 | 05.0 | 280 | 30 | 13.0 | 10.7 | 294 | 30 | 11.5 | 11.1 | 284 | 31 | 12.2 | 11.7 | 292 | 01 | 03.0 | 03.0 | 326 | 31 | 07.2 | 04.2 | 096 |
| 6.0 ,, | | | | | 30 | 13.9 | 10.6 | 286 | 30 | 14.0 | 13.7 | 278 | 31 | 13.4 | 12.9 | 290 | 01 | 05.0 | 05.0 | 275 | 31 | 07.0 | 04.8 | 089 |
| 7.2 ,, | | | | | 30 | 17.2 | 15.0 | 274 | 28 | 18.7 | 17.9 | 277 | 31 | 17.3 | 16.9 | 279 | 01 | 13.0 | 13.0 | 260 | 31 | 06.9 | 05.1 | 089 |
| 9.0 ,, | | | | | 30 | 28.9 | 25.7 | 276 | 23 | 29.5 | 28.3 | 273 | 31 | 29.2 | 14.6 | 273 | | | | | 30 | 06.9 | 05.8 | 103 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 03.0 | 02.1 | 051 | 31 | 04.2 | 03.1 | 056 | 31 | 01.6 | 00.8 | 107 | 31 | 01.8 | 01.4 | 094 | 31 | 03.5 | 02.5 | 268 | 31 | 02.0 | 00.6 | 070 |
| .15 A.G.L. | 31 | 04.8 | 03.0 | 059 | 31 | 06.3 | 04.5 | 054 | 29 | 05.1 | 02.8 | 076 | 27 | 04.2 | 02.0 | 088 | 30 | 05.2 | 03.7 | 269 | 28 | 04.4 | 00.9 | 029 |
| .3A.M.S.L. | 31 | 04.6 | 02.7 | 058 | 31 | 05.6 | 04.2 | 056 | 29 | 05.2 | 03.2 | 082 | 27 | 04.3 | 01.6 | 100 | 30 | 05.5 | 03.7 | 268 | 28 | 04.5 | 00.7 | 040 |
| .6 ,, | 31 | 05.0 | 02.7 | 054 | 31 | 05.3 | 04.0 | 060 | 29 | 05.9 | 03.7 | 081 | 27 | 04.5 | 01.9 | 083 | 28 | 04.3 | 01.6 | 301 | 28 | 04.9 | 00.4 | 086 |
| .9 ,, | 30 | 05.7 | 02.9 | 057 | 31 | 06.1 | 04.3 | 053 | 29 | 06.6 | 04.4 | 077 | 27 | 05.1 | 02.9 | 085 | 28 | 04.0 | 01.3 | 027 | 27 | 05.7 | 01.2 | 101 |
| 1.5 ,, | 24 | 07.1 | 05.0 | 050 | 31 | 06.8 | 03.7 | 050 | 28 | 07.4 | 05.0 | 067 | 24 | 06.7 | 05.3 | 085 | 26 | 06.4 | 04.5 | 071 | 23 | 06.1 | 04.3 | 083 |
| 2.1 ,, | 19 | 07.6 | 05.6 | 046 | 31 | 06.5 | 03.9 | 055 | 26 | 06.5 | 04.5 | 050 | 23 | 08.3 | 07.1 | 072 | 22 | 07.4 | 06.2 | 070 | 20 | 08.2 | 06.3 | 072 |
| 3.0 ,, | 10 | 06.3 | 02.2 | 037 | 31 | 05.6 | 02.9 | 068 | 26 | 05.2 | 03.0 | 062 | 20 | 09.1 | 07.8 | 068 | 19 | 06.4 | 05.9 | 076 | 19 | 06.8 | 05.8 | 065 |
| 3.6 ,, | 05 | 06.2 | 02.4 | 277 | 31 | 05.7 | 02.6 | 086 | 14 | 04.7 | 03.0 | 085 | 19 | 07.6 | 06.4 | 072 | 15 | 05.3 | 04.4 | 074 | 14 | 05.9 | 04.9 | 066 |
| 4.5 ,, | 05 | 06.8 | 02.3 | 221 | 31 | 06.0 | 03.4 | 094 | 05 | 04.4 | 02.4 | 147 | 17 | 06.4 | 04.4 | 081 | 15 | 05.7 | 04.4 | 087 | 09 | 04.9 | 02.2 | 050 |
| 5.4 ,, | 04 | 08.3 | 01.7 | 214 | 31 | 06.6 | 03.9 | 100 | 03 | 02.7 | 01.4 | 215 | 14 | 06.9 | 05.2 | 096 | 13 | 06.5 | 05.7 | 073 | 03 | 03.3 | 02.4 | 021 |
| 6.0 ,, | 03 | 05.7 | 02.7 | 110 | 31 | 06.7 | 04.5 | 092 | 01 | 03.0 | 03.0 | 080 | 14 | 07.0 | 05.3 | 088 | 13 | 06.9 | 06.3 | 078 | 03 | 03.3 | 01.6 | 348 |
| 7.2 ,, | 03 | 05.3 | 02.6 | 104 | 31 | 07.3 | 05.7 | 103 | | | | | 08 | 08.1 | 05.9 | 085 | 13 | 09.8 | 08.7 | 085 | | | | |
| 9.0 ,, | 02 | 04.5 | 03.8 | 076 | 30 | 06.9 | 05.8 | 107 | | | | | 04 | 09.7 | 09.0 | 073 | 08 | 09.0 | 07.7 | 081 | | | | |

| STATION | MINICOY | | | | | | | | | | | | | | | | NAGPUR/SONEGAON | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.5 | 02.0 | 268 | 31 | 02.7 | 01.7 | 284 | 31 | 03.4 | 02.6 | 261 | 31 | 02.7 | 02.1 | 276 | 31 | 01.5 | 00.9 | 349 | 31 | 01.4 | 00.7 | 016 |
| .15 A.G.L. | 30 | 04.7 | 03.2 | 272 | 30 | 04.3 | 02.6 | 289 | 30 | 05.6 | 04.1 | 267 | 28 | 04.8 | 02.9 | 269 | 31 | 03.9 | 01.5 | 336 | 31 | 02.5 | 00.9 | 356 |
| .3A.M.S.L. | 30 | 05.2 | 03.3 | 279 | 30 | 05.3 | 03.4 | 287 | 30 | 05.6 | 04.0 | 272 | 28 | 05.0 | 03.0 | 271 | | | | | | | | |
| .6 ,, | 30 | 05.9 | 03.4 | 286 | 30 | 05.9 | 03.7 | 289 | 30 | 05.5 | 03.8 | 279 | 28 | 05.8 | 03.4 | 273 | 31 | 04.3 | 00.9 | 350 | 31 | 02.8 | 00.7 | 034 |
| .9 ,, | 28 | 05.8 | 02.8 | 293 | 30 | 06.3 | 03.2 | 294 | 30 | 05.6 | 03.3 | 284 | 26 | 05.6 | 02.7 | 270 | 31 | 04.3 | 00.6 | 100 | 31 | 03.0 | 00.9 | 040 |
| 1.5 ,, | 27 | 05.2 | 00.9 | 321 | 25 | 05.0 | 01.4 | 338 | 30 | 05.7 | 02.1 | 284 | 25 | 04.9 | 01.8 | 284 | 31 | 04.5 | 02.6 | 038 | 31 | 04.1 | 02.5 | 040 |
| 2.1 ,, | 26 | 04.6 | 00.8 | 325 | 21 | 05.2 | 00.5 | 332 | 30 | 04.6 | 01.3 | 304 | 21 | 04.0 | 00.5 | 010 | 31 | 05.1 | 04.0 | 026 | 31 | 05.1 | 04.3 | 039 |
| 3.0 ,, | 23 | 04.3 | 00.6 | 325 | 15 | 05.5 | 00.3 | 004 | 30 | 04.8 | 01.0 | 309 | 19 | 03.9 | 01.1 | 071 | 31 | 06.2 | 04.6 | 017 | 30 | 06.2 | 04.7 | 029 |
| 3.6 ,, | 20 | 04.2 | 00.8 | 345 | 13 | 04.8 | 00.1 | 336 | 30 | 04.7 | 01.0 | 309 | 12 | 04.3 | 01.2 | 063 | 31 | 05.8 | 04.3 | 003 | 28 | 05.5 | 03.9 | 015 |
| 4.5 ,, | 17 | 04.4 | 00.4 | 091 | 10 | 05.9 | 02.4 | 164 | 30 | 05.2 | 00.3 | 349 | 03 | 04.0 | 02.0 | 082 | 31 | 04.7 | 03.0 | 328 | 26 | 04.4 | 01.9 | 321 |
| 5.4 ,, | 13 | 04.7 | 03.8 | 102 | 10 | 05.0 | 03.2 | 127 | 30 | 05.8 | 01.5 | 085 | | | | | 31 | 05.3 | 04.0 | 302 | 25 | 05.6 | 03.5 | 282 |
| 6.0 ,, | 12 | 05.4 | 04.4 | 093 | 09 | 05.2 | 04.1 | 112 | 30 | 06.0 | 02.3 | 081 | | | | | 31 | 06.1 | 04.7 | 292 | 25 | 06.6 | 04.6 | 281 |
| 7.2 ,, | 10 | 07.9 | 07.2 | 095 | 07 | 07.1 | 06.2 | 108 | 30 | 06.7 | 04.2 | 085 | | | | | 31 | 08.5 | 07.6 | 281 | 24 | 09.2 | 07.4 | 277 |
| 9.0 ,, | 08 | 08.7 | 08.3 | 098 | 05 | 09.6 | 09.3 | 100 | 30 | 08.3 | 07.3 | 093 | | | | | 31 | 10.5 | 08.8 | 275 | 19 | 12.8 | 11.4 | 271 |

| STATION | NAGPUR/SONEGAON | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.7 | 01.0 | 035 | 31 | 01.0 | 00.2 | 277 | 31 | 01.3 | 00.4 | 095 | 31 | 01.2 | 00.4 | 095 | 31 | 01.5 | 00.6 | 332 | 31 | 00.7 | 00.4 | 260 |
| .15 A.G.L. | 31 | 04.0 | 01.8 | 053 | 31 | 05.2 | 02.5 | 138 | 31 | 05.1 | 01.2 | 076 | 31 | 03.4 | 00.3 | 155 | 31 | 04.8 | 02.6 | 354 | 31 | 06.3 | 01.8 | 070 |
| .3A.M.S.L. | | | | | | | | | 31 | 02.6 | 00.7 | 106 | 31 | 02.9 | 00.7 | 168 | 31 | 02.9 | 01.2 | 357 | 31 | 05.4 | 01.1 | 302 |
| .6 ,, | 31 | 04.0 | 02.0 | 063 | 31 | 05.5 | 02.9 | 134 | 31 | 05.2 | 00.5 | 050 | 31 | 04.0 | 00.6 | 317 | 31 | 04.5 | 02.3 | 346 | 31 | 06.0 | 00.5 | 359 |
| .9 ,, | 31 | 03.5 | 01.9 | 060 | 31 | 05.3 | 02.4 | 109 | 31 | 05.3 | 01.5 | 279 | 31 | 04.4 | 02.2 | 298 | 31 | 04.4 | 02.0 | 319 | 31 | 05.5 | 01.4 | 310 |
| 1.5 ,, | 31 | 03.8 | 02.6 | 037 | 31 | 04.8 | 03.1 | 041 | 31 | 06.9 | 04.9 | 288 | 30 | 06.0 | 04.8 | 304 | 31 | 05.3 | 03.7 | 302 | 31 | 06.1 | 04.7 | 291 |
| 2.1 ,, | 31 | 05.1 | 03.9 | 023 | 30 | 05.7 | 04.6 | 032 | 31 | 08.3 | 07.4 | 291 | 30 | 07.2 | 05.9 | 305 | 31 | 06.8 | 05.8 | 294 | 31 | 07.5 | 06.9 | 296 |
| 3.0 ,, | 31 | 06.2 | 04.7 | 008 | 28 | 05.0 | 03.7 | 358 | 31 | 09.7 | 08.9 | 303 | 29 | 09.1 | 07.8 | 299 | 31 | 09.4 | 08.6 | 300 | 30 | 09.5 | 08.8 | 302 |
| 3.6 ,, | 31 | 05.1 | 03.8 | 001 | 13 | 06.9 | 05.2 | 341 | 31 | 09.5 | 08.8 | 300 | 29 | 10.2 | 08.9 | 299 | 31 | 09.7 | 08.8 | 299 | 17 | 10.5 | 09.6 | 301 |
| 4.5 ,, | 31 | 05.4 | 03.8 | 319 | | | | | 31 | 10.3 | 09.3 | 296 | 28 | 11.6 | 10.7 | 297 | 31 | 11.5 | 10.8 | 292 | 03 | 11.6 | 10.9 | 281 |
| 5.4 ,, | 31 | 05.5 | 04.3 | 280 | | | | | 31 | 11.6 | 10.9 | 291 | 26 | 13.7 | 12.9 | 294 | 31 | 13.3 | 13.0 | 288 | | | | |
| 6.0 ,, | 30 | 06.7 | 05.7 | 280 | | | | | 31 | 13.8 | 12.9 | 28[illegible] | 26 | 15.5 | 14.4 | 287 | 31 | 15.0 | 14.5 | 287 | | | | |
| 7.2 ,, | 30 | 08.5 | 07.3 | 284 | | | | | 31 | 17.6 | 16.8 | 2[illegible] | 20 | 20.7 | 19.2 | 283 | 31 | 18.4 | 18.1 | 284 | | | | |
| 9.0 ,, | 30 | 11.0 | 09.7 | 275 | | | | | 31 | 27.8 | 27.4 | 277 | 18 | 28.9 | 28.3 | 279 | 31 | 28.5 | 27.4 | 278 | | | | |

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.1 | 00.0 | 023 | 31 | 01.5 | 00.5 | 077 | 31 | | | | 31 | 01.6 | 00.5 | 139 | 31 | 02.9 | 01.7 | 101 | 31 | 01.9 | 00.8 | 116 |
| .15 A.G.L. | 31 | 02.9 | 01.1 | 075 | 31 | 05.7 | 02.5 | 055 | 31 | 03.5 | 00.6 | 310 | 31 | 04.0 | 00.8 | 109 | 31 | 03.7 | 02.1 | 094 | 31 | 03.8 | 01.0 | 119 |
| .3A.M.S.L. | | | | | | | | | | | | | 31 | 03.9 | 00.7 | 106 | 31 | 04.0 | 02.4 | 090 | 31 | 03.9 | 01.0 | 116 |
| .6 ,, | 31 | 01.7 | 00.2 | 177 | 31 | 03.7 | 01.3 | 060 | 31 | 02.1 | 00.[illegible] | 2[illegible]0 | 31 | 04.3 | 01.3 | 109 | 31 | 04.4 | 02.3 | 098 | 31 | 04.3 | 01.5 | 091 |
| .9 ,, | 31 | 04.9 | 03.1 | 092 | 31 | 05.7 | 02.7 | 068 | 31 | 05.3 | 01.5 | 024 | 31 | 04.7 | 01.9 | 109 | 27 | 04.7 | 02.8 | 096 | 31 | 04.8 | 02.0 | 091 |
| 1.5 ,, | 31 | 08.8 | 07.7 | 093 | 30 | 05.1 | 03.9 | 071 | 30 | 08.6 | 06.5 | 072 | 30 | 05.1 | 02.8 | 102 | 17 | 05.1 | 02.9 | 096 | 31 | 04.9 | 02.7 | 094 |
| 2.1 ,, | 30 | 09.0 | 08.7 | 083 | 30 | 06.3 | 05.5 | 076 | 30 | 08.9 | 08.1 | 081 | 30 | 05.2 | 03.3 | 100 | 15 | 05.6 | 04.1 | 109 | 31 | 04.8 | 02.9 | 093 |
| 3.0 ,, | 27 | 09.1 | 08.3 | 070 | 28 | 07.4 | 07.0 | 068 | 28 | 08.7 | 08.4 | 080 | 30 | 04.9 | 03.0 | 093 | 13 | 05.1 | 04.4 | 104 | 31 | 05.2 | 03.3 | 087 |
| 3.6 ,, | 18 | 07.9 | 06.7 | 060 | 24 | 07.4 | 06.8 | 071 | 22 | 06.6 | 06.0 | 080 | 30 | 05.3 | 03.6 | 087 | 08 | 05.4 | 02.2 | 214 | 31 | 05.4 | 03.8 | 082 |
| 4.5 ,, | 06 | 04.5 | 03.4 | 337 | 18 | 05.4 | 03.4 | 072 | 08 | 05.6 | 01.0 | 048 | 30 | 06.1 | 04.4 | 087 | 03 | 07.0 | 06.6 | 103 | 31 | 06.0 | 04.1 | 073 |
| 5.4 ,, | 04 | 05.0 | 04.7 | 284 | 16 | 04.8 | 02.4 | 052 | | | | | 30 | 06.4 | 04.8 | 084 | 02 | 06.5 | 06.3 | 087 | 31 | 06.2 | 04.8 | 076 |
| 6.0 ,, | 03 | 08.0 | 05.8 | 305 | 15 | 04.9 | 01.4 | 058 | | | | | 29 | 06.7 | 05.7 | 077 | 02 | 07.5 | 07.0 | 078 | 31 | 06.5 | 05.5 | 074 |
| 7.2 ,, | | | | | 13 | 05.4 | 01.4 | 356 | | | | | 28 | 06.6 | 05.9 | 083 | 02 | 07.0 | 06.6 | 080 | 31 | 06.9 | 06.0 | 074 |
| 9.0 ,, | | | | | 06 | 07.8 | 05.3 | 260 | | | | | 27 | 07.0 | 05.7 | 092 | 02 | 06.0 | 06.0 | 253 | 31 | 06.5 | 05.6 | 083 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.3 | 00.7 | 063 | 31 | 01.0 | 00.3 | 215 | 31 | 01.6 | 00.6 | 061 | 31 | 01.6 | 00.9 | 178 | 31 | 02.8 | 02.3 | 087 | 31 | 01.3 | 00.4 | 353 |
| .15 A.G.L. | 31 | 03.9 | 00.9 | 082 | 31 | 03.8 | 00.9 | 251 | 31 | 03.4 | 01.5 | 065 | 31 | 05.0 | 01.6 | 155 | 31 | 05.0 | 04.8 | 100 | 31 | 02.5 | 00.8 | 010 |
| .3A.M.S.L. | 31 | 04.1 | 01.4 | 090 | | | | | | | | | | | | | 31 | 04.9 | 04.3 | 108 | 31 | 02.7 | 00.9 | 012 |
| .6 ,, | 31 | 04.3 | 02.0 | 093 | 31 | 04.3 | 00.6 | 218 | 31 | 03.7 | 01.9 | 056 | 31 | 04.8 | 01.1 | 126 | 31 | 04.1 | 03.3 | 122 | 31 | 02.6 | 00.5 | 273 |
| .9 ,, | 27 | 03.8 | 02.5 | 102 | 31 | 04.0 | 00.6 | 036 | 31 | 03.9 | 02.1 | 031 | 31 | 04.6 | 01.1 | 069 | 31 | 04.0 | 01.9 | 126 | 31 | 02.9 | 01.0 | 268 |
| 1.5 ,, | 21 | 03.7 | 01.8 | 108 | 31 | 04.9 | 01.3 | 078 | 31 | 04.4 | 02.9 | 006 | 31 | 05.2 | 03.3 | 026 | 31 | 03.4 | 00.6 | 315 | 30 | 03.3 | 02.4 | 268 |
| 2.1 ,, | 16 | 03.5 | 02.1 | 093 | 31 | 05.6 | 02.5 | 058 | 31 | 05.7 | 04.6 | 006 | 31 | 06.1 | 05.2 | 024 | 28 | 04.3 | 02.5 | 294 | 29 | 04.1 | 02.7 | 285 |
| 3.0 ,, | 16 | 04.4 | 03.2 | 090 | 29 | 07.3 | 06.3 | 013 | 31 | 06.7 | 05.4 | 007 | 30 | 06.7 | 05.2 | 163 | 26 | 05.9 | 04.5 | 291 | 22 | 06.1 | 04.6 | 305 |
| 3.6 ,, | 10 | 05.2 | 03.6 | 103 | 29 | 06.0 | 04.3 | 004 | 31 | 06.5 | 04.6 | 001 | 27 | 05.9 | 04.5 | 001 | 26 | 06.3 | 05.4 | 291 | 21 | 06.9 | 05.8 | 302 |
| 4.5 ,, | 05 | 04.8 | 03.3 | 105 | 29 | 05.4 | 04.0 | 333 | 31 | 05.9 | 03.8 | 292 | 16 | 05.1 | 03.8 | 308 | 23 | 08.5 | 08.1 | 290 | 17 | 09.3 | 09.1 | 288 |
| 5.4 ,, | 02 | 03.5 | 02.9 | 065 | 28 | 05.4 | 04.1 | 294 | 29 | 06.6 | 05.1 | 285 | 05 | 06.8 | 05.2 | 299 | 19 | 20.1 | 09.1 | 280 | 16 | 12.3 | 12.1 | 280 |
| 6.0 ,, | 01 | 03.0 | 03.0 | 050 | 28 | 06.1 | 04.9 | 277 | 29 | 07.3 | 06.4 | 278 | 02 | 08.0 | 07.7 | 283 | 16 | 12.3 | 11.4 | 274 | 14 | 14.5 | 14.1 | 277 |
| 7.2 ,, | | | | | 28 | 09.4 | 08.4 | 276 | 27 | 10.3 | 09.2 | 278 | 01 | 10.0 | 10.0 | 294 | 16 | 18.8 | 18.0 | 269 | 08 | 19.1 | 18.8 | 265 |
| 9.0 ,, | | | | | 24 | 12.0 | 10.5 | 269 | 21 | 12.7 | 11.7 | 272 | | | | | 07 | 26.7 | 25.5 | 264 | 01 | 22.0 | 22.0 | 251 |

| STATION | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 28 | 00.2 | 00.2 | 325 | 28 | 01.1 | 01.0 | 309 | 31 | 02.9 | 01.7 | 314 | 31 | 03.0 | 01.2 | 029 | 31 | 02.6 | 01.0 | 029 | 31 | 02.3 | 01.1 | 345 |
| .15 A.G.L. | 28 | 01.7 | 00.5 | 124 | 28 | 02.3 | 01.8 | 323 | 31 | 05.0 | 03.1 | 341 | 30 | 04.3 | 02.0 | 039 | 28 | 05.0 | 02.4 | 060 | 31 | 04.7 | 02.7 | 328 |
| .3A.M.S.L. | | | | | | | | | 31 | 05.4 | 03.0 | 347 | 30 | 04.2 | 02.2 | 040 | 28 | 05.4 | 02.7 | 066 | 31 | 04.8 | 02.8 | 328 |
| .6 ,, | | | | | | | | | 31 | 05.7 | 02.9 | 002 | 30 | 04.8 | 02.7 | 038 | 28 | 05.8 | 03.3 | 069 | 31 | 04.9 | 02.9 | 323 |
| .9 ,, | | | | | | | | | 31 | 05.8 | 02.9 | 021 | 29 | 05.2 | 03.0 | 045 | 28 | 05.8 | 03.5 | 065 | 31 | 04.9 | 02.9 | 314 |
| 1.5 ,, | | | | | | | | | 28 | 05.6 | 03.1 | 034 | 27 | 06.1 | 03.9 | 038 | 26 | 05.8 | 03.4 | 043 | 31 | 04.9 | 01.8 | 319 |
| 2.1 ,, | 28 | 01.3 | 00.4 | 161 | 28 | 02.0 | 01.4 | 309 | 27 | 05.1 | 02.3 | 046 | 26 | 05.9 | 03.6 | 034 | 25 | 05.6 | 03.6 | 038 | 31 | 04.4 | 01.1 | 323 |
| 3.0 ,, | 28 | 02.4 | 01.4 | 151 | 28 | 03.2 | 01.9 | 162 | 25 | 05.3 | 01.6 | 046 | 23 | 05.4 | 02.3 | 025 | 21 | 05.3 | 02.6 | 057 | 31 | 04.1 | 00.5 | 220 |
| 3.6 ,, | 28 | 03.6 | 01.7 | 145 | 28 | 04.5 | 02.4 | 190 | 23 | 04.6 | 01.7 | 071 | 21 | 04.8 | 02.6 | 033 | 16 | 04.6 | 02.3 | 061 | 31 | 04.3 | 01.0 | 228 |
| 4.5 ,, | 28 | 05.1 | 02.7 | 231 | 27 | 05.9 | 04.3 | 243 | 21 | 05.2 | 01.6 | 095 | 19 | 04.9 | 01.9 | 044 | 08 | 03.5 | 00.6 | 080 | 31 | 05.0 | 00.7 | 160 |
| 5.4 ,, | 28 | 08.3 | 05.9 | 263 | 27 | 08.4 | 07.1 | 257 | 17 | 07.0 | 02.4 | 111 | 18 | 05.2 | 02.6 | 089 | 05 | 04.2 | 00.7 | 045 | 31 | 05.8 | 01.6 | 084 |
| 6.0 ,, | 28 | 10.5 | 08.9 | 274 | 27 | 10.4 | 08.9 | 271 | 16 | 08.0 | 03.9 | 111 | 18 | 05.6 | 02.9 | 095 | | | | | 31 | 06.6 | 02.5 | 102 |
| 7.2 ,, | 27 | 13.7 | 12.6 | 277 | 27 | 12.0 | 11.4 | 274 | 14 | 08.6 | 06.9 | 097 | 14 | 07.1 | 03.5 | 096 | | | | | 31 | 06.2 | 04.4 | 093 |
| 9.0 ,, | 27 | 18.7 | 17.0 | 276 | 27 | 19.4 | 18.1 | 278 | 08 | 07.3 | 06.4 | 099 | 08 | 06.6 | 05.9 | 105 | | | | | 31 | 07.2 | 06.3 | 094 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 02.2 | 01.4 | 276 | 31 | 03.2 | 01.5 | 272 | 31 | 01.8 | 00.7 | 352 | 31 | | | | 31 | 00.8 | 00.4 | 248 | 31 | 00.1 | 00.1 | 225 |
| .15 A.G.L. | 31 | 03.1 | 01.9 | 281 | 31 | 04.9 | 03.0 | 272 | 26 | 03.2 | 01.3 | 060 | 31 | 02.7 | 01.8 | 298 | 31 | 03.6 | 01.3 | 282 | 31 | 03.0 | 01.6 | 305 |
| .3A.M.S.L. | 31 | 03.5 | 02.0 | 285 | 31 | 04.9 | 03.0 | 272 | 26 | 03.5 | 01.4 | 283 | | | | | | | | | | | | |
| .6 ,, | 31 | 03.8 | 02.1 | 301 | 31 | 04.9 | 03.3 | 268 | 26 | 04.0 | 02.3 | 278 | | | | | | | | | | | | |
| .9 ,, | 26 | 04.7 | 01.9 | 303 | 31 | 05.1 | 02.8 | 279 | 26 | 04.0 | 01.8 | 287 | 31 | 04.1 | 01.9 | 294 | 31 | 03.8 | 01.9 | 278 | 31 | 04.1 | 01.9 | 307 |
| 1.5 ,, | 19 | 04.2 | 01.1 | 359 | 31 | 04.9 | 02.0 | 323 | 25 | 04.8 | 00.5 | 337 | 31 | 04.3 | 02.2 | 275 | 31 | 03.6 | 01.9 | 297 | 31 | 04.6 | 02.5 | 309 |
| 2.1 ,, | 11 | 04.5 | 01.7 | 021 | 31 | 04.5 | 01.1 | 350 | 20 | 04.7 | 01.4 | 065 | 31 | 04.1 | 02.6 | 262 | 31 | 03.6 | 02.3 | 287 | 31 | 03.5 | 01.4 | 275 |
| 3.0 ,, | 03 | 03.7 | 02.7 | 329 | 31 | 04.4 | 00.9 | 345 | 11 | 04.6 | 02.1 | 127 | 31 | 04.7 | 01.3 | 261 | 29 | 03.1 | 01.6 | 285 | 31 | 03.6 | 01.5 | 248 |
| 3.6 ,, | 03 | 03.3 | 02.2 | 340 | 31 | 04.4 | 00.8 | 295 | 09 | 04.3 | 00.5 | 208 | 31 | 06.0 | 02.5 | 302 | 27 | 03.6 | 01.2 | 288 | 31 | 05.0 | 02.3 | 285 |
| 4.5 ,, | 02 | 05.0 | 01.5 | 053 | 31 | 05.4 | 00.6 | 013 | 05 | 05.8 | 01.8 | 073 | 30 | 06.1 | 04.3 | 316 | 25 | 05.4 | 03.3 | 295 | 19 | 05.4 | 03.1 | 289 |
| 5.4 ,, | 02 | 06.5 | 03.1 | 071 | 31 | 05.5 | 01.8 | 087 | 01 | 02.0 | 02.0 | 115 | 28 | 07.1 | 05.3 | 295 | 24 | 07.9 | 07.0 | 291 | 01 | 08.0 | 08.0 | 265 |
| 6.0 ,, | 02 | 06.0 | 02.9 | 066 | 31 | 06.4 | 02.7 | 111 | 01 | 05.0 | 05.0 | 145 | 28 | 08.7 | 07.8 | 287 | 24 | 09.4 | 08.4 | 288 | 01 | 13.0 | 13.0 | 290 |
| 7.2 ,, | | | | | 31 | 06.5 | 04.4 | 099 | | | | | 24 | 14.2 | 13.7 | 277 | 21 | 13.8 | 13.0 | 287 | | | | |
| 9.0 ,, | | | | | 31 | 08.0 | 06.5 | 086 | | | | | 22 | 22.5 | 21.7 | 277 | 14 | 20.8 | 20.3 | 282 | | | | |

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 00.6 | 00.6 | 015 | 31 | 01.8 | 01.5 | 266 | 31 | 00.8 | 00.5 | 015 | 31 | 02.6 | 02.4 | 003 | 31 | 04.3 | 03.1 | 255 | 31 | 01.9 | 01.4 | 307 |
| .15 A.G.L. | 31 | 03.7 | 02.2 | 064 | 28 | 04.0 | 03.3 | 282 | 30 | 04.1 | 02.8 | 017 | 31 | 07.6 | 06.8 | 351 | 31 | 04.7 | 03.5 | 239 | 31 | 05.2 | 04.2 | 311 |
| .3A.M.S.L. | 31 | 04.5 | 02.4 | 063 | 28 | 04.1 | 03.1 | 282 | 30 | 04.7 | 02.9 | 006 | 31 | 07.4 | 06.2 | 351 | 31 | 04.4 | 03.2 | 226 | 31 | 05.0 | 03.8 | 310 |
| .6 ,, | 31 | 05.4 | 02.7 | 070 | 28 | 03.5 | 01.0 | 348 | 30 | 04.8 | 02.2 | 007 | 31 | 06.4 | 05.0 | 358 | 31 | 03.7 | 02.1 | 204 | 31 | 04.3 | 02.1 | 297 |
| .9 ,, | 31 | 06.2 | 03.6 | 087 | 28 | 03.9 | 01.5 | 062 | 28 | 05.1 | 01.9 | 039 | 31 | 05.1 | 03.4 | 020 | 31 | 03.4 | 01.4 | 196 | 31 | 04.2 | 00.9 | 334 |
| 1.5 ,, | 30 | 07.4 | 05.9 | 094 | 25 | 06.8 | 06.5 | 067 | 27 | 07.5 | 05.9 | 089 | 30 | 04.6 | 03.3 | 080 | 31 | 03.8 | 02.1 | 044 | 31 | 04.7 | 02.2 | 085 |
| 2.1 ,, | 28 | 07.9 | 07.1 | 081 | 23 | 09.3 | 09.0 | 075 | 24 | 09.5 | 08.9 | 079 | 29 | 05.0 | 03.7 | 102 | 30 | 05.2 | 04.1 | 047 | 31 | 05.2 | 03.7 | 081 |
| 3.0 ,, | 21 | 08.4 | 07.2 | 070 | 21 | 09.2 | 08.5 | 074 | 22 | 09.5 | 08.8 | 076 | 29 | 05.7 | 03.9 | 114 | 30 | 05.5 | 04.6 | 041 | 31 | 05.6 | 04.4 | 077 |
| 3.6 ,, | 11 | 07.8 | 05.9 | 071 | 20 | 07.5 | 06.7 | 073 | 13 | 06.4 | 04.5 | 070 | 14 | 04.8 | 03.3 | 092 | 29 | 05.4 | 03.8 | 037 | 26 | 06.4 | 04.4 | 080 |
| 4.5 ,, | | | | | 18 | 05.7 | 04.3 | 081 | | | | | | | | | 28 | 04.2 | 01.5 | 358 | 14 | 05.4 | 00.3 | 152 |
| 5.4 ,, | | | | | 18 | 05.9 | 03.2 | 088 | | | | | | | | | 25 | 05.2 | 03.1 | 316 | 03 | 03.7 | 00.7 | 324 |
| 6.0 ,, | | | | | 17 | 06.1 | 03.5 | 080 | | | | | | | | | 25 | 06.3 | 04.5 | 303 | 02 | 03.5 | 01.5 | 201 |
| 7.2 ,, | | | | | 13 | 06.8 | 05.0 | 084 | | | | | | | | | 24 | 08.6 | 06.5 | 292 | 01 | 06.0 | 06.0 | 045 |
| 9.0 ,, | | | | | 09 | 05.4 | 03.8 | 094 | | | | | | | | | 19 | 11.4 | 09.9 | 280 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STATION | VIJAYAWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 01.2 | 030 | 31 | 02.6 | 01.4 | 096 | 30 | 01.6 | 01.0 | 112 | 31 | 02.7 | 02.6 | 358 | 31 | 02.2 | 01.0 | 089 | 31 | 03.1 | 02.0 | 040 |
| .15 A.G.L. | 31 | 03.6 | 01.9 | 075 | 31 | 04.2 | 02.8 | 111 | 30 | 05.2 | 03.7 | 125 | 31 | 05.4 | 04.9 | 007 | 31 | 04.5 | 02.5 | 073 | 31 | 05.1 | 03.7 | 050 |
| .3A.M.S.L. | 31 | 03.8 | 02.2 | 091 | 31 | 04.9 | 03.1 | 100 | 30 | 05.2 | 04.2 | 125 | 31 | 05.2 | 04.4 | 013 | 31 | 04.4 | 02.7 | 058 | 31 | 05.2 | 03.9 | 053 |
| .6 ,, | 31 | 04.2 | 02.8 | 093 | 31 | 04.7 | 03.3 | 083 | 30 | 04.9 | 04.1 | 110 | 31 | 04.7 | 03.3 | 044 | 31 | 04.3 | 02.8 | 048 | 31 | 05.1 | 03.6 | 060 |
| .9 ,, | 30 | 05.1 | 03.8 | 088 | 31 | 05.0 | 03.7 | 069 | 30 | 05.2 | 04.3 | 092 | 31 | 05.1 | 03.8 | 055 | 31 | 05.2 | 03.4 | 050 | 31 | 05.3 | 04.2 | 054 |
| 1.5 ,, | 30 | 06.7 | 05.3 | 072 | 31 | 06.8 | 05.6 | 061 | 30 | 06.8 | 05.9 | 071 | 31 | 06.3 | 04.7 | 066 | 30 | 06.7 | 04.9 | 055 | 31 | 06.5 | 05.2 | 051 |
| 2.1 ,, | 30 | 08.1 | 06.5 | 068 | 31 | 08.6 | 07.3 | 063 | 30 | 08.1 | 07.1 | 073 | 31 | 07.0 | 05.3 | 057 | 29 | 07.4 | 05.7 | 053 | 31 | 08.1 | 05.7 | 048 |
| 3.0 ,, | 29 | 06.9 | 05.2 | 060 | 31 | 07.1 | 05.6 | 060 | 30 | 06.8 | 05.4 | 070 | 31 | 06.2 | 03.7 | 057 | 29 | 06.0 | 03.8 | 048 | 31 | 06.6 | 04.6 | 042 |
| 3.6 ,, | 28 | 05.6 | 03.6 | 060 | 28 | 05.9 | 03.7 | 057 | 26 | 05.0 | 02.8 | 058 | 31 | 05.3 | 02.2 | 051 | 29 | 04.7 | 02.0 | 051 | 31 | 04.9 | 02.0 | 030 |
| 4.5 ,, | 26 | 04.6 | 02.6 | 074 | 27 | 03.9 | 01.9 | 083 | 23 | 03.3 | 00.4 | 108 | 31 | 04.7 | 00.8 | 080 | 27 | 04.2 | 01.0 | 123 | 30 | 04.5 | 00.8 | 358 |
| 5.4 ,, | 25 | 05.1 | 02.2 | 063 | 27 | 04.3 | 01.5 | 072 | 12 | 03.7 | 00.6 | 310 | 30 | 05.4 | 00.6 | 191 | 27 | 04.6 | 00.4 | 250 | 30 | 05.0 | 01.1 | 300 |
| 6.0 ,, | 25 | 05.3 | 02.8 | 080 | 27 | 05.3 | 01.3 | 073 | 08 | 03.7 | 01.0 | 028 | 30 | 05.1 | 00.5 | 138 | 25 | 05.0 | 00.8 | 252 | 30 | 05.4 | 00.9 | 329 |
| 7.2 ,, | 24 | 05.7 | 03.2 | 057 | 22 | 04.9 | 02.6 | 062 | | | | | 30 | 04.7 | 00.7 | 055 | 21 | 05.0 | 00.6 | 202 | 30 | 05.9 | 01.4 | 305 |
| 9.0 ,, | 23 | 04.6 | 01.1 | 064 | 11 | 06.1 | 00.7 | 007 | | | | | 29 | 05.3 | 01.2 | 272 | 16 | 06.1 | 01.9 | 276 | 30 | 06.6 | 01.2 | 228 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 31 | 01.8 | 00.6 | 067 | | | | | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 30 | 04.0 | 01.1 | 087 | | | | | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 30 | 04.2 | 01.3 | 096 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 30 | 04.4 | 02.5 | 085 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 30 | 04.5 | 03.0 | 065 | | | | | | | | | | | | | | | | | | | | |
| 1.5 ,, | 27 | 05.8 | 04.3 | 055 | | | | | | | | | | | | | | | | | | | | |
| 2.1 ,, | 24 | 06.5 | 05.6 | 060 | | | | | | | | | | | | | | | | | | | | |
| 3.0 ,, | 22 | 06.1 | 03.5 | 065 | | | | | | | | | | | | | | | | | | | | |
| 3.6 ,, | 11 | 04.3 | 01.3 | 247 | | | | | | | | | | | | | | | | | | | | |
| 4.5 ,, | 04 | 06.0 | 04.2 | 228 | | | | | | | | | | | | | | | | | | | | |
| 5.4 ,, | 02 | 11.0 | 06.2 | 198 | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | 02 | 08.5 | 05.7 | 202 | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | 01 | 09.0 | 09.0 | 215 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 01 | 12.0 | 12.0 | 200 | | | | | | | | | | | | | | | | | | | | |

## TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

October 1966 (Asvina 9 - Kartika 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **AGARTALA** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 17.0 | 17.0 | 265 |
| | 1730 hr. | | | |
| 10.5 | 1 | 26.0 | 26.0 | 240 |
| | **AHMADABAD** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 21.6 | 20.3 | 278 |
| 12.0 | 31 | 23.9 | 22.8 | 273 |
| 14.1 | 20 | 21.7 | 20.3 | 263 |
| 16.2 | 12 | 11.3 | 9.8 | 278 |
| 18.0 | 4 | 6.7 | 6.4 | 254 |
| 21.0 | 1 | 5.0 | 5.0 | 095 |
| | 1130 hr. | | | |
| 10.5 | 10 | 22.6 | 18.7 | 273 |
| 12.0 | 4 | 19.7 | 19.6 | 263 |
| 14.1 | 3 | 22.0 | 22.0 | 255 |
| 16.2 | 1 | 6.0 | 6.0 | 285 |
| 18.0 | 1 | 10.0 | 10.0 | 345 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 20.2 | 19.0 | 280 |
| 12.0 | 30 | 21.0 | 19.8 | 271 |
| 14.1 | 17 | 23.8 | 22.6 | 265 |
| 16.2 | 10 | 15.2 | 14.1 | 268 |
| 18.0 | 1 | 9.0 | 9.0 | 260 |
| | **AMBALA** | | | |
| | 1730 hr. | | | |
| 10.5 | 1 | 29.0 | 29.0 | 296 |
| | **ANANTAPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 11 | 6.5 | 4.2 | 140 |
| 12.0 | 10 | 6.5 | 5.2 | 173 |
| 14.1 | 7 | 7.6 | 5.9 | 150 |
| 16.2 | 6 | 8.8 | 5.7 | 131 |
| 18.0 | 5 | 5.4 | 0.8 | 159 |
| 21.0 | 3 | 7.7 | 4.1 | 243 |
| | **ASANSOL** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 16.0 | 15.7 | 250 |
| 12.0 | 2 | 21.5 | 21.3 | 249 |
| 14.1 | 1 | 17.0 | 17.0 | 250 |
| 16.2 | 1 | 13.0 | 13.0 | 250 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **ASANSOL (CONTD.)** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 15.0 | 15.0 | 250 |
| 12.0 | 2 | 21.5 | 21.1 | 260 |
| 14.1 | 1 | 16.0 | 16.0 | 210 |
| | **BANGALORE** | | | |
| | 0530 ● | | | |
| 10.5 | 10 | 5.7 | 4.8 | 103 |
| 12.0 | 10 | 7.1 | 5.5 | 129 |
| 14.1 | 6 | 10.8 | 9.2 | 126 |
| 16.2 | 5 | 13.6 | 12.5 | 109 |
| 18.0 | 3 | 6.7 | 3.0 | 096 |
| 21.0 | 3 | 4.7 | 1.5 | 066 |
| 24.0 | 1 | 3.0 | 3.0 | 335 |
| 27.0 | 1 | 6.0 | 6.0 | 090 |
| | 1130 hr. | | | |
| 10.5 | 7 | 7.7 | 5.6 | 092 |
| 12.0 | 6 | 6.7 | 5.1 | 090 |
| 14.1 | 5 | 10.8 | 8.6 | 149 |
| 16.2 | 3 | 12.0 | 10.9 | 158 |
| 18.0 | 3 | 7.7 | 7.2 | 119 |
| 21.0 | 3 | 11.0 | 9.2 | 076 |
| 24.0 | 1 | 2.0 | 2.0 | 035 |
| 27.0 | 1 | 5.0 | 5.0 | 180 |
| 30.0 | 1 | 7.0 | 7.0 | 210 |
| | 1730 hr. ● | | | |
| 10.5 | 8 | 5.8 | 4.7 | 103 |
| 12.0 | 7 | 7.4 | 5.4 | 126 |
| 14.1 | 6 | 13.7 | 11.6 | 117 |
| 16.2 | 2 | 11.0 | 10.6 | 110 |
| 18.0 | 2 | 5.5 | 4.9 | 110 |
| 21.0 | 2 | 4.5 | 1.8 | 022 |
| | **BAREILLY** | | | |
| | 1730 hr. | | | |
| 10.5 | 2 | 24.5 | 24.5 | 249 |
| | **BEGAMPET** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 8.3 | 2.5 | 141 |
| 12.0 | 2 | 3.5 | 3.3 | 116 |
| 14.1 | 2 | 7.0 | 1.3 | 165 |
| 16.2 | 2 | 11.0 | 9.5 | 180 |
| 18.0 | 2 | 13.0 | 13.0 | 185 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BEGAMPET (CONTD).** | | | |
| | 0530 hr. (Contd). | | | |
| 21.0 | 2 | 10.5 | 10.3 | 170 |
| 24.0 | 1 | 18.0 | 18.0 | 180 |
| | **BHOPAL/ RAIRAGARH** | | | |
| | 0530 hr. | | | |
| 10.5 | 25 | 21.2 | 20.1 | 272 |
| 12.0 | 22 | 22.1 | 21.3 | 268 |
| 14.1 | 20 | 22.1 | 21.1 | 263 |
| 16.2 | 16 | 18.4 | 17.3 | 260 |
| 18.0 | 13 | 13.5 | 11.2 | 279 |
| 21.0 | 12 | 8.1 | 2.2 | 084 |
| 24.0 | 6 | 9.8 | 6.6 | 085 |
| 27.0 | 2 | 15.0 | 15.0 | 088 |
| 30.0 | 1 | 9.0 | 9.0 | 090 |
| | 1730 hr. | | | |
| 10.5 | 18 | 18.4 | 17.2 | 269 |
| 12.0 | 12 | 17.1 | 16.3 | 265 |
| 14.1 | 6 | 19.2 | 18.5 | 247 |
| 16.2 | 4 | 8.0 | 7.1 | 268 |
| 18.0 | 1 | 3.0 | 3.0 | 300 |
| | **BHUBANESWAR** | | | |
| | 0530 hr. | | | |
| 10.5 | 6 | 10.8 | 9.7 | 260 |
| 12.0 | 6 | 10.0 | 8.2 | 250 |
| 14.1 | 4 | 6.0 | 3.1 | 232 |
| 16.2 | 2 | 4.0 | 3.9 | 014 |
| 18.0 | 1 | 2.0 | 2.0 | 056 |
| | 1730 hr. | | | |
| 10.5 | 3 | 11.3 | 11.2 | 292 |
| 12.0 | 1 | 15.0 | 15.0 | 330 |
| | **BOMBAY/ SANTACRUZ** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 8.0 | 5.1 | 264 |
| 12.0 | 30 | 9.3 | 6.8 | 255 |
| 14.1 | 28 | 10.4 | 8.3 | 227 |
| 16.2 | 23 | 8.2 | 3.7 | 210 |
| 18.0 | 21 | 5.7 | 2.0 | 103 |
| 21.0 | 10 | 6.8 | 4.1 | 092 |
| 24.0 | 1 | 13.0 | 13.0 | 104 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **BOMBAY/ SANTACRUZ (CONTD.)** | | | |
| | 1130 hr. | | | |
| 10.5 | 13 | 6.5 | 3.9 | 268 |
| 12.0 | 8 | 9.3 | 8.4 | 259 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 7.9 | 4.5 | 272 |
| 12.0 | 31 | 9.8 | 7.0 | 247 |
| 14.1 | 28 | 11.4 | 7.5 | 222 |
| 16.2 | 26 | 8.5 | 4.0 | 193 |
| 18.0 | 21 | 6.9 | 1.2 | 113 |
| 21.0 | 5 | 7.2 | 5.8 | 123 |
| 24.0 | 3 | 9.0 | 8.1 | 110 |
| | **CALCUTTA/ DUM DUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 17.7 | 16.0 | 261 |
| 12.0 | 30 | 17.7 | 16.3 | 255 |
| 14.1 | 29 | 17.7 | 16.0 | 250 |
| 16.2 | 29 | 12.6 | 11.9 | 246 |
| 18.0 | 15 | 6.5 | 4.0 | 271 |
| 21.0 | 5 | 8.4 | 7.6 | 077 |
| 24.0 | 1 | 11.0 | 11.0 | 084 |
| | 1130 hr. | | | |
| 10.5 | 1 | 28.0 | 28.0 | 255 |
| 12.0 | 1 | 30.0 | 30.0 | 250 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 18.6 | 17.4 | 260 |
| 12.0 | 30 | 20.1 | 19.0 | 257 |
| 14.1 | 30 | 19.0 | 17.4 | 253 |
| 16.2 | 30 | 14.4 | 13.1 | 250 |
| 18.0 | 19 | 7.1 | 3.8 | 251 |
| 21.0 | 9 | 7.5 | 6.8 | 103 |
| 24.0 | 3 | 9.3 | 9.3 | 113 |
| | **DIBRUGARH/ MOHANBARI** | | | |
| | 0530 hr. | | | |
| 10.5 | 5 | 40.0 | 38.3 | 258 |
| | 1130 hr. | | | |
| 10.5 | 5 | 40.7 | 38.5 | 259 |
| 12.0 | 1 | 36.0 | 36.0 | 275 |
| 14.1 | 1 | 66.0 | 66.0 | 270 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

October 1966 (Asvina 9 - Kartika 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **GADAG** | | | |
| | 0530 hr. | | | |
| 10.5 | 15 | 5.6 | 4.3 | 096 |
| 12.0 | 13 | 7.4 | 4.7 | 105 |
| 14.1 | 12 | 8.7 | 7.9 | 139 |
| 16.2 | 10 | 11.8 | 9.4 | 131 |
| 18.0 | 8 | 7.7 | 4.8 | 117 |
| 21.0 | 4 | 6.5 | 4.1 | 133 |
| | 1730 hr. | | | |
| 10.5 | 15 | 6.0 | 3.9 | 120 |
| 12.0 | 11 | 7.5 | 4.1 | 167 |
| 14.1 | 7 | 6.7 | 4.1 | 146 |
| 16.2 | 6 | 7.7 | 6.1 | 141 |
| 18.0 | 5 | 5.0 | 0.9 | 146 |
| 21.0 | 2 | 6.0 | 5.8 | 098 |
| | **GANGTOK** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 30.7 | 28.7 | 253 |
| 2.0 | 1 | 39.0 | 39.0 | 289 |
| | 1730 hr. | | | |
| 10.5 | 1 | 52.0 | 52.0 | 275 |
| | **GAUHATI** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 26.8 | 25.7 | 265 |
| 12.0 | 27 | 28.8 | 27.6 | 264 |
| 14.1 | 23 | 28.7 | 28.0 | 261 |
| 16.2 | 17 | 22.1 | 20.6 | 267 |
| 18.0 | 12 | 16.7 | 14.8 | 264 |
| 21.0 | 7 | 9.3 | 3.2 | 255 |
| 24.0 | 1 | 14.0 | 14.0 | 085 |
| | 1130 hr. | | | |
| 10.5 | 2 | 42.0 | 41.3 | 250 |
| | 1730 hr.* | | | |
| 10.5 | 29 | 28.0 | 27.2 | 264 |
| 12.0 | 28 | 31.2 | 30.0 | 264 |
| 14.1 | 20 | 26.8 | 26.2 | 258 |
| 16.2 | 14 | 21.8 | 21.1 | 261 |
| 18.0 | 7 | 16.3 | 15.8 | 262 |
| 21.0 | 2 | 10.0 | 2.1 | 087 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **GORAKHPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 28.0 | 28.0 | 265 |
| | **GWALIOR** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 32.0 | 30.7 | 296 |
| | 1130 hr. | | | |
| 10.5 | 2 | 33.5 | 29.1 | 263 |
| | 1730 hr. | | | |
| 10.5 | 2 | 29.5 | 29.5 | 313 |
| | **IMPHAL/ TULIHAL** | | | |
| | 0530 hr. | | | |
| 10.5 | 3 | 29.3 | 28.8 | 263 |
| 12.0 | 2 | 36.0 | 34.5 | 265 |
| 14.1 | 1 | 45.0 | 45.0 | 255 |
| 16.2 | 1 | 39.0 | 39.0 | 255 |
| 18.0 | 1 | 28.0 | 28.0 | 255 |
| 21.0 | 1 | 7.0 | 7.0 | 086 |
| 24.0 | 1 | 16.0 | 16.0 | 090 |
| | 1130 hr. | | | |
| 10.5 | 5 | 28.2 | 27.2 | 245 |
| 12.0 | 5 | 33.6 | 33.[illegible] | 247 |
| 14.1 | [illegible] | 42.5 | 41.[illegible] | 239 |
| 16.2 | 3 | 37.0 | 37.0 | 244 |
| 18.0 | 2 | 24.0 | 24.0 | 261 |
| 21.0 | 1 | 27.0 | 27.0 | 265 |
| 24.0 | 1 | 21.0 | 21.0 | 235 |
| 27.0 | 1 | 16.0 | 16.0 | 250 |
| | **JABALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 20.0 | 19.9 | 271 |
| | 1730 hr. | | | |
| 10.5 | 1 | 22.0 | 22.0 | 280 |
| | **JAGDALPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 16 | 11.2 | 6.9 | 257 |
| 12.0 | 13 | 9.5 | 8.6 | 232 |
| 14.1 | 9 | 9.9 | 8.7 | 236 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JAGDALPUR (CONTD.)** | | | |
| | 0530 hr. (Contd.) | | | |
| 16.2 | 7 | 9.9 | 6,2 | 229 |
| 18.0 | 5 | 9.6 | 8.5 | 189 |
| 21.0 | 2 | 3.0 | 2.3 | 315 |
| 24.0 | 1 | 4.0 | 4.0 | 144 |
| 27.0 | 1 | 20.0 | 20.0 | 212 |
| 30.0 | 1 | 14.0 | 14.0 | 235 |
| | 1730 hr. | | | |
| 10.5 | 10 | 6.9 | 6.7 | 184 |
| 12.0 | 6 | 9.8 | 7.6 | 273 |
| 14.1 | 1 | 8.0 | 8.0 | 035 |
| | **JAMSHEDPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 1 | 12.0 | 12.0 | 240 |
| 12.0 | 1 | 14.0 | 14.0 | 236 |
| | 1730 hr. | | | |
| 10.5 | 2 | 15.5 | 15.3 | 257 |
| 12.0 | 1 | 20.0 | 20.0 | 255 |
| | **JHARSUGUDA** | | | |
| | 0530 hr. | | | |
| 10.5 | 10 | 16.1 | 15.1 | 260 |
| 12.0 | 9 | 17.2 | 16.2 | 250 |
| 14.1 | 6 | 18.5 | 18.2 | 248 |
| 16.2 | 5 | 13.6 | 12.5 | 240 |
| 18.0 | 5 | 10.8 | 8.6 | 250 |
| 21.0 | 3 | 12.3 | 12.3 | 225 |
| | 1730 hr. | | | |
| 10.5 | 13 | 18.7 | 17.9 | 257 |
| 12.0 | 7 | 17.3 | 16.3 | 266 |
| 14.1 | 4 | 17.3 | 16.0 | 249 |
| 16.2 | 1 | 23.0 | 23.0 | 225 |
| 18.0 | 1 | 22.0 | 22.0 | 270 |
| | **JODHPUR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 31.6 | 30.5 | 275 |
| 12.0 | 31 | 36.6 | 34.5 | 271 |
| 14.1 | 26 | 32.8 | 31.4 | 267 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **JODHPUR (CONTD.)** | | | |
| | 0530 hr.*(Contd.) | | | |
| 16.2 | 20 | 26.0 | 24.7 | 266 |
| 18.0 | 3 | 15.7 | 9.4 | 280 |
| 21.0 | 1 | 7.0 | 7.0 | 075 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 32.7 | 31.5 | 276 |
| 12.0 | 31 | 33.8 | 32.6 | 268 |
| 14.1 | 26 | 30.6 | 30.1 | 268 |
| 16.2 | 20 | 22.5 | 20.6 | 268 |
| 18.0 | 8 | 10.5 | 2.2 | 284 |
| 21.0 | 2 | 6.0 | 4.5 | 104 |
| | **LUCKNOW/ AMAUSI** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 37.4 | 29.0 | 280 |
| 12.0 | 27 | 38.8 | 35.5 | 270 |
| 14.1 | 24 | 34.0 | 30.4 | 263 |
| 16.2 | 15 | 29.8 | 25.3 | 260 |
| 18.0 | 6 | 14.7 | 12.3 | 295 |
| 21.0 | 1 | 18.0 | 18.0 | 314 |
| | 1130 hr. | | | |
| 10.5 | 17 | 37.1 | 35.9 | 273 |
| 12.0 | 8 | 43.4 | 36.9 | 261 |
| 14.1 | 6 | 43.8 | 43.7 | 261 |
| 16.2 | 3 | 37.7 | 37.5 | 257 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 34.7 | 31.5 | 279 |
| 12.0 | 29 | 41.6 | 39.5 | 268 |
| 14.1 | 26 | 29.4 | 28.5 | 261 |
| 16.2 | 21 | 19.7 | 18.3 | 264 |
| 18.0 | 7 | 10.4 | 6.1 | 288 |
| 21.0 | 2 | 5.5 | 4.5 | 306 |
| | **MADRAS/ MINAMBAKKAM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 7.4 | 6.5 | 108 |
| 12.0 | 29 | 9.1 | 7.3 | 114 |
| 14.1 | 29 | 12.3 | 11.1 | 105 |
| 16.2 | 15 | 14.0 | 13.2 | 098 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

October 1966 (Asvina 9 - Kartika 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **MADRAS/ MINAMBAKKAM (CONTD.)** | | | |
| | 0530 hr.* (Contd.) | | | |
| 18.0 | 9 | 9.1 | 6.7 | 081 |
| 21.0 | 1 | 4.0 | 4.0 | 191 |
| | 1130 hr. | | | |
| 10.5 | 1 | 6.0 | 6.0 | 063 |
| 12.0 | 1 | 6.0 | 6.0 | 046 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 7.8 | 6.0 | 107 |
| 12.0 | 30 | 8.7 | 7.5 | 113 |
| 14.1 | 21 | 13.9 | 12.6 | 122 |
| 16.2 | 12 | 13.9 | 13.0 | 105 |
| 18.0 | 7 | 10.6 | 8.9 | 118 |
| 21.0 | 1 | 15.0 | 15.0 | 095 |
| | **MANGALORE/ BAJPE** | | | |
| | 0530 hr. | | | |
| 10.5 | 2 | 4.5 | 4.0 | 101 |
| 12.0 | 1 | 4.0 | 4.0 | 070 |
| 14.1 | 1 | 7.0 | 7.0 | 110 |
| 16.2 | 1 | 8.0 | 8.0 | 155 |
| | 1730 hr. | | | |
| 10.5 | 6 | 6.0 | 4.9 | 110 |
| 12.0 | 6 | 7.3 | 5.9 | 130 |
| 14.1 | 5 | 11.0 | 10.5 | 130 |
| 16.2 | 5 | 11.2 | 9.4 | 110 |
| 18.0 | 5 | 12.0 | 7.1 | 115 |
| 21.0 | 3 | 12.0 | 7.8 | 080 |
| 24.0 | 1 | 23.0 | 23.0 | 090 |
| 27.0 | 1 | 10.0 | 10.0 | 150 |
| | **MINICOY** | | | |
| | 0530 hr. | | | |
| 10.5 | 4 | 14.3 | 14.0 | 090 |
| 12.0 | 2 | 15.5 | 15.5 | 093 |
| 14.1 | 1 | 19.0 | 19.0 | 085 |
| 16.2 | 1 | 27.0 | 27.0 | 095 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **MINICOY (CONTD.)** | | | |
| | 1730 hr.* | | | |
| 10.5 | 29 | 9.9 | 9.2 | 089 |
| 12.0 | 29 | 13.8 | 12.1 | 092 |
| 14.1 | 28 | 15.3 | 14.4 | 095 |
| 16.2 | 25 | 12.2 | 10.1 | 087 |
| 18.0 | 23 | 9.3 | 4.0 | 085 |
| 21.0 | 13 | 6.6 | 2.9 | 180 |
| 24.0 | 2 | 6.0 | 5.9 | 297 |
| | **NAGPUR/ SONEGAON** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 12.4 | 10.5 | 269 |
| 12.0 | 30 | 14.0 | 12.5 | 259 |
| 14.1 | 28 | 13.6 | 12.4 | 250 |
| 16.2 | 24 | 9.9 | 8.7 | 252 |
| 18.0 | 14 | 7.3 | 3.3 | 286 |
| 21.0 | 7 | 10.3 | 5.3 | 069 |
| 24.0 | 1 | 19.0 | 19.0 | 110 |
| | 1130 hr. | | | |
| 10.5 | 11 | 17.6 | 17.3 | 259 |
| 12.0 | 3 | 21.0 | 20.7 | 245 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 13.0 | 12.0 | 265 |
| 12.0 | 30 | 14.4 | 12.7 | 263 |
| 14.1 | 29 | 14.1 | 11.7 | 247 |
| 16.2 | 19 | 7.4 | 4.1 | 232 |
| 18.0 | 12 | 5.1 | 0.6 | 153 |
| 21.0 | 7 | 7.9 | 0.9 | 199 |
| 24.0 | 1 | 11.0 | 11.0 | 085 |
| | **NEW DELHI/ SAFDARJUNG** | | | |
| | 0530 hr.* | | | |
| 10.5 | 30 | 37.2 | 36.7 | 276 |
| 12.0 | 29 | 42.6 | 41.6 | 270 |
| 14.1 | 25 | 35.2 | 34.3 | 270 |
| 16.2 | 20 | 20.2 | 19.9 | 270 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **NEW DELHI/ SAFDARJUNG(CONTD.)** | | | |
| | 0530 hr.* (Contd.) | | | |
| 18.0 | 17 | 8.7 | 6.8 | 261 |
| 21.0 | 11 | 6.8 | 2.3 | 087 |
| 24.0 | 2 | 8.0 | 2.6 | 299 |
| | 1130 hr. | | | |
| 10.5 | 9 | 36.7 | 35.9 | 279 |
| 12.0 | 3 | 54.7 | 54.4 | 273 |
| 14.1 | 1 | 42.0 | 42.0 | 265 |
| | 1730 hr.* | | | |
| 10.5 | 30 | 37.8 | 36.8 | 277 |
| 12.0 | 29 | 41.9 | 41.0 | 273 |
| 14.1 | 28 | 37.0 | 36.2 | 270 |
| 16.2 | 19 | 20.8 | 20.5 | 267 |
| 18.0 | 16 | 9.0 | 8.1 | 264 |
| 21.0 | 11 | 9.5 | 1.1 | 103 |
| 24.0 | 8 | 7.5 | 5.2 | 076 |
| | **POONA** | | | |
| | 1730 hr. | | | |
| 10.5 | 4 | 8.0 | 6.8 | 265 |
| 12.0 | 3 | 9.3 | 7.9 | 178 |
| 14.1 | 1 | 9.0 | 9.0 | 156 |
| | **PORT BLAIR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 27 | 8.0 | 7.4 | 098 |
| 12.0 | 26 | 11.5 | 10.9 | 094 |
| 14.1 | 23 | 16.7 | 16.1 | 097 |
| 16.2 | 22 | 14.1 | 13.1 | 090 |
| 18.1 | 17 | 8.5 | 5.7 | 080 |
| 21.0 | 5 | 7.6 | 4.2 | 093 |
| 24.0 | 1 | 16.0 | 16.0 | 085 |
| | 1130 hr. | | | |
| 10.5 | 2 | 6.0 | 6.0 | 105 |
| 12.0 | 2 | 6.5 | 6.5 | 140 |
| 14.1 | 1 | 13.0 | 13.0 | 130 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **PORT BLAIR (CONTD.)** | | | |
| | 1130 hr. (Contd.) | | | |
| 16.2 | 1 | 22.0 | 22.0 | 090 |
| 18.0 | 1 | 9.0 | 9.0 | 055 |
| 21.0 | 1 | 3.0 | 3.0 | 209 |
| | 1730 hr.* | | | |
| 10.5 | 27 | 8.7 | 8.1 | 098 |
| 12.0 | 27 | 12.3 | 11.1 | 101 |
| 14.1 | 23 | 14.3 | 13.7 | 092 |
| 16.2 | 12 | 14.5 | 14.1 | 093 |
| 18.0 | 4 | 14.0 | 13.9 | 095 |
| 21.0 | 1 | 5.0 | 5.0 | 051 |
| | **RAIPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 14 | 13.4 | 11.8 | 266 |
| 12.0 | 10 | 13.9 | 12.9 | 258 |
| 14.1 | 1 | 9.0 | 9.0 | 235 |
| | 1730 hr. | | | |
| 10.5 | 10 | 12.5 | 11.6 | 277 |
| 12.0 | 3 | 18.7 | 18.4 | 273 |
| 14.1 | 2 | 21.0 | 20.9 | 269 |
| | **RAXAUL** | | | |
| | 0530 hr. | | | |
| 10.5 | 4 | 31.0 | 29.5 | 267 |
| 12.0 | 4 | 27.5 | 26.8 | 259 |
| 14.1 | 1 | 22.0 | 22.0 | 251 |
| | **SRINAGAR** | | | |
| | 0530 hr.* | | | |
| 10.5 | 26 | 26.9 | 25.6 | 280 |
| 12.0 | 24 | 32.2 | 31.7 | 280 |
| 14.1 | 20 | 33.0 | 32.3 | 275 |
| 16.2 | 15 | 24.9 | 24.0 | 275 |
| 18.0 | 5 | 14.4 | 14.0 | 285 |
| 21.0 | 1 | CALM | | |
| 24.0 | 1 | 11.0 | 11.0 | 267 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

October 1966 (Asvina 9 - Kartika 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **SRINAGAR (CONTD.)** | | | |
| | 1730 hr.* | | | |
| 10.5 | 27 | 26.8 | 25.7 | 278 |
| 12.0 | 27 | 32.5 | 31.7 | 278 |
| 14.1 | 26 | 26.9 | 26.0 | 278 |
| 16.2 | 13 | 26.4 | 24.5 | 274 |
| 18.0 | 1 | 5.0 | 5.0 | 266 |
| | **TIRUCHCHIRAPALLI** | | | |
| | 1730 hr. | | | |
| 10.5 | 1 | 12.0 | 12.0 | 090 |
| | **TRIVANDRUM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 31 | 9.0 | 8.1 | 089 |
| 12.0 | 30 | 12.6 | 11.3 | 089 |
| 14.1 | 27 | 17.8 | 16.3 | 088 |
| 16.2 | 16 | 11.0 | 8.8 | 088 |
| 18.0 | 11 | 7.5 | 4.1 | 112 |
| 21.0 | 3 | 12.3 | 9.6 | 246 |
| | 1730 hr.* | | | |
| 10.5 | 31 | 10.3 | 9.1 | 086 |
| 12.0 | 30 | 12.6 | 11.5 | 086 |
| 14.1 | 27 | 19.4 | 18.5 | 089 |
| 16.2 | 20 | 14.7 | 11.1 | 092 |
| 18.0 | 14 | 11.5 | 7.1 | 084 |
| 21.0 | 8 | 4.9 | 3.0 | 106 |
| 24.0 | 3 | 8.0 | 5.2 | 199 |
| | **UDAIPUR** | | | |
| | 0530 hr. | | | |
| 10.5 | 18 | 24.5 | 23.4 | 278 |
| 12.0 | 13 | 24.8 | 23.7 | 277 |
| 14.1 | 5 | 25.2 | 23.6 | 274 |
| 16.2 | 1 | 24.0 | 24.0 | 270 |
| | 1730 hr. | | | |
| 10.5 | 9 | 22.9 | 21.1 | 282 |
| 12.0 | 6 | 23.3 | 23.0 | 274 |
| 14.1 | 2 | 16.5 | 16.5 | 265 |
| 16.2 | 1 | 16.0 | 16.0 | 260 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **VENGURLA** | | | |
| | 1730 hr. | | | |
| 10.5 | 6 | 5.7 | 0.5 | 018 |
| 12.0 | 2 | 5.0 | 3.9 | 214 |
| | **VERAVAL** | | | |
| | 1730 hr. | | | |
| 10.5 | 9 | 12.8 | 11.6 | 286 |
| 12.0 | 3 | 10.0 | 9.3 | 241 |
| 14.1 | 1 | 13.0 | 13.0 | 220 |
| 16.2 | 1 | 1.0 | 1.0 | 360 |
| 18.0 | 1 | 3.0 | 3.0 | 180 |
| 21.0 | 1 | 5.0 | 5.0 | 071 |
| | **VIJAYWADA/ GANNAVARAM** | | | |
| | 0530 hr. | | | |
| 10.5 | 21 | 4.7 | 0.1 | 302 |
| 12.0 | 16 | 5.7 | 2.3 | 164 |
| 14.1 | 9 | 7.3 | 4.7 | 145 |
| 16.2 | 7 | 7.4 | 4.3 | 119 |
| 18.0 | 3 | 6.7 | 7 0 | 135 |
| 21.0 | 2 | 14.0 | 4.4 | 120 |
| | 1730 hr. | | | |
| 10.5 | 7 | 4.4 | 2.0 | 234 |
| 12.0 | 2 | 2.5 | 1.5 | 175 |
| | **VISHAKHAPATNAM** | | | |
| | 0530 hr.* | | | |
| 10.5 | 29 | 6.2 | 2.7 | 235 |
| 12.0 | 29 | 7.3 | 3.9 | 210 |
| 14.1 | 20 | 9.5 | 5.1 | 172 |
| 16.2 | 13 | 11.1 | 8.2 | 135 |
| 18.0 | 9 | 7.2 | 5.0 | 092 |
| | 1130 hr. | | | |
| 10.5 | 13 | 8.1 | 1.9 | 250 |
| 12.0 | 13 | 8.0 | 2.8 | 239 |
| 14.1 | 9 | 8.8 | 3.7 | 153 |
| 16.2 | 6 | 8.5 | 5.9 | 115 |
| 18.0 | 5 | 8.2 | 6.1 | 089 |
| 21.0 | 4 | 9.5 | 9.3 | 083 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | **VISHAKHAPATNAM (CONTD.)** | | | |
| | 1730 hr. * | | | |
| 10.5 | 30 | 7.1 | 2.2 | 244 |
| 12.0 | 30 | 7.2 | 3.4 | 236 |
| 14.1 | 23 | 7.1 | 3.5 | 176 |
| 16.2 | 10 | 5.9 | 2.8 | 099 |
| 18.0 | 3 | 4.0 | 3.3 | 089 |
| 21.0 | 1 | 4.0 | 4.0 | 090 |
| | 2330 hr. | | | |
| 10.5 | 1 | 10.0 | 10.0 | 135 |
| 12.0 | 1 | 3.0 | 3.0 | 045 |
| 14.1 | 1 | 7.0 | 7.0 | 075 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and humidity were made at 16 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 (Volume IX)

### LIST OF RADIOSONDE STATIONS IN INDIA

| Station | Type of Instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|
| Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947 |
| Ernakulam | Fan type | 1st Aug. 1966 | 00 and 12 | |
| Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| Lucknow | Clock type | 15th Aug. 1966 | 00 and 12 | |
| Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| Minicoy | Fan type | 12th May. 1963 | 12 | |
| Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| Visakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(A) FROM ASCENTS AT 00 HRS G.M.T.

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| TANDARD RESSURE URFACE MB | AHMADABAD SURFACE PR ( 1003 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 910 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BOMBAY/SANTACRUZ ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URFACE | 31 | 00055 | 296.0 | 302 | 292 | 288.3 | 31 | 00921 | 292.2 | 296 | 287 | 291.1 | 31 | 00013 | 297.9 | 301 | 294 | 294.6 |
| 1000 | 31 | 00082 | 296.0 | 302 | 294 | 286.3 | 31 | 00104 | | | | | 31 | 00079 | 298.9 | 301 | 295 | 294.2 |
| 900 | 31 | 01019 | 300.6 | 303 | 297 | 278.3 | 31 | 01013 | 292.2 | 294 | 289 | 288.2 | 31 | 01015 | 298.2 | 301 | 293 | 286.4 |
| 850 | 31 | 01521 | 296.3 | 300 | 292 | 276.2 | 31 | 01504 | 291.8 | 294 | 289 | 287.2 | 31 | 01515 | 295.5 | 297 | 292 | 283.5 |
| 800 | 31 | 02046 | 291.9 | 296 | 287 | 274.5 | 31 | 02022 | 289.7 | 293 | 287 | 284.5 | 31 | 02040 | 291.5 | 295 | 287 | 282.2 |
| 700 | 31 | 03172 | 281.9 | 287 | 278 | 268.3 | 31 | 03142 | 283.8 | 288 | 275 | 277.8 | 31 | 03163 | 282.9 | 287 | 278 | 277.5 |
| 600 | 31 | 04429 | 274.4 | 280 | 267 | 255.8 | 31 | 04433 | 277.3 | 281 | 273 | 271.7 | 31 | 04432 | 277.1 | 282 | 273 | 268.3 |
| 500 | 31 | 05889 | 267.1 | 271 | 263 | | 31 | 05882 | 269.5 | 273 | 265 | | 31 | 05898 | 270.9 | 275 | 267 | |
| 400 | 31 | 07638 | 256.6 | 261 | 251 | | 31 | 07611 | 259.2 | 266 | 255 | | 30 | 07633 | 259.6 | 263 | 255 | |
| 300 | 31 | 09697 | 241.8 | 248 | 236 | | 31 | 09744 | 244.9 | 250 | 239 | | 30 | 09761 | 244.3 | 249 | 240 | |
| 250 | 31 | 10960 | 232.4 | 239 | 225 | | 31 | 11001 | 236.3 | 242 | 231 | | 30 | 10044 | 235.4 | 241 | 230 | |
| 200 | 31 | 12451 | 221.0 | 229 | 213 | | 30 | 12535 | 222.5 | 232 | 219 | | 30 | 12548 | 224.4 | 232 | 219 | |
| 175 | 28 | 13317 | 214.6 | 223 | 206 | | 27 | 13392 | 217.4 | 227 | 210 | | 29 | 13411 | 218.3 | 225 | 212 | |
| 150 | 26 | 14277 | 208.3 | 218 | 199 | | 27 | 14368 | 209.5 | 226 | 202 | | 28 | 14384 | 211.6 | 219 | 204 | |
| 125 | 23 | 15384 | 201.4 | 212 | 193 | | 23 | 15466 | 206.0 | 215 | 197 | | 26 | 15509 | 203.9 | 213 | 195 | |
| 100 | 20 | 16703 | 199.0 | 204 | 193 | | 23 | 17131 | 202.9 | 211 | 194 | | 24 | 16822 | 201.6 | 207 | 193 | |
| 80 | 13 | 18052 | 205.7 | 211 | 200 | | 23 | 18167 | 207.1 | 219 | 197 | | 22 | 18157 | 205.9 | 218 | 196 | |
| 70 | 10 | 18918 | 209.7 | 215 | 203 | | 23 | 18998 | 210.3 | 224 | 200 | | 20 | 18939 | 209.3 | 222 | 198 | |
| 60 | 09 | 19867 | 212.3 | 218 | 204 | | 21 | 19929 | 212.5 | 223 | 203 | | 20 | 19893 | 213.7 | 227 | 201 | |
| 50 | 08 | 21022 | 216.4 | 223 | 212 | | 20 | 21033 | 216.8 | 225 | 204 | | 14 | 21023 | 216.1 | 231 | 208 | |
| 40 | 05 | 22438 | 221.4 | 225 | 216 | | 14 | 22447 | 220.9 | 229 | 205 | | 07 | 22429 | 217.0 | 224 | 209 | |
| 30 | | | | | | | 11 | 24341 | 223.9 | 233 | 207 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| TANDARD RESSURE URFACE MB | CALCUTTA/DUM DUM SURFACE PR ( 1009 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URFACE | 31 | 00006 | 296.3 | 299 | 293 | 295.4 | 30 | 00003 | 298.3 | 300 | 297 | 296.7 | 31 | 00049 | 294.3 | 297 | 291 | 293.3 |
| 1000 | 31 | 00089 | 296.4 | 300 | 293 | 295.1 | 29 | 00077 | 297.9 | 299 | 297 | 296.1 | 31 | 00103 | 294.4 | 297 | 291 | 293.0 |
| 900 | 31 | 01007 | 292.9 | 297 | 290 | 287.9 | 29 | 01001 | 293.8 | 295 | 291 | 290.8 | 31 | 01017 | 292.8 | 297 | 289 | 288.8 |
| 850 | 31 | 01499 | 290.0 | 294 | 286 | 284.8 | 29 | 01485 | 291.3 | 294 | 289 | 287.1 | 31 | 01508 | 290.4 | 294 | 286 | 285.0 |
| 800 | 31 | 02016 | 287.0 | 291 | 283 | 280.1 | 29 | 02013 | 288.8 | 292 | 285 | 284.7 | 31 | 02025 | 287.3 | 291 | 283 | 281.5 |
| 700 | 31 | 03133 | 280.9 | 285 | 275 | 273.5 | 29 | 03137 | 283.6 | 287 | 281 | 278.2 | 31 | 03139 | 280.8 | 284 | 277 | 274.1 |
| 600 | 31 | 04390 | 274.5 | 278 | 271 | 262.1 | 29 | 04407 | 276.6 | 281 | 273 | 271.1 | 31 | 04395 | 273.8 | 278 | 271 | 284.5 |
| 500 | 31 | 05838 | 266.7 | 271 | 261 | | 29 | 05863 | 269.0 | 273 | 265 | | 31 | 05841 | 266.7 | 270 | 263 | |
| 400 | 31 | 07536 | 256.4 | 263 | 252 | | 29 | 07595 | 258.9 | 263 | 255 | | 31 | 07557 | 257.3 | 261 | 253 | |
| 300 | 30 | 09659 | 243.0 | 249 | 239 | | 29 | 09722 | 244.4 | 249 | 239 | | 31 | 09672 | 244.2 | 251 | 235 | |
| 250 | 30 | 10935 | 233.7 | 240 | 229 | | 29 | 10972 | 234.8 | 239 | 229 | | 30 | 10951 | 235.6 | 243 | 226 | |
| 200 | 29 | 12432 | 223.2 | 229 | 217 | | 29 | 12499 | 222.8 | 231 | 217 | | 30 | 12461 | 225.5 | 235 | 216 | |
| 175 | 29 | 13300 | 216.6 | 223 | 211 | | 27 | 13340 | 216.4 | 222 | 211 | | 29 | 13320 | 220.1 | 229 | 210 | |
| 150 | 29 | 14260 | 210.5 | 220 | 205 | | 27 | 14321 | 209.5 | 217 | 203 | | 26 | 14351 | 214.0 | 223 | 204 | |
| 125 | 29 | 15362 | 203.4 | 209 | 194 | | 27 | 15404 | 203.2 | 210 | 197 | | 21 | 15431 | 207.9 | 215 | 200 | |
| 100 | 29 | 16681 | 197.8 | 205 | 189 | | 22 | 16736 | 200.2 | 211 | 194 | | 19 | 16769 | 203.6 | 209 | 198 | |
| 80 | 24 | 17989 | 201.1 | 211 | 195 | | 19 | 18059 | 205.8 | 216 | 195 | | 16 | 18102 | 204.1 | 213 | 199 | |
| 70 | 19 | 18794 | 206.1 | 215 | 198 | | 19 | 18882 | 209.3 | 218 | 196 | | 14 | 18917 | 206.4 | 217 | 199 | |
| 60 | 13 | 19723 | 208.8 | 213 | 204 | | 18 | 19827 | 214.2 | 222 | 204 | | 14 | 19839 | 209.8 | 219 | 202 | |
| 50 | 12 | 20844 | 214.3 | 218 | 210 | | 14 | 20979 | 215.9 | 224 | 208 | | 12 | 20000 | 214.8 | 223 | 208 | |
| 40 | 08 | 22232 | 218.1 | 222 | 213 | | 07 | 22331 | 217.3 | 227 | 212 | | 09 | 22414 | 218.1 | 228 | 214 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| TANDARD RESSURE URFACE MB | JODHPUR SURFACE PR ( 983 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 995 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URFACE | 31 | 00217 | 297.8 | 300 | 294 | 282.6 | 31 | 00127 | 295.2 | 301 | 291 | 290.8 | 31 | 00015 | 297.8 | 300 | 295 | 296.6 |
| 1000 | 31 | 00059 | | | | | 30 | 00090 | | | | | 31 | 00079 | 297.7 | 300 | 295 | 296.2 |
| 900 | 31 | 00985 | 299.3 | 304 | 296 | 273.9 | 30 | 01007 | 295.6 | 299 | 293 | 283.0 | 31 | 01000 | 294.3 | 297 | 292 | 289.7 |
| 850 | 31 | 01486 | 296.1 | 301 | 293 | 268.2 | 30 | 01505 | 293.3 | 297 | 289 | 279.0 | 31 | 01494 | 291.6 | 295 | 289 | 286.1 |
| 800 | 31 | 02009 | 291.5 | 298 | 286 | 269.3 | 30 | 02023 | 290.3 | 294 | 285 | 274.9 | 31 | 02013 | 288.9 | 293 | 286 | 282.4 |
| 700 | 31 | 03133 | 281.2 | 287 | 278 | 263.0 | 30 | 03166 | 281.7 | 286 | 277 | 265.3 | 31 | 03137 | 283.6 | 287 | 279 | 277.6 |
| 600 | 31 | 04389 | 272.8 | 276 | 267 | 252.0 | 30 | 04400 | 273.3 | 278 | 270 | 259.2 | 31 | 04407 | 277.4 | 281 | 273 | 263.3 |
| 500 | 31 | 05823 | 264.7 | 269 | 259 | | 30 | 05843 | 264.6 | 269 | 261 | | 31 | 05869 | 269.3 | 272 | 266 | |
| 400 | 31 | 07518 | 253.4 | 258 | 248 | | 30 | 07540 | 253.9 | 259 | 249 | | 31 | 07598 | 258.6 | 262 | 253 | |
| 300 | 31 | 09598 | 239.8 | 246 | 231 | | 30 | 09630 | 240.9 | 247 | 231 | | 30 | 09727 | 244.1 | 249 | 240 | |
| 250 | 31 | 10858 | 231.2 | 236 | 222 | | 30 | 10907 | 234.2 | 240 | 223 | | 29 | 11008 | 234.8 | 240 | 229 | |
| 200 | 31 | 12336 | 219.7 | 225 | 214 | | 30 | 12453 | 222.6 | 231 | 214 | | 29 | 12505 | 222.4 | 231 | 216 | |
| 175 | 29 | 13190 | 214.8 | 219 | 208 | | 30 | 13248 | 216.8 | 226 | 210 | | 29 | 13381 | 216.7 | 225 | 210 | |
| 150 | 24 | 14196 | 208.6 | 213 | 203 | | 30 | 14210 | 210.0 | 221 | 202 | | 29 | 14331 | 210.2 | 220 | 202 | |
| 125 | 21 | 15239 | 203.4 | 208 | 199 | | 30 | 15321 | 204.3 | 216 | 198 | | 24 | 15411 | 203.0 | 212 | 194 | |
| 100 | 17 | 16553 | 202.2 | 210 | 196 | | 27 | 16625 | 201.8 | 211 | 197 | | 18 | 16752 | 200.1 | 210 | 193 | |
| 80 | 10 | 17872 | 207.9 | 213 | 203 | | 22 | 17954 | 204.9 | 211 | 197 | | 14 | 18127 | 200.5 | 218 | 199 | |
| 70 | 08 | 18732 | 211.2 | 219 | 209 | | 19 | 18807 | 208.6 | 217 | 201 | | 12 | 18941 | 211.8 | 223 | 203 | |
| 60 | 08 | 19677 | 215.8 | 223 | 212 | | 13 | 19804 | 212.3 | 218 | 207 | | 09 | 19849 | 213.8 | 221 | 207 | |
| 50 | 07 | 20833 | 218.1 | 226 | 215 | | 08 | 20873 | 215.2 | 223 | 210 | | 06 | 20976 | 217.1 | 225 | 210 | |
| 40 | 07 | 22271 | 221.7 | 228 | 217 | | 07 | 22407 | 220.8 | 229 | 217 | | | | | | | |
| 30 | | | | | | | 05 | 24302 | 223.2 | 227 | 220 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NAGPUR/SONEGAON SURFACE PR ( 975 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 986 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | PORT BLAIR ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00311 | 294.2 | 299 | 288 | 288.5 | 31 | 00209 | 293.6 | 298 | 290 | 288.6 | 31 | 00079 | 297.9 | 302 | 296 | 296.7 |
| 1000 | 31 | 00094 | | | | | 31 | 00085 | | | | | 30 | 00082 | 298.1 | 301 | 296 | 296.6 |
| 900 | 31 | 01020 | 297.3 | 300 | 293 | 286.4 | 31 | 01004 | 296.6 | 300 | 294 | 279.9 | 30 | 01005 | 294.3 | 297 | 291 | 290.9 |
| 850 | 31 | 01514 | 294.2 | 297 | 291 | 283.0 | 31 | 01501 | 293.4 | 297 | 290 | 277.6 | 30 | 01498 | 291.6 | 294 | 287 | 287.6 |
| 800 | 31 | 02036 | 290.2 | 294 | 287 | 280.0 | 31 | 02021 | 289.6 | 293 | 286 | 274.8 | 30 | 02016 | 299.1 | 293 | 284 | 284.5 |
| 700 | 31 | 03161 | 282.2 | 287 | 278 | 273.8 | 31 | 03140 | 280.8 | 285 | 276 | 266.5 | 30 | 03145 | 283.7 | 287 | 280 | 278.5 |
| 600 | 31 | 04425 | 276.6 | 280 | 268 | 266.0 | 31 | 04390 | 271.4 | 275 | 266 | 256.5 | 30 | 04411 | 277.0 | 281 | 274 | 272.2 |
| 500 | 31 | 05883 | 268.7 | 273 | 263 | | 31 | 05817 | 262.4 | 267 | 258 | | 29 | 05874 | 268.8 | 272 | 266 | |
| 400 | 31 | 07607 | 258.2 | 262 | 253 | | 31 | 07496 | 251.4 | 256 | 246 | | 27 | 07650 | 259.3 | 264 | 255 | |
| 300 | 31 | 09722 | 243.6 | 249 | 236 | | 30 | 09564 | 237.9 | 244 | 231 | | 27 | 09734 | 244.9 | 251 | 240 | |
| 250 | 31 | 10972 | 241.6 | 240 | 227 | | 30 | 10811 | 231.2 | 237 | 223 | | 26 | 11016 | 235.7 | 242 | 232 | |
| 200 | 31 | 12506 | 222.2 | 229 | 215 | | 30 | 12297 | 222.5 | 228 | 217 | | 26 | 12520 | 223.4 | 231 | 218 | |
| 175 | 27 | 13332 | 215.9 | 221 | 209 | | 30 | 13157 | 217.5 | 225 | 211 | | 24 | 13381 | 217.4 | 224 | 212 | |
| 150 | 26 | 14309 | 209.7 | 216 | 204 | | 30 | 14126 | 211.8 | 219 | 205 | | 23 | 14262 | 210.7 | 218 | 204 | |
| 125 | 24 | 15389 | 203.4 | 209 | 195 | | 29 | 15244 | 206.6 | 213 | 201 | | 23 | 15476 | 203.6 | 209 | 196 | |
| 100 | 24 | 16738 | 200.5 | 213 | 195 | | 25 | 16586 | 204.2 | 210 | 198 | | 22 | 16786 | 199.6 | 212 | 191 | |
| 80 | 15 | 18070 | 205.5 | 219 | 193 | | 23 | 17946 | 207.0 | 212 | 197 | | 19 | 18136 | 205.7 | 216 | 194 | |
| 70 | 11 | 18869 | 206.7 | 215 | 196 | | 20 | 18775 | 210.6 | 217 | 204 | | 14 | 18949 | 209.4 | 218 | 196 | |
| 60 | 11 | 19803 | 211.2 | 217 | 203 | | 17 | 19718 | 213.9 | 219 | 208 | | 08 | 19887 | 210.2 | 218 | 205 | |
| 50 | 09 | 20915 | 213.6 | 220 | 207 | | 14 | 20886 | 216.6 | 221 | 211 | | 07 | 21019 | 215.4 | 222 | 211 | |
| 40 | | | | | | | 09 | 22282 | 219.6 | 225 | 215 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
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| STANDARD PRESSURE SURFACE MB | SRINAGAR SURFACE PR ( 844 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 1002 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | VISHAKAPATNAM ( 1006 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 28 | 01588 | 281.0 | 287 | 277 | 280.0 | 31 | 00064 | 297.4 | 299 | 296 | 295.9 | 31 | 00041 | 298.6 | 303 | 294 | 295.5 |
| 1000 | 28 | 00173 | | | | | 31 | 00079 | 297.3 | 298 | 296 | 295.9 | 30 | 00088 | 298.3 | 303 | 295 | 295.8 |
| 900 | 28 | 01036 | | | | | 31 | 01001 | 293.5 | 296 | 292 | 290.4 | 30 | 01011 | 294.1 | 298 | 290 | 287.4 |
| 850 | 28 | 01538 | | | | | 31 | 01494 | 291.2 | 295 | 289 | 288.1 | 30 | 01505 | 291.6 | 295 | 287 | 283.7 |
| 800 | 28 | 02038 | 279.3 | 285 | 275 | 276.0 | 31 | 02014 | 288.6 | 291 | 287 | 285.1 | 30 | 02024 | 289.0 | 293 | 286 | 280.1 |
| 700 | 28 | 03159 | 274.0 | 281 | 269 | 269.3 | 31 | 03139 | 283.2 | 285 | 279 | 279.1 | 30 | 03147 | 283.1 | 287 | 280 | 273.5 |
| 600 | 28 | 04350 | 267.2 | 273 | 261 | | 31 | 04410 | 276.8 | 279 | 271 | 272.2 | 30 | 04414 | 276.5 | 281 | 270 | 266.9 |
| 500 | 28 | 05751 | 257.2 | 263 | 250 | | 31 | 05874 | 269.2 | 277 | 265 | | 30 | 05873 | 268.8 | 273 | 262 | |
| 400 | 27 | 07399 | 245.5 | 250 | 237 | | 31 | 07600 | 258.1 | 261 | 253 | | 30 | 07830 | 257.8 | 263 | 251 | |
| 300 | 26 | 09406 | 230.3 | 240 | 223 | | 31 | 09719 | 243.7 | 249 | 239 | | 30 | 09718 | 243.9 | 249 | 235 | |
| 250 | 26 | 10615 | 223.1 | 231 | 213 | | 31 | 10997 | 234.3 | 239 | 229 | | 30 | 10996 | 234.5 | 242 | 227 | |
| 200 | 24 | 12066 | 218.2 | 225 | 210 | | 31 | 12489 | 221.8 | 231 | 217 | | 30 | 12493 | 222.6 | 231 | 219 | |
| 175 | 23 | 12915 | 216.7 | 223 | 209 | | 30 | 13332 | 214.9 | 225 | 209 | | 27 | 13338 | 216.3 | 225 | 212 | |
| 150 | 22 | 13896 | 214.9 | 220 | 208 | | 29 | 14302 | 208.9 | 219 | 199 | | 26 | 14308 | 209.7 | 221 | 204 | |
| 125 | 20 | 15050 | 213.6 | 221 | 209 | | 21 | 15381 | 201.8 | 212 | 194 | | 19 | 15363 | 203.2 | 208 | 195 | |
| 100 | 19 | 16457 | 213.2 | 221 | 207 | | 19 | 16713 | 200.8 | 209 | 191 | | 19 | 16707 | 199.7 | 205 | 192 | |
| 80 | 15 | 17817 | 212.5 | 217 | 210 | | 12 | 18008 | 205.4 | 217 | 191 | | 14 | 18029 | 204.6 | 212 | 198 | |
| 70 | 12 | 18649 | 213.3 | 216 | 210 | | 10 | 18814 | 207.9 | 213 | 194 | | 11 | 18840 | 207.4 | 217 | 199 | |
| 60 | 09 | 19595 | 214.8 | 217 | 211 | | 05 | 19754 | 212.4 | 219 | 211 | | 08 | 19784 | 212.1 | 220 | 204 | |
| 50 | 05 | 20722 | 217.6 | 220 | 214 | | 05 | 20898 | 216.2 | 227 | 207 | | 08 | 20901 | 217.6 | 225 | 210 | |
| 40 | | | | | | | | | | | | | 05 | 22368 | 221.8 | 227 | 214 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 1002 MB) | | | | | | BANGALORE ( 908 MB) | | | | | | BOMBAY/SANTACRUZ ( 1006 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00055 | 309.2 | 311 | 304 | 286.5 | 31 | 00921 | 297.4 | 300 | 293 | 290.7 | 31 | 00013 | 304.4 | 309 | 298 | 295.4 |
| 1000 | 30 | 00074 | 309.2 | 311 | 304 | 286.3 | 31 | 00075 | | | | | 31 | 00069 | 304.0 | 308 | 299 | 294.7 |
| 900 | 31 | 01023 | 302.5 | 306 | 299 | 280.3 | 31 | 01002 | 297.2 | 299 | 291 | 290.2 | 31 | 01006 | 299.0 | 302 | 296 | 287.6 |
| 850 | 31 | 01528 | 298.1 | 301 | 295 | 278.0 | 31 | 01499 | 293.9 | 297 | 289 | 288.1 | 31 | 01507 | 295.7 | 301 | 292 | 284.2 |
| 800 | 31 | 02056 | 293.3 | 296 | 290 | 276.0 | 31 | 02019 | 290.1 | 293 | 287 | 285.7 | 31 | 02032 | 291.7 | 294 | 289 | 281.8 |
| 700 | 31 | 03187 | 283.7 | 288 | 280 | 268.1 | 31 | 03146 | 284.1 | 287 | 281 | 278.8 | 31 | 03160 | 283.2 | 287 | 279 | 275.1 |
| 600 | 31 | 04458 | 276.2 | 280 | 270 | 255.0 | 31 | 04418 | 277.8 | 282 | 273 | 272.5 | 31 | 04428 | 276.8 | 282 | 273 | 266.6 |
| 500 | 31 | 05912 | 268.7 | 273 | 264 | | 31 | 05885 | 270.7 | 274 | 268 | 268.0 | 31 | 05891 | 270.5 | 277 | 265 | |
| 400 | 31 | 07637 | 258.1 | 263 | 252 | | 31 | 07624 | 260.4 | 263 | 257 | | 31 | 07628 | 259.4 | 267 | 255 | |
| 300 | 31 | 09753 | 242.7 | 248 | 236 | | 31 | 09783 | 245.8 | 253 | 241 | | 31 | 09756 | 244.5 | 252 | 239 | |
| 250 | 31 | 11026 | 233.6 | 241 | 225 | | 30 | 11055 | 236.3 | 246 | 231 | | 31 | 11043 | 235.7 | 244 | 230 | |
| 200 | 31 | 12518 | 222.1 | 229 | 214 | | 29 | 12556 | 224.2 | 231 | 218 | | 31 | 12546 | 224.1 | 233 | 217 | |
| 175 | 28 | 13370 | 215.1 | 224 | 205 | | 27 | 13417 | 218.4 | 225 | 213 | | 27 | 13393 | 216.9 | 225 | 207 | |
| 150 | 26 | 14331 | 207.9 | 216 | 197 | | 26 | 14397 | 211.7 | 220 | 206 | | 27 | 14358 | 209.8 | 218 | 199 | |
| 125 | 23 | 15449 | 202.7 | 209 | 192 | | 21 | 15473 | 205.1 | 213 | 197 | | 24 | 15447 | 202.6 | 212 | 193 | |
| 100 | 20 | 16748 | 200.4 | 206 | 193 | | 21 | 16718 | 199.8 | 209 | 194 | | 24 | 16755 | 198.5 | 205 | 190 | |
| 80 | 14 | 18090 | 206.2 | 215 | 199 | | 18 | 18164 | 203.6 | 212 | 198 | | 19 | 18077 | 204.1 | 214 | 197 | |
| 70 | 10 | 18795 | 210.7 | 221 | 201 | | 18 | 18919 | 207.1 | 218 | 198 | | 16 | 18889 | 208.3 | 219 | 199 | |
| 60 | 08 | 19891 | 215.1 | 224 | 206 | | 16 | 17416 | 210.6 | 221 | 205 | | 11 | 19828 | 214.2 | 221 | 204 | |
| 50 | 07 | 21075 | 219.0 | 229 | 213 | | 16 | 19741 | 214.7 | 226 | 205 | | 06 | 20947 | 216.0 | 223 | 210 | |
| 40 | 06 | 22477 | 221.5 | 227 | 219 | | 12 | 22382 | 216.7 | 225 | 210 | | 06 | 22366 | 219.0 | 228 | 212 | |
| 30 | | | | | | | 08 | 24251 | 221.0 | 227 | 214 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | CALCUTTA/DUM DUM SURFACE PR ( 1008 MB) | | | | | | ERNAKULAM ( 1007 MB) | | | | | | GAUHATI ( 1003 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00006 | 301.8 | 304 | 297 | 296.4 | 31 | 00003 | 301.1 | 303 | 299 | 297.6 | 31 | 00049 | 299.6 | 302 | 297 | 295.5 |
| 1000 | 31 | 00074 | 301.5 | 304 | 297 | 295.7 | 31 | 00066 | 300.7 | 303 | 299 | 297.0 | 30 | 00081 | 299.6 | 302 | 297 | 295.1 |
| 900 | 31 | 01003 | 295.2 | 297 | 292 | 290.1 | 31 | 00993 | 294.7 | 297 | 291 | 290.6 | 30 | 01005 | 294.5 | 299 | 292 | 289.2 |
| 850 | 31 | 01498 | 291.9 | 296 | 289 | 286.5 | 31 | 01488 | 292.2 | 294 | 289 | 288.9 | 30 | 01498 | 291.5 | 296 | 289 | 284.9 |
| 800 | 31 | 02017 | 288.9 | 292 | 285 | 280.7 | 31 | 02009 | 289.5 | 292 | 287 | 285.5 | 30 | 02016 | 288.6 | 292 | 286 | 281.4 |
| 700 | 31 | 03140 | 282.8 | 288 | 278 | 270.1 | 31 | 03134 | 283.4 | 287 | 280 | 279.1 | 30 | 03134 | 281.7 | 286 | 278 | 272.8 |
| 600 | 31 | 04407 | 276.5 | 280 | 272 | 259.9 | 31 | 04405 | 276.8 | 280 | 271 | 273.3 | 30 | 04393 | 274.4 | 278 | 271 | 260.1 |
| 500 | 30 | 05867 | 268.2 | 271 | 263 | | 31 | 05867 | 269.0 | 272 | 264 | | 30 | 05842 | 265.9 | 270 | 262 | |
| 400 | 30 | 07591 | 258.1 | 261 | 255 | | 31 | 07594 | 258.3 | 263 | 251 | | 30 | 07552 | 253.1 | 262 | 250 | |
| 300 | 30 | 09710 | 243.6 | 247 | 239 | | 30 | 09711 | 244.0 | 248 | 238 | | 30 | 09659 | 242.6 | 249 | 235 | |
| 250 | 30 | 10989 | 234.2 | 239 | 229 | | 30 | 10987 | 234.7 | 242 | 228 | | 30 | 10931 | 234.1 | 242 | 226 | |
| 200 | 30 | 12486 | 223.4 | 228 | 217 | | 30 | 12488 | 222.4 | 229 | 215 | | 29 | 12421 | 223.3 | 232 | 213 | |
| 175 | 30 | 13351 | 216.9 | 222 | 210 | | 28 | 13323 | 215.6 | 223 | 209 | | 26 | 13280 | 218.0 | 227 | 207 | |
| 150 | 30 | 14315 | 210.2 | 215 | 203 | | 28 | 14300 | 209.1 | 219 | 202 | | 22 | 14298 | 211.5 | 221 | 206 | |
| 125 | 30 | 15423 | 202.6 | 207 | 193 | | 27 | 15380 | 201.2 | 212 | 194 | | 21 | 15441 | 205.6 | 216 | 192 | |
| 100 | 30 | 16730 | 197.3 | 203 | 189 | | 23 | 16713 | 199.3 | 209 | 191 | | 17 | 16751 | 201.6 | 215 | 193 | |
| 80 | 20 | 18021 | 199.2 | 207 | 192 | | 21 | 18014 | 202.6 | 215 | 193 | | 11 | 18039 | 204.0 | 215 | 194 | |
| 70 | 15 | 18836 | 203.5 | 209 | 197 | | 21 | 18820 | 205.3 | 218 | 198 | | 09 | 18856 | 205.8 | 215 | 198 | |
| 60 | 12 | 19738 | 207.7 | 213 | 202 | | 19 | 19739 | 209.1 | 221 | 202 | | 06 | 19764 | 208.7 | 216 | 202 | |
| 50 | 10 | 20876 | 211.6 | 216 | 206 | | 17 | 20853 | 213.2 | 223 | 204 | | | | | | | |
| 40 | 08 | 22255 | 213.9 | 217 | 210 | | 13 | 22225 | 217.7 | 225 | 211 | | | | | | | |
| 30 | | | | | | | 06 | 23986 | 220.3 | 227 | 217 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 981 MB) | | | | | | LUCKNOW/A[illegible]SI ( 994 [illegible]B) | | | | | | MADRAS/MINAMBAKKAM ( 1006 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 31 | 00217 | 307.4 | 311 | 304 | 281.2 | 31 | 00127 | 303.6 | 306 | 299 | 290.6 | 31 | 00029 | 301.3 | 305 | 296 | 296.5 |
| 1000 | 31 | 00042 | | | | | 31 | 00074 | | | | | 31 | 00071 | 300.9 | 304 | 297 | 296.2 |
| 900 | 31 | 00987 | 302.5 | 307 | 299 | 272.8 | 31 | 01009 | 298.5 | 301 | 296 | 281.6 | 31 | 00995 | 294.9 | 298 | 291 | 289.7 |
| 850 | 31 | 01491 | 298.3 | 304 | 294 | 269.8 | 31 | 01507 | 295.5 | 299 | 292 | 280.9 | 31 | 01489 | 291.8 | 294 | 289 | 285.8 |
| 800 | 31 | 02021 | 294.0 | 300 | 289 | 269.9 | 31 | 02046 | 291.2 | 296 | 287 | 277.1 | 31 | 02008 | 289.0 | 292 | 285 | 282.2 |
| 700 | 31 | 03147 | 284.2 | 287 | 279 | 262.5 | 31 | 03153 | 283.2 | 289 | 277 | 269.6 | 31 | 03133 | 283.6 | 287 | 280 | 296.6 |
| 600 | 31 | 04408 | 273.7 | 278 | 269 | 248.8 | 31 | 04414 | 275.4 | 279 | 270 | 259.7 | 31 | 04403 | 277.2 | 281 | 273 | 272.1 |
| 500 | 31 | 05845 | 265.9 | 270 | 262 | | 31 | 05865 | 265.7 | 27[illegible] | 262 | | 31 | 05865 | 269.4 | 273 | 263 | |
| 400 | 31 | 07552 | 250.4 | 260 | 248 | | 31 | 07572 | 255.9 | 260 | 247 | | 31 | 07595 | 258.5 | 264 | 251 | |
| 300 | 31 | 09674 | 242.1 | 250 | 234 | | 31 | 09673 | 242.8 | 251 | 234 | | 31 | 09717 | 243.4 | 249 | 239 | |
| 250 | 31 | 10928 | 234.5 | 240 | 223 | | 31 | 10952 | 233.6 | 242 | 225 | | 31 | 10995 | 234.0 | 240 | 228 | |
| 200 | 31 | 12402 | 222.3 | 231 | 214 | | 30 | 12442 | 223.7 | 230 | 215 | | 31 | 12487 | 221.8 | 230 | 216 | |
| 175 | 29 | 13258 | 216.0 | 225 | 205 | | 29 | 13301 | 217.9 | 225 | 209 | | 27 | 13331 | 214.1 | 229 | 209 | |
| 150 | 28 | 14295 | 210.0 | 219 | 199 | | 29 | 14331 | 212.4 | 220 | 204 | | 24 | 14293 | 207.8 | 216 | 202 | |
| 125 | 27 | 15330 | 204.0 | 215 | 196 | | 29 | 15388 | 206.2 | 216 | 200 | | 18 | 15388 | 201.3 | 211 | 195 | |
| 100 | 23 | 16674 | 205.0 | 211 | 198 | | 29 | 16632 | 204.2 | 209 | 200 | | 14 | 16716 | 198.4 | 206 | 193 | |
| 80 | 16 | 18045 | 209.4 | 220 | 200 | | 23 | 18104 | 207.3 | 213 | 199 | | 12 | 18023 | 203.2 | 211 | 198 | |
| 70 | 15 | 18890 | 213.0 | 221 | 200 | | 22 | 18812 | 210.6 | 216 | 201 | | 08 | 18849 | 206.0 | 210 | 200 | |
| 60 | 12 | 19856 | 215.8 | 227 | 207 | | 20 | 19415 | 214.4 | 221 | 205 | | 06 | 19751 | 210.7 | 214 | 204 | |
| 50 | 11 | 21022 | 218.9 | 227 | 212 | | 18 | 21042 | 217.2 | 222 | 212 | | | | | | | |
| 40 | 08 | 22433 | 221.3 | 227 | 215 | | 13 | 22535 | 221.8 | 227 | 218 | | | | | | | |
| 30 | | | | | | | 10 | 24331 | 223.4 | 229 | 219 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
OCTOBER ,1966.(ASVINA 9 - KARTIKA 9,1888 SAKA)

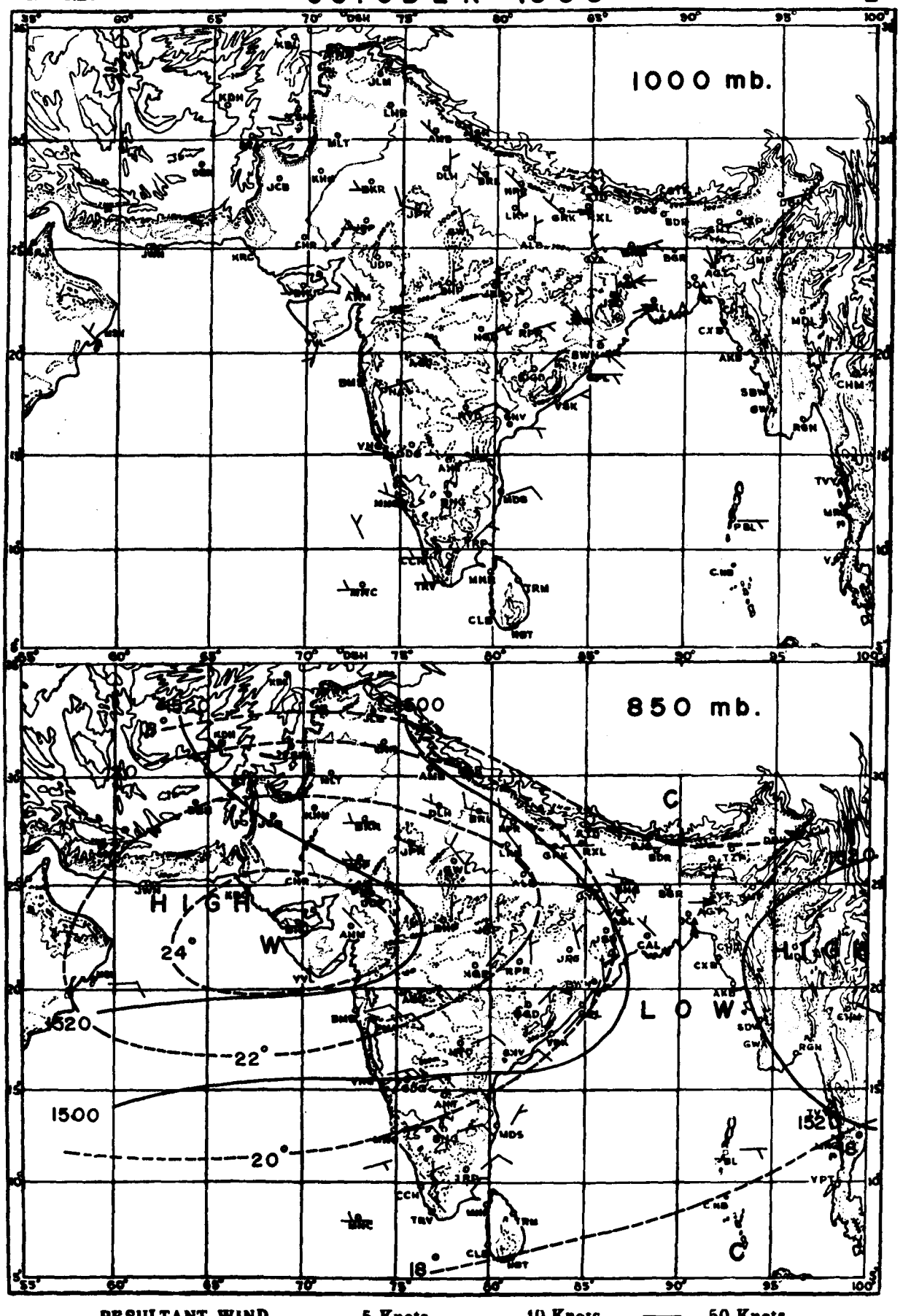
| STANDARD PRESSURE SURFACE MB | MINICOY SURFACE PR ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NAGPUR/SONEGAON ( 972 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NEW DELHI/SAFDARJUNG ( 985 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00002 | 301.0 | 302 | 298 | 297.0 | 31 | 00311 | 305.0 | 307 | 300 | 287.0 | 31 | 00209 | 302.9 | 307 | 298 | 290.1 |
| 1000 | 30 | 00073 | 300.3 | 301 | 297 | 296.2 | 31 | 00065 | | | | | 31 | 00071 | | | | |
| 900 | 30 | 00999 | 294.4 | 297 | 293 | 290.0 | 31 | 01012 | 299.8 | 302 | 298 | 285.5 | 31 | 01005 | 298.0 | 301 | 295 | 281.3 |
| 850 | 30 | 01494 | 292.0 | 295 | 291 | 286.6 | 31 | 01513 | 295.4 | 298 | 292 | 283.8 | 31 | 01502 | 294.1 | 297 | 291 | 277.4 |
| 800 | 30 | 02014 | 289.3 | 292 | 287 | 283.9 | 31 | 02037 | 290.9 | 294 | 287 | 282.0 | 31 | 02022 | 289.9 | 293 | 286 | 274.7 |
| 700 | 30 | 03140 | 283.9 | 286 | 281 | 277.5 | 31 | 03164 | 283.1 | 287 | 277 | 273.7 | 31 | 03141 | 281.1 | 285 | 277 | 265.7 |
| 600 | 30 | 04411 | 277.1 | 281 | 273 | 273.1 | 31 | 04436 | 277.8 | 280 | 273 | 266.3 | 31 | 04391 | 271.4 | 275 | 268 | 257.0 |
| 500 | 30 | 05872 | 269.0 | 275 | 266 | | 30 | 05867 | 270.5 | 273 | 265 | | 31 | 05821 | 262.9 | 266 | 260 | |
| 400 | 30 | 07600 | 258.5 | 266 | 254 | | 30 | 07615 | 258.7 | 263 | 254 | | 31 | 07505 | 251.3 | 257 | 248 | |
| 300 | 30 | 09718 | 243.3 | 249 | 237 | | 30 | 09736 | 243.4 | 249 | 238 | | 31 | 09567 | 238.1 | 242 | 231 | |
| 250 | 30 | 10993 | 233.7 | 241 | 225 | | 30 | 11000 | 234.6 | 240 | 227 | | 31 | 10822 | 230.9 | 236 | 224 | |
| 200 | 30 | 12486 | 221.2 | 229 | 211 | | 30 | 12509 | 223.1 | 229 | 215 | | 31 | 12304 | 222.1 | 227 | 214 | |
| 175 | 29 | 13324 | 214.4 | 224 | 202 | | 28 | 13352 | 216.6 | 223 | 208 | | 31 | 13164 | 217.1 | 221 | 212 | |
| 150 | 29 | 14293 | 208.5 | 220 | 196 | | 27 | 14325 | 210.2 | 217 | 201 | | 31 | 14132 | 211.8 | 216 | 208 | |
| 125 | 27 | 15376 | 202.0 | 213 | 189 | | 21 | 15404 | 204.1 | 211 | 194 | | 29 | 15250 | 206.7 | 212 | 202 | |
| 100 | 27 | 16705 | 199.4 | 208 | 192 | | 20 | 16754 | 200.9 | 207 | 192 | | 28 | 16586 | 204.0 | 211 | 200 | |
| 80 | 23 | 18026 | 204.2 | 214 | 193 | | 14 | 18120 | 206.0 | 212 | 197 | | 22 | 17926 | 206.5 | 214 | 202 | |
| 70 | 20 | 18835 | 208.9 | 220 | 201 | | 13 | 18963 | 211.2 | 217 | 204 | | 19 | 18764 | 208.8 | 218 | 202 | |
| 60 | 17 | 19804 | 212.6 | 222 | 204 | | 10 | 19844 | 211.8 | 219 | 207 | | 18 | 19680 | 212.8 | 223 | 207 | |
| 50 | 15 | 20928 | 215.9 | 222 | 208 | | 08 | 20943 | 216.6 | 222 | 213 | | 13 | 20853 | 216.2 | 227 | 210 | |
| 40 | 08 | 22382 | 219.7 | 227 | 215 | | | | | | | | 11 | 22275 | 218.1 | 224 | 211 | |
| 30 | | | | | | | | | | | | | 07 | 24176 | 222.0 | 224 | 220 | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 1000 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | SRINAGAR ( 843 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | TRIVANDRUM ( 1001 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00079 | 299.4 | 301 | 297 | 297.2 | 28 | 01588 | 288.9 | 298 | 282 | 283.9 | 31 | 00064 | 300.5 | 302 | 298 | 296.7 |
| 1000 | 31 | 00078 | 299.5 | 301 | 297 | 297.0 | 28 | 00117 | | | | | 31 | 00070 | 300.2 | 302 | 298 | 296.6 |
| 900 | 31 | 00999 | 294.6 | 297 | 291 | 291.5 | 28 | 01030 | | | | | 31 | 00998 | 294.3 | 297 | 291 | 291.2 |
| 850 | 31 | 01493 | 292.2 | 295 | 289 | 288.4 | 28 | 01517 | | | | | 31 | 01493 | 291.9 | 295 | 288 | 288.8 |
| 800 | 31 | 02013 | 289.7 | 293 | 287 | 285.0 | 28 | 02030 | 285.3 | 294 | 279 | 279.5 | 31 | 02012 | 289.5 | 293 | 285 | 286.2 |
| 700 | 31 | 03139 | 284.5 | 288 | 282 | 279.3 | 28 | 03133 | 277.4 | 286 | 271 | 271.1 | 31 | 03140 | 283.8 | 288 | 279 | 280.6 |
| 600 | 31 | 04411 | 277.6 | 282 | 275 | 272.7 | 27 | 04370 | 268.4 | 277 | 262 | 264.7 | 31 | 04413 | 277.5 | 285 | 271 | 274.3 |
| 500 | 31 | 05875 | 269.5 | 273 | 266 | | 27 | 05779 | 258.4 | 266 | 254 | | 31 | 05881 | 269.9 | 274 | 265 | |
| 400 | 31 | 07607 | 259.4 | 265 | 255 | | 27 | 07434 | 246.9 | 254 | 241 | | 31 | 07615 | 259.6 | 263 | 253 | |
| 300 | 28 | 09728 | 244.7 | 249 | 241 | | 27 | 09455 | 231.7 | 240 | 225 | | 31 | 09744 | 244.5 | 249 | 235 | |
| 250 | 27 | 11007 | 234.9 | 239 | 231 | | 27 | 10674 | 224.3 | 235 | 215 | | 31 | 11027 | 235.3 | 241 | 229 | |
| 200 | 27 | 12504 | 222.3 | 228 | 217 | | 27 | 12122 | 219.2 | 228 | 208 | | 31 | 12526 | 223.0 | 229 | 212 | |
| 175 | 25 | 13356 | 215.6 | 223 | 209 | | 26 | 12979 | 216.9 | 225 | 207 | | 27 | 13389 | 216.8 | 225 | 211 | |
| 150 | 24 | 14317 | 209.0 | 219 | 201 | | 26 | 13950 | 214.8 | 223 | 206 | | 26 | 14364 | 210.0 | 219 | 203 | |
| 125 | 18 | 15398 | 201.4 | 209 | 191 | | 23 | 15113 | 213.8 | 221 | 206 | | 23 | 15442 | 204.1 | 212 | 198 | |
| 100 | 14 | 16726 | 200.3 | 213 | 193 | | 20 | 16513 | 213.7 | 220 | 206 | | 23 | 16784 | 200.8 | 209 | 193 | |
| 80 | 07 | 18092 | 205.6 | 215 | 195 | | 15 | 17906 | 213.9 | 221 | 206 | | 18 | 18144 | 205.0 | 214 | 197 | |
| 70 | 05 | 18934 | 209.6 | 215 | 205 | | 12 | 18745 | 215.2 | 223 | 206 | | 18 | 18961 | 208.4 | 217 | 197 | |
| 60 | | | | | | | 08 | 19737 | 217.4 | 225 | 207 | | 17 | 19894 | 211.8 | 221 | 203 | |
| 50 | | | | | | | 05 | 20862 | 218.8 | 228 | 207 | | 14 | 21041 | 215.7 | 225 | 207 | |
| 40 | | | | | | | | | | | | | 07 | 22522 | 220.5 | 230 | 216 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | VISAKHAPATNAM SURFACE PR ( 1004 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ( 0 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 31 | 00041 | 301.9 | 303 | 298 | 296.3 | | | | | | | | | | | | |
| 1000 | 31 | 00076 | 301.2 | 303 | 297 | 295.7 | | | | | | | | | | | | |
| 900 | 31 | 01003 | 296.1 | 299 | 293 | 288.0 | | | | | | | | | | | | |
| 850 | 31 | 01503 | 292.8 | 296 | 289 | 284.9 | | | | | | | | | | | | |
| 800 | 31 | 02024 | 289.7 | 293 | 284 | 282.2 | | | | | | | | | | | | |
| 700 | 31 | 03149 | 283.6 | 287 | 279 | 275.2 | | | | | | | | | | | | |
| 600 | 30 | 04420 | 277.4 | 281 | 274 | 268.8 | | | | | | | | | | | | |
| 500 | 30 | 05885 | 269.7 | 275 | 265 | | | | | | | | | | | | | |
| 400 | 30 | 07617 | 259.0 | 264 | 255 | | | | | | | | | | | | | |
| 300 | 30 | 09738 | 244.0 | 249 | 240 | | | | | | | | | | | | | |
| 250 | 30 | 11017 | 234.9 | 240 | 229 | | | | | | | | | | | | | |
| 200 | 30 | 12516 | 223.2 | 231 | 219 | | | | | | | | | | | | | |
| 175 | 25 | 13359 | 217.4 | 223 | 215 | | | | | | | | | | | | | |
| 150 | 25 | 14342 | 211.2 | 218 | 206 | | | | | | | | | | | | | |
| 125 | 21 | 15438 | 205.0 | 209 | 199 | | | | | | | | | | | | | |
| 100 | 18 | 16777 | 199.1 | 204 | 193 | | | | | | | | | | | | | |
| 80 | 10 | 18124 | 202.8 | 210 | 197 | | | | | | | | | | | | | |
| 70 | 09 | 18949 | 205.8 | 213 | 199 | | | | | | | | | | | | | |
| 60 | 08 | 19854 | 207.9 | 213 | 203 | | | | | | | | | | | | | |
| 50 | 08 | 20937 | 212.0 | 217 | 208 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

# OCTOBER 1966



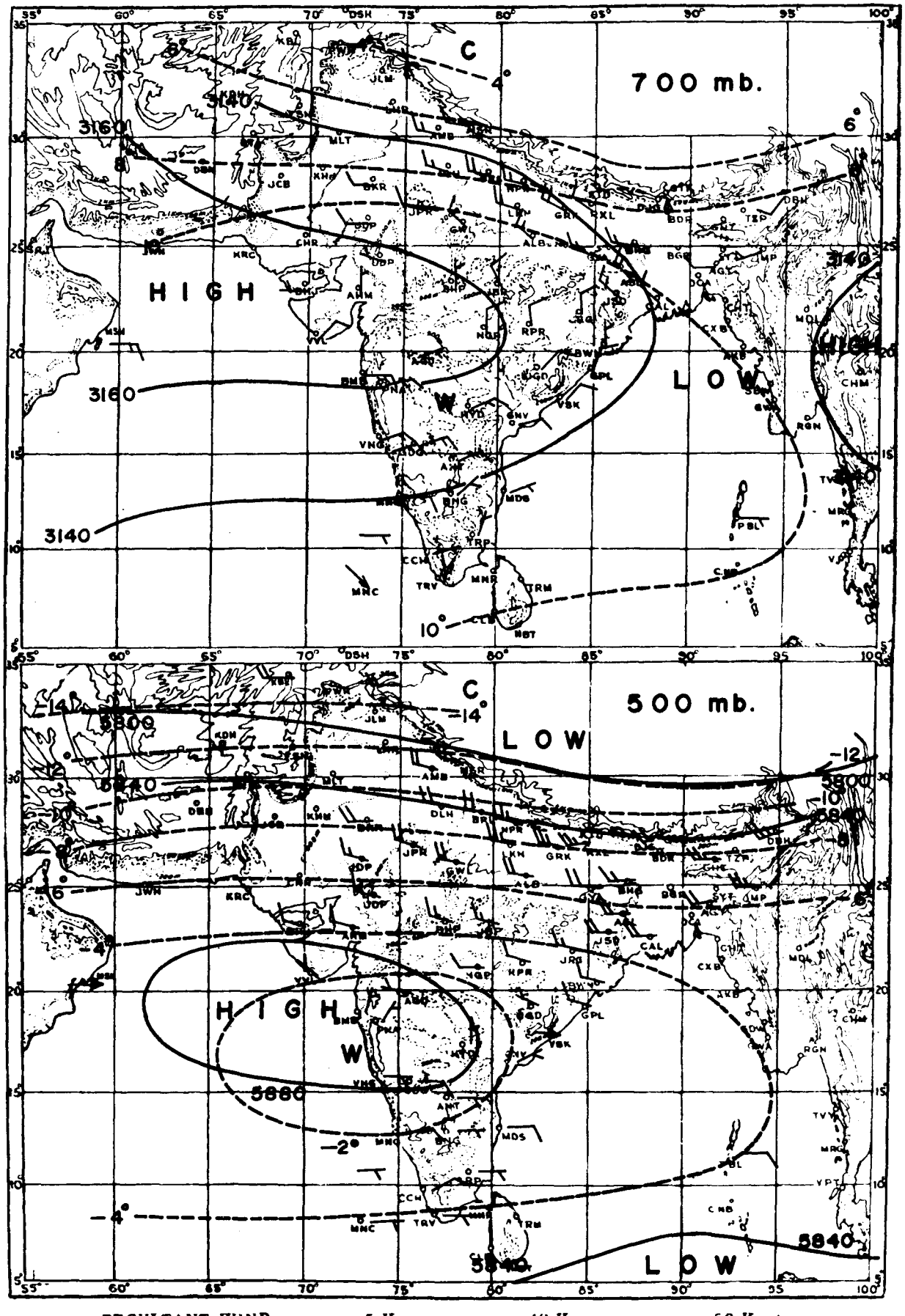



RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.

# OCTOBER 1966






RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.

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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1966

## MONTHLY WEATHER REPORT

## NOVEMBER - 1966

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# INDIA WEATHER REVIEW,1966

## Monthly Weather Report

## NOVEMBER

# MONTHLY WEATHER REPORT

## FOR

## NOVEMBER - 1966

## C O N T E N T S


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** ** **

## MEANINGS OF SYMBOLS AND ABBREVIATIONS IN TABLES II and III

| Symbol/Abbreviation | Meaning |
|---|---|
| (a) | Mean/total for 30 days. |
| (b) | Mean/total for 29 days. |
| (c) | Mean/total for 28 days. |
| (d) | Mean/total for 27 days. |
| (e) | Mean/total for 26 days. |
| (f) | Mean/total for 25 days. |
| (g) | Mean/total for 24 days. |
| (h) | Mean/total for 23 days. |
| (i) | Mean/total for 22 days. |
| (j) | Mean/total for 21 days. |
| (k) | Mean/total for 20 days. |
| (l) | Mean/total for 19 days. |
| (m) | Mean/total for 18 days. |
| (n) | Mean/total for 17 days. |
| (o) | Mean/total for 16 days. |
| (p) | Mean/total for 15 days. |
| (q) | Mean/total for 14 days. |
| * | Closed during winter months. |
| (R) | Register not received, hence data not available. |
| ≠ | Data for less than 15 days, hence no means published. |
| ds | Days. |
| ● | Data rejected. |
| D.N. | Data not available. |
| E | Estimated. |
| H | Provisional height. |

Published by authority of the Government of India

Chief features :-

i) Abnormal activity of cyclonic storms with a record number of four severe cyclonic storms developing in the Bay of Bengal;

ii) Sustained rainfall activity in the south Peninsula throughout the month;

iii) Two spells of rains in northeast India, Uttar Pradesh and the central parts of the country; and

iv) Feeble activity of western disturbances.

A low pressure area which had moved into the south Andman Sea on 31st October intensified into a depression by the morning of 1st November with centre near Lat. 9.0°N and Long. 94.5°E. Moving westwards,it further intensified into a cyclonic storm by the next morning centred near Lat. 9.5°N and Long. 88.0°E. Later, it moved rapidly in a northwesterly direction and, intensifying into a severe cyclonic storm with a core of hurricane winds by the 3rd morning, crossed the north Madras coast between Cuddalore and Madras the same afternoon. It soon weakened into a depression and took a westsouthwesterly course. Emerging into the Arabian Sea near Calicut by the morning of 5th, it moved westwards somewhat slowly and again intensified into a cyclonic storm by the morning of 7th with centre near Lat. 11°N and Long. 68°E. Thereafter it took a northwesterly course and further intensified into a severe cyclonic storm with a core of hurricane winds by 10th morning centred near Lat. 15.5°N and Long. 61.0°E. On approaching the Arabian Coast on 12th, the storm appears to have weakened off rapidly. Under its influence, heavy to very heavy rains occurred over the Bay Islands and the south Peninsula. Some of the noteworthy rainfalls recorded were: Nellore 22 cm., Cuddalore 15 cm., Madras 11 cm. and Vellore 10 cm. on 4th. Strong gales also lashed the north Madras coast on 3rd. According to press reports, the storm caused serious havoc in Madras city and in Chingleput and south Arcot districts. The Madras harbour suffered heavy loss. Three ships were grounded, one of them, S.S. Progress, splitting into two. In addition to the 26 members of the crew of the above ship, a few others on the mainland also lost their lives. Due to the heavy rains, low lying areas were inundated and communications were seriously interrupted.

Another low pressure area formed over the southeast Bay of Bengal on 7th. Moving westnorthwestwards, it intensified into a depression by the next morning with centre near Lat. 8°N and Long. 84°E. It further intensified into a cyclonic storm by 9th morning with centre near Lat. 8.5°N and Long. 82.0°E. Moving across extreme north Ceylon and the Palk Strait, it crossed the south Madras coast near Tondi during the night of 9th-10th and weakened into a depression. It emerged into the Arabian Sea near Mangalore and taking a northnorthwesterly course it again intensified into a severe cyclonic storm by the morning of 12th centred near Lat. 14.0°N and Long. 73.5°E. Thereafter,it moved northwards and crossed coast near Ratnagiri by the evening of 13th. Weakening into a depression, it moved later northeastwards and further weakened into a low pressure area by 15th. Maintaining the northeastward movement, it became unimportant over Bihar Plateau and neighbourhood by 18th. Under its influence, the rainfall increased over the south Peninsula with widespread heavy rains during the second week. The rainfall belt extended progressively to the north bringing good rainfall over central India and many parts of north India. Some of the noteworthy amounts of rainfall recorded were: Cuddalore 9 cm. on 9th, Alleppey 18 cm., Tuticorin and Vellore 16 cm. each, Madras 13 cm., Kodaikanal and Cuddalore 12 cm. each and Fort Cochin 10 cm. on 10th, Coonoor 20 cm. and Fort Cochin 15 cm. on

11th, Goa 12 cm. and Karwar and Panjim (Goa) 10 cm. each on 13th and Devgarh 23 cm., Kolhapur and Ratnagiri 20 cm. each, Jeur 12 cm. and Baramati and Coonoor 11 cm. each on 14th. According to press reports, the heavy rains in the Madras State caused breaches of tanks and flooding of low lying areas and seriously affected standing crops and harvesting operations. The cyclone also affected seriously north Kerala, Mysore and south Maharashtra coasts involving coastal shipping and a number of fishing crafts. Ratnagiri district suffered extensive damage due to falling trees and telegraph and telephone poles and destruction of plantations. Ratnagiri town was completely cut off following the cyclone havoc. The rainfall over the draught hit areas of north and central India were reported to be beneficial to the standing crops and eased the water scarcity considerably.

A fresh low pressure area moved from the east into the south Andaman sea on the 16th. It concentrated into a depression by the morning of 18th with centre near Lat. 9.5°N and Long. 87.0°E. Moving northwestwards it intensified into a cyclonic storm by 19th morning centred near Lat. 13°N and Long. 85°E. Later it moved northwards and further intensified into a severe cyclonic storm by the morning of 20th centred near Lat. 14.5°N and Long. 85.0°E. The storm took a northwesterly course from the evening of 21st and crossed coast near Calingapatam the same night. It rapidly weakened into a low pressure area by the evening of 22nd and persisted over southwest Orissa and adjoining Madhya Pradesh and Andhra Pradesh till 24th. Thereafter, it became unimportant. Under its influence, heavy rains occurred over coastal Andhra Pradesh and coastal Orissa. Vishakhapatnam recorded 21 cm. of rain, Balasore and Gopalpur 13 cm. each, Kalingapatam 10 cm. and Chandbali 9 cm. on 22nd. Fairly well distributed rainfall also occurred over the remaining parts of northeast India, while isolated showers occurred over east Madhya Pradesh and the remaining parts of the Peninsula.

The last cyclonic storm of the month originated as a low pressure area which moved from the east into the south Andaman Sea on 23rd. The low pressure area concentrated into a depression by the morning of 25th with centre near Lat. 10°N and Long. 95°E. Moving in a west to westnorthwesterly direction, it intensified into a cyclonic storm by 27th morning with centre near Lat. 11.5°N and Long. 85.5°E. Intensifying further into a severe cyclonic storm during the night of 27th-28th, it crossed coast near Madras on 28th morning. Later it weakened rapidly into a depression and moving across the Peninsula emerged into the Arabian Sea near Karwar on 30th morning. Under its influence, there was heavy rainfall in the Bay Islands and the Peninsula. Some of the noteworthy amounts of rainfall recorded were : Car Nicobar 31 cm. and Nancowry 22 cm. on 25th, Madras 11 cm. on 28th, Bangalore 9 cm. on 29th and Honavar 33 cm. and Karwar 14 cm. on 30th. According to press reports, two adults and a child were killed, one of the adults being blown off from the terrace of a building when the cyclonic storm hit Madras. Air and rail traffics were also affected.

While the activity of cyclonic storms in the south was abnormally high there was only feeble activity of western disturbances over northwest India leading to deficit precipitation there. An upper air cyclonic circulation developed over the Punjab and neighbourhood on 11th and persisted there till 4th. It caused light to moderate precipitation over the Western Himalayas. Another upper air cyclonic circulation persisted over northwest India during the period 17th to 20th. Simultaneously the Gujarat State was also affected by a fresh upper air cyclonic circulation. In association with these developments, isolated precipitation occurred over northwest India and adjoining areas.

Night temperatures remained above normal over the central parts of the country and most parts of the Peninsula, being appreciably to markedly so from 11th onwards. They were also above normal over Gujarat State from 6th to 27th and over Uttar Pradesh and northeast India during the second fortnight, being markedly so over northeast India during the last week. Night temperatures were below normal over northeast India from 4th to 11th and over northwest India during the last week.

The total rainfall for the month was in moderate excess in the Bay Islands, Gangetic West Bengal and Kerala, in slight excess in South Assam and Madras State, normal in Sub-Himalayan West Bengal, Bihar Plateau, East Rajasthan and the Arabian Sea Islands. It was in slight defect in Himachal Pradesh, in moderate defect in Telangana and in large defect in Punjab and West Rajasthan. There was large excess of rainfall in North Assam, Orissa, Bihar Plains, Uttar Pradesh, Madhya Pra-

desh, Konkan, Madhya Maharashtra, Vidarbha, Coastal Andhra Pradesh, Rayalaseema and Mysore. There was no rain in Jammu and Kashmir,Gujarat and Saurashtra and Kutch.

The mean maximum temperature was above normal in Gangetic West Bengal, Orissa, Bihar Plateau, Madhya Pradesh, Gujarat and Vidarbha. It was normal over the rest of the country except in coastal Mysore, where it was below normal.

The mean minimum temperature was above normal in Assam, Orissa, Bihar, East Uttar Pradesh, East Rajasthan, Madhya Pradesh, Gujarat Region, Konkan, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh, Telangana, Rayalaseema and Interior Mysore. It was normal over the rest of the country.

The Relative Humidity in the morning was above normal in Jammu and Kashmir, Madhya Maharashtra, Marathwada, Rayalaseema and Mysore, below normal in Saurashtra & Kutch and was normal over the remaining parts of the country.

The Relative Humidity in the evening was above normal in Orissa, West Madhya Pradesh, Madhya Maharashtra, Coastal Andhra Pradesh, Telangana, Rayalaseema and Mysore and below normal in the Arabian Sea Islands. It was normal in the remaining parts of the country.

The mean cloud amount in the morning was below normal in Punjab, Himachal Pradesh and Jammu and Kashmir. It was normal in the Bay Islands, West Rajasthan, Gujarat, Saurashtra & Kutch,Madras, Coastal Mysore, South Interior Mysore, Kerala and the Arabian Sea Islands and was above normal over the rest of the country.

The mean cloud amount in the evening was below normal in Punjab, Himachal Pradesh and Jammu and Kashmir. It was normal in the Bay Islands, West Rajasthan, Gujarat, Saurashtra and Kutch, Madras, South Interior Mysore, Kerala and the Arabian Sea Islands and was above normal over the rest of the country.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud amount for the 15 chief political divisions and the 32 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest rainfall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

Poona - 5.

the 28th February, 1967.

R. ANANTHAKRISHNAN,

for Director General of Observatories.

TABLE I - DIVISIONAL AND SUB-DIVISIONAL MEANS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| | Rainfall (millimetres) | Percentage of normal | Mean maximum temperature °C | Mean minimum temperature °C | Relative Humidity % 0830 hrs. IST. | Relative Humidity % 1730 hrs. IST. | Cloud 0830 hrs. IST. | Cloud 1730 hrs. IST. |
|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| DIVISION | | | | | | | | |
| 1.ASSAM(INCLUDING MANIPUR,TRIPURA) | 35.8 | 142 | 28.0 | 17.4 | 81 | 78 | 3.6 | 3.2 |
| | + 10.6 | | +0.5 | +1.4 | + 3 | - 0 | +0.9 | +1.0 |
| 2.WEST BENGAL . . . | 32.9 | 142 | 29.8 | 17.8 | 72 | 68 | 2.8 | 2.7 |
| | + 9.7 | | +1.1 | +0.8 | + 1 | + 2 | +1.2 | +0.8 |
| 3.ORISSA . . . . . | 69.8 | 201 | 30.4 | 18.8 | 75 | 65 | 4.3 | 4.3 |
| | + 35.1 | | +1.6 | +1.8 | + 4 | + 6 | +2.1 | +1.8 |
| 4.BIHAR . . . . . | 21.5 | 210 | 29.1 | 16.2 | 68 | 60 | 3.3 | 3.0 |
| | + 11.3 | | +0.9 | +1.7 | - 0 | + 2 | +2.0 | +1.7 |
| 5.UTTAR PRADESH . . | 17.3 | 319 | 28.9 | 12.9 | 65 | 53 | 1.9 | 2.1 |
| | + 11.9 | | +0.9 | +0.8 | - 3 | + 2 | +1.2 | +1.3 |
| 6.PUNJAB(INCLUDING H.P.AND DELHI) | 1.3 | 23 | 27.2 | 9.2 | 67 | 42 | 0.6 | 0.7 |
| | - 4.4 | | -0.1 | -0.6 | - 2 | - 3 | -0.7 | -0.5 |
| 7.JAMMU AND KASHMIR | 0.0 | 0 | 21.1 | 6.3 | 71 | 58 | 0.9 | 1.3 |
| | - 7.0 | | +0.3 | -0.4 | +12 | + 4 | -1.4 | -1.8 |
| 8.RAJASTHAN | 3.3 | 78 | 29.8 | 12.9 | 55 | 37 | 1.3 | 1.5 |
| | - 0.9 | | +0.3 | +1.1 | - 2 | + 0 | +0.4 | +0.3 |
| SUB-DIVISION | | | | | | | | |
| 1.BAY ISLANDS . | 351.7 | 145 | 29.7 | 23.2 | 82 | 85 | 5.3 | 5.4 |
| | +109.9 | | +0.2 | -0.7 | + 2 | - 1 | +0.2 | +0.1 |
| 2.NORTH ASSAM . (INCLUDING NEFA) | 30.3 | 168 | 28.2 | 17.2 | 82 | 78 | 3.6 | 3.1 |
| | + 12.3 | | +0.6 | +1.3 | + 3 | - 1 | +0.7 | +0.8 |
| 3.SOUTH ASSAM (INCLUDING N.LANDETC) | 49.2 | 115 | 27.7 | 17.7 | 80 | 76 | 3.7 | 3.4 |
| | + 6.4 | | +0.4 | +1.6 | + 2 | + 1 | +1.4 | +1.3 |
| 4.SUB-HIMALAYAN, WEST BENGAL. | 11.7 | 105 | 28.6 | 16.1 | 77 | 73 | 2.6 | 2.6 |
| | + 0.6 | | +0.6 | +0.7 | + 3 | + 0 | +1.2 | +0.9 |
| 5.GANGETIC,WEST-BENGAL. | 39.9 | 147 | 30.2 | 18.5 | 70 | 66 | 2.8 | 2.8 |
| | + 12.7 | | +1.2 | +0.9 | + 0 | + 3 | +1.1 | +0.8 |
| 6.ORISSA . | 69.8 | 201 | 30.4 | 18.8 | 75 | 65 | 4.3 | 4.3 |
| | + 35.1 | | +1.6 | +1.8 | + 4 | + 6 | +2.1 | +1.8 |
| 7.BIHAR PLATEAU. . | 16.7 | 104 | 29.1 | 16.7 | 64 | 56 | 3.3 | 3.2 |
| | + 0.7 | | +1.7 | +2.4 | - 0 | + 2 | +1.8 | +1.4 |
| 8.BIHAR PLAINS. . | 24.6 | 377 | 29.1 | 15.8 | 71 | 64 | 3.2 | 2.9 |
| | + 18.1 | | +0.3 | +1.1 | - 1 | + 2 | +2.2 | +1.9 |
| 9.UTTAR PRADESH, (EAST). | 21.9 | 397 | 29.7 | 14.1 | 67 | 55 | 2.3 | 2.6 |
| | + 16.4 | | +1.0 | +1.2 | - 2 | + 2 | +1.6 | +1.8 |
| 10.UTTAR PRADESH, (WEST). | 10.7 | 204 | 27.8 | 11.3 | 62 | 49 | 1.3 | 1.4 |
| | + 5.5 | | +0.8 | +0.2 | - 3 | + 3 | +0.6 | +0.5 |
| 11.PUNJAB(INCLUDING DELHI). | 0.2 | 4 | 27.4 | 9.6 | 63 | 39 | 0.6 | 0.7 |
| | - 5.0 | | -0.3 | -0.8 | - 1 | - 3 | -0.3 | -0.4 |
| 12.HIMACHAL PRADESH | 7.6 | 85 | 25.8 | 7.6 | 88 | 57 | 0.9 | 1.0 |
| | - 1.4 | | +1.0 | +0.2 | - 5 | + 1 | -2.8 | -1.0 |
| 13.JAMMU AND KASHMIR. | 0.0 | 0 | 21.1 | 6.3 | 71 | 58 | 0.9 | 1.3 |
| | - 7.0 | | +0.3 | -0.4 | +12 | + 4 | -1.4 | -1.8 |
| 14.RAJASTHAN(WEST). | 1.0 | 39 | 30.1 | 12.0 | 54 | 36 | 0.8 | 1.1 |
| | - 1.5 | | -0.1 | +0.0 | + 1 | + 2 | -0.1 | +0.1 |
| 15.RAJASTHAN(EAST). | 5.3 | 93 | 29.6 | 13.6 | 56 | 38 | 1.8 | 1.8 |
| | - 0.4 | | +0.5 | +2.0 | - 5 | - 1 | +0.9 | +0.6 |
| 16.MADHYA PRADESH (WEST). | 26.4 | 174 | 30.3 | 15.4 | 60 | 42 | 2.6 | 3.2 |
| | + 11.2 | | +1.2 | +2.8 | + 3 | + 6 | +1.2 | +1.6 |
| DIVISION-(CONTD.) | | | | | | | | |
| 9.MADHYA PRADESH . | 26.2 | 185 | 30.0 | 16.1 | 63 | 46 | 3.2 | 3.8 |
| | + 12.1 | | +1.2 | +3.2 | + 2 | + 6 | +1.7 | +2.0 |
| 10.GUJARAT STATE . . | 0.0 | 0 | 33.4 | 18.4 | 46 | 34 | 1.4 | 1.4 |
| | - 4.8 | | +1.0 | +1.3 | -10 | - 3 | +0.1 | +0.1 |
| 11.MAHARASHTRA STATE | 86.6 | 367 | 31.5 | 20.0 | 68 | 52 | 3.8 | 4.5 |
| | + 63.0 | | +0.7 | +2.6 | + 6 | + 5 | +1.5 | +1.8 |
| 12.ANDHRA PRADESH . | 171.6 | 236 | 30.0 | 21.7 | 78 | 67 | 5.3 | 5.4 |
| | + 98.8 | | +0.3 | +2.1 | + 5 | + 9 | +1.8 | +1.6 |
| 13.MADRAS STATE . . | 253.6 | 120 | 30.5 | 23.0 | 83 | 73 | 5.4 | 5.4 |
| | + 42.4 | | +0.9 | +0.6 | + 2 | + 2 | +0.2 | -0.1 |
| 14.MYSORE . . . . . | 170.6 | 319 | 28.5 | 19.8 | 81 | 64 | 5.0 | 5.4 |
| | +117.2 | | -0.5 | +1.2 | + 8 | +11 | +1.1 | +1.2 |
| 15.KERALA . . . . | 259.2 | 138 | 30.8 | 23.4 | 85 | 77 | 5.1 | 5.7 |
| | + 70.8 | | +0.1 | +0.2 | + 4 | + 3 | +0.3 | +0.1 |
| SUB-DIVISION (CONTD) | | | | | | | | |
| 17.MADHYA PRADESH . (EAST). | 25.8 | 204 | 29.5 | 16.9 | 67 | 52 | 4.2 | 4.7 |
| | + 13.2 | | +1.2 | +3.9 | - 0 | + 5 | +2.5 | +2.7 |
| 18.GUJARAT REGION . | 0.0 | 0 | 34.1 | 18.9 | 51 | 33 | 1.4 | 1.5 |
| | - 5.2 | | +1.2 | +2.7 | - 5 | - 2 | +0.1 | +0.2 |
| 19.SAURASHTRA KUTCH. (INCLUDING DIU) . | 0.0 | 0 | 33.0 | 18.0 | 42 | 35 | 1.4 | 1.4 |
| | - 4.6 | | +0.8 | +0.4 | -14 | - 4 | +0.1 | -0.0 |
| 20.KONKAN (INCLUDING GOA) . | 137.6 | 538 | 32.5 | 22.8 | 73 | 66 | 3.7 | 3.9 |
| | +112.0 | | +0.6 | +1.2 | + 5 | + 1 | +1.1 | +1.0 |
| 21.MADHYAMAHARASHTRA . | 99.5 | 355 | 31.2 | 18.7 | 69 | 48 | 3.6 | 4.3 |
| | + 71.4 | | +0.5 | +2.9 | + 8 | + 9 | +1.3 | +1.5 |
| 22.MARATHWADA. . | 44.9 | 170 | 30.9 | 17.8 | 64 | 44 | 4.2 | 4.9 |
| | + 18.5 | | +0.7 | +3.4 | + 9 | + 5 | +2.1 | +2.3 |
| 23.VIDARBHA. . | 39.4 | 256 | 30.9 | 19.5 | 65 | 46 | 4.0 | 5.0 |
| | + 24.0 | | +1.2 | +3.5 | + 3 | + 4 | +1.9 | +2.7 |
| 24.COASTAL ANDHRA PRADESH. . | 291.9 | 248 | 29.9 | 22.8 | 80 | 75 | 5.4 | 5.5 |
| | +174.0 | | +0.2 | +1.6 | + 5 | + 8 | +1.6 | +1.4 |
| 25.TELANGANA. . | 14.5 | 74 | 30.6 | 20.9 | 75 | 56 | 5.2 | 4.9 |
| | - 5.2 | | +0.7 | +3.2 | + 5 | + 8 | +2.2 | +1.7 |
| 26.RAYALASEEMA. . | 175.8 | 274 | 29.4 | 20.6 | 81 | 69 | 5.4 | 6.2 |
| | +111.7 | | -0.1 | +1.2 | + 7 | +12 | +1.3 | +1.7 |
| 27.MADRAS STATE. . | 253.6 | 120 | 30.5 | 23.0 | 83 | 73 | 5.4 | 5.4 |
| | + 42.4 | | +0.9 | +0.6 | + 2 | + 2 | +0.2 | -0.1 |
| 28.COASTAL MYSORE . | 321.2 | 499 | 30.5 | 22.6 | 83 | 77 | 4.3 | 5.1 |
| | +256.9 | | -1.3 | +0.5 | + 7 | + 9 | +0.5 | +0.9 |
| 29.INTERIOR MYSORE. (NORTH). . | 101.7 | 286 | 29.1 | 19.3 | 75 | 57 | 5.0 | 5.6 |
| | + 66.1 | | -0.1 | +1.7 | +12 | +14 | +2.0 | +1.9 |
| 30.INTERIOR MYSORE. (SOUTH). . | 147.1 | 240 | 27.2 | 18.8 | 84 | 64 | 5.3 | 5.4 |
| | + 85.7 | | -0.5 | +1.1 | + 6 | + 9 | +0.8 | +0.7 |
| 31.KERALA. . | 259.2 | 138 | 30.8 | 23.4 | 85 | 77 | 5.1 | 5.7 |
| | + 70.8 | | +0.1 | +0.2 | + 4 | + 3 | +0.3 | +0.1 |
| 32.ARABIANSEAISLANDS . | 109.7 | 96 | 30.4 | 24.5 | 78 | 71 | 5.0 | 5.0 |
| | - 4.8 | | +0.2 | +0.3 | - 1 | - 6 | +0.6 | -0.3 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 29.7 | +0.7 | 30.9 | 01 | 24.6 | +0.3 | 23.0 | 19 | 96.6 | 191.8 | + 18.5 | 45.6 | 17 | 9 | + 0.2 | 13.7 | 10.9 | +2.6 | 0 | 15 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Long Island | 29.8 | -0.5 | 30.9 | 01 | 21.9 | -1.9 | 20.4 | 12 | 213.0 | 306.6 | + 77.1 | 62.0 | 17 | 13 | + 2.9 | 5.6 | 4.4 | +2.7 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Port Blair | 30.2 | +1.0 | 31.8 | 01 | 23.0 | -0.6 | 21.2 | 25 | 133.0 | 378.3 | +127.6 | 77.4 | 01 | 14 | + 2.1 | 8.5 | 7.5 | -4.2 | 1 | 18 | 0 | 0 | 5 | 2 | 0 | 0 | 1 | 0 |
| Car Nicobar | 29.7 | -0.1 | 31.2 | 11 | 22.0 | -1.3 | 18.6 | 30 | 210.9 | 637.0 | +382.0 | 308.6 | 25 | 16 | + 2.0 | 4.9 | 3.3 | -0.3 | 0 | 19 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nancowry | 30.2 | 0.0 | 33.0 | 15 | 24.3 | +0.3 | 22.9 | 24 | 127.8 | 289.3 | + 13.3 | 66.4 | 24 | 14 | - 1.0 | 3.1 | 2.0 | -0.5 | 0 | 15 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Kondul | 28.7 | +0.3 | 30.6 | 09 | 23.1 | -0.8 | 21.6 | 18 | 107.4 | 307.0 | + 40.8 | 61.6 | 24 | 15 | - 0.9 | 4.4 | 2.8 | -1.2 | 1 | 21 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Passighat | 26.8 | -0.1 | 30.4 | 03 | 16.7 | +0.1 | 14.4 | 30 | 16.0 | 69.8 | + 48.4 | 26.2 | 16 | 5 | + 3.1 | 9.0 | 12.9 | +0.7 | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dibrugarh (Mohanbari) | 27.7 | +0.9 | 30.2 | 10 | 16.7 | +2.4 | 12.9 | 30 | 3.2 | 47.2 | + 26.0 | 30.5 | 27 | 3 | + 1.2 | 4.2 | 2.4 | +0.8 | 0 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Digboi | 27.7 | +0.8 | 30.3 | 02 | 17.7 | +1.8 | 15.1 | 30 | 2.9 | 12.6 | - 5.3 | 7.5 | 28 | 1 | - 0.9 | .. | .. | .. | 0 | 5 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| North Lakhimpur | 27.8 | +0.1 | 30.2 | 03 | 15.3 | +1.4 | 10.5 | 30 | 7.2 | 16.2 | - 11.8 | 12.5 | 28 | 2 | - 0.1 | 3.9 | 2.4 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sibsagar | 28.6 | +1.8 | 31.2 | 27 | .. | .. | .. | .. | 0.0 | 14.9 | - 18.1 | 14.0 | 28 | 1 | - 1.4 | 6.5 | 2.5 | +0.1 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Gohpur | 27.2 | -0.1 | 29.6 | 03 | 15.1 | +0.8 | 11.0 | 30 | 0.0 | 8.4 | - 6.2 | 8.2 | 28 | 1 | - 0.3 | 2.9 | 2.0 | .. | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Majbat | 28.3 | .. | 31.0 | 03 | 15.4 | .. | 9.0 | 29 | 3.4 | 12.6 | - 6.7 | 11.2 | 23 | 1 | - 0.7 | 4.1 | 2.3 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jorhat (Aerodrome) | 28.1 | .. | 34.4 | 04 | 17.4 | .. | 14.1 | 30 | 4.4 | 9.0 | .. | 5.6 | 23 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| Tangla | 29.8 | +1.4 | 31.5 | 04 | .. | .. | .. | .. | 14.2 | 14.2 | - 3.5 | 14.2 | 23 | 1 | 0.0 | 1.9 | 1.7 | +0.4 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Tezpur | 29.3 | +1.7 | 31.8 | 14 | 18.2 | +1.7 | 14.5 | 30 | 11.4 | 19.9 | - 1.9 | 14.4 | 23 | 2 | + 0.2 | 3.7 | 2.7 | +0.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Golaghat | 28.3 | +1.1 | 33.1 | 16 | 15.5 | +0.4 | 11.9 | 30 | 2.4 | 8.8 | - 13.8 | 7.8 | 23 | 1 | - 0.5 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kohima | 28.8 | +0.1 | 31.8 | 03 | 18.1 | +1.9 | 12.5 | 29 | 15.3 | 27.9 | + 14.8 | 19.7 | 23 | 2 | + 0.7 | 4.2 | 2.6 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaparmukh | 28.9 | +0.2 | 32.0 | 02 | 21.5 | +4.2 | 19.4 | 30 | 18.2 | 41.4 | + 24.8 | 37.2 | 23 | 2 | + 0.9 | 4.6[a] | 3.4[a] | .. | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Goalpara | 29.0 | -0.1 | 31.6 | 04ds | 17.2 | +0.7 | 11.4 | 30 | 56.4 | 68.6 | + 60.7 | 67.0 | 23 | 1 | + 0.1 | 4.1 | 1.6 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gauhati (Bhorjor) | 27.7 | +0.2 | 30.5 | 02 | 18.0 | +0.7 | 11.9 | 29 | 17.6 | 46.2 | + 36.3 | 38.5 | 23 | 2 | + 1.0 | 4.2 | 2.5 | .. | 3 | 2 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| Dhubri (Rupsi) | 28.4 | +0.3 | 31.7 | 03 | 16.4 | +0.8 | 10.0 | 28 | 15.4 | 27.4 | + 26.5 | 24.6 | 23 | 2 | + 1.9 | 5.6 | 4.3 | +1.9 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Dhubri | 27.3 | +1.0 | 29.9 | 07 | 18.0 | +0.2 | 13.6 | 29 | 13.6 | 30.4 | + 19.5 | 25.6 | 23 | 2 | + 1.2 | 9.9 | 7.0 | +2.5 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lumding | 27.9 | +0.8 | 30.8 | 02 | 16.7 | +1.3 | 14.4 | 08 | 6.8 | 49.4 | + 19.2 | 38.4 | 23 | 3 | + 1.2 | 2.2 | 1.4 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 26.9 | +0.4 | 29.7 | 02 | 17.7 | +1.4 | 14.0 | 30 | 12.0 | 50.4 | + 34.1 | 40.3 | 23 | 2 | + 0.5 | 3.4 | 4.4 | -0.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Haflong | 23.2 | -0.8 | 24.7 | 14 | 17.9 | +3.1 | 14.0 | 23 | 17.8 | 78.8 | - 47.1 | 35.2 | 24 | 4 | + 2.4 | 0.0 | 0.0 | .. | 0 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Silchar (Kumbhirgram) | 29.5 | +0.4 | 32.4 | 02 | 18.5 | +2.4 | 16.0 | 12 | 15.0 | 41.4 | + 25.5 | 23.3 | 24 | 3 | + 1.7 | 4.5 | 6.4 | 0.0 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Silchar | 29.2 | 0.0 | 32.7 | 02 | 16.9 | -0.7 | 13.5 | 30 | 20.8 | 29.8 | - 13.6 | 22.6 | 23 | 2 | - 0.1 | 1.7 | 0.9 | -0.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Imphal (Tulihal) | 26.1 | +1.3 | 28.2 | 01 | .. | .. | .. | .. | 0.4 | 17.1 | - 11.0 | 8.2 | 24 | 2 | + 0.5 | 4.6 | 2.5 | -0.8 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Kailashahar | 29.7 | +0.8 | 32.2 | 02 | 17.9 | +2.2 | 12.9 | 30 | 15.6 | 19.4 | - 2.0 | 12.2 | 23 | 2 | + 1.4 | 3.3 | 1.7 | +0.2 | 0 | 3 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 |
| Agartala | 29.1 | +0.4 | 30.7 | 02 | 17.3 | +1.3 | 12.5 | 30 | 73.7 | 107.4 | + 58.7 | 64.5 | 24 | 2 | + 0.3 | 5.9 | 2.6 | -0.5 | 0 | 4 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| **SUB-HIMALAYAN WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 29.4 | +0.9 | 32.4 | 02 | 14.1 | 0.0 | 10.0 | 29 | 2.5 | 3.3 | - 2.7 | 2.7 | 16 | 1 | + 0.6 | 6.3 | 5.7 | +2.9 | 1 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jalpaiguri | 28.2 | +0.5 | 31.6 | 03 | 17.0 | +0.8 | 11.9 | 28 | 3.0 | 3.1 | - 11.1 | 1.8 | 18 | 0 | - 0.8 | 4.3 | 3.4 | +0.2 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Cooch Behar | 28.0 | -0.3 | 30.6 | 01 | 15.7 | +0.2 | 9.9 | 28 | 3.6 | 5.8 | - 4.4 | 4.4 | 23 | 1 | + 0.3 | 3.6 | 1.6 | -0.4 | 0 | 3 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Balurghat | 28.9 | .. | 31.4 | 03 | 17.1 | .. | 11.2 | 30 | 3.6 | 44.0 | .. | 22.2 | 22 | 2 | .. | 2.2 | 2.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malda | 28.8 | +1.2 | 30.8 | 11 | 17.6 | +1.9 | 12.3 | 29 | 6.2 | 34.6 | + 20.6 | 21.2 | 22 | 2 | + 1.2 | 2.2 | 1.2 | -2.6 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| **GANGETIC WEST BENGAL** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 30.6 | +1.2 | 34.5 | 10 | 18.1 | +0.7 | 13.8 | 30 | 12.0 | 45.0 | + 27.2 | 32.0 | 23 | 2 | + 1.1 | 1.0 | 0.6 | -0.7 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Suri | 29.3 | +1.0 | 32.1 | 01 | 17.6 | +0.8 | 13.6 | 30 | .. | 23.2 | + 0.1 | 17.0 | 22 | 2 | + 1.5 | . | 4.1[b] | -1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Asansol | 31.0 | +2.0 | 33.8 | 02 | 16.8 | +0.7 | 12.6 | 12 | 2.6 | 24.3 | + 7.8 | 12.7 | 23 | 2 | + 0.9 | 6.6 | 3.9 | -0.9 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Shanti Niketan | 29.4 | .. | 32.0 | 11 | 17.9 | .. | 13.8 | 30 | 5.8 | 24.5 | .. | 17.2 | 22 | 2 | .. | 4.2 | 2.8 | .. | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Krishnanagar | 31.0 | +0.8 | 33.3 | 01 | 16.5 | -0.2 | 11.9 | 30 | 2.4 | 13.5 | - 12.4 | 7.3 | 22 | 2 | + 0.8 | 0.3 | 0.2 | -1.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purulia | 30.0 | +1.9 | 33.1 | 01 | 18.1 | +1.5 | 14.9 | 29 | 5.9 | 20.3 | + 1.3 | 9.4 | 24 | 3 | + 1.9 | 5.2 | 3.6 | +0.5 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bankura | 31.1 | .. | 34.0 | 01 | 17.6 | .. | 13.9 | 11 | 11.6 | 32.8 | + 15.3 | 17.2 | 23 | 2 | + 0.9 | 2.2 | 1.6 | .. | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Burdwan | 30.4 | +1.7 | 33.1 | 11 | 19.3 | +1.5 | 15.7 | 30 | 0.4 | 23.8 | - 1.3 | 15.4 | 22 | 2 | + 0.9 | 5.9 | 3.8 | +0.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Calcutta (Dum Dum) | 29.9 | +0.9 | 32.0 | 15 | 19.5 | +1.9 | 15.4 | 09 | 4.4 | 24.6 | - 4.0 | 21.6 | 22 | 2 | + 0.9 | 4.8 | 2.8 | -1.1 | 0 | 2 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 0 |
| Calcutta | 30.5 | +1.0 | 32.8 | 04 | 18.2 | -0.2 | 14.6 | 30 | 6.9 | 34.5 | + 7.3 | 29.7 | 22 | 2 | + 0.7 | 5.2 | 3.3 | +0.7 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Midnapore | 29.8 | +0.8 | 32.2 | 15 | 17.5 | +0.5 | 13.9 | 10 | 11.6 | 42.4 | + 10.9 | 18.6 | 22 | 3 | + 1.6 | 4.0 | 2.9 | +0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Contai | 30.5 | +1.3 | 32.4 | 15 | 19.5 | +0.7 | 15.6 | 10 | 51.0 | 106.0 | + 46.0 | 57.0 | 22 | 2 | - 0.2 | 4.6 | 3.6 | +0.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar Island | 29.0 | +1.1 | 30.4 | 04ds | 22.0 | +1.7 | 19.7 | 28 | 27.1 | 88.7 | + 53.9 | 51.8 | 22 | 4 | + 2.4 | 11.8 | 9.0 | -2.1 | 1 | 4 | 0 | 0 | 1 | 4 | 0 | 0 | 0 | 0 |
| Sandheads | 30.7 | .. | 33.7 | 10 | 24.2 | .. | 21.1 | 04 | 28.8 | 100.9 | + 47.3 | 42.0 | 22 | 3 | + 1.0 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **ORISSA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 30.6 | +1.0 | 33.4 | 15 | 18.5 | +2.5 | 17.0 | 28 | 5.2 | 65.0 | + 49.7 | 59.8 | 22 | 2 | + 1.2 | 2.8 | 1.5 | 0.0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jharsuguda | 31.2 | +2.1 | 33.5 | 02 | 19.3 | +4.2 | 15.9 | 10 | 0.5 | 1.1 | - 5.4 | 0.7 | 23 | 0 | - 0.7 | 8.2 | 6.6 | +0.7 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Keonjhargarh | 28.4 | +1.6 | 30.4 | 14 | 10.9 | -4.3 | 8.2 | 09 | 10.4 | 37.8 | + 30.7 | 30.4 | 22 | 2 | + 1.2 | 4.4 | 3.2 | +0.1 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balasore (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sambalpur | 31.9 | +2.6 | 36.1 | 27 | 17.1 | +1.3 | 13.8 | 28 | 4.4 | 4.4 | - 8.3 | 4.4 | 23 | 1 | + 0.1 | 2.4[b] | 2.2[b] | -0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ORISSA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Angul | 30.6 | +1.9 | 32.7 | 12 | 19.6 | +2.0 | 16.4 | 11 | 7.2 | 44.8 | + 15.1 | 34.0 | 22 | 2 | + 0.4 | 6.3 | 4.9 | -0.3 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chandbali | 30.3 | +1.5 | 33.1 | 09 | 20.3 | +1.9 | 17.0 | 10 | 32.8 | 133.4 | + 68.1 | 92.4 | 22 | 3 | + 1.0 | 5.5 | 3.5 | -1.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bolangir | 31.3 | +2.0 | 34.3 | 16 | 18.0 | +2.1 | 14.8 | 15 | 1.8 | 17.8 | + 14.1 | 15.2 | 22 | 1 | + 0.2 | 4.3 | 4.1 | +0.2 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Phulbani | 28.9 | .. | 31.3 | 03 | 16.7 | .. | 11.7 | 11 | 7.3 | 47.2 | .. | 35.8 | 22 | 3 | .. | 3.8 | 1.6 | .. | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Cuttack | 31.7 | +1.6 | 34.1 | 09 | 21.9 | +3.1 | 19.8 | 11 | 32.5 | 85.4 | + 40.2 | 57.7 | 22 | 3 | + 1.4 | 3.0 | 2.0 | -1.3 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Titlagarh | 31.4 | +2.2 | 33.3 | 15 | 20.6 | +4.4 | 17.3 | 10 | 37.6 | 48.3 | + 40.8 | 36.2 | 17 | 3 | + 2.3 | 4.5 | 3.7[c] | +1.6 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhubaneswar | 30.8 | +1.4 | 32.7 | 11 | 20.5 | +2.5 | 18.1 | 11 | 68.0 | 103.3 | + 52.8 | 66.4 | 22 | 3 | + 1.4 | 11.3 | 7.8 | +0.5 | 0 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Puri | 30.1 | +0.8 | 32.4 | 02 | 21.9 | +1.1 | 19.3 | 21 | 59.6 | 126.4 | + 45.6 | 69.2 | 22 | 3 | + 0.6 | 12.3 | 9.8 | -0.4 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gopalpur | 29.8 | +0.5 | 32.3 | 01 | 20.5 | +1.0 | 18.3 | 10 | 71.3 | 177.0 | + 75.9 | 106.2 | 22 | 6 | + 3.3 | 11.3 | 9.2 | -1.2 | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 |
| Koraput | 26.9 | +1.5 | 29.2 | 16 | 15.9 | +2.2 | 10.0 | 25 | 51.5 | 62.9 | + 37.3 | 42.2 | 22 | 3 | + 1.2 | .. | .. | .. | 1 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BIHAR PLATEAU | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 30.2 | +1.5 | 33.5 | 01 | 16.7 | +1.6 | 12.2 | 29 | 9.4 | 34.8 | + 19.3 | 21.0 | 22 | 3 | + 2.1 | 4.8 | 2.9 | +0.6 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Daltonganj | 30.2 | +2.1 | 33.8 | 01 | 16.9 | +4.1 | 11.0 | 06 | 0.0 | 6.4 | - 7.8 | 6.4 | 23 | 1 | + 0.2 | 2.2 | 1.5 | -1.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hazaribagh | 27.1 | +1.5 | 31.0 | 01 | 14.5 | +1.8 | 10.8 | 11 | 3.1 | 16.1 | - 1.9 | 5.2 | 17 | 3 | + 1.9 | 10.0 | 7.4 | +1.8 | 0 | 5 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Dhanbad | 29.7 | +1.9 | 32.8 | 01 | 18.2 | +2.6 | 15.0 | 30 | 0.0 | 12.2 | - 2.9 | 8.2 | 22 | 2 | + 1.5 | 5.5 | 4.2 | -2.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Ranchi | 27.3 | +1.6 | 31.7 | 02 | 16.0 | +3.0 | 12.3 | 06 | 11.0 | 18.0 | - 2.3 | 11.0 | 22 | 2 | + 0.7 | 4.3 | 4.2 | +1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ranchi Aerodrome | 26.9 | +1.6 | 30.1 | 01 | 16.1 | +2.6 | 13.8 | 29 | 12.5 | 16.5 | + 12.5 | 12.8 | 22 | 2 | + 1.5 | 10.4 | 8.3 | +0.9 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jamshedpur | 30.8 | +1.7 | 33.4 | 01 | 16.9 | +1.4 | 12.2 | 11 | 5.6 | 13.3 | - 6.2 | 12.7 | 22 | 1 | - 0.2 | 5.2 | 4.3 | +1.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamshedpur (P.B.O.) | 29.9 | +1.6 | 32.1 | 01 | 17.9 | +2.7 | 13.5 | 07 | 7.2 | 14.4 | - 1.6 | 13.8 | 22 | 1 | + 0.5 | 3.6[b] | 2.4 | -1.0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chaibasa | 30.0 | +1.5 | 32.2 | 09 | 17.5 | +2.1 | 13.3 | 12 | 14.8 | 19.0 | - 2.8 | 11.2 | 24 | 2 | + 0.7 | 2.2 | 1.5 | -0.7 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| BIHAR PLAINS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 28.3 | +0.3 | 31.4 | 02 | 14.4 | +0.6 | 8.3 | 28 | 2.0 | 7.4 | + 5.6 | 5.0 | 16 | 1 | + 0.7 | 3.8[b] | 2.1 | +0.4 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Forbesganj | 27.1 | -2.9 | 30.8 | 02 | 15.8 | +2.0 | 9.3 | 29 | 5.6 | 8.9 | + 5.4 | 6.4 | 17 | 1 | + 0.9 | 5.1 | 3.1 | +0.6 | 0 | 4 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Darbhanga | 29.5 | +0.8 | 32.1 | 03 | 16.3 | +1.1 | 11.4 | 30 | 4.6 | 58.8 | + 50.9 | 27.6 | 17 | 3 | + 2.5 | 1.7 | 1.3 | +0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Muzaffarpur | 28.4 | .. | 31.8 | 03 | 15.2 | .. | 9.9 | 29 | 9.4 | 78.6 | + 71.5 | 45.0 | 17 | 3 | + 2.5 | .. | .. | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chapra | 29.6 | .. | 34.2 | 02 | 17.3 | .. | 12.4 | 29 | 5.4 | 30.6 | + 24.5 | 16.0 | 16 | 2 | + 1.5 | 3.5 | 2.7 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Purnea | 28.1 | -0.7 | 30.9 | 03 | 15.0 | +0.6 | 9.5 | 28 | 0.0 | 22.6 | + 12.4 | 13.4 | 17 | 2 | + 1.4 | 2.8 | 1.6 | -0.3 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Patna | 29.7 | +0.8 | 34.3 | 01 | 16.8 | +0.7 | 11.1 | 29 | 1.8 | 42.8 | + 33.9 | 18.8 | 17 | 3 | + 2.4 | 4.7 | 4.6 | +1.0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Patna Aerodrome | 29.2 | +0.9 | 34.1 | 01 | 16.0 | +2.2 | 10.3 | 29 | 2.8 | 50.7 | + 42.9 | 20.2 | 17 | 3 | + 2.8 | 6.0 | 3.1 | +0.8 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Arrah | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 6.6 | 0.0 | .. | 0 | - 0.6 | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhagalpur | 28.9 | -0.1 | 32.1 | 03 | 18.0 | +1.4 | 12.4 | 29 | 2.0 | 5.9 | + 0.9 | 2.0 | 15 | 0 | - 0.3 | 5.8 | 4.0 | +0.6 | 0 | 5 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Sabaur | 28.6 | +0.3 | 31.8 | 01 | 15.1 | +1.1 | 9.2 | 29 | 1.0 | 4.0 | - 3.9 | 1.4 | 15 | 0 | - 0.7 | 5.4 | 3.0 | -0.4 | 1 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jamui | 31.4 | +2.3 | 34.1 | 01 | 15.7 | +0.8 | 11.4 | 29 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.2 | 5.5[m] | 4.1[m] | +1.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dehri | 29.3 | +0.4 | 33.4 | 12 | 14.3 | -0.7 | 6.4 | 30 | 5.1 | 23.5 | + 11.6 | 12.4 | 16 | 3 | + 2.3 | 5.3 | 3.0 | -0.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gaya | 29.7 | +1.2 | 33.2 | 13 | 16.2 | +2.1 | 11.8 | 29 | 4.8 | 11.1 | + 6.5 | 4.7 | 17 | 2 | + 1.7 | 8.1 | 5.2 | +0.2 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| UTTAR PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bahraich | 30.6 | +2.0 | 33.6 | 01 | 14.2 | +0.8 | 7.9 | 28 | 0.0 | 2.2 | - 3.6 | 2.2 | 15 | 0 | - 0.4 | 6.2 | 4.0 | +1.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nautanwa | 29.2 | +1.6 | 31.4 | 03 | 12.0 | -1.8 | 6.0 | 30 | 0.0 | 3.6 | + 2.3 | 3.6 | 15 | 1 | + 0.6 | 0.0 | 0.0 | -1.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hardoi | 28.8 | -0.1 | 33.6 | 01 | 11.9 | -0.4 | 8.3 | 29 | 0.0 | 5.0 | + 3.1 | 5.0 | 14 | 1 | + 0.8 | 4.8 | 4.1 | +1.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gonda | 29.7 | +1.1 | 33.3 | 02 | 13.0 | +0.4 | 7.1 | 28 | 0.0 | 4.4 | + 0.9 | 4.4 | 15 | 1 | + 0.8 | 4.2 | 3.0 | +0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow | 29.3 | 0.0 | 33.0 | 01 | 13.1 | +0.4 | 8.8 | 28 | 0.0 | 4.6 | - 1.0 | 4.2 | 15 | 1 | + 0.7 | 0.0 | 0.0 | -1.6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow (Amausi) | 29.4 | +1.2 | 33.0 | 02 | 13.1 | +2.2 | 7.6 | 28 | 0.0 | 6.1 | + 5.4 | 4.4 | 15 | 1 | + 0.9 | 8.8 | 5.4 | +1.3 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Faizabad | 29.8 | +1.6 | 33.2 | 02 | 13.9 | +1.7 | 8.1 | 28 | 4.1 | 23.7 | + 21.3 | 15.0 | 17 | 3 | + 2.8 | 3.2 | 1.5 | -0.2 | 0 | 4 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Gorakhpur | 29.7 | +1.2 | 33.3 | 02 | 16.0 | +1.4 | 11.3 | 29 | 0.0 | 3.0 | - 1.8 | 3.0 | 15 | 1 | + 0.7 | 4.6 | 2.4 | +0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur | 29.8 | +0.9 | 34.5 | 01 | 15.5 | +3.2 | 9.1 | 28 | 0.0 | 4.0 | - 2.6 | 4.0 | 15 | 1 | + 0.7 | 9.7 | 6.6 | +1.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanpur (Aerodrome) | 29.1 | .. | 33.9 | 01 | 15.1 | .. | 9.2 | 28 | 0.0 | 4.9 | .. | 4.1 | 15 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sultanpur | 30.2 | +1.5 | 34.5 | 02 | 14.9 | +1.3 | 10.0 | 28 | 0.0 | 4.4 | + 3.5 | 4.4 | 15 | 1 | + 0.8 | 2.9 | 2.4 | -0.1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Azamgarh | 29.1 | -0.4 | 32.9 | 12 | 11.6 | -1.7 | 7.9 | 27 | 4.8 | 27.8 | + 20.2 | 18.6 | 15 | 3 | + 2.7 | 3.4 | 1.7 | .. | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fatehpur | 30.3 | +1.3 | 35.0 | 02 | 14.9 | +2.2 | 9.2 | 28 | 4.0 | 11.8 | + 9.4 | 11.4 | 15 | 1 | + 0.6 | 5.0 | 2.7 | +0.4 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ballia | 29.6 | +0.8 | 33.5 | 01 | 11.3 | -1.4 | 8.0 | 11 | 0.0 | 33.4 | + 20.0 | 14.6 | 16 | 3 | + 2.7 | 4.0 | 2.1 | 0.0 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Banda | 30.9 | +1.7 | 36.0 | 02 | 16.2 | +3.3 | 12.2 | 28 | 18.6 | 39.2 | + 36.1 | 25.8 | 15 | 3 | + 2.8 | 8.0 | 0.9 | +0.2 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Allahabad (Bamhrauli) | 29.8 | +0.8 | 35.8 | 12 | 16.1 | +3.0 | 11.0 | 28 | 32.7 | 77.7 | + 69.1 | 49.2 | 15 | 3 | + 2.3 | 3.6 | 2.1 | -1.3 | 1 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Varanasi (Babatpur) | 29.3 | +0.7 | 34.5 | 02 | 15.5 | +2.6 | 10.7 | 28 | 25.6 | 50.7 | + 35.8 | 43.8 | 15 | 3 | + 2.8 | . | 5.9 | +0.8 | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Varanasi | 30.0 | +1.4 | 36.0 | 12 | 16.1 | +2.7 | 11.6 | 28 | 35.6 | 70.4 | + 60.2 | 60.6 | 15 | 2 | + 1.4 | 2.7 | 2.3 | -2.9 | 0 | 4 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| UTTAR PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 18.5 | +1.0 | 21.6 | 01 | 7.8 | +0.2 | 3.8 | 30 | 4.5 | 21.3 | + 6.0 | 16.8 | 12 | 2 | + 1.3 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Tehri | 26.1 | +0.7 | 30.0 | 01 | 8.5 | -0.7 | 3.7 | 30 | 0.4 | 10.6 | + 3.3 | 8.8 | 12 | 1 | + 0.7 | 2.7 | 1.5 | .. | 2 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Dehra Dun | 25.0 | +0.3 | 28.9 | 01 | 10.5 | +0.2 | 4.8 | 30 | 0.0 | 16.2 | + 8.6 | 10.2 | 12 | 2 | + 1.5 | 3.4 | 3.2 | +0.2 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Mussoorie | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28.6 | .. | 20.2 | 19 | 3 | .. | .. | .. | .. | 0 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.3 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20a | 20b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **UTTAR PRADESH, WEST (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Roorkee | 27.8 | +1.3 | 33.2 | 01 | 8.4 | -1.7 | 2.2 | 30 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.3 | 4.0 | 2.5 | -0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Najibabad | 28.1 | +1.3 | 32.3 | 01 | 9.5 | -1.3 | 2.2 | 30 | 0.0 | 0.0 | - 4.8 | 0.0 | .. | 0 | - 0.5 | 4.6 | 3.3 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Meerut | 29.7 | +1.8 | 34.5 | 01 | 10.1 | -1.2 | 3.3 | 30 | 0.0 | 0.0 | - 2.5 | 0.0 | .. | 0 | - 0.3 | . | 4.5 | +0.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bareilly | 29.9 | +1.5 | 34.0 | 01 | 13.4 | +0.8 | 8.4 | 28 | 0.2 | 2.8 | - 1.3 | 2.2 | 14 | 0 | - 0.3 | 6.8 | 5.0 | +2.8 | 0 | 2 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Aligarh | 28.9 | -0.1 | 34.6 | 01 | 12.4 | +0.3 | 6.2 | 30 | 26.2 | 26.2 | + 25.7 | 26.2 | 14 | 1 | + 0.9 | 5.9 | 4.4 | -0.? | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mainpuri | 30.7 | +0.7 | 35.4 | 01 | 12.1 | +0.4 | 7.2 | 21 | 0.0 | 5.9 | + 2.6 | 5.9 | 14 | 1 | + 0.7 | 0.0 | 0.0 | -2.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra | 29.2 | 0.0 | 35.4 | 01 | 13.9 | +1.9 | 9.4 | 27 | 0.0 | 30.0 | + 26.7 | 30.0 | 14 | 1 | + 0.7 | 3.4 | 2.3 | -0.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agra (Aerodrome) | 29.9 | .. | 36.3 | 01 | 24.1 | .. | 7.2 | 30 | 0.0 | 79.0 | .. | 79.0 | 14 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Orai | 29.9 | +0.8 | 35.0 | 01 | 14.9 | +2.4 | 9.6 | 27 | 0.0 | 6.9 | + 6.2 | 6.0 | 15 | 1 | + 0.9 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhansi | 29.8 | +0.1 | 35.4 | 01 | 14.5 | +1.4 | 10.2 | 27 | 0.0 | 8.6 | - 0.8 | 8.6 | 15 | 1 | + 0.4 | 3.2 | 3.1 | -0.4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **PUNJAB (INCLUDING DELHI)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 26.5 | +0.6 | 30.2 | 01 | 8.6 | -1.2 | 1.8 | 30 | 0.0 | 0.0 | - 10.0 | 0.0 | .. | 0 | - 0.8 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Amritsar (Rajasansi) | 26.9 | +0.4 | 30.1 | 02 | 7.7 | -1.1 | 3.0 | 30 | 0.0 | 0.0 | - 7.4 | 0.0 | .. | 0 | - 0.6 | 2.7 | 3.7 | -1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Adampur (Aerodrome) | 28.1 | .. | 31.5 | 01 | 6.3 | .. | 0.6 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ludhiana | 28.2 | -0.6 | 32.2 | 01 | 9.2 | -0.9 | 3.8 | 29 | 0.0 | 0.0 | - 3.3 | 0.0 | .. | 0 | - 0.4 | 3.8 | 1.7 | -0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ferozepur | 27.3 | -0.2 | 30.5 | 05 | .. | .. | .. | .. | 0.0 | 0.0 | - 8.7 | 0.0 | .. | 0 | - 0.5 | 2.2 | 1.8 | +0.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Halwara (Aerodrome) | 26.9 | .. | 30.6 | 01 | 5.3 | .. | - 0.8 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Chandigarh | 27.3 | +0.3 | 31.4 | 02 | 10.8 | +0.5 | 5.2 | 30 | 0.0 | 0.0 | - 5.4 | 0.0 | .. | 0 | - 0.4 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala | 27.6 | -1.0 | 31.2 | 01 | 9.2 | -1.0 | 1.8 | 29 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.4 | 10.9 | 7.1 | +2.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ambala (Aerodrome) | 27.8 | .. | 32.0 | 01 | 7.2 | .. | 1.0 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Patiala | 28.0 | -0.2 | 33.3 | 01 | 9.7 | -0.9 | 4.1 | 29 | 0.0 | 0.0 | - 3.8 | 0.0 | .. | 0 | - 0.4 | 6.8 | 6.5 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhatinda | 27.5 | +0.2 | 31.0 | 04 | 7.5 | -2.4 | 2.0 | 30 | 0.0 | 0.0 | - 5.7 | 0.0 | .. | 0 | - 0.8 | 4.0 | 2.0 | -1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Karnal | 26.9 | -0.3 | 31.5 | 01 | 11.2 | -0.7 | 4.0 | 30 | 0.0 | 0.0 | - 5.3 | 0.0 | .. | 0 | - 0.4 | 5.5 | 4.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hissar | 27.6 | -2.0 | 32.0 | 01 | 9.7 | -0.1 | 3.3 | 30 | 1.6 | 1.6 | + 0.6 | 1.6 | 15 | 0 | - 0.1 | 4.1 | 3.8 | -0.7 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| New Delhi (Safdarjung) | 28.0 | -0.7 | 32.3 | 01 | 12.0 | +0.2 | 5.5 | 30 | 0.0 | 0.6 | - 1.4 | 0.6 | 14 | 0 | - 0.2 | 4.7 | 4.8 | -1.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palam (Aerodrome) | 27.6 | .. | 32.0 | 01 | 10.5 | .. | 2.1 | 30 | 0.3 | 3.1 | .. | 2.8 | 14 | 1 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **HIMACHAL PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 26.1 | +1.7 | 29.5 | 01 | 7.6 | +0.8 | 3.7 | 30 | 0.5 | 4.7 | - 3.0 | 4.0 | 18 | 1 | + 0.6 | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bilaspur | 25.4 | +0.3 | 29.8 | 05 | 7.6 | -0.5 | 2.3 | 30 | 0.2 | 10.5 | + 0.3 | 10.5 | 13 | 1 | + 0.3 | .. | .. | .. | 0 | 1 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 0 |
| **JAMMU AND KASHMIR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Gilgit (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Skardu (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Dras (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sonamarg (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Leh | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Srinagar | 14.4 | -1.1 | 17.3 | 06 | 0.4 | +0.5 | - 3.1 | 30 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.3 | 5.5 | 4.4 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Srinagar (Aerodrome) | 13.2 | .. | 16.2 | 06 | - 0.3 | .. | - 3.1 | 30 | 0.0 | 0.0 | - 12.7 | 0.0 | .. | 0 | - 1.1 | 4.3 | 3.3 | +0.3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Gulmarg (Research Institute) (see F.N.) | 8.4 | .. | 10.7 | 11 | - 3.0 | .. | 6.2 | 30 | 0.0 | 1.6 | .. | 1.6 | 01 | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Qazigund | 13.9 | .. | 16.4 | 06 | 0.0 | .. | - 2.9 | 30 | 0.8 | 3.5 | .. | 2.0 | 18 | 0 | .. | 3.1 | 3.8 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banihal | 17.2 | .. | 20.9 | 10 | 2.1 | .. | - 1.9 | 30 | 3.4 | 7.6 | .. | 2.8 | 19 | 2 | .. | .. | .. | .. | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jammu | 27.8 | +1.6 | 30.4 | 01 | 12.2 | -1.2 | 8.2 | 30 | 0.0 | 0.0 | - 6.6 | 0.0 | .. | 0 | - 0.6 | 6.1 | 5.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jammu (Aerodrome) | 27.4 | .. | 30.5 | 01 | 11.7 | .. | 5.5 | 29 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, WEST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 29.1 | -0.3 | 33.2 | 04 | 8.8 | -0.1 | 3.6 | 30 | 0.0 | 0.0 | - 3.0 | 0.0 | .. | 0 | - 0.2 | 0.0 | 0.4 | -2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Anupgarh (@) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Mahajan | 28.7 | .. | 33.0 | 04 | 8.5* | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 0.0 | 0.0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Churu | 28.1 | -0.2 | 32.3 | 01 | 10.0 | +0.2 | 2.4 | 30 | 0.0 | 4.8 | - 0.9 | 4.8 | 18 | 1 | + 0.5 | 4.1 | 4.2 | 0.0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bikaner | 29.0 | -1.3 | 33.1 | 10 | 10.1 | +0.1 | 3.3 | 30 | 0.0 | 4.0 | + 3.0 | 4.0 | 18 | 1 | + 0.9 | 7.7 | 5.0 | +1.5 | 0 | 1 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Nagaur | 29.8 | +1.1 | 34.6 | 10 | 12.7 | +0.2 | 4.4 | 10 | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | 0.0 | 7.5 | 6.4 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Phalodi | 28.9 | -1.4 | 34.6 | 10 | 11.7 | -1.4 | 5.8 | 30 | 0.0 | 0.0 | - 0.8 | 0.0 | .. | 0 | - 0.1 | 8.7 | 7.1 | -4.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaisalmer | 30.3 | -0.8 | 37.0 | 15 | 14.1 | +1.1 | 3.3 | 28 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.3 | 10.3 | 7.8 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jodhpur | 31.5 | +0.1 | 36.0 | 01 | 15.2 | +1.3 | 9.8 | 28 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | 15.6 | 10.4 | +4.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Barmer | 32.1 | +0.6 | 37.0 | 04 | .. | .. | .. | .. | 0.0 | 0.0 | - 0.3 | 0.0 | .. | 0 | - 0.1 | 8.3 | 6.8 | +1.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Erinpura (Jawai Dam) | 32.4 | +1.7 | 35.6 | 11 | 13.2 | -1.4 | 5.7 | 29 | 0.0 | 0.0 | - 5.6 | 0.0 | .. | 0 | - 0.3 | 3.1 | 2.5 | -1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **RAJASTHAN, EAST** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 28.1 | -0.3 | 33.0 | 01 | 8.9 | -1.8 | 2.0 | 30 | 0.0 | 8.5 | + 1.9 | 8.5 | 18 | 1 | + 0.5 | 5.0 | 5.0 | -1.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sikar | 28.9 | -0.2 | 33.6 | 11 | 9.7 | -0.7 | 3.4 | 30 | 2.9 | 2.9 | - 1.2 | 2.9 | 19 | 1 | + 0.7 | 6.0 | 4.9 | +0.6 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alwar | 26.8 | -1.4 | 35.1 | 01 | .. | .. | .. | .. | 0.0 | 8.8 | - 0.1 | 8.8 | 14 | 1 | - 0.2 | 2.2 | 1.1 | -1.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jaipur (Sanganer) | 28.1 | -0.9 | 32.9 | 01 | 15.4 | +3.4 | 8.8 | 25 | 0.0 | 12.6 | + 10.3 | 8.8 | 14 | 2 | + 1.7 | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

There is another seasonal observatory at Gulmarg which functions only for the months June to September every year.

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dholpur | 30.0 | +1.1 | 34.9 | 11 | 12.1 | +0.8 | 6.7 | 27 | 0.0 | 0.0 | - 0.7 | 0.0 | .. | 0 | - 0.4 | 3.2 | 2.3 | -0.1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ajmer | 29.4 | +0.5 | 33.8 | 11 | 14.0 | +3.1 | 8.4 | 28 | 0.0 | 4.8 | + 1.5 | 4.0 | 15 | 1 | + 0.6 | 5.9 | 4.0 | +1.7 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tonk | 30.4 | +2.5 | 36.1 | 01 | 15.6 | +3.7 | 9.2 | 27 | 0.0 | 1.3 | - 11.6 | 1.3 | 18 | 0 | - 0.8 | 6.9 | 6.0 | +2.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhilwara | 30.3 | .. | 35.8 | 01 | 12.5 | .. | 7.5 | 29 | 0.0 | 1.4 | .. | 1.4 | 19 | 0 | .. | 6.3 | 3.7 | .. | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Kota | 31.3 | +0.5 | 36.4 | 01 | 15.0 | +0.2 | 10.4 | 27 | 0.0 | 1.0 | - 5.1 | 1.0 | 18 | 0 | - 0.6 | 4.0 | 2.6 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kota (Aerodrome) | 30.5 | .. | 35.4 | 01 | 16.9 | .. | 10.5 | 01 | 0.0 | 1.8 | .. | 1.8 | 18 | 0 | .. | 8.7 | 6.3 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chambal (Rawat Bhatta Dam) | 31.0 | +1.1 | 35.9 | 01 | 16.2 | +5.6 | 11.1 | 23 | 0.0 | 4.8 | + 3.9 | 4.8 | 18 | 1 | + 0.9 | 7.9 | 4.4 | +1.0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Udaipur | 30.5 | +1.4 | 34.1 | 01 | 13.4 | +2.4 | 8.8 | 27 | 1.1 | 1.3 | - 2.3 | 1.3 | 19 | 0 | - 0.3 | 2.9 | 1.3 | -0.2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jhalawar | 31.0 | +1.2 | 35.9 | 01 | 15.6 | +3.4 | 10.1 | 23 | 0.0 | 12.0 | - 1.2 | 11.4 | 15 | 1 | 0.0 | 5.9 | 3.5 | +1.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Banswara | 33.3 | .. | 36.9 | 02 | 19.2 | .. | 14.4 | 23 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 9.8 | 9.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 29.6 | +0.2 | 35.7 | 01 | 13.1 | +2.6 | 7.7 | 27 | 0.4 | 3.5 | + 0.4 | 2.4 | 14 | 0 | - 0.4 | 6.5 | 3.7 | +0.9 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Sheopur | 30.9 | +1.5 | 35.7 | 01 | 14.4 | +3.4 | 9.9 | 27 | 1.5 | 2.9 | - 1.5 | 1.5 | 19 | 0 | - 0.4 | 7.2 | 6.0 | +1.9 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shivpuri | 28.7 | .. | 33.7 | 01 | 11.7 | .. | 5.8 | 22 | 0.0 | 2.2 | .. | 2.2 | 15 | 0 | .. | 7.0 | 4.3 | .. | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Nowgong | 29.5 | +0.4 | 35.1 | 01 | 14.2 | +3.7 | 9.8 | 22 | 7.4 | 28.4 | + 13.9 | 20.6 | 15 | 2 | + 1.3 | 5.6 | 3.0 | +0.9 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Guna | 30.1 | +1.2 | 37.0 | 03 | 14.4 | +3.8 | 8.1 | 22 | 4.4 | 33.0 | + 11.4 | 29.0 | 15 | 2 | + 1.2 | 9.3 | 6.5 | +3.6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nimach | 30.1 | +0.8 | 34.7 | 01 | 16.4 | +3.2 | 12.1 | 29 | 0.0 | 3.2 | - 4.9 | 3.2 | 18 | 1 | + 0.5 | 7.4 | 5.9 | +1.0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajgarh | 30.7 | +0.8 | 35.2 | 04 | 15.9 | +3.4 | 10.1 | 23 | 7.4 | 17.3 | + 17.3 | 9.9 | 14 | 2 | + 1.3 | 7.2 | 5.7 | +1.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sagar | 31.5 | +3.8 | 37.7 | 02 | 13.0 | -2.5 | 9.9 | 13 | 16.0 | 50.2 | + 26.8 | 25.2 | 15 | 3 | + 1.9 | 8.8 | 12.1 | +5.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratlam | 31.3 | +1.0 | 35.3 | 11 | 15.8 | +1.2 | 11.0 | 23 | 0.0 | 0.0 | - 3.0 | 0.0 | .. | 0 | - 0.3 | 10.1 | 7.9 | +2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhopal (Bairagarh) | 29.1 | +0.6 | 34.0 | 01 | 16.2 | +2.9 | 10.4 | 22 | 30.3 | 49.0 | + 28.4 | 35.9 | 14 | 2 | + 0.9 | 10.5 | 8.0 | +3.7 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 |
| Ujjain | 29.8 | .. | 34.2 | 02 | 14.7 | .. | 8.6 | 23 | 26.0 | 65.3 | .. | 55.7 | 14 | 3 | .. | 8.6 | 5.1 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Narsinghpur | 31.1 | .. | 35.2 | 02 | 13.0 | .. | 9.0 | 21 | 9.0 | 15.0 | .. | 9.0 | 14 | 2 | .. | 4.8 | 2.6 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hoshangabad | 30.4 | +1.1 | 35.3 | 01 | 15.9 | +1.4 | 11.5 | 22 | 0.0 | 29.5 | + 8.2 | 28.4 | 14 | 1 | 0.0 | 2.2 | 3.3 | +0.3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Indore | 29.5 | +0.7 | 34.0 | 02 | 16.4 | +4.3 | 10.3 | 23 | 36.4 | 36.9 | + 15.8 | 33.3 | 14 | 2 | + 0.8 | 10.0 | 6.8 | -0.7 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Rajpur (Jhabua) | 32.0 | +0.9 | 35.4 | 03 | .. | .. | .. | .. | 0.3 | 9.7 | + 4.0 | 9.7 | 14 | 1 | + 0.3 | 7.0 | 4.3 | +1.5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chhindwara | 28.7 | +1.0 | 32.7 | 02 | 15.4 | +3.6 | 12.6 | 07 | 0.6 | 38.2 | + 20.2 | 35.0 | 15 | 2 | + 1.7 | 5.5 | 3.1 | -0.8 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seoni | 29.0 | +1.5 | 32.7 | 03 | 16.1 | +2.8 | 14.4 | 28 | 1.8 | 54.8 | + 33.2 | 52.0 | 15 | 1 | - 0.1 | 8.6 | 6.1 | +1.5 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Betul | 28.8 | +1.1 | 32.2 | 09 | 15.8 | +3.8 | 10.0 | 22 | 1.0 | 29.0 | + 0.1 | 27.2 | 15 | 1 | - 0.2 | 6.7 | 4.2 | +0.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandwa | 33.2 | +2.0 | 35.6 | 14 | 17.4 | +3.9 | 11.0 | 22 | 3.2 | 36.6 | + 9.4 | 23.8 | 19 | 4 | + 2.8 | 7.5 | 5.4 | +1.1 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 29.2 | +0.3 | 35.4 | 03 | 15.8 | +4.2 | 11.8 | 28 | 23.0 | 50.3 | + 38.1 | 19.0 | 16 | 3 | + 2.2 | 6.9 | 3.8 | +1.1 | 1 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Rewa | 28.9 | .. | 34.5 | 02 | 14.5 | .. | 10.2 | 28 | 13.3 | 34.5 | .. | 14.0 | 16 | 4 | .. | 5.7 | 2.9 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sidhi | 29.5 | +0.4 | 34.9 | 13 | 14.9 | +3.2 | 9.5 | 29 | 15.8 | 29.0 | + 27.6 | 13.4 | 16 | 4 | + 3.8 | 4.8 | 2.6 | 0.0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Umaria | 28.4 | +0.8 | 34.1 | 02 | 14.7 | +3.9 | 10.8 | 28 | 20.0 | 33.6 | + 11.7 | 17.8 | 16 | 4 | + 3.0 | 5.4 | 3.4 | +0.9 | 0 | 5 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Jabalpur | 29.6 | +0.7 | 34.6 | 02 | 15.8 | +4.1 | 12.2 | 21 | 22.0 | 34.4 | + 15.6 | 14.8 | 16 | 3 | + 2.0 | 5.8 | 3.5 | +0.7 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Ambikapur | 28.3 | +2.3 | 31.7 | 13 | 15.0 | +4.5 | 10.2 | 06 | 19.2 | 19.8 | + 18.7 | 19.2 | 25 | 1 | + 0.9 | 10.3 | 7.3 | +1.5 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Jashpurnagar | 27.0 | .. | 30.0 | 01 | 14.1 | .. | 10.0 | 16 | 7.7 | 12.1 | .. | 5.3 | 26 | 1 | .. | 6.9 | 4.1 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pendra | 27.5 | +1.2 | 31.9 | 02 | 16.6 | +3.2 | 14.0 | 28 | 6.6 | 48.2 | + 30.4 | 31.8 | 24 | 4 | + 2.7 | 6.8 | 4.8 | +1.1 | 1 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mandla | 30.0 | +1.9 | 34.0 | 02 | 14.1 | +4.2 | 10.4 | 06 | 0.4 | 6.6 | - 1.3 | 5.4 | 15 | 1 | + 0.8 | 5.0[b] | 2.6 | +1.0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Champa | 30.7 | +1.4 | 33.3 | 03 | 19.1 | +3.0 | 16.5 | 11 | 3.6 | 5.8 | + 0.1 | 4.6 | 24 | 1 | + 0.4 | 5.0 | 4.5 | -0.4 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raigarh | 31.2 | +1.4 | 34.6 | 02 | 20.2 | +3.8 | 16.9 | 09 | 0.0 | 6.3 | + 5.6 | 6.3 | 23 | 1 | + 0.9 | 4.9 | 4.7 | +0.9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Raipur | 30.7 | +1.6 | 33.8 | 02 | 19.1 | +3.1 | 16.5 | 21 | 15.6 | 21.2 | + 6.7 | 16.3 | 24 | 2 | + 1.1 | 8.2 | 6.2 | +2.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kanker | 29.9 | +1.6 | 32.3 | 10 | 19.2 | +5.0 | 15.8 | 02 | 5.2 | 48.4 | + 28.1 | 37.4 | 27 | 3 | + 1.9 | 3.7 | 3.4 | +0.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jagdalpur | 29.3 | +1.2 | 31.7 | 18 | 18.7 | +4.0 | 15.1 | 02 | 1.7 | 6.5 | - 23.5 | 3.6 | 23 | 1 | - 0.8 | 4.1[b] | 1.8[c] | -1.2 | 1 | 3 | 0 | 0 | 3 | 1 | 0 | 0 | 0 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 34.4 | +1.3 | 37.0 | 10 | 16.4 | +2.4 | 8.9 | 27 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.1 | 9.3 | 7.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Radhanpur | 33.1 | +0.4 | 36.9 | 10 | 18.4 | +3.4 | 10.4 | 27 | 0.0 | 0.0 | - 3.8 | 0.0 | .. | 0 | - 0.2 | 7.5 | 6.3 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Idar | 32.0 | +0.3 | 35.3 | 02 | 21.0 | +1.8 | 15.3 | 24 | 0.0 | 0.0 | 0.0 | 0.0 | .. | 0 | - 0.3 | 7.2 | 6.6 | +0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadabad | 34.1 | +1.1 | 37.4 | 10 | 17.9 | +1.8 | 12.7 | 30 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.4 | 6.9 | 3.5 | -0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dohad | 32.4 | +0.9 | 36.2 | 03 | 19.5 | +4.2 | 14.8 | 23 | 0.0 | 0.0 | - 11.1 | 0.0 | .. | 0 | - 0.6 | 7.4 | 6.2 | -0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vallabh Vidyanagar | 34.7 | .. | 37.9 | 03 | 17.1 | .. | 12.5 | 24 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 5.8 | 3.9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 | 0 |
| Baroda Aerodrome | 34.9 | +1.6 | 38.0 | 02 | 18.5 | +2.1 | 13.1 | 24 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.3 | 7.1 | 4.6 | -1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Baroda | 36.3 | +2.9 | 39.6 | 02 | 19.1 | +4.8 | 13.4 | 24 | 0.0 | 0.0 | - 5.2 | 0.0 | .. | 0 | - 0.4 | 4.9 | 3.8 | +1.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Broach | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7.7 | 5.8 | +1.2 | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surat | 35.7 | +0.8 | 38.8 | 04 | 20.3 | +1.1 | 15.3 | 24 | 0.0 | 0.0 | - 12.9 | 0.0 | .. | 0 | - 0.5 | 9.3 | 7.6 | +1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 32.3 | +0.5 | 37.0 | 02 | 13.9 | -0.4 | 5.0 | 30 | 0.0 | 0.0 | - 7.7 | 0.0 | .. | 0 | - 0.7 | 17.3 | 11.7 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhuj (Rudramata) | 32.2 | -0.1 | 36.4 | 02 | 15.9 | +0.3 | 7.6 | 29 | 0.0 | 0.0 | - 1.0 | 0.0 | .. | 0 | - 0.2 | 14.9 | 9.8 | +2.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kandla Aerodrome | 33.0 | .. | 37.5 | 01 | 17.5 | .. | 9.5 | 25 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 17.0 | 17.7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU) (CONTD.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| New Kandla | 31.2 | +0.9 | 36.1 | 02 | 19.0 | -1.1 | 12.8 | 30 | 0.0 | 0.0 | - 15.8 | 0.0 | .. | 0 | - 0.4 | 12.8 | 13.6 | +2.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mandvi | 31.9 | +1.4 | 35.3 | 07 | 19.6 | +0.4 | 13.0 | 30 | 0.0 | 0.0 | - 1.8 | 0.0 | .. | 0 | - 0.5 | 11.3 | 10.0 | -3.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Surendranagar | 33.9 | +1.1 | 37.4 | 10 | 18.8 | +0.9 | 11.7 | 30 | 0.0 | 0.0 | - 1.1 | .. | .. | .. | .. | 6.3[b] | 6.4[c] | -0.3 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Okha | 29.0 | .. | 31.7 | 02 | 23.0 | .. | 18.2 | 29 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | 17.0 | 22.5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jamnagar (Aerodrome) | 32.3 | 0.0 | 36.5 | 02 | 17.2 | +1.1 | 8.1 | 30 | 0.0 | 0.0 | - 2.3 | 0.0 | .. | 0 | - 0.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dwarka | 31.4 | +0.6 | 35.7 | 10 | .. | .. | .. | .. | 0.0 | 0.0 | - 2.0 | 0.0 | .. | 0 | - 0.1 | 17.6 | 14.7 | +2.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rajkot | 33.5 | +0.3 | 37.2 | 02 | 17.1 | +0.6 | 9.6 | 30 | 0.0 | 0.0 | - 2.8 | 0.0 | .. | 0 | - 0.3 | 15.7 | 12.4 | +1.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhaunagar Aerodrome | 33.3 | +1.7 | 36.7 | 01 | 19.7 | +1.7 | 14.8 | 24 | 0.0 | 0.0 | - 0.6 | 0.0 | .. | 0 | - 0.1 | 14.5 | 12.0 | +5.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 34.6 | +1.6 | 38.5 | 01 | 19.6 | -0.4 | 11.1 | 30 | 0.0 | 0.0 | - 11.3 | 0.0 | .. | 0 | - 0.3 | 17.1 | 13.4 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Keshod | 35.0 | +1.2 | 38.3 | 03 | 17.3 | -0.1 | 9.9 | 30 | 0.0 | 0.0 | - 6.6 | 0.0 | .. | 0 | - 0.6 | 16.6 | 13.0 | +1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahuva | 34.4 | .. | 38.3 | 01 | 20.5 | .. | 15.8 | 18 | 0.0 | 0.0 | - 2.1 | 0.0 | .. | 0 | - 0.3 | 5.8 | 7.1 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Veraval | 33.8 | +0.9 | 37.5 | 04 | 19.7 | +0.9 | 13.5 | 30 | 0.0 | 0.0 | - 4.1 | 0.0 | .. | 0 | - 0.2 | 16.8 | 13.2 | +2.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 35.8 | +3.9 | 36.7 | 05 | 20.0 | 0.0 | 16.5 | 08 ds | .. | .. | .. | .. | .. | .. | .. | 10.7 | 8.9 | -1.0 | . | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay (Santa Cruz) | 33.9 | +0.8 | 36.7 | 07 | 22.2 | +2.4 | 16.5 | 23 | 0.0 | 5.5 | - 0.7 | 5.4 | 13 | 1 | + 0.4 | 9.7 | 5.9 | -1.2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bombay | 33.1 | +0.8 | 36.9 | 02 | 24.4 | +1.6 | 20.7 | 24 | 0.0 | 0.0 | - 17.5 | 0.0 | .. | 0 | - 0.8 | 9.9 | 8.4 | +0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alibag | 32.5 | +1.2 | 36.4 | 02 | 22.5 | +1.6 | 17.7 | 23 | .. | 3.0 | - 31.3 | 2.0 | 13 | 0 | - 1.5 | .. | 7.3 | +1.2 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhira | 35.4 | .. | 39.0 | 03 | 20.5 | .. | 14.4 | 24 | 9.4 | 12.2 | .. | 9.4 | 15 | 2 | .. | 3.7 | 2.2 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Harnai | 31.2 | +0.6 | 34.6 | 02 | 25.2 | +1.1 | 22.6 | 24 | 0.0 | 8.2 | - 17.0 | 7.2 | 08 | 1 | - 0.5 | 14.1 | 12.4 | +1.8 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ratnagiri | 32.1 | -0.3 | 35.1 | 02 | 22.4 | +1.0 | 16.7 | 14 | 106.6 | 294.7 | +259.4 | 199.2 | 14 | 5 | + 3.4 | 11.9[b] | 8.4[b] | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Devgarh | 31.4 | -0.5 | 34.9 | 11 | 23.7 | +1.3 | 20.0 | 23 | 24.9 | 296.2 | +266.4 | 235.5 | 14 | 4 | + 2.1 | 13.8[b] | 12.7[b] | +2.1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vengurla | 31.6 | -1.1 | 35.1 | 04 | 21.4 | +0.8 | 13.9 | 14 | 133.0 | 253.2 | +232.8 | 136.6 | 14 | 6 | + 4.4 | 10.8 | 6.5 | .. | 0 | 7 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 |
| Panjim | 31.5 | .. | 35.2 | 10 | 22.7 | .. | 19.3 | 23 | 25.2 | 191.0 | .. | 100.5 | 13 | 5 | .. | 10.8 | 9.6 | .. | 1 | 6 | 0 | 0 | 3 | 1 | 0 | 1 | 0 | 0 |
| Mormugao | 30.6 | -0.4 | 34.7 | 10 | 23.4 | +0.6 | 20.2 | 13 | 7.9 | 239.9 | +204.1 | 147.0 | 13 | 6 | + 3.9 | 13.5 | 12.6 | +3.1 | 1 | 8 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| Dabolim (Naval Air Station) | 31.0 | .. | 35.1 | 04 | 23.1 | .. | 19.6 | 23 | 28.5 | 233.0 | .. | 117.1 | 13 | 6 | .. | .. | .. | .. | 0 | 8 | 0 | 0 | 2 | 1 | 0 | 1 | 0 | 0 |
| **MADHYA MAHARASHTRA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 33.2 | +0.4 | 36.8 | 03 | 21.0 | +2.6 | 16.9 | 24 | 1.2 | 13.0 | + 3.4 | 8.4 | 10 | 2 | + 1.2 | 4.7 | 2.7 | -2.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Jalgaon | 33.0 | +1.0 | 36.5 | 02 | 18.0 | +3.5 | 10.6 | 23 | 0.8 | 60.0 | + 41.2 | 55.6 | 13 | 2 | + 1.1 | 11.5 | 9.0 | +1.9 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Malegaon | 31.5 | +0.5 | 34.6 | 02 | 19.0 | +4.7 | 14.1 | 23 | 5.0 | 90.4 | + 62.5 | 70.4 | 13 | 3 | + 1.7 | 8.3 | 5.9 | +1.2 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ozar | 30.9 | .. | 33.8 | 03 | 15.5 | .. | 9.4 | 23 | 4.8 | 31.9 | .. | 26.1 | 13 | 2 | .. | 13.2 | 7.9 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ahmadnagar | 31.5 | +1.8 | 35.1 | 04 | 17.9 | +2.8 | 11.8 | 23 | 0.8 | 50.2 | + 14.1 | 43.6 | 14 | 2 | + 0.3 | 11.4 | 7.4 | +1.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Khandala | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31.4 | + 10.6 | 20.4 | 14 | 2 | + 1.0 | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| Poona (Aerodrome) | 31.4 | .. | 34.3 | 02 | 18.2 | .. | 12.2 | 23 | 1.0 | 31.4 | .. | 29.6 | 14 | 1 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Poona | 30.4 | +0.5 | 33.0 | 03 | 16.7 | +3.2 | 9.1 | 23 | 0.1 | 38.6 | + 8.1 | 19.9 | 14 | 3 | + 1.2 | 7.9 | 4.3 | .. | 1 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Jeur | 29.9 | -1.0 | 34.1 | 03 | 18.1 | +2.9 | 12.1 | 23 | 7.3 | 141.0 | +118.2 | 121.2 | 14 | 6 | + 4.9 | 12.0 | 8.3 | +3.0 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Baramati | 31.2 | +1.3 | 35.6 | 04 | 18.5 | +2.5 | 13.3 | 23 | 53.7 | 185.7 | +148.6 | 115.9 | 14 | 4 | + 1.7 | 11.2 | 8.2 | +1.5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sholapur | 31.5 | +0.5 | 34.2 | 03 | 20.0 | +2.8 | 15.0 | 22 | 27.8 | 60.4 | + 28.9 | 46.8 | 13 | 3 | + 1.3 | 15.0[b] | 10.9 | +1.8 | 0 | 5 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Miraj | 29.9 | -0.2 | 33.0 | 03 | 19.0 | +1.9 | 13.3 | 23 | 38.6 | 147.0 | +105.9 | 60.4 | 14 | 5 | + 2.6 | .. | .. | .. | 0 | 6 | 0 | 0 | 2 | 3 | 0 | 0 | 0 | 0 |
| Kolhapur | 30.2 | -0.1 | 33.5 | 03 | 18.8 | +2.1 | 14.6 | 23 | 76.8 | 276.4 | +244.1 | 205.0 | 14 | 3 | + 1.0 | 9.0 | 4.3 | -3.9 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Udgiri | 26.2 | .. | 30.0 | 03 | 18.0 | .. | 13.7 | 24 | 92.7 | 304.6 | .. | 244.5 | 14 | 3 | .. | 14.4 | 12.8 | .. | 0 | 6 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| **MARATHWADA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 30.8 | +0.5 | 34.0 | 02 | 19.1 | +3.0 | 15.3 | 21 | 6.4 | 37.8 | + 6.8 | 21.4 | 14 | 3 | + 1.4 | 9.1 | 7.5 | 0.0 | 0 | 4 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Aurangabad (Chikalthan) | 30.2 | +0.3 | 33.9 | 03 | 15.8 | +3.1 | 10.5 | 22 | 12.0 | 55.6 | + 41.5 | 37.2 | 14 | 3 | + 2.0 | 12.9 | 7.6 | +1.6 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Parbhani | 31.8 | +1.3 | 34.4 | 03 | 18.4 | +4.0 | 13.5 | 21 | 24.2 | 41.2 | + 7.2 | 22.2 | 13 | 2 | + 0.3 | 9.4 | 5.4 | -0.1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nander | 31.7 | .. | 34.6 | 08 | 18.2 | .. | 12.4 | 21 | 0.0 | 38.3 | .. | 14.9 | 13 | 4 | .. | 5.1 | 5.1 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bir | 30.2 | .. | 33.9 | 02 | 17.7 | .. | 11.5 | 22 | 9.6 | 75.2 | .. | 52.6 | 14 | 6 | .. | 7.1 | 4.1 | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **VIDARBHA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 30.8 | +1.5 | 33.8 | 02 | 18.8 | +3.6 | 16.0 | 21 | 7.5 | 18.1 | + 0.1 | 12.1 | 15 | 2 | + 1.1 | 3.8 | 2.5 | +0.3 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Nagpur (Sonegaon) | 31.3 | +1.4 | 33.9 | 03 | 18.0 | +3.9 | 15.6 | 11 | 1.4 | 29.6 | + 9.8 | 26.5 | 15 | 1 | - 0.1 | 11.3 | 9.2 | .. | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Amraoti | 31.4 | +1.3 | 34.6 | 02 | 20.3 | +2.9 | 16.4 | 22 | 11.7 | 52.9 | + 31.6 | 52.9 | 15 | 1 | - 0.2 | 11.9 | 10.3 | +2.7 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola Aerodrome | 31.6 | .. | 35.0 | 02 | 15.9 | .. | 10.5 | 22 | 60.6 | 88.5 | .. | 83.0 | 15 | 2 | .. | 12.6 | 9.9 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Akola | 31.5 | +0.5 | 34.8 | 02 | 19.1 | +4.1 | 13.7 | 22 | 65.5 | 87.4 | + 64.0 | 83.7 | 15 | 1 | - 0.2 | 6.1[e] | 4.6[e] | +0.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bramhapuri | 31.7 | +1.5 | 33.8 | 10 | 19.0 | +2.3 | 15.9 | 21 | 5.8 | 0.0 | - 11.8 | 0.0 | .. | 0 | - 0.4 | 7.9 | 4.8 | +1.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Buldana | 28.8 | +0.5 | 32.2 | 02 | 18.9 | +1.9 | 14.6 | 22 | 50.1 | 85.8 | + 63.8 | 54.4 | 15 | 3 | + 1.7 | 10.1 | 7.9 | +2.1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Yeotmal | 30.0 | +0.9 | 32.9 | 03 | 19.6 | +3.3 | 15.1 | 21 | 0.0 | 68.8 | + 66.9 | 57.2 | 15 | 3 | + 2.7 | 11.5 | 8.8 | +1.8 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Chandrapur | 31.7 | +2.2 | 33.7 | 02 | 19.8 | +4.7 | 15.9 | 21 | 0.4 | 0.8 | - 14.9 | 0.4 | 15 | 0 | - 1.1 | 8.1 | 4.8 | +1.9 | 0 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Pusad | 31.3 | .. | 35.4 | 02 | 18.0 | .. | 14.6 | 21 | 10.3 | 63.5 | .. | 33.6 | 13 | 2 | .. | 7.7[f] | 5.3[f] | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sironcha | 31.2 | +1.0 | 33.0 | 28 | 21.7 | +4.8 | 17.8 | 02 | 0.0 | 11.6 | + 6.7 | 11.6 | 16 | 1 | + 0.3 | 5.9 | 3.4 | +0.2 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Wardha | 31.5 | .. | 34.3 | 03 | 19.8 | .. | 15.3 | 21 | 0.0 | 35.8 | .. | 29.0 | 15 | 2 | .. | 7.2 | 5.4 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhandara | 31.2 | .. | 33.8 | 03 | 19.9 | .. | 17.3 | 10 | 8.6 | 19.0 | .. | 13.2 | 15 | 3 | .. | 9.4 | 8.4 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena- No of days with | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Visibility | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 2 | |
| **COASTAL ANDHRA PRADESH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 29.3 | +0.8 | 32.1 | 13 | 22.0 | +1.6 | 20.2 | 09 | 133.2 | 236.8 | +152.7 | 103.4 | 22 | 6 | + 3.2 | 11.6 | 9.0 | -2.2 | 0 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Vishakhapatnam | 30.6 | +1.3 | 33.1 | 03 | 23.2 | +2.0 | 20.3 | 22 | 118.3 | 327.8 | +215.0 | 216.4 | 22 | 5 | + 1.1 | 18.0 | 11.0 | +2.9 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Kakinada | 29.1 | +0.4 | 31.4 | 02 | 22.8 | +1.2 | 20.3 | 02 | 105.7 | 248.9 | +107.9 | 46.0 | 29 | 9 | + 4.4 | 17.1 | 14.0 | +2.0 | 1 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nidadavole | 30.2 | -0.1 | 32.8 | 02 | 22.2 | +1.6 | 20.2 | 01 | 37.4 | 62.2 | + 23.3 | 15.7 | 05 | 8 | + 6.1 | 10.0 | 7.5 | +0.4 | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Rentachintala | 30.0 | -0.8 | 34.0 | 02 | 21.9 | +2.3 | 20.0 | 20 | 40.0 | 110.0 | + 63.3 | 43.0 | 06 | 7 | + 3.9 | 2.2 | 3.3 | -0.7 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Gannavaram | 30.4 | -0.3 | 33.1 | 02 | 22.7 | +1.6 | 20.2 | 13 | 52.9 | 78.2 | + 44.5 | 30.1 | 05 | 6 | + 3.6 | 16.4 | 12.2 | +2.0 | 1 | 7 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | |
| Masulipatam | 29.5 | +0.5 | 32.3 | 01 | 22.5 | +0.4 | 20.7 | 22 | 76.2 | 345.8 | +207.6 | 76.4 | 29 | 8 | + 3.4 | . | 5.5 | -3.3 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Ongole | 29.7 | -0.1 | 33.1 | 25 | 23.8 | +2.0 | 22.4 | 07 | .. | 502.6 | +354.3 | 128.6 | 06 | 13 | + 7.9 | .. | .. | .. | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nellore | 29.9 | +0.3 | 33.8 | 24 | 23.8 | +1.5 | 22.9 | 10 | 235.3 | 714.7 | +397.2 | 220.5 | 04 | 11 | + 2.0 | 9.6 | 7.5 | +1.5 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| **TELANGANA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 31.7 | +1.0 | 35.0 | 16 | 21.6 | +4.1 | 18.2 | 02 | 2.0 | 7.6 | - 3.1 | 7.6 | 16 | 1 | + 0.2 | . | 0.0 | -4.3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nizamabad | 30.9 | +1.2 | 32.4 | 25 | 20.3 | +4.1 | 16.5 | 22 | 0.0 | 0.0 | - 15.5 | 0.0 | .. | 0 | - 1.2 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hanamkonda | 30.2 | +0.3 | 33.6 | 01 | 21.2 | +2.8 | 18.5 | 01 | 2.6 | 16.2 | - 11.2 | 56.4 | 16 | 2 | + 0.2 | 9.2 | 6.9 | +1.6 | 0 | 3 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | |
| Hakimpet Aerodrome | 28.4 | .. | 30.7 | 02 | 19.3 | .. | 16.9 | 20 | 9.2 | 18.3 | .. | 4.5 | 13 | 4 | .. | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| Bhadrachalam | 31.9 | +1.4 | 34.0 | 02 | 22.3 | +4.1 | 18.4 | 01 | 0.0 | 4.2 | - 4.4 | 4.2 | 25 | 1 | + 0.4 | 6.2 | 4.6 | +0.1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Hyderabad (Begampet) | 29.2 | +0.5 | 31.5 | 02 | 18.3 | +2.3 | 14.6 | 01 | 8.0 | 29.9 | + 0.2 | 17.0 | 07 | 3 | + 1.1 | 10.8 | 6.5 | -1.5 | 2 | 7 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| Khammam | 31.2 | +0.6 | 33.4 | 27 | 22.1 | +3.0 | 18.7 | 10 | 0.0 | 0.0 | - 33.3 | 0.0 | .. | 0 | - 1.9 | 3.7 | 2.6 | -1.4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mahbubnagar | 29.2 | 0.0 | 32.0 | 25 | 20.2 | +2.1 | 18.0 | 23 | 23.8 | 43.6 | + 30.8 | 25.8 | 13 | 3 | + 2.3 | 14.8 | 11.6 | +1.8 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| **RAYALASEEMA** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 30.4 | -0.6 | 33.8 | 03 | 21.3 | +2.1 | 16.9 | 21 | 28.0 | 99.1 | + 68.9 | 54.4 | 15 | 7 | + 5.0 | 8.0 | 5.0 | -0.1 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Nandyal | 30.2 | .. | 33.5 | 25 | 21.5 | .. | 18.5 | 21 | 44.0 | 113.0 | .. | 34.0 | 05 | 9 | .. | 3.7 | 3.7 | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Anantapur | 29.6 | -0.4 | 32.1 | 02 | 21.3 | +1.9 | 17.4 | 21 | 52.4 | 95.8 | + 37.6 | 29.8 | 17 | 7 | + 3.5 | 11.9 | 11.0 | +2.5 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Cuddapah | 30.0 | -0.4 | 33.3 | 25 | 22.3 | +1.0 | 19.7 | 21 | 97.2 | 234.2 | +138.9 | 63.4 | 04 | 10 | + 5.0 | 5.7 | 4.4 | -1.0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Arogyavaram | 27.6 | +1.1 | 30.6 | 30 | 17.4 | -0.2 | 14.6 | 22 | 77.0 | 274.0 | +201.5 | 82.0 | 04 | 7 | + 1.5 | 9.2 | 8.0 | +2.9 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| **MADRAS STATE (INCLUDING PONDICHERRY)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 30.0 | +0.8 | 32.8 | 23 | 23.4 | +0.7 | 20.4 | 04 | 230.3 | 556.3 | +281.8 | 178.0 | 10 | 14 | + 6.0 | 10.7 | 6.8 | 0.0 | 0 | 15 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | |
| Madras (Minambakkam) | 29.9 | +0.7 | 32.2 | 21 | 23.4 | +0.9 | 21.9 | 22 | 239.0 | 535.4 | +185.1 | 125.8 | 10 | 12 | + 1.2 | 13.8 | 9.5 | -2.2 | 2 | 15 | 0 | 0 | 7 | 0 | 0 | 1 | 0 | 0 | |
| Vellore | 29.4 | +0.1 | 33.1 | 24 | 21.5 | +0.8 | 15.7 | 04 | 149.4 | 458.3 | +274.7 | 157.6 | 10 | 11 | + 2.8 | 9.0 | 6.4 | +1.0 | 0 | 12 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | |
| Tambaram (Aerodrome) | 30.5 | .. | 33.5 | 23 | 23.2 | .. | 21.6 | 21 | 229.6 | 563.2 | .. | 166.1 | 10 | 12 | .. | .. | .. | .. | 0 | 14 | 0 | 0 | 6 | 0 | 0 | 2 | 0 | 0 | |
| Tiruppattur | 30.3 | +1.4 | 32.1 | 28 | 20.7 | +1.3 | 18.3 | 03 | 137.3 | 472.8 | +368.3 | 167.3 | 04 | 5 | - 0.2 | 2.6 | 3.8 | +0.3 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mettur Dam R.S. | 30.3 | .. | 33.4 | 03 | 21.9 | .. | 16.9 | 22 | 13.4 | 137.4 | .. | 41.0 | 04 | 9 | .. | .. | .. | .. | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Cuddalore | 30.1 | +1.1 | 33.3 | 23 | 23.4 | +0.6 | 21.0 | 03 | 192.4 | 540.4 | +156.3 | 121.9 | 10 | 13 | + 1.5 | 10.9 | 10.5 | +1.5 | 0 | 14 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Kallakkurichchi | 29.8 | -0.1 | 31.9 | 30 | 22.9 | +0.5 | 20.2 | 22 | 109.6 | 288.0 | +135.6 | 83.8 | 10 | 9 | + 1.9 | 7.2 | 5.0 | .. | 1 | 13 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | |
| Salem | 30.2 | -0.3 | 32.9 | 03 | 22.2 | +1.0 | 18.0 | 22 | 41.1 | 173.8 | + 78.5 | 58.6 | 04 | 8 | + 1.8 | 6.1 | 6.4 | -0.1 | 0 | 13 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | |
| Coimbatore (Pilamedu) | 29.6 | +0.6 | 31.3 | 03 | 21.3 | +0.6 | 18.1 | 23 | 24.9 | 62.7 | - 51.2 | 26.0 | 11 | 4 | - 2.8 | 11.6 | 9.9 | +0.4 | 3 | 4 | 0 | 0 | 4 | 4 | 0 | 0 | 0 | 0 | |
| Coimbatore | 30.2 | +0.9 | 32.2 | 03 | 21.4 | +0.3 | 18.8 | 23 | .. | 73.4 | - 39.6 | 24.3 | 10 | 4 | - 2.9 | . | 5.3 | -0.1 | 0 | 8 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| Nagapattinam | 30.5 | +1.6 | 34.2 | 23 | 24.8 | +0.9 | 22.3 | 03 | 58.4 | 146.4 | -303.9 | 49.8 | 10 | 9 | - 3.8 | 13.7 | 12.2 | -1.1 | 0 | 13 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | |
| Tiruchchirappalli | 30.7 | +0.8 | 32.9 | 24 | 23.3 | +0.6 | 20.8 | 23 | 89.0 | 137.6 | - 18.4 | 84.8 | 10 | 6 | - 2.5 | 11.9 | 9.1 | +0.6 | 1 | 9 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | |
| Vedaranniyam | 31.5 | .. | 33.2 | 22 | 24.3 | .. | 23.0 | 25 | 36.7 | 143.7 | .. | 59.0 | 09 | 4 | .. | 6.2 | 4.1 | .. | 0 | 7 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Atirampattinam | 31.2 | .. | 33.8 | 22 | 24.6 | .. | 22.8 | 04 | 42.2 | 138.6 | .. | 43.2 | 12 | 7 | .. | 11.6 | 9.1 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Madurai | 31.6 | +1.0 | 33.3 | 22 | 24.0 | +1.0 | 22.0 | 10 | .. | 161.4 | + 11.0 | 72.6 | 10 | 8 | 0.0 | . | 5.6 | +0.4 | 0 | 10 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | |
| Madurai Aerodrome | 30.9 | +1.1 | 32.9 | 21 | 22.9 | +0.4 | 21.4 | 10 | 55.3 | 184.7 | + 19.9 | 103.3 | 10 | 8 | + 0.7 | 7.5 | 5.4 | -4.6 | 1 | 11 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | |
| Tondi | 30.8 | +1.1 | 34.0 | 04 | 24.6 | +1.3 | 22.3 | 10 | 47.6 | 104.4 | -115.1 | 45.8 | 10 | 7 | - 4.4 | 13.3 | 12.2 | +0.6 | 0 | 12 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | |
| Pamban | 30.3 | +1.0 | 31.8 | 23 | 25.1 | +0.4 | 19.8 | 10 | 4.2 | 81.8 | -219.2 | 56.0 | 10 | 3 | - 9.8 | 12.4 | 12.4 | -2.5 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| Tuticorin | 31.3 | +2.2 | 34.7 | 22 | 23.4 | -0.4 | 20.7 | 10 | 57.0 | 197.5 | + 3.6 | 155.9 | 10 | 5 | - 4.3 | 14.7 | 11.4 | -2.4 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Palayankottai | 32.7 | +2.0 | 34.2 | 23 | 22.9 | -0.7 | 21.0 | 10 | 68.2 | 136.4 | - 46.7 | 69.0 | 10 | 4 | - 5.5 | 3.5 | 5.1 | -1.8 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Kanniyakumari | 31.1 | .. | 33.0 | 26 | 24.3 | .. | 22.6 | 10 | 53.0 | 201.8 | .. | 78.6 | 08 | 8 | .. | 11.4 | 9.9 | .. | 0 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| **COASTAL MYSORE** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | .. | .. | .. | .. | 22.1 | +1.2 | 17.7 | 23 | 126.9 | 396.9 | +343.2 | 104.5 | 13 | 4 | + 1.2 | 5.7 | 3.8 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Honavar | 30.8 | -1.7 | 35.8 | 03 | 22.3 | +0.4 | 18.6 | 22 | 160.4 | 543.7 | +487.6 | 331.7 | 30 | 6 | + 2.9 | .. | .. | .. | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Mangalore (Bajpe) | 30.6 | -1.2 | 34.5 | 03 | 22.4 | +0.1 | 18.2 | 23 | 37.2 | 152.1 | + 84.3 | 39.5 | 07 | 7 | + 2.7 | 9.6 | 6.8 | +0.6 | 1 | 8 | 0 | 0 | 8 | 3 | 0 | 0 | 0 | 0 | |
| Mangalore | 30.0 | -1.1 | 34.6 | 03 | 23.4 | +0.2 | 19.8 | 23 | 66.6 | 192.1 | +112.3 | 50.9 | 12 | 6 | + 1.2 | 11.4 | 9.4 | +2.2 | 0 | 9 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | |
| **INTERIOR MYSORE, NORTH** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 28.0 | +0.1 | 30.1 | 02 | 19.4 | +1.4 | 15.5 | 22 | 2.5 | 35.7 | + 9.0 | 22.2 | 07 | 3 | + 1.4 | 11.5 | 7.0 | -2.3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Gulbarga | 30.7 | +0.3 | 33.4 | 03 | 20.4 | +2.9 | 17.0 | 22 | 24.2 | 55.6 | + 23.1 | 30.2 | 17 | 4 | + 2.2 | 16.2 | 12.4 | +1.1 | 0 | 6 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| Bijapur | 30.5 | +0.8 | 33.4 | 03 | 20.3 | +2.9 | 16.8 | 22 | 7.2 | 35.6 | + 4.9 | 9.8 | 12 | 4 | + 2.1 | 8.2 | 5.6 | +1.6 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Raichur (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Belgaum | 28.7 | -0.6 | 32.7 | 04 | 18.0 | +0.9 | 12.3 | 22 | 37.8 | 178.6 | +138.0 | 53.4 | 12 | 6 | + 3.2 | 10.9 | 7.2 | +0.4 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Belgaum (Samra) | 27.6 | -0.6 | 31.2 | 03 | 18.1 | +1.2 | 11.6 | 22 | 46.4 | 157.4 | +118.7 | 41.6 | 12 | 7 | + 5.0 | 12.1 | 7.5 | -3.3 | 1 | 7 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder Lead | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| INTERIOR MYSORE, NORTH (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gadag | 29.3 | -0.5 | 32.4 | 03 | 19.3 | +0.9 | 15.1 | 23 | 34.7 | 147.2 | +103.0 | 45.7 | 30 | 5 | + 2.1 | 9.7 | 7.6 | +0.6 | 1 | 7 | 0 | 0 | 2 | 0 | 2 | 0 | 0 | 0 |
| INTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 30.1 | +0.2 | 33.0 | 27 | 21.3 | +1.7 | 19.4 | 27 | 35.0 | 225.0 | +175.0 | 140.0 | 30 | 6 | + 2.9 | 6.8 | 5.4 | +1.0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chitradurga | 27.7 | -0.7 | 31.0 | 16 | 19.5 | +1.1 | 16.1 | 22 | 32.6 | 134.2 | + 75.0 | 66.0 | 29 | 6 | + 2.5 | 8.4 | 6.6 | +0.4 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shimoga | 29.1 | 0.0 | 31.6 | 27 | 17.5 | +0.2 | 13.7 | 21 | 32.4 | 86.8 | + 37.2 | 44.8 | 29 | 7 | + 3.7 | 6.6 | 4.1 | -0.1 | 0 | 8 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Agumbe | 26.8 | .. | 29.0 | 03 | 17.2 | .. | 10.8 | 23 | .. | 56.0 | .. | 25.0 | 30 | 6 | .. | . | 5.3 | .. | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Balehonnur | 26.5 | +0.3 | 29.8 | 08 | 19.3 | +2.9 | 14.8 | 23 | .. | 62.4 | - 5.2 | 13.1 | 11 | 6 | + 1.5 | .. | .. | .. | 0 | 10 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |
| Hassan | 26.4 | -0.6 | 28.7 | 24 | 17.0 | +0.1 | 12.9 | 22 | 13.2 | 52.9 | - 23.8 | 15.6 | 29 | 6 | + 1.2 | 2.9 | 5.1 | -0.4 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bangalore | 26.0 | -0.3 | 29.0 | 16 | 18.4 | +1.2 | 14.4 | 22 | 110.2 | 235.7 | +174.5 | 94.0 | 29 | 6 | + 1.6 | 8.9 | 6.8 | -1.7 | 0 | 10 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 0 |
| Bangalore Aerodrome | 25.5 | -2.0 | 27.7 | 03 | 17.9 | +0.5 | 15.0 | 09 | 97.1 | 243.2 | +188.1 | 74.0 | 29 | 6 | + 2.2 | .. | .. | .. | 1 | 12 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 |
| Mysore | 26.3 | -1.1 | 29.0 | 03 | 19.2 | +0.9 | 15.1 | 22 | 20.0 | 136.4 | + 64.8 | 31.0 | 04 | 7 | + 2.4 | 12.0 | 8.6 | -0.7 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| KERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 30.4 | -0.7 | 33.0 | 06 | 23.7 | +0.3 | 20.6 | 23 | 77.4 | 176.9 | + 20.2 | 51.0 | 11 | 6 | - 0.8 | 7.6 | 6.0 | -2.1 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Palghat | 31.6 | -0.2 | 34.4 | 03 | 23.2 | +0.2 | 21.2 | 25 | 38.0 | 113.0 | + 4.5 | 41.4 | 11 | 8 | + 1.7 | 6.9 | 4.5 | -3.1 | 0 | 10 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Fort Cochin | 29.7 | -0.1 | 31.4 | 08 | 23.8 | -0.3 | 22.3 | 11 | 114.7 | 475.9 | +289.0 | 154.1 | 11 | 11 | + 2.2 | 12.3 | 9.1 | +2.4 | 0 | 12 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Cochin (Naval Air Station) | 30.3 | .. | 32.3 | 02 | 23.7 | .. | 22.6 | 23 | 152.7 | 355.9 | .. | 124.1 | 11 | 9 | .. | 11.5 | 9.3 | .. | 1 | 10 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Alleppey | 30.5 | +0.2 | 32.5 | 14 | 24.0 | +0.3 | 22.4 | 12 | 63.4 | 434.2 | +205.5 | 177.8 | 10 | 8 | - 3.0 | 15.1 | 11.6 | +2.5 | 0 | 11 | 0 | 0 | 9 | 0 | 0 | 1 | 0 | 0 |
| Punalur | 32.7 | +1.2 | 34.6 | 08 | 22.1 | +0.1 | 20.8 | 07 | 88.2 | 242.2 | - 49.1 | 72.4 | 10 | 10 | 0.0 | 2.0 | 1.4 | -1.9 | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum | 30.4 | +0.3 | 31.7 | 02 | 23.5 | +0.4 | 22.2 | 10 | 65.2 | 177.2 | - 28.3 | 63.4 | 10 | 10 | - 0.3 | 9.0 | 6.4 | +0.9 | 0 | 13 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| Trivandrum Aerodrome | 30.4 | +0.3 | 31.3 | 02 | 23.6 | +0.4 | 21.9 | 04 | .. | 194.7 | + 54.1 | 87.0 | 10 | 6 | - 2.6 | . | 8.2 | +2.9 | 0 | 9 | 0 | 0 | 10 | 0 | 0 | 0 | 0 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 30.2 | -1.0 | 31.6 | 04 | 24.6 | -0.1 | 21.6 | 24 | 69.7 | 157.4 | + 71.8 | 76.3 | 12 | 5 | 0.0 | 16.6 | 13.2 | +7.6 | 0 | 9 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 |
| Agatti | 30.1 | .. | 31.2 | 29 | 25.9 | .. | 24.1 | 05 | 81.9 | 220.7 | .. | 94.5 | 12 | 6 | .. | 10.4 | 8.9 | .. | 1 | 8 | 0 | 0 | 5 | 0 | 0 | 0 | 0 | 0 |
| Androth | 30.7 | .. | 32.3 | 07 | 24.8 | .. | 22.4 | 25 | 96.3 | 192.1 | .. | 54.6 | 03 | 5 | .. | 5.8 | 4.7 | .. | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minicoy | 30.5 | +1.3 | 32.0 | 01 | 24.3 | +0.7 | 21.2 | 25 | 19.9 | 62.0 | - 81.3 | 13.6 | 02 | 8 | - 0.1 | 9.6 | 7.2 | +0.2 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 19.5 | +1.0 | 22.7 | 17 | 6.8 | -1.0 | 3.1 | 30 | 0.0 | 30.4 | + 11.9 | 30.4 | 19 | 1 | + 0.2 | .. | .. | .. | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |
| Dharmsala | 21.1 | +0.4 | 24.9 | 01 | 9.8 | -1.6 | 4.8 | 30 | 0.2 | 2.0 | - 13.0 | 1.6 | 18 | 0 | - 0.8 | 4.5 | 3.6 | -0.1 | 2 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Bhuntar | 21.7 | .. | 24.6 | 10 | 3.7 | .. | 0.0 | 30 | 5.2 | 13.8 | .. | 4.9 | 19 | 3 | .. | 11.1 | 4.5 | .. | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Simla | 14.4 | -0.6 | 19.0 | 11 | 6.8 | -0.5 | 3.3 | 13 | 4.0 | 4.0 | - 6.2 | 4.0 | 13 | 1 | + 0.1 | 1.7 | 1.3 | -1.8 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dharmpur | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | - 10.8 | 0.0 | .. | 0 | - 0.7 | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ghangaria (Kanjalia Tok) | 11.4 | .. | 15.2 | 07 | 0.4 | .. | - 2.4 | 30 | 0.0 | 13.4 | .. | 13.2 | 13 | 1 | .. | .. | .. | .. | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Badrinath | Functioning only from May to October . | | | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Joshimath | 17.3 | +0.8 | 23.2 | 12 | 5.4 | -0.6 | 2.2 | 30 | 0.0 | 23.0 | - 4.4 | 18.0 | 19 | 2 | 0.0 | 6.1 | 5.6 | -0.5 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Mussoorie | 15.9 | +0.1 | 21.8 | 01 | 7.1 | -0.3 | 2.7 | 12 | 3.0 | 18.0 | + 8.7 | 15.0 | 12 | 2 | + 1.3 | 11.4 | 8.0 | +1.7 | 0 | 2 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |
| Mukteswar (Kumaun) | 15.9 | +0.1 | 19.1 | 10 | 6.2 | -0.4 | 3.3 | 29 | 8.4 | 11.4 | + 2.5 | 5.8 | 12 | 2 | + 1.4 | 9.8 | 11.4 | +1.1 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nainital | 15.2 | -0.5 | 19.6 | 03 | 5.6 | 0.0 | 0.5 | 29 | 1.0 | 4.0 | - 3.4 | 3.0 | 12 | 1 | + 0.5 | 8.3 | 6.6 | -0.5 | 0 | 2 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Kalimpong | 21.0 | +1.0 | 22.9 | 03 | 11.9 | +0.3 | 10.0 | 30 | 2.8 | 2.8 | - 12.7 | 2.0 | 17 | 0 | - 1.1 | 11.3 | 9.3 | +0.6 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Darjeeling | 15.9 | +0.6 | 19.3 | 24 | 7.1 | -0.3 | 3.2 | 30 | 9.2 | 9.2 | - 10.4 | 6.6 | 16 | 1 | - 0.2 | 1.9 | 1.3 | 0.0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Kohima | 20.5 | +1.6 | 23.1 | 03 | .. | .. | .. | .. | 11.2 | 43.2 | + 4.2 | 20.8 | 23 | 3 | + 0.8 | . | 1.8 | -1.1 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shillong (C.S.O.) (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Cherrapunji | 21.7 | +2.0 | 23.2 | 10 | 12.5 | +0.6 | 11.0 | 11 | 14.8 | 92.1 | + 27.8 | 60.4 | 23 | 3 | + 1.2 | 4.6 | 4.8 | -0.5 | 0 | 4 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| Abu | 25.2 | +1.1 | 29.5 | 02 | 13.4 | -0.1 | 9.2 | 24 | 0.0 | 0.0 | - 4.3 | 0.0 | .. | 0 | - 0.4 | 11.2 | 6.8 | +3.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aijal (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Pachmarhi | 24.5 | +0.4 | 28.0 | 11 | 13.4 | +3.8 | 10.4 | 07 | 8.8 | 29.8 | + 1.6 | 21.0 | 15 | 2 | + 0.5 | 4.4 | 3.2 | +0.4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mahabaleshwar | 23.7 | -0.3 | 26.5 | 03 | 15.3 | +0.4 | 10.8 | 23 | 21.3 | 76.3 | + 29.8 | 52.4 | 14 | 4 | + 1.4 | 13.1 | 12.7 | +2.4 | 1 | 4 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| Mercara | 23.3 | -0.3 | 25.9 | 24 | 15.6 | -0.5 | 11.4 | 22 | 69.8 | 222.2 | +140.9 | 50.6 | 11 | 14 | + 8.5 | 11.0 | 9.2 | -0.8 | 0 | 15 | 0 | 0 | 3 | 0 | 0 | 1 | 0 | 0 |
| Ootacamund | 18.4 | -0.5 | 22.3 | 01 | 8.3 | 0.0 | 4.0 | 22 | 69.6 | 272.0 | +114.3 | 79.6 | 10 | 8 | - 2.2 | 10.6 | 6.3 | +3.3 | 0 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Coonoor | 19.9 | +0.6 | 21.6 | 25 | 11.6 | -0.1 | 6.7 | 23 | .. | 524.2 | +225.1 | 199.6 | 11 | 13 | + 1.3 | .. | .. | .. | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kodaikanal | 17.1 | +1.0 | 19.8 | 11 | 9.8 | 0.0 | 7.5 | 22 | 86.2 | 251.8 | - 1.7 | 123.8 | 10 | 11 | - 1.6 | 13.1 | 13.7 | +1.6 | 0 | 20 | 0 | 0 | 7 | 0 | 9 | 0 | 0 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 23.9 | +1.2 | 27.1 | 25 | 7.2 | -0.2 | 1.5 | 30 | 0.0 | 1.2 | - 4.9 | 1.2 | 15 | 0 | - 0.5 | 1.3 | 0.3 | -0.9 | 0 | 1 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 11.5 | +1.0 | 15.4 | 24 | .. | .. | .. | .. | .. | 26.6 | + 6.9 | 22.2 | 27 | 1 | - 1.3 | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 28.1 | .. | 32.2 | 01 | 16.0 | .. | 11.4 | 05 | 13.2 | 20.2 | .. | 16.0 | 17 | 2 | .. | 7.5 | 3.9 | .. | 2 | 3 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Hazaribagh | 26.7 | .. | 30.4 | 13 | 14.7 | .. | 10.5 | 11 | 2.7 | 23.1 | .. | 12.2 | 17 | 3 | .. | 5.3 | 3.0 | .. | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Konar | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 22.5 | .. | 8.5 | 23 | 3 | .. | 7.9 | 6.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bokaro | 30.6 | .. | 34.4 | 01 | 12.7 | .. | 6.9 | 11 | 6.3 | 15.6 | .. | 9.6 | 22 | 2 | .. | .. | .. | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maithon | 30.7 | .. | 33.9 | 05 | 15.6 | .. | 11.0 | 11 | 3.3 | 23.6 | .. | 15.5 | 22 | 2 | .. | 1.3 | 1.1 | .. | 0 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 |

TABLE II - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Air temperature in °C | | | | | | | | Rainfall in millimetres | | | | | No. of rainy days (2.5 mm. or more) | | Wind speed km. per hour | | | Weather phenomena - No. of days with | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean maximum | Departure from normal | Highest | Date | Mean minimum | Departure from normal | Lowest | Date | Total fall during 0830 to 1730 hours | Total fall in 24 hours | Departure from normal | Heaviest fall in 24 hours | Date | Total in the month | Departure from normal | Mean between 0830 to 1730 hours | Mean 24 hours | Departure from normal | Precipitation 0.1 & 0.2 mm. | Precipitation 0.5 mm. or more | Snow or sleet | Hail | Thunder heard | Fog | Dust-storm | Gale | Squall | Line Squall |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 a | 20 b | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgarh | 32.1 | .. | 37.0 | 21 | 12.6 | .. | 8.0 | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | . |
| Panchet Hills | 30.1 | .. | 33.0 | 01 | 17.8 | .. | 13.4 | 29 | 3.1 | 12.5 | .. | 6.8 | 23 | 2 | .. | 5.2 | 2.9 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Durgapur | 29.4 | .. | 31.8 | 13 | 17.3 | .. | 13.2 | 11 | 1.4 | 15.8 | .. | 10.6 | 22 | 2 | .. | 7.4 | 6.5 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 29.9 | .. | 32.5 | 01 | 14.5 | .. | 10.9 | 07 | .. | 1.4 | .. | 0.8 | 26 | 0 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hirakud | 31.5 | .. | 34.0 | 02 | 20.9 | .. | 17.1 | 11 | 4.7 | 6.7 | .. | 4.3 | 23 | 1 | .. | 3.3 | 2.3 | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bhimkund | 29.4 | .. | 32.1 | 15 | 17.9 | .. | 14.1 | 09 | 13.5 | 27.0 | .. | 20.0 | 22 | 2 | .. | .. | .. | .. | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Sonepur | 31.0 | .. | 33.5 | 15 | 21.3 | .. | 16.9 | 11 | .. | 11.6 | .. | 8.5 | 22 | 2 | .. | . | 1.5 | .. | 0 | 3 | .. | .. | .. | .. | .. | . | .. | . |
| Khijrawan | 30.2 | .. | 32.7 | 15 | 18.7 | .. | 13.6 | 21 | 0.0 | 28.0 | .. | 18.0 | 26 | 3 | .. | 7.9 | 5.1 | .. | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 30.1 | .. | 34.2 | 02 | 14.1 | .. | 9.3 | 22 | 1.2 | 19.8 | .. | 10.2 | 14 | 2 | .. | 7.1[b] | 5.4[c] | .. | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Punasa | 31.1 | .. | 35.2 | 02 | 17.6 | .. | 11.6 | 23 | 0.0 | 28.0 | .. | 24.0 | 14 | 2 | .. | 6.8 | 4.9 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Thikri | 33.8 | .. | 37.1 | 02 | 23.2 | .. | 17.1 | 24 | .. | 23.8 | .. | 16.4 | 14 | 2 | .. | .. | .. | .. | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 34.1 | .. | 37.2 | 02 | 14.7 | .. | 9.8 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 16.1 | .. | 18.4 | 25 | 1.5 | .. | - 2.5 | 23 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Khudi Bazar | 24.3 | .. | 26.3 | 25 | 11.5 | .. | 7.9 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| Timure | 21.8 | .. | 24.3 | 27 | 7.6j | .. | 4.6 | 29 | 0.0 | 1.9 | .. | 1.9 | 15 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Pokhara | 23.8 | .. | 25.4 | 04 | 12.2 | .. | 9.0 | 30 | 0.0 | 3.4 | .. | 3.4 | 12 | 1 | .. | 1.9 | 1.6 | .. | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Gorkha | 22.7 | .. | 23.9 | 03 | 12.8 | .. | 9.4 | 30 | 0.1 | 0.2 | .. | 0.1 | 16 | 0 | .. | .. | .. | .. | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nuwakot | .. | .. | .. | .. | .. | .. | .. | .. | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 21.4 | .. | 23.2 | 01 | 10.4 | .. | 9.1 | 11 | 0.0 | 15.2 | .. | 14.2 | 12 | 1 | .. | .. | .. | .. | 0 | 2 | .. | .. | .. | .. | .. | . | .. | . |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | Temporarily closed from 26.5.1966 | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Sallyana | 22.1 | .. | 25.0 | 26 | 11.1 | .. | 7.6 | 30 | 0.0 | 1.7 | .. | 1.7 | 12 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Butwal | 28.3 | .. | 30.4 | 23 | 17.4 | .. | 13.4 | 27 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | . Data included under Nepal. | | | | | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Walungchung Gola | 10.5 | .. | 14.6 | 24 | - 6.7 | .. | -10.7 | 30 | 4.0 | 4.0 | .. | 4.0 | 16 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Taplethok | 23.9 | .. | 25.8 | 23 | 11.3 | .. | 8.0 | 29 | 1.4 | 1.4 | .. | 1.4 | 16 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Bhojpur | 18.6 | .. | 21.4 | 01 | 11.3 | .. | 8.3 | 30 | 3.6 | 3.6 | .. | 3.6 | 16 | 1 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Taplejung | 18.5 | .. | 21.4 | 22 | 9.0 | .. | 5.8 | 29 | 4.6 | 4.6 | .. | 4.5 | 16 | 1 | .. | .. | .. | .. | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Okhaldhunga | .. | .. | .. | .. | 9.4 | .. | 5.3 | 30 | 0.8 | 0.8 | .. | 0.8 | 18 | 0 | .. | .. | .. | .. | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Chainpur | 22.0 | .. | 23.7 | 02 | 13.4 | .. | 12.1 | 16 | 0.0 | 2.4 | .. | 2.4 | 17 | 0 | .. | .. | .. | .. | 0 | 1 | .. | .. | .. | .. | .. | . | .. | . |
| Angbung (R) | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | . |
| Barahakshetra | 27.2 | .. | 29.9 | 03 | 16.6 | .. | 13.2 | 30 | 4.7 | 4.7 | .. | 4.0 | 16 | 1 | .. | 4.8 | 4.3 | .. | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 19.5 | .. | 22.6 | 24 | 9.2 | .. | 7.5 | 29 | 3.4 | 3.5 | .. | 3.5 | 16 | 1 | .. | 3.9 | 3.3 | .. | 0 | 1 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 |
| Gezing | 21.9 | .. | 24.1 | 10 | 10.1 | .. | 8.3 | 30 | 0.0 | 0.0 | .. | 0.0 | .. | 0 | .. | .. | .. | .. | 0 | 0 | .. | .. | .. | .. | .. | . | .. | . |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level at ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **BAY ISLANDS** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Maya Bandar | 0830 | 28 | 1011.2 | 1008.1 | -1.3 | 27.9 | 25.2 | 23.9 | 29.7 | 80 | + 3 | 4.4 | -0.1 | 9.5 | 0 | 6 | 20 | 00 | 12 | 9 | 4 | 0 | 0 | 1 | 0 | 4 | 0 |
| | 1730 | 28 | 1008.5 | 1005.4 | -1.6 | 27.0 | 24.7 | 23.7 | 29.3 | 81 | - 1 | 4.8 | +0.1 | 11.5 | 0 | 6 | 23 | 00 | 16 | 9 | 3 | 0 | 0 | 1 | 0 | 1 | 0 |
| Long Island | 0830 | 25 | 1011.4 | 1008.6 | -0.9 | 28.1 | 25.4 | 24.3 | 30.4 | 80 | - 1 | 5.3 | +0.5 | 1.5 | 0 | 0 | 11 | 00 | 1 | 6 | 4 | 0 | 0 | 0 | 0 | 19 | 0 |
| | 1730 | 25 | 1008.8 | 1006.0 | -1.1 | 26.3 | 24.5 | 23.7 | 29.3 | 85 | - 1 | 5.2 | +0.4 | 0.5 | 0 | 0 | 3 | 00 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 27 | 0 |
| Port Blair | 0530 | 79 | 1009.5 | 1000.5 | .. | 24.9 | 23.8 | 23.3 | 28.6 | 91 | .. | 5.2 | .. | 8.5 | 0 | 4 | 16 | 01 | 8 | 6 | 1 | 2 | 0 | 1 | 1 | 10 | 0 |
| | 0830 | 79 | 1011.3 | 1002.4 | -0.8 | 28.0 | 25.4 | 24.3 | 30.4 | 81 | + 5 | 5.6 | +0.3 | 11.6 | 0 | 3 | 24 | 03 | 12 | 7 | 1 | 1 | 0 | 1 | 2 | 3 | 0 |
| | 1130 | 79 | 1009.5 | 1000.7 | .. | 28.6 | 25.9 | 24.7 | 31.1 | 79 | .. | 5.6 | .. | 13.4 | 0 | 5 | 25 | 02 | 16 | 5 | 5 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 1430 | 79 | 1007.6 | 998.8 | .. | 28.3 | 25.4 | 24.1 | 30.0 | 79 | .. | 6.0 | .. | 12.0 | 0 | 5 | 24 | 00 | 15 | 9 | 2 | 2 | 1 | 0 | 0 | 1 | 0 |
| | 1730 | 79 | 1008.8 | 999.9 | -0.6 | 26.4 | 24.5 | 23.7 | 29.3 | 85 | + 0 | 6.1 | +0.4 | 9.5 | 0 | 4 | 19 | 00 | 10 | 8 | 2 | 0 | 0 | 1 | 2 | 7 | 0 |
| | 2030 | 79 | 1010.8 | 1001.8 | .. | 25.8 | 24.2 | 23.5 | 28.9 | 87 | .. | 4.1 | .. | 6.9 | 0 | 2 | 20 | 01 | 8 | 7 | 3 | 1 | 0 | 2 | 0 | 8 | 0 |
| | 2330 | 79 | 1010.1 | 1001.2 | .. | 25.5 | 24.1 | 23.5 | 28.9 | 89 | .. | 5.1 | .. | 8.4 | 0 | 4 | 16 | 01 | 8 | 7 | 1 | 1 | 1 | 0 | 1 | 10 | 0 |
| Car Nicobar | 0830 | 10 | 1010.4 | 1009.2 | -1.2 | 27.5 | 24.9 | 23.7 | 29.3 | 81 | + 2 | 5.7 | +0.5 | 1.3 | 0 | 0 | 14 | 00 | 10 | 1 | 0 | 0 | 2 | 1 | 0 | 16 | 0 |
| | 1730 | 10 | 1008.1 | 1007.0 | -1.1 | 26.0 | 24.5 | 23.9 | 29.7 | 87 | + 0 | 5.8 | +0.4 | 0.7 | 0 | 0 | 8 | 00 | 4 | 0 | 0 | 0 | 2 | 2 | 0 | 22 | 0 |
| Nancowry | 0830 | 26 | 1010.9 | 1008.0 | -1.0 | 27.4 | 25.4 | 24.5 | 30.7 | 85 | + 2 | 5.4 | -0.2 | 2.8 | 0 | 0 | 20 | 01 | 0 | 1 | 10 | 3 | 3 | 1 | 1 | 10 | 0 |
| | 1730 | 26 | 1008.5 | 1005.6 | -0.9 | 26.4 | 24.7 | 23.9 | 29.7 | 87 | + 0 | 5.3 | +0.2 | 1.1 | 0 | 0 | 5 | 00 | 0 | 0 | 1 | 1 | 0 | 2 | 1 | 25 | 0 |
| Kondul | 0830 | 8 | .. | 1010.6 | -0.3 | 27.1 | 25.0 | 24.1 | 30.0 | 84 | + 0 | 5.2 | -0.1 | 3.0 | 0 | 0 | 20 | 03 | 5 | 11 | 1 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1730 | 8 | .. | 1008.0 | -0.5 | 25.9 | 24.4 | 23.7 | 29.3 | 87 | - 2 | 5.0 | -0.7 | 2.0 | 0 | 0 | 12 | 01 | 7 | 2 | 0 | 1 | 0 | 0 | 1 | 18 | 0 |
| **NORTH ASSAM (INCLUDING NEFA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pasighat | 0830 | 157 | 1015.4 | 997.3 | -1.6 | 21.1 | 18.2 | 16.3 | 18.5 | 75 | + 9 | 5.5 | +2.2 | 16.3 | 0 | 14 | 15 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0 |
| | 1730 | 157 | 1011.4 | 993.4 | -2.0 | 22.1 | 19.6 | 18.1 | 20.8 | 78 | - 5 | 5.4 | +2.4 | 6.0 | 0 | 2 | 16 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 12 | 0 |
| Dibrugarh (Mohanbari) | 0230 | 111 | 1012.8 | 999.9 | .. | 17.7 | 17.1 | 16.7 | 19.0 | 94 | .. | 4.1 | .. | 1.3 | 0 | 0 | 7 | 01 | 3 | 2 | 0 | 0 | 1 | 0 | 0 | 23 | 0 |
| | 0530 | 111 | 1013.8 | 1000.8 | .. | 17.0 | 16.6 | 16.3 | 18.5 | 96 | .. | 5.0 | .. | 0.5 | 0 | 0 | 3 | 00 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 111 | 1015.5 | 1002.7 | -1.0 | 21.9 | 19.4 | 17.9 | 20.5 | 79 | + 2 | 4.7 | +1.6 | 5.0 | 0 | 0 | 27 | 02 | 18 | 4 | 0 | 2 | 0 | 0 | 1 | 3 | 0 |
| | 1130 | 111 | 1013.2 | 1000.6 | .. | 25.6 | 20.4 | 17.3 | 19.7 | 61 | .. | 4.6 | .. | 6.3 | 0 | 0 | 30 | 08 | 13 | 4 | 0 | 2 | 1 | 0 | 2 | 0 | 0 |
| | 1430 | 111 | 1010.8 | 998.2 | .. | 26.5 | 20.9 | 17.6 | 20.1 | 59 | .. | 4.1 | .. | 4.6 | 0 | 1 | 23 | 04 | 12 | 2 | 0 | 1 | 1 | 2 | 2 | 6 | 0 |
| | 1730 | 111 | 1011.5 | 998.8 | -1.1 | 21.9 | 19.9 | 18.7 | 21.6 | 83 | - 1 | 3.5 | +0.8 | 0.5 | 0 | 0 | 3 | 01 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 27 | 0 |
| | 2030 | 111 | 1013.2 | 1000.3 | .. | 19.6 | 18.5 | 17.8 | 20.4 | 90 | .. | 3.8 | .. | 0.5 | 0 | 0 | 4 | 01 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 26 | 0 |
| | 2330 | 111 | 1013.2 | 1000.3 | .. | 18.5 | 17.9 | 17.5 | 20.0 | 94 | .. | 4.4 | .. | 0.7 | 0 | 0 | 4 | 01 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 26 | 0 |
| Digboi | 0830 | 152 | 1015.1 | 997.6 | -2.0 | 21.6 | 19.9 | 18.9 | 21.8 | 85 | + 1 | 3.0 | -1.0 | 3.9 | 0 | 0 | 28 | 05 | 3 | 3 | 1 | 1 | 2 | 10 | 3 | 2 | 0 |
| | 1730 | 152 | 1011.9 | 994.4 | -1.4 | 22.0 | 20.2 | 19.2 | 22.2 | 84 | + 9 | 2.7 | -1.4 | 1.3 | 0 | 0 | 8 | 02 | 1 | 0 | 0 | 0 | 0 | 4 | 1 | 22 | 0 |
| North Lakhimpur | 0830 | 102 | 1015.3 | 1003.6 | -1.2 | 22.5 | 19.6 | 17.9 | 20.5 | 75 | - 1 | 3.8 | +1.1 | 1.7 | 0 | 0 | 24 | 03 | 9 | 5 | 3 | 2 | 0 | 0 | 2 | 6 | 0 |
| | 1130 | 102 | 1013.4 | 1001.8 | .. | 25.8 | 20.5 | 17.4 | 19.9 | 61 | .. | 4.1 | .. | 5.4 | 0 | 0 | 30 | 02 | 7 | 15 | 3 | 2 | 0 | 1 | 0 | 0 | 0 |
| | 1430 | 102 | 1011.0 | 999.4 | .. | 26.5 | 20.9 | 17.6 | 20.1 | 59 | .. | 4.2 | .. | 4.1 | 0 | 0 | 28 | 02 | 6 | 4 | 7 | 3 | 6 | 0 | 0 | 2 | 0 |
| | 1730 | 102 | 1011.6 | 999.9 | -1.0 | 22.1 | 20.1 | 19.0 | 22.0 | 83 | - 2 | 3.0 | +0.2 | 1.6 | 0 | 0 | 14 | 04 | 5 | 0 | 3 | 0 | 0 | 0 | 2 | 16 | 0 |
| | 2030 | 102 | 1013.1 | 1001.3 | .. | 19.6 | 18.7 | 18.1 | 20.8 | 91 | .. | 3.0 | .. | 1.0 | 0 | 0 | 8 | 01 | 2 | 0 | 0 | 0 | 1 | 1 | 3 | 22 | 0 |
| Sibsagar | 0830 | 97 | 1015.1 | 1003.9 | -1.1 | 22.3 | 20.0 | 18.7 | 21.6 | 80 | - 7 | 4.2 | -1.2 | 1.8 | 0 | 0 | 21 | 08 | 6 | 1 | 0 | 5 | 1 | 0 | 0 | 9 | 0 |
| | 1730 | 97 | 1011.1 | 1000.1 | -0.9 | 24.7 | 21.3 | 19.4 | 22.5 | 74 | -10 | 3.6 | +0.4 | 0.8 | 0 | 0 | 10 | 09 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 0 |
| Gohpur | 0830 | 83 | 1015.3 | 1005.7 | .. | 21.5 | 20.0 | 19.1 | 22.1 | 87 | + 9 | 4.8 | .. | 2.1 | 0 | 0 | 22 | 01 | 9 | 0 | 9 | 0 | 1 | 0 | 2 | 8 | 0 |
| | 1730 | 83 | 1011.3 | 1001.8 | .. | 21.6 | 20.0 | 19.1 | 22.1 | 88 | +13 | 3.0 | .. | 2.3 | 0 | 0 | 25 | 00 | 16 | 2 | 3 | 1 | 1 | 0 | 2 | 5 | 0 |
| Majbat | 0830 | | .. | .. | .. | 21.8 | 19.1 | 17.5 | 20.0 | 77 | .. | 3.4 | +1.0 | 4.1 | 0 | 0 | 25 | 00 | 16 | 0 | 4 | 0 | 2 | 0 | 3 | 5 | 0 |
| | 1730 | | .. | .. | .. | 23.3 | 20.6 | 19.1 | 22.1 | 77 | .. | 3.3 | +1.0 | 0.9 | 0 | 0 | 8 | 00 | 5 | 0 | 0 | 0 | 2 | 0 | 1 | 22 | 0 |
| Jorhat Aerodrome | 0530 | 90 | 1013.0 | 1002.6 | .. | 17.9 | 17.8 | 17.7 | 20.2 | 99 | .. | 4.4 | .. | 0.7 | 0 | 0 | 2 | 01 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0830 | 90 | 1014.9 | 1004.6 | .. | 22.5 | 20.5 | 19.4 | 22.5 | 85 | .. | 5.0 | .. | 0.7 | 0 | 0 | 8 | 02 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 22 | 1 |
| | 1130 | 90 | 1012.9 | 1002.7 | .. | 26.1 | 22.3 | 20.1 | 23.5 | 71 | .. | 4.6 | .. | 7.0 | 0 | 0 | 22 | 00 | 14 | 1 | 1 | 0 | 0 | 0 | 4 | 8 | 2 |
| | 1730 | 90 | 1010.9 | 1000.6 | .. | 22.3 | 20.9 | 20.1 | 23.5 | 88 | .. | 3.7 | .. | 0.5 | 0 | 0 | 6 | 00 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 2330 | 90 | 1012.7 | 1002.2 | .. | 18.8 | 18.4 | 18.1 | 20.8 | 97 | .. | 2.7 | .. | 0.5 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Tangla | 0830 | 78 | 1014.3 | 1005.2 | -1.9 | 22.4 | 20.1 | 18.7 | 21.6 | 80 | + 5 | 2.0 | +0.4 | 0.8 | 0 | 0 | 11 | 00 | 0 | 0 | 8 | 0 | 3 | 0 | 0 | 19 | 0 |
| | 1730 | 78 | 1009.5 | 1000.6 | -2.7 | 23.9 | 22.0 | 21.1 | 25.0 | 84 | + 4 | 1.8 | +0.6 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 29 | 0 |
| Tezpur | 0830 | 79 | 1015.7 | 1006.5 | -0.8 | 21.4 | 19.4 | 18.2 | 20.9 | 82 | + 3 | 4.5 | +1.6 | 3.3 | 0 | 0 | 24 | 01 | 16 | 1 | 1 | 2 | 2 | 0 | 1 | 6 | 0 |
| | 1730 | 79 | 1011.4 | 1002.4 | -0.5 | 23.4 | 20.5 | 18.9 | 21.8 | 76 | - 3 | 2.8 | +1.3 | 0.6 | 0 | 0 | 8 | 04 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 22 | 0 |
| Golaghat | 0830 | 95 | 1014.5 | 1003.5 | -1.9 | 21.8 | 19.8 | 18.6 | 21.4 | 82 | + 1 | 3.6[b] | -0.8 | 0.0[b] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 1730 | 95 | 1010.1 | 999.3 | -2.3 | 26.6 | 21.6 | 18.8 | 21.7 | 62 | - 9 | 2.6[c] | -1.0 | 0.0[c] | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Rangia | 0830 | 60 | 1016.7 | 1009.9 | .. | 24.2 | 21.4 | 19.9 | 23.2 | 77 | + 2 | 2.6 | .. | 5.1 | 0 | 0 | 26 | 00 | 3 | 18 | 3 | 0 | 0 | 2 | 0 | 4 | 0 |
| | 1730 | 60 | 1012.4 | 1005.6 | .. | 24.4 | 21.9 | 20.5 | 24.1 | 79 | + 3 | 1.8 | .. | 0.4 | 0 | 0 | 4 | 00 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Chaparmukh | 0830 | 66 | 1015.4 | 1007.9 | -1.6 | 23.3 | 21.1 | 19.9 | 23.2 | 81 | + 2 | 4.0[d] | +1.6 | 2.9[d] | 0 | 0 | 27 | 00 | 2 | 7 | 13 | 1 | 1 | 1 | 2 | 0 | 0 |
| | 1730 | 66 | 1011.3 | 1003.8 | -1.3 | 25.4 | 22.1 | 20.3 | 23.8 | 75 | - 3 | 3.5[d] | +1.9 | 1.9[d] | 0 | 0 | 20 | 03 | 7 | 2 | 6 | 0 | 1 | 1 | 0 | 7 | 0 |
| Goalpara | 0830 | 38 | 1015.5 | 1011.1 | +0.1 | 21.9 | 20.4 | 19.5 | 22.7 | 87 | + 8 | 2.6 | +0.8 | 1.5 | 0 | 0 | 21 | 02 | 15 | 1 | 3 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1730 | 38 | 1011.4 | 1007.1 | -0.1 | 26.7 | 21.8 | 19.1 | 22.1 | 64 | - 5 | 2.2 | +1.6 | 0.5 | 0 | 0 | 6 | 00 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 24 |
| Gauhati (Bhorjor) | 0230 | 54 | 1012.1 | 1005.8 | .. | 19.3 | 18.7 | 18.3 | 21.0 | 94 | .. | 3.4 | .. | 1.4 | 0 | 0 | 7 | 01 | 2 | 0 | 0 | 3 | 1 | 0 | 0 | 23 | 0 |
| | 0530 | 54 | 1012.8 | 1006.5 | .. | 18.7 | 18.2 | 17.9 | 20.5 | 95 | .. | 4.3 | .. | 1.1 | 0 | 0 | 7 | 01 | 2 | 0 | 1 | 3 | 0 | 0 | 0 | 23 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of mean-rest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| NORTH ASSAM (INCLUDING NEFA) (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gauhati (Bhorjor) (Contd.) | 0830 | 54 | 1014.8 | 1008.6 | -1.4 | 22.5 | 20.4 | 19.2 | 22.2 | 81 | - 2 | 4.0 | +1.2 | 3.3 | 0 | 0 | 16 | 03 | 6 | 2 | 2 | 1 | 1 | 0 | 1 | 14 | 0 |
| | 1130 | 54 | 1012.8 | 1006.5 | .. | 26.1 | 21.5 | 18.9 | 21.8 | 65 | .. | 4.1 | .. | 6.3 | 0 | 1 | 24 | 12 | 7 | 2 | 0 | 0 | 0 | 3 | 1 | 5 | 0 |
| | 1430 | 54 | 1010.3 | 1004.2 | .. | 27.0 | 21.4 | 18.2 | 20.9 | 60 | .. | 4.2 | .. | 5.5 | 0 | 0 | 24 | 10 | 9 | 2 | 0 | 0 | 0 | 1 | 2 | 6 | 0 |
| | 1730 | 54 | 1010.9 | 1004.7 | -1.4 | 23.1 | 21.0 | 19.9 | 23.2 | 83 | - 2 | 4.0 | +1.5 | 2.1 | 0 | 0 | 8 | 02 | 1 | 0 | 1 | 3 | 1 | 0 | 0 | 22 | 0 |
| | 2030 | 54 | 1012.8 | 1006.5 | .. | 20.8 | 19.9 | 19.3 | 22.4 | 91 | .. | 3.0 | .. | 1.7 | 0 | 0 | 7 | 00 | 1 | 1 | 0 | 5 | 0 | 0 | 0 | 23 | 0 |
| | 2330 | 54 | 1012.8 | 1006.5 | .. | 19.9 | 19.2 | 18.7 | 21.6 | 93 | .. | 3.3 | .. | 0.6 | 0 | 0 | 4 | 00 | 1 | 1 | 0 | 0 | 2 | 0 | 0 | 26 | 0 |
| Dhubri (Rupsi) | 0530 | 45 | 1012.9 | 1007.6 | .. | 17.0 | 16.6 | 16.3 | 18.5 | 96 | .. | 3.7 | .. | 3.7 | 0 | 0 | 18 | 01 | 8 | 6 | 2 | 0 | 0 | 0 | 1 | 12 | 0 |
| | 0830 | 45 | 1014.5 | 1009.3 | -1.1 | 22.4 | 20.1 | 18.7 | 21.6 | 80 | + 3 | 3.3 | +2.1 | 5.4 | 0 | 0 | 27 | 00 | 11 | 10 | 3 | 1 | 1 | 0 | 1 | 3 | 0 |
| | 1130 | 45 | 1013.0 | 1007.9 | .. | 26.5 | 21.4 | 18.5 | 21.3 | 62 | .. | 4.2 | .. | 5.6 | 0 | 0 | 27 | 00 | 8 | 12 | 3 | 0 | 3 | 0 | 1 | 3 | 0 |
| | 1730 | 45 | 1010.8 | 1005.6 | -1.4 | 23.7 | 21.4 | 20.2 | 23.7 | 81 | - 4 | 3.2 | +2.3 | 0.6 | 0 | 0 | 4 | 00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 26 | 0 |
| Dhubri | 0830 | 35 | 1015.4 | 1011.3 | -0.2 | 22.3 | 20.4 | 19.3 | 22.4 | 83 | + 2 | 1.6 | -0.7 | 7.1 | 0 | 1 | 27 | 00 | 19 | 3 | 3 | 1 | 1 | 1 | 0 | 2 | 0 |
| | 1730 | 35 | 1011.6 | 1007.5 | -0.4 | 23.8 | 20.9 | 19.3 | 22.4 | 76 | + 2 | 1.7 | +0.2 | 4.6 | 0 | 1 | 18 | 02 | 5 | 4 | 2 | 0 | 0 | 3 | 3 | 11 | 0 |
| Lumding | 0830 | 149 | 1015.2 | 997.9 | .. | 19.5 | 18.7 | 18.2 | 20.9 | 93 | + 8 | 4.0 | .. | 0.5 | 0 | 0 | 6 | 00 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 1730 | 149 | 1010.8 | 993.9 | .. | 24.6 | 22.3 | 21.1 | 25.0 | 81 | .. | 3.5 | .. | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tura | 0830 | 370 | 1014.9 | 972.6 | -1.7 | 20.1 | 18.0 | 16.7 | 19.0 | 80 | + 1 | 4.1 | +2.4 | 2.8 | 0 | 0 | 22 | 00 | 3 | 15 | 3 | 1 | 0 | 0 | 0 | 8 | 0 |
| | 1730 | 370 | 1011.3 | 969.7 | -1.4 | 23.7 | 20.8 | 19.1 | 22.1 | 75 | - 1 | 5.5 | +2.0 | 2.8 | 0 | 0 | 25 | 05 | 2 | 5 | 1 | 1 | 1 | 8 | 2 | 5 | 0 |
| Haflong | 0830 | 682 | 1013.7 | 937.4 | -1.6 | 20.1 | 18.0 | 16.7 | 19.0 | 82 | + 3 | 3.5 | +0.6 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 28 | 0 |
| | 1730 | 682 | 1009.0 | 933.4 | -2.0 | 21.3 | 18.6 | 16.9 | 19.3 | 77 | + 0 | 3.7 | +1.3 | 0.3 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 26 | 0 |
| Silchar (Kumbhirgram) | 0530 | 97 | 1011.5 | 1000.3 | .. | 18.8 | 17.9 | 17.3 | 19.7 | 91 | .. | 3.0 | .. | 9.8 | 0 | 0 | 30 | 00 | 0 | 30 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0830 | 97 | 1013.1 | 1002.0 | -1.6 | 22.9 | 20.0 | 18.3 | 21.0 | 75 | + 2 | 3.2 | +1.6 | 9.6 | 0 | 0 | 30 | 00 | 0 | 28 | 0 | 1 | 0 | 1 | 0 | 0 | 0 |
| | 1130 | 97 | 1010.8 | 999.9 | .. | 27.1 | 21.6 | 18.5 | 21.3 | 60 | .. | 3.1 | .. | 7.5 | 0 | 0 | 29 | 01 | 1 | 12 | 5 | 4 | 2 | 2 | 2 | 1 | 0 |
| | 1730 | 97 | 1009.3 | 998.3 | -2.0 | 24.4 | 21.5 | 19.9 | 23.2 | 76 | + 3 | 2.3 | +1.2 | 3.9 | 0 | 0 | 21 | 02 | 0 | 6 | 0 | 0 | 1 | 12 | 0 | 9 | 0 |
| Silchar | 0830 | 29 | 1015.5 | 1012.1 | +0.3 | 23.5 | 21.3 | 20.1 | 23.5 | 80 | - 1 | 3.7 | +1.3 | 0.5 | 0 | 0 | 8 | 00 | 3 | 1 | 2 | 1 | 1 | 0 | 0 | 22 | 0 |
| | 1730 | 29 | 1012.1 | 1008.7 | +0.8 | 25.5 | 22.3 | 20.6 | 24.3 | 74 | + 0 | 2.6 | +0.9 | 0.1 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Imphal (Tulihal) | 0530 | 781 | 1015.5 | 926.7 | .. | 13.9 | 13.5 | 13.2 | 15.2 | 96 | .. | 3.2 | .. | 1.1 | 0 | 0 | 6 | 02 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 24 | 0 |
| | 0830 | 781 | 1015.8 | 928.4 | -1.3 | 18.6 | 16.7 | 15.5 | 17.6 | 82 | + 4 | 5.3 | +1.9 | 1.7 | 0 | 0 | 7 | 01 | 2 | 0 | 2 | 2 | 0 | 0 | 0 | 23 | 0 |
| | 1130 | 781 | 1012.0 | 926.3 | .. | 23.5 | 18.7 | 15.9 | 18.1 | 63 | .. | 4.6 | .. | 3.8 | 0 | 0 | 16 | 01 | 1 | 0 | 4 | 3 | 3 | 2 | 2 | 14 | 0 |
| | 1430 | 781 | 1009.0 | 924.0 | .. | 25.0 | 18.6 | 14.7 | 16.7 | 54 | .. | 4.2 | .. | 7.0 | 0 | 0 | 24 | 01 | 0 | 1 | 5 | 5 | 7 | 0 | 5 | 6 | 0 |
| | 1730 | 781 | 1011.1 | 924.6 | +0.5 | 20.3 | 17.6 | 15.9 | 18.1 | 76 | + 2 | 4.1 | +1.9 | 5.9 | 0 | 0 | 20 | 00 | 0 | 0 | 1 | 4 | 3 | 2 | 10 | 10 | 0 |
| | 2030 | 781 | 1013.9 | 926.3 | .. | 17.4 | 16.3 | 15.6 | 17.7 | 90 | .. | 3.7 | .. | 2.0 | 0 | 0 | 7 | 00 | 1 | 1 | 0 | 1 | 1 | 1 | 2 | 23 | 0 |
| | 2330 | 781 | 1014.5 | 926.3 | .. | 15.5 | 14.9 | 14.5 | 16.5 | 94 | .. | 3.7 | .. | 2.0 | 0 | 0 | 9 | 05 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 21 | 0 |
| Kailashahar | 0530 | 29 | 1012.9 | 1009.5 | .. | 18.6 | 18.4 | 18.3 | 21.0 | 98 | .. | 2.7 | .. | 0.3 | 0 | 0 | 4 | 00 | 0 | 1 | 0 | 1 | 2 | 0 | 0 | 26 | 0 |
| | 0830 | 29 | 1014.7 | 1011.3 | -1.5 | 23.5 | 21.7 | 20.7 | 24.4 | 84 | + 4 | 2.7 | +0.8 | 2.5 | 0 | 0 | 27 | 05 | 4 | 0 | 1 | 3 | 10 | 2 | 2 | 3 | 0 |
| | 1130 | 29 | 1012.8 | 1009.5 | .. | 27.7 | 22.8 | 20.2 | 23.7 | 64 | .. | 3.5 | .. | 4.1 | 0 | 0 | 29 | 07 | 5 | 5 | 3 | 1 | 3 | 2 | 3 | 1 | 0 |
| | 1730 | 29 | 1011.1 | 1007.8 | -1.5 | 24.5 | 22.4 | 21.3 | 25.3 | 83 | + 3 | 2.3 | +0.8 | 0.4 | 0 | 0 | 6 | 00 | 1 | 0 | 2 | 1 | 0 | 2 | 0 | 24 | 0 |
| Agartala | 0230 | 16 | 1010.8 | 1009.0 | .. | 19.3 | 18.5 | 18.0 | 20.6 | 93 | .. | 2.1 | .. | 0.5 | 0 | 0 | 2 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0530 | 16 | 1011.4 | 1009.6 | .. | 18.5 | 17.9 | 17.5 | 20.0 | 94 | .. | 2.7 | .. | 0.7 | 0 | 0 | 3 | 01 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 16 | 1013.4 | 1011.6 | -1.2 | 24.6 | 21.8 | 20.3 | 23.8 | 77 | + 0 | 3.1 | +1.2 | 3.5 | 0 | 0 | 14 | 08 | 4 | 0 | 0 | 1 | 0 | 0 | 1 | 16 | 0 |
| | 1130 | 16 | 1011.8 | 1010.0 | .. | 27.9 | 21.7 | 18.2 | 20.9 | 57 | .. | 3.3 | .. | 7.7 | 0 | 0 | 27 | 10 | 5 | 1 | 0 | 0 | 0 | 1 | 10 | 3 | 0 |
| | 1430 | 16 | 1009.7 | 1007.9 | .. | 28.1 | 21.8 | 18.3 | 21.0 | 55 | .. | 3.7 | .. | 8.7 | 0 | 0 | 28 | 10 | 2 | 2 | 0 | 0 | 0 | 2 | 12 | 2 | 0 |
| | 1730 | 16 | 1010.1 | 1008.3 | -1.1 | 24.5 | 21.3 | 19.5 | 22.7 | 74 | - 1 | 3.0 | +1.0 | 1.8 | 0 | 0 | 7 | 04 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 23 | 0 |
| | 2030 | 16 | 1011.6 | 1009.8 | .. | 21.5 | 20.1 | 19.3 | 22.4 | 86 | .. | 2.0 | .. | 0.3 | 0 | 0 | 1 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 2330 | 16 | 1011.5 | 1009.7 | .. | 20.1 | 19.2 | 18.6 | 21.4 | 91 | .. | 1.8 | .. | 0.5 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| SUB-HIMALAYAN WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baghdogra | 0230 | 131 | 1012.6 | 997.2 | .. | 16.3 | 15.5 | 14.9 | 16.9 | 91 | .. | 1.7 | .. | 2.4 | 0 | 0 | 10 | 06 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 20 | 0 |
| | 0530 | 131 | 1013.1 | 997.6 | .. | 15.1 | 14.4 | 13.9 | 15.9 | 93 | .. | 2.6 | .. | 1.7 | 0 | 0 | 9 | 08 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0830 | 131 | 1015.1 | 1000.0 | -0.5 | 22.2 | 19.1 | 17.2 | 19.6 | 74 | + 3 | 3.3 | +1.6 | 1.6 | 0 | 0 | 7 | 01 | 3 | 2 | 0 | 0 | 0 | 0 | 1 | 23 | 0 |
| | 1130 | 131 | 1013.6 | 998.8 | .. | 27.4 | 21.4 | 18.0 | 20.6 | 57 | .. | 3.5 | .. | 7.2 | 0 | 0 | 25 | 00 | 1 | 8 | 3 | 1 | 12 | 0 | 0 | 5 | 0 |
| | 1430 | 131 | 1011.0 | 996.1 | .. | 28.0 | 21.8 | 18.3 | 21.0 | 56 | .. | 3.8 | .. | 8.3 | 0 | 0 | 26 | 01 | 0 | 5 | 5 | 4 | 10 | 1 | 0 | 4 | 0 |
| | 1730 | 131 | 1011.4 | 996.3 | -0.8 | 22.7 | 20.4 | 19.1 | 22.1 | 81 | - 3 | 3.3 | +1.0 | 0.3 | 0 | 0 | 12 | 01 | 2 | 1 | 0 | 0 | 8 | 0 | 0 | 18 | 0 |
| | 2030 | 131 | 1013.3 | 998.1 | .. | 18.9 | 17.8 | 17.1 | 19.5 | 89 | .. | 2.8 | .. | 4.5 | 0 | 0 | 16 | 13 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 14 | 0 |
| | 2330 | 131 | 1013.4 | 998.1 | .. | 17.3 | 16.3 | 15.6 | 17.7 | 90 | .. | 1.6 | .. | 3.5 | 0 | 0 | 12 | 09 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 18 | 0 |
| Jalpaiguri | 0830 | 83 | 1014.7 | 1005.1 | -0.8 | 19.4 | 17.6 | 16.4 | 18.6 | 83 | + 1 | 1.6 | +0.2 | 3.2 | 0 | 0 | 25 | 08 | 5 | 2 | 1 | 0 | 2 | 1 | 6 | 5 | 0 |
| | 1730 | 83 | 1010.8 | 1001.4 | -0.8 | 24.6 | 20.2 | 17.5 | 20.0 | 64 | - 2 | 1.8 | +0.2 | 1.7 | 0 | 0 | 13 | 00 | 1 | 0 | 3 | 1 | 3 | 4 | 1 | 17 | 0 |
| Cooch Behar | 0830 | 43 | 1015.1 | 1010.1 | -0.3 | 21.7 | 19.3 | 17.9 | 20.5 | 79 | + 6 | 2.6 | +1.7 | 6.3 | 0 | 0 | 23 | 01 | 5 | 15 | 2 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 1130 | 43 | 1013.5 | 1008.7 | .. | 26.0 | 20.7 | 17.6 | 20.1 | 60 | .. | 3.5 | .. | 7.8 | 0 | 0 | 24 | 02 | 5 | 13 | 3 | 0 | 1 | 0 | 0 | 6 | 0 |
| | 1730 | 43 | 1011.3 | 1006.4 | -0.5 | 22.9 | 20.3 | 18.8 | 21.7 | 78 | + 2 | 2.6 | +1.2 | 0.4 | 0 | 0 | 2 | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 28 | 0 |
| Balurghat | 0830 | 26 | 1014.4 | 1011.4 | .. | 23.2 | 20.0 | 18.1 | 20.8 | 74 | .. | 2.7 | .. | 2.9 | 0 | 0 | 23 | 11 | 5 | 1 | 1 | 0 | 2 | 1 | 2 | 7 | 0 |
| | 1730 | 26 | 1010.5 | 1007.4 | .. | 23.3 | 21.0 | 19.7 | 22.9 | 80 | .. | 1.9 | .. | 0.7 | 0 | 0 | 5 | 01 | 1 | 0 | 1 | 0 | 2 | 0 | 0 | 25 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| SUB-HIMALAYAN WEST BENGAL (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Malda | 0830 | 31 | 1014.9 | 1011.3 | -0.4 | 23.0 | 19.4 | 17.2 | 19.6 | 70 | + 0 | 2.8 | +1.4 | 0.8 | 0 | 0 | 10 | 03 | 2 | 1 | 0 | 0 | 0 | 2 | 2 | 20 | 0 |
| | 1730 | 31 | 1011.1 | 1007.5 | -0.6 | 24.8 | 20.9 | 18.7 | 21.6 | 69 | + 4 | 2.5 | +1.1 | 0.5 | 0 | 0 | 5 | 01 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 25 | 0 |
| GANGETIC WEST BENGAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Berhampore | 0830 | 19 | 1014.1 | 1011.9 | -0.9 | 23.4 | 20.2 | 18.3 | 21.0 | 74 | + 2 | 2.5 | +0.9 | 0.8 | 0 | 0 | 6 | 02 | 0 | 2 | 0 | 0 | 0 | 2 | 0 | 24 | 0 |
| | 1730 | 19 | 1011.0 | 1008.8 | -0.4 | 24.3 | 20.9 | 19.0 | 22.0 | 70 | + 7 | 1.7 | +0.1 | 0.4 | 0 | 0 | 4 | 02 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Suri | 0830 | 19 | .. | .. | .. | 23.4 | 19.2 | 16.6 | 18.9 | 66 | + 2 | 3.2 | +2.0 | 3.1 | 0 | 0 | 30 | 09 | 1 | 7 | 0 | 6 | 1 | 6 | 0 | 0 | 0 |
| Asansol | 0230 | 126 | 1012.3 | 997.6 | .. | 17.8 | 16.5 | 15.6 | 17.7 | 87 | .. | 1.8 | .. | 1.1 | 0 | 0 | 6 | 02 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 24 | 0 |
| | 0530 | 126 | 1013.0 | 998.2 | .. | 17.4 | 16.2 | 15.4 | 17.5 | 87 | .. | 3.4 | .. | 1.4 | 0 | 0 | 11 | 01 | 2 | 3 | 0 | 0 | 1 | 2 | 2 | 19 | 0 |
| | 0830 | 126 | 1014.6 | 1000.1 | -0.6 | 23.4 | 18.7 | 15.6 | 17.7 | 62 | - 7 | 3.5 | +1.8 | 3.5 | 0 | 0 | 20 | 04 | 3 | 2 | 1 | 1 | 0 | 2 | 7 | 10 | 0 |
| | 1130 | 126 | 1013.1 | 998.9 | .. | 28.6 | 19.9 | 14.2 | 16.2 | 43 | .. | 3.0 | .. | 4.0 | 0 | 0 | 25 | 09 | 4 | 5 | 2 | 1 | 1 | 1 | 2 | 5 | 0 |
| | 1430 | 126 | 1010.5 | 996.4 | .. | 29.7 | 20.1 | 13.7 | 15.7 | 41 | .. | 3.6 | .. | 5.8 | 0 | 0 | 27 | 06 | 8 | 1 | 2 | 0 | 0 | 1 | 9 | 3 | 0 |
| | 1730 | 126 | 1010.8 | 996.5 | -0.6 | 24.8 | 19.8 | 16.7 | 19.0 | 61 | + 8 | 3.2 | +1.2 | 2.2 | 0 | 0 | 13 | 05 | 2 | 4 | 1 | 1 | 0 | 0 | 0 | 17 | 0 |
| | 2030 | 126 | 1012.9 | 998.3 | .. | 20.4 | 18.1 | 16.6 | 18.9 | 79 | .. | 1.5 | .. | 1.5 | 0 | 0 | 8 | 06 | 2 | 2 | 0 | 1 | 0 | 0 | 2 | 22 | 0 |
| | 2330 | 126 | 1013.1 | 998.4 | .. | 19.0 | 17.2 | 16.0 | 18.2 | 82 | .. | 2.4 | .. | 1.7 | 0 | 0 | 10 | 02 | 2 | 3 | 0 | 1 | 0 | 0 | 2 | 20 | 0 |
| Shanti Niketan | 0830 | 59 | 1014.6 | 1007.9 | .. | 22.7 | 19.5 | 17.6 | 20.1 | 73 | .. | 3.1 | .. | 2.0 | 0 | 0 | 13 | 06 | 3 | 0 | 1 | 0 | 0 | 0 | 4 | 17 | 0 |
| | 1130 | 59 | 1013.8 | 1007.1 | .. | 26.3 | 20.1 | 16.3 | 18.5 | 56 | .. | 2.7 | .. | 1.7 | 0 | 0 | 16 | 12 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| | 1730 | 59 | 1011.2 | 1004.5 | .. | 24.1 | 20.3 | 18.1 | 20.8 | 69 | .. | 2.8 | .. | 1.1 | 0 | 0 | 10 | 04 | 4 | 1 | 0 | 0 | 0 | 0 | 1 | 20 | 0 |
| Krishnanagar | 0830 | 15 | 1014.3 | 1012.6 | -0.9 | 24.4 | 20.5 | 18.3 | 21.0 | 69 | - 3 | 1.5 | -0.2 | 0.1 | 0 | 0 | 2 | 00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 15 | 1012.1 | 1010.4 | -0.1 | 25.3 | 21.0 | 18.5 | 21.3 | 66 | - 1 | 1.2 | -0.8 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Purulia | 0830 | 255 | 1015.1 | 986.1 | -0.9 | 22.8 | 18.0 | 14.7 | 16.7 | 61 | - 1 | 4.0 | +2.7 | 3.7 | 0 | 0 | 26 | 05 | 3 | 2 | 2 | 0 | 0 | 1 | 11 | 4 | 0 |
| | 1730 | 255 | 1011.1 | 982.5 | -1.0 | 26.2 | 20.2 | 16.5 | 18.8 | 58 | + 3 | 4.1 | +2.6 | 1.6 | 0 | 0 | 15 | 03 | 4 | 1 | 6 | 0 | 0 | 0 | 1 | 15 | 0 |
| Bankura | 0830 | 100 | 1014.3 | 1002.9 | .. | 22.6 | 19.8 | 18.1 | 20.8 | 76 | .. | 2.7 | .. | 1.3 | 0 | 0 | 15 | 07 | 5 | 0 | 0 | 0 | 0 | 0 | 3 | 15 | 0 |
| | 1730 | 100 | 1010.4 | 999.2 | .. | 27.0 | 24.0 | 23.2 | 28.4 | 81 | .. | 2.1 | .. | 0.2 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1 |
| Burdwan | 0830 | 32 | 1013.8 | 1010.2 | -1.2 | 22.0 | 19.4 | 17.8 | 20.4 | 78 | + 6 | 2.0 | +0.4 | 1.5 | 0 | 0 | 13 | 07 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 1730 | 32 | 1011.0 | 1007.5 | -0.3 | 27.1 | 21.7 | 18.7 | 21.6 | 61 | - 5 | 1.8 | +0.2 | 1.7 | 0 | 0 | 16 | 06 | 7 | 2 | 0 | 1 | 0 | 0 | 1 | 14 | 0 |
| Calcutta (Dum Dum) | 0230 | 6 | 1011.3 | 1010.6 | .. | 20.5 | 19.5 | 18.9 | 21.8 | 91 | .. | 2.3 | .. | 0.9 | 0 | 0 | 6 | 01 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| | 0530 | 6 | 1011.8 | 1011.1 | .. | 20.0 | 19.0 | 18.4 | 21.1 | 91 | .. | 3.7 | .. | 1.3 | 0 | 0 | 10 | 03 | 3 | 2 | 0 | 0 | 0 | 0 | 2 | 20 | 0 |
| | 0830 | 6 | 1014.0 | 1013.3 | -0.9 | 24.3 | 20.7 | 18.7 | 21.6 | 71 | - 1 | 3.3 | +1.4 | 3.7 | 0 | 0 | 23 | 05 | 7 | 6 | 2 | 0 | 1 | 0 | 2 | 7 | 0 |
| | 1130 | 6 | 1012.6 | 1011.9 | .. | 28.2 | 21.8 | 18.2 | 20.9 | 55 | .. | 3.6 | .. | 4.9 | 0 | 0 | 26 | 06 | 8 | 3 | 2 | 1 | 1 | 2 | 3 | 4 | 0 |
| | 1430 | 6 | 1010.2 | 1009.5 | .. | 29.0 | 21.9 | 17.9 | 20.5 | 52 | .. | 3.6 | .. | 3.8 | 0 | 0 | 24 | 11 | 4 | 2 | 1 | 1 | 0 | 3 | 2 | 6 | 0 |
| | 1730 | 6 | 1010.5 | 1009.8 | -1.1 | 25.8 | 22.0 | 20.0 | 23.4 | 70 | + 2 | 3.7 | +1.4 | 1.2 | 0 | 0 | 8 | 04 | 0 | 2 | 0 | 1 | 0 | 0 | 1 | 22 | 0 |
| | 2030 | 6 | 1012.2 | 1011.5 | .. | 22.8 | 21.0 | 20.0 | 23.4 | 85 | .. | 2.0 | .. | 0.5 | 0 | 0 | 4 | 01 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 2330 | 6 | 1012.1 | 1011.4 | .. | 21.4 | 20.1 | 19.3 | 22.4 | 88 | .. | 2.0 | .. | 1.4 | 0 | 0 | 9 | 01 | 4 | 3 | 0 | 1 | 0 | 0 | 0 | 21 | 0 |
| Calcutta | 0830 | 6 | 1014.0 | 1013.3 | -0.9 | 25.7 | 21.2 | 18.7 | 21.6 | 66 | - 8 | 3.1 | +1.3 | 4.9 | 0 | 0 | 25 | 05 | 13 | 4 | 1 | 1 | 0 | 1 | 3 | 5 | 0 |
| | 1130 | 6 | 1012.5 | 1011.8 | .. | 29.1 | 22.2 | 18.3 | 21.0 | 53 | .. | 3.6 | .. | 6.3 | 0 | 0 | 28 | 06 | 8 | 3 | 2 | 2 | 2 | 1 | 4 | 2 | 0 |
| | 1730 | 6 | 1010.7 | 1010.0 | -0.9 | 26.0 | 21.7 | 19.3 | 22.4 | 67 | + 0 | 3.5 | +1.4 | 2.2 | 0 | 0 | 16 | 05 | 2 | 1 | 1 | 1 | 3 | 0 | 3 | 14 | 0 |
| Midnapore | 0830 | 45 | 1014.5 | 1009.2 | -0.7 | 23.8 | 20.2 | 18.1 | 20.8 | 71 | + 4 | 2.5 | +0.7 | 1.3 | 0 | 0 | 13 | 04 | 6 | 3 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 1730 | 45 | 1010.8 | 1005.6 | -0.6 | 26.5 | 21.7 | 19.1 | 22.1 | 64 | + 6 | 2.9 | +0.8 | 0.4 | 0 | 0 | 6 | 00 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Contai | 0830 | 11 | 1013.9 | 1012.7 | -1.1 | 25.2 | 22.0 | 20.3 | 23.8 | 75 | + 3 | 2.2 | +0.7 | 3.9 | 0 | 0 | 27 | 24 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 |
| | 1730 | 11 | 1010.5 | 1009.3 | -1.3 | 26.5 | 22.8 | 20.9 | 24.7 | 71 | + 4 | 2.0 | +0.5 | 1.3 | 0 | 0 | 8 | 02 | 1 | 1 | 0 | 4 | 0 | 0 | 0 | 22 | 0 |
| Sagar Island | 0830 | 3 | 1013.3 | 1012.9 | -1.1 | 25.4 | 22.8 | 21.5 | 25.6 | 79 | + 8 | 3.4 | +0.7 | 10.6 | 0 | 2 | 27 | 10 | 9 | 2 | 0 | 1 | 1 | 1 | 5 | 1 | 0 |
| | 1730 | 3 | 1010.2 | 1009.9 | -0.8 | 26.3 | 23.1 | 21.5 | 25.6 | 75 | + 6 | 3.6 | +0.6 | 7.1 | 0 | 0 | 29 | 08 | 2 | 1 | 3 | 5 | 3 | 0 | 7 | 1 | 0 |
| Sandheads | 0530 | 10 | 1010.7 | 1009.6 | .. | 26.3 | 22.7 | 20.9 | 24.7 | 73 | .. | 2.9 | .. | 11.4 | 0 | 6 | 19 | 05 | 13 | 1 | 2 | 1 | 0 | 1 | 2 | 5 | 0 |
| | 0830 | 10 | 1013.3 | 1012.2 | -1.2 | 28.0 | 23.4 | 21.1 | 25.0 | 67 | + 3 | 3.0 | +0.7 | 11.8 | 0 | 4 | 23 | 08 | 11 | 3 | 1 | 1 | 1 | 1 | 1 | 3 | 0 |
| | 1130 | 10 | 1012.4 | 1011.3 | .. | 29.7 | 24.1 | 21.3 | 25.3 | 61 | .. | 3.2 | .. | 12.0 | 0 | 5 | 24 | 09 | 13 | 1 | 3 | 1 | 1 | 1 | 0 | 1 | 0 |
| | 1730 | 10 | 1010.2 | 1009.1 | -1.4 | 27.3 | 22.8 | 20.5 | 24.1 | 66 | + 2 | 3.4 | +0.9 | 10.8 | 0 | 3 | 23 | 04 | 11 | 5 | 1 | 1 | 1 | 1 | 2 | 4 | 0 |
| | 2330 | 10 | 1011.5 | 1010.4 | .. | 26.6 | 23.0 | 21.2 | 25.2 | 72 | .. | 1.4 | .. | 9.3 | 0 | 4 | 17 | 02 | 5 | 4 | 2 | 4 | 1 | 0 | 3 | 9 | 0 |
| ORISSA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Baripada | 0830 | 54 | 1015.0 | 1008.8 | -1.1 | 23.2 | 19.9 | 17.9 | 20.5 | 73 | + 8 | 3.2 | +1.3 | 3.5 | 0 | 0 | 26 | 13 | 5 | 1 | 1 | 0 | 0 | 0 | 6 | 4 | 0 |
| | 1730 | 54 | 1011.7 | 1005.5 | -1.0 | 25.4 | 21.2 | 18.8 | 21.7 | 67 | + 3 | 3.4 | +1.9 | 0.1 | 0 | 0 | 2 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Jharsuguda | 0230 | 230 | 1011.3 | 985.0 | .. | 20.8 | 18.8 | 17.6 | 20.1 | 84 | .. | 4.0 | .. | 2.5 | 0 | 0 | 12 | 01 | 7 | 4 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 0530 | 230 | 1012.0 | 985.5 | .. | 19.8 | 18.3 | 17.3 | 19.7 | 85 | .. | 5.5 | .. | 4.1 | 0 | 0 | 18 | 03 | 11 | 3 | 1 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 0830 | 230 | 1013.8 | 987.6 | -1.7 | 23.5 | 19.4 | 16.9 | 19.3 | 67 | + 3 | 5.4 | +3.6 | 8.6 | 0 | 0 | 28 | 02 | 15 | 7 | 1 | 1 | 0 | 0 | 2 | 2 | 0 |
| | 1130 | 230 | 1012.4 | 986.6 | .. | 28.7 | 21.2 | 16.7 | 19.0 | 47 | .. | 5.1 | .. | 8.3 | 0 | 0 | 24 | 01 | 9 | 4 | 4 | 3 | 0 | 0 | 3 | 6 | 0 |
| | 1430 | 230 | 1009.6 | 984.1 | .. | 30.0 | 21.0 | 15.4 | 17.5 | 43 | .. | 5.5 | .. | 8.8 | 0 | 1 | 26 | 01 | 14 | 2 | 3 | 4 | 0 | 1 | 2 | 3 | 0 |
| | 1730 | 230 | 1009.9 | 984.1 | -1.8 | 27.1 | 20.6 | 16.7 | 19.0 | 53 | + 0 | 5.7 | +3.6 | 4.5 | 0 | 0 | 19 | 02 | 8 | 6 | 2 | 0 | 0 | 0 | 1 | 11 | 0 |
| | 2030 | 230 | 1012.0 | 985.9 | .. | 24.4 | 20.1 | 17.5 | 20.0 | 66 | .. | 4.8 | .. | 3.9 | 0 | 0 | 15 | 00 | 4 | 5 | 5 | 1 | 0 | 0 | 0 | 15 | 0 |
| | 2330 | 230 | 1012.1 | 985.9 | .. | 22.4 | 19.7 | 18.1 | 20.8 | 77 | .. | 4.7 | .. | 2.9 | 0 | 1 | 10 | 00 | 7 | 1 | 3 | 0 | 0 | 0 | 0 | 19 | 0 |
| Keonjhargarh | 0830 | 463 | 1014.5 | 962.6 | -1.8 | 22.5 | 19.1 | 17.0 | 19.4 | 72 | + 9 | 3.8 | +2.2 | 0.8 | 0 | 0 | 12 | 05 | 1 | 0 | 1 | 2 | 0 | 2 | 1 | 18 | 0 |
| | 1730 | 463 | 1006.5 | 955.3 | -5.8 | 26.5 | 19.3 | 15.1 | 17.1 | 50 | - 5 | 3.3 | +1.3 | 1.5 | 0 | 0 | 22 | 00 | 12 | 1 | 0 | 1 | 6 | 1 | 1 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| ORISSA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Balasore | 0830 | 20 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 20 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Sambalpur | 0830 | 148 | 1013.3 | 996.4 | -1.4 | 24.7 | 20.8 | 18.5 | 21.3 | 69 | - 5 | 4.1 | +1.9 | 1.5 | 0 | 0 | 14 | 03 | 5 | 4 | 1 | 1 | 0 | 0 | 0 | 16 | 0 |
| | 1730 | 148 | 1011.7 | 994.9 | +0.0 | 24.6 | 20.6 | 18.3 | 21.0 | 68 | +13 | 4.7 | +2.1 | 0.5 | 0 | 0 | 5 | 04 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 25 | 0 |
| Angul | 0830 | 139 | 1013.8 | 997.9 | -1.5 | 24.5 | 21.3 | 19.5 | 22.7 | 74 | - 1 | 5.2 | +2.4 | 2.5 | 0 | 0 | 23 | 03 | 0 | 7 | 1 | 3 | 1 | 7 | 1 | 7 | 0 |
| | 1730 | 139 | 1010.4 | 994.8 | -1.0 | 27.6 | 21.5 | 18.0 | 20.6 | 57 | + 4 | 4.9 | +1.6 | 2.1 | 0 | 0 | 23 | 04 | 2 | 12 | 2 | 3 | 0 | 0 | 0 | 7 | 0 |
| Chandbali | 0830 | 6 | 1014.1 | 1013.4 | -0.8 | 24.9 | 22.6 | 21.5 | 25.6 | 81 | + 4 | 3.3 | +1.0 | 3.9 | 0 | 0 | 27 | 10 | 1 | 2 | 2 | 0 | 0 | 2 | 10 | 3 | 0 |
| | 1730 | 6 | 1010.6 | 1009.9 | -1.1 | 26.8 | 23.0 | 21.1 | 25.0 | 70 | + 3 | 3.5 | +1.1 | 3.1 | 0 | 0 | 25 | 03 | 8 | 11 | 3 | 0 | 0 | 0 | 0 | 5 | 0 |
| Bolangir | 0830 | 190 | 1013.4 | 991.7 | -2.5 | 24.6 | 21.7 | 20.1 | 23.5 | 75 | + 8 | 5.7 | +3.5 | 2.9 | 0 | 0 | 28 | 08 | 6 | 3 | 3 | 6 | 0 | 2 | 0 | 2 | 0 |
| | 1730 | 190 | 1009.6 | 988.3 | -2.7 | 28.0 | 22.3 | 19.2 | 22.2 | 60 | +10 | 5.7 | +3.6 | 3.1 | 0 | 0 | 30 | 10 | 11 | 4 | 0 | 4 | 0 | 0 | 1 | 0 | 0 |
| Phulbani | 0830 | 464 | 1011.3 | 959.2 | .. | 22.3 | 19.4 | 17.7 | 20.2 | 77 | .. | 3.7 | .. | 0.6 | 0 | 0 | 6 | 00 | 0 | 3 | 1 | 1 | 1 | 0 | 0 | 24 | 0 |
| | 1730 | 464 | 1007.9 | 956.5 | .. | 25.1 | 20.4 | 17.6 | 20.1 | 65 | .. | 4.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Cuttack | 0830 | 27 | 1014.1 | 1011.0 | -0.9 | 25.0 | 22.7 | 21.5 | 25.6 | 81 | + 7 | 3.9 | +1.6 | 2.7 | 0 | 0 | 17 | 01 | 7 | 3 | 1 | 0 | 0 | 1 | 4 | 13 | 0 |
| | 1730 | 27 | 1010.8 | 1007.8 | -0.7 | 28.5 | 23.7 | 21.3 | 25.3 | 66 | + 7 | 4.2 | +1.5 | 2.5 | 0 | 1 | 15 | 00 | 3 | 4 | 7 | 1 | 1 | 0 | 0 | 14 | 0 |
| Titilagarh | 0830 | 211 | 1014.2 | 990.2 | -1.1 | 24.8 | 21.4 | 19.5 | 22.7 | 73 | + 0 | 3.2 | +1.2 | 1.6 | 0 | 0 | 24 | 00 | 18 | 0 | 4 | 0 | 2 | 0 | 0 | 6 | 0 |
| | 1730 | 211 | 1011.7 | 988.0 | +0.5 | 27.5 | 23.7 | 21.9 | 26.3 | 71 | +17 | 3.4 | +1.5 | 1.7 | 0 | 0 | 26 | 00 | 21 | 0 | 3 | 0 | 1 | 0 | 1 | 4 | 0 |
| Bhubaneswar | 0230 | 46 | 1011.1 | 1005.8 | .. | 22.5 | 21.4 | 20.9 | 24.7 | 90 | .. | 2.9 | .. | 4.3 | 0 | 1 | 15 | 04 | 5 | 1 | 1 | 2 | 0 | 3 | 0 | 14 | 0 |
| | 0530 | 46 | 1011.5 | 1006.3 | .. | 21.6 | 20.8 | 20.4 | 24.0 | 92 | .. | 4.1 | .. | 5.5 | 0 | 1 | 21 | 10 | 5 | 2 | 0 | 0 | 1 | 1 | 3 | 8 | 0 |
| | 0830 | 46 | 1013.7 | 1008.5 | -1.3 | 25.5 | 22.5 | 20.9 | 24.7 | 77 | + 9 | 3.9 | +1.6 | 7.6 | 0 | 3 | 22 | 07 | 11 | 2 | 0 | 0 | 1 | 1 | 3 | 5 | 0 |
| | 1130 | 46 | 1012.3 | 1007.3 | .. | 29.1 | 23.1 | 20.0 | 23.4 | 59 | .. | 4.7 | .. | 11.7 | 0 | 6 | 22 | 01 | 11 | 10 | 1 | 2 | 2 | 1 | 0 | 2 | 0 |
| | 1430 | 46 | 1010.0 | 1004.9 | .. | 29.9 | 22.7 | 18.8 | 21.7 | 53 | .. | 5.1 | .. | 10.3 | 0 | 2 | 27 | 00 | 12 | 6 | 4 | 3 | 0 | 1 | 3 | 1 | 0 |
| | 1730 | 46 | 1010.5 | 1005.2 | -1.4 | 27.1 | 22.8 | 20.5 | 24.1 | 69 | + 8 | 4.9 | +2.2 | 8.0 | 0 | 1 | 26 | 00 | 5 | 10 | 7 | 4 | 1 | 0 | 0 | 3 | 0 |
| | 2030 | 46 | 1012.4 | 1007.2 | .. | 24.7 | 22.5 | 21.4 | 25.5 | 81 | .. | 3.0 | .. | 6.8 | 0 | 2 | 26 | 02 | 6 | 5 | 6 | 9 | 0 | 0 | 0 | 2 | 0 |
| | 2330 | 46 | 1012.0 | 1006.8 | .. | 23.5 | 22.0 | 21.3 | 25.3 | 87 | .. | 3.0 | .. | 5.9 | 0 | 2 | 20 | 02 | 5 | 3 | 4 | 4 | 2 | 1 | 1 | 8 | 0 |
| Puri | 0830 | 6 | 1013.1 | 1012.4 | -1.7 | 27.0 | 23.2 | 21.3 | 25.3 | 71 | + 0 | 3.7 | +1.2 | 5.5 | 0 | 0 | 23 | 11 | 7 | 0 | 1 | 2 | 1 | 1 | 0 | 7 | 0 |
| | 1730 | 6 | 1010.4 | 1009.7 | -1.3 | 27.5 | 23.3 | 21.2 | 25.2 | 70 | + 6 | 3.8 | +0.4 | 9.1 | 0 | 0 | 29 | 01 | 6 | 7 | 10 | 3 | 2 | 0 | 0 | 1 | 0 |
| Gopalpur | 0530 | 17 | 1011.2 | 1009.2 | .. | 22.3 | 21.1 | 20.5 | 24.1 | 89 | .. | 4.8 | .. | 9.7 | 0 | 0 | 29 | 12 | 2 | 0 | 2 | 0 | 0 | 2 | 11 | 1 | 0 |
| | 0830 | 17 | 1013.4 | 1011.4 | -1.3 | 24.2 | 22.2 | 21.2 | 25.2 | 83 | + 9 | 5.5 | +2.6 | 11.5 | 0 | 3 | 25 | 15 | 1 | 0 | 1 | 0 | 0 | 0 | 11 | 2 | 0 |
| | 1130 | 17 | 1012.6 | 1010.7 | .. | 28.5 | 23.4 | 20.9 | 24.7 | 65 | .. | 5.2 | .. | 11.9 | 0 | 4 | 26 | 08 | 7 | 6 | 3 | 5 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 17 | 1010.4 | 1008.5 | -1.0 | 27.0 | 23.1 | 21.1 | 24.9 | 71 | + 6 | 5.4 | +2.1 | 12.3 | 0 | 2 | 28 | 03 | 8 | 8 | 6 | 5 | 0 | 0 | 0 | 0 | 0 |
| | 2030 | 17 | 1012.1 | 1010.1 | .. | 24.5 | 22.5 | 21.5 | 25.6 | 83 | .. | 4.7 | .. | 7.9 | 0 | 3 | 17 | 05 | 1 | 1 | 1 | 2 | 2 | 1 | 7 | 10 | 0 |
| Koraput | 0830 | 913 | 1507.4 | 911.3 | -2.4 | 18.7 | 16.4 | 14.9 | 16.9 | 79 | + 6 | 5.4 | +3.4 | 5.5 | 0 | 0 | 30 | 03 | 3 | 0 | 19 | 4 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 913 | 1500.3 | 909.7 | -1.7 | 22.3 | 18.0 | 15.4 | 17.5 | 67 | + 8 | 3.3[c] | +0.8 | 6.1[c] | 0 | 0 | 28 | 00 | 0 | 0 | 5 | 17 | 6 | 0 | 0 | 0 | 0 |
| BIHAR PLATEAU | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dumka | 0830 | 149 | 1014.8 | 997.7 | -0.5 | 22.8 | 19.1 | 16.8 | 19.1 | 70 | + 4 | 2.3 | +1.3 | 1.3 | 0 | 0 | 8 | 00 | 1 | 1 | 3 | 0 | 1 | 2 | 0 | 22 | 0 |
| | 1730 | 149 | 1011.0 | 994.1 | -0.5 | 25.3 | 20.4 | 17.5 | 20.0 | 62 | + 6 | 1.4 | +0.1 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 29 | 0 |
| Daltonganj | 0830 | 221 | 1015.1 | 989.8 | -0.8 | 23.1 | 18.0 | 14.5 | 16.5 | 60 | -11 | 3.4 | +2.0 | 1.3 | 0 | 0 | 17 | 01 | 11 | 1 | 1 | 1 | 0 | 1 | 1 | 13 | 0 |
| | 1730 | 221 | 1010.5 | 985.6 | -1.3 | 26.1 | 18.6 | 13.4 | 15.4 | 45 | - 7 | 3.1 | +1.4 | 2.5 | 0 | 0 | 20 | 03 | 11 | 0 | 0 | 0 | 0 | 0 | 6 | 10 | 0 |
| Hazaribagh | 0830 | 611 | 1014.3 | 945.9 | -0.5 | 21.4 | 16.2 | 12.6 | 14.6 | 59 | + 2 | 3.4 | +1.9 | 4.3 | 0 | 0 | 19 | 06 | 0 | 1 | 2 | 2 | 1 | 0 | 7 | 11 | 0 |
| | 1730 | 611 | 1010.9 | 943.1 | -0.7 | 23.2 | 16.7 | 12.3 | 14.3 | 52 | - 3 | 4.2 | +2.5 | 6.3 | 0 | 0 | 29 | 13 | 3 | 3 | 2 | 0 | 0 | 0 | 8 | 1 | 0 |
| Dhanbad | 0830 | 257 | 1014.2 | 984.9 | -0.9 | 23.7 | 18.3 | 14.7 | 16.7 | 58 | + 0 | 2.4 | +0.9 | 1.9 | 0 | 0 | 13 | 01 | 7 | 0 | 2 | 0 | 0 | 3 | 0 | 17 | 0 |
| | 1730 | 257 | 1010.2 | 981.2 | .. | 25.9 | 19.1 | 14.6 | 16.6 | 52 | .. | 1.8 | .. | 0.9 | 0 | 0 | 5 | 00 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 25 | 0 |
| Ranchi | 0830 | 655 | 1013.9 | 941.1 | -0.3 | 23.0 | 16.9 | 12.8 | 14.8 | 53 | - 4 | 3.2 | +1.8 | 1.3 | 0 | 0 | 20 | 01 | 7 | 2 | 1 | 0 | 0 | 1 | 8 | 10 | 0 |
| | 1730 | 655 | 1010.1 | 937.9 | -1.1 | 24.1 | 18.6 | 15.3 | 17.4 | 59 | + 4 | 3.5 | +1.9 | 0.7 | 0 | 0 | 10 | 00 | 3 | 1 | 2 | 0 | 1 | 0 | 3 | 20 | 0 |
| Ranchi Aerodrome | 0530 | 652 | 1012.6 | 939.1 | .. | 17.7 | 14.4 | 12.0 | 14.0 | 69 | .. | 2.9 | .. | 2.9 | 0 | 0 | 8 | 02 | 3 | 0 | 1 | 0 | 0 | 0 | 2 | 22 | 0 |
| | 0830 | 652 | 1013.7 | 941.1 | -1.5 | 21.6 | 15.9 | 11.9 | 13.9 | 55 | + 1 | 3.8 | +2.3 | 7.0 | 0 | 0 | 19 | 06 | 7 | 0 | 2 | 0 | 0 | 0 | 4 | 11 | 0 |
| | 1130 | 652 | 1011.9 | 940.1 | .. | 24.9 | 16.8 | 11.1 | 13.2 | 45 | .. | 3.6 | .. | 12.0 | 0 | 5 | 20 | 10 | 4 | 2 | 1 | 1 | 0 | 2 | 4 | 5 | 1 |
| | 1430 | 652 | 1009.3 | 937.9 | .. | 26.1 | 17.1 | 10.8 | 12.9 | 41 | .. | 3.2 | .. | 12.6 | 0 | 7 | 19 | 07 | 5 | 3 | 3 | 2 | 0 | 1 | 5 | 4 | 0 |
| | 1730 | 652 | 1009.9 | 938.2 | -1.6 | 24.4 | 16.9 | 11.7 | 13.7 | 47 | - 1 | 3.6 | +1.7 | 7.2 | 0 | 0 | 19 | 05 | 2 | 4 | 5 | 0 | 0 | 0 | 3 | 11 | 0 |
| | 2030 | 652 | 1012.6 | 939.9 | .. | 20.9 | 16.0 | 12.7 | 14.7 | 60 | .. | 3.0 | .. | 4.9 | 0 | 1 | 12 | 02 | 5 | 0 | 1 | 1 | 2 | 0 | 2 | 17 | 0 |
| Jamshedpur | 0830 | 129 | 1013.9 | 999.1 | -1.7 | 22.0 | 19.1 | 17.3 | 19.7 | 75 | + 2 | 3.2 | +1.3 | 1.5 | 0 | 0 | 15 | 01 | 0 | 5 | 2 | 0 | 0 | 3 | 4 | 15 | 0 |
| | 1730 | 129 | 1010.4 | 995.7 | -1.5 | 25.9 | 21.2 | 18.5 | 21.3 | 65 | + 8 | 2.8 | +1.2 | 1.2 | 0 | 0 | 10 | 00 | 1 | 6 | 3 | 0 | 0 | 0 | 0 | 20 | 0 |
| Jamshedpur (P.B.O.) | 0530 | 142 | 1012.4 | 995.9 | .. | 18.7 | 17.4 | 16.5 | 18.8 | 87 | .. | 3.9 | .. | 1.4 | 0 | 0 | 8 | 00 | 1 | 2 | 0 | 0 | 0 | 0 | 5 | 22 | 0 |
| | 0830 | 142 | 1014.5 | 998.2 | -1.4 | 22.3 | 19.0 | 16.9 | 19.3 | 72 | + 2 | 3.8 | +2.2 | 2.9 | 0 | 0 | 14 | 00 | 3 | 3 | 0 | 1 | 0 | 0 | 7 | 16 | 0 |
| | 1130 | 142 | 1012.9 | 996.8 | .. | 27.2 | 20.2 | 15.8 | 17.9 | 51 | .. | 3.3 | .. | 3.5 | 0 | 0 | 18 | 05 | 2 | 4 | 0 | 1 | 0 | 3 | 3 | 12 | 0 |
| | 1430 | 142 | 1010.1 | 994.2 | .. | 28.8 | 20.3 | 14.9 | 16.9 | 44 | .. | 3.4 | .. | 3.5 | 0 | 0 | 20 | 02 | 2 | 5 | 1 | 0 | 0 | 1 | 9 | 10 | 0 |
| | 1730 | 142 | 1010.5 | 994.4 | -1.3 | 26.1 | 20.4 | 16.9 | 19.3 | 58 | + 6 | 3.4 | +1.5 | 1.5 | 0 | 0 | 8 | 01 | 1 | 5 | 1 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 2030 | 142 | 1012.4 | 996.2 | .. | 22.3 | 19.9 | 18.5 | 21.3 | 80 | .. | 2.2 | .. | 1.7 | 0 | 0 | 8 | 00 | 5 | 2 | 1 | 0 | 0 | 0 | 0 | 22 | 0 |
| | 2330 | 142 | 1012.6 | 996.2 | .. | 20.7 | 18.9 | 17.8 | 20.4 | 83 | .. | 2.2 | .. | 1.3 | 0 | 0 | 6 | 00 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 24 | 0 |
| Chaibasa | 0830 | 226 | 1014.4 | 988.5 | -0.9 | 22.6 | 19.4 | 17.5 | 20.0 | 74 | + 3 | 4.5 | +2.3 | 0.8 | 0 | 0 | 7 | 01 | 4 | 0 | 1 | 0 | 1 | 0 | 0 | 23 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| BIHAR PLATEAU (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chaibasa (Contd.) | 1730 | 226 | 1010.6 | 985.1 | -0.7 | 25.9 | 20.3 | 16.9 | 19.3 | 59 | + 3 | 3.8 | +1.2 | 0.4 | 0 | 0 | 5 | 00 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 25 | 0 |
| BIHAR PLAINS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Motihari | 0830 | 66 | 1014.9 | 1007.1 | -0.5 | 20.9 | 18.5 | 17.0 | 19.4 | 79 | + 3 | 2.3 | +1.6 | 1.7 | 0 | 0 | 18 | 00 | 4 | 3 | 1 | 0 | 4 | 4 | 2 | 12 | 0 |
| | 1730 | 66 | 1011.0 | 1003.4 | -0.7 | 22.9 | 20.0 | 18.3 | 21.0 | 76 | + 4 | 2.0[b] | +1.4 | 0.6[b] | 0 | 0 | 7 | 01 | 0 | 0 | 0 | 1 | 0 | 4 | 1 | 22 | 0 |
| Forbesganj | 0830 | 61 | 1014.7 | 1007.7 | -0.8 | 20.7 | 18.6 | 17.3 | 19.7 | 81 | + 5 | 2.6 | +1.7 | 2.3 | 0 | 0 | 26 | 00 | 6 | 6 | 5 | 0 | 0 | 6 | 3 | 4 | 0 |
| | 1730 | 61 | 1011.0 | 1004.1 | -0.6 | 23.6 | 20.1 | 18.1 | 20.8 | 71 | + 5 | 2.6 | +1.6 | 0.9 | 0 | 0 | 12 | 00 | 1 | 1 | 0 | 0 | 0 | 10 | 0 | 18 | 0 |
| Darbhanga | 0830 | 49 | 1014.9 | 1009.3 | -0.5 | 24.4 | 19.8 | 17.0 | 19.4 | 66 | -11 | 2.0 | +1.1 | 1.0 | 0 | 0 | 11 | 00 | 2 | 4 | 1 | 0 | 0 | 2 | 2 | 19 | 0 |
| | 1730 | 49 | 1010.5 | 1005.0 | -1.2 | 25.4 | 20.6 | 17.8 | 20.4 | 64 | + 0 | 1.6 | +0.9 | 0.1 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Muzaffarpur | 0830 | | .. | .. | .. | 20.8 | 18.4 | 16.9 | 19.3 | 78 | .. | 2.8 | .. | 1.1 | 0 | 0 | 11 | 03 | 1 | 1 | 0 | 2 | 0 | 2 | 2 | 19 | 0 |
| | 1730 | | .. | .. | .. | 23.7 | 20.3 | 18.3 | 21.0 | 72 | .. | 2.5 | .. | 0.5 | 0 | 0 | 4 | 00 | 0 | 1 | 0 | 0 | 0 | 1 | 2 | 26 | 0 |
| Chapra | 0830 | 58 | 1014.3 | 1007.6 | .. | 21.3 | 17.5 | 14.9 | 16.9 | 68 | .. | 2.6 | .. | 1.6 | 0 | 0 | 24 | 00 | 3 | 2 | 2 | 0 | 10 | 2 | 5 | 6 | 0 |
| | 1730 | 58 | 1011.4 | 1004.8 | .. | 25.1 | 18.9 | 14.7 | 16.7 | 55 | .. | 2.3 | .. | 1.5 | 0 | 0 | 19 | 00 | 1 | 0 | 0 | 0 | 10 | 4 | 4 | 11 | 0 |
| Purnea | 0830 | 38 | 1015.1 | 1010.7 | -0.4 | 21.6 | 18.9 | 17.3 | 19.7 | 77 | + 0 | 2.6 | +1.5 | 0.5 | 0 | 0 | 8 | 00 | 0 | 5 | 0 | 0 | 0 | 3 | 0 | 22 | 0 |
| | 1730 | 38 | 1011.4 | 1007.0 | -0.3 | 23.0 | 20.3 | 18.7 | 21.6 | 77 | + 4 | 2.3 | +1.5 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Patna | 0830 | 53 | 1014.7 | 1008.6 | -0.9 | 21.3 | 17.5 | 14.9 | 16.8 | 68 | + 6 | 4.1 | +3.0 | 4.3 | 0 | 0 | 28 | 01 | 5 | 1 | 2 | 3 | 9 | 5 | 2 | 2 | 0 |
| | 1730 | 53 | 1011.3 | 1005.3 | -0.7 | 24.8 | 19.0 | 15.2 | 17.3 | 57 | + 5 | 2.6 | +1.6 | 3.9 | 0 | 0 | 23 | 02 | 7 | 1 | 0 | 1 | 2 | 9 | 1 | 7 | 0 |
| Patna Aerodrome | 0530 | 60 | 1012.7 | 1005.9 | .. | 17.0 | 15.7 | 14.8 | 16.8 | 86 | .. | 3.1 | .. | 2.4 | 0 | 0 | 12 | 02 | 3 | 0 | 1 | 1 | 1 | 2 | 2 | 18 | 0 |
| | 0830 | 60 | 1014.9 | 1008.0 | -0.7 | 21.7 | 17.6 | 14.7 | 16.7 | 67 | + 0 | 4.1 | +3.2 | 5.5 | 0 | 0 | 23 | 00 | 1 | 3 | 2 | 0 | 7 | 5 | 3 | 7 | 2 |
| | 1130 | 60 | 1013.9 | 1007.1 | .. | 27.1 | 19.0 | 13.4 | 15.4 | 46 | .. | 4.0 | .. | 7.9 | 0 | 1 | 27 | 02 | 4 | 3 | 1 | 0 | 5 | 6 | 4 | 2 | 3 |
| | 1430 | 60 | 1010.7 | 1004.0 | .. | 28.2 | 19.3 | 12.4 | 14.1 | 43 | .. | 3.9 | .. | 8.0 | 0 | 3 | 23 | 03 | 4 | 2 | 1 | 0 | 3 | 5 | 8 | 4 | 0 |
| | 1730 | 60 | 1011.3 | 1004.4 | -0.4 | 24.5 | 18.8 | 15.0 | 17.0 | 57 | + 1 | 3.6 | +2.6 | 2.3 | 0 | 0 | 12 | 03 | 2 | 1 | 0 | 0 | 0 | 3 | 3 | 18 | 0 |
| | 2030 | 60 | 1013.0 | 1006.1 | .. | 20.5 | 17.5 | 15.5 | 17.6 | 73 | .. | 2.6 | .. | 1.3 | 0 | 0 | 7 | 01 | 2 | 1 | 0 | 1 | 0 | 1 | 1 | 23 | 0 |
| | 2330 | 60 | 1013.2 | 1006.2 | .. | 19.0 | 16.8 | 15.3 | 17.4 | 79 | .. | 3.0 | .. | 2.4 | 0 | 0 | 9 | 01 | 2 | 2 | 0 | 0 | 0 | 4 | 0 | 21 | 0 |
| Bhagalpur | 0530 | 49 | 1012.8 | 1007.1 | .. | 18.5 | 16.7 | 15.5 | 17.6 | 83 | .. | 4.3 | .. | 2.1 | 0 | 0 | 20 | 01 | 2 | 1 | 6 | 4 | 4 | 2 | 0 | 10 | 0 |
| | 0830 | 49 | 1014.9 | 1009.3 | -1.0 | 22.2 | 18.6 | 16.3 | 18.5 | 70 | + 2 | 4.1 | +3.2 | 3.3 | 0 | 0 | 29 | 02 | 3 | 5 | 7 | 2 | 4 | 5 | 1 | 1 | 0 |
| | 1130 | 49 | 1013.9 | 1008.3 | .. | 25.7 | 19.5 | 15.5 | 17.6 | 55 | .. | 4.2 | .. | 3.9 | 0 | 0 | 30 | 04 | 4 | 2 | 3 | 2 | 0 | 6 | 9 | 0 | 0 |
| | 1730 | 49 | 1011.3 | 1005.8 | -0.8 | 24.3 | 19.5 | 16.5 | 18.8 | 62 | - 2 | 4.2 | +3.1 | 3.5 | 0 | 0 | 28 | 06 | 3 | 2 | 2 | 0 | 1 | 2 | 12 | 2 | 0 |
| | 2330 | 49 | 1013.0 | 1007.4 | .. | 20.4 | 18.0 | 16.4 | 18.6 | 78 | .. | 3.2 | .. | 3.1 | 0 | 1 | 22 | 02 | 4 | 2 | 3 | 2 | 2 | 3 | 5 | 7 | 0 |
| Sabaur | 0830 | 37 | 1015.0 | 1010.6 | -0.5 | 21.5 | 18.8 | 17.1 | 19.5 | 76 | + 3 | 3.3 | +1.8 | 3.1 | 0 | 0 | 23 | 03 | 3 | 1 | 4 | 0 | 6 | 4 | 2 | 7 | 0 |
| | 1730 | 37 | 1011.0 | 1006.7 | -0.9 | 24.2 | 21.0 | 19.2 | 22.2 | 74 | + 3 | 3.4 | +2.0 | 1.7 | 0 | 0 | 12 | 03 | 0 | 1 | 0 | 0 | 0 | 0 | 8 | 18 | 0 |
| Jamui | 0830 | 82 | 1013.0 | 1003.7 | -2.4 | 22.2 | 18.3 | 15.7 | 17.8 | 68 | - 8 | 2.5 | +1.2 | 7.0 | 0 | 0 | 20 | 01 | 2 | 7 | 0 | 1 | 1 | 4 | 4 | 0 | 0 |
| | 1730 | 82 | 1009.5 | 1000.2 | -2.5 | 26.2 | 21.2 | 18.4 | 21.1 | 63 | + 2 | 2.3 | +1.2 | 7.2 | 0 | 0 | 21 | 00 | 2 | 3 | 0 | 1 | 0 | 13 | 2 | 0 | 0 |
| Dehri | 0830 | 107 | 1014.5 | 1002.1 | -1.3 | 22.5 | 18.0 | 14.9 | 16.9 | 64 | + 0 | 4.2 | +3.2 | 2.1 | 0 | 0 | 28 | 04 | 4 | 2 | 4 | 5 | 4 | 3 | 2 | 2 | 0 |
| | 1730 | 107 | 1011.0 | 998.8 | -0.9 | 26.3 | 19.3 | 14.7 | 16.7 | 51 | - 1 | 3.7 | +2.9 | 2.3 | 0 | 0 | 28 | 00 | 14 | 2 | 0 | 0 | 1 | 6 | 5 | 2 | 0 |
| Gaya | 0230 | 116 | 1012.9 | 999.3 | .. | 18.3 | 15.3 | 13.0 | 15.0 | 71 | .. | 3.0 | .. | 3.5 | 0 | 0 | 20 | 01 | 4 | 4 | 7 | 3 | 1 | 0 | 0 | 10 | 0 |
| | 0530 | 116 | 1013.0 | 999.4 | .. | 17.3 | 14.9 | 13.0 | 15.0 | 76 | .. | 2.9 | .. | 3.5 | 0 | 0 | 22 | 00 | 2 | 2 | 8 | 6 | 3 | 0 | 1 | 8 | 0 |
| | 0830 | 116 | 1014.9 | 1001.5 | -0.8 | 22.0 | 17.1 | 13.6 | 15.6 | 60 | - 6 | 3.6 | +2.5 | 5.8 | 0 | 0 | 27 | 01 | 5 | 1 | 3 | 9 | 4 | 2 | 2 | 3 | 0 |
| | 1130 | 116 | 1014.1 | 1001.0 | .. | 27.6 | 18.6 | 12.1 | 14.1 | 41 | .. | 3.7 | .. | 8.7 | 0 | 0 | 30 | 05 | 7 | 1 | 2 | 1 | 3 | 3 | 8 | 0 | 0 |
| | 1430 | 116 | 1011.3 | 998.3 | .. | 28.7 | 18.7 | 11.3 | 13.4 | 37 | .. | 3.6 | .. | 12.3 | 0 | 4 | 26 | 09 | 4 | 2 | 0 | 0 | 0 | 5 | 10 | 0 | 0 |
| | 1730 | 116 | 1011.3 | 998.1 | -0.5 | 25.8 | 18.2 | 12.8 | 14.8 | 47 | + 0 | 3.4 | +2.1 | 7.1 | 0 | 0 | 29 | 07 | 5 | 3 | 0 | 0 | 0 | 4 | 10 | 1 | 0 |
| | 2030 | 116 | 1013.1 | 999.7 | .. | 21.9 | 17.0 | 13.5 | 15.5 | 60 | .. | 2.8 | .. | 5.1 | 0 | 0 | 27 | 04 | 7 | 2 | 2 | 1 | 5 | 2 | 4 | 3 | 0 |
| | 2330 | 116 | 1013.5 | 1000.0 | .. | 19.5 | 15.9 | 13.2 | 15.2 | 66 | .. | 2.8 | .. | 3.3 | 0 | 0 | 21 | 02 | 2 | 4 | 6 | 3 | 2 | 2 | 0 | 9 | 0 |
| UTTAR PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kheri | 0830 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 147 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Bahraich | 0830 | 124 | 1004.8 | 1000.4 | -0.3 | 19.3 | 16.2 | 13.7 | 15.7 | 71 | - 1 | 2.0 | +1.4 | 2.6 | 0 | 0 | 15 | 00 | 1 | 2 | 2 | 0 | 0 | 4 | 6 | 15 | 0 |
| | 1730 | 124 | 1010.9 | 997.0 | -0.9 | 25.4 | 19.3 | 15.3 | 17.4 | 55 | + 4 | 2.8 | +2.1 | 1.7 | 0 | 0 | 8 | 00 | 0 | 0 | 1 | 0 | 3 | 4 | 0 | 22 | 0 |
| Nautanwa | 0830 | 99 | 1013.7 | 1002.1 | -2.7 | 19.3 | 17.3 | 15.9 | 18.1 | 81 | - 3 | 1.2 | +0.9 | .. | . | .. | .. | 02 | 4 | 10 | 3 | 2 | 1 | 0 | 1 | 7 | 0 |
| | 1730 | 99 | 1010.1 | 998.8 | -2.6 | 24.4 | 18.8 | 15.1 | 17.1 | 57 | - 4 | 1.1 | +0.8 | .. | . | .. | .. | 00 | 0 | 2 | 0 | 1 | 5 | 0 | 2 | 20 | 0 |
| Hardoi | 0830 | 142 | 1015.4 | 998.8 | -0.2 | 19.7 | 15.1 | 11.1 | 13.2 | 59 | -15 | 1.4 | +1.0 | 1.8 | 0 | 0 | 22 | 07 | 0 | 3 | 0 | 0 | 1 | 9 | 2 | 6 | 0 |
| | 1730 | 142 | 1011.6 | 995.6 | -0.6 | 23.7 | 17.3 | 12.4 | 14.4 | 49 | - 4 | 1.5 | +0.9 | 1.5 | 0 | 0 | 21 | 04 | 0 | 1 | 1 | 0 | 0 | 14 | 1 | 9 | 0 |
| Gonda | 0830 | 110 | 1015.2 | 1002.4 | -0.5 | 21.5 | 16.7 | 12.7 | 14.7 | 59 | -19 | 1.6 | +1.0 | 2.4 | 0 | 0 | 20 | 04 | 0 | 6 | 0 | 0 | 0 | 4 | 6 | 10 | 0 |
| | 1730 | 110 | 1010.7 | 998.2 | -1.8 | 24.5 | 18.9 | 15.5 | 17.6 | 57 | - 2 | 1.7 | +1.0 | 0.4 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 25 | 0 |
| Lucknow | 0830 | 111 | 1014.2 | 1001.3 | -1.4 | 18.2 | 14.8 | 11.9 | 13.9 | 68 | - 3 | 1.5 | +0.9 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 28 | 0 |
| | 1730 | 111 | 1011.2 | 998.7 | -0.8 | 26.5 | 19.0 | 13.9 | 15.8 | 48 | - 7 | 2.0 | +1.4 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 28 | 0 |
| Lucknow (Amausi) | 0230 | 128 | 1012.6 | 997.6 | .. | 15.5 | 13.2 | 11.1 | 13.2 | 76 | .. | 1.5 | .. | 5.8 | 0 | 0 | 26 | 08 | 2 | 2 | 1 | 3 | 4 | 6 | 0 | 4 | 0 |
| | 0530 | 128 | 1012.9 | 997.7 | .. | 14.1 | 12.3 | 10.5 | 12.9 | 79 | .. | 1.8 | .. | 5.9 | 0 | 0 | 24 | 04 | 3 | 2 | 1 | 1 | 3 | 3 | 7 | 6 | 0 |
| | 0830 | 128 | 1015.0 | 999.8 | -1.5 | 19.2 | 14.8 | 10.9 | 13.0 | 60 | - 6 | 2.1 | +1.6 | 6.9 | 0 | 1 | 26 | 04 | 2 | 3 | 1 | 2 | 2 | 6 | 7 | 3 | 0 |
| | 1130 | 128 | 1014.1 | 999.6 | .. | 26.6 | 17.0 | 8.3 | 10.9 | 34 | .. | 2.5 | .. | 11.2 | 0 | 0 | 27 | 03 | 0 | 1 | 3 | 1 | 1 | 3 | 10 | 3 | 5 |
| | 1430 | 128 | 1011.3 | 996.9 | .. | 28.2 | 17.4 | 7.7 | 10.5 | 31 | .. | 2.4 | .. | 13.0 | 0 | 5 | 25 | 05 | 2 | 3 | 2 | 0 | 1 | 3 | 14 | 0 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH, EAST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lucknow(Amausi) (Contd.) | 1730 | 128 | 1011.2 | 996.6 | -1.6 | 24.2 | 17.2 | 11.6 | 13.7 | 47 | - 7 | 2.6 | +2.0 | 2.8 | 0 | 0 | 17 | 03 | 1 | 1 | 1 | 4 | 0 | 3 | 4 | 13 | 0 |
| | 2030 | 128 | 1012.9 | 998.0 | .. | 18.5 | 14.9 | 12.0 | 14.0 | 66 | .. | 1.9 | .. | 6.4 | 0 | 0 | 28 | 05 | 1 | 3 | 2 | 3 | 1 | 5 | 8 | 2 | 0 |
| | 2330 | 128 | 1013.6 | 998.3 | .. | 16.5 | 13.9 | 11.6 | 13.6 | 74 | .. | 1.5 | .. | 6.7 | 0 | 8 | 22 | 02 | 4 | 1 | 2 | 2 | 4 | 4 | 11 | 0 | 0 |
| Faizabad | 0830 | 102 | 1014.5 | 1002.6 | -1.6 | 19.4 | 16.1 | 13.5 | 15.5 | 70 | - 7 | 2.4 | +1.2 | 1.4 | 0 | 0 | 13 | 00 | 2 | 0 | 3 | 1 | 1 | 5 | 1 | 17 | 0 |
| | 1730 | 102 | 1011.3 | 999.6 | -1.4 | 22.9 | 18.3 | 15.1 | 17.1 | 63 | - 5 | 2.9 | +1.7 | 0.4 | 0 | 0 | 4 | 00 | 0 | 1 | 1 | 0 | 1 | 1 | 0 | 26 | 0 |
| Gorakhpur | 0830 | 77 | 1014.6 | 1005.7 | -0.4 | 21.2 | 16.8 | 13.7 | 15.7 | 64 | - 5 | 2.1 | +1.4 | 1.3 | 0 | 0 | 20 | 02 | 2 | 3 | 0 | 1 | 0 | 12 | 0 | 10 | 0 |
| | 1730 | 77 | 1011.5 | 1002.8 | -0.1 | 25.7 | 18.7 | 13.7 | 15.7 | 50 | - 5 | 2.3 | +1.4 | 0.8 | 0 | 0 | 12 | 00 | 1 | 0 | 1 | 2 | 0 | 6 | 2 | 18 | 0 |
| Gorakhpur (P.B.O.) | 0230 | 78 | 1012.1 | 1003.1 | .. | 18.8 | 16.4 | 14.5 | 16.5 | 78 | .. | 1.6 | .. | 1.3 | 0 | 0 | 7 | 00 | 2 | 0 | 0 | 2 | 2 | 1 | 0 | 23 | 0 |
| | 0530 | 78 | 1012.4 | 1003.3 | .. | 17.8 | 15.6 | 14.1 | 16.1 | 79 | .. | 2.2 | .. | 2.2 | 0 | 0 | 14 | 03 | 3 | 1 | 0 | 1 | 2 | 3 | 1 | 16 | 0 |
| | 1130 | 78 | 1014.0 | 1005.1 | .. | 24.5 | 17.8 | 13.2 | 15.2 | 53 | .. | 2.6 | .. | 5.5 | 0 | 0 | 27 | 02 | 1 | 2 | 3 | 4 | 4 | 8 | 3 | 3 | 0 |
| | 1430 | 78 | 1011.1 | 1002.3 | .. | 26.5 | 17.8 | 12.7 | 14.7 | 46 | .. | 2.6 | .. | 5.9 | 0 | 0 | 29 | 03 | 1 | 3 | 1 | 6 | 2 | 7 | 6 | 1 | 0 |
| | 2030 | 78 | 1012.5 | 1003.5 | .. | 21.4 | 17.7 | 15.5 | 17.6 | 74 | .. | 1.7 | .. | 1.5 | 0 | 0 | 15 | 01 | 0 | 1 | 3 | 3 | 3 | 3 | 1 | 15 | 0 |
| | 2330 | 78 | 1013.0 | 1003.9 | .. | 19.8 | 16.8 | 14.7 | 16.7 | 74 | .. | 2.2 | .. | 0.9 | 0 | 0 | 7 | 00 | 1 | 0 | 2 | 0 | 1 | 3 | 0 | 23 | 0 |
| Kanpur | 0830 | 126 | 1014.7 | 999.7 | -1.4 | 18.4 | 14.9 | 11.7 | 13.7 | 67 | + 1 | 1.6 | +0.9 | 2.0 | 0 | 0 | 14 | 08 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 16 | 0 |
| | 1730 | 126 | 1011.0 | 996.7 | -1.5 | 26.3 | 18.6 | 12.7 | 14.7 | 46 | + 3 | 2.0 | +1.5 | 1.7 | 0 | 0 | 12 | 06 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 18 | 0 |
| Kanpur (Aerodrome) | 0530 | 126 | 1013.0 | 998.2 | .. | 16.1 | 14.5 | 12.9 | 14.9 | 81 | .. | 1.8 | .. | 3.1 | 0 | 0 | 12 | 02 | 3 | 2 | 2 | 0 | 0 | 1 | 2 | 18 | 0 |
| | 0830 | 126 | 1014.8 | 1000.3 | .. | 20.1 | 16.3 | 13.2 | 15.2 | 66 | .. | 2.4 | .. | 4.9 | 0 | 0 | 25 | 08 | 4 | 2 | 1 | 1 | 1 | 3 | 4 | 5 | 1 |
| | 1130 | 126 | 1014.2 | 999.9 | .. | 26.8 | 19.4 | 13.9 | 15.9 | 47 | .. | 2.2 | .. | 8.8 | 0 | 0 | 28 | 11 | 5 | 5 | 2 | 1 | 1 | 2 | 1 | 2 | 0 |
| | 1730 | 126 | 1011.2 | 997.0 | .. | 25.6 | 20.0 | 16.1 | 18.3 | 58 | .. | 2.8 | .. | 4.6 | 0 | 0 | 21 | 05 | 5 | 3 | 1 | 1 | 0 | 0 | 6 | 9 | 0 |
| | 2330 | 126 | 1013.8 | 998.7 | .. | 19.1 | 16.2 | 14.4 | 16.4 | 75 | .. | 1.2 | .. | 4.6 | 0 | 0 | 17 | 06 | 2 | 1 | 3 | 2 | 0 | 0 | 3 | 13 | 0 |
| Sultanpur | 0830 | 97 | 1015.4 | 1004.2 | -0.9 | 21.0 | 16.4 | 12.7 | 14.7 | 62 | - 3 | 2.4 | +1.4 | 1.7 | 0 | 0 | 18 | 00 | 0 | 5 | 0 | 0 | 3 | 6 | 4 | 12 | 0 |
| | 1730 | 97 | 1011.2 | 1000.3 | -1.0 | 26.5 | 19.0 | 13.8 | 15.8 | 49 | - 2 | 3.0 | +2.0 | 0.9 | 0 | 0 | 13 | 00 | 0 | 3 | 1 | 1 | 1 | 4 | 3 | 17 | 0 |
| Azamgarh | 0830 | 78 | 1015.1 | 1006.0 | -0.1 | 20.6 | 17.3 | 14.8 | 16.8 | 72 | - 1 | 2.9 | +2.6 | 1.9 | 0 | 0 | 14 | 01 | 0 | 1 | 0 | 2 | 0 | 10 | 0 | 16 | 0 |
| | 1730 | 78 | 1011.1 | 1002.3 | -0.5 | 24.2 | 19.9 | 17.1 | 19.5 | 66 | + 2 | 2.3 | +2.1 | 0.7 | 0 | 0 | 6 | 01 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 24 | 0 |
| Fatehpur | 0830 | 114 | 1014.9 | 1001.7 | -0.8 | 21.1 | 16.3 | 12.1 | 14.1 | 59 | - 4 | 2.4 | +1.6 | 2.6 | 0 | 0 | 22 | 06 | 4 | 5 | 2 | 0 | 1 | 2 | 2 | 6 | 0 |
| | 1730 | 114 | 1010.9 | 997.9 | -1.3 | 25.8 | 18.8 | 13.8 | 15.8 | 51 | + 4 | 2.8 | +1.9 | 0.9 | 0 | 0 | 11 | 02 | 2 | 0 | 2 | 1 | 1 | 2 | 1 | 19 | 0 |
| Ballia | 0830 | 64 | 1015.2 | 1007.6 | -1.5 | 20.4 | 17.9 | 16.1 | 18.3 | 77 | + 6 | 3.4 | +2.7 | 0.7 | 0 | 0 | 10 | 00 | 1 | 3 | 0 | 0 | 1 | 5 | 0 | 20 | 0 |
| | 1730 | 64 | 1011.9 | 1004.5 | -1.2 | 24.7 | 20.7 | 18.1 | 20.8 | 69 | +15 | 3.2 | +2.4 | 0.1 | 0 | 0 | 1 | 00 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Banda | 0830 | 121 | 1015.2 | 1001.1 | -1.3 | 21.3 | 16.7 | 13.3 | 15.3 | 63 | + 2 | 2.3 | +1.7 | 0.7 | 0 | 0 | 10 | 01 | 1 | 1 | 4 | 0 | 1 | 0 | 2 | 20 | 0 |
| | 1730 | 121 | 1011.8 | 998.0 | -0.9 | 25.8 | 19.6 | 15.4 | 17.9 | 56 | + 7 | 2.4 | +1.7 | 0.3 | 0 | 0 | 4 | 00 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 26 | 0 |
| Allahabad (Bamhrauli) | 0230 | 98 | 1012.9 | 1001.4 | .. | 18.4 | 16.6 | 15.4 | 17.5 | 82 | .. | 2.5 | .. | 0.7 | 0 | 0 | 10 | 00 | 1 | 2 | 1 | 1 | 0 | 2 | 3 | 20 | 0 |
| | 0530 | 98 | 1013.0 | 1001.5 | .. | 17.1 | 15.6 | 14.7 | 16.7 | 86 | .. | 2.8 | .. | 1.1 | 0 | 0 | 11 | 00 | 4 | 2 | 2 | 1 | 1 | 0 | 1 | 19 | 0 |
| | 0830 | 98 | 1015.0 | 1003.6 | -0.8 | 20.6 | 17.9 | 15.8 | 17.9 | 75 | + 9 | 3.4 | +2.3 | 1.1 | 0 | 0 | 12 | 03 | 3 | 2 | 0 | 1 | 0 | 2 | 1 | 18 | 0 |
| | 1130 | 98 | 1014.4 | 1003.3 | .. | 27.0 | 21.1 | 17.7 | 20.2 | 59 | .. | 3.3 | .. | 3.1 | 0 | 0 | 25 | 05 | 6 | 2 | 0 | 3 | 1 | 2 | 6 | 5 | 0 |
| | 1430 | 98 | 1011.6 | 1000.6 | .. | 28.4 | 22.1 | 18.6 | 21.4 | 58 | .. | 3.4 | .. | 3.9 | 0 | 0 | 26 | 06 | 5 | 2 | 0 | 0 | 0 | 2 | 11 | 4 | 0 |
| | 1730 | 98 | 1011.5 | 1000.6 | -0.7 | 25.4 | 20.9 | 18.2 | 20.9 | 67 | +22 | 3.4 | +2.2 | 1.5 | 0 | 0 | 12 | 04 | 2 | 2 | 1 | 0 | 1 | 1 | 1 | 18 | 0 |
| | 2030 | 98 | 1013.0 | 1001.7 | .. | 21.3 | 18.6 | 16.7 | 19.0 | 76 | .. | 2.5 | .. | 0.9 | 0 | 0 | 8 | 01 | 4 | 0 | 0 | 1 | 0 | 2 | 0 | 22 | 0 |
| | 2330 | 98 | 1013.4 | 1002.0 | .. | 19.3 | 17.3 | 16.0 | 18.2 | 82 | .. | 2.2 | .. | 0.7 | 0 | 0 | 8 | 00 | 3 | 1 | 0 | 2 | 0 | 1 | 1 | 22 | 0 |
| Varanasi (Babatpur) | 0530 | 85 | 1013.8 | 1003.7 | .. | 16.9 | 15.0 | 13.5 | 15.5 | 81 | .. | 3.2 | .. | 2.1 | 0 | 0 | 12 | 01 | 0 | 4 | 0 | 0 | 4 | 3 | 0 | 18 | 0 |
| | 0830 | 85 | 1015.9 | 1005.9 | -0.6 | 21.1 | 17.1 | 13.9 | 15.9 | 66 | + 3 | 3.4 | +2.6 | 6.5 | 0 | 0 | 29 | 03 | 2 | 5 | 0 | 1 | 11 | 3 | 1 | 1 | 3 |
| | 1130 | 85 | 1014.9 | 1005.1 | .. | 26.6 | 18.2 | 11.4 | 13.5 | 44 | .. | 3.6 | .. | 8.0 | 0 | 0 | 28 | 01 | 2 | 7 | 2 | 0 | 2 | 3 | 7 | 2 | 4 |
| | 1730 | 85 | 1012.2 | 1002.4 | -0.9 | 25.0 | 18.4 | 13.5 | 15.5 | 53 | + 5 | 3.6 | +2.7 | 4.1 | 0 | 0 | 20 | 02 | 1 | 2 | 0 | 0 | 1 | 5 | 7 | 10 | 2 |
| | 2330 | 85 | 1014.1 | 1004.1 | .. | 18.8 | 16.1 | 14.0 | 16.0 | 75 | .. | 2.7 | .. | 2.3 | 0 | 0 | 10 | 01 | 1 | 3 | 0 | 0 | 0 | 2 | 0 | 20 | 3 |
| Varanasi | 0830 | 76 | 1014.5 | 1005.7 | -1.0 | 20.9 | 17.7 | 15.2 | 17.3 | 71 | + 4 | 3.6 | +2.6 | 1.6 | 0 | 0 | 19 | 01 | 3 | 4 | 1 | 0 | 1 | 7 | 2 | 11 | 0 |
| | 1730 | 76 | 1011.0 | 1002.7 | -0.8 | 26.8 | 19.3 | 14.0 | 16.0 | 50 | + 3 | 3.8 | +3.0 | 1.1 | 0 | 0 | 12 | 02 | 0 | 3 | 0 | 0 | 0 | 2 | 5 | 18 | 0 |
| UTTAR PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mukhim | 0830 | | .. | .. | .. | 12.7 | 7.4 | 1.6 | 6.9 | 45 | - 8 | 2.0 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 12.1 | 7.0 | 0.9 | 6.5 | 48 | - 9 | 1.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Tehri | 0830 | 770 | 1030.1 | 940.5 | .. | 11.3 | 9.5 | 7.9 | 10.7 | 80 | - 1 | 1.3 | -0.2 | 0.5 | 0 | 0 | 8 | 03 | 3 | 1 | 0 | 1 | 0 | 0 | 0 | 22 | 0 |
| | 1130 | 770 | 1025.9 | 939.8 | .. | 19.4 | 12.9 | 7.1 | 10.1 | 47 | .. | 1.2 | .. | 1.5 | 0 | 0 | 18 | 03 | 3 | 1 | 1 | 0 | 2 | 1 | 4 | 12 | 3 |
| | 1730 | 770 | 1020.8 | 934.5 | .. | 19.4 | 13.3 | 7.4 | 10.3 | 46 | - 7 | 0.8 | -0.6 | 1.2 | 0 | 0 | 14 | 00 | 0 | 1 | 5 | 4 | 3 | 1 | 0 | 16 | 0 |
| Dehra Dun | 0530 | 682 | 1012.7 | 936.2 | .. | 12.3 | 10.2 | 8.2 | 10.9 | 76 | .. | 0.7 | .. | 0.6 | 0 | 0 | 8 | 03 | 2 | 0 | 1 | 0 | 0 | 0 | 2 | 22 | 0 |
| | 0830 | 682 | 1015.5 | 937.7 | -0.4 | 15.1 | 12.0 | 9.3 | 11.7 | 69 | - 1 | 0.9 | +0.0 | 0.3 | 0 | 0 | 4 | 04 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 1130 | 682 | 1014.2 | 938.2 | .. | 22.3 | 15.2 | 9.7 | 12.0 | 45 | .. | 0.9 | .. | 1.7 | 0 | 0 | 21 | 00 | 0 | 0 | 1 | 11 | 6 | 3 | 0 | 9 | 0 |
| | 1730 | 682 | 1011.5 | 935.5 | -0.7 | 21.1 | 15.8 | 12.2 | 14.2 | 57 | - 4 | 0.9 | -0.3 | 0.1 | 0 | 0 | 2 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 28 | 0 |
| | 2330 | 682 | 1014.7 | 936.9 | .. | 14.9 | 11.6 | 8.7 | 11.2 | 67 | .. | 0.8 | .. | 1.4 | 0 | 0 | 16 | 09 | 5 | 0 | 0 | 0 | 1 | 0 | 1 | 14 | 0 |
| Mussoorie | 0830 | | .. | .. | .. | 10.6 | 5.0 | 2.3 | 5.1 | 40 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 9.8 | 5.5 | 0.4 | 6.3 | 52 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 0830 | 274 | 1015.7 | 983.7 | +0.0 | 15.8 | 12.5 | 9.5 | 11.9 | 67 | - 7 | 0.8 | -0.2 | 0.2 | 0 | 0 | 2 | 00 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 274 | 1012.1 | 980.9 | -0.7 | 22.7 | 15.5 | 9.1 | 11.5 | 42 | - 4 | 0.8 | -0.5 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 29 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| UTTAR PRADESH WEST (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Najibabad | 0830 | 270 | 1016.2 | 984.5 | -0.3 | 14.6 | 12.0 | 9.6 | 11.9 | 72 | - 9 | 0.7 | +0.1 | 2.0 | 0 | 0 | 21 | 07 | 1 | 7 | 1 | 0 | 0 | 2 | 3 | 9 | 0 |
| | 1730 | 270 | 1012.7 | 981.8 | -0.8 | 21.8 | 16.1 | 11.6 | 13.7 | 52 | - 3 | 1.0 | +0.4 | 0.7 | 0 | 0 | 6 | 01 | 0 | 2 | 1 | 0 | 0 | 2 | 0 | 24 | 0 |
| Meerut | 0830 | 222 | 1016.0 | 990.1 | -0.4 | 17.7 | 13.2 | 8.9 | 11.4 | 58 | - 5 | 0.4 | +0.1 | 2.7 | 0 | 0 | 19 | 02 | 2 | 2 | 2 | 0 | 5 | 4 | 11 | 0 |
| Bareilly | 0830 | 173 | 1015.0 | 994.8 | -0.6 | 18.4 | 15.2 | 12.7 | 14.7 | 70 | + 0 | 1.1 | +0.5 | 4.2 | 0 | 0 | 25 | 03 | 1 | 3 | 3 | 1 | 3 | 4 | 7 | 5 | 0 |
| | 1730 | 173 | 1010.9 | 991.3 | -0.8 | 24.1 | 17.7 | 12.9 | 14.9 | 51 | + 4 | 1.2 | +0.4 | 3.0 | 0 | 0 | 26 | 00 | 0 | 3 | 0 | 0 | 2 | 20 | 1 | 4 | 0 |
| Bareilly P.B.O. | 0230 | 172 | 1012.8 | 992.6 | .. | 17.5 | 12.9 | 9.6 | 11.9 | 63 | .. | 0.6 | .. | 3.3 | 0 | 0 | 20 | 04 | 1 | 4 | 0 | 1 | 1 | 5 | 4 | 10 | 0 |
| | 0530 | 172 | 1013.3 | 992.9 | .. | 15.7 | 12.5 | 9.8 | 12.1 | 69 | .. | 1.0 | .. | 3.1 | 0 | 0 | 20 | 01 | 1 | 1 | 5 | 0 | 0 | 9 | 3 | 10 | 0 |
| | 1130 | 172 | 1014.7 | 994.9 | .. | 23.9 | 16.3 | 11.1 | 13.2 | 46 | .. | 1.2 | .. | 5.2 | 0 | 0 | 27 | 02 | 1 | 3 | 2 | 0 | 2 | 5 | 12 | 3 | 0 |
| | 1430 | 172 | 1011.7 | 992.1 | .. | 27.1 | 16.3 | 8.2 | 10.9 | 32 | .. | 1.2 | .. | 6.8 | 0 | 0 | 27 | 04 | 1 | 1 | 3 | 0 | 0 | 6 | 13 | 3 | 0 |
| | 2030 | 172 | 1012.9 | 992.9 | .. | 20.4 | 14.5 | 9.7 | 12.0 | 51 | .. | 0.6 | .. | 1.8 | 0 | 0 | 14 | 01 | 0 | 1 | 2 | 1 | 0 | 4 | 5 | 16 | 0 |
| | 2330 | 172 | 1013.4 | 993.3 | .. | 18.3 | 13.7 | 9.1 | 11.5 | 57 | .. | 0.7 | .. | 2.1 | 0 | 0 | 18 | 01 | 2 | 3 | 1 | 0 | 0 | 4 | 7 | 12 | 0 |
| Aligarh | 0830 | 187 | 1015.9 | 993.5 | -0.5 | 16.9 | 13.1 | 9.4 | 11.8 | 63 | + 6 | 1.7 | +1.1 | 3.9 | 0 | 0 | 25 | 07 | 0 | 3 | 2 | 0 | 3 | 6 | 5 | 5 | 0 |
| | 1730 | 187 | 1012.3 | 990.8 | -0.4 | 24.4 | 17.1 | 11.3 | 13.4 | 46 | + 9 | 1.9 | +1.2 | 1.4 | 0 | 0 | 19 | 07 | 2 | 4 | 0 | 2 | 0 | 3 | 1 | 11 | 0 |
| Mainpuri | 0830 | 157 | 1015.1 | 996.7 | -0.7 | 18.3 | 14.3 | 10.6 | 12.8 | 62 | - 1 | 1.6 | +0.9 | 1.4 | 0 | 0 | 12 | 01 | 1 | 0 | 0 | 0 | 0 | 10 | 0 | 18 | 0 |
| | 1730 | 157 | 1011.6 | 993.5 | -1.0 | 24.3 | 17.7 | 12.8 | 14.8 | 50 | + 6 | 1.3 | +0.5 | 0.4 | 0 | 0 | 4 | 09 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 26 | 0 |
| Agra | 0830 | 169 | 1016.2 | 996.2 | -0.2 | 18.5 | 13.5 | 8.7 | 11.2 | 54 | - 7 | 1.7 | +1.1 | 0.9 | 0 | 0 | 11 | 00 | 5 | 0 | 1 | 0 | 1 | 0 | 4 | 19 | 0 |
| | 1730 | 169 | 1011.7 | 992.6 | -0.8 | 24.5 | 18.0 | 13.3 | 15.3 | 51 | +18 | 2.0 | +1.3 | 0.6 | 0 | 0 | 5 | 00 | 1 | 0 | 1 | 0 | 0 | 0 | 3 | 25 | 0 |
| Agra (Aerodrome) | 0230 | 169 | 1013.4 | 993.6 | .. | 14.9 | 12.9 | 10.9 | 13.0 | 78 | .. | 0.9 | .. | 0.8 | 0 | 0 | 2 | 00 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0530 | 169 | 1013.8 | 993.7 | .. | 13.7 | 12.0 | 10.3 | 12.5 | 81 | .. | 0.9 | .. | 2.8 | 0 | 0 | 8 | 01 | 1 | 2 | 0 | 0 | 1 | 1 | 2 | 22 | 0 |
| | 0830 | 169 | 1015.6 | 995.8 | .. | 17.7 | 14.1 | 11.0 | 13.1 | 66 | .. | 2.0 | .. | 4.9 | 0 | 0 | 19 | 04 | 2 | 3 | 1 | 0 | 1 | 3 | 5 | 11 | 0 |
| | 1130 | 169 | 1014.9 | 995.8 | .. | 26.6 | 17.9 | 11.0 | 13.1 | 40 | .. | 1.7 | .. | 9.4 | 0 | 1 | 27 | 05 | 6 | 4 | 3 | 1 | 2 | 1 | 5 | 2 | 1 |
| | 1730 | 169 | 1011.9 | 992.7 | .. | 24.6 | 18.4 | 13.9 | 15.9 | 53 | .. | 1.4 | .. | 5.6 | 0 | 0 | 23 | 07 | 5 | 2 | 2 | 0 | 0 | 2 | 5 | 7 | 0 |
| | 2330 | 169 | 1013.8 | 994.1 | .. | 16.3 | 13.5 | 11.3 | 13.4 | 73 | .. | 0.4 | .. | 1.3 | 0 | 0 | 3 | 00 | 0 | 0 | 2 | 1 | 0 | 0 | 0 | 27 | 0 |
| Orai | 0830 | 141 | 1015.6 | 999.5 | -1.2 | 25.6 | 18.6 | 13.5 | 15.5 | 49 | - 2 | 1.9 | +1.6 | 3.2 | 0 | 0 | 30 | 04 | 12 | 2 | 2 | 1 | 1 | 2 | 6 | 0 | 0 |
| | 1730 | 141 | 1013.1 | 997.1 | -0.1 | 26.7 | 20.0 | 15.5 | 17.6 | 53 | +14 | 1.7 | +1.2 | 2.4 | 0 | 0 | 29 | 13 | 9 | 1 | 0 | 0 | 0 | 1 | 5 | 1 | 0 |
| Jhansi | 0830 | 251 | 1015.6 | 986.6 | -0.6 | 20.3 | 14.6 | 9.3 | 11.7 | 50 | - 1 | 2.2 | +1.4 | 0.7 | 0 | 0 | 9 | 00 | 1 | 2 | 0 | 0 | 0 | 6 | 0 | 21 | 0 |
| | 1730 | 251 | 1009.9 | 981.8 | -2.4 | 27.1 | 18.1 | 11.1 | 13.2 | 41 | + 9 | 2.0 | +1.2 | 1.3 | 0 | 0 | 14 | 03 | 0 | 4 | 0 | 0 | 0 | 7 | 0 | 16 | 0 |
| PUNJAB (INCLUDING DELHI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pathankot | 0530 | 312 | 1014.9 | 977.8 | .. | 10.4 | 8.5 | 6.2 | 9.5 | 75 | .. | 0.4 | .. | 0.3 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 29 | 0 |
| | 0830 | 312 | 1015.7 | 979.3 | -0.4 | 14.8 | 11.0 | 7.3 | 10.2 | 61 | + 1 | 0.6 | -1.3 | 1.5 | 0 | 0 | 9 | 03 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 1130 | 312 | 1015.7 | 979.9 | .. | 24.0 | 14.7 | 6.1 | 9.4 | 33 | .. | 0.8 | .. | 3.4 | 0 | 1 | 14 | 01 | 2 | 1 | 3 | 5 | 3 | 0 | 0 | 15 | 0 |
| | 1730 | 312 | 1012.7 | 977.1 | -1.2 | 22.2 | 14.3 | 6.3 | 9.5 | 37 | -12 | 1.0 | -1.6 | 2.2 | 0 | 1 | 8 | 02 | 0 | 0 | 0 | 2 | 1 | 4 | 0 | 21 | 0 |
| | 2330 | 312 | 1015.3 | 978.5 | .. | 11.9 | 9.4 | 6.7 | 9.8 | 75 | .. | 0.2 | .. | 0.3 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| Amritsar (Rajasansi) | 0530 | 234 | 1014.9 | 986.7 | .. | 8.5 | 7.3 | 5.8 | 9.2 | 83 | .. | 0.1 | .. | 2.9 | 0 | 0 | 11 | 01 | 1 | 1 | 1 | 1 | 0 | 4 | 2 | 19 | 0 |
| | 0830 | 234 | 1016.3 | 988.4 | -0.6 | 11.6 | 9.4 | 7.2 | 10.1 | 75 | - 4 | 0.7 | -0.7 | 0.5 | 0 | 0 | 3 | 00 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 27 | 0 |
| | 1130 | 234 | 1015.9 | 989.1 | .. | 22.9 | 13.8 | 4.5 | 8.4 | 31 | .. | 0.8 | .. | 2.7 | 0 | 0 | 12 | 02 | 0 | 0 | 0 | 1 | 1 | 3 | 5 | 19 | 0 |
| | 1430 | 234 | 1013.4 | 986.9 | .. | 25.8 | 14.1 | 1.1 | 6.6 | 20 | .. | 0.7 | .. | 5.9 | 0 | 0 | 25 | 04 | 1 | 0 | 0 | 1 | 1 | 6 | 12 | 5 | 0 |
| | 1730 | 234 | 1013.1 | 986.2 | -0.6 | 22.0 | 13.7 | 5.4 | 9.0 | 34 | -11 | 0.7 | -0.8 | 2.7 | 0 | 0 | 15 | 01 | 0 | 0 | 0 | 0 | 2 | 7 | 5 | 15 | 0 |
| | 2030 | 234 | 1014.8 | 987.2 | .. | 14.3 | 10.9 | 7.2 | 10.1 | 63 | .. | 0.4 | .. | 1.5 | 0 | 0 | 10 | 01 | 0 | 1 | 0 | 1 | 0 | 6 | 1 | 20 | 0 |
| Adampur (Aerodrome) | 0830 | 249 | 1016.1 | 986.3 | .. | 12.2 | 10.9 | 8.4 | 11.8 | 84 | .. | 0.7 | .. | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 249 | 1013.2 | 982.2 | .. | 20.1 | 14.2 | 8.9 | 11.4 | 49 | .. | 0.8 | .. | .. | . | .. | .. | 02 | 0 | 0 | 0 | 1 | 2 | 9 | 10 | 6 | 0 |
| Ludhiana | 0830 | 247 | 1015.9 | 986.8 | -0.5 | 14.2 | 10.8 | 7.3 | 10.2 | 64 | + 0 | 0.6 | -0.2 | 0.4 | 0 | 0 | 11 | 01 | 1 | 1 | 0 | 0 | 0 | 2 | 6 | 19 | 0 |
| | 1730 | 247 | 1012.5 | 984.5 | -0.3 | 23.4 | 15.2 | 7.7 | 10.5 | 37 | - 2 | 1.0 | +0.0 | 1.1 | 0 | 0 | 13 | 01 | 2 | 0 | 0 | 0 | 0 | 4 | 6 | 17 | 0 |
| Ferozepur | 0830 | 200 | 1016.9 | 993.5 | +0.7 | 13.8 | 11.5 | 9.2 | 11.6 | 74 | - 5 | 0.2 | -0.8 | 0.3 | 0 | 0 | 5 | 00 | 1 | 0 | 0 | 0 | 0 | 1 | 3 | 25 | 0 |
| | 1730 | 200 | 1013.3 | 990.5 | +0.2 | 24.3 | 16.6 | 10.5 | 12.7 | 42 | - 8 | 0.4 | -0.9 | 0.9 | 0 | 0 | 10 | 02 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 20 | 0 |
| Halwara (Aerodrome) | 0830 | 242 | 1016.1 | 987.5 | .. | 13.3 | 11.0 | 8.6 | 11.2 | 74 | .. | 0.7 | .. | 1.9 | 0 | 0 | 7 | 00 | 3 | 0 | 0 | 0 | 1 | 2 | 1 | 23 | 0 |
| | 1730 | 242 | 1013.0 | 985.2 | .. | 20.9 | 13.1 | 4.9 | 8.7 | 36 | .. | . | .. | 8.6 | 0 | 0 | 27 | 04 | 0 | 1 | 0 | 0 | 0 | 2 | 20 | 3 | 0 |
| Chandigarh | 0830 | 347 | 1014.1 | 973.3 | -2.3 | 15.4 | 11.7 | 8.2 | 10.9 | 62 | + 4 | 0.5 | +0.1 | .. | 0 | 0 | 15 | 00 | 0 | 0 | 0 | 0 | 3 | 0 | 12 | 15 | 0 |
| | 1730 | 347 | 1011.5 | 971.9 | -1.3 | 23.3 | 14.3 | 5.7 | 9.1 | 32 | - 9 | 0.6 | +0.1 | .. | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 21 | 0 |
| Ambala | 0830 | 272 | 1015.1 | 983.3 | -0.4 | 15.9 | 11.6 | 7.3 | 10.6 | 56 | -12 | 0.2 | -0.5 | .. | 0 | 0 | 4 | 00 | 1 | 0 | 0 | 0 | 0 | 1 | 2 | 26 | 0 |
| | 1730 | 272 | 1012.4 | 981.3 | +0.1 | 23.7 | 15.7 | 8.8 | 11.3 | 40 | + 1 | 0.2 | -0.5 | .. | 0 | 0 | 26 | 00 | 6 | 0 | 13 | 0 | 5 | 0 | 2 | 4 | 0 |
| Ambala (P.B.O.) | 0230 | 278 | 1013.8 | 981.2 | .. | 15.2 | 11.2 | 7.8 | 10.6 | 62 | .. | 0.2 | .. | 0.3 | 0 | 0 | 15 | 00 | 0 | 1 | 1 | 0 | 0 | 0 | 13 | 15 | 0 |
| | 0530 | 278 | 1013.9 | 981.3 | .. | 13.3 | 10.1 | 7.4 | 10.3 | 68 | .. | 0.4 | .. | 2.1 | 0 | 0 | 9 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 21 | 0 |
| | 1130 | 278 | 1015.0 | 983.2 | .. | 23.2 | 15.1 | 9.2 | 11.6 | 42 | .. | 0.7 | .. | 0.3 | 0 | 0 | 14 | 00 | 1 | 0 | 5 | 0 | 0 | 0 | 8 | 16 | 0 |
| | 1430 | 278 | 1012.5 | 981.0 | .. | 25.0 | 15.0 | 7.3 | 10.2 | 33 | .. | 1.0 | .. | 0.5 | 0 | 0 | 21 | 02 | 1 | 0 | 4 | 0 | 1 | 0 | 13 | 9 | 0 |
| | 2030 | 278 | 1013.4 | 981.3 | .. | 19.4 | 13.2 | 8.3 | 10.9 | 50 | .. | 0.2 | .. | 4.3 | 0 | 0 | 19 | 01 | 0 | 0 | 0 | 0 | 0 | 1 | 17 | 11 | 0 |
| | 2330 | 278 | 1014.0 | 981.6 | .. | 16.9 | 11.8 | 7.6 | 10.4 | 55 | .. | 0.3 | .. | 0.5 | 0 | 0 | 19 | 00 | 0 | 0 | 0 | 0 | 0 | 9 | 10 | 11 | 0 |
| Ambala (Aerodrome) | 0530 | 274 | 1011.3 | 981.4 | .. | 8.3 | 7.4 | 6.5 | 9.7 | 89 | .. | 0.5 | .. | 0.5 | 0 | 0 | 2 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 0 |
| | 0830 | 274 | 1015.4 | 983.2 | .. | 14.4 | 11.5 | 8.6 | 11.2 | 69 | .. | 0.5 | .. | 1.0 | 0 | 0 | 4 | 00 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 26 | 1 |
| | 1130 | 274 | 1014.6 | 983.5 | .. | 24.4 | 16.2 | 9.1 | 11.5 | 39 | .. | 0.8 | .. | 9.3 | 0 | 1 | 24 | 01 | 0 | 4 | 2 | 1 | 2 | 5 | 8 | 5 | 2 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| PUNJAB (INCLUDING DELHI) (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambala (Aerodrome) (Contd.) | 1730 | 274 | 1011.9 | 980.5 | .. | 21.3 | 15.6 | 10.9 | 13.0 | 53 | .. | 0.8 | .. | 3.3 | 0 | 0 | 13 | 01 | 0 | 0 | 0 | 0 | 1 | 4 | 7 | 17 | 0 |
| | 2330 | 274 | 1014.3 | 982.0 | .. | 13.3 | 10.3 | 7.2 | 10.1 | 69 | .. | 0.4 | .. | 0.3 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Patiala | 0830 | 251 | 1015.9 | 986.5 | -0.3 | 15.0 | 11.5 | 7.6 | 10.4 | 61 | - 1 | 0.4 | -0.7 | 2.7 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 0 | 3 | 0 | 9 | 18 | 0 |
| | 1730 | 251 | 1013.5 | 984.2 | -0.4 | 21.8 | 14.6 | 7.9 | 10.6 | 42 | - 3 | 0.8 | -0.5 | 1.8 | 0 | 0 | 8 | 06 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 22 | 0 |
| Bhatinda | 0830 | 211 | 1016.0 | 989.4 | .. | 18.3 | 12.6 | 7.0 | 10.0 | 48 | -19 | 0.7 | -0.1 | 0.6 | 0 | 0 | 5 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 4 | 25 | 0 |
| | 1730 | 211 | 1012.7 | 988.5 | .. | 23.3 | 15.6 | 7.9 | 10.7 | 38 | -14 | 0.2 | -0.8 | 4.0 | 0 | 0 | 16 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 15 | 14 | 0 |
| Karnal | 0830 | 249 | 1015.3 | 986.4 | -0.4 | 15.5 | 11.9 | 8.4 | 11.0 | 60 | - 4 | 0.3 | -0.4 | 3.4 | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 |
| | 1730 | 249 | 1012.0 | 983.6 | -1.1 | 22.2 | 15.7 | 10.3 | 12.5 | 50 | + 9 | 0.8 | -0.1 | 1.1 | 0 | 0 | 23 | 01 | 0 | 0 | 0 | 0 | 1 | 21 | 7 | 0 | |
| Hissar | 0530 | 221 | 1014.4 | 988.0 | .. | 11.1 | 9.4 | 7.6 | 10.4 | 80 | .. | 0.6 | .. | 1.3 | 0 | 0 | 13 | 03 | 5 | 1 | 0 | 0 | 0 | 3 | 1 | 17 | 0 |
| | 0830 | 221 | 1016.1 | 990.0 | -0.3 | 13.4 | 10.8 | 8.2 | 10.9 | 72 | +11 | 1.0 | +0.5 | 1.7 | 0 | 0 | 17 | 01 | 1 | 1 | 2 | 3 | 4 | 3 | 2 | 13 | 0 |
| | 1130 | 221 | 1015.6 | 990.3 | .. | 24.3 | 17.3 | 12.3 | 14.3 | 49 | .. | 0.9 | .. | 2.2 | 0 | 0 | 14 | 01 | 3 | 3 | 3 | 0 | 0 | 1 | 3 | 16 | 0 |
| | 1430 | 221 | 1013.1 | 988.0 | .. | 26.3 | 18.1 | 11.7 | 13.7 | 42 | .. | 1.0 | .. | 5.2 | 0 | 0 | 25 | 07 | 5 | 1 | 0 | 0 | 0 | 3 | [illegible] | 5 | 0 |
| | 1730 | 221 | 1012.6 | 987.5 | -0.2 | 24.6 | 17.7 | 12.4 | 14.4 | 47 | +10 | 0.8 | +0.1 | 2.8 | 0 | 0 | 21 | 10 | 4 | 1 | 0 | 0 | 1 | 0 | 5 | 9 | 0 |
| New Delhi (Safdarjung) | 2330 | 221 | 1014.8 | 988.7 | .. | 14.6 | 11.5 | 8.5 | 11.1 | 65 | .. | 0.0 | .. | 2.1 | 0 | 0 | 17 | 06 | 5 | 0 | 0 | 0 | 0 | 3 | 3 | 13 | 0 |
| | 0230 | 216 | 1013.8 | 988.5 | .. | 14.6 | 11.3 | 8.0 | 10.7 | 63 | .. | 0.5 | .. | 2.2 | 0 | 0 | 17 | 03 | 0 | 2 | 0 | 0 | 0 | 5 | 7 | 13 | 0 |
| | 0530 | 216 | 1013.8 | 988.2 | .. | 13.5 | 10.6 | 7.7 | 10.5 | 69 | .. | 1.1 | .. | 2.5 | 0 | 0 | 21 | 01 | 1 | 1 | 1 | 1 | 3 | 7 | 6 | 9 | 0 |
| | 0830 | 216 | 1015.5 | 990.1 | -0.4 | 15.5 | 11.9 | 8.3 | 10.9 | 63 | +15 | 1.2 | +0.4 | 4.7 | 0 | 0 | 22 | 01 | 0 | 1 | 1 | 0 | 2 | 13 | 4 | 5 | 0 |
| | 1130 | 216 | 1015.0 | 990.3 | .. | 24.3 | 15.8 | 8.2 | 10.9 | 39 | .. | 0.8 | .. | 7.2 | 0 | 0 | 30 | 05 | 5 | 2 | 2 | 0 | 0 | 5 | 11 | 0 | 0 |
| | 1430 | 216 | 1012.1 | 987.7 | .. | 26.8 | 16.0 | 5.9 | 9.3 | 27 | .. | 1.2 | .. | 9.6 | 0 | 0 | 30 | 06 | 1 | 2 | 2 | 0 | 1 | 4 | 14 | 0 | 0 |
| | 1730 | 216 | 1011.8 | 987.2 | -0.6 | 24.6 | 15.7 | 7.7 | 10.5 | 35 | + 4 | 1.1 | +0.1 | 4.7 | 0 | 0 | 26 | 10 | 2 | 1 | 0 | 0 | 0 | 0 | 13 | 4 | 0 |
| | 2030 | 216 | 1013.6 | 988.4 | .. | 18.3 | 13.4 | 8.8 | 11.3 | 53 | .. | 0.9 | .. | 2.8 | 0 | 0 | 15 | 01 | 1 | 0 | 1 | 0 | 0 | 3 | 5 | 15 | 0 |
| | 2330 | 216 | 1014.2 | 988.8 | .. | 16.0 | 12.0 | 8.1 | 10.8 | 60 | .. | 0.5 | .. | 1.6 | 0 | 0 | 11 | 01 | 0 | 1 | 0 | 0 | 0 | 2 | 7 | 15 | 0 |
| Palam (Aerodrome) | 0230 | 233 | 1014.1 | 986.7 | .. | 14.6 | 10.8 | 6.4 | 9.6 | 59 | .. | 0.8 | .. | 3.1 | 0 | 0 | 16 | 00 | 4 | 4 | 2 | 0 | 3 | 3 | 0 | 14 | 0 |
| | 0530 | 233 | 1014.2 | 986.6 | .. | 12.4 | 9.6 | 6.4 | 9.6 | 67 | .. | 1.1 | .. | 4.1 | 0 | 0 | 21 | 01 | 1 | 2 | 1 | 2 | 10 | 2 | 2 | 9 | 0 |
| | 0830 | 233 | 1015.9 | 988.5 | .. | 15.9 | 11.9 | 7.9 | 11.7 | 60 | .. | 1.2 | .. | 5.4 | 0 | 0 | 24 | 00 | 1 | 2 | 2 | 0 | 11 | 6 | 2 | 6 | 0 |
| | 1130 | 233 | 1015.5 | 988.6 | .. | 24.1 | 15.0 | 5.9 | 9.2 | 33 | .. | 0.6 | .. | 8.1 | 0 | 0 | 28 | 06 | 4 | 2 | 2 | 0 | 1 | 6 | 7 | 2 | 0 |
| | 1430 | 233 | 1012.6 | 986.6 | .. | 26.9 | 15.4 | 3.4 | 7.7 | 24 | .. | 1.5 | .. | 11.9 | 0 | 3 | 27 | 12 | 6 | 3 | 1 | 0 | 0 | 2 | 4 | 0 | 0 |
| | 1730 | 233 | 1012.4 | 985.9 | .. | 24.1 | 14.7 | 5.8 | 9.2 | 32 | .. | 1.4 | .. | 7.5 | 0 | 0 | 30 | 12 | 6 | 4 | 0 | 0 | 0 | 0 | 8 | 0 | 0 |
| | 2030 | 233 | 1014.3 | 986.9 | .. | 18.5 | 12.6 | 6.5 | 9.7 | 46 | .. | 0.6 | .. | 3.5 | 0 | 0 | 17 | 04 | 4 | 2 | 1 | 0 | 0 | 3 | 3 | 13 | 0 |
| | 2330 | 233 | 1015.0 | 987.4 | .. | 15.8 | 11.2 | 6.3 | 9.5 | 53 | .. | 0.6 | .. | 4.5 | 0 | 0 | 20 | 03 | 2 | 5 | 1 | 2 | 2 | 3 | 2 | 10 | 0 |
| HIMACHAL PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mandi | 0830 | 761 | 1018.6 | 930.4 | -0.8 | 9.1 | 7.9 | 7.5 | 10.4 | 90 | - 3 | 1.0 | -1.1 | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 1730 | 761 | 1012.0 | 926.5 | +0.1 | 17.5 | 12.8 | 8.7 | 11.2 | 56 | - 6 | 1.0 | -0.7 | .. | . | .. | .. | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Bilaspur | 0830 | 587 | 1017.3 | 949.2 | .. | 10.9 | 9.7 | 8.6 | 11.4 | 86 | - 6 | 0.8 | -4.5 | 0.2 | 0 | 0 | 3 | 00 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 587 | 1015.5 | 946.5 | .. | 21.6 | 16.5 | 13.1 | 15.1 | 58 | + 8 | 0.9 | -1.2 | 1.7 | 0 | 0 | 20 | 01 | 7 | 5 | 2 | 0 | 1 | 2 | 2 | 10 | 0 |
| JAMMU AND KASHMIR | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Misgar | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Gilgit | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Skardu | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Leh | 0530 | 3514 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 0830 | 3514 | 3148.6 | 668.9 | +0.3 | - 2.9 | - 5.2 | - 9.6 | 2.7 | 60 | +15 | 1.2 | -1.4 | 3.4[c] | 0 | 0 | 26 | 00 | 0 | 0 | 0 | 10 | 14 | 0 | 2 | 2 | 0 |
| | 1730 | 3514 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.7 | -2.4 | 3.8[d] | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 |
| Srinagar | 0830 | 1587 | 1546.4 | 845.9 | -0.6 | 2.4 | 1.8 | 0.9 | 6.5 | 90 | + 5 | 1.2 | -1.6 | 1.1 | 0 | 0 | 13 | 00 | 0 | 1 | 12 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 1130 | 1587 | 1545.9 | 846.0 | .. | 10.2 | 6.3 | 2.1 | 7.1 | 57 | .. | 1.3 | .. | 1.6 | 0 | 0 | 22 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 |
| | 1430 | 1587 | 1522.5 | 843.7 | .. | 13.0 | 7.7 | 2.0 | 7.1 | 48 | .. | 1.7 | .. | 2.5 | 0 | 0 | 26 | 00 | 0 | 0 | 2 | 2 | 2 | 9 | 11 | 4 | 0 |
| | 1730 | 1587 | 1516.1 | 843.0 | -0.5 | 10.7 | 6.9 | 2.7 | 7.4 | 58 | + 4 | 1.8 | -1.1 | 1.9 | 0 | 0 | 19 | 03 | 0 | 0 | 3 | 0 | 0 | 1 | 12 | 11 | 0 |
| Srinagar (Aerodrome) | 2030 | 1587 | 1529.3 | 844.2 | .. | 6.1 | 4.5 | 2.7 | 7.4 | 79 | .. | 0.9 | .. | 1.4 | 0 | 0 | 14 | 01 | 2 | 0 | 6 | 0 | 1 | 0 | 4 | 16 | 0 |
| | 0530 | 1666 | 1531.4 | 836.4 | .. | 1.1 | - 0.1 | - 2.0 | 5.1 | 79 | .. | 0.5 | .. | 1.5 | 0 | 0 | 8 | 00 | 0 | 0 | 0 | 3 | 3 | 1 | 1 | 22 | 0 |
| | 0830 | 1666 | 1543.6 | 837.7 | .. | 3.6 | 1.8 | - 0.6 | 5.8 | 74 | .. | 1.4 | .. | 0.8 | 0 | 0 | 4 | 00 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 26 | 0 |
| | 1130 | 1666 | 1545.5 | 838.2 | .. | 9.2 | 5.5 | 1.3 | 6.7 | 58 | .. | 1.3 | .. | 1.6 | 0 | 0 | 10 | 02 | 2 | 2 | 0 | 1 | 0 | 0 | 3 | 20 | 0 |
| | 1730 | 1666 | 1517.1 | 835.4 | .. | 10.3 | 6.2 | 1.6 | 6.9 | 55 | .. | 2.1 | .. | 2.1 | 0 | 0 | 8 | 03 | 1 | 2 | 0 | 0 | 0 | 0 | 2 | 22 | 0 |
| | 2330 | 1666 | 1531.2 | 836.4 | .. | 3.6 | 1.7 | - 1.6 | 5.3 | 69 | .. | 0.2 | .. | 2.4 | 0 | 0 | 11 | 01 | 0 | 2 | 6 | 1 | 1 | 0 | 0 | 19 | 0 |
| Gulmarg (Research Institute) (see foot-note) | 0830 | | .. | .. | .. | - 0.2 | - 1.8 | - 4.3 | 4.3 | 71 | .. | 1.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 2.4 | - 0.3 | - 4.9 | 4.1 | 58 | .. | 2.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Qazigund | 0830 | 1690 | .. | .. | .. | 3.9 | 1.8 | - 0.9 | 5.7 | 71 | .. | 1.3 | .. | 2.1 | 0 | 0 | 16 | 00 | 0 | 4 | 11 | 1 | 0 | 0 | 0 | 14 | 0 |
| | 1730 | 1690 | .. | .. | .. | 9.7 | 5.6 | 1.6 | 6.9 | 58 | .. | 1.7 | .. | 3.1 | 0 | 0 | 19 | 01 | 0 | 0 | 2 | 12 | 3 | 1 | 0 | 11 | 0 |
| Banihal | 0830 | | .. | .. | .. | 5.5 | 3.3 | 0.9 | 6.5 | 73 | .. | 1.0 | .. | 6.3 | 0 | 2 | 18 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 10 | 0 |

There is another seasonal observatory at Gulmarg which functions only for the months June to September every year.

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| JAMMU AND KASHMIR (contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Banihal (Contd.) | 1730 | | .. | .. | .. | 12.2 | 7.2 | 1.6 | 6.9 | 50 | .. | 1.3 | .. | 6.1 | 0 | 0 | 25 | 00 | 0 | 0 | 0 | 1 | 0 | 0 | 24 | 5 | 0 |
| Jammu | 0830 | 366 | 1015.1 | 972.3 | .. | 13.4 | 9.8 | 5.7 | 9.1 | 63 | +15 | 0.3 | -1.2 | 3.9 | 0 | 0 | 29 | 00 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 366 | 1012.6 | 971.1 | .. | 23.4 | 15.2 | 6.8 | 9.9 | 40 | .. | 0.5 | .. | 0.6 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 0 |
| Jammu (Aerodrome) | 0530 | 292 | 1014.8 | 980.3 | .. | 12.3 | 9.3 | 5.7 | 9.1 | 62 | .. | 0.1 | .. | 4.3 | 0 | 0 | 16 | 01 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 14 | 0 |
| | 0830 | 292 | 1015.7 | 981.5 | .. | 14.1 | 10.3 | 6.1 | 9.4 | 60 | .. | 0.5 | .. | 5.0 | 0 | 0 | 20 | 03 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1130 | 292 | 1015.7 | 982.2 | .. | 23.6 | 14.7 | 6.2 | 9.5 | 37 | .. | 0.9 | .. | 2.0 | 0 | 0 | 11 | 05 | 2 | 0 | 2 | 1 | 0 | 0 | 0 | 19 | 1 |
| | 1730 | 292 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2330 | 292 | 1015.1 | 980.6 | .. | 14.1 | 10.5 | 6.7 | 9.8 | 61 | .. | 0.2 | .. | 4.6 | 0 | 0 | 20 | 04 | 11 | 4 | 0 | 1 | 0 | 0 | 0 | 10 | 0 |
| RAJASTHAN, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ganganagar | 0530 | 177 | 1014.5 | 993.3 | .. | 10.5 | 8.7 | 6.6 | 9.7 | 77 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 0830 | 177 | 1016.2 | 995.0 | -0.2 | 11.7 | 9.6 | 6.9 | 9.9 | 74 | +15 | 0.1 | -0.5 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 29 | 0 |
| | 1130 | 177 | 1015.6 | 995.4 | .. | 24.6 | 15.4 | 6.9 | 9.9 | 33 | .. | 0.1 | .. | 0.7 | 0 | 0 | 8 | 01 | 4 | 0 | 2 | 0 | 0 | 0 | 1 | 22 | 0 |
| | 1730 | 177 | 1012.7 | 992.5 | +0.1 | 24.9 | 16.3 | 9.1 | 11.5 | 37 | + 2 | 0.4 | -0.3 | 0.7 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| | 2330 | 177 | 1015.0 | 994.0 | .. | 13.7 | 10.3 | 7.5 | 10.4 | 66 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | 00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | 0 |
| Anupgarh | 0830 | | (●) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (●) | | | | | | | | | | | | | | | | | | | | | | | | |
| Maharjan | 0830 | 187 | 1015.3 | 992.3 | .. | 13.6 | 10.0 | 6.4 | 9.6 | 60 | .. | 0.9 | .. | .. | 0 | 1 | 16 | 06 | 2 | 5 | 0 | 3 | 0 | 0 | 1 | 13 | 0 |
| | 1730 | 187 | 1010.3 | 988.7 | .. | 25.4 | 16.8 | 9.8 | 12.1 | 40 | .. | 0.0 | .. | .. | 0 | 0 | 24 | 07 | 11 | 1 | 0 | 1 | 0 | 2 | 2 | 6 | 0 |
| Churu | 0830 | 291 | .. | .. | .. | 14.5 | 9.9 | 4.9 | 8.7 | 53 | - 8 | 0.6 | -0.4 | 1.2 | 0 | 0 | 9 | 02 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 291 | .. | .. | .. | 24.6 | 14.6 | 3.2 | 7.7 | 26 | - 9 | 0.8 | -0.5 | 1.4 | 0 | 0 | 25 | 19 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| Bikaner | 0830 | 224 | 1015.8 | 989.5 | -0.3 | 15.3 | 9.4 | 1.7 | 6.9 | 42 | - 7 | 0.4 | -0.1 | 1.8 | 0 | 0 | 14 | 02 | 2 | 5 | 2 | 2 | 1 | 0 | 0 | 16 | 0 |
| | 1730 | 224 | 1012.1 | 986.8 | -0.7 | 26.1 | 14.7 | 2.5 | 7.3 | 23 | - 8 | 0.8 | +0.3 | 3.3 | 0 | 0 | 22 | 08 | 10 | 0 | 0 | 0 | 0 | 0 | 4 | 8 | 0 |
| Bikaner P.B.O. | 0530 | 224 | 1014.4 | 987.6 | .. | 11.0 | 7.5 | 2.4 | 7.3 | 57 | .. | 0.4 | .. | 0.7 | 0 | 0 | 6 | 02 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 24 | 0 |
| | 1130 | 224 | 1014.9 | 989.5 | .. | 25.9 | 14.6 | 2.1 | 7.1 | 24 | .. | 0.5 | .. | 4.4 | 0 | 0 | 27 | 02 | 13 | 4 | 5 | 2 | 0 | 0 | 1 | 3 | 0 |
| | 1430 | 224 | 1012.4 | 987.2 | .. | 28.2 | 15.2 | 0.3 | 6.2 | 18 | .. | 0.9 | .. | 4.1 | 0 | 0 | 28 | 07 | 11 | 2 | 3 | 2 | 0 | 1 | 2 | 2 | 0 |
| | 2030 | 224 | 1013.9 | 987.7 | .. | 19.0 | 11.6 | 2.7 | 7.4 | 36 | .. | 0.4 | .. | 2.4 | 0 | 0 | 15 | 06 | 8 | 0 | 1 | 0 | 0 | 0 | 0 | 15 | 0 |
| | 2330 | 224 | 1014.7 | 988.4 | .. | 16.1 | 9.7 | 1.6 | 6.8 | 40 | .. | 0.4 | .. | 2.9 | 0 | 0 | 14 | 05 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 16 | 0 |
| Nagaur | 0830 | 298 | 1015.4 | 981.0 | -1.2 | 20.0 | 14.1 | 9.0 | 11.5 | 48 | + 1 | 1.1 | +0.0 | 6.6 | 0 | 0 | 29 | 06 | 8 | 11 | 2 | 0 | 0 | 0 | 2 | 1 | 0 |
| | 1730 | 298 | 1010.9 | 977.4 | -0.9 | 27.1 | 19.5 | 15.8 | 17.9 | 47 | +10 | 1.2 | -0.1 | 7.5 | 0 | 0 | 30 | 13 | 6 | 3 | 0 | 0 | 0 | 1 | 7 | 0 | 0 |
| Phalodi | 0830 | 234 | 1015.6 | 988.2 | -0.3 | 16.5 | 12.1 | 7.7 | 10.6 | 60 | + 7 | 0.7 | +0.0 | 6.5 | 0 | 0 | 30 | 04 | 8 | 8 | 7 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 234 | 1012.4 | 986.1 | -0.3 | 27.5 | 20.4 | 16.0 | 18.2 | 50 | +13 | 0.8 | -0.1 | 8.7 | 0 | 0 | 30 | 08 | 10 | 2 | 0 | 1 | 4 | 3 | 2 | 0 | 0 |
| Jaisalmer | 0830 | 242 | 1015.0 | 986.7 | -1.2 | 16.9 | 11.3 | 5.4 | 9.0 | 47 | - 5 | 0.6 | +0.0 | 4.4 | 0 | 0 | 19 | 08 | 6 | 4 | 0 | 1 | 0 | 0 | 0 | 11 | 0 |
| | 1730 | 242 | 1010.1 | 984.0 | -0.9 | 27.4 | 17.1 | 8.9 | 11.4 | 31 | - 8 | 0.9 | +0.2 | 9.8 | 0 | 1 | 28 | 13 | 9 | 1 | 0 | 2 | 1 | 2 | 1 | 1 | 0 |
| Jodhpur | 0230 | 224 | 1012.9 | 986.9 | .. | 18.5 | 12.2 | 5.5 | 9.0 | 44 | .. | 0.4 | .. | 13.1 | 0 | 3 | 27 | 06 | 21 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 0530 | 224 | 1012.9 | 986.8 | .. | 16.8 | 11.4 | 5.3 | 8.9 | 47 | .. | 0.6 | .. | 12.9 | 0 | 4 | 24 | 06 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 0830 | 224 | 1014.6 | 988.4 | -1.5 | 17.8 | 11.8 | 5.1 | 8.8 | 44 | + 6 | 1.4 | +0.5 | 12.0 | 0 | 2 | 27 | 06 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1130 | 224 | 1014.4 | 989.1 | .. | 26.4 | 16.0 | 6.2 | 9.5 | 29 | .. | 1.4 | .. | 13.7 | 0 | 3 | 25 | 02 | 8 | 11 | 3 | 3 | 1 | 0 | 0 | 2 | 0 |
| | 1430 | 224 | 1011.0 | 985.6 | .. | 29.5 | 17.5 | 7.0 | 10.0 | 26 | .. | 1.8 | .. | 11.6 | 0 | 3 | 27 | 03 | 11 | 4 | 3 | 1 | 2 | 3 | 1 | 0 | 2 |
| | 1730 | 224 | 1010.6 | 985.5 | -1.4 | 28.9 | 18.1 | 9.3 | 11.7 | 30 | + 8 | 1.6 | +0.5 | 9.1 | 0 | 2 | 25 | 10 | 10 | 0 | 0 | 0 | 3 | 2 | 2 | 3 | 0 |
| | 2030 | 224 | 1012.6 | 987.0 | .. | 23.7 | 14.8 | 6.2 | 9.5 | 34 | .. | 1.0 | .. | 12.9 | 0 | 2 | 28 | 11 | 11 | 1 | 0 | 1 | 0 | 1 | 5 | 0 | 0 |
| | 2330 | 224 | 1013.2 | 987.0 | .. | 20.7 | 13.1 | 5.1 | 8.8 | 37 | .. | 0.4 | .. | 14.2 | 0 | 1 | 28 | 10 | 17 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| Barmer | 0530 | 194 | 1012.1 | 989.5 | .. | 17.5 | 12.2 | 6.9 | 10.1 | 50 | .. | 0.3 | .. | 7.4 | 0 | 0 | 29 | 04 | 0 | 0 | 0 | 0 | 1 | 0 | 24 | 1 | 0 |
| | 0830 | 194 | 1014.1 | 991.4 | -1.4 | 18.1 | 13.0 | 8.0 | 10.7 | 52 | + 6 | 0.7 | -0.2 | 6.5 | 0 | 0 | 30 | 06 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 |
| | 1130 | 194 | 1013.7 | 991.6 | .. | 26.1 | 18.0 | 11.8 | 13.8 | 42 | .. | 1.0 | .. | 6.8 | 0 | 0 | 28 | 05 | 14 | 1 | 1 | 0 | 1 | 0 | 6 | 2 | 0 |
| | 1730 | 194 | 1010.1 | 988.3 | -1.5 | 28.6 | 19.6 | 13.3 | 15.3 | 40 | +11 | 1.4 | +0.3 | 5.9 | 0 | 0 | 26 | 11 | 4 | 0 | 0 | 0 | 1 | 2 | 8 | 4 | 0 |
| | 2330 | 194 | 1012.8 | 990.6 | .. | 21.1 | 14.5 | 8.5 | 11.1 | 45 | .. | 0.1 | .. | 7.6 | 0 | 0 | 29 | 01 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 1 | 0 |
| Erinpura (Jawai Dam) | 0830 | 295 | 1013.1 | 979.0 | -3.1 | 17.8 | 13.6 | 10.4 | 12.6 | 64 | - 6 | 1.3 | +0.0 | 1.1 | 0 | 0 | 8 | 00 | 1 | 1 | 3 | 3 | 0 | 0 | 0 | 22 | 0 |
| | 1730 | 295 | 1008.9 | 975.8 | -3.4 | 26.0 | 17.9 | 11.5 | 13.6 | 43 | + 0 | 1.6 | +0.2 | 0.8 | 0 | 0 | 11 | 02 | 3 | 1 | 0 | 0 | 1 | 0 | 4 | 19 | 0 |
| RAJASTHAN, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pilani | 0830 | 301 | 1016.3 | 981.3 | -0.7 | 15.2 | 10.3 | 4.8 | 8.6 | 52 | + 0 | 1.0 | +0.5 | 4.0 | 0 | 0 | 23 | 00 | 1 | 4 | 8 | 3 | 5 | 2 | 0 | 7 | 0 |
| | 1730 | 301 | 1012.6 | 978.5 | -1.5 | 24.4 | 14.2 | 2.8 | 7.4 | 27 | - 8 | 0.7 | -0.1 | 5.0 | 0 | 0 | 29 | 08 | 12 | 1 | 0 | 0 | 0 | 1 | 7 | 1 | 0 |
| Sikar | 0830 | 433 | 1015.5 | 965.6 | +3.0 | 15.8 | 11.3 | 6.5 | 9.7 | 55 | - 9 | 0.8 | -0.3 | 0.5 | 0 | 0 | 6 | 00 | 1 | 1 | 0 | 0 | 0 | 3 | 1 | 24 | 0 |
| | 1730 | 433 | 1011.3 | 963.3 | +3.5 | 25.3 | 15.6 | 6.5 | 9.7 | 33 | -20 | 0.9 | -0.6 | 1.6 | 0 | 0 | 20 | 01 | 0 | 1 | 0 | 0 | 0 | 12 | 6 | 10 | 0 |
| Alwar | 0830 | 271 | 1015.1 | 983.5 | -1.6 | 16.6 | 13.7 | 10.8 | 12.9 | 69 | - 7 | 1.6 | +0.7 | 0.1 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 28 | 0 |
| | 1730 | 271 | 1011.9 | 981.5 | -1.2 | 24.5 | 17.6 | 12.2 | 14.2 | 48 | - 3 | 2.0 | +0.8 | 0.3 | 0 | 0 | 4 | 03 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 26 | 0 |
| Jaipur (Sanganer) | 0230 | 390 | 1012.7 | 967.9 | .. | 18.2 | 12.3 | 5.5 | 9.0 | 48 | .. | 1.0 | .. | 5.2 | 0 | 0 | 23 | 01 | 8 | 14 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 0530 | 390 | 1013.1 | 968.0 | .. | 16.8 | 11.6 | 5.4 | 9.0 | 52 | .. | 1.1 | .. | 5.1 | 0 | 0 | 22 | 01 | 5 | 14 | 1 | 0 | 1 | 0 | 0 | 8 | 0 |
| | 0830 | 390 | 1014.6 | 969.9 | -1.4 | 19.9 | 13.1 | 5.3 | 8.9 | 43 | - 5 | 1.7 | +1.0 | 6.8 | 0 | 0 | 20 | 00 | 5 | 15 | 0 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 1130 | 390 | 1013.9 | 970.0 | .. | 25.5 | 15.1 | 3.9 | 8.1 | 28 | .. | 1.6 | .. | 8.1 | 0 | 1 | 25 | 01 | 3 | 10 | 9 | 1 | 0 | 0 | 2 | 4 | 0 |
| | 1430 | 390 | 1010.8 | 967.4 | .. | 27.5 | 16.0 | 4.6 | 8.5 | 26 | .. | 1.9 | .. | 6.6 | 0 | 0 | 28 | 03 | 2 | 7 | 8 | 1 | 1 | 2 | 4 | 2 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| RAJASTHAN, EAST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jaipur (Sanganer) (Contd.) | 1730 | 390 | 1010.7 | 967.0 | -1.6 | 25.5 | 15.8 | 6.5 | 9.7 | 32 | + 2 | 2.1 | +1.1 | 3.0 | 0 | 0 | 19 | 03 | 2 | 8 | 2 | 0 | 0 | 0 | 4 | 11 | 0 |
| | 2030 | 390 | 1012.9 | 968.4 | .. | 20.5 | 13.6 | 6.8 | 9.9 | 40 | .. | 1.1 | .. | 5.0 | 0 | 0 | 23 | 06 | 5 | 10 | 1 | 0 | 0 | 0 | 1 | 7 | 0 |
| | 2330 | 390 | 1013.3 | 968.6 | .. | 19.1 | 12.8 | 5.8 | 9.2 | 45 | .. | 0.9 | .. | 6.0 | 0 | 0 | 23 | 04 | 7 | 12 | 0 | 0 | 0 | 0 | 0 | 7 | 0 |
| Dholpur | 0830 | 176 | 1014.9 | 994.3 | -2.0 | 18.3 | 13.7 | 9.4 | 11.8 | 57 | - 6 | 1.8 | +0.8 | 1.0 | 0 | 0 | 10 | 00 | 0 | 2 | 0 | 1 | 0 | 4 | 3 | 20 | 0 |
| | 1730 | 176 | 1010.7 | 990.8 | -2.1 | 25.8 | 17.7 | 11.0 | 13.1 | 41 | - 7 | 1.0 | -0.3 | 0.9 | 0 | 0 | 8 | 02 | 1 | 2 | 1 | 0 | 0 | 1 | 1 | 22 | 0 |
| Ajmer | 0830 | 486 | 1015.6 | 960.0 | -0.9 | 18.0 | 12.1 | 6.6 | 9.7 | 49 | - 5 | 1.5 | +0.8 | 2.5 | 0 | 0 | 14 | 00 | 5 | 1 | 1 | 1 | 2 | 2 | 2 | 16 | 0 |
| | 1730 | 486 | 1010.5 | 956.6 | -1.5 | 25.6 | 15.9 | 7.8 | 10.6 | 33 | + 5 | 2.1 | +1.1 | 3.3 | 0 | 0 | 26 | 04 | 7 | 2 | 6 | 2 | 2 | 1 | 2 | 4 | 0 |
| Tonk | 0830 | 272 | 1014.2 | 982.8 | -1.4 | 19.9 | 14.5 | 10.3 | 12.5 | 57 | -15 | 2.5 | +1.0 | 7.1 | 0 | 0 | 30 | 03 | 4 | 7 | 5 | 0 | 0 | 5 | 6 | 0 | 0 |
| | 1730 | 272 | 1001.6 | 979.1 | -2.3 | 26.9 | 19.0 | 13.4 | 15.4 | 44 | -10 | 1.9 | +0.0 | 3.6 | 0 | 0 | 24 | 04 | 5 | 3 | 3 | 0 | 2 | 4 | 3 | 6 | 0 |
| Bhilwara | 0830 | 425 | 1014.8 | 966.0 | .. | 18.8 | 12.9 | 6.7 | 9.8 | 47 | .. | 2.7 | .. | 2.3 | 0 | 0 | 20 | 04 | 12 | 2 | 0 | 1 | 0 | 0 | 1 | 10 | 0 |
| | 1730 | 425 | 1010.2 | 963.0 | .. | 26.9 | 16.9 | 8.3 | 10.9 | 32 | .. | 3.0 | .. | 6.3 | 0 | 0 | 25 | 05 | 14 | 0 | 2 | 1 | 2 | 0 | 1 | 5 | 0 |
| Kota | 0830 | 257 | 1014.3 | 984.8 | -1.8 | 20.5 | 15.6 | 11.5 | 13.6 | 58 | + 7 | 2.3 | +1.3 | 2.0 | 0 | 0 | 14 | 02 | 3 | 4 | 3 | 0 | 0 | 1 | 1 | 16 | 0 |
| | 1730 | 257 | 1010.3 | 981.6 | -1.7 | 27.9 | 19.5 | 13.7 | 15.7 | 43 | +14 | 2.7 | +1.6 | 1.5 | 0 | 0 | 10 | 00 | 2 | 3 | 2 | 0 | 0 | 0 | 3 | 20 | 0 |
| Kota (Aerodrome) | 0530 | 274 | 1012.7 | 981.0 | .. | 18.3 | 13.3 | 8.2 | 10.9 | 54 | .. | 1.6 | .. | 0.6 | 0 | 0 | 14 | 00 | 3 | 1 | 1 | 0 | 0 | 6 | 3 | 16 | 0 |
| | 0830 | 274 | 1014.7 | 983.1 | .. | 20.9 | 14.2 | 7.6 | 10.4 | 45 | .. | 2.2 | .. | 5.9 | 0 | 0 | 27 | 03 | 4 | 10 | 3 | 0 | 0 | 3 | 4 | 3 | 0 |
| | 1130 | 274 | 1013.9 | 983.0 | .. | 26.2 | 16.4 | 7.2 | 10.1 | 31 | .. | 2.1 | .. | 10.5 | 0 | 0 | 27 | 00 | 6 | 14 | 5 | 0 | 0 | 1 | 1 | 3 | 0 |
| | 1730 | 274 | 1010.3 | 979.7 | .. | 27.9 | 17.3 | 8.2 | 10.9 | 31 | .. | 3.0 | .. | 8.1 | 0 | 2 | 26 | 06 | 9 | 9 | 1 | 1 | 0 | 0 | 2 | 2 | 0 |
| | 2330 | 274 | 1012.8 | 981.4 | .. | 21.6 | 14.6 | 8.0 | 10.0 | 44 | .. | 1.2 | .. | 4.1 | 0 | 1 | 16 | 00 | 2 | 4 | 5 | 0 | 0 | 5 | 1 | 13 | 0 |
| Chambal (Rawat Bhatta Dam) | 0830 | 351 | 1014.4 | 974.1 | -2.6 | 20.0 | 15.4 | 11.0 | 13.0 | 59 | - 9 | 1.8 | +0.7 | 2.6 | 0 | 0 | 9 | 01 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 351 | 1010.0 | 971.0 | -2.3 | 28.2 | 19.0 | 12.3 | 14.3 | 40 | + 4 | 1.6 | +0.0 | 5.8 | 0 | 1 | 29 | 02 | 20 | 0 | 4 | 0 | 1 | 0 | 3 | 0 | 0 |
| Udaipur | 0230 | 582 | 1013.2 | 946.9 | .. | 16.5 | 13.3 | 11.0 | 13.0 | 69 | .. | 0.5 | .. | 0.2 | 0 | 0 | 1 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 0 |
| | 0530 | 582 | 1013.4 | 946.8 | .. | 15.5 | 12.5 | 9.9 | 12.2 | 71 | .. | 0.7 | .. | 0.3 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 28 | 0 |
| | 0830 | 582 | 1014.3 | 948.4 | -2.3 | 18.7 | 14.0 | 10.2 | 12.4 | 60 | + 3 | 1.7 | +0.8 | 0.3 | 0 | 0 | 3 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 1130 | 582 | 1012.8 | 948.8 | .. | 26.7 | 17.8 | 11.5 | 13.6 | 41 | .. | 1.4 | .. | 1.5 | 0 | 0 | 11 | 00 | 5 | 1 | 1 | 2 | 0 | 1 | 1 | 19 | 0 |
| | 1730 | 582 | 1009.5 | 945.6 | -2.2 | 26.8 | 18.6 | 13.2 | 15.2 | 45 | + 6 | 2.3 | +1.0 | 2.3 | 0 | 0 | 18 | 01 | 1 | 4 | 6 | 0 | 1 | 1 | 4 | 12 | 0 |
| | 2330 | 582 | 1013.5 | 947.5 | .. | 18.4 | 14.3 | 11.0 | 13.1 | 63 | .. | 0.8 | .. | 0.3 | 0 | 0 | 2 | 01 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| Dhariawat | 0830 | 321 | 1015.0 | 978.3 | -0.6 | 20.4 | 15.1 | 10.4 | 12.6 | 54 | - 6 | 2.9 | +1.9 | 1.3 | 0 | 0 | 9 | 01 | 4 | 1 | 2 | 1 | 0 | 0 | 0 | 21 | 0 |
| | 1730 | 321 | 1009.7 | 973.9 | -1.8 | 27.6 | 18.3 | 10.7 | 12.0 | 36 | + 6 | 2.2 | +1.2 | 1.1 | 0 | 0 | 7 | 01 | 3 | 0 | 1 | 1 | 0 | 1 | 0 | 23 | 0 |
| Banswara | 0830 | 220 | 1014.0 | 988.6 | .. | 22.1 | 15.8 | 10.3 | 12.5 | 49 | .. | 1.5 | .. | 9.8 | 0 | 0 | 30 | 03 | 3 | 7 | 15 | 1 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 220 | 1010.0 | 985.8 | .. | 31.4 | 19.6 | 11.1 | 13.2 | 31 | .. | 2.8 | .. | 9.3 | 0 | 1 | 28 | 06 | 2 | 3 | 1 | 2 | 2 | 5 | 8 | 1 | 0 |
| MADHYA PRADESH, WEST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gwalior | 0230 | 207 | 1013.2 | 988.9 | .. | 15.2 | 11.9 | 8.4 | 11.2 | 65 | .. | 1.1 | .. | 0.3 | 0 | 0 | 3 | 01 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0530 | 207 | 1013.5 | 989.1 | .. | 14.0 | 11.3 | 8.5 | 11.2 | 70 | .. | 1.6 | .. | 0.9 | 0 | 0 | 9 | 01 | 0 | 1 | 4 | 1 | 0 | 1 | 1 | 21 | 0 |
| | 0830 | 207 | 1015.1 | 991.1 | -0.9 | 19.3 | 14.2 | 9.5 | 12.1 | 54 | + 1 | 2.4 | +1.5 | 1.9 | 0 | 0 | 12 | 01 | 2 | 0 | 5 | 3 | 1 | 1 | 1 | 18 | 0 |
| | 1130 | 207 | 1014.3 | 990.8 | .. | 26.2 | 16.6 | 8.0 | 11.1 | 34 | .. | 2.6 | .. | 6.5 | 0 | 1 | 26 | 08 | 5 | 8 | 4 | 1 | 1 | 0 | 0 | 3 | 0 |
| | 1430 | 207 | 1011.4 | 988.2 | .. | 28.3 | 17.5 | 8.2 | 11.2 | 30 | .. | 2.4 | .. | 6.7 | 0 | 1 | 26 | 02 | 7 | 9 | 1 | 2 | 1 | 1 | 4 | 3 | 0 |
| | 1730 | 207 | 1011.3 | 987.9 | -1.1 | 25.8 | 17.0 | 9.6 | 12.3 | 38 | + 1 | 2.6 | +1.5 | 3.5 | 0 | 0 | 24 | 06 | 8 | 4 | 2 | 1 | 0 | 0 | 3 | 6 | 0 |
| | 2030 | 207 | 1013.2 | 989.2 | .. | 19.3 | 14.2 | 9.5 | 12.1 | 54 | .. | 1.4 | .. | 1.9 | 0 | 1 | 9 | 04 | 0 | 1 | 1 | 2 | 1 | 0 | 1 | 20 | 0 |
| | 2330 | 207 | 1013.7 | 989.5 | .. | 16.4 | 12.5 | 8.6 | 11.3 | 61 | .. | 0.9 | .. | 2.3 | 0 | 0 | 12 | 02 | 0 | 0 | 2 | 4 | 1 | 1 | 2 | 18 | 0 |
| Sheopur | 0830 | 235 | 1014.9 | 987.6 | -1.7 | 18.4 | 13.5 | 9.1 | 11.5 | 55 | - 3 | 2.7 | +1.7 | 4.0 | 0 | 0 | 25 | 16 | 2 | 4 | 1 | 2 | 0 | 0 | 0 | 5 | 0 |
| | 1730 | 235 | 1010.4 | 984.1 | -1.9 | 28.1 | 18.0 | 10.3 | 12.4 | 34 | - 5 | 2.9 | +1.7 | 5.7 | 0 | 0 | 27 | 17 | 1 | 1 | 1 | 3 | 1 | 2 | 1 | 3 | 0 |
| Shivpuri | 0830 | 464 | 1014.5 | 961.8 | .. | 20.4 | 13.9 | 8.2 | 11.2 | 49 | .. | 2.7 | .. | 3.7 | 0 | 0 | 22 | 00 | 12 | 4 | 0 | 2 | 0 | 0 | 4 | 8 | 0 |
| | 1730 | 464 | 1010.5 | 958.8 | .. | 25.5 | 16.1 | 8.5 | 11.4 | 36 | .. | 1.8 | .. | 2.9 | 0 | 0 | 20 | 02 | 8 | 7 | 2 | 0 | 1 | 0 | 0 | 10 | 0 |
| Nowgong | 0830 | 229 | 1015.4 | 988.9 | -1.0 | 18.9 | 15.2 | 12.4 | 14.3 | 68 | - 1 | 2.3 | +1.3 | 2.3 | 0 | 0 | 17 | 01 | 2 | 5 | 1 | 2 | 3 | 1 | 2 | 13 | 0 |
| | 1730 | 229 | 1011.4 | 985.6 | -1.1 | 25.9 | 20.6 | 13.2 | 15.5 | 49 | + 9 | 2.5 | +1.4 | 2.4 | 0 | 1 | 16 | 02 | 10 | 1 | 0 | 0 | 1 | 0 | 3 | 13 | 0 |
| Guna | 0530 | 478 | 1013.5 | 958.4 | .. | 15.7 | 12.6 | 9.9 | 12.4 | 70 | .. | 1.7 | .. | 5.2 | 0 | 1 | 22 | 02 | 5 | 7 | 8 | 1 | 0 | 0 | 0 | 7 | 0 |
| | 0830 | 478 | 1014.7 | 960.4 | -1.3 | 20.6 | 15.4 | 11.4 | 13.7 | 58 | - 2 | 2.7 | +1.7 | 6.6 | 0 | 0 | 28 | 01 | 4 | 13 | 6 | 3 | 0 | 0 | 1 | 2 | 0 |
| | 1130 | 478 | 1013.3 | 960.2 | .. | 26.8 | 19.6 | 15.4 | 17.5 | 51 | .. | 2.3 | .. | 10.2 | 0 | 0 | 29 | 00 | 7 | 7 | 9 | 3 | 1 | 0 | 2 | 1 | 0 |
| | 1430 | 478 | 1010.2 | 957.6 | .. | 28.3 | 20.2 | 15.4 | 17.7 | 47 | .. | 2.7 | .. | 9.5 | 0 | 1 | 29 | 04 | 9 | 3 | 5 | 2 | 1 | 2 | 4 | 0 | 0 |
| | 1730 | 478 | 1010.5 | 957.4 | -1.4 | 25.7 | 18.4 | 13.8 | 15.9 | 50 | +15 | 3.1 | +2.0 | 6.0 | 0 | 0 | 27 | 04 | 10 | 5 | 1 | 1 | 1 | 0 | 5 | 3 | 0 |
| | 2330 | 478 | 1013.5 | 958.9 | .. | 18.1 | 14.3 | 11.5 | 13.6 | 66 | .. | 1.0 | .. | 5.9 | 0 | 0 | 28 | 01 | 7 | 11 | 8 | 0 | 0 | 0 | 1 | 2 | 0 |
| Nimach | 0830 | 496 | 1013.9 | 957.8 | -2.1 | 20.4 | 13.8 | 8.0 | 11.0 | 47 | + 3 | 2.2 | +0.9 | 5.4 | 0 | 0 | 26 | 01 | 20 | 2 | 0 | 1 | 0 | 0 | 0 | 4 | 2 |
| | 1730 | 496 | 1009.9 | 955.3 | -2.0 | 27.9 | 16.9 | 8.4 | 11.2 | 31 | + 4 | 2.0 | +0.4 | 7.1 | 0 | 1 | 25 | 01 | 13 | 2 | 0 | 1 | 1 | 1 | 0 | 4 | 7 |
| Rajgarh | 0830 | 382 | 1014.2 | 970.4 | -2.3 | 19.3 | 15.7 | 12.8 | 14.9 | 69 | + 7 | 2.4 | +1.0 | 4.2 | 0 | 0 | 27 | 05 | 3 | 8 | 8 | 2 | 0 | 0 | 1 | 3 | 0 |
| | 1730 | 382 | 1010.0 | 967.6 | -2.0 | 28.0 | 19.3 | 13.0 | 15.3 | 42 | + 5 | 2.1 | +0.5 | 5.1 | 0 | 0 | 26 | 06 | 6 | 7 | 3 | 1 | 0 | 1 | 2 | 4 | 0 |
| Sagar | 0830 | 551 | 1013.9 | 951.8 | -1.4 | 20.7 | 16.2 | 13.0 | 15.1 | 63 | +20 | 2.2 | +0.8 | 6.6 | 0 | 0 | 29 | 00 | 2 | 6 | 0 | 0 | 6 | 11 | 4 | 1 | 0 |
| | 1730 | 551 | 1009.7 | 949.0 | -1.5 | 27.1 | 18.1 | 11.9 | 14.1 | 43 | + 9 | 3.0 | +1.4 | 5.7 | 0 | 0 | 29 | 00 | 5 | 9 | 0 | 0 | 2 | 8 | 5 | 1 | 0 |
| Ratlam | 0830 | 486 | 1013.6 | 958.8 | -1.7 | 21.9 | 17.0 | 13.7 | 15.8 | 60 | + 8 | 2.4 | +0.8 | 10.1 | 0 | 5 | 24 | 02 | 14 | 10 | 2 | 1 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 486 | 1009.3 | 955.8 | -1.6 | 28.4 | 20.4 | 15.7 | 18.1 | 48 | +13 | 4.0 | +1.8 | 8.1 | 0 | 0 | 27 | 04 | 11 | 6 | 2 | 0 | 0 | 0 | 4 | 3 | 0 |
| Bhopal (Bairagarh) | 0230 | 523 | 1012.2 | 952.9 | .. | 19.1 | 14.4 | 10.6 | 13.1 | 60 | .. | 2.0 | .. | 6.1 | 0 | 0 | 26 | 07 | 7 | 5 | 3 | 2 | 1 | 0 | 1 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed 20 to 61 | Wind Speed 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, WEST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhopal (Bairagarh) (Contd.) | 0530 | 523 | 1012.6 | 953.0 | .. | 17.9 | 13.9 | 10.7 | 13.0 | 65 | .. | 2.1 | .. | 5.5 | 0 | 0 | 24 | 06 | 4 | 5 | 5 | 1 | 0 | 2 | 1 | 6 | 0 |
| | 0830 | 523 | 1013.9 | 954.9 | -1.9 | 21.2 | 15.6 | 11.2 | 13.7 | 56 | + 3 | 2.9 | +1.6 | 8.1 | 0 | 1 | 26 | 07 | 5 | 7 | 8 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1130 | 523 | 1012.7 | 954.8 | .. | 26.6 | 17.7 | 11.4 | 13.7 | 42 | .. | 2.7 | .. | 12.2 | 0 | 2 | 28 | 01 | 7 | 9 | 7 | 4 | 2 | 0 | 0 | 0 | 0 |
| | 1430 | 523 | 1009.8 | 952.3 | .. | 28.1 | 18.0 | 10.9 | 13.2 | 38 | .. | 3.5 | .. | 10.4 | 0 | 2 | 27 | 08 | 4 | 6 | 3 | 3 | 3 | 0 | 2 | 1 | 0 |
| | 1730 | 523 | 1009.9 | 952.1 | -1.6 | 26.2 | 17.4 | 11.1 | 13.5 | 42 | + 9 | 3.6 | +2.1 | 8.4 | 0 | 1 | 29 | 09 | 7 | 6 | 4 | 0 | 2 | 0 | 2 | 0 | 0 |
| | 2030 | 523 | 1012.3 | 953.7 | .. | 22.5 | 16.1 | 11.2 | 13.7 | 53 | .. | 2.4 | .. | 6.9 | 0 | 1 | 24 | 09 | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 523 | 1012.8 | 953.7 | .. | 20.4 | 15.3 | 11.4 | 13.7 | 59 | .. | 2.2 | .. | 7.0 | 0 | 1 | 23 | 10 | 6 | 6 | 1 | 1 | 0 | 0 | 0 | 6 | 0 |
| Ujjain | 0830 | 489 | 1013.8 | 958.3 | .. | 19.8 | 15.6 | 12.5 | 14.7 | 65 | .. | 3.2 | .. | 4.6 | 0 | 1 | 18 | 01 | 5 | 7 | 5 | 1 | 0 | 0 | 0 | 11 | 0 |
| | 1730 | 489 | 1009.6 | 955.5 | .. | 27.0 | 18.8 | 13.7 | 15.7 | 46 | .. | 4.1 | .. | 4.1 | 0 | 0 | 20 | 00 | 10 | 7 | 1 | 0 | 0 | 0 | 2 | 10 | 0 |
| Narsinghpur | 0830 | 356 | 1014.3 | 973.6 | .. | 19.1 | 15.9 | 13.3 | 15.5 | 71 | .. | 3.1 | .. | 1.2 | 0 | 0 | 15 | 00 | 12 | 0 | 1 | 0 | 0 | 0 | 2 | 15 | 0 |
| | 1730 | 356 | 1009.7 | 970.2 | .. | 28.3 | 19.8 | 13.9 | 16.2 | 45 | .. | 3.5 | .. | 1.4 | 0 | 0 | 19 | 00 | 15 | 0 | 1 | 0 | 1 | 0 | 2 | 11 | 0 |
| Hoshangabad | 0830 | 302 | 1014.0 | 979.5 | -1.7 | 21.6 | 16.9 | 13.1 | 15.5 | 61 | - 3 | 2.1 | +0.5 | 2.0 | 0 | 0 | 30 | 00 | 2 | 0 | 0 | 0 | 28 | 0 | 0 | 0 | 0 |
| | 1730 | 302 | 1010.2 | 976.5 | -1.2 | 28.1 | 20.1 | 14.6 | 17.0 | 47 | + 9 | 2.9 | +1.1 | 2.0 | 0 | 0 | 30 | 04 | 10 | 0 | 1 | 0 | 4 | 0 | 11 | 0 | 0 |
| Indore | 0530 | 567 | 1012.3 | 947.8 | .. | 17.6 | 13.9 | 10.8 | 13.2 | 67 | .. | 2.2 | .. | 5.2 | 0 | 2 | 22 | 02 | 9 | 6 | 1 | 4 | 1 | 0 | 1 | 6 | 0 |
| | 0830 | 567 | 1013.5 | 949.8 | -1.5 | 21.5 | 16.2 | 12.3 | 14.5 | 58 | + 4 | 2.6 | +1.1 | 5.8 | 0 | 1 | 22 | 00 | 5 | 7 | 4 | 5 | 1 | 0 | 0 | 7 | 1 |
| | 1130 | 567 | 1011.9 | 949.5 | .. | 27.2 | 18.0 | 11.5 | 13.9 | 41 | .. | 2.2 | .. | 9.4 | 0 | 1 | 25 | 00 | 4 | 9 | 3 | 8 | 1 | 1 | 0 | 4 | 0 |
| | 1730 | 567 | 1009.2 | 946.9 | -1.5 | 26.8 | 17.8 | 11.5 | 13.8 | 41 | + 9 | 3.4 | +1.5 | 7.9 | 0 | 1 | 25 | 04 | 10 | 7 | 1 | 1 | 2 | 0 | 0 | 4 | 1 |
| | 2330 | 567 | 1012.4 | 948.5 | .. | 20.0 | 15.4 | 12.0 | 14.1 | 61 | .. | 2.4 | .. | 5.8 | 0 | 0 | 25 | 01 | 6 | 9 | 4 | 3 | 2 | 0 | 0 | 5 | 0 |
| Rajpur (Jhabua) | 0830 | 293 | 1013.5 | 980.1 | -2.6 | 21.5 | 16.6 | 12.3 | 14.7 | 59 | - 4 | 2.3 | +0.0 | 3.7 | 0 | 0 | 22 | 01 | 1 | 17 | 2 | 0 | 0 | 1 | 0 | 8 | 0 |
| | 1730 | 293 | 1008.8 | 976.5 | -2.5 | 30.5 | 19.4 | 10.9 | 13.5 | 32 | - 3 | 2.9 | +0.8 | 4.9 | 0 | 0 | 28 | 00 | 0 | 14 | 1 | 0 | 0 | 11 | 2 | 2 | 0 |
| Chhindwara | 0830 | 685 | 1013.7 | 936.9 | -1.9 | 19.8 | 16.0 | 13.4 | 15.4 | 68 | +10 | 3.4 | +1.9 | 2.1 | 0 | 0 | 11 | 03 | 3 | 3 | 1 | 0 | 1 | 0 | 0 | 19 | 0 |
| | 1730 | 685 | 1009.4 | 934.4 | -1.5 | 25.7 | 18.3 | 13.3 | 15.7 | 48 | +13 | 4.6 | +2.7 | 3.9 | 0 | 0 | 24 | 07 | 2 | 11 | 0 | 3 | 0 | 0 | 1 | 6 | 0 |
| Seoni | 0830 | 619 | 1013.9 | 944.6 | -1.0 | 21.2 | 16.6 | 13.2 | 15.6 | 63 | + 6 | 3.4 | +1.7 | 5.6 | 0 | 0 | 24 | 06 | 6 | 6 | 2 | 2 | 0 | 0 | 2 | 6 | 0 |
| | 1730 | 619 | 1009.8 | 941.7 | -1.1 | 25.7 | 18.0 | 12.9 | 15.1 | 47 | + 5 | 3.8 | +1.9 | 7.1 | 0 | 0 | 30 | 05 | 5 | 5 | 8 | 5 | 0 | 0 | 2 | 0 | 0 |
| Betul | 0830 | 653 | 1013.6 | 940.7 | -1.9 | 21.3 | 16.1 | 12.1 | 14.5 | 58 | + 2 | 2.7 | +1.0 | 3.9 | 0 | 0 | 27 | 01 | 7 | 11 | 8 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 1730 | 653 | 1009.2 | 937.6 | -1.8 | 25.7 | 17.9 | 12.5 | 14.8 | 46 | + 4 | 4.2 | +2.1 | 4.1 | 0 | 0 | 29 | 14 | 10 | 0 | 2 | 2 | 0 | 0 | 1 | 1 | 0 |
| Khandwa | 0830 | 318 | 1013.6 | 977.3 | -1.4 | 21.5 | 16.9 | 13.3 | 15.5 | 62 | + 4 | 2.5 | +0.9 | 1.7 | 0 | 0 | 21 | 00 | 9 | 0 | 9 | 0 | 1 | 0 | 2 | 9 | 0 |
| | 1730 | 318 | 1008.9 | 973.7 | -1.5 | 29.8 | 19.1 | 11.0 | 13.4 | 34 | - 1 | 4.0 | +2.2 | 2.7 | 0 | 0 | 30 | 00 | 22 | 0 | 5 | 0 | 1 | 0 | 2 | 0 | 0 |
| MADHYA PRADESH, EAST | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Satna | 0530 | 317 | 1013.1 | 976.3 | .. | 16.8 | 14.2 | 11.7 | 14.1 | 74 | .. | 3.2 | .. | 0.5 | 0 | 0 | 4 | 01 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 26 | 0 |
| | 0830 | 317 | 1014.7 | 978.4 | -1.0 | 20.7 | 16.0 | 11.9 | 14.4 | 61 | - 1 | 3.4 | +2.2 | 1.9 | 0 | 0 | 17 | 00 | 1 | 8 | 2 | 2 | 0 | 3 | 1 | 13 | 0 |
| | 1130 | 317 | 1013.3 | 977.7 | .. | 26.5 | 17.7 | 10.2 | 13.1 | 41 | .. | 3.8 | .. | 4.3 | 0 | 0 | 27 | 04 | 3 | 11 | 3 | 1 | 0 | 2 | 3 | 3 | 0 |
| | 1430 | 317 | 1010.7 | 975.3 | .. | 27.7 | 18.0 | 9.9 | 12.8 | 39 | .. | 4.0 | .. | 4.1 | 0 | 0 | 26 | 04 | 4 | 6 | 4 | 1 | 1 | 5 | 1 | 4 | 0 |
| | 1730 | 317 | 1011.1 | 975.4 | -0.8 | 24.8 | 17.7 | 11.9 | 14.5 | 49 | + 7 | 3.5 | +2.1 | 2.4 | 0 | 0 | 22 | 07 | 6 | 3 | 1 | 1 | 1 | 0 | 3 | 8 | 0 |
| | 2330 | 317 | 1013.2 | 976.8 | .. | 19.1 | 15.5 | 13.3 | 15.3 | 68 | .. | 3.1 | .. | 0.7 | 0 | 0 | 7 | 02 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 23 | 0 |
| Rewa | 0830 | 299 | 1014.4 | 980.0 | .. | 20.1 | 15.9 | 12.5 | 14.7 | 65 | .. | 3.9 | .. | 2.5 | 0 | 0 | 19 | 02 | 4 | 3 | 4 | 2 | 2 | 1 | 1 | 11 | 0 |
| | 1730 | 299 | 1011.0 | 977.4 | .. | 25.6 | 17.8 | 11.4 | 14.0 | 46 | .. | 3.7 | .. | 3.1 | 0 | 0 | 25 | 06 | 7 | 3 | 0 | 0 | 0 | 1 | 8 | 5 | 0 |
| Sidhi | 0830 | 272H | 1013.9 | 982.6 | -1.7 | 19.9 | 16.7 | 14.2 | 16.4 | 71 | + 6 | . | .. | 0.7 | 0 | 0 | 10 | 01 | 0 | 5 | 0 | 4 | 0 | 0 | 0 | 20 | 0 |
| | 1730 | 272 | 1010.3 | 979.8 | -1.4 | 25.2 | 19.3 | 14.4 | 17.4 | 53 | +11 | . | .. | 1.9 | 0 | 0 | 19 | 14 | 1 | 3 | 1 | 0 | 0 | 0 | 0 | 11 | 0 |
| Umaria | 0830 | 459 | 1014.9 | 962.6 | -0.9 | 20.0 | 16.9 | 14.8 | 16.9 | 74 | +11 | 4.0 | +2.7 | 2.8 | 0 | 0 | 24 | 05 | 1 | 10 | 6 | 1 | 0 | 0 | 0 | 6 | 1 |
| | 1730 | 459 | 1010.8 | 959.6 | -0.6 | 24.9 | 19.9 | 16.9 | 19.6 | 63 | +13 | 4.4 | +2.6 | 1.5 | 0 | 0 | 16 | 09 | 4 | 2 | 0 | 0 | 0 | 0 | 1 | 14 | 0 |
| Jabalpur | 0530 | 393 | 1013.1 | 967.7 | .. | 16.6 | 14.8 | 13.3 | 15.4 | 82 | .. | 2.8 | .. | 1.5 | 0 | 0 | 12 | 01 | 2 | 1 | 6 | 1 | 0 | 0 | 1 | 18 | 0 |
| | 0830 | 393 | 1014.6 | 969.8 | -1.3 | 20.3 | 16.4 | 13.4 | 15.5 | 67 | - 1 | 3.9 | +2.4 | 2.2 | 0 | 0 | 18 | 01 | 4 | 1 | 7 | 3 | 1 | 0 | 1 | 12 | 0 |
| | 1130 | 393 | 1012.8 | 969.0 | .. | 26.8 | 18.8 | 13.1 | 15.2 | 47 | .. | 3.7 | .. | 4.7 | 0 | 0 | 29 | 01 | 10 | 3 | 7 | 2 | 4 | 1 | 1 | 1 | 0 |
| | 1430 | 393 | 1009.9 | 966.5 | .. | 28.5 | 19.1 | 11.9 | 14.4 | 41 | .. | 4.0 | .. | 1.7 | 0 | 0 | 28 | 04 | 15 | 0 | 2 | 2 | 1 | 1 | 3 | 2 | 0 |
| | 1730 | 393 | 1010.3 | 966.6 | -0.9 | 26.0 | 18.8 | 13.6 | 15.9 | 50 | + 6 | 3.7 | +2.0 | 3.0 | 0 | 0 | 22 | 03 | 14 | 1 | 1 | 2 | 0 | 1 | 0 | 8 | 0 |
| | 2030 | 393 | 1012.7 | 968.2 | .. | 21.8 | 17.6 | 14.5 | 16.7 | 65 | .. | 2.3 | .. | 2.4 | 0 | 0 | 17 | 01 | 4 | 8 | 1 | 3 | 0 | 0 | 0 | 13 | 0 |
| Ambikapur | 2330 | 393 | 1013.0 | 968.2 | .. | 19.7 | 16.4 | 13.8 | 16.0 | 70 | .. | 2.3 | .. | 2.2 | 0 | 0 | 16 | 02 | 6 | 3 | 4 | 1 | 0 | 0 | 0 | 14 | 0 |
| | 0830 | 611 | 1014.5 | 945.9 | -1.3 | 20.7 | 16.4 | 13.3 | 15.5 | 64 | - 4 | 3.6 | +2.6 | 4.5 | 0 | 0 | 18 | 04 | 6 | 2 | 2 | 1 | 0 | 2 | 1 | 12 | 0 |
| Jashpurnagar | 1730 | 611 | 1010.4 | 943.0 | -1.4 | 24.7 | 17.5 | 12.4 | 14.7 | 48 | - 3 | 4.6 | +3.4 | 8.3 | 0 | 0 | 30 | 12 | 9 | 2 | 2 | 2 | 1 | 1 | 1 | 0 | 0 |
| | 0830 | 779H | 1014.2 | 927.8 | .. | 20.7 | 16.4 | 13.4 | 15.5 | 64 | .. | 3.1 | .. | 1.7 | 0 | 0 | 17 | 00 | 13 | 0 | 3 | 0 | 1 | 0 | 0 | 13 | 0 |
| Pendra | 1730 | 779 | 1009.9 | 924.8 | .. | 23.8 | 17.4 | 12.9 | 15.2 | 53 | .. | 3.9 | .. | 1.8 | 0 | 0 | 24 | 01 | 8 | 0 | 1 | 0 | 9 | 1 | 4 | 6 | 0 |
| | 0530 | 625 | 1013.1 | 942.4 | .. | 17.5 | 14.5 | 12.0 | 14.3 | 72 | .. | 4.0 | .. | 2.5 | 0 | 0 | 12 | 06 | 0 | 0 | 0 | 1 | 1 | 0 | 4 | 18 | 0 |
| | 0830 | 625 | 1014.5 | 944.5 | -0.9 | 20.8 | 16.3 | 12.9 | 15.3 | 63 | + 6 | 4.2 | +2.5 | 2.4 | 0 | 0 | 14 | 11 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 16 | 0 |
| | 1130 | 625 | 1012.5 | 943.7 | .. | 25.1 | 17.8 | 12.6 | 15.1 | 50 | .. | 3.8 | .. | 6.3 | 0 | 2 | 21 | 14 | 1 | 0 | 0 | 6 | 1 | 0 | 0 | 7 | 1 |
| | 1430 | 625 | 1009.7 | 941.3 | .. | 26.5 | 18.1 | 12.0 | 14.6 | 44 | .. | 4.0 | .. | 6.2 | 0 | 0 | 27 | 12 | 0 | 0 | 0 | 7 | 2 | 1 | 5 | 3 | 0 |
| | 1730 | 625 | 1010.6 | 941.5 | -0.9 | 23.7 | 17.5 | 13.1 | 15.5 | 54 | + 5 | 3.9 | +2.0 | 2.5 | 0 | 0 | 19 | 10 | 0 | 1 | 0 | 5 | 1 | 0 | 2 | 11 | 0 |
| | 2330 | 625 | 1013.2 | 943.1 | .. | 19.3 | 15.6 | 12.7 | 14.5 | 68 | .. | 3.8 | .. | 3.6 | 0 | 1 | 22 | 09 | 0 | 0 | 0 | 4 | 3 | 4 | 3 | 7 | 0 |
| Mandla | 0830 | 443 | 1014.4 | 964.1 | -2.0 | 19.6 | 16.3 | 13.7 | 15.9 | 69 | -10 | 3.0 | +1.3 | 0.4 | 0 | 0 | 3 | 02 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 1730 | 443 | 1009.7 | 960.6 | -1.8 | 26.4 | 18.7 | 13.1 | 15.3 | 46 | + 0 | 3.4 | +1.6 | 1.5b | 0 | 0 | 10 | 05 | 0 | 0 | 0 | 1 | 0 | 0 | 4 | 19 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Mean temperature in °C Dry Bulb | Wet Bulb | Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA PRADESH, EAST (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Champa | 0830 | 245 | 1014.0 | 985.9 | -2.0 | 22.1 | 18.3 | 15.8 | 17.9 | 68 | + 1 | 4.6 | +2.6 | 2.9 | 0 | 0 | 22 | 17 | 1 | 1 | 0 | 1 | 1 | 0 | 1 | 8 | 0 |
| | 1730 | 245 | 1010.0 | 982.5 | -1.9 | 27.9 | 20.2 | 15.1 | 17.4 | 47 | + 2 | 5.4 | +3.3 | 2.2 | 0 | 0 | 21 | 11 | 4 | 4 | 0 | 2 | 0 | 0 | 0 | 9 | 0 |
| Raigarh | 0830 | 220 | 1014.0 | 988.9 | -1.5 | 23.6 | 19.2 | 16.0 | 18.6 | 61 | - 1 | 5.0 | +3.0 | 3.8 | 0 | 0 | 30 | 01 | 24 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 220 | 1009.8 | 985.1 | -1.6 | 27.8 | 20.8 | 16.5 | 18.9 | 50 | + 6 | 5.2 | +3.3 | 2.0 | 0 | 0 | 20 | 01 | 9 | 0 | 5 | 2 | 3 | 0 | 0 | 10 | 0 |
| Raipur | 0530 | 298 | 1011.9 | 977.7 | .. | 20.1 | 17.3 | 15.2 | 17.5 | 75 | .. | 3.5 | .. | 1.3 | 0 | 0 | 10 | 02 | 3 | 1 | 3 | 0 | 0 | 0 | 1 | 20 | 0 |
| | 0830 | 298 | 1013.8 | 979.9 | -1.4 | 23.1 | 18.5 | 15.3 | 17.5 | 63 | + 0 | 4.6 | +2.9 | 4.1 | 0 | 0 | 26 | 09 | 10 | 3 | 3 | 0 | 0 | 0 | 1 | 4 | 0 |
| | 1130 | 298 | 1012.4 | 979.1 | .. | 28.2 | 20.6 | 15.8 | 18.1 | 49 | .. | 5.1 | .. | 5.8 | 0 | 0 | 29 | 09 | 15 | 1 | 2 | 2 | 0 | 0 | 0 | 1 | 0 |
| | 1430 | 298 | 1009.5 | 976.5 | .. | 29.8 | 20.5 | 14.2 | 16.5 | 41 | .. | 5.1 | .. | 5.7 | 0 | 0 | 28 | 06 | 15 | 3 | 3 | 0 | 0 | 0 | 1 | 2 | 0 |
| | 1730 | 298 | 1009.9 | 976.6 | -1.3 | 27.7 | 20.2 | 15.1 | 17.6 | 48 | + 2 | 5.2 | +3.2 | 4.7 | 0 | 0 | 28 | 07 | 11 | 2 | 6 | 1 | 0 | 0 | 1 | 2 | 0 |
| | 2030 | 298 | 1012.0 | 978.3 | .. | 24.7 | 19.3 | 15.5 | 17.9 | 59 | .. | 3.1 | .. | 3.0 | 0 | 0 | 21 | 03 | 9 | 2 | 4 | 2 | 0 | 0 | 1 | 9 | 0 |
| | 2330 | 298 | 1012.1 | 978.2 | .. | 23.2 | 18.7 | 15.6 | 17.9 | 64 | .. | 3.7 | .. | 4.8 | 0 | 0 | 28 | 04 | 4 | 5 | 8 | 4 | 1 | 0 | 2 | 2 | 0 |
| Kanker | 0830 | 402 | 1013.2 | 968.0 | -1.7 | 23.3 | 19.8 | 17.7 | 20.2 | 72 | - 3 | 4.6 | +2.2 | 0.8 | 0 | 0 | 9 | 02 | 3 | 1 | 1 | 0 | 2 | 0 | 0 | 21 | 0 |
| | 1730 | 402 | 1009.4 | 964.9 | -1.4 | 27.0 | 21.1 | 17.6 | 20.2 | 59 | + 7 | 5.5 | +2.8 | 0.8 | 0 | 0 | 7 | 01 | 3 | 0 | 0 | 1 | 1 | 1 | 0 | 23 | 0 |
| Jagdalpur | 0530 | 553 | 1011.3 | 949.0 | .. | 19.2 | 17.6 | 16.5 | 19.0 | 85 | .. | 4.8 | .. | 0.3 | 0 | 0 | 2 | 00 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| | 0830 | 553 | 1012.6 | 950.9 | -1.5 | 22.6 | 19.0 | 16.9 | 19.4 | 71 | - 5 | 5.5 | +2.9 | 2.6 | 0 | 0 | 15 | 05 | 5 | 2 | 2 | 0 | 0 | 0 | 1 | 15 | 0 |
| | 1130 | 553 | 1010.5 | 949.9 | .. | 27.3 | 19.9 | 15.6 | 17.8 | 50 | .. | 5.6 | .. | 6.2 | 0 | 0 | 24 | 02 | 13 | 2 | 2 | 3 | 2 | 0 | 0 | 6 | 0 |
| | 1430 | 553 | 1007.8 | 947.5 | .. | 28.2 | 20.1 | 15.2 | 17.7 | 47 | .. | 6.0 | .. | 5.8 | 0 | 0 | 24 | 03 | 12 | 1 | 3 | 0 | 2 | 0 | 3 | 6 | 0 |
| | 1730 | 553 | 1008.9 | 948.0 | -1.2 | 25.2 | 19.8 | 16.7 | 19.1 | 61 | + 5 | 6.6 | +3.3 | 2.5 | 0 | 0 | 15 | 01 | 8 | 1 | 0 | 2 | 2 | 1 | 0 | 15 | 0 |
| | 2030 | 553 | 1011.5 | 949.9 | .. | 22.9 | 19.2 | 17.1 | 19.5 | 71 | .. | 5.0 | .. | 1.5 | 0 | 0 | 5 | 00 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 25 | 0 |
| | 2330 | 553 | 1011.5 | 949.6 | .. | 21.2 | 18.5 | 16.8 | 19.3 | 77 | .. | 4.9 | .. | 0.9 | 0 | 0 | 5 | 00 | 4 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 0 |
| GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Deesa | 0830 | 136 | 1013.2 | 997.3 | -2.2 | 19.7 | 14.0 | 8.6 | 11.4 | 50 | - 1 | 0.0 | -1.1 | 6.9 | 0 | 0 | 30 | 02 | 19 | 1 | 4 | 0 | 1 | 0 | 3 | 0 | 0 |
| | 1730 | 136 | 1009.4 | 994.2 | -2.2 | 31.2 | 17.6 | 5.5 | 9.1 | 20 | - 7 | 0.0 | -1.2 | 5.8 | 0 | 0 | 28 | 02 | 3 | 0 | 3 | 0 | 2 | 1 | 17 | 2 | 0 |
| Radhanpur | 0830 | 30 | 1013.4 | 1009.9 | -1.9 | 20.3 | 13.6 | 7.0 | 10.2 | 44 | -22 | 0.0 | -0.8 | 2.5 | 0 | 0 | 30 | 17 | 1 | 8 | 0 | 3 | 0 | 1 | 0 | 0 | 0 |
| | 1730 | 30 | 1010.0 | 1006.7 | -2.0 | 30.9 | 18.9 | 9.4 | 12.0 | 26 | -21 | 0.0 | -0.7 | 3.4 | 0 | 0 | 29 | 15 | 0 | 4 | 0 | 1 | 1 | 5 | 3 | 1 | 0 |
| Idar | 0830 | 219 | 1012.3 | 987.5 | -2.8 | 25.3 | 15.6 | 5.8 | 9.9 | 32 | - 6 | 1.5 | +0.0 | 4.7 | 0 | 0 | 27 | 01 | 16 | 4 | 2 | 0 | 0 | 2 | 2 | 3 | 0 |
| | 1730 | 219 | 1009.1 | 984.8 | -2.5 | 30.6 | 19.0 | 10.2 | 12.5 | 29 | - 3 | 2.0 | +0.3 | 1.3 | 0 | 0 | 14 | 01 | 0 | 0 | 1 | 2 | 1 | 9 | 0 | 16 | 0 |
| Ahmadabad | 0230 | 55 | 1010.8 | 1004.4 | .. | 20.9 | 15.4 | 10.6 | 13.0 | 53 | .. | 0.5 | .. | 5.3 | 0 | 0 | 24 | 07 | 5 | 2 | 0 | 0 | 2 | 1 | 7 | 6 | 0 |
| | 0530 | 55 | 1010.8 | 1004.4 | .. | 19.1 | 14.5 | 10.5 | 12.8 | 58 | .. | 0.4 | .. | 3.0 | 0 | 0 | 16 | 02 | 9 | 3 | 0 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 0830 | 55 | 1012.6 | 1006.3 | -2.2 | 22.5 | 16.2 | 10.9 | 13.3 | 49 | - 3 | 1.8 | +0.6 | 6.3 | 0 | 0 | 24 | 03 | 6 | 15 | 0 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 55 | 1012.7 | 1006.5 | .. | 30.6 | 19.9 | 12.3 | 14.5 | 35 | .. | 1.7 | .. | 10.1 | 0 | 0 | 30 | 00 | 2 | 14 | 9 | 1 | 3 | 0 | 1 | 0 | 0 |
| | 1430 | 55 | 1009.7 | 1003.6 | .. | 33.0 | 20.6 | 11.7 | 14.2 | 28 | .. | 2.9 | .. | 7.4 | 0 | 0 | 30 | 03 | 5 | 4 | 3 | 1 | 0 | 2 | 8 | 0 | 4 |
| | 1730 | 55 | 1009.4 | 1003.2 | -2.2 | 31.4 | 19.8 | 11.3 | 13.7 | 30 | + 1 | 2.1 | +0.8 | 5.9 | 0 | 0 | 24 | 06 | 4 | 1 | 0 | 0 | 2 | 2 | 9 | 6 | 0 |
| | 2030 | 55 | 1011.1 | 1004.8 | .. | 25.0 | 18.0 | 12.9 | 15.0 | 48 | .. | 0.7 | .. | 2.5 | 0 | 0 | 12 | 03 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 18 | 1 |
| | 2330 | 55 | 1011.5 | 1005.1 | .. | 22.6 | 16.5 | 11.3 | 13.8 | 51 | .. | 0.4 | .. | 0.3 | 0 | 0 | 14 | 05 | 1 | 1 | 0 | 0 | 0 | 0 | 7 | 16 | 0 |
| Dohad | 0830 | 333 | 1013.1 | 975.4 | -2.2 | 22.9 | 16.2 | 10.6 | 13.0 | 48 | -10 | 1.9 | +0.6 | 5.9 | 0 | 0 | 27 | 00 | 3 | 11 | 8 | 4 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 333 | 1008.5 | 971.9 | -2.4 | 30.6 | 18.7 | 9.1 | 11.9 | 28 | + 1 | 2.5 | +1.8 | 7.2 | 0 | 1 | 26 | 03 | 4 | 1 | 4 | 2 | 5 | 1 | 7 | 3 | 0 |
| Vallabh Vidyanagar | 0830 | 44 | 1012.1 | 1007.1 | .. | 20.1 | 16.5 | 13.5 | 15.9 | 69 | .. | 1.3 | .. | 3.8 | 0 | 0 | 21 | 07 | 9 | 3 | 0 | 1 | 0 | 0 | 1 | 9 | 0 |
| | 1730 | 44 | 1008.9 | 1004.1 | .. | 32.8 | 22.4 | 16.0 | 18.6 | 38 | .. | 1.5 | .. | 3.0 | 0 | 0 | 24 | 08 | 4 | 0 | 1 | 0 | 3 | 2 | 6 | 6 | 0 |
| Baroda Aerodrome | 0830 | 38 | 1012.4 | 1008.1 | -2.4 | 23.1 | 18.1 | 14.4 | 16.7 | 59 | + 4 | 1.7 | +0.4 | 7.9 | 0 | 2 | 21 | 05 | 8 | 7 | 2 | 0 | 0 | 0 | 1 | 7 | 0 |
| | 1130 | 38 | 1012.2 | 1008.0 | .. | 31.2 | 22.3 | 17.0 | 19.6 | 44 | .. | 1.4 | .. | 9.9 | 0 | 5 | 18 | 03 | 2 | 8 | 6 | 2 | 1 | 1 | 0 | 7 | 0 |
| | 1730 | 38 | 1008.9 | 1004.7 | -2.4 | 32.0 | 22.2 | 16.2 | 18.8 | 40 | + 6 | 2.0 | +0.7 | 5.5 | 0 | 1 | 18 | 03 | 4 | 1 | 0 | 0 | 2 | 2 | 7 | 11 | 0 |
| Baroda | 0530 | 34 | 1010.7 | 1006.6 | .. | 20.0 | 16.7 | 14.1 | 16.3 | 70 | .. | 0.4 | .. | 2.3 | 0 | 0 | 19 | 02 | 15 | 0 | 0 | 0 | 2 | 0 | 0 | 11 | 0 |
| | 0830 | 34 | 1012.6 | 1008.6 | -2.1 | 22.6 | 18.1 | 15.0 | 17.1 | 63 | - 5 | 1.7 | +0.7 | 2.0 | 0 | 0 | 21 | 00 | 18 | 1 | 2 | 0 | 0 | 0 | 0 | 9 | 0 |
| | 1130 | 34 | 1012.5 | 1008.6 | .. | 32.6 | 22.5 | 16.5 | 19.0 | 39 | .. | 1.5 | .. | 2.7 | 0 | 0 | 24 | 00 | 18 | 0 | 6 | 0 | 0 | 0 | 0 | 6 | 0 |
| | 1730 | 34 | 1009.0 | 1005.1 | -2.1 | 32.0 | 22.7 | 17.2 | 20.0 | 42 | - 6 | 1.2 | +0.1 | 1.6 | 0 | 0 | 16 | 00 | 4 | 0 | 0 | 0 | 3 | 0 | 9 | 14 | 0 |
| | 2330 | 34 | 1011.3 | 1007.3 | .. | 23.5 | 18.8 | 15.5 | 17.8 | 62 | .. | 0.7 | .. | 1.3 | 0 | 0 | 12 | 00 | 8 | 0 | 0 | 1 | 3 | 0 | 0 | 18 | 0 |
| Broach | 0830 | 17 | .. | 1009.4 | -2.7 | .. | .. | .. | .. | .. | .. | 1.9 | +0.7 | 4.3 | 0 | 0 | 30 | 00 | 17 | 2 | 7 | 0 | 3 | 0 | 1 | 0 | 0 |
| | 1730 | 17 | .. | 1006.3 | -2.4 | .. | .. | .. | .. | .. | .. | 1.6 | +0.4 | 4.9 | 0 | 0 | 30 | 02 | 15 | 0 | 7 | 0 | 1 | 3 | 2 | 0 | 0 |
| Surat | 0530 | 12 | 1010.2 | 1008.8 | .. | 22.0 | 18.0 | 15.0 | 17.4 | 66 | .. | 1.0 | .. | 9.3 | 0 | 0 | 30 | 00 | 19 | 0 | 9 | 0 | 1 | 0 | 1 | 0 | 0 |
| | 0830 | 12 | 1012.3 | 1011.0 | -1.8 | 24.1 | 19.1 | 15.7 | 18.1 | 62 | + 3 | 2.1 | +0.2 | 6.9 | 0 | 0 | 30 | 00 | 14 | 0 | 13 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 1130 b | 12 | 1012.4 | 1011.1 | .. | 31.3 | 22.5 | 17.1 | 20.0 | 44 | .. | 2.1 | .. | 9.1 | 0 | 3 | 26 | 00 | 14 | 0 | 9 | 0 | 0 | 0 | 6 | 0 | 0 |
| | 1730 | 12 | 1008.8 | 1007.5 | -1.8 | 31.1 | 23.6 | 19.3 | 22.9 | 51 | +11 | 1.9 | -0.2 | 8.9 | 0 | 1 | 29 | 00 | 7 | 0 | 1 | 0 | 6 | 0 | 16 | 0 | 0 |
| | 2330 | 12 | 1011.3 | 1009.9 | .. | 24.7 | 20.0 | 17.1 | 19.5 | 64 | .. | 0.7 | .. | 7.2 | 0 | 0 | 30 | 00 | 19 | 0 | 4 | 0 | 3 | 0 | 4 | 0 | 0 |
| SAURASHTRA AND KUTCH (INCLUDING DIU) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Naliya | 0830 | 21 | 1013.9 | 1011.4 | -1.3 | 18.5 | 11.7 | 3.7 | 8.3 | 41 | -24 | 0.9 | -0.7 | 5.5 | 0 | 1 | 25 | 18 | 4 | 3 | 0 | 0 | 0 | 0 | 1 | 4 | 0 |
| | 1730 | 21 | 1010.8 | 1008.4 | -1.3 | 30.4 | 17.0 | 3.6 | 8.5 | 20 | -12 | 1.1 | -0.5 | 9.5 | 0 | 0 | 30 | 21 | 5 | 0 | 0 | 0 | 1 | 2 | 1 | 0 | 0 |
| Bhuj (Rudramata) | 0230 | 80 | 1012.0 | 1002.7 | .. | 20.2 | 13.7 | 7.0 | 10.5 | 44 | .. | 0.2 | .. | 5.8 | 0 | 0 | 16 | 10 | 3 | 0 | 1 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 0530 | 80 | 1012.0 | 1002.6 | .. | 17.5 | 12.4 | 7.2 | 10.3 | 52 | .. | 0.5 | .. | 1.1 | 0 | 0 | 4 | 01 | 1 | 0 | 0 | 0 | 0 | 0 | 2 | 26 | 0 |
| | 0830 | 80 | 1013.7 | 1004.3 | -1.7 | 19.7 | 13.7 | 7.9 | 10.8 | 48 | - 7 | 1.1 | +0.2 | 1.2 | 0 | 1 | 2 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| **SAURASHTRA AND KUTCH (INCLUDING DIU)(contd.)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bhuj (Rudramata ) (Contd.) | 1130 | 80 | 1013.6 | 1004.5 | .. | 27.6 | 17.3 | 7.8 | 11.4 | 32 | .. | 0.7 | .. | 16.5 | 0 | 6 | 24 | 00 | 7 | 21 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1430 | 80 | 1010.7 | 1001.7 | .. | 31.1 | 18.9 | 8.2 | 11.9 | 27 | .. | 1.1 | .. | 16.6 | 0 | 9 | 21 | 06 | 17 | 2 | 1 | 1 | 0 | 0 | 3 | 0 | 0 |
| | 1730 | 80 | 1010.3 | 1001.3 | -1.3 | 30.5 | 18.7 | 8.5 | 12.0 | 28 | + 1 | 1.0 | +0.1 | 14.1 | 0 | 5 | 22 | 10 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| | 2030 | 80 | 1012.1 | 1003.0 | .. | 25.5 | 16.3 | 8.2 | 11.1 | 35 | .. | 0.1 | .. | 5.8 | 0 | 2 | 15 | 05 | 6 | 0 | 0 | 1 | 0 | 0 | 5 | 13 | 0 |
| | 2330 | 80 | 1012.6 | 1003.4 | .. | 22.8 | 14.7 | 6.7 | 10.2 | 38 | .. | 0.2 | .. | 9.9 | 0 | 4 | 18 | 14 | 6 | 0 | 0 | 0 | 0 | 0 | 2 | 8 | 0 |
| Kandla Aerodrome | 0830 | 35 | 1013.5 | 1009.5 | .. | 22.1 | 13.1 | 2.5 | 7.9 | 29 | .. | 1.0 | .. | 17.2 | 0 | 9 | 20 | 15 | 1 | 0 | 0 | 0 | 0 | 0 | 13 | 1 | 0 |
| | 1130 | 35 | 1013.7 | 1009.4 | .. | 29.0 | 15.2 | 1.1 | 6.1 | 12 | .. | 1.0 | .. | 18.0 | 0 | 7 | 23 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| | 1730 | 35 | 1009.8 | 1005.9 | .. | 31.6 | 17.4 | 3.6 | 8.4 | 18 | .. | 0.9 | .. | 19.4 | 0 | 12 | 18 | 20 | 3 | 1 | 1 | 1 | 0 | 0 | 4 | 0 | 0 |
| New Kandla | 0830 | 14 | 1013.6 | 1011.9 | -2.2 | 21.0 | 13.2 | 4.7 | 8.9 | 35 | -25 | 1.5 | -0.3 | 13.1 | 0 | 1 | 29 | 19 | 7 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 1730 | 14 | 1010.2 | 1008.6 | -2.4 | 29.4 | 18.7 | 10.5 | 12.9 | 32 | - 8 | 1.9 | -0.1 | 13.5 | 0 | 5 | 24 | 14 | 10 | 1 | 2 | 0 | 1 | 1 | 0 | 1 | 0 |
| Mandvi | 0830 | 9 | 1013.4 | 1012.3 | -1.6 | 22.2 | 14.2 | 6.1 | 9.7 | 35 | -26 | 1.8 | +0.3 | 11.3 | 0 | 5 | 25 | 15 | 9 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 0 |
| | 1730 | 9 | 1010.6 | 1009.5 | -1.7 | 27.9 | 21.7 | 17.7 | 20.9 | 57 | - 5 | 1.6 | +0.2 | 11.1 | 0 | 4 | 24 | 03 | 2 | 0 | 1 | 2 | 14 | 4 | 2 | 2 | 0 |
| Surendranagar | 0830 | 74 | 1012.7 | 1004.2 | -2.5 | 22.5 | 14.9 | 7.7 | 10.6 | 40 | - 9 | 2.2 | b+1.3 | 5.5 | b0 | 2 | 18 | 13 | 1 | 0 | 0 | 0 | 0 | 1 | 5 | 9 | 0 |
| | 1730 | 74 | 1009.3 | 1001.0 | -2.4 | 31.8 | 19.5 | 10.2 | 12.7 | 27 | + 1 | 2.0 | +0.7 | 6.5 | 0 | 0 | 25 | 13 | 3 | 3 | 0 | 0 | 0 | 1 | 5 | 5 | 0 |
| Okha | 0530 | 7 | 1011.5 | 1010.7 | .. | 24.9 | 18.1 | 12.9 | 15.3 | 48 | .. | 0.3 | .. | 26.9 | 0 | 22 | 8 | 16 | 12 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 0830 | 7 | 1013.3 | 1012.5 | .. | 25.2 | 18.3 | 12.9 | 15.5 | 47 | .. | 1.3 | .. | 23.9 | 0 | 20 | 10 | 08 | 17 | 4 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1130 | 7 | 1013.9 | 1013.1 | .. | 27.0 | 18.9 | 12.9 | 15.3 | 42 | .. | 1.0 | .. | 18.2 | 0 | 8 | 22 | 05 | 16 | 8 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 7 | 1010.8 | 1010.0 | .. | 26.6 | 21.5 | 18.5 | 21.6 | 62 | .. | 1.0 | .. | 18.5 | 0 | 13 | 17 | 04 | 1 | 0 | 0 | 0 | 0 | 1 | 24 | 0 | 0 |
| | 2330 | 7 | 1012.6 | 1011.8 | .. | 25.7 | 19.2 | 14.6 | 16.9 | 52 | .. | 0.1 | .. | 27.3 | 0 | 24 | 6 | 22 | 3 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 0 |
| Jamnagar (Aerodrome) | 0530 | 20 | 1010.9 | 1008.6 | .. | 19.8 | 16.3 | 13.4 | 15.7 | 68 | .. | 0.3 | .. | 12.4 | 0 | 3 | 25 | 03 | 15 | 3 | 2 | 4 | 1 | 0 | 0 | 2 | 0 |
| | 0830 | 20 | 1012.4 | 1010.1 | -2.2 | 21.7 | 16.0 | 11.4 | 13.6 | 53 | - 8 | 1.4 | -0.1 | 12.4 | 0 | 1 | 27 | 01 | 8 | 10 | 6 | 2 | 0 | 0 | 1 | 2 | 0 |
| | 1130 | 20 | 1012.8 | 1010.5 | .. | 27.7 | 18.6 | 11.8 | 14.0 | 38 | .. | 1.2 | .. | 19.4 | 0 | 12 | 18 | 03 | 21 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 20 | 1009.7 | 1007.5 | -1.8 | 29.6 | 19.2 | 11.3 | 13.8 | 34 | - 2 | 1.2 | +0.1 | 17.5 | 0 | 10 | 20 | 13 | 13 | 1 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| | 2330 | 20 | 1011.6 | 1009.3 | .. | 22.6 | 18.9 | 16.5 | 18.6 | 69 | .. | 0.5 | .. | 12.5 | 0 | 1 | 29 | 09 | 7 | 4 | 1 | 0 | 1 | 2 | 6 | 0 | 0 |
| Dwarka | 0830 | 11 | 1012.8 | 1011.5 | -2.1 | 24.2 | .. | .. | .. | .. | .. | 1.1 | -0.2 | 12.9 | 0 | 6 | 24 | 17 | 10 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| | 1730 | 11 | 1010.6 | 1009.3 | -1.2 | 27.6 | .. | .. | .. | .. | .. | 0.9 | -0.2 | 13.9 | 0 | 5 | 25 | 11 | 1 | 0 | 0 | 0 | 1 | 4 | 13 | 0 | 0 |
| Rajkot | 0530 | 138 | 1011.0 | 995.1 | .. | 18.4 | 12.7 | 6.9 | 10.1 | 49 | .. | 0.2 | .. | 6.0 | 0 | 0 | 17 | 04 | 10 | 0 | 0 | 0 | 0 | 1 | 2 | 13 | 0 |
| | 0830 | 138 | 1012.8 | 997.0 | -1.9 | 21.3 | 14.1 | 7.4 | 10.3 | 42 | - 8 | 0.3 | -0.9 | 6.9 | 0 | 2 | 19 | 02 | 12 | 4 | 0 | 0 | 0 | 0 | 1 | 9 | 2 |
| | 1130 | 138 | 1012.4 | 997.0 | .. | 30.4 | 19.3 | 10.7 | 13.4 | 32 | .. | 0.2 | .. | 18.9 | 0 | 15 | 15 | 05 | 13 | 9 | 2 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1430 | 138 | 1009.3 | 994.1 | .. | 32.4 | 20.5 | 11.8 | 14.5 | 30 | .. | 0.5 | .. | 16.6 | 0 | 12 | 16 | 07 | 11 | 5 | 2 | 0 | 0 | 0 | 3 | 2 | 0 |
| | 1730 | 138 | 1009.1 | 993.8 | -1.6 | 31.6 | 19.9 | 10.8 | 13.7 | 30 | + 6 | 0.5 | -0.9 | 19.7 | 0 | 17 | 12 | 09 | 15 | 2 | 0 | 0 | 0 | 0 | 3 | 1 | 0 |
| Bhaunagar Aerodrome) | 0830 | 11 | 1012.3 | 1011.1 | -2.5 | 23.1 | 15.1 | 7.1 | 10.7 | 38 | -12 | 1.9 | +0.4 | 10.3 | 0 | 2 | 22 | 07 | 0 | 0 | 1 | 0 | 0 | 3 | 13 | 6 | 0 |
| | 1130 | 11 | 1012.7 | 1011.5 | .. | 29.7 | 19.6 | 11.7 | 14.6 | 36 | .. | 1.7 | .. | 15.3 | 0 | 8 | 22 | 06 | 11 | 7 | 5 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 11 | 1009.3 | 1008.1 | -2.0 | 31.6 | 20.3 | 12.2 | 14.7 | 32 | + 1 | 2.1 | +0.4 | 14.7 | 0 | 6 | 24 | 02 | 14 | 6 | 6 | 2 | 0 | 0 | 0 | 0 | 0 |
| Porbander Aerodrome | 0830 | 7 | 1012.5 | 1011.7 | -2.0 | 24.7 | 16.9 | 10.5 | 12.9 | 43 | -20 | 1.4 | +0.5 | 12.5 | 0 | 7 | 20 | 06 | 12 | 1 | 2 | 1 | 0 | 1 | 4 | 3 | 0 |
| | 1130 | 7 | 1012.6 | 1011.8 | .. | 32.2 | 19.9 | 10.8 | 13.2 | 28 | .. | 0.9 | .. | 16.1 | 0 | 11 | 19 | 05 | 15 | 5 | 1 | 1 | 0 | 0 | 2 | 0 | 1 |
| | 1730 | 7 | 1009.5 | 1008.7 | -2.0 | 30.9 | 20.4 | 12.6 | 15.5 | 35 | -19 | 1.3 | -0.3 | 22.8 | 0 | 23 | 7 | 09 | 2 | 0 | 0 | 0 | 3 | 11 | 5 | 0 | 0 |
| Keshod | 0830 | 51 | 1012.2 | 1006.3 | -2.5 | 22.6 | 15.2 | 8.1 | 11.3 | 41 | -12 | 1.5 | +0.2 | 13.9 | 0 | 2 | 28 | 02 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 51 | 1012.3 | 1006.5 | .. | 31.1 | 17.9 | 6.3 | 9.8 | 22 | .. | 1.2 | .. | 17.6 | 0 | 12 | 18 | 04 | 22 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | 1730 | 51 | 1008.8 | 1003.1 | -2.5 | 32.0 | 19.7 | 10.0 | 12.9 | 27 | - 6 | 1.5 | -0.1 | 21.1 | 0 | 23 | 7 | 06 | 3 | 0 | 0 | 0 | 12 | 5 | 4 | 0 | 0 |
| Mahuva | 0830 | 9 | 1011.5 | 1010.5 | .. | 23.2 | 16.6 | 10.6 | 13.6 | 48 | .. | 2.2 | .. | 2.6 | 0 | 0 | 24 | 09 | 8 | 3 | 3 | 0 | 0 | 0 | 1 | 6 | 0 |
| | 1730 | 9 | 1008.8 | 1007.8 | .. | 30.6 | 22.8 | 18.2 | 21.4 | 49 | .. | 2.7 | .. | 2.6 | 0 | 0 | 21 | 00 | 1 | 6 | 12 | 1 | 1 | 0 | 0 | 9 | 0 |
| Veraval | 0230 | 8 | 1010.4 | 1009.5 | .. | 22.1 | 17.3 | 12.9 | 15.9 | 60 | .. | 0.1 | .. | 10.1 | 0 | 5 | 23 | 15 | 11 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| | 0530 | 8 | 1010.0 | 1009.1 | .. | 21.1 | 16.0 | 11.3 | 14.1 | 57 | .. | 0.4 | .. | 11.4 | 0 | 5 | 24 | 18 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 0830 | 8 | 1012.0 | 1011.1 | -2.0 | 23.8 | 17.0 | 11.3 | 13.8 | 48 | - 3 | 1.4 | -0.1 | 12.8 | 0 | 6 | 23 | 09 | 18 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1130 | 8 | 1012.1 | 1011.2 | .. | 32.0 | 22.3 | 16.3 | 19.0 | 41 | .. | 1.5 | .. | 14.6 | 0 | 9 | 20 | 05 | 5 | 3 | 2 | 3 | 8 | 1 | 2 | 1 | 0 |
| | 1430 | 8 | 1009.5 | 1008.6 | .. | 31.4 | 24.1 | 20.1 | 24.1 | 53 | .. | 1.8 | .. | 21.4 | 0 | 18 | 12 | 01 | 2 | 0 | 3 | 7 | 6 | 8 | 3 | 0 | 0 |
| | 1730 | 8 | 1009.3 | 1008.4 | -1.5 | 29.3 | 24.0 | 21.1 | 25.6 | 63 | - 2 | 1.8 | +0.3 | 18.5 | 0 | 13 | 17 | 01 | 1 | 0 | 1 | 9 | 4 | 9 | 5 | 0 | 0 |
| | 2030 | 8 | 1011.1 | 1010.2 | .. | 26.8 | 22.1 | 19.2 | 22.7 | 65 | .. | 0.6 | .. | 11.4 | 0 | 8 | 16 | 08 | 1 | 0 | 0 | 2 | 2 | 4 | 7 | 6 | 0 |
| | 2330 | 8 | 1011.5 | 1010.6 | .. | 23.8 | 18.7 | 14.5 | 17.4 | 59 | .. | 0.3 | .. | 9.9 | 0 | 5 | 21 | 15 | 6 | 0 | 0 | 0 | 0 | 1 | 4 | 4 | 0 |
| **KONKAN (INCLUDING GOA)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 0830 | 5 | 1011.2 | 1010.7 | -2.0 | 23.1 | 19.2 | 16.5 | 19.0 | 67 | - 1 | . | .. | 7.1 | 0 | 0 | 30 | 03 | 4 | 12 | 6 | 0 | 5 | 0 | 0 | 0 | 0 |
| | 1730 | 5 | 1008.3 | 1007.8 | -2.2 | 28.5 | 24.3 | 22.1 | 26.9 | 69 | - 2 | . | .. | 11.5 | 0 | 1 | 29 | 10 | 0 | 2 | 0 | 0 | 9 | 0 | 9 | 0 | 0 |
| Bombay (Santa Cruz) | 0230 | 14 | 1009.3 | 1007.6 | -2.4 | 24.2 | 20.7 | 18.7 | 21.6 | 73 | + 2 | 2.2 | +0.7 | 3.1 | 0 | 0 | 17 | 02 | 10 | 3 | 1 | 1 | 0 | 0 | 0 | 13 | 0 |
| | 0530 | 14 | 1009.4 | 1007.7 | .. | 23.5 | 20.2 | 18.2 | 21.0 | 73 | .. | 2.0 | .. | 3.9 | 0 | 0 | 19 | 03 | 6 | 10 | 0 | 0 | 0 | 0 | 0 | 11 | 0 |
| | 0830 | 14 | 1011.4 | 1009.7 | -2.1 | 26.0 | 21.1 | 18.1 | 21.0 | 63 | + 2 | 3.2 | +1.1 | 4.5 | 0 | 0 | 18 | 01 | 5 | 10 | 2 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 1130 | 14 | 1011.1 | 1009.5 | .. | 31.7 | 22.1 | 16.4 | 18.8 | 41 | .. | 3.0 | .. | 10.1 | 0 | 1 | 26 | 00 | 3 | 10 | 7 | 2 | 1 | 2 | 2 | 3 | 0 |
| | 1430 | 14 | 1008.2 | 1006.6 | .. | 32.7 | 22.7 | 16.8 | 19.5 | 40 | .. | 3.5 | .. | 12.1 | 0 | 1 | 27 | 02 | 2 | 3 | 4 | 1 | 1 | 7 | 8 | 2 | 0 |
| | 1730 | 14 | 1008.1 | 1006.5 | -2.3 | 29.9 | 22.9 | 19.0 | 22.1 | 53 | + 0 | 3.3 | +1.2 | 13.1 | 0 | 3 | 27 | 05 | 3 | 0 | 0 | 0 | 0 | 2 | 20 | 0 | 0 |
| | 2030 | 14 | 1010.2 | 1008.5 | .. | 27.4 | 22.6 | 19.9 | 23.5 | 65 | .. | 2.2 | .. | 7.3 | 0 | 0 | 22 | 10 | 2 | 0 | 0 | 0 | 0 | 0 | 10 | 8 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KONKAN (INCLUDING GOA) (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bombay (Santacruz) (Contd.) | 2330 | 14 | 1010.4 | 1008.8 | .. | 25.6 | 21.5 | 18.9 | 22.4 | 68 | .. | 2.6 | .. | 2.6 | 0 | 0 | 12 | 04 | 6 | 1 | 0 | 1 | 0 | 0 | 0 | 18 | 0 |
| Bombay | 0830 | 11 | 1011.2 | 1010.0 | -1.7 | 26.0 | 22.5 | 20.7 | 24.4 | 73 | + 0 | 2.8 | +0.7 | 7.1 | 0 | 0 | 26 | 00 | 11 | 11 | 4 | 0 | 0 | 0 | 0 | 4 | 0 |
| | 1130 | 11 | 1011.2 | 1010.0 | .. | 30.9 | 23.5 | 19.6 | 22.9 | 52 | .. | 2.5 | .. | 7.4 | 0 | 0 | 29 | 01 | 8 | 11 | 6 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 1730 | 11 | 1008.2 | 1007.0 | -1.9 | 29.4 | 23.7 | 20.9 | 24.7 | 61 | - 6 | 3.0 | +1.0 | 12.5 | 0 | 2 | 28 | 04 | 0 | 0 | 0 | 0 | 1 | 7 | 18 | 0 | 0 |
| Alibag | 0830 | 7 | 1010.9 | 1010.1 | -2.2 | 25.5 | 21.9 | 19.8 | 23.2 | 71 | + 2 | 2.9 | +1.0 | 3.7 | 0 | 0 | 19 | 01 | 7 | 6 | 5 | 0 | 0 | 0 | 0 | 11 | 0 |
| Bhira | 0830 | 96 | 1010.9 | 1000.0 | .. | 25.1 | 21.0 | 18.4 | 21.6 | 69 | .. | 2.6 | .. | 1.9 | 0 | 0 | 13 | 00 | 2 | 3 | 5 | 0 | 1 | 1 | 1 | 17 | 0 |
| | 1730 | 96 | 1007.2 | 996.5 | .. | 29.7 | 24.1 | 21.2 | 25.3 | 61 | .. | 3.2 | .. | 1.1 | 0 | 0 | 14 | 01 | 1 | 1 | 0 | 0 | 8 | 0 | 3 | 16 | 0 |
| Harnai | 0830 | 20 | 1010.9 | 1008.6 | -1.8 | 26.9 | 22.7 | 20.3 | 24.1 | 68 | + 8 | 4.4 | +1.8 | 11.4 | 0 | 5 | 23 | 03 | 4 | 13 | 4 | 2 | 0 | 1 | 1 | 2 | 0 |
| | 1730 | 20 | 1008.0 | 1005.7 | -1.9 | 29.0 | 25.2 | 23.5 | 28.9 | 72 | + 3 | 4.2 | +1.4 | 20.6 | 1 | 18 | 11 | 14 | 1 | 0 | 0 | 1 | 0 | 2 | 12 | 0 | 0 |
| Ratnagiri | 0830 | 35 | 1010.6 | 1006.6 | -2.2 | 25.4 | 22.1 | 20.2 | 23.8 | 74 | + 9 | 4.7 | +2.1 | 7.0 | 0 | 2 | 23 | 00 | 1 | 8 | 6 | 0 | 0 | 0 | 0 | 5 | 10 |
| | 1730 | 35 | 1007.8 | 1003.8 | -2.0 | 29.0[b] | 24.2[b] | 21.8[b] | 26.3 | 65[b] | + 0 | 3.7[b] | +0.8 | 11.9[b] | 0 | 4 | 24 | 01 | 0 | 1 | 0 | 1 | 3 | 12 | 9 | 1 | 1 |
| Devgarh | 0830 | 36 | 1010.4 | 1006.3 | -2.3 | 25.1 | 22.7 | 21.4 | 25.6 | 84 | +13 | 4.2 | +1.3 | 10.7 | 0 | 2 | 26 | 02 | 16 | 6 | 2 | 2 | 0 | 0 | 0 | 2 | 0 |
| | 1730 | 36 | 1007.8 | 1003.8 | -1.7 | 29.5[b] | 24.9[b] | 22.7[b] | 27.7 | 68[b] | + 2 | 4.0[b] | +0.9 | 17.2[b] | 0 | 10 | 19 | 01 | 0 | 1 | 0 | 1 | 3 | 11 | 12 | 0 | 0 |
| Vengurla | 0230 | 9 | 1009.2 | 1008.2 | .. | 23.6 | 22.4 | 21.8 | 26.1 | 90 | .. | 3.4 | .. | 1.9 | 0 | 0 | 11 | 06 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 19 | 0 |
| | 0530 | 9 | 1008.8 | 1007.8 | .. | 22.7 | 21.8 | 21.3 | 25.3 | 92 | .. | 3.5 | .. | 3.0 | 0 | 1 | 14 | 09 | 3 | 1 | 0 | 1 | 0 | 0 | 1 | 15 | 0 |
| | 0830 | 9 | 1010.8 | 1009.8 | -2.2 | 24.8 | 22.3 | 21.0 | 24.9 | 80 | + 6 | 3.3 | -0.1 | 5.1 | 1 | 0 | 16 | 07 | 5 | 1 | 2 | 1 | 0 | 1 | 0 | 13 | 0 |
| | 1130 | 9 | 1010.5 | 1009.5 | .. | 30.1 | 23.5 | 19.9 | 23.5 | 57 | .. | 3.3 | .. | 8.5 | 1 | 1 | 24 | 01 | 4 | 4 | 5 | 5 | 4 | 2 | 1 | 4 | 0 |
| | 1730 | 9 | 1007.8 | 1006.8 | -1.9 | 28.7 | 24.2 | 22.0 | 26.6 | 68 | + 4 | 4.4 | +0.5 | 5.9 | 0 | 1 | 26 | 04 | 1 | 2 | 0 | 3 | 6 | 10 | 1 | 3 | 0 |
| | 2330 | 9 | 1010.1 | 1009.1 | .. | 24.4 | 23.0 | 22.3 | 26.9 | 89 | .. | 3.8 | .. | 3.0 | 0 | 1 | 14 | 07 | 5 | 0 | 1 | 1 | 0 | 1 | 0 | 15 | 0 |
| Panjim | 0530 | 60 | 1008.0 | 1001.5 | .. | 23.5 | 22.0 | 21.1 | 25.3 | 87 | .. | 3.7 | .. | 8.7 | 0 | 0 | 27 | 00 | 7 | 15 | 3 | 1 | 0 | 1 | 0 | 3 | 0 |
| | 0830 | 60 | 1009.9 | 1003.5 | .. | 24.2 | 22.0 | 20.9 | 24.6 | 82 | .. | 4.9 | .. | 8.3 | 0 | 1 | 27 | 00 | 12 | 12 | 3 | 1 | 0 | 0 | 0 | 2 | 0 |
| | 1130 | 60 | 1009.9 | 1003.6 | .. | 29.2 | 23.0 | 19.6 | 23.1 | 58 | .. | 4.5 | .. | 9.7 | 0 | 1 | 25 | 01 | 7 | 6 | 4 | 3 | 1 | 3 | 1 | 4 | 0 |
| | 1430 | 60 | 1007.4 | 1000.9 | .. | 30.0 | 23.9 | 20.5 | 24.4 | 58 | .. | 4.7 | .. | 13.1 | 0 | 2 | 28 | 01 | 4 | 2 | 1 | 2 | 4 | 13 | 3 | 0 | 0 |
| | 1730 | 60 | 1006.9 | 1000.5 | .. | 28.4 | 23.6 | 21.2 | 25.2 | 66 | .. | 5.0 | .. | 10.5 | 0 | 1 | 29 | 03 | 4 | 2 | 0 | 2 | 2 | 12 | 5 | 0 | 0 |
| | 2030 | 60 | 1009.1 | 1002.7 | .. | 26.3 | 23.4 | 21.9 | 26.3 | 77 | .. | 4.2 | .. | 6.4 | 0 | 1 | 26 | 07 | 6 | 2 | 1 | 1 | 3 | 0 | 7 | 3 | 0 |
| | 2330 | 60 | 1009.5 | 1003.1 | .. | 25.3 | 23.0 | 21.9 | 26.3 | 82 | .. | 4.2 | .. | 6.9 | 0 | 1 | 25 | 03 | 11 | 7 | 3 | 1 | 1 | 0 | 0 | 4 | 0 |
| Mormugao | 0530 | 62 | 1007.7 | 1000.7 | .. | 24.6 | 22.7 | 21.7 | 25.9 | 84 | .. | 3.6 | .. | 13.3 | 0 | 5 | 24 | 03 | 16 | 5 | 3 | 0 | 2 | 0 | 0 | 1 | 0 |
| | 0830 | 62 | 1009.7 | 1002.7 | -2.7 | 25.9 | 22.9 | 21.4 | 25.5 | 77 | + 8 | 3.9 | +0.8 | 14.2 | 1 | 2 | 27 | 03 | 10 | 13 | 2 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 1130 | 62 | 1009.6 | 1002.7 | .. | 28.8 | 23.4 | 20.5 | 24.4 | 62 | .. | 3.9 | .. | 14.3 | 0 | 3 | 27 | 03 | 5 | 6 | 1 | 7 | 1 | 2 | 5 | 0 | 0 |
| | 1730 | 62 | 1006.7 | 999.8 | -2.2 | 28.2 | 23.9 | 21.8 | 26.1 | 69 | + 4 | 4.7 | +1.4 | 15.7 | 0 | 8 | 22 | 01 | 4 | 1 | 1 | 2 | 9 | 6 | 6 | 0 | 0 |
| Dabolim (Naval Air Station) | 0530 | 52 | 1008.6 | 1002.7 | .. | 23.6 | 22.2 | 21.5 | 25.6 | 88 | .. | 4.4 | .. | 10.1 | 0 | 3 | 21 | 03 | 8 | 8 | 3 | 0 | 1 | 0 | 1 | 6 | 0 |
| | 0830 | 52 | 1010.6 | 1004.8 | .. | 25.5 | 22.5 | 20.9 | 24.7 | 77 | .. | 4.4 | .. | 12.9 | 1 | 1 | 26 | 01 | 9 | 7 | 8 | 2 | 0 | 0 | 1 | 2 | 0 |
| | 1130 | 52 | 1010.5 | 1004.7 | .. | 29.1 | 23.2 | 19.9 | 23.5 | 59 | .. | 4.0 | .. | 17.4 | 1 | 9 | 20 | 02 | 4 | 6 | 5 | 3 | 7 | 1 | 2 | 0 | 0 |
| | 1730 | 52 | 1007.5 | 1001.7 | .. | 28.4 | 23.9 | 21.6 | 25.9 | 68 | .. | 4.7 | .. | 18.7 | 0 | 9 | 21 | 06 | 2 | 3 | 1 | 1 | 2 | 6 | 9 | 0 | 0 |
| | 2330 | 52 | 1009.9 | 1004.1 | .. | 25.6 | 23.4 | 22.3 | 26.9 | 83 | .. | 4.4 | .. | 12.5 | 0 | 3 | 23 | 07 | 9 | 3 | 5 | 1 | 1 | 0 | 0 | 4 | 0 |
| MADHYA MAHARASHTRA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Nandurbar | 0830 | 206 | 1013.1 | 989.6 | -2.2 | 24.6 | 18.2 | 13.4 | 15.7 | 52 | + 3 | 0.7 | -0.7 | 5.7 | 0 | 2 | 19 | 00 | 3 | 13 | 1 | 2 | 0 | 1 | 1 | 9 | 0 |
| | 1730 | 206 | 1008.7 | 985.9 | -2.1 | 30.9 | 20.7 | 13.7 | 15.7 | 37 | - 3 | 0.3 | -1.5 | 3.1 | 0 | 0 | 18 | 03 | 2 | 9 | 1 | 0 | 0 | 2 | 1 | 12 | 0 |
| Jalgaon | 0830 | 201 | 1013.0 | 990.0 | -1.7 | 23.0 | 18.2 | 14.8 | 17.0 | 62 | + 1 | 3.4 | +1.9 | 9.7 | 0 | 1 | 29 | 00 | 4 | 16 | 8 | 2 | 0 | 0 | 0 | 0 | 0 |
| | 1730 | 201 | 1008.7 | 986.3 | -2.2 | 30.5 | 20.8 | 14.2 | 16.7 | 39 | + 9 | 4.3 | +2.5 | 8.9 | 0 | 1 | 27 | 03 | 6 | 12 | 4 | 1 | 0 | 0 | 2 | 2 | 0 |
| Malegaon | 0830 | 437 | 1013.3 | 963.9 | -1.4 | 21.7 | 17.9 | 14.5 | 17.4 | 65 | + 8 | 4.1 | +2.1 | 4.0 | 0 | 0 | 30 | 03 | 4 | 2 | 2 | 2 | 1 | 8 | 8 | 0 | 0 |
| | 1730 | 437 | 1008.4 | 960.4 | -1.3 | 29.3 | 20.2 | 13.7 | 16.3 | 41 | + 7 | 5.0 | +2.7 | 7.4 | 0 | 0 | 30 | 03 | 12 | 8 | 4 | 0 | 0 | 1 | 2 | 0 | 0 |
| Ozar | 0530 | 608 | 1011.7 | 942.9 | .. | 17.7 | 15.1 | 13.2 | 15.3 | 75 | .. | 2.0 | .. | 3.6 | 0 | 0 | 11 | 02 | 1 | 3 | 0 | 1 | 0 | 3 | 1 | 19 | 0 |
| | 0830 | 608 | 1012.5 | 944.7 | .. | 21.7 | 17.3 | 14.3 | 16.5 | 64 | .. | 2.9 | .. | 7.5 | 0 | 5 | 12 | 01 | 4 | 9 | 3 | 0 | 0 | 0 | 0 | 13 | 0 |
| | 1130 | 608 | 1011.1 | 944.5 | .. | 27.4 | 20.0 | 15.6 | 17.9 | 50 | .. | 3.6 | .. | 19.3 | 0 | 14 | 15 | 00 | 1 | 11 | 13 | 3 | 0 | 0 | 1 | 1 | 0 |
| | 1430 | 608 | 1007.5 | 941.6 | .. | 29.6 | 20.6 | 15.3 | 17.7 | 44 | .. | 4.4 | .. | 17.3 | 0 | 11 | 18 | 01 | 3 | 4 | 14 | 3 | 4 | 0 | 0 | 1 | 0 |
| | 1730 | 608 | 1007.6 | 941.5 | .. | 28.3 | 19.9 | 14.7 | 17.1 | 46 | .. | 3.8 | .. | 15.4 | 0 | 8 | 21 | 00 | 3 | 6 | 11 | 3 | 3 | 0 | 3 | 1 | 0 |
| Ahmadnagar | 0830 | 657 | 1012.7 | 939.5 | -1.4 | 21.9 | 17.9 | 15.3 | 17.6 | 68 | + 9 | 5.2 | +2.9 | 4.1 | 0 | 1 | 16 | 02 | 2 | 0 | 6 | 2 | 0 | 0 | 5 | 13 | 0 |
| | 1730 | 657 | 1007.6 | 936.3 | -1.4 | 28.1 | 21.1 | 16.7 | 19.9 | 54 | +14 | 5.2 | +2.6 | 9.7 | 0 | 4 | 25 | 03 | 15 | 1 | 6 | 0 | 3 | 0 | 1 | 1 | 0 |
| Poona (Aerodrome) | 0230 | 593 | 1010.4 | 943.9 | .. | 20.6 | 17.5 | 15.2 | 17.7 | 73 | .. | 2.6 | .. | 7.4 | 0 | 3 | 14 | 00 | 3 | 9 | 1 | 0 | 0 | 3 | 1 | 13 | 0 |
| | 0530 | 593 | 1010.7 | 944.1 | .. | 19.4 | 17.0 | 15.0 | 17.3 | 76 | .. | 2.6 | .. | 6.6 | 0 | 0 | 18 | 01 | 5 | 6 | 0 | 0 | 0 | 4 | 2 | 12 | 0 |
| | 0830 | 593 | 1012.1 | 945.7 | .. | 21.6 | 17.9 | 15.5 | 17.8 | 70 | .. | 4.2 | .. | 8.4 | 0 | 3 | 17 | 01 | 5 | 10 | 0 | 0 | 1 | 3 | 0 | 10 | 0 |
| | 1130 | 593 | 1010.7 | 945.6 | .. | 27.4 | 19.6 | 14.7 | 17.0 | 48 | .. | 4.1 | .. | 18.5 | 0 | 15 | 12 | 00 | 1 | 20 | 3 | 0 | 1 | 2 | 0 | 3 | 0 |
| | 1730 | 593 | 1007.0 | 942.5 | .. | 28.5 | 19.4 | 13.5 | 15.9 | 42 | .. | 4.5 | .. | 16.6 | 0 | 9 | 21 | 03 | 3 | 15 | 3 | 0 | 1 | 5 | 0 | 0 | 0 |
| | 2330 | 593 | 1011.0 | 944.8 | .. | 22.2 | 18.3 | 15.7 | 18.2 | 68 | .. | 3.0 | .. | 10.5 | 0 | 3 | 21 | 01 | 1 | 8 | 3 | 0 | 0 | 10 | 1 | 6 | 0 |
| Poona | 0530 | 559 | 1011.4 | 947.9 | .. | 17.6 | 16.2 | 15.2 | 17.4 | 86 | .. | 2.9 | .. | 1.1 | 0 | 0 | 4 | 00 | 0 | 3 | 0 | 0 | 0 | 1 | 0 | 26 | 0 |
| | 0830 | 559 | 1012.6 | 949.8 | -2.4 | 21.0 | 18.2 | 16.3 | 18.9 | 76 | +11 | 3.8 | +1.5 | 2.5 | 0 | 0 | 10 | 01 | 0 | 7 | 1 | 0 | 0 | 1 | 0 | 20 | 0 |
| | 1130 | 559 | 1010.8 | 949.3 | .. | 27.4 | 20.3 | 15.9 | 18.6 | 53 | .. | 3.8 | .. | 8.7 | 0 | 1 | 27 | 00 | 0 | 18 | 7 | 0 | 0 | 3 | 0 | 2 | 0 |
| | 1430 | 559 | 1007.3 | 946.5 | .. | 29.3 | 20.6 | 15.3 | 17.8 | 45 | .. | 4.6 | .. | 8.1 | 0 | 0 | 26 | 01 | 1 | 13 | 8 | 0 | 0 | 3 | 0 | 4 | 0 |
| | 1730 | 559 | 1007.4 | 946.3 | -1.5 | 28.0 | 20.2 | 15.4 | 17.9 | 48 | + 9 | 5.1 | +2.1 | 3.9 | 0 | 0 | 16 | 00 | 1 | 8 | 3 | 0 | 0 | 4 | 0 | 14 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. | | | Mean temperature in °C | | | Vapour pressure in mbs. | Relative Humidity % | | Cloud Amount (Oktas) | | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) | | | No. of observations | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | At mean sea level or ht. in gpm. of nearest standard isobaric level | At station level | Departure from normal | Dry Bulb | Wet Bulb | Dew point | | | Departure from normal | Mean amount | Departure from normal | | 62 or more | 20 to 61 | 1 to 19 | Wind direction | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | N | NE | E | SE | S | SW | W | NW | Calm | Variable |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADHYA MAHARASHTRA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Poona (Contd.) | 2030 | 559 | 1010.6 | 948.4 | .. | 23.6 | 18.9 | 15.9 | 18.4 | 63 | .. | 3.4 | .. | 1.9 | 0 | 0 | 7 | 00 | 0 | 4 | 1 | 0 | 0 | 1 | 1 | 23 | 0 |
| | 2330 | 559 | 1011.6 | 948.8 | .. | 20.7 | 17.9 | 16.0 | 18.5 | 75 | .. | 3.2 | .. | 2.0 | 0 | 0 | 7 | 00 | 0 | 5 | 0 | 0 | 0 | 2 | 0 | 23 | 0 |
| Jeur | 0830 | 521 | 1012.3 | 953.8 | -1.9 | 21.5 | 18.5 | 16.6 | 19.0 | 75 | +14 | 4.5 | +2.3 | 5.3 | 0 | 0 | 24 | 04 | 4 | 7 | 3 | 1 | 0 | 2 | 3 | 6 | 0 |
| | 1730 | 521 | 1007.2 | 950.2 | -1.9 | 28.4 | 20.4 | 15.3 | 18.1 | 48 | + 8 | 4.3 | +1.7 | 14.3 | 0 | 5 | 25 | 04 | 3 | 14 | 2 | 3 | 0 | 3 | 1 | 0 | 0 |
| Baramati | 0830 | 551 | 1012.6 | 950.8 | -2.2 | 21.6 | 18.9 | 17.3 | 19.9 | 76 | + 9 | 2.1 | -0.6 | 7.3 | 0 | 0 | 30 | 06 | 0 | 13 | 1 | 2 | 0 | 6 | 2 | 0 | 0 |
| | 1730 | 551 | 1007.5 | 947.3 | -2.0 | 28.2 | 22.1 | 18.7 | 22.1 | 59 | +16 | 3.4 | +0.0 | 8.7 | 0 | 0 | 30 | 05 | 2 | 12 | 3 | 3 | 0 | 4 | 1 | 0 | 0 |
| Sholapur | 0530 | 479 | 1010.6 | 956.7 | .. | 21.2 | 18.2 | 16.2 | 18.6 | 75 | .. | 4.1 | .. | 6.1 | 0 | 0 | 25 | 02 | 3 | 10 | 7 | 0 | 0 | 1 | 2 | 5 | 0 |
| | 0830 | 479 | 1012.5 | 958.9 | -1.4 | 23.8 | 19.5 | 16.9 | 19.5 | 67 | +10 | 3.4[b] | +0.8 | 7.6 | 0 | 0 | 30 | 00 | 15 | 0 | 9 | 0 | 0 | 0 | 6 | 0 | 0 |
| | 1130 | 479 | 1010.9 | 958.2 | .. | 28.3 | 20.8 | 16.3 | 19.0 | 51 | .. | 4.6 | .. | 11.3 | 0 | 6 | 23 | 00 | 7 | 5 | 12 | 2 | 1 | 1 | 1 | 1 | 0 |
| | 1430 | 479 | 1007.5 | 955.2 | .. | 30.1 | 21.0 | 15.4 | 18.2 | 44 | .. | 5.3 | .. | 11.9 | 0 | 6 | 22 | 02 | 8 | 6 | 8 | 1 | 1 | 2 | 0 | 2 | 0 |
| | 1730 | 479 | 1007.7 | 955.2 | -1.2 | 28.4 | 20.3 | 15.3 | 17.8 | 49 | +13 | 5.0[b] | +1.8 | 7.2[b] | 0 | 0 | 28 | 04 | 5 | 10 | 4 | 3 | 0 | 1 | 1 | 1 | 0 |
| | 2330 | 479 | 1010.9 | 957.4 | .. | 23.3 | 19.2 | 16.5 | 19.3 | 68 | .. | 3.8 | .. | 7.7 | 0 | 1 | 27 | 03 | 10 | 8 | 6 | 0 | 1 | 0 | 0 | 2 | 0 |
| Miraj | 0830 | 554 | 1012.3 | 950.4 | -1.2 | 22.1 | 19.0 | 17.1 | 19.7 | 74 | + 9 | 5.1 | +2.3 | .. | 0E | 0 | 14 | 00 | 0 | 11 | 0 | 0 | 0 | 1 | 2 | 16 | 0 |
| Kolhapur | 1730 | 554 | 1007.3 | 946.9 | -1.0 | 27.8 | 20.4 | 16.1 | 18.5 | 52 | +10 | 5.4 | +2.1 | .. | 0E | 0 | 16 | 01 | 0 | 10 | 2 | 0 | 1 | 2 | 0 | 14 | 0 |
| | 0530 | 570 | 1009.9 | 945.9 | .. | 19.7 | 17.9 | 16.7 | 19.3 | 83 | .. | 3.3 | .. | 3.1 | 0 | 1 | 9 | 00 | 1 | 8 | 1 | 0 | 0 | 0 | 0 | 20 | 0 |
| | 0830 | 570 | 1011.3 | 947.7 | -2.4 | 21.9 | 18.8 | 16.6 | 19.5 | 74 | + 8 | 3.5 | +0.9 | 4.1 | 0 | 0 | 17 | 00 | 4 | 10 | 3 | 0 | 0 | 0 | 0 | 13 | 0 |
| | 1130 | 570 | 1010.1 | 947.5 | .. | 26.8 | 20.4 | 16.7 | 19.3 | 57 | .. | 4.1 | .. | 8.7 | 0 | 3 | 23 | 00 | 3 | 15 | 5 | 0 | 1 | 2 | 0 | 4 | 0 |
| | 1730 | 570 | 1006.7 | 944.5 | -2.0 | 27.6 | 20.3 | 15.9 | 18.5 | 52 | +11 | 4.7 | +1.3 | 7.1 | 0 | 2 | 25 | 01 | 4 | 17 | 0 | 0 | 1 | 2 | 2 | 3 | 0 |
| | 2330 | 570 | 1010.4 | 946.8 | .. | 22.0 | 19.2 | 17.6 | 20.2 | 77 | .. | 3.3 | .. | 3.5 | 0 | 1 | 16 | 00 | 0 | 15 | 0 | 0 | 0 | 2 | 0 | 13 | 0 |
| Udgiri | 0830 | | .. | .. | .. | 20.9 | 17.4 | 14.8 | 17.3 | 70 | .. | 3.1 | .. | 18.3 | 0 | 12 | 18 | 00 | 8 | 18 | 1 | 0 | 1 | 1 | 1 | 0 | 0 |
| | 1730 | | .. | .. | .. | 23.2 | 18.8 | 16.0 | 18.5 | 66 | .. | 2.9 | .. | 9.7 | 0 | 2 | 28 | 02 | 6 | 9 | 5 | 4 | 2 | 1 | 1 | 0 | 0 |
| MARATHWADA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 0830 | 581 | 1013.0 | 948.3 | -1.6 | 23.2 | 18.2 | 14.8 | 17.3 | 62 | + 6 | 4.4 | +2.1 | 5.5 | 0 | 1 | 23 | 00 | 2 | 19 | 1 | 0 | 0 | 2 | 0 | 6 | 0 |
| | 1730 | 581 | 1008.4 | 945.0 | -1.6 | 28.0 | 19.3 | 13.5 | 16.0 | 43 | + 5 | 4.7 | +2.0 | 6.8 | 0 | 0 | 26 | 01 | 5 | 11 | 4 | 2 | 1 | 2 | 0 | 4 | 0 |
| Aurangabad (Chikalthan) | 0230 | 579 | 1011.4 | 946.0 | .. | 18.6 | 15.4 | 12.9 | 15.2 | 71 | .. | 3.2 | .. | 2.3 | 0 | 1 | 4 | 00 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 25 | 0 |
| | 0530 | 579 | 1011.6 | 946.0 | .. | 17.6 | 14.9 | 12.7 | 15.0 | 74 | .. | 3.2 | .. | 2.3 | 0 | 0 | 7 | 00 | 0 | 5 | 1 | 0 | 0 | 1 | 0 | 23 | 0 |
| | 0830 | 579 | 1012.6 | 947.9 | -2.2 | 22.6 | 17.8 | 14.3 | 16.8 | 62 | + 7 | 4.3 | +2.5 | 7.3 | 0 | 2 | 16 | 02 | 3 | 9 | 2 | 0 | 0 | 2 | 0 | 12 | 0 |
| | 1130 | 579 | 1011.2 | 947.6 | .. | 27.1 | 19.2 | 14.0 | 16.5 | 48 | .. | 4.2 | .. | 19.3 | 0 | 14 | 16 | 01 | 4 | 10 | 13 | 1 | 1 | 0 | 0 | 0 | 0 |
| | 1430 | 579 | 1007.8 | 944.8 | .. | 29.0 | 19.4 | 12.9 | 15.5 | 40 | .. | 5.2 | .. | 14.5 | 0 | 6 | 22 | 01 | 4 | 6 | 13 | 0 | 0 | 4 | 0 | 2 | 0 |
| | 1730 | 579 | 1007.9 | 944.7 | -2.1 | 27.5 | 18.9 | 12.9 | 15.5 | 43 | + 3 | 4.9 | +2.4 | 12.3 | 0 | 0 | 29 | 01 | 7 | 10 | 8 | 0 | 0 | 3 | 0 | 1 | 0 |
| | 2030 | 579 | 1011.1 | 946.6 | .. | 22.9 | 17.6 | 13.9 | 16.3 | 59 | .. | 3.7 | .. | 5.8 | 0 | 1 | 15 | 03 | 3 | 6 | 2 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 2330 | 579 | 1011.9 | 946.8 | .. | 20.3 | 16.5 | 13.7 | 16.0 | 67 | .. | 3.6 | .. | 4.3 | 0 | 2 | 9 | 00 | 3 | 5 | 0 | 0 | 0 | 2 | 1 | 19 | 0 |
| Parbhani | 0830 | 423 | 1013.2 | 965.4 | -2.2 | 22.3 | 18.5 | 15.9 | 18.2 | 68 | +13 | 3.9 | +1.8 | 5.7 | 0 | 1 | 17 | 03 | 5 | 6 | 3 | 0 | 0 | 1 | 0 | 12 | 0 |
| | 1730 | 423 | 1008.8 | 962.1 | -1.9 | 28.3 | 20.1 | 14.4 | 16.8 | 45 | + 8 | 5.1 | +2.4 | 8.5 | 0 | 3 | 23 | 03 | 9 | 8 | 3 | 1 | 0 | 1 | 1 | 4 | 0 |
| Nander | 0830 | 358 | 1012.5 | 972.2 | .. | 24.3 | 20.1 | 17.5 | 20.0 | 67 | .. | 2.6 | .. | 1.8 | 0 | 0 | 13 | 01 | 1 | 4 | 0 | 6 | 0 | 1 | 0 | 17 | 0 |
| | 1730 | 358 | 1008.3 | 968.8 | .. | 29.5 | 22.6 | 18.8 | 21.8 | 54 | .. | 3.0 | .. | 4.8 | 0 | 0 | 25 | 05 | 1 | 7 | 8 | 4 | 0 | 0 | 0 | 5 | 0 |
| Bir | 0830 | 519 | 1013.3 | 954.9 | .. | 21.6 | 18.8 | 17.1 | 19.6 | 73 | .. | 3.7 | .. | 4.1 | 0 | 1 | 15 | 00 | 7 | 0 | 5 | 0 | 3 | 0 | 1 | 14 | 0 |
| | 1730 | 519 | 1008.7 | 951.6 | .. | 27.3 | 20.4 | 16.7 | 19.0 | 55 | .. | 3.0 | .. | 5.5 | 0 | 0 | 26 | 00 | 22 | 0 | 2 | 0 | 1 | 0 | 1 | 4 | 0 |
| VIDARBHA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 0830 | 313 | 1013.7 | 978.1 | -2.2 | 22.2 | 18.1 | 15.1 | 17.4 | 65 | - 2 | 3.4 | +1.7 | 1.9 | 0 | 0 | 20 | 09 | 3 | 0 | 2 | 3 | 1 | 1 | 1 | 10 | 0 |
| | 1730 | 313 | 1009.7 | 974.9 | .. | 27.6 | 19.9 | 14.5 | 16.9 | 47 | .. | 3.2 | .. | 0.9 | 0 | 0 | 7 | 03 | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 23 | 0 |
| Nagpur (Sonegaon) | 0230 | 310 | 1011.2 | 975.7 | .. | 20.1 | 17.0 | 14.7 | 16.8 | 72 | .. | 3.6 | .. | 3.3 | 0 | 0 | 22 | 09 | 5 | 1 | 1 | 0 | 0 | 1 | 5 | 8 | 0 |
| | 0530 | 310 | 1011.7 | 976.0 | .. | 19.0 | 16.4 | 14.3 | 16.5 | 75 | .. | 3.1 | .. | 3.3 | 0 | 0 | 20 | 11 | 3 | 1 | 0 | 1 | 0 | 1 | 3 | 10 | 0 |
| | 0830 | 310 | 1013.5 | 978.3 | -2.2 | 23.1 | 18.1 | 14.5 | 16.7 | 60 | + 1 | 4.2 | +2.3 | 6.2 | 0 | 1 | 27 | 10 | 11 | 4 | 1 | 0 | 1 | 0 | 1 | 2 | 0 |
| | 1130 | 310 | 1012.1 | 977.6 | .. | 28.7 | 20.6 | 15.3 | 17.6 | 46 | .. | 4.3 | .. | 7.9 | 0 | 0 | 30 | 03 | 5 | 12 | 6 | 2 | 2 | 0 | 0 | 0 | 0 |
| | 1430 | 310 | 1009.0 | 974.7 | .. | 30.2 | 20.5 | 13.9 | 16.2 | 39 | .. | 5.4 | .. | 8.0 | 0 | 0 | 30 | 05 | 6 | 8 | 6 | 2 | 1 | 1 | 1 | 0 | 0 |
| | 1730 | 310 | 1009.3 | 974.8 | -2.1 | 27.5 | 19.7 | 14.2 | 16.6 | 46 | + 3 | 5.3 | +3.1 | 5.5 | 0 | 0 | 28 | 03 | 7 | 11 | 5 | 0 | 1 | 0 | 1 | 2 | 0 |
| | 2030 | 310 | 1011.8 | 976.7 | .. | 23.3 | 18.5 | 15.1 | 17.4 | 62 | .. | 3.7 | .. | 3.9 | 0 | 0 | 25 | 05 | 8 | 5 | 6 | 1 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 310 | 1012.0 | 976.6 | .. | 21.7 | 17.8 | 15.0 | 17.5 | 66 | .. | 4.0 | .. | 4.1 | 0 | 0 | 21 | 06 | 7 | 2 | 0 | 0 | 1 | 1 | 4 | 9 | 0 |
| Amraoti | 0830 | 370 | 1012.8 | 971.1 | -2.0 | 23.7 | 17.6 | 12.9 | 15.2 | 53 | + 5 | 3.2 | +1.1 | 3.7 | 0 | 0 | 29 | 04 | 12 | 10 | 2 | 0 | 0 | 1 | 0 | 1 | 0 |
| | 1730 | 370 | 1008.9 | 968.0 | -1.9 | 29.0 | 19.4 | 12.2 | 14.7 | 39 | + 6 | 4.0 | +1.5 | 2.8 | 0 | 0 | 30 | 06 | 4 | 8 | 8 | 1 | 0 | 0 | 3 | 0 | 0 |
| Akola Aerodrome | 0530 | 309 | 1011.0 | 975.5 | .. | 19.6 | 16.1 | 13.2 | 15.5 | 68 | .. | 3.2 | .. | 5.7 | 0 | 0 | 30 | 02 | 7 | 14 | 1 | 0 | 4 | 2 | 0 | 0 | 0 |
| | 0830 | 309 | 1012.5 | 977.3 | .. | 22.5 | 17.7 | 14.0 | 16.3 | 61 | .. | 3.8 | .. | 6.1 | 0 | 0 | 29 | 00 | 9 | 9 | 4 | 3 | 0 | 2 | 2 | 1 | 0 |
| | 1130 | 309 | 1011.7 | 977.3 | .. | 28.2 | 20.1 | 14.5 | 16.9 | 46 | .. | 4.2 | .. | 7.6 | 0 | 0 | 30 | 01 | 8 | 8 | 6 | 1 | 0 | 3 | 3 | 0 | 0 |
| | 1430 | 309 | 1008.3 | 974.2 | .. | 30.5 | 20.4 | 13.3 | 15.8 | 38 | .. | 4.8 | .. | 8.5 | 0 | 0 | 30 | 07 | 8 | 4 | 5 | 2 | 1 | 1 | 2 | 0 | 0 |
| | 1730 | 309 | 1008.2 | 973.9 | .. | 29.2 | 20.0 | 13.5 | 15.9 | 41 | .. | 4.9 | .. | 8.3 | 0 | 2 | 28 | 05 | 10 | 6 | 3 | 1 | 0 | 0 | 5 | 0 | 0 |
| | 2030 | 309 | 1010.3 | 975.6 | .. | 25.4 | 18.8 | 14.0 | 16.3 | 52 | .. | 4.1 | .. | 7.5 | 0 | 2 | 28 | 01 | 4 | 10 | 7 | 3 | 0 | 1 | 4 | 0 | 0 |
| | 2330 | 309 | 1010.9 | 975.9 | .. | 23.1 | 18.1 | 14.3 | 16.7 | 60 | .. | 4.0 | .. | 7.1 | 0 | 0 | 28 | 00 | 4 | 7 | 9 | 3 | 1 | 2 | 2 | 2 | 0 |
| Akola | 0830 | 282 | 1013.1 | 981.0 | -1.7 | 22.4 | 17.6 | 14.0 | 16.2 | 61 | + 2 | 3.5 | +1.5 | 1.0 | 0 | 0 | 15 | 01 | 7 | 4 | 2 | 0 | 0 | 1 | 0 | 15 | 0 |
| | 1730 | 282 | 1008.2 | 977.0 | -2.0 | 29.9 | 20.3 | 13.7 | 16.0 | 40 | + 5 | 5.0 | +3.0 | 2.0 | 0 | 0 | 27 | 00 | 14 | 3 | 5 | 0 | 0 | 0 | 5 | 3 | 0 |
| Bramhapuri | 0830 | 229 | 1013.3 | 987.1 | -2.8 | 21.7 | 18.6 | 16.7 | 19.0 | 74 | + 1 | 4.2 | +2.0 | 2.9 | 0 | 0 | 26 | 07 | 10 | 1 | 3 | 2 | 0 | 0 | 3 | 4 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| VIDARBHA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bramhapuri (Contd.) | 1730 | 229 | 1009.5 | 984.0 | -2.5 | 28.8 | 20.9 | 15.9 | 18.3 | 48 | + 6 | 6.0 | +3.6 | 4.4 | 0 | 0 | 30 | 07 | 10 | 6 | 4 | 1 | 1 | 1 | 0 | 0 | 0 |
| Buldana | 0830 | 650 | 1012.5 | 940.1 | -2.0 | 22.0 | 17.6 | 14.6 | 16.9 | 65 | +11 | 3.9 | +1.9 | 8.9 | 0 | 1 | 26 | 02 | 1 | 4 | 11 | 6 | 3 | 0 | 0 | 3 | 0 |
| | 1730 | 650 | 1008.2 | 937.2 | -2.0 | 26.6 | 19.0 | 14.3 | 16.4 | 48 | + 7 | 5.0 | +2.9 | 6.0 | 0 | 1 | 27 | 03 | 11 | 2 | 10 | 0 | 0 | 0 | 2 | 2 | 0 |
| Yeotmal | 0830 | 451 | 1012.7 | 962.0 | -2.2 | 23.4 | 18.1 | 14.3 | 16.5 | 58 | + 5 | 4.0 | +1.7 | 7.9 | 0 | 1 | 27 | 06 | 9 | 8 | 2 | 2 | 0 | 1 | 0 | 2 | 0 |
| | 1730 | 451 | 1008.6 | 958.9 | -2.2 | 27.7 | 19.3 | 13.2 | 15.6 | 43 | + 1 | 5.6 | +3.2 | 6.5 | 0 | 0 | 30 | 09 | 7 | 9 | 2 | 1 | 0 | 1 | 1 | 0 | 0 |
| Chandrapur | 0830 | 193 | 1012.7 | 990.6 | -2.5 | 22.7 | 19.4 | 17.3 | 19.9 | 72 | + 0 | 4.0 | +1.8 | 4.1 | 0 | 0 | 26 | 06 | 8 | 7 | 1 | 1 | 0 | 0 | 3 | 4 | 0 |
| | 1730 | 193 | 1009.0 | 987.3 | -2.0 | 28.7 | 21.5 | 17.1 | 19.7 | 50 | - 3 | 5.3 | +2.9 | 4.0 | 0 | 0 | 26 | 06 | 9 | 8 | 1 | 1 | 0 | 0 | 1 | 4 | 0 |
| Pusad | 0830 | 334 | 1013.7 | 975.7 | .. | 22.3 | 19.1 | 17.2 | 19.5 | 73 | .. | 3.1 | .. | 3.5 | 0 | 0 | 14 | 00 | 2 | 2 | 0 | 0 | 5 | 2 | 3 | 11 | 0 |
| | 1730 | 334 | 1010.2 | 973.2 | .. | 29.1 | 22.1 | 17.9 | 20.8 | 52 | .. | 4.9 | .. | 4.8 | 0 | 0 | 23 | 00 | 10 | 2 | 8 | 0 | 0 | 1 | 2 | 2 | 0 |
| Sironcha | 0830 | 123 | 1013.0 | 998.9 | -2.3 | 24.0 | 21.2 | 19.7 | 22.9 | 77 | + 0 | 5.3 | +2.8 | 1.4 | 0 | 0 | 16 | 01 | 9 | 0 | 4 | 0 | 0 | 0 | 2 | 14 | 0 |
| | 1730 | 123 | 1009.5 | 995.6 | -1.9 | 28.7 | 22.7 | 19.4 | 22.7 | 57 | + 6 | 5.6 | +2.8 | 2.1 | 0 | 0 | 21 | 00 | 8 | 0 | 12 | 0 | 0 | 0 | 1 | 9 | 0 |
| Wardha | 0830 | 283 | 1013.1 | 981.0 | .. | 24.0 | 18.3 | 14.3 | 16.4 | 56 | .. | 3.8 | .. | 5.1 | 0 | 0 | 29 | 06 | 11 | 5 | 2 | 1 | 2 | 0 | 2 | 1 | 0 |
| | 1730 | 283 | 1009.3 | 977.8 | .. | 28.9 | 19.9 | 13.6 | 15.9 | 41 | .. | 4.8 | .. | 3.7 | 0 | 0 | 27 | 03 | 5 | 8 | 3 | 4 | 0 | 2 | 2 | 3 | 0 |
| Bhandara | 0830 | | .. | .. | .. | 23.2 | 18.9 | 15.8 | 18.3 | 65 | .. | . | .. | 5.0 | 0 | 0 | 30 | 03 | 15 | 3 | 3 | 0 | 1 | 0 | 0 | 0 | 5 |
| | 1730 | | .. | .. | .. | 29.1 | 21.5 | 16.4 | 19.5 | 49 | .. | . | .. | 3.5 | 0 | 0 | 29 | 00 | 11 | 7 | 7 | 1 | 0 | 1 | 0 | 1 | 2 |
| COASTAL ANDHRA PRADESH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kalingapatam | 0830 | 6 | 1012.5 | 1011.9 | -1.5 | 25.2 | 23.1 | 22.0 | 26.6 | 83 | + 2 | 4.1 | +0.5 | 6.1 | 0 | 0 | 28 | 08 | 5 | 0 | 2 | 2 | 0 | 1 | 7 | 2 | 3 |
| | 1730 | 6 | 1009.6 | 1008.9 | -1.6 | 26.4 | 23.6 | 22.2 | 26.7 | 75 | + 7 | 3.8 | +0.0 | 11.5 | 0 | 2 | 27 | 04 | 4 | 2 | 2 | 3 | 0 | 0 | 0 | 1 | 14 |
| Vishakhapatnam | 0230 | 3 | 1010.2 | 1009.8 | .. | 24.2 | 22.6 | 21.8 | 26.1 | 87 | .. | 4.0 | .. | 5.5 | 0 | 0 | 23 | 02 | 7 | 2 | 1 | 0 | 0 | 1 | 10 | 7 | 0 |
| | 0530 | 3 | 1010.5 | 1010.1 | .. | 24.0 | 22.3 | 21.5 | 25.1 | 86 | .. | 5.4 | .. | 5.7 | 0 | 2 | 19 | 04 | 5 | 2 | 0 | 0 | 0 | 3 | 7 | 9 | 0 |
| | 0830 | 3 | 1012.5 | 1012.1 | -1.4 | 26.7 | 23.4 | 21.7 | 25.9 | 75 | + 7 | 4.8 | +1.3 | 7.7 | 0 | 2 | 23 | 03 | 11 | 4 | 1 | 0 | 0 | 0 | 6 | 5 | 0 |
| | 1130 | 3 | 1011.6 | 1011.2 | .. | 29.2 | 23.6 | 20.6 | 24.6 | 62 | .. | 5.6 | .. | 15.0 | 0 | 11 | 18 | 03 | 10 | 6 | 6 | 1 | 0 | 1 | 1 | 1 | 1 |
| | 1430 | 3 | 1009.3 | 1008.9 | .. | 29.0 | 24.3 | 21.7 | 26.6 | 66 | .. | 5.2 | .. | 17.2 | 0 | 12 | 18 | 01 | 4 | 11 | 10 | 0 | 2 | 0 | 1 | 0 | 1 |
| | 1730 | 3 | 1009.9 | 1009.5 | -1.1 | 26.8 | 23.7 | 22.2 | 26.7 | 76 | + 3 | 5.1 | +1.4 | 14.3 | 0 | 7 | 23 | 01 | 5 | 17 | 4 | 1 | 0 | 0 | 2 | 0 | 0 |
| | 2030 | 3 | 1011.9 | 1011.5 | .. | 25.7 | 23.6 | 22.6 | 27.3 | 83 | .. | 4.1 | .. | 8.3 | 0 | 3 | 20 | 02 | 9 | 9 | 0 | 0 | 0 | 1 | 2 | 7 | 0 |
| | 2330 | 3 | 1011.6 | 1011.2 | .. | 24.8 | 23.1 | 22.2 | 26.9 | 86 | .. | 3.5 | .. | 6.6 | 0 | 2 | 22 | 05 | 5 | 4 | 1 | 0 | 1 | 1 | 7 | 6 | 0 |
| Kakinada | 0830 | 8 | 1012.2 | 1011.3 | -1.6 | 26.3 | 23.1 | 21.3 | 25.6 | 75 | + 4 | 4.9 | +1.5 | 12.2 | 0 | 3 | 27 | 02 | 21 | 0 | 0 | 0 | 1 | 0 | 6 | 0 | 0 |
| | 1730 | 8 | 1009.3 | 1008.3 | -1.4 | 27.2 | 23.8 | 22.4 | 26.7 | 71 | + 2 | 5.2 | +1.6 | 19.4 | 0 | 8 | 22 | 00 | 16 | 4 | 9 | 0 | 0 | 0 | 1 | 0 | 0 |
| Nidadavole | 0830 | 12 | 1012.2 | 1010.7 | -2.8 | 25.4 | 22.9 | 21.7 | 25.9 | 78 | - 1 | 5.5 | +1.4 | 7.4 | 0 | 1 | 28 | 04 | 16 | 6 | 0 | 0 | 0 | 0 | 3 | 1 | 0 |
| | 1730 | 12 | 1009.3 | 1007.8 | -2.3 | 26.8 | 23.4 | 21.4 | 25.9 | 73 | + 7 | 6.1 | +1.2 | 5.2 | 0 | 0 | 26 | 00 | 3 | 18 | 2 | 0 | 0 | 0 | 3 | 4 | 0 |
| Rentachintala | 0830 | 106 | 1011.9 | 999.8 | -1.9 | 24.4 | 22.2 | 21.0 | 25.1 | 83 | + 9 | 5.1 | +1.1 | 0.9 | 0 | 0 | 13 | 00 | 0 | 6 | 0 | 3 | 0 | 4 | 0 | 17 | 0 |
| | 1730 | 106 | 1008.8 | 996.8 | -1.2 | 27.8 | 23.3 | 20.9 | 25.1 | 68 | +18 | 6.0 | +1.6 | 0.8 | 0 | 0 | 12 | 01 | 0 | 5 | 0 | 3 | 0 | 3 | 0 | 18 | 0 |
| Gannavaram | 0230 | 24 | 1009.5 | 1006.8 | .. | 23.8 | 22.2 | 21.2 | 25.5 | 86 | .. | 4.5 | .. | 7.1 | 0 | 2 | 19 | 07 | 4 | 7 | 1 | 0 | 0 | 0 | 2 | 9 | 0 |
| | 0530 | 24 | 1010.0 | 1007.3 | .. | 23.6 | 22.0 | 21.0 | 25.2 | 86 | .. | 5.3 | .. | 7.9 | 0 | 2 | 19 | 06 | 2 | 12 | 0 | 0 | 0 | 0 | 1 | 9 | 0 |
| | 0830 | 24 | 1012.2 | 1009.4 | -1.9 | 26.0 | 22.8 | 21.3 | 25.2 | 78 | + 8 | 6.0 | +2.7 | 12.0 | 0 | 3 | 25 | 04 | 7 | 13 | 2 | 0 | 0 | 1 | 1 | 2 | 0 |
| | 1130 | 24 | 1011.1 | 1008.4 | .. | 28.6 | 23.4 | 20.7 | 24.6 | 63 | .. | 6.0 | .. | 15.9 | 0 | 11 | 19 | 05 | 4 | 15 | 3 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1430 | 24 | 1008.5 | 1005.8 | .. | 29.4 | 23.6 | 20.6 | 24.4 | 61 | .. | 6.0 | .. | 13.9 | 0 | 7 | 22 | 04 | 4 | 13 | 5 | 1 | 1 | 0 | 1 | 1 | 0 |
| | 1730 | 24 | 1009.1 | 1006.4 | -1.5 | 27.2 | 23.4 | 21.5 | 25.6 | 72 | +10 | 5.3 | +1.3 | 11.1 | 0 | 2 | 28 | 02 | 2 | 17 | 5 | 3 | 0 | 0 | 1 | 0 | 0 |
| | 2030 | 24 | 1011.2 | 1008.5 | .. | 25.1 | 22.9 | 21.7 | 26.1 | 83 | .. | 4.9 | .. | 8.6 | 0 | 1 | 24 | 02 | 2 | 18 | 3 | 0 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 24 | 1011.0 | 1008.2 | .. | 24.3 | 22.5 | 21.6 | 25.8 | 86 | .. | 5.0 | .. | 7.0 | 0 | 2 | 19 | 03 | 2 | 11 | 2 | 1 | 0 | 0 | 2 | 9 | 0 |
| Masulipatam | 0830 | 3 | 1011.9 | 1011.5 | -1.8 | 25.2 | 23.1 | 22.0 | 26.4 | 80 | + 1 | 6.6 | +3.1 | 4.9 | 0 | 0 | 29 | 06 | 10 | 8 | 0 | 1 | 1 | 0 | 2 | 1 | 1 |
| | 1730 | 3 | 1009.1 | 1008.8 | -1.4 | 26.9 | 24.0 | 22.4 | 26.9 | 76 | + 4 | 6.6 | +2.7 | 5.5 | 0 | 0 | 30 | 02 | 4 | 18 | 3 | 0 | 1 | 1 | 1 | 0 | 0 |
| Ongole | 0830 | 12 | 1011.6 | 1010.3 | -2.2 | 26.1 | 24.0 | 22.8 | 28.3 | 79 | + 4 | 5.0 | +1.2 | 4.0 | 0 | 0 | 30 | 02 | 20 | 3 | 1 | 0 | 0 | 1 | 3 | 0 | 0 |
| | 1730 | 12 | 1008.7 | 1007.4 | -1.8 | 27.3 | 24.5 | 23.5 | 28.4 | 79 | +12 | 5.2 | +1.6 | 2.9 | 0 | 0 | 30 | 01 | 17 | 8 | 1 | 0 | 0 | 0 | 3 | 0 | 0 |
| Nellore | 0530 | 20 | 1009.0 | 1006.7 | .. | 24.2 | 24.0 | 23.8 | 29.7 | 98 | .. | 6.8 | .. | 2.1 | 0 | 0 | 9 | 00 | 5 | 0 | 0 | 0 | 0 | 0 | 4 | 21 | 0 |
| | 0830 | 20 | 1010.8 | 1008.6 | -2.3 | 25.9 | 24.8 | 24.3 | 30.4 | 91 | + 7 | 6.8 | +2.0 | 5.4 | 0 | 0 | 28 | 00 | 11 | 0 | 6 | 0 | 0 | 0 | 11 | 2 | 0 |
| | 1130 | 20 | 1010.5 | 1008.3 | .. | 28.2 | 25.7 | 24.7 | 31.1 | 82 | .. | 6.6 | .. | 7.2 | 0 | 1 | 28 | 00 | 10 | 1 | 7 | 0 | 2 | 0 | 9 | 1 | 0 |
| | 1430 | 20 | 1008.1 | 1005.9 | .. | 29.1 | 26.1 | 25.0 | 31.3 | 78 | .. | 6.1 | .. | 6.8 | 0 | 0 | 30 | 01 | 13 | 0 | 8 | 0 | 1 | 0 | 7 | 0 | 0 |
| | 1730 | 20 | 1008.2 | 1006.0 | -1.9 | 27.0 | 25.4 | 24.5 | 31.1 | 85 | +10 | 6.6 | +1.6 | 8.0 | 0 | 0 | 30 | 00 | 19 | 0 | 6 | 0 | 1 | 0 | 4 | 0 | 0 |
| | 2330 | 20 | 1010.3 | 1008.0 | .. | 25.2 | 24.7 | 24.5 | 30.7 | 96 | .. | 6.6 | .. | 2.3 | 0 | 0 | 9 | 00 | 4 | 1 | 2 | 0 | 0 | 0 | 2 | 21 | 0 |
| TELANGANA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ramgundam | 0830 | 156 | 1012.3 | 994.5 | -2.4 | 24.2 | 21.1 | 19.3 | 22.4 | 75 | + 9 | 4.0 | +1.5 | 2.1 | 0 | 0 | 12 | 02 | 3 | 0 | 2 | 4 | 1 | 0 | 0 | 18 | 0 |
| | 1730 | 156 | 1008.8 | 991.3 | -2.1 | 29.4 | 22.5 | 18.6 | 21.6 | 53 | + 9 | 4.8 | +2.0 | 2.2 | 0 | 0 | 17 | 03 | 5 | 7 | 1 | 1 | 0 | 0 | 0 | 13 | 0 |
| Nizamabad | 0830 | 381 | 1012.8 | 969.9 | -1.2 | 23.9 | 20.0 | 17.7 | 20.2 | 68 | + 2 | 3.4 | +1.0 | 0.3 | 0 | 0 | 3 | 01 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 381 | 1008.4 | 966.4 | -1.2 | 28.5 | 21.3 | 16.1 | 18.3 | 50 | + 9 | 3.4 | +0.8 | 1.3 | 0 | 0 | 13 | 02 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 17 | 0 |
| Hanamkonda | 0830 | 269 | 1012.4 | 982.0 | -1.9 | 24.0 | 21.1 | 18.8 | 22.7 | 76 | + 7 | 4.0 | +1.4 | 1.8 | 0 | 0 | 24 | 08 | 0 | 0 | 5 | 8 | 0 | 0 | 3 | 6 | 0 |
| | 1730 | 269 | 1009.4 | 980.1 | -0.4 | 28.1 | 22.2 | 19.1 | 21.8 | 59 | +11 | 3.1 | +0.4 | 1.9 | 0 | 0 | 28 | 10 | 9 | 3 | 5 | 1 | 0 | 0 | 0 | 2 | 0 |
| Hakimpet Aerodrome | 0530 | 613 | 1010.9 | 942.1 | .. | 20.2 | 18.7 | 17.6 | 20.5 | 83 | .. | 5.1 | .. | 10.0 | 0 | 2 | 20 | 01 | 2 | 9 | 8 | 0 | 1 | 0 | 1 | 8 | 0 |
| | 0830 | 613 | 1011.9 | 943.7 | .. | 22.5 | 19.8 | 18.1 | 21.0 | 78 | .. | 6.1 | .. | 14.7 | 0 | 7 | 21 | 01 | 4 | 7 | 13 | 1 | 0 | 1 | 1 | 2 | 0 |
| | 1130 | 613 | 1010.7 | 943.5 | .. | 26.1 | 20.8 | 17.7 | 20.8 | 61 | .. | 6.0 | .. | 20.4 | 0 | 13 | 16 | 02 | 2 | 10 | 12 | 0 | 1 | 0 | 2 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| TELANGANA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hakimpet Aerodrome (Contd.) | 1730 | 613 | 1008.6 | 941.4 | .. | 25.8 | 20.5 | 17.5 | 20.2 | 61 | .. | 5.6 | .. | 14.6 | 0 | 4 | 24 | 02 | 4 | 12 | 6 | 0 | 1 | 0 | 1 | 2 | 0 |
| | 2330 | 613 | 1011.3 | 942.9 | .. | 21.6 | 19.6 | 18.4 | 21.3 | 83 | .. | 4.8 | .. | 10.4 | 0 | 1 | 26 | 02 | 1 | 14 | 8 | 1 | 0 | 0 | 1 | 3 | 0 |
| Bhadrachalam | 0830 | 111 | 1012.0 | 999.3 | -3.0 | 24.7 | 21.7 | 20.1 | 23.5 | 76 | - 3 | 5.4 | +2.0 | 2.3 | 0 | 0 | 27 | 01 | 19 | 0 | 2 | 0 | 1 | 0 | 4 | 3 | 0 |
| | 1730 | 111 | 1008.4 | 995.9 | -2.6 | 28.9 | 22.7 | 19.3 | 22.5 | 57 | + 2 | 4.9 | +1.4 | 2.5 | 0 | 0 | 30 | 01 | 24 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| Hyderabad (Begampet) | 0230 | 545 | 1010.6 | 949.4 | .. | 20.3 | 18.6 | 17.6 | 20.5 | 86 | .. | 4.7 | .. | 5.5 | 0 | 1 | 22 | 05 | 3 | 6 | 8 | 0 | 0 | 0 | 1 | 7 | 0 |
| | 0530 | 545 | 1010.9 | 949.6 | .. | 19.5 | 18.2 | 17.4 | 19.7 | 88 | .. | 4.8 | .. | 5.5 | 0 | 1 | 20 | 03 | 1 | 8 | 7 | 0 | 0 | 0 | 2 | 9 | 0 |
| | 0830 | 545 | 1012.7 | 951.7 | -1.3 | 21.9 | 19.5 | 18.1 | 20.5 | 80 | +12 | 6.5 | +3.0 | 8.7 | 0 | 1 | 26 | 04 | 4 | 7 | 9 | 1 | 1 | 0 | 1 | 3 | 0 |
| | 1130 | 545 | 1010.9 | 951.1 | .. | 26.7 | 20.6 | 17.1 | 19.3 | 58 | .. | 6.1 | .. | 14.9 | 0 | 6 | 24 | 03 | 3 | 7 | 14 | 0 | 1 | 0 | 2 | 0 | 0 |
| | 1730 | 545 | 1008.5 | 948.6 | -1.1 | 26.2 | 20.3 | 16.7 | 19.0 | 59 | +11 | 6.1 | +2.4 | 11.4 | 0 | 1 | 28 | 02 | 8 | 8 | 9 | 1 | 0 | 1 | 0 | 1 | 0 |
| | 2330 | 545 | 1011.7 | 950.7 | .. | 21.5 | 19.2 | 17.9 | 20.4 | 81 | .. | 4.8 | .. | 6.2 | 0 | 0 | 26 | 04 | 5 | 5 | 10 | 2 | 0 | 0 | 0 | 4 | 0 |
| Khammam | 0830 | 112 | 1012.2 | 999.5 | -1.8 | 24.5 | 21.8 | 20.6 | 23.8 | 74 | - 3 | 6.4 | +3.1 | 2.2 | 0 | 0 | 14 | 04 | 0 | 8 | 1 | 0 | 0 | 0 | 1 | 16 | 0 |
| | 1730 | 112 | 1008.6 | 996.2 | -1.7 | 29.3 | 22.5 | 18.2 | 21.7 | 54 | + 4 | 6.0 | +2.3 | 1.0 | 0 | 0 | 13 | 05 | 0 | 5 | 3 | 0 | 0 | 0 | 0 | 17 | 0 |
| Mahbubnagar | 0830 | 505 | 1011.7 | 955.2 | -2.5 | 23.6 | 20.1 | 18.1 | 20.6 | 73 | + 8 | 6.5 | +3.2 | 8.9 | 0 | 3 | 26 | 01 | 11 | 15 | 2 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | 505 | 1007.7 | 952.4 | -2.0 | 26.8 | 20.6 | 16.3 | 19.3 | 60 | +13 | 6.1 | +2.4 | 7.6 | 0 | 1 | 26 | 01 | 10 | 16 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| RAYALASEEMA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kurnool | 0830 | 281 | 1012.2 | 980.4 | -1.3 | 23.9 | 21.0 | 19.3 | 22.4 | 76 | + 4 | 5.2 | +1.6 | 6.9 | 0 | 1 | 28 | 00 | 15 | 0 | 6 | 0 | 2 | 0 | 6 | 1 | 0 |
| | 1730 | 281 | 1008.2 | 976.9 | -1.0 | 27.9 | 22.6 | 18.9 | 21.6 | 59 | +15 | 6.2 | +2.1 | 7.0 | 0 | 0 | 27 | 00 | 10 | 0 | 10 | 0 | 1 | 0 | 6 | 3 | 0 |
| Nandyal | 0830 | 212 | 1011.8 | 987.8 | .. | 24.5 | 22.3 | 20.9 | 25.2 | 79 | .. | 5.5 | .. | 4.6 | 0 | 1 | 25 | 04 | 9 | 8 | 3 | 0 | 0 | 0 | 2 | 4 | 0 |
| | 1730 | 212 | 1008.0 | 984.2 | .. | 27.0 | 23.0 | 20.8 | 24.9 | 74 | .. | 5.6 | .. | 8.8 | 0 | 0 | 29 | 04 | 4 | 20 | 1 | 0 | 0 | 0 | 0 | 1 | 0 |
| Anantapur | 0530 | 350 | 1009.4 | 969.8 | .. | 21.6 | 20.5 | 19.8 | 23.2 | 90 | .. | 4.7 | .. | 4.9 | 0 | 2 | 11 | 00 | 5 | 5 | 2 | 0 | 0 | 1 | 0 | 17 | 0 |
| | 0830 | 350 | 1011.4 | 972.0 | -2.0 | 23.6 | 21.2 | 19.7 | 23.2 | 79 | + 9 | 5.3 | +1.8 | 6.1 | 0 | 1 | 18 | 02 | 5 | 8 | 1 | 0 | 0 | 1 | 2 | 11 | 0 |
| | 1130 | 350 | 1010.3 | 971.3 | .. | 27.2 | 22.2 | 19.3 | 22.7 | 64 | .. | 5.3 | .. | 9.2 | 0 | 2 | 21 | 01 | 9 | 6 | 5 | 0 | 0 | 0 | 2 | 7 | 0 |
| | 1430 | 350 | 1007.0 | 968.4 | .. | 28.4 | 22.4 | 19.0 | 22.2 | 59 | .. | 5.9 | .. | 9.3 | 0 | 2 | 26 | 02 | 11 | 7 | 3 | 1 | 0 | 0 | 4 | 2 | 0 |
| | 1730 | 350 | 1007.3 | 968.5 | -1.6 | 27.3 | 22.3 | 19.5 | 22.8 | 65 | +18 | 5.9 | +1.9 | 9.5 | 0 | 3 | 20 | 01 | 11 | 10 | 1 | 0 | 0 | 0 | 0 | 7 | 0 |
| | 2030 | 350 | 1009.9 | 970.7 | .. | 25.1 | 22.0 | 20.1 | 23.8 | 76 | .. | 4.4 | .. | 9.9 | 0 | 5 | 15 | 00 | 5 | 13 | 2 | 0 | 0 | 0 | 0 | 10 | 0 |
| | 2330 | 350 | 1010.2 | 970.9 | .. | 23.7 | 21.5 | 20.4 | 23.8 | 81 | .. | 4.2 | .. | 9.8 | 0 | 6 | 15 | 00 | 5 | 13 | 2 | 0 | 0 | 0 | 1 | 9 | 0 |
| Cuddapah | 0830 | 130 | 1011.8 | 996.9 | -1.9 | 24.1 | 23.0 | 22.0 | 26.3 | 83 | + 9 | 4.4 | +0.2 | 2.1 | 0 | 0 | 12 | 00 | 1 | 6 | 5 | 0 | 0 | 0 | 0 | 18 | 0 |
| | 1730 | 130 | 1008.1 | 993.4 | -1.6 | 27.3 | 24.4 | 23.0 | 28.3 | 79 | + 8 | 5.8 | +1.2 | 3.5 | 0 | 0 | 19 | 00 | 4 | 8 | 7 | 0 | 0 | 0 | 0 | 11 | 0 |
| Arogyavaram | 0830 | 701 | 1010.6 | 933.9 | -1.9 | 21.9 | 20.1 | 19.2 | 22.1 | 86 | + 7 | 6.5 | +1.7 | 6.3 | 0 | 0 | 28 | 02 | 2 | 1 | 10 | 2 | 4 | 1 | 6 | 2 | 0 |
| | 1730 | 701 | 1007.2 | 930.6 | -2.2 | 24.3 | 20.5 | 19.5 | 22.7 | 71 | + 7 | 6.7 | +1.5 | 6.6 | 0 | 1 | 29 | 05 | 7 | 2 | 9 | 1 | 0 | 0 | 5 | 0 | 1 |
| MADRAS STATE (INCLUDING PONDICHERRY) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Madras | 0830 | 6 | 1010.8 | 1010.1 | -2.2 | 26.5 | 24.6 | 23.8 | 29.5 | 85 | + 6 | 5.6 | +0.5 | 6.2 | 0 | 2 | 17 | 03 | 1 | 1 | 3 | 1 | 0 | 4 | 6 | 11 | 0 |
| | 1730 | 6 | 1007.9 | 1007.2 | .. | 27.0 | 24.4 | 23.2 | 28.4 | 80 | .. | 5.6 | .. | 5.8 | 0 | 0 | 26 | 04 | 8 | 10 | 2 | 0 | 2 | 0 | 0 | 4 | 0 |
| Madras (Minambakkam) | 0230 | 16 | 1008.4 | 1006.5 | .. | 24.6 | 23.7 | 23.3 | 28.6 | 92 | .. | 4.3 | .. | 5.7 | 0 | 2 | 17 | 02 | 0 | 2 | 2 | 2 | 0 | 3 | 7 | 11 | 1 |
| | 0530 | 16 | 1008.5 | 1006.7 | .. | 24.2 | 23.4 | 23.0 | 28.1 | 93 | .. | 4.5 | .. | 8.5 | 0 | 4 | 20 | 03 | 2 | 3 | 4 | 0 | 1 | 8 | 2 | 6 | 1 |
| | 0830 | 16 | 1010.7 | 1008.9 | -2.0 | 26.2 | 24.3 | 23.3 | 28.9 | 85 | + 2 | 5.8 | -0.1 | 11.3 | 0 | 4 | 24 | 04 | 2 | 2 | 5 | 3 | 1 | 7 | 4 | 2 | 0 |
| | 1130 | 16 | 1009.8 | 1008.1 | .. | 28.6 | 24.8 | 23.1 | 28.3 | 73 | .. | 6.3 | .. | 15.5 | 1 | 6 | 23 | 10 | 3 | 5 | 5 | 2 | 2 | 1 | 2 | 0 | 0 |
| | 1430 | 16 | 1007.2 | 1005.4 | .. | 28.8 | 24.8 | 22.8 | 28.1 | 71 | .. | 6.1 | .. | 14.5 | 1 | 3 | 26 | 08 | 5 | 3 | 5 | 5 | 0 | 1 | 3 | 0 | 0 |
| | 1730 | 16 | 1008.0 | 1006.3 | -1.8 | 27.0 | 24.4 | 23.1 | 28.4 | 80 | + 4 | 5.7 | +0.3 | 11.1 | 1 | 0 | 27 | 06 | 6 | 9 | 3 | 2 | 0 | 0 | 2 | 2 | 0 |
| | 2030 | 16 | 1010.2 | 1008.4 | .. | 25.9 | 24.3 | 23.5 | 29.1 | 87 | .. | 4.6 | .. | 6.9 | 0 | 1 | 21 | 05 | 3 | 7 | 4 | 1 | 0 | 0 | 2 | 8 | 0 |
| | 2330 | 16 | 1010.1 | 1008.3 | .. | 25.1 | 24.0 | 23.5 | 28.9 | 91 | .. | 5.1 | .. | 6.3 | 0 | 2 | 17 | 06 | 1 | 6 | 3 | 1 | 0 | 1 | 1 | 11 | 0 |
| Vellore | 0530 | 214 | 1009.3 | 984.9 | .. | 22.5 | 21.9 | 21.6 | 25.8 | 94 | .. | 3.9 | .. | 1.1 | 0 | 0 | 3 | 00 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 0830 | 214 | 1011.2 | 986.9 | -1.7 | 23.9 | 22.4 | 21.7 | 25.9 | 88 | + 5 | 5.5 | +0.7 | 5.0 | 0 | 3 | 10 | 04 | 2 | 0 | 0 | 3 | 0 | 1 | 3 | 17 | 0 |
| | 1130 | 214 | 1010.3 | 986.2 | .. | 27.1 | 23.2 | 21.1 | 25.3 | 72 | .. | 5.7 | .. | 7.1 | 0 | 2 | 25 | 04 | 7 | 2 | 2 | 5 | 2 | 4 | 1 | 3 | 0 |
| | 1730 | 214 | 1007.7 | 983.7 | -1.6 | 27.1 | 22.9 | 20.6 | 24.4 | 70 | + 6 | 5.5 | +0.2 | 7.3 | 0 | 2 | 26 | 03 | 7 | 10 | 4 | 1 | 0 | 2 | 1 | 2 | 0 |
| | 2330 | 214 | 1010.6 | 986.3 | .. | 24.0 | 22.1 | 21.1 | 25.0 | 85 | .. | 3.7 | .. | 1.4 | 0 | 1 | 2 | 00 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 27 | 0 |
| Tambaram (Aerodrome) | 0830 | 29 | 1010.4 | 1007.1 | .. | 26.2 | 24.8 | 24.2 | 30.2 | 89 | .. | 6.0 | .. | 15.0 | 1 | 5 | 23 | 06 | 4 | 1 | 2 | 5 | 3 | 3 | 5 | 1 | 0 |
| | 1730 | 29 | 1007.9 | 1004.6 | .. | 26.7 | 24.4 | 23.5 | 28.9 | 82 | .. | 5.7 | .. | 16.9 | 1 | 6 | 23 | 05 | 3 | 6 | 10 | 5 | 0 | 0 | 1 | 0 | 0 |
| Tiruppattur | 0830 | 390 | 1010.6 | 966.8 | -2.5 | 22.9 | 21.5 | 20.8 | 24.6 | 88 | + 1 | 7.1 | +1.9 | 3.6 | 0 | 0 | 24 | 18 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 0 |
| | 1730 | 390 | 1007.0 | 963.8 | -2.3 | 26.7 | 22.5 | 20.4 | 24.0 | 72 | + 5 | 6.7 | +0.8 | 5.7 | 0 | 0 | 28 | 22 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 2 | 0 |
| Mettur Dam R.S. | 0830 | | .. | .. | .. | 25.0 | 22.8 | 21.7 | 25.9 | 82 | .. | 5.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 26.7 | 24.3 | 23.2 | 29.3 | 81 | .. | 5.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Cuddalore | 0530 | 12 | 1008.4 | 1007.0 | .. | 24.2 | 23.6 | 23.3 | 28.6 | 95 | .. | 4.4 | .. | 2.9 | 0 | 1 | 10 | 03 | 0 | 0 | 3 | 1 | 2 | 0 | 2 | 19 | 0 |
| | 0830 | 12 | 1010.5 | 1009.2 | -2.1 | 25.9 | 24.6 | 23.9 | 29.7 | 88 | + 5 | 5.3 | +0.0 | 6.1 | 0 | 0 | 26 | 03 | 4 | 1 | 3 | 4 | 4 | 3 | 4 | 4 | 0 |
| | 1130 | 12 | 1009.8 | 1008.5 | .. | 28.3 | 25.3 | 23.8 | 29.5 | 76 | .. | 5.5 | .. | 8.3 | 0 | 1 | 29 | 03 | 9 | 2 | 11 | 1 | 0 | 2 | 2 | 0 | 0 |
| | 1430 | 12 | 1007.1 | 1005.8 | .. | 29.0 | 25.4 | 23.9 | 29.7 | 75 | .. | 5.0 | .. | 9.8 | 0 | 5 | 24 | 01 | 11 | 3 | 10 | 1 | 1 | 0 | 2 | 1 | 0 |
| | 1730 | 12 | 1007.3 | 1006.0 | -2.1 | 27.8 | 25.3 | 24.1 | 30.0 | 81 | + 5 | 5.2 | -0.2 | 7.5 | 0 | 1 | 24 | 02 | 8 | 4 | 9 | 2 | 0 | 0 | 0 | 5 | 0 |
| | 2330 | 12 | 1010.0 | 1008.7 | .. | 25.8 | 24.7 | 24.1 | 30.0 | 90 | .. | 3.8 | .. | 3.3 | 0 | 1 | 14 | 02 | 5 | 0 | 6 | 2 | 0 | 0 | 0 | 15 | 0 |
| Kallakkurichchi | 0830 | 127 | 1010.6 | 996.2 | -2.2 | 25.3 | 23.3 | 22.3 | 26.9 | 84 | + 7 | 5.2 | +0.8 | 4.9 | 0 | 0 | 26 | 01 | 2 | 0 | 6 | 0 | 9 | 0 | 8 | 4 | 0 |
| | 1730 | 127 | 1008.6 | 992.7 | -2.2 | 27.7 | 23.8 | 21.7 | 25.9 | 71 | + 6 | 5.3 | +0.1 | 4.9 | 0 | 1 | 19 | 00 | 12 | 2 | 2 | 0 | 1 | 1 | 2 | 10 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| MADRAS STATE (INCLUDING PONDICHERRY) (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Salem | 0530 | 278 | 1008.5 | 977.0 | .. | 22.5 | 21.1 | 20.2 | 23.8 | 87 | .. | 3.3 | .. | 0.8 | 0 | 0 | 4 | 00 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 26 | 0 |
| | 0830 | 278 | 1010.7 | 979.4 | -1.6 | 25.7 | 21.9 | 20.5 | 24.1 | 79 | + 1 | 5.3 | +0.9 | 2.0 | 0 | 0 | 9 | 00 | 0 | 1 | 6 | 0 | 0 | 0 | 0 | 21 | 2 |
| | 1130 | 278 | 1009.5 | 978.5 | .. | 28.0 | 22.9 | 20.1 | 23.5 | 63 | .. | 5.2 | .. | 3.0 | 0 | 0 | 9 | 00 | 2 | 4 | 1 | 0 | 1 | 0 | 1 | 21 | 0 |
| | 1730 | 278 | 1007.4 | 976.1 | -1.3 | 27.4 | 22.6 | 20.0 | 23.4 | 66 | + 5 | 5.6 | +0.3 | 4.4 | 0 | 0 | 16 | 01 | 4 | 9 | 2 | 0 | 0 | 0 | 0 | 14 | 0 |
| | 2330 | 278 | 1009.7 | 978.3 | .. | 24.1 | 21.8 | 20.6 | 24.3 | 81 | .. | 3.6 | .. | 3.0 | 0 | 0 | 9 | 00 | 3 | 5 | 0 | 0 | 0 | 0 | 0 | 21 | 1 |
| Coimbatore (Pilamedu) | 0530 | 399 | 1009.0 | 964.1 | .. | 21.8 | 21.6 | 21.5 | 25.6 | 98 | .. | 5.1 | .. | 6.3 | 0 | 1 | 16 | 03 | 3 | 0 | 0 | 3 | 7 | 0 | 1 | 13 | 0 |
| | 0830 | 399 | 1011.0 | 966.2 | -1.8 | 23.5 | 22.7 | 22.3 | 26.9 | 93 | +14 | 5.5 | +0.5 | 8.1 | 0 | 0 | 21 | 05 | 6 | 3 | 1 | 2 | 2 | 1 | 1 | 9 | 0 |
| | 1130 | 399 | 1009.8 | 965.6 | .. | 27.2 | 24.3 | 22.9 | 27.9 | 78 | .. | 5.2 | .. | 9.9 | 0 | 1 | 22 | 04 | 9 | 2 | 0 | 4 | 3 | 0 | 1 | 7 | 0 |
| | 1430 | 399 | 1006.5 | 962.7 | .. | 28.8 | 25.1 | 23.4 | 28.8 | 74 | .. | 5.3 | .. | 14.3 | 0 | 7 | 22 | 02 | 9 | 3 | 1 | 8 | 6 | 0 | 0 | 1 | 0 |
| | 1730 | 399 | 1006.8 | 962.8 | -1.7 | 27.0 | 24.8 | 23.8 | 29.5 | 83 | +23 | 5.0 | -0.2 | 13.5 | 0 | 1 | 28 | 01 | 10 | 3 | 0 | 8 | 5 | 1 | 1 | 1 | 0 |
| | 2030 | 399 | 1009.6 | 965.0 | .. | 24.3 | 23.7 | 23.3 | 28.6 | 94 | .. | 4.0 | .. | 9.4 | 0 | 1 | 23 | 02 | 3 | 2 | 0 | 8 | 7 | 1 | 1 | 6 | 0 |
| | 2330 | 399 | 1010.2 | 965.4 | .. | 23.0 | 22.8 | 22.7 | 27.6 | 98 | .. | 4.3 | .. | 7.0 | 0 | 0 | 18 | 03 | 3 | 1 | 1 | 4 | 5 | 1 | 0 | 12 | 0 |
| Coimbatore | 0830 | 409 | 1010.4 | 964.7 | -1.8 | 24.3 | 22.0 | 20.8 | 24.6 | 81 | + 3 | 5.2 | -0.2 | 2.6 | 0 | 0 | 30 | 01 | 16 | 1 | 4 | 2 | 4 | 2 | 0 | 0 | 0 |
| Nagapattinam | 0830 | 9 | 1010.7 | 1009.6 | -1.5 | 27.3 | 24.6 | 23.4 | 28.8 | 80 | - 2 | 5.5 | -0.2 | 8.9 | 0 | 2 | 24 | 02 | 3 | 2 | 4 | 2 | 3 | 2 | 8 | 4 | 0 |
| | 1730 | 9 | 1007.3 | 1006.3 | -1.8 | 28.4 | 24.6 | 22.9 | 27.4 | 73 | - 4 | 5.2 | -0.3 | 13.3 | 0 | 6 | 24 | 02 | 10 | 5 | 10 | 1 | 1 | 0 | 1 | 0 | 0 |
| Tiruchchirappalli | 0230 | 88 | 1008.1 | 998.0 | .. | 24.4 | 23.3 | 22.7 | 27.6 | 90 | .. | 5.0 | .. | 5.5 | 0 | 1 | 20 | 01 | 5 | 3 | 3 | 1 | 2 | 2 | 4 | 9 | 0 |
| | 0530 | 88 | 1008.3 | 998.2 | .. | 23.7 | 22.8 | 22.3 | 26.9 | 92 | .. | 5.2 | .. | 5.9 | 0 | 1 | 21 | 05 | 1 | 2 | 1 | 1 | 1 | 7 | 4 | 8 | 0 |
| | 0830 | 88 | 1010.4 | 1000.5 | -1.8 | 25.9 | 23.7 | 22.7 | 27.6 | 83 | + 2 | 5.3 | +0.2 | 9.9 | 0 | 2 | 27 | 03 | 6 | 1 | 3 | 4 | 0 | 7 | 5 | 1 | 0 |
| | 1130 | 88 | 1009.6 | 999.7 | .. | 28.7 | 24.1 | 21.9 | 26.3 | 68 | .. | 5.3 | .. | 12.9 | 0 | 6 | 23 | 02 | 7 | 3 | 3 | 3 | 0 | 5 | 6 | 1 | 0 |
| | 1430 | 88 | 1006.6 | 996.7 | .. | 29.9 | 23.9 | 20.9 | 24.7 | 60 | .. | 5.5 | .. | 14.3 | 0 | 6 | 24 | 01 | 10 | 3 | 5 | 1 | 2 | 4 | 4 | 0 | 0 |
| | 1730 | 88 | 1006.7 | 996.8 | -2.0 | 28.6 | 23.8 | 21.4 | 25.5 | 65 | - 2 | 5.4 | -0.2 | 11.9 | 0 | 5 | 25 | 01 | 9 | 6 | 7 | 1 | 0 | 3 | 3 | 0 | 0 |
| | 2030 | 88 | 1009.2 | 999.3 | .. | 26.7 | 23.5 | 22.1 | 26.6 | 78 | .. | 4.9 | .. | 8.9 | 0 | 4 | 25 | 03 | 8 | 8 | 6 | 0 | 1 | 2 | 1 | 1 | 0 |
| | 2330 | 88 | 1009.6 | 999.6 | .. | 25.1 | 23.5 | 22.7 | 27.6 | 87 | .. | 4.9 | .. | 6.5 | 0 | 2 | 23 | 03 | 6 | 7 | 3 | 1 | 2 | 2 | 1 | 5 | 0 |
| Vedaranniyam | 0830 | 4 | 1010.4 | 1009.9 | .. | 27.6 | 25.1 | 24.0 | 29.8 | 81 | .. | 5.8 | .. | 3.2 | 0 | 0 | 30 | 03 | 6 | 1 | 4 | 5 | 3 | 1 | 7 | 0 | 0 |
| | 1730 | 4 | 1007.7 | 1007.2 | .. | 28.4 | 25.4 | 24.5 | 30.9 | 78 | .. | 5.9 | .. | 3.9 | 0 | 0 | 30 | 10 | 4 | 0 | 5 | 5 | 3 | 1 | 2 | 0 | 0 |
| Atirampattinam | 0830 | 6 | 1009.8 | 1009.1 | .. | 27.4 | 24.7 | 23.8 | 29.5 | 85 | .. | 4.1 | .. | 6.7 | 0 | 1 | 27 | 06 | 1 | 0 | 1 | 11 | 0 | 0 | 9 | 2 | 0 |
| | 1730 | 6 | 1007.0 | 1006.3 | .. | 29.1 | 24.9 | 22.8 | 27.7 | 71 | .. | 4.2 | .. | 7.1 | 0 | 2 | 27 | 02 | 7 | 0 | 2 | 16 | 0 | 1 | 1 | 1 | 0 |
| Madurai | 0830 | 133 | 1010.8 | 995.7 | -1.3 | 26.4 | 23.7 | 22.5 | 27.3 | 80 | + 4 | 6.9 | +1.5 | 5.4 | 0 | 0 | 30 | 06 | 5 | 1 | 4 | 1 | 0 | 2 | 11 | 0 | 0 |
| Madurai Aerodrome | 0530 | 131 | 1008.4 | 993.5 | .. | 23.8 | 23.0 | 22.6 | 27.4 | 93 | .. | 4.6 | .. | 5.7 | 0 | 1 | 18 | 03 | 4 | 0 | 2 | 2 | 0 | 5 | 3 | 11 | 0 |
| | 0830 | 131 | 1010.3 | 995.5 | -2.2 | 26.4 | 23.8 | 22.5 | 27.3 | 80 | + 1 | 5.1 | +0.0 | 7.5 | 0 | 0 | 26 | 09 | 5 | 0 | 4 | 2 | 1 | 2 | 3 | 4 | 0 |
| | 1130 | 131 | 1009.4 | 994.7 | .. | 29.0 | 24.2 | 21.8 | 24.6 | 66 | .. | 5.4 | .. | 9.0 | 0 | 3 | 24 | 06 | 6 | 3 | 2 | 2 | 1 | 1 | 6 | 3 | 0 |
| | 1730 | 131 | 1006.7 | 992.0 | -2.3 | 28.5 | 24.0 | 21.8 | 26.1 | 68 | - 3 | 5.6 | -0.4 | 10.9 | 0 | 3 | 21 | 01 | 8 | 8 | 4 | 1 | 1 | 0 | 1 | 6 | 0 |
| Tondi | 0830 | 5 | 1010.6 | 1010.0 | -2.1 | 27.0 | 24.4 | 23.3 | 28.6 | 80 | - 4 | 4.1 | -1.6 | 8.2 | 0 | 4 | 18 | 07 | 3 | 0 | 4 | 4 | 2 | 1 | 1 | 8 | 0 |
| | 1730 | 5 | 1007.2 | 1006.6 | -2.3 | 28.7 | 24.9 | 23.2 | 28.4 | 73 | - 2 | 4.8 | -1.2 | 12.1 | 0 | 5 | 22 | 02 | 3 | 5 | 9 | 6 | 1 | 0 | 1 | 3 | 0 |
| Pamban | 0830 | 11 | 1010.2 | 1008.9 | -1.7 | 28.4 | 25.7 | 24.5 | 30.7 | 79 | - 4 | 5.7 | +0.8 | 15.6 | 1 | 5 | 23 | 05 | 0 | 2 | 5 | 9 | 2 | 1 | 5 | 1 | 0 |
| | 1730 | 11 | 1007.3 | 1006.0 | -1.6 | 28.9 | 24.5 | 24.1 | 30.0 | 74 | - 8 | 5.5 | +0.6 | 10.6 | 0 | 2 | 27 | 04 | 4 | 1 | 5 | 9 | 4 | 1 | 1 | 0 | 0 |
| Tuticorin | 0830 | 4 | 1010.7 | 1010.3 | -1.8 | 27.6 | 24.5 | 23.0 | 28.1 | 77 | - 4 | 3.2 | -1.7 | 8.7 | 0 | 0 | 30 | 08 | 4 | 0 | 1 | 3 | 4 | 4 | 6 | 0 | 0 |
| | 1730 | 4 | 1007.3 | 1006.9 | -1.9 | 28.6 | 25.0 | 23.0 | 28.6 | 73 | - 3 | 4.3 | -0.1 | 16.1 | 0 | 6 | 24 | 01 | 5 | 4 | 6 | 8 | 2 | 3 | 1 | 0 | 0 |
| Palayankottai | 0830 | 51 | 1010.8 | 1005.1 | -1.6 | 27.4 | 24.2 | 22.7 | 27.6 | 76 | - 2 | 5.3 | -0.5 | 4.8 | 0 | 0 | 29 | 15 | 1 | 4 | 1 | 4 | 0 | 1 | 3 | 1 | 0 |
| | 1730 | 51 | 1007.1 | 1001.2 | -2.1 | 28.5 | 24.6 | 22.7 | 27.6 | 72 | + 2 | 6.0 | -0.4 | 8.8 | 0 | 1 | 29 | 03 | 2 | 8 | 2 | 12 | 0 | 3 | 0 | 0 | 0 |
| Kanniyakumari | 0830 | 37 | 1010.3 | 1006.2 | .. | 27.2 | 24.3 | 23.0 | 28.1 | 78 | .. | 4.6 | .. | 10.6 | 0 | 1 | 29 | 04 | 7 | 0 | 2 | 1 | 3 | 9 | 4 | 0 | 0 |
| | 1730 | 37 | 1007.7 | 1003.6 | .. | 28.1 | 24.9 | 23.3 | 28.6 | 75 | .. | 5.3 | .. | 12.0 | 0 | 2 | 28 | 01 | 7 | 1 | 2 | 2 | 7 | 7 | 3 | 0 | 0 |
| COASTAL MYSORE | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Karwar | 0830 | 4 | 1010.6 | 1010.1 | -2.0 | 25.3 | 23.0 | 21.8 | 26.1 | 81 | + 5 | 3.8 | +0.8 | 3.4 | 0 | 0 | 27 | 01 | 1 | 18 | 2 | 1 | 0 | 0 | 1 | 3 | 3 |
| | 1730 | 4 | 1007.5 | 1007.0 | -1.9 | 28.2 | 25.3 | 23.9 | 29.7 | 80 | +11 | 4.8 | +1.8 | 5.7 | 0 | 0 | 30 | 01 | 2 | 0 | 5 | 1 | 1 | 6 | 9 | 0 | 5 |
| Honavar | 0830 | 26 | 1010.5 | 1007.5 | -1.9 | 24.6 | 22.1 | 20.9 | 24.6 | 81 | +11 | 4.3 | +0.2 | 4.7 | 0 | 1 | 24 | 05 | 3 | 16 | 0 | 1 | 0 | 0 | 0 | 5 | 0 |
| | 1730 | 26 | 1007.7 | 1004.8 | -1.4 | 28.2 | 24.3 | 22.3 | 27.3 | 71 | + 5 | 4.8 | +0.5 | 5.1 | 0 | 1 | 29 | 05 | 0 | 7 | 1 | 9 | 1 | 7 | 0 | 0 | 0 |
| Mangalore (Bajpe) | 0230 | 102 | 1008.4 | 996.8 | .. | 23.7 | 23.1 | 22.8 | 27.7 | 94 | .. | 4.1 | .. | 6.0 | 0 | 4 | 10 | 02 | 1 | 5 | 3 | 2 | 0 | 1 | 0 | 16 | 0 |
| | 0530 | 102 | 1008.3 | 996.7 | .. | 23.0 | 22.5 | 22.3 | 26.9 | 96 | .. | 3.9 | .. | 5.7 | 0 | 3 | 11 | 02 | 0 | 8 | 4 | 0 | 0 | 0 | 0 | 16 | 0 |
| | 0830 | 102 | 1010.4 | 998.8 | -1.9 | 25.3 | 23.8 | 23.1 | 28.3 | 88 | + 9 | 4.4 | +0.1 | 7.5 | 0 | 3 | 21 | 01 | 0 | 16 | 5 | 2 | 0 | 0 | 0 | 6 | 0 |
| | 1130 | 102 | 1010.0 | 998.6 | .. | 28.7 | 24.7 | 22.9 | 27.9 | 72 | .. | 5.0 | .. | 10.1 | 0 | 3 | 25 | 03 | 2 | 1 | 10 | 2 | 0 | 1 | 6 | 2 | 3 |
| | 1430 | 102 | 1007.1 | 995.7 | .. | 29.5 | 25.3 | 23.4 | 28.8 | 71 | .. | 5.1 | .. | 15.7 | 0 | 8 | 22 | 01 | 0 | 0 | 4 | 4 | 2 | 13 | 6 | 0 | 0 |
| | 1730 | 102 | 1007.2 | 995.7 | -1.9 | 27.2 | 25.1 | 23.9 | 30.0 | 81 | +11 | 5.6 | +0.7 | 13.4 | 0 | 2 | 28 | 01 | 0 | 1 | 2 | 3 | 2 | 12 | 9 | 0 | 0 |
| | 2030 | 102 | 1009.4 | 997.9 | .. | 25.4 | 24.3 | 23.9 | 29.7 | 88 | .. | 4.6 | .. | 5.8 | 0 | 0 | 21 | 02 | 0 | 1 | 3 | 2 | 0 | 5 | 8 | 9 | 0 |
| | 2330 | 102 | 1009.7 | 998.1 | .. | 24.6 | 23.7 | 23.2 | 28.6 | 92 | .. | 4.5 | .. | 5.1 | 0 | 2 | 12 | 07 | 0 | 3 | 3 | 0 | 0 | 0 | 1 | 16 | 0 |
| Mangalore | 0830 | 22 | 1010.4 | 1007.9 | -1.5 | 25.5 | 23.2 | 22.0 | 26.4 | 81 | + 4 | 4.8 | +0.8 | 7.7 | 0 | 0 | 30 | 02 | 2 | 16 | 7 | 2 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | 22 | 1007.2 | 1004.7 | -1.6 | 28.1 | 24.9 | 23.5 | 28.9 | 76 | + 7 | 5.3 | +0.7 | 8.7 | 0 | 0 | 30 | 03 | 0 | 0 | 5 | 1 | 2 | 5 | 10 | 0 | 4 |
| INTERIOR MYSORE, NORTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bidar | 0830 | 664 | 1012.6 | 938.6 | -1.6 | 22.3 | 18.4 | 15.9 | 18.1 | 69 | + 8 | 5.0 | +1.8 | 8.0 | 0 | 1 | 25 | 02 | 6 | 9 | 6 | 1 | 1 | 0 | 1 | 4 | 0 |
| | 1730 | 664 | 1008.4 | 935.6 | -1.5 | 24.9 | 19.3 | 15.1 | 17.1 | 54 | +11 | 6.9 | +3.2 | 7.5 | 0 | 2 | 23 | 01 | 11 | 10 | 1 | 0 | 2 | 0 | 0 | 5 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | 20 to 61 | 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| INTERIOR MYSORE, NORTH (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gulbarga | 0830 | 458 | 1012.0 | 960.7 | -1.9 | 23.5 | 19.6 | 17.2 | 20.0 | 69 | +12 | 5.9 | +3.3 | 10.5 | 0 | 3 | 23 | 03 | 8 | 12 | 2 | 1 | 0 | 0 | 0 | 4 | 0 |
| | 1730 | 458 | 1007.7 | 957.3 | -1.3 | 28.7 | 20.5 | 15.7 | 18.1 | 51 | +16 | 5.5 | +2.1 | 10.1 | 0 | 1 | 29 | 01 | 5 | 22 | 1 | 0 | 0 | 1 | 0 | 0 | 0 |
| Bijapur | 0830 | 594 | 1012.2 | 945.8 | -1.5 | 21.7 | 18.5 | 16.2 | 19.0 | 73 | +13 | 5.9 | +2.7 | 4.9 | 0 | 0 | 25 | 05 | 8 | 2 | 5 | 1 | 1 | 0 | 3 | 5 | 0 |
| | 1730 | 594 | 1007.1 | 942.4 | -1.4 | 27.9 | 20.1 | 15.4 | 17.8 | 51 | +11 | 5.9 | +2.2 | 2.3 | 0 | 0 | 28 | 01 | 5 | 2 | 9 | 2 | 1 | 3 | 5 | 2 | 0 |
| Raichur | 0830 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 400 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Belgaum | 0830 | 753 | 1012.9 | 929.5 | -0.3 | 21.0 | 18.9 | 17.7 | 20.2 | 82 | +12 | 3.7 | +1.3 | 2.8 | 0 | 0 | 16 | 00 | 1 | 13 | 0 | 0 | 1 | 1 | 0 | 14 | 0 |
| | 1730 | 753 | 1007.2 | 925.4 | -1.4 | 25.3 | 20.4 | 17.7 | 20.4 | 65 | +18 | 4.3 | +0.9 | 4.9 | 0 | 0 | 25 | 00 | 2 | 12 | 3 | 4 | 0 | 3 | 1 | 5 | 0 |
| Belgaum (Samra) | 0530 | 747 | 1010.1 | 926.9 | .. | 18.7 | 17.3 | 16.5 | 18.8 | 87 | .. | 4.1 | .. | 5.0 | 0 | 1 | 16 | 01 | 7 | 6 | 1 | 0 | 2 | 0 | 0 | 13 | 0 |
| | 0830 | 747 | 1011.3 | 928.7 | -2.2 | 21.2 | 18.5 | 16.9 | 19.3 | 78 | +10 | 5.1 | +1.9 | 8.8 | 0 | 4 | 21 | 01 | 11 | 6 | 6 | 0 | 1 | 0 | 0 | 5 | 0 |
| | 1130 | 747 | 1010.2 | 928.7 | .. | 24.9 | 19.6 | 16.4 | 19.0 | 62 | .. | 5.4 | .. | 13.8 | 0 | 7 | 23 | 00 | 13 | 7 | 6 | 1 | 2 | 0 | 1 | 0 | 0 |
| | 1430 | 747 | 1006.8 | 925.9 | .. | 26.3 | 19.9 | 15.8 | 18.5 | 55 | .. | 6.0 | .. | 12.9 | 0 | 5 | 25 | 03 | 10 | 10 | 3 | 1 | 2 | 1 | 0 | 0 | 0 |
| | 1730 | 747 | 1007.0 | 925.9 | -2.1 | 25.4 | 19.9 | 16.6 | 19.3 | 62 | +15 | 5.8 | +2.2 | 8.4 | 0 | 1 | 28 | 01 | 10 | 5 | 6 | 1 | 4 | 2 | 0 | 1 | 0 |
| | 2030 | 747 | 1010.3 | 927.9 | .. | 21.7 | 19.2 | 17.7 | 20.5 | 80 | .. | 4.7 | .. | 4.9 | 0 | 1 | 20 | 00 | 4 | 7 | 2 | 1 | 2 | 4 | 1 | 9 | 0 |
| Gadag | 0530 | 650 | 1010.0 | 937.4 | .. | 19.8 | 18.8 | 17.2 | 19.7 | 85 | .. | 4.2 | .. | 5.1 | 0 | 0 | 20 | 00 | 3 | 9 | 2 | 2 | 2 | 2 | 0 | 10 | 0 |
| | 0830 | 650 | 1011.6 | 939.3 | -1.7 | 21.3 | 19.0 | 17.6 | 20.2 | 80 | +16 | 4.5 | +0.8 | 5.2 | 0 | 0 | 28 | 01 | 8 | 9 | 3 | 1 | 3 | 1 | 2 | 2 | 0 |
| | 1130 | 650 | 1010.2 | 939.1 | .. | 26.4 | 20.5 | 17.2 | 19.7 | 59 | .. | 4.6 | .. | 10.4 | 0 | 2 | 27 | 02 | 6 | 10 | 3 | 1 | 0 | 1 | 1 | 1 | 5 |
| | 1430 | 650 | 1006.7 | 936.3 | .. | 28.0 | 20.8 | 16.6 | 19.3 | 53 | .. | 5.1 | .. | 10.0 | 0 | 1 | 29 | 01 | 8 | 10 | 1 | 1 | 0 | 3 | 2 | 0 | 4 |
| | 1730 | 650 | 1006.9 | 936.2 | -1.4 | 26.7 | 20.4 | 16.7 | 19.3 | 58 | +12 | 5.2 | +0.9 | 6.0 | 0 | 0 | 29 | 01 | 17 | 3 | 1 | 1 | 3 | 0 | 3 | 1 | 0 |
| | 2030 | 650 | 1010.0 | 938.2 | .. | 23.2 | 19.5 | 17.2 | 20.0 | 71 | .. | 3.7 | .. | 6.3 | 0 | 1 | 23 | 00 | 7 | 9 | 0 | 0 | 2 | 3 | 1 | 6 | 2 |
| | 2330 | 650 | 1010.6 | 938.5 | .. | 21.7 | 19.1 | 17.5 | 20.2 | 78 | .. | 4.4 | .. | 7.9 | 0 | 2 | 25 | 01 | 6 | 11 | 3 | 0 | 2 | 4 | 0 | 3 | 0 |
| INTERIOR MYSORE, SOUTH | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bellary | 0830 | 449 | 1011.7 | 961.3 | -1.6 | 23.5 | 20.8 | 19.1 | 22.4 | 79 | +10 | 4.0 | -0.5 | 4.8 | 0 | 0 | 18 | 00 | 0 | 5 | 8 | 1 | 0 | 4 | 0 | 12 | 0 |
| | 1730 | 449 | 1006.8 | 957.3 | -1.9 | 27.6 | 22.6 | 18.7 | 21.6 | 60 | +15 | 4.6 | +0.4 | 6.7 | 0 | 0 | 22 | 00 | 0 | 7 | 10 | 1 | 0 | 4 | 0 | 8 | 0 |
| Chitradurga | 0830 | 733 | 1010.9 | 929.9 | -1.7 | 21.2 | 19.0 | 17.6 | 20.4 | 82 | + 9 | 4.9 | +0.5 | 5.9 | 0 | 1 | 26 | 00 | 1 | 13 | 4 | 1 | 3 | 4 | 1 | 3 | 0 |
| | 1730 | 733 | 1006.7 | 927.0 | -1.3 | 25.3 | 19.8 | 16.1 | 19.0 | 61 | +11 | 4.8 | +0.5 | 6.5 | 0 | 0 | 29 | 03 | 5 | 14 | 3 | 0 | 2 | 0 | 2 | 1 | 0 |
| Shimoga | 0830 | 571 | 1010.7 | 947.0 | -2.3 | 21.6 | 19.4 | 18.1 | 20.9 | 81 | - 1 | 6.3 | +2.3 | 2.4 | 0 | 0 | 22 | 00 | 0 | 13 | 3 | 0 | 4 | 0 | 2 | 8 | 0 |
| | 1730 | 571 | 1006.2 | 943.9 | -1.8 | 26.5 | 20.9 | 17.7 | 20.6 | 55 | - 2 | 5.7 | +1.5 | 3.5 | 0 | 0 | 27 | 00 | 3 | 14 | 1 | 1 | 1 | 3 | 4 | 3 | 0 |
| Agumbe | 0830 | | .. | .. | .. | 20.6 | 19.4 | 18.7 | 21.7 | 89 | .. | . | .. | 4.5 | 0 | 0 | 30 | 00 | 22 | 3 | 1 | 2 | 2 | 0 | 0 | 0 | 0 |
| Balehonnur | 0830 | | .. | .. | .. | 20.6 | 19.0 | 18.0 | 20.8 | 85 | + 0 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hassan | 0830 | 960 | 1505.0 | 905.9 | -1.6 | 19.4 | 18.1 | 17.3 | 19.7 | 88 | +10 | 5.9 | +1.7 | 4.6 | 0 | 0 | 19 | 03 | 1 | 8 | 4 | 2 | 1 | 0 | 0 | 11 | 0 |
| | 1730 | 960 | 1487.0 | 903.1 | -1.7 | 24.0 | 19.1 | 16.8 | 19.4 | 66 | + 8 | 5.6 | +0.9 | 2.3 | 0 | 0 | 24 | 02 | 4 | 5 | 4 | 3 | 2 | 1 | 3 | 6 | 0 |
| Bangalore | 0230 | 921 | 1495.1 | 909.1 | .. | 19.1 | 18.1 | 17.5 | 20.2 | 91 | .. | 4.6 | .. | 5.6 | 0 | 1 | 16 | 03 | 1 | 7 | 4 | 0 | 1 | 0 | 0 | 13 | 1 |
| | 0830 | 921 | 1511.6 | 910.6 | -1.0 | 20.4 | 18.7 | 17.7 | 20.2 | 85 | + 7 | 6.2 | +1.3 | 5.2 | 0 | 0 | 18 | 01 | 4 | 6 | 5 | 1 | 0 | 0 | 1 | 12 | 0 |
| | 1130 | 921 | 1515.3 | 910.3 | .. | 23.5 | 19.6 | 17.4 | 20.0 | 70 | .. | 6.1 | .. | 8.2 | 0 | 2 | 23 | 03 | 7 | 7 | 2 | 1 | 0 | 2 | 3 | 5 | 0 |
| | 1430 | 921 | 1498.5 | 908.3 | .. | 24.7 | 20.0 | 17.4 | 20.0 | 66 | .. | 6.3 | .. | 8.9 | 0 | 1 | 24 | 02 | 6 | 5 | 5 | 2 | 0 | 0 | 3 | 5 | 2 |
| | 1730 | 921 | 1494.8 | 908.2 | -0.5 | 23.2 | 19.4 | 17.2 | 19.7 | 71 | +12 | 6.2 | +1.0 | 7.1 | 0 | 1 | 22 | 04 | 6 | 3 | 6 | 1 | 0 | 1 | 2 | 7 | 0 |
| | 2030 | 921 | 1505.0 | 909.8 | .. | 20.7 | 18.8 | 17.8 | 20.2 | 84 | .. | 3.7 | .. | 5.7 | 0 | 1 | 15 | 03 | 4 | 6 | 2 | 1 | 0 | 0 | 0 | 14 | 0 |
| Bangalore Aerodrome | 0530 | 897 | 1485.2 | 910.7 | .. | 19.0 | 18.0 | 17.4 | 19.7 | 91 | .. | 6.0 | .. | 4.7 | 0 | 1 | 12 | 01 | 2 | 5 | 3 | 1 | 0 | 1 | 0 | 17 | 0 |
| | 0830 | 897 | 1507.7 | 912.7 | -1.9 | 20.5 | 18.7 | 17.7 | 20.2 | 85 | + 8 | 6.2 | +1.4 | 9.2 | 0 | 2 | 24 | 01 | 6 | 8 | 5 | 2 | 1 | 1 | 2 | 4 | 0 |
| | 1130 | 897 | 1508.8 | 912.2 | .. | 23.6 | 19.3 | 16.9 | 19.3 | 68 | .. | 5.9 | .. | 11.8 | 0 | 4 | 23 | 02 | 5 | 7 | 5 | 3 | 1 | 1 | 3 | 3 | 0 |
| | 1730 | 897 | 1485.9 | 909.8 | -2.0 | 23.2 | 19.6 | 17.4 | 19.9 | 72 | +12 | 6.0 | +0.9 | 9.4 | 0 | 3 | 20 | 00 | 4 | 8 | 5 | 1 | 2 | 1 | 2 | 7 | 0 |
| | 2330 | 897 | 1499.5 | 912.0 | .. | 19.9 | 18.6 | 17.8 | 20.4 | 88 | .. | 5.2 | .. | 7.3 | 0 | 3 | 14 | 01 | 2 | 8 | 4 | 1 | 0 | 0 | 1 | 13 | 0 |
| Mysore | 0830 | 767 | 1011.2 | 926.3 | -1.5 | 20.9 | 19.1 | 18.1 | 20.8 | 85 | + 5 | 3.7 | -1.0 | 9.0 | 0 | 2 | 28 | 05 | 2 | 4 | 2 | 8 | 2 | 4 | 3 | 0 | 0 |
| | 1730 | 767 | 1006.4 | 923.2 | -1.7 | 25.1 | 19.8 | 16.5 | 19.3 | 61 | + 7 | 4.7 | -0.2 | 10.6 | 0 | 4 | 26 | 06 | 2 | 9 | 1 | 7 | 2 | 3 | 0 | 0 | 0 |
| KERALA | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Calicut | 0530 | 5 | 1009.3 | 1008.7 | .. | 24.4 | 23.8 | 23.5 | 28.9 | 95 | .. | 3.4 | .. | 4.2 | 0 | 2 | 20 | 02 | 1 | 18 | 0 | 0 | 1 | 0 | 0 | 8 | 0 |
| | 0830 | 5 | 1010.7 | 1010.1 | -1.1 | 26.1 | 24.1 | 23.2 | 28.3 | 85 | + 5 | 3.9 | -0.5 | 2.3 | 0 | 0 | 10 | 01 | 1 | 5 | 0 | 1 | 0 | 0 | 2 | 20 | 0 |
| | 1130 | 5 | 1010.4 | 1009.8 | .. | 28.7 | 25.3 | 23.7 | 29.5 | 76 | .. | 4.6 | .. | 4.2 | 0 | 1 | 22 | 00 | 1 | 2 | 1 | 1 | 5 | 10 | 3 | 7 | 0 |
| | 1430 | 5 | 1007.9 | 1007.3 | .. | 29.5 | 25.9 | 24.2 | 30.4 | 75 | .. | 4.6 | .. | 3.9 | 0 | 0 | 24 | 00 | 1 | 1 | 0 | 0 | 7 | 13 | 2 | 6 | 0 |
| | 1730 | 5 | 1007.9 | 1007.3 | -0.9 | 28.1 | 25.1 | 23.7 | 29.5 | 77 | + 5 | 4.9 | -0.2 | 3.3 | 0 | 0 | 20 | 00 | 1 | 0 | 1 | 0 | 4 | 6 | 8 | 10 | 0 |
| | 2330 | 5 | 1010.3 | 1009.7 | .. | 26.0 | 24.8 | 24.3 | 30.4 | 90 | .. | 3.3 | .. | 2.8 | 0 | 0 | 12 | 01 | 1 | 6 | 0 | 0 | 1 | 2 | 1 | 18 | 0 |
| Palghat | 0830 | 97 | 1010.3 | 999.6 | -1.8 | 26.4 | 24.2 | 23.3 | 28.4 | 83 | + 6 | 5.6 | +1.4 | 4.9 | 0 | 0 | 26 | 01 | 0 | 13 | 0 | 0 | 2 | 10 | 0 | 4 | 0 |
| | 1730 | 97 | 1006.8 | 995.9 | -1.9 | 28.9 | 24.4 | 22.3 | 26.9 | 69 | + 1 | 5.7 | +0.4 | 4.5 | 0 | 0 | 26 | 00 | 0 | 7 | 0 | 0 | 1 | 8 | 0 | 4 | 0 |
| Fort Cochin | 0830 | 3 | 1010.3 | 1010.0 | -1.6 | 26.9 | 24.8 | 23.9 | 29.7 | 84 | + 6 | 6.5 | +1.3 | 4.7 | 0 | 0 | 26 | 02 | 10 | 9 | 1 | 0 | 2 | 2 | 0 | 4 | 0 |
| | 1730 | 3 | 1007.6 | 1007.3 | -1.1 | 27.8 | 25.3 | 24.2 | 30.0 | 81 | + 7 | 6.2 | +0.5 | 9.5 | 0 | 0 | 30 | 01 | 0 | 0 | 2 | 0 | 4 | 8 | 15 | 0 | 0 |
| Cochin (Naval Air Station) | 0230 | 3 | 1008.8 | 1008.5 | .. | 24.7 | 23.8 | 23.4 | 28.6 | 93 | .. | 5.2 | .. | 2.8 | 0 | 0 | 6 | 00 | 0 | 1 | 3 | 0 | 0 | 1 | 1 | 24 | 0 |
| | 0530 | 3 | 1008.7 | 1008.4 | .. | 24.3 | 23.6 | 23.3 | 28.6 | 94 | .. | 4.7 | .. | 3.3 | 0 | 1 | 9 | 01 | 1 | 4 | 2 | 0 | 0 | 2 | 0 | 20 | 0 |
| | 0830 | 3 | 1010.6 | 1010.3 | .. | 26.7 | 24.6 | 23.6 | 29.3 | 83 | .. | 5.1 | .. | 5.6 | 0 | 2 | 17 | 01 | 6 | 4 | 5 | 0 | 1 | 1 | 1 | 11 | 0 |
| | 1130 | 3 | 1010.5 | 1010.1 | .. | 29.1 | 25.5 | 23.8 | 29.7 | 74 | .. | 5.4 | .. | 11.1 | 0 | 1 | 28 | 01 | 0 | 0 | 3 | 5 | 1 | 10 | 9 | 1 | 0 |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| KERALA (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cochin (Naval Air Station)(Contd.) | 1730 | 3 | 1007.6 | 1007.3 | .. | 28.1 | 25.1 | 23.8 | 29.5 | 78 | .. | 5.4 | .. | 10.2 | 0 | 0 | 27 | 00 | 0 | 1 | 0 | 3 | 3 | 13 | 7 | 3 | 0 |
| | 2330 | 3 | 1010.3 | 1010.0 | .. | 25.4 | 24.3 | 23.8 | 29.5 | 91 | .. | 5.9 | .. | 3.2 | 0 | 0 | 10 | 00 | 2 | 1 | 5 | 0 | 0 | 1 | 1 | 20 | 0 |
| Alleppey | 0830 | 4 | 1010.5 | 1010.1 | -1.4 | 26.8 | 25.1 | 24.4 | 30.4 | 87 | + 6 | 4.8 | -0.5 | 8.7 | 1 | 1 | 28 | 00 | 10 | 6 | 11 | 0 | 1 | 1 | 1 | 0 | 0 |
| | 1730 | 4 | 1007.5 | 1007.1 | -1.3 | 28.3 | 25.2 | 23.9 | 29.7 | 77 | + 1 | 5.0 | -0.8 | 18.3 | 0 | 16 | 14 | 01 | 2 | 1 | 0 | 0 | 3 | 7 | 16 | 0 | 0 |
| Punalur | 0830 | 34 | 1010.7 | 1006.9 | -1.1 | 24.3 | 23.6 | 23.1 | 28.6 | 93 | + 6 | 5.4 | +0.6 | 0.6 | 0 | 0 | 3 | 00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| | 1730 | 34 | 1007.3 | 1003.5 | -1.5 | 28.4 | 25.0 | 23.5 | 28.9 | 76 | + 3 | 6.8 | +0.8 | 3.6 | 0 | 0 | 18 | 00 | 2 | 5 | 2 | 1 | 3 | 4 | 1 | 12 | 0 |
| Trivandrum | 0230 | 64 | 1008.5 | 1001.2 | .. | 24.2 | 23.4 | 23.1 | 28.1 | 94 | .. | 4.0 | .. | 1.3 | 0 | 0 | 9 | 01 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 21 | 0 |
| | 0530 | 64 | 1008.7 | 1001.3 | .. | 23.7 | 23.1 | 22.9 | 27.7 | 95 | .. | 4.3 | .. | 2.7 | 0 | 0 | 13 | 00 | 9 | 1 | 1 | 0 | 0 | 0 | 2 | 17 | 0 |
| | 0830 | 64 | 1010.7 | 1003.4 | -1.1 | 26.0 | 24.3 | 23.5 | 28.9 | 86 | - 1 | 4.3 | -0.4 | 3.7 | 0 | 0 | 19 | 05 | 7 | 3 | 0 | 1 | 0 | 0 | 3 | 11 | 0 |
| | 1130 | 64 | 1010.0 | 1002.7 | .. | 29.1 | 24.8 | 22.8 | 27.9 | 69 | .. | 5.5 | .. | 7.1 | 0 | 0 | 27 | 04 | 0 | 0 | 0 | 1 | 5 | 8 | 9 | 3 | 0 |
| | 1430 | 64 | 1007.3 | 1000.1 | .. | 29.3 | 25.0 | 23.3 | 28.3 | 69 | .. | 5.3 | .. | 11.0 | 0 | 3 | 25 | 00 | 1 | 0 | 1 | 0 | 8 | 10 | 8 | 2 | 0 |
| | 1730 | 64 | 1007.8 | 1000.5 | -1.1 | 27.3 | 24.5 | 23.2 | 28.4 | 79 | + 1 | 5.6 | -0.3 | 8.2 | 0 | 1 | 25 | 01 | 2 | 0 | 0 | 0 | 4 | 8 | 11 | 4 | 0 |
| | 2030 | 64 | 1010.1 | 1002.8 | .. | 25.7 | 24.3 | 23.6 | 29.3 | 88 | .. | 4.7 | .. | 4.1 | 0 | 0 | 20 | 01 | 2 | 0 | 2 | 0 | 3 | 2 | 10 | 10 | 0 |
| | 2330 | 64 | 1010.2 | 1002.9 | .. | 25.0 | 24.0 | 23.6 | 28.9 | 92 | .. | 4.7 | .. | 5.1 | 0 | 0 | 26 | 01 | 10 | 3 | 2 | 2 | 1 | 1 | 6 | 4 | 0 |
| Trivandrum Aerodrome | 0830 | 8 | 1010.9 | 1001.0 | -9.9 | 27.3 | 24.4 | 23.0 | 28.3 | 78 | - 2 | 5.3 | +0.1 | 8.0 | 0 | 4 | 18 | 08 | 3 | 4 | 1 | 0 | 1 | 1 | 4 | 8 | 0 |
| ARABIAN SEA ISLANDS | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Amini | 0530 | 4 | 1007.7 | 1007.3 | .. | 26.0 | 23.9 | 22.8 | 27.9 | 83 | .. | 4.0 | .. | 16.0 | 0 | 9 | 17 | 07 | 1 | 1 | 2 | 2 | 1 | 4 | 8 | 4 | 0 |
| | 0830 | 4 | 1009.8 | 1009.3 | -1.8 | 27.3 | 24.5 | 23.3 | 28.4 | 79 | + 1 | 5.0 | +0.7 | 16.1 | 0 | 11 | 15 | 06 | 5 | 0 | 3 | 1 | 1 | 3 | 7 | 4 | 0 |
| | 1130 | 4 | 1009.9 | 1009.4 | .. | 29.0 | 25.0 | 23.1 | 28.4 | 71 | .. | 5.1 | .. | 16.3 | 0 | 9 | 20 | 12 | 2 | 1 | 4 | 1 | 2 | 1 | 6 | 1 | 0 |
| | 1730 | 4 | 1007.0 | 1006.6 | .. | 28.3 | 24.7 | 23.1 | 28.1 | 74 | .. | 5.5 | .. | 17.6 | 0 | 8 | 20 | 11 | 3 | 0 | 2 | 0 | 2 | 4 | 6 | 2 | 0 |
| | 2330 | 4 | 1009.2 | 1008.7 | .. | 26.7 | 24.1 | 22.9 | 27.9 | 80 | .. | 4.2 | .. | 16.2 | 0 | 13 | 14 | 09 | 4 | 0 | 2 | 2 | 0 | 4 | 6 | 3 | 0 |
| Agatti | 0830 | 4 | 1009.9 | 1009.4 | .. | 27.4 | 24.5 | 23.5 | 28.3 | 78 | .. | 5.3 | .. | 10.1 | 0 | 4 | 25 | 06 | 2 | 0 | 4 | 0 | 2 | 2 | 13 | 1 | 0 |
| | 1730 | 4 | 1007.5 | 1007.0 | .. | 28.1 | 24.9 | 23.4 | 28.9 | 76 | .. | 5.8 | .. | 11.2 | 0 | 7 | 23 | 10 | 2 | 2 | 4 | 0 | 0 | 2 | 10 | 0 | 0 |
| Androth | 0830 | 5 | 1010.2 | 1009.7 | .. | 27.3 | 25.5 | 24.6 | 30.9 | 86 | .. | 5.4 | .. | 3.6 | 0 | 0 | 21 | 04 | 3 | 0 | 1 | 0 | 0 | 1 | 8 | 9 | 4 |
| | 1730 | 5 | 1007.7 | 1007.2 | .. | 27.8 | 25.6 | 24.6 | 30.9 | 83 | .. | 5.5 | .. | 4.7 | 0 | 1 | 18 | 04 | 2 | 0 | 0 | 1 | 1 | 2 | 8 | 11 | 1 |
| Minicoy | 0530 | 2 | 1008.9 | 1008.7 | .. | 25.1 | 23.2 | 22.2 | 26.9 | 84 | .. | 4.3 | .. | 4.8 | 0 | 3 | 12 | 04 | 0 | 1 | 0 | 0 | 1 | 3 | 6 | 15 | 0 |
| | 0830 | 2 | 1010.9 | 1010.7 | -0.7 | 27.5 | 24.5 | 23.1 | 28.3 | 77 | - 2 | 4.9 | +0.4 | 5.7 | 0 | 1 | 18 | 03 | 2 | 0 | 1 | 3 | 1 | 3 | 6 | 11 | 0 |
| | 1130 | 2 | 1010.7 | 1010.5 | .. | 29.6 | 25.1 | 23.1 | 28.3 | 68 | .. | 4.7 | .. | 8.5 | 0 | 2 | 26 | 07 | 0 | 1 | 2 | 2 | 3 | 6 | 7 | 2 | 0 |
| | 1430 | 2 | 1008.3 | 1008.1 | .. | 29.3 | 24.9 | 22.8 | 27.9 | 68 | .. | 4.5 | .. | 8.5 | 0 | 1 | 25 | 05 | 0 | 1 | 0 | 3 | 2 | 6 | 9 | 4 | 0 |
| | 1730 | 2 | 1008.1 | 1007.9 | -1.0 | 28.4 | 24.5 | 22.7 | 27.7 | 71 | - 6 | 5.0 | -0.3 | 6.2 | 0 | 0 | 20 | 02 | 0 | 1 | 0 | 2 | 1 | 6 | 8 | 10 | 0 |
| | 2030 | 2 | 1010.1 | 1009.9 | .. | 26.5 | 23.8 | 22.7 | 27.3 | 79 | .. | 3.5 | .. | 6.4 | 0 | 1 | 20 | 05 | 0 | 0 | 0 | 1 | 2 | 2 | 5 | 6 | 9 | 0 |
| | 2330 | 2 | 1010.5 | 1010.3 | .. | 25.8 | 23.4 | 22.2 | 26.7 | 81 | .. | 4.0 | .. | 5.8 | 0 | 1 | 16 | 05 | 0 | 0 | 0 | 2 | 1 | 3 | 6 | 13 | 0 |
| HILL STATIONS (EXCLUDING KASHMIR) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dalhousie | 0830 | 1959 | 1470.7 | 802.2 | +0.3 | 11.7 | 6.3 | - 0.2 | 6.0 | 46 | - 7 | 0.2 | -0.6 | 0.9 | 0 | 0 | 13 | 00 | 8 | 0 | 5 | 0 | 0 | 0 | 0 | 17 | 0 |
| | 1730 | 1959 | 1454.0 | 800.9 | -0.2 | 12.7 | 8.3 | 4.3 | 8.3 | 60 | + 1 | 0.0 | -1.1 | 1.0 | 0 | 0 | 12 | 00 | 2 | 0 | 4 | 0 | 4 | 0 | 2 | 18 | 0 |
| Dharmsala | 0830 | 1211 | 1560.3 | 885.9 | -0.8 | 15.9 | 10.2 | 4.2 | 8.2 | 47 | - 3 | 1.3 | -0.1 | 0.9 | 0 | 0 | 12 | 09 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 18 | 0 |
| | 1730 | 1211 | 1547.1 | 884.5 | -1.0 | 17.8 | 11.3 | 4.7 | 8.5 | 42 | -10 | 1.5 | -0.4 | 1.0 | 0 | 0 | 27 | 00 | 0 | 0 | 0 | 0 | 20 | 6 | 1 | 3 | 0 |
| Bhuntar | 0830 | 1096 | 1527.8 | 896.1 | .. | 6.5 | 5.3 | 3.9 | 8.1 | 84 | .. | 1.1 | .. | 2.0 | 0 | 0 | 21 | 12 | 1 | 0 | 1 | 1 | 0 | 0 | 6 | 9 | 0 |
| | 1130 | 1096 | 1528.1 | 894.7 | .. | 14.7 | 9.3 | 3.4 | 7.8 | 47 | .. | 1.1 | .. | 3.1 | 0 | 0 | 23 | 01 | 6 | 7 | 6 | 3 | 0 | 0 | 0 | 7 | 0 |
| | 1730 | 1096 | 1497.8 | 891.3 | .. | 16.3 | 10.3 | 4.2 | 8.2 | 45 | .. | 1.7 | .. | 11.1 | 0 | 5 | 24 | 04 | 1 | 3 | 10 | 7 | 1 | 1 | 2 | 1 | 0 |
| Simla | 0830 | 2202 | 1518.3 | 783.9 | +0.0 | 10.1 | 4.0 | - 6.1 | 3.7 | 34 | + 3 | 0.9 | -0.2 | 1.1 | 0 | 0 | 17 | 00 | 0 | 0 | 9 | 2 | 6 | 0 | 0 | 13 | 0 |
| | 1730 | 2202 | 1502.2 | 782.0 | -0.9 | 9.6 | 5.6 | 1.3 | 6.7 | 57 | + 9 | 1.4 | -0.3 | 1.0 | 0 | 0 | 15 | 00 | 1 | 0 | 9 | 1 | 4 | 0 | 0 | 15 | 0 |
| Ghangaria (Kanjalia Tok) | 0830 | | .. | .. | .. | 2.5 | 0.2 | - 2.9 | 4.8 | 68 | .. | 0.0 | .. | 0.0 | 0 | 0 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Badrinath | 0830 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | Functioning only from May to October | | | | | | | | | | | | | | | | | | | | | | | | |
| Joshimath | 0830 | | .. | .. | .. | 9.3 | 4.3 | - 2.8 | 4.8 | 44 | - 2 | 1.5 | -0.3 | 8.0 | 0 | 0 | 30 | 00 | 1 | 22 | 4 | 2 | 1 | 0 | 0 | 0 | 0 |
| | 1730 | | .. | .. | .. | 13.5 | 7.0 | 0.2 | 6.2 | 41 | - 9 | 1.3 | -0.9 | 6.1 | 0 | 0 | 30 | 01 | 1 | 2 | 2 | 15 | 4 | 3 | 1 | 0 | 1 |
| Mussoorie | 0830 | 2042 | 1512.3 | 798.4 | -1.9 | 11.4 | 5.9 | - 1.4 | 5.4 | 45 | - 4 | 0.9 | -0.2 | 1.7 | 0 | 0 | 20 | 03 | 3 | 0 | 6 | 7 | 1 | 0 | 0 | 10 | 0 |
| | 1730 | 2042 | 1497.9 | 796.9 | -1.6 | 10.8 | 7.9 | 4.9 | 8.7 | 68 | + 0 | 1.2 | -0.7 | 1.7 | 0 | 0 | 21 | 01 | 2 | 0 | 8 | 9 | 1 | 0 | 0 | 9 | 0 |
| Mukteswar (Kumaun) | 0830 | 2311 | 3145.1 | 774.8 | +0.5 | 9.7 | 5.0 | - 1.4 | 5.4 | 49 | + 8 | 1.2 | +0.4 | 9.5 | 0 | 2 | 25 | 00 | 5 | 11 | 2 | 2 | 2 | 3 | 2 | 3 | 0 |
| | 1730 | 2311 | 3126.0 | 773.0 | +0.1 | 9.3 | 5.3 | 0.3 | 6.2 | 55 | - 3 | 0.8 | -0.4 | 8.2 | 0 | 2 | 23 | 00 | 5 | 5 | 1 | 1 | 2 | 8 | 3 | 5 | 0 |
| Nainital | 0830 | 1953 | 1519.8 | 807.5 | +0.0 | 11.0 | 6.0 | 0.3 | 6.2 | 48 | - 5 | 1.2 | +0.5 | 3.6 | 0 | 0 | 15 | 00 | 2 | 3 | 4 | 0 | 0 | 3 | 3 | 15 | 0 |
| | 1730 | 1953 | 1493.5 | 804.7 | -1.0 | 10.6 | 6.8 | 3.3 | 7.7 | 64 | - 7 | 0.7 | -1.2 | 3.6 | 0 | 0 | 29 | 00 | 0 | 0 | 0 | 1 | 1 | 27 | 0 | 1 | 0 |
| Kalimpong | 0830 | 1209 | 1505.8 | 880.4 | -0.9 | 15.5 | 12.9 | 10.9 | 13.0 | 74 | - 4 | 0.8 | -1.2 | 5.7 | 0 | 0 | 30 | 00 | 0 | 0 | 1 | 0 | 0 | 0 | 29 | 0 | 0 |
| | 1730 | 1209 | 1472.5 | 876.9 | -1.9 | 16.1 | 14.0 | 12.5 | 14.5 | 78 | - 2 | 0.9 | -2.2 | 5.5 | 0 | 0 | 30 | 00 | 0 | 0 | 29 | 0 | 1 | 0 | 0 | 0 | 0 |
| Darjeeling | 0830 | 2128 | 1542.1 | 793.3 | -0.4 | 11.7 | 9.8 | 8.2 | 10.9 | 79 | +11 | 4.0 | +0.7 | 0.7 | 0 | 0 | 7 | 05 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 23 | 0 |
| | 1730 | 2128 | 1520.3 | 791.1 | -0.5 | 10.6 | 9.7 | 9.0 | 11.5 | 89 | + 5 | 5.2 | +0.7 | 0.6 | 0 | 0 | 5 | 00 | 0 | 0 | 0 | 0 | 1 | 4 | 0 | 25 | 0 |
| Kohima | 0830 | 1406 | 1572.8 | 866.9 | +1.3 | 16.7 | 13.9 | 11.8 | 13.8 | 73 | - 3 | 3.0 | +0.7 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1406 | 1532.0 | 862.7 | -0.4 | 17.7 | 15.5 | 14.0 | 16.0 | 79 | - 8 | 5.9 | +2.4 | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Shillong .(C.S.O.) | 0830 | 1598 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1598 | | | | | | | | | | | | | | | | | | | | | | | | | |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Relative Humidity % Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HILL STATIONS (EXCLUDING KASHMIR) (Contd.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cherrapunji | 0830 | 1313 | 1504.3 | 869.3 | -2.5 | 18.2 | 15.0 | 12.7 | 14.7 | 71 | + 6 | 2.3 | -0.4 | 4.7 | 0 | 0 | 30 | 01 | 23 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 |
| | 1730 | 1313 | 1501.0 | 869.0 | -0.1 | 18.1 | 15.4 | 13.5 | 15.5 | 75 | - 8 | 2.0 | -1.6 | 6.5 | 0 | 0 | 29 | 00 | 18 | 0 | 0 | 0 | 11 | 0 | 0 | 1 | 0 |
| Abu | 0830 | 1195 | 1519.1 | 883.1 | -1.4 | 17.5 | 12.1 | 7.0 | 10.0 | 53 | +11 | 0.4 | -0.4 | 0.3 | 0 | 0 | 2 | 00 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 28 | 0 |
| | 1730 | 1195 | 1510.1 | 881.7 | -1.2 | 21.2 | 17.7 | 4.3 | 8.3 | 34 | + 0 | 0.8 | -0.2 | 1.5 | 0 | 0 | 8 | 02 | 0 | 0 | 0 | 0 | 4 | 1 | 1 | 22 | 0 |
| Aizal | 0830 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Pachmarhi | 0830 | 1075 | 1530.5 | 896.4 | -1.4 | 19.5 | 14.7 | 10.8 | 13.2 | 60 | + 2 | 3.3 | +1.4 | 2.1 | 0 | 0 | 20 | 00 | 4 | 6 | 4 | 6 | 0 | 0 | 0 | 10 | 0 |
| | 1730 | 1075 | 1511.1 | 894.0 | -1.6 | 22.2 | 15.6 | 10.4 | 12.9 | 51 | + 1 | 4.0 | +1.9 | 1.7 | 0 | 0 | 22 | 03 | 12 | 1 | 1 | 1 | 2 | 0 | 2 | 8 | 0 |
| Mahabaleshwar | 0830 | 1382 | 1513.1 | 863.4 | -1.6 | 17.4 | 14.7 | 12.3 | 14.8 | 74 | +11 | 2.6 | +0.3 | 11.2 | 0 | 0 | 30 | 00 | 23 | 0 | 3 | 0 | 4 | 0 | 0 | 0 | 0 |
| | 1730 | 1382 | 1498.0 | 861.7 | -1.2 | 20.7 | 16.7 | 13.4 | 16.1 | 66 | + 4 | 3.3 | +0.6 | 10.6 | 0 | 0 | 30 | 00 | 24 | 0 | 2 | 0 | 3 | 0 | 1 | 0 | 0 |
| Mercara | 0830 | 1152 | 1503.1 | 885.7 | -1.0 | 18.7 | 17.1 | 16.0 | 18.3 | 85 | + 2 | 3.5 | -0.7 | 10.5 | 0 | 4 | 26 | 06 | 17 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 5 |
| | 1730 | 1152 | 1484.4 | 883.5 | -1.0 | 21.0 | 18.4 | 16.7 | 19.3 | 79 | + 6 | 4.2 | -0.1 | 12.7 | 1 | 2 | 27 | 01 | 13 | 1 | 0 | 0 | 1 | 4 | 6 | 0 | 4 |
| Ootacamund | 0830 | 2249 | 1514.3 | 779.8 | -0.4 | 12.1 | 11.1 | 10.3 | 12.5 | 89 | + 7 | 4.2 | +0.3 | 1.7 | 0 | 0 | 14 | 00 | 4 | 1 | 2 | 6 | 0 | 1 | [illegible] | 15 | 0 |
| | 1730 | 2249 | 1479.4 | 777.2 | -1.5 | 14.4 | 12.7 | 11.5 | 13.6 | 83 | + 3 | 4.9 | -0.6 | 2.2 | 0 | 0 | 15 | 00 | 7 | 1 | 1 | 4 | 1 | 1 | 0 | 15 | 0 |
| Coonoor | 0830 | | .. | .. | .. | 16.4 | 14.4 | 13.0 | 15.9 | 82 | + 5 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Kodaikanal | 0830 | 2343 | 3144.8 | 770.9 | -1.1 | 12.7 | 11.7 | 11.0 | 13.0 | 90 | + 7 | 5.4 | +0.2 | 8.9 | 0 | 2 | 24 | 04 | 2 | 2 | 8 | 2 | 0 | 0 | 8 | 4 | 0 |
| | 1130 | 2343 | 3149.5 | 770.8 | .. | 15.3 | 13.2 | 11.7 | 13.8 | 80 | .. | 6.1 | .. | 10.7 | 0 | 4 | 24 | 03 | 2 | 1 | 10 | 3 | 0 | 1 | 8 | 2 | 0 |
| | 1730 | 2343 | 3126.1 | 769.2 | -1.1 | 13.2 | 12.5 | 12.0 | 14.1 | 92 | + 0 | 7.0 | +0.3 | 6.9 | 0 | 3 | 18 | 05 | 1 | 0 | 1 | 3 | 2 | 2 | 7 | 9 | 0 |
| NEPAL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | 1324 | 1528.7 | 871.3 | -1.2 | 10.9 | 9.8 | 8.8 | 11.4 | 87 | + 0 | 3.3 | -1.2 | 0.1 | 0 | 0 | 1 | 00 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 29 | 0 |
| | 1130 | 1324 | 1520.2 | 869.7 | .. | 20.2 | 13.6 | 8.0 | 10.8 | 46 | .. | 2.6 | .. | 0.5 | 0 | 0 | 5 | 00 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 25 | 0 |
| | 1730 | 1324 | 1500.2 | 867.9 | -1.4 | 16.3 | 12.4 | 9.2 | 11.7 | 63 | - 9 | 1.6 | -0.4 | 0.8 | 0 | 0 | 5 | 03 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 25 | 0 |
| SIKKIM | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lachen | 0830 | | .. | .. | .. | 7.3 | 3.1 | - 2.8 | 4.8 | 49 | -19 | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| HYDROMETEOROLOGICAL OBSERVATORIES | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAMODAR CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tilaiya | 0830 | | .. | .. | .. | 23.1 | 17.9 | 13.8 | 15.8 | 59 | .. | 3.3 | .. | 4.0 | 0 | 0 | 24 | 01 | 0 | 4 | 1 | 1 | 1 | 10 | 6 | 6 | 0 |
| | 1730 | | .. | .. | .. | 24.2 | 17.9 | 12.8 | 14.8 | 53 | .. | 2.7 | .. | 2.5 | 0 | 0 | 21 | 00 | 0 | 2 | 1 | 0 | 0 | 12 | 6 | 9 | 0 |
| Hazaribagh | 0830 | 6154 | 1013.7 | 945.0 | .. | 21.9 | 17.1 | 13.6 | 15.6 | 63 | .. | 3.5 | .. | 2.1 | 0 | 0 | 13 | 04 | 0 | 4 | 1 | 0 | 0 | 0 | 4 | 17 | 0 |
| | 1730 | 6154 | 1010.8 | 942.1 | .. | 21.4 | 17.3 | 14.4 | 16.4 | 67 | .. | 3.6 | .. | 1.4 | 0 | 0 | 12 | 03 | 1 | 3 | 0 | 0 | 0 | 1 | 4 | 18 | 0 |
| Konar | 0830 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.5 | .. | 4.7 | 0 | 0 | 30 | 00 | 1 | 2 | 0 | 0 | 0 | 24 | 3 | 0 | 0 |
| | 1730 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0.2 | .. | 4.4 | 0 | 0 | 30 | 00 | 0 | 2 | 0 | 0 | 0 | 27 | 1 | 0 | 0 |
| Bokaro | 0830 | 2420 | 1014.0 | 986.3 | .. | 21.8 | 17.9 | 15.7 | 17.1 | 67 | .. | 2.5 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 2420 | 1009.7 | 982.3 | .. | 24.3 | 20.1 | 17.1 | 19.5 | 67 | .. | 2.2 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Maithon | 0830 | | .. | .. | .. | 26.1 | 18.5 | 13.0 | 15.0 | 47 | .. | 2.7 | .. | 1.4 | 0 | 0 | 12 | 00 | 2 | 0 | 3 | 0 | 2 | 0 | 5 | 18 | 0 |
| | 1730 | | .. | .. | .. | 27.4 | 19.2 | 13.6 | 15.6 | 45 | .. | 2.1 | .. | 0.7 | 0 | 0 | 8 | 00 | 4 | 0 | 1 | 0 | 1 | 0 | 2 | 22 | 0 |
| Ramgarh | 0830 | | .. | .. | .. | 21.2 | 17.2 | 14.0 | 16.0 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 24.5 | 18.1 | 13.4 | 15.4 | 52 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Panchet Hills | 0830 | | .. | .. | .. | 22.6 | 18.6 | 15.9 | 18.1 | 67 | .. | 2.9 | .. | 3.1 | 0 | 0 | 20 | 00 | 10 | 0 | 2 | 0 | 5 | 0 | 3 | 10 | 0 |
| | 1730 | | .. | .. | .. | 25.7 | 19.4 | 15.0 | 17.0 | 54 | .. | 3.0 | .. | 1.6 | 0 | 0 | 10 | 00 | 7 | 0 | 1 | 0 | 2 | 0 | 0 | 20 | 0 |
| Durgapur | 0830 | | .. | .. | .. | 23.7 | 19.9 | 17.3 | 19.7 | 69 | .. | 2.7 | .. | 6.2 | 0 | 0 | 27 | 03 | 4 | 2 | 4 | 5 | 0 | 1 | 8 | 3 | 0 |
| | 1730 | | .. | .. | .. | 26.1 | 21.9 | 19.0 | 22.0 | 68 | .. | 2.9 | .. | 4.8 | 0 | 0 | 24 | 05 | 9 | 2 | 3 | 1 | 0 | 1 | 3 | 6 | 0 |
| MAHANADI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ginabahar | 0830 | | .. | .. | .. | 22.4 | 17.8 | 14.6 | 17.0 | 63 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Hirakud | 0830 | 159 | 1013.6 | 995.5 | .. | 25.3 | 21.3 | 19.1 | 22.1 | 69 | .. | 4.0 | .. | 3.5 | 0 | 0 | 18 | 05 | 5 | 6 | 2 | 0 | 0 | 0 | 0 | 12 | 0 |
| | 1130 | 159 | 1012.2 | 994.3 | .. | 28.8 | 22.1 | 18.4 | 21.1 | 54 | .. | 3.9 | .. | 3.3 | 0 | 0 | 26 | 04 | 3 | 5 | 0 | 3 | 1 | 7 | 2 | 4 | 1 |
| | 1730 | 159 | 1010.0 | 992.1 | .. | 27.3 | 21.5 | 18.1 | 20.8 | 58 | .. | 4.1 | .. | 1.5 | 0 | 0 | 8 | 01 | 2 | 3 | 2 | 0 | 0 | 0 | 0 | 22 | 0 |
| Bhimkund | 0830 | | .. | .. | .. | 22.4 | 19.8 | 18.3 | 21.0 | 78 | .. | 3.8 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 25.8 | 20.9 | 18.0 | 20.6 | 63 | .. | 3.7 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Sonepur | 0830 | | .. | .. | .. | 24.4 | 22.3 | 21.3 | 25.3 | 82 | .. | . | .. | 2.5 | 0 | 0 | 24 | 00 | 6 | 5 | 13 | 0 | 0 | 0 | 0 | 6 | 0 |
| Khijrawan | 0830 | | .. | .. | .. | 23.6 | 19.5 | 16.8 | 19.3 | 66 | .. | . | .. | 4.6 | 0 | 0 | 27 | 02 | 2 | 4 | 9 | 4 | 2 | 1 | 3 | 3 | 0 |
| | 1730 | | .. | .. | .. | 26.1 | 20.3 | 16.5 | 19.1 | 57 | .. | . | .. | 4.7 | 0 | 0 | 28 | 04 | 9 | 4 | 3 | 2 | 2 | 1 | 3 | 2 | 0 |
| NARMADA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bagra Tawa | 0830 | | .. | .. | .. | 20.7 | 17.8 | 15.7 | 18.1 | 74 | .. | 2.5[b] | .. | 8.8[b] | 0 | 0 | 25 | 04 | 11 | 4 | 2 | 3 | 1 | 0 | 0 | 4 | 0 |
| | 1730 | | .. | .. | .. | 26.9 | 21.4 | 18.1 | 21.0 | 60 | .. | 3.2[b] | .. | 6.8[b] | 0 | 0 | 23 | 00 | 8 | 9 | 5 | 0 | 0 | 0 | 1 | 6 | 0 |
| Punasa | 0830 | | .. | .. | .. | 23.5 | 17.7 | 13.4 | 15.6 | 55 | .. | . | .. | 9.2 | 0 | 0 | 29 | 00 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| | 1730 | | .. | .. | .. | 27.7 | 20.9 | 16.8 | 19.3 | 54 | .. | . | .. | 9.3 | 0 | 1 | 27 | 00 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Thikri | 0830 | | .. | .. | .. | 25.5 | 18.9 | 14.4 | 16.5 | 52 | .. | 2.3 | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| SABARMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Daroi | 0830 | | .. | .. | .. | 21.9 | 15.0 | 8.9 | 11.5 | 44 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | | .. | .. | .. | 31.3 | 18.5 | 8.1 | 10.9 | 24 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

TABLE III - SUMMARY OF OBSERVATIONS AT FIXED HOURS - NOVEMBER 1966 (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

| SUB-DIVISION AND STATION | Hour of observation I.S.T. | Station elevation in metres | Mean pressure in mbs. At mean sea level or ht. in gpm. of nearest standard isobaric level | Mean pressure in mbs. At station level | Mean pressure in mbs. Departure from normal | Mean temperature in °C Dry Bulb | Mean temperature in °C Wet Bulb | Mean temperature in °C Dew point | Vapour pressure in mbs. | Relative Humidity % | Departure from normal | Cloud Amount (Oktas) Mean amount | Cloud Amount (Oktas) Departure from normal | Mean wind speed Km. per hour | Wind Speed (Km.p.h.) 62 or more | Wind Speed (Km.p.h.) 20 to 61 | Wind Speed (Km.p.h.) 1 to 19 | No. of observations Wind direction N | NE | E | SE | S | SW | W | NW | Calm | Variable |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| HYDROMETEOROLOGICAL OBSERVATORIES (CONTD.) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GANDAK CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jomosom | 0830 | 2800 | .. | .. | .. | 6.7 | 3.0 | - 1.6 | 5.6 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 2800 | .. | .. | .. | 9.7 | 5.9 | 1.6 | 7.1 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Khudi Bazar | 0830 | 823 | .. | .. | .. | 16.3 | 12.4 | 8.9 | 11.6 | 62 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 823 | .. | .. | .. | 19.6 | 15.4 | 12.4 | 14.5 | 63 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Timure | 0830 | 1676 | .. | .. | .. | 9.2 | 5.4 | 0.6 | 6.6 | 57 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1676 | .. | .. | .. | 14.4 | 9.9 | 5.6 | 9.3 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Pokhara | 0830 | 918 | .. | .. | .. | 17.3 | 14.1 | 11.7 | 13.9 | 70 | .. | 1.5 | .. | 0.7 | 0 | 0 | 9 | 04 | 0 | 0 | 1 | 2 | 1 | 0 | 1 | 21 | 0 |
| | 1130 | 918 | .. | .. | .. | 21.5 | 16.0 | 12.1 | 14.3 | 55 | .. | 2.1 | .. | 2.7 | 0 | 0 | 27 | 00 | 0 | 1 | 15 | 10 | 1 | 0 | 0 | 3 | 0 |
| | 1730 | 918 | .. | .. | .. | 19.4 | 16.2 | 14.0 | 16.1 | 71 | .. | 2.3 | .. | 0.2 | 0 | 0 | 3 | 00 | 0 | 2 | 1 | 0 | 0 | 0 | 0 | 27 | 0 |
| Gorkha | 0830 | 1135 | .. | .. | .. | 17.3 | 14.1 | 11.6 | 13.8 | 70 | .. | 1.5 | .. | .. | . | .. | .. | 00 | 1 | 0 | 0 | 2 | 7 | 0 | 1 | 19 | 0 |
| | 1130 | 1135 | .. | .. | .. | 20.4 | 16.0 | 13.0 | 15.0 | 63 | .. | 1.6 | .. | .. | . | .. | .. | 00 | 3 | 1 | 1 | 6 | 16 | 2 | 0 | 1 | 0 |
| | 1730 | 1135 | .. | .. | .. | 17.8 | 13.9 | 10.9 | 13.2 | 65 | .. | 0.7 | .. | .. | . | .. | .. | 00 | 0 | 0 | 0 | 1 | 2 | 1 | 5 | 21 | 0 |
| Nuwakot | 0830 | 970 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 970 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dailekh | 0830 | 1304 | .. | .. | .. | 15.1 | 11.8 | 8.9 | 11.5 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1304 | .. | .. | .. | 17.1 | 12.8 | 9.1 | 11.8 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| GHAGHARA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dadeldhura | 0830 | 1837 | Temporarily closed from 28.5.1966 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | 1837 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1837 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sallyana | 0830 | 1457 | .. | .. | .. | 16.0 | 11.3 | 6.9 | 10.1 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1457 | .. | .. | .. | 17.1 | 12.3 | 7.8 | 10.9 | 56 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Butwal | 0830 | 263 | .. | .. | .. | 21.4 | 16.9 | 13.6 | 15.7 | 62 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 263 | .. | .. | .. | 22.4 | 18.5 | 15.8 | 18.1 | 67 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| BAGHMATI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Katmandu | 0830 | | Data included under Nepal. | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1130 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KOSI CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Chautara | 0830 | 1676 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1676 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Walungchung Gola | 0830 | 3048 | .. | .. | .. | 6.6 | 2.6 | - 2.8 | 4.7 | 55 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 3048 | .. | .. | .. | 4.5 | 2.9 | 1.2 | 6.8 | 79 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplethok | 0830 | 1372 | .. | .. | .. | 14.3 | 11.3 | 8.4 | 11.2 | 69 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1372 | .. | .. | .. | 16.9 | 12.5 | 8.9 | 11.4 | 60 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhojpur | 0830 | 1524 | .. | .. | .. | 16.3 | 12.5 | 9.7 | 12.1 | 66 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 13.9 | 12.3 | 11.0 | 13.2 | 83 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Taplejung | 0830 | 1768 | .. | .. | .. | 13.3 | 10.3 | 7.8 | 10.7 | 70 | .. | 3.9 | .. | .. | . | .. | .. | 01 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 27 | 0 |
| | 1130 | 1768 | .. | .. | .. | 16.9 | 12.3 | 8.7 | 11.3 | 59 | .. | 4.2 | .. | .. | . | .. | .. | 05 | 1 | 1 | 0 | 2 | 2 | 4 | 2 | 13 | 0 |
| | 1730 | 1768 | .. | .. | .. | 13.7 | 10.5 | 7.9 | 10.7 | 68 | .. | 3.1 | .. | .. | . | .. | .. | 01 | 1 | 0 | 2 | 11 | 1 | 1 | 1 | 12 | 0 |
| Okhaldhunga | 0830 | 2103 | .. | .. | .. | 13.6 | 10.7 | 8.2 | 10.9 | 71 | .. | 2.3 | .. | 0.3 | 0 | 0 | 3 | 01 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 27 | 0 |
| | 1130 | 2103 | .. | .. | .. | 17.3 | 12.5 | 8.9 | 11.5 | 58 | .. | 2.7 | .. | 1.1 | 0 | 0 | 12 | 00 | 0 | 0 | 0 | 3 | 4 | 4 | 0 | 18 | 1 |
| | 1730 | 2103 | .. | .. | .. | 12.9 | 11.0 | 9.6 | 12.0 | 80 | .. | 3.5 | .. | 1.1 | 0 | 0 | 10 | 00 | 0 | 0 | 0 | 0 | 0 | 6 | 4 | 20 | 0 |
| Chainpur | 0830 | 1329 | .. | .. | .. | 15.5 | 13.2 | 11.5 | 13.6 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1329 | .. | .. | .. | 17.4 | 14.5 | 12.3 | 14.4 | 73 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Angbung | 0830 | 1219 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1730 | 1219 | (R) | | | | | | | | | | | | | | | | | | | | | | | | |
| Barahakshetra | 0830 | 146 | 1015.7 | 998.7 | .. | 19.2 | 16.7 | 14.8 | 16.9 | 76 | .. | 2.7 | .. | 2.1 | 0 | 0 | 24 | 02 | 3 | 8 | 2 | 0 | 2 | 2 | 5 | 6 | 0 |
| | 1130 | 146 | 1013.5 | 996.8 | .. | 24.9 | 19.8 | 16.6 | 19.1 | 61 | .. | 2.9 | .. | 2.6 | 0 | 0 | 25 | 00 | 0 | 3 | 0 | 1 | 9 | 12 | 0 | 5 | 0 |
| | 1730 | 146 | 1011.8 | 994.9 | .. | 20.5 | 18.7 | 17.5 | 20.2 | 83 | .. | 3.5 | .. | 2.3 | 0 | 0 | 29 | 00 | 0 | 21 | 6 | 1 | 1 | 0 | 0 | 1 | 0 |
| TISTA CATCHMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gangtok | 0830 | 1812 | 1525.3 | 821.8 | .. | 12.4 | 10.4 | 8.7 | 11.3 | 79 | .. | 3.6 | .. | 1.2 | 0 | 0 | 10 | 04 | 2 | 0 | 0 | 3 | 0 | 0 | 1 | 20 | 0 |
| | 1130 | 1812 | 1513.0 | 821.1 | .. | 17.0 | 13.0 | 10.2 | 12.5 | 65 | .. | 4.5 | .. | 5.2 | 0 | 0 | 28 | 01 | 2 | 1 | 0 | 7 | 15 | 1 | 1 | 2 | 0 |
| | 1730 | 1812 | 1500.1 | 819.5 | .. | 13.1 | 11.2 | 9.7 | 12.1 | 80 | .. | 5.8 | .. | 3.1 | 0 | 0 | 21 | 02 | 1 | 0 | 4 | 12 | 2 | 0 | 0 | 9 | 0 |
| Gezing | 0830 | 1524 | .. | .. | .. | 15.0 | 12.7 | 11.0 | 13.2 | 78 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 1730 | 1524 | .. | .. | .. | 15.0 | 12.7 | 11.0 | 13.2 | 77 | .. | . | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## MONTHLY MEANS OF UPPER WINDS

During the month, observations of velocity and direction of upper winds were made at 5 stations in India. Out of these, at 40 stations all the observations were taken by means of ilot balloons and at 15 stations some observations were made by means of pilot balloons while he other observations by the radiowind method. In the case of Bangalore, the observations were aken by following radiosonde balloon by means of an optical theodolite. Particulars of these tations, their co-ordinates and the approximate times of the regular pilot balloon and rawin scents at each station are given in the table overleaf. All radiowind ascents have been indicated y means of an asterisk (*) against the scheduled hours.

Data from ascents made at the scheduled time or within two hours on either side of the cheduled times of regular observations have been used for averaging.

Data upto 9.0 km. above mean sea level are given under Table IV and data above 9.0 km. bove mean sea level under Table V.

In Tables IV and V :

N = represents the number of observations;

S = represents the mean wind speed in metres per second irrespective of direction;

V = represents the resultant mean velocity in metres per second;

D = represents the direction of the resultant mean wind in degrees East of North.

Means and resultant winds are given in this publication for the following heights :-

Surface, 0.15 km. a.g., 0.3, 0.6, 0.9, 1.5, 2.1, 3.0, 3.6, 4.5, 5.4, 6.0, 7.2, 9.0, 10.5, 2.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0, 30.0, 33.0, and 36.0 km. above mean sea level. Of these he levels 1.5, 3.0, 5.4,7.2, 9.0, 12.0, 14.1, 16.2, 18.0, 21.0, 24.0, 27.0 and 30 km. above ean sea level are considered as the best approximations to the standard pressure levels 850, 00, 500, 400, 3001 200, 150, 100, 70, 50, 30, 20 and 10 mb. respectively.

## PARTICULARS OF PILOT BALLOON AND RAWIN STATIONS IN INDIA

| S.No. | Station | Latitude | Longitude | Height of anemometer head a.m.s.l. in metres | Date of opening | Approximate times of flight (I.S.T. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | ° ' N | ° ' E | | | | | | |
| 1. | Agartala | 23 53 | 91 15 | 17 | 28th Nov. 1951 | 0530 | | 1730 | 2330 |
| 2. | Ahmadabad | 23 04 | 72 38 | 61 | 19th May. 1928 | 0530* | 1130 | 1730* | 2330 |
| 3. | Allahabad/Bamhrauli | 25 27 | 81 44 | 103 | 28th Feb. 1930 | 0530 | | 1730 | 2330 |
| 4. | Ambala | 30 23 | 76 46 | 279 | 1st Apr. 1941 | 0530 | 1130 | 1730 | 2330 |
| 5. | Amini | 11 07 | 72 44 | 14 | 15th May. 1965 | 0530 | | 1730 | 2330 |
| 6. | Anantapur | 14 41 | 77 37 | 365 | 12th Feb. 1946 | 0530 | | 1730 | 2330 |
| 7. | Asansol | 23 41 | 86 59 | 135 | 29th May. 1942 | 0530 | | 1730 | 2330 |
| 8. | Aurangabad/Chikalthan | 19 51 | 75 24 | 583 | 7th Oct. 1951 | 0530 | | 1730 | 2330 |
| 9. | Bahraich | 27 34 | 81 36 | 134 | 1st Oct. 1961 | 0530 | 1130 | 1730 | |
| 10. | Bangalore | 12 58 | 77 35 | 936 | 19th May. 1915 | 0530● | 1130 | 1730● | 2330 |
| 11. | Bareilly | 28 22 | 79 24 | 181 | 12th Jan. 1943 | 0530 | | 1730 | |
| 12. | Begampet | 17 27 | 78 28 | 543 | 1st Sep. 1929 | 0530 | | 1730 | 2330 |
| 13. | Bhagalpur | 25 14 | 86 57 | 61 | 19th May. 1950 | 0530 | | 1730 | |
| 14. | Bhopal/Bairagarh | 23 17 | 77 21 | 532 | 26th Feb. 1943 | 0530 | | 1730 | 2330 |
| 15. | Bhubaneshwar | 20 15 | 85 50 | 54 | 5th Dec. 1942 | 0530 | | 1730 | 2330 |
| 16. | Bhuj/Rudramata | 23 15 | 69 48 | 90 | 14th Sep. 1937 | 0530 | | 1730 | 2330 |
| 17. | Bikaner | 28 00 | 73 18 | 229 | 18th Oct. 1946 | 0530 | | 1730 | 2330 |
| 18. | Bombay/Santa Cruz | 19 07 | 72 51 | 27 | 14th May. 1933 | 0530* | 1130 | 1730* | 2330 |
| 19. | Calcutta/Dum Dum | 22 39 | 88 27 | 13 | 14th May. 1921 | 0530* | 1130 | 1730* | 2330 |
| 20. | Cochin/Willingdon + | 09 56 | 76 14 | 13 | 16th Mar. 1942 | 0530 | | 1730 | 2330 |
| 21. | Dehra Dun | 30 19 | 78 03 | 692 | 1st Oct. 1958 | 0530 | | 1730 | |
| 22. | Dibrugarh/Mohanbari | 27 29 | 95 01 | 112 | 1st Jun. 1943 | 0530 | 1130 | 1730 | 2330 |
| 23. | Gadag | 15 25 | 75 38 | 650 | 3rd May. 1943 | 0530 | | 1730 | 2330 |
| 24. | Gangtok | 27 20 | 88 16 | 1764 | 1st May. 1963 | 0530 | | 1730 | |
| 25. | Gauhati | 26 05 | 91 43 | 55 | 12th Mar. 1955 | 0530* | 1130 | 1730* | 2330 |
| 26. | Gaya | 24 45 | 84 57 | 119 | 19th Mar. 1937 | 0530 | | 1730 | 2330 |
| 27. | Goa/Dabolim | 15 23 | 73 49 | 228 | Jul. 1965 | 0530 | | 1730 | 2330 |
| 28. | Gopalpur | 19 16 | 84 53 | 24 | 15th Feb. 1946 | 0530 | | 1730 | 2330 |
| 29. | Gorakhpur | 26 45 | 83 22 | 83 | 5th Jan. 1943 | 0530 | | 1730 | |
| 30. | Gwalior | 26 14 | 78 15 | 208 | 7th May. 1938 | 0530 | 1130 | 1730 | 2330 |
| 31. | Imphal/Tulihal | 24 46 | 93 54 | 782 | 8th Mar. 1952 | 0530 | 1130 | 1730 | 2330 |
| 32. | Jabalpur | 23 10 | 79 57 | 402 | 30th Jul. 1928 | 0530 | | 1730 | 2330 |
| 33. | Jagdalpur | 19 05 | 82 02 | 562 | 25th Mar. 1948 | 0530 | | 1730 | 2330 |
| 34. | Jaipur/Sanganer | 26 49 | 75 48 | 403 | 6th Jun. 1953 | 0530 | | 1730 | 2330 |
| 35. | Jamshedpur | 22 49 | 86 11 | 144 | 23rd Jul. 1942 | 0530 | | 1730 | |
| 36. | Jharsuguda | 21 55 | 84 05 | 240 | 1st May. 1944 | 0530 | | 1730 | 2330 |
| 37. | Jodhpur | 26 18 | 73 01 | 229 | 15th Oct. 1934 | 0530* | 1130 | 1730* | 2330 |
| 38. | Lucknow/Amausi | 26 45 | 80 53 | 133 | 20th Nov. 1950 | 0530* | 1130 | 1730* | 2330 |
| 39. | Madras/Minambakkam | 13 00 | 80 11 | 29 | 8th Apr. 1926 | 0530* | 1130 | 1730* | 2330 |
| 40. | Mangalore/Bajpe | 12 55 | 74 53 | 104 | 25th May. 1959 | 0530 | | 1730 | 2330 |
| 41. | Minicoy | 08 18 | 73 00 | 15 | 14th Apr. 1941 | 0530 | 1130 | 1730* | 2330 |
| 42. | Nagpur/Sonegaon | 21 06 | 79 03 | 316 | 23rd Apr. 1943 | 0530* | 1130 | 1730* | 2330 |
| 43. | New Delhi/Safdarjung | 28 35 | 77 12 | 227 | 20th Oct. 1936 | 0530* | 1130 | 1730* | 2330 |
| 44. | Poona | 18 32 | 73 51 | 593 | 5th Jan. 1925 | 0530 | | 1730 | 2330 |
| 45. | Port Blair | 11 40 | 92 43 | 95 | 29th Oct. 1945 | 0530* | 1130 | 1730* | 2330 |
| 46. | Raipur | 21 14 | 81 39 | 308 | 15th Jul. 1944 | 0530 | | 1730 | 2330 |
| 47. | Raxaul | 26 59 | 84 51 | 83 | 28th Oct. 1957 | 0530 | | 1730 | |
| 48. | Srinagar | 34 05 | 74 48 | 1595 | 1st Aug. 1962 | 0530* | | 1730* | |
| 49. | Tiruchchirappalli | 10 46 | 78 43 | 96 | 22nd Jun. 1936 | 0530 | | 1730 | 2330 |
| 50. | Trivandrum | 08 29 | 76 57 | 73 | 8th Dec. 1928 | 0530* | 1130 | 1730* | 2330 |
| 51. | Udaipur | 24 35 | 73 42 | 587 | 24th Jun. 1947 | 0530 | | 1730 | 2330 |
| 52. | Vengurla | 15 52 | 73 38 | 8 | 22nd Nov. 1941 | 0530 | | 1730 | 2330 |
| 53. | Veraval | 20 54 | 70 22 | 17 | 13th Oct. 1941 | 0530 | | 1730 | 2330 |
| 54. | Vijaywada/Gannavaram | 16 32 | 80 48 | 32 | 8th Apr. 1942 | 0530 | | 1730 | 2330 |
| 55. | Vishakhapatnam | 17 43 | 83 14 | 10 | 24th Sep. 1928 | 0530* | 1130 | 1730* | 2330 |

* Radio wind ascents.

● Radiosonde ascents followed by optical theodolite.

\+ Naval Meteorological Office.

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | AGARTALA | | | | | | | | | | | | AHMADABAD | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| FACE | 30 | 00.3 | 00.2 | 012 | 30 | 00.8 | 00.6 | 331 | 30 | 00.4 | 00.3 | 348 | 30 | 01.0 | 00.9 | 052 | 30 | 02.7 | 02.2 | 095 | 30 | 01.1 | 00.6 | 347 |
| 15 A.G.L. | 28 | 03.3 | 02.6 | 015 | 30 | 02.9 | 02.0 | 339 | 28 | 03.7 | 03.0 | 349 | 30 | 07.3 | 05.7 | 060 | 30 | 03.3 | 02.6 | 097 | 30 | 03.3 | 01.7 | 355 |
| 3A.M.S.L. | 28 | 03.5 | 02.9 | 018 | 30 | 03.1 | 02.1 | 339 | 28 | 03.7 | 03.0 | 349 | 30 | 07.1 | 05.4 | 058 | 30 | 03.3 | 02.6 | 097 | 30 | 03.4 | 01.7 | 352 |
| 6 ,, | 28 | 03.4 | 02.8 | 009 | 30 | 03.2 | 02.0 | 339 | 28 | 03.5 | 02.9 | 339 | 30 | 05.6 | 03.1 | 045 | 30 | 03.5 | 02.3 | 089 | 30 | 03.3 | 01.4 | 351 |
| 9 ,, | 28 | 03.7 | 02.7 | 349 | 30 | 03.1 | 01.8 | 332 | 28 | 03.4 | 02.6 | 331 | 30 | 04.9 | 01.8 | 045 | 30 | 03.5 | 01.3 | 084 | 30 | 02.8 | 01.2 | 002 |
| 5 ,, | 28 | 04.7 | 03.3 | 315 | 30 | 03.8 | 02.0 | 313 | 28 | 03.8 | 02.4 | 279 | 30 | 04.7 | 01.2 | 200 | 30 | 03.8 | 00.8 | 181 | 30 | 03.2 | 00.6 | 354 |
| 1 ,, | 28 | 05.9 | 03.7 | 283 | 26 | 05.1 | 04.0 | 291 | 27 | 05.5 | 04.4 | 266 | 30 | 05.6 | 02.9 | 203 | 30 | 04.6 | 03.0 | 216 | 30 | 03.7 | 00.9 | 260 |
| 0 ,, | 27 | 09.2 | 08.5 | 263 | 26 | 09.4 | 08.9 | 269 | 25 | 08.6 | 08.1 | 268 | 30 | 06.0 | 04.5 | 235 | 30 | 05.9 | 04.9 | 240 | 30 | 05.1 | 04.0 | 253 |
| 6 ,, | 22 | 12.0 | 11.9 | 265 | 26 | 11.8 | 11.3 | 267 | 03 | 09.3 | 08.9 | 243 | 30 | 06.7 | 05.8 | 260 | 28 | 06.9 | 05.6 | 255 | 30 | 06.6 | 05.7 | 262 |
| 5 ,, | 21 | 14.5 | 14.2 | 262 | 23 | 14.5 | 14.3 | 266 | 01 | 10.0 | 10.0 | 235 | 30 | 08.0 | 07.2 | 275 | 28 | 09.1 | 08.2 | 262 | 30 | 08.7 | 08.0 | 274 |
| 4 ,, | 19 | 16.3 | 15.9 | 258 | 19 | 15.2 | 14.1 | 266 | | | | | 30 | 11.2 | 09.7 | 275 | 27 | 11.5 | 09.8 | 259 | 30 | 11.8 | 10.9 | 274 |
| 0 ,, | 17 | 16.6 | 16.2 | 257 | 17 | 15.8 | 15.7 | 262 | | | | | 30 | 13.2 | 12.2 | 272 | 27 | 13.8 | 13.2 | 257 | 30 | 13.3 | 12.5 | 269 |
| 2 ,, | 06 | 18.5 | 17.9 | 264 | 13 | 17.2 | 17.0 | 262 | | | | | 30 | 17.0 | 16.4 | 272 | 26 | 17.8 | 17.5 | 245 | 30 | 17.6 | 17.0 | 266 |
| 0 ,, | | | | | 02 | 13.0 | 12.4 | 240 | | | | | 30 | 24.1 | 23.3 | 260 | 18 | 22.9 | 22.3 | 248 | 30 | 25.4 | 24.9 | 254 |

| STATION | AHMADABAD | | | | ALLAHABAD/BAMHRAULI | | | | | | | | | | | | AMBALA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | |
| IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| FACE | 30 | 00.5 | 00.2 | 018 | 30 | 00.2 | 00.2 | 073 | 30 | 00.4 | 00.2 | 042 | 30 | 00.2 | 00.2 | 062 | 30 | 00.3 | 00.1 | 315 | 30 | 00.5 | 00.1 | 336 |
| 15 A.G.L. | 30 | 05.2 | 03.6 | 349 | 26 | 04.3 | 01.3 | 034 | 28 | 03.3 | 02.0 | 342 | 30 | 04.1 | 01.7 | 030 | 30 | 04.3 | 02.9 | 348 | 30 | 03.3 | 00.9 | 334 |
| 3A.M.S.L. | 30 | 05.4 | 03.8 | 353 | 26 | 04.4 | 01.6 | 032 | 28 | 03.3 | 02.1 | 338 | 30 | 04.3 | 01.6 | 037 | 30 | 01.8 | 00.8 | 005 | 30 | 01.0 | 00.2 | 018 |
| 6 ,, | 30 | 04.0 | 02.8 | 006 | 26 | 04.1 | 01.8 | 360 | 28 | 03.4 | 02.3 | 336 | 30 | 04.1 | 01.4 | 012 | 30 | 04.3 | 02.9 | 340 | 30 | 03.8 | 01.3 | 335 |
| 9 ,, | 30 | 03.3 | 02.1 | 005 | 26 | 03.7 | 01.9 | 338 | 27 | 04.0 | 02.8 | 326 | 29 | 04.2 | 01.2 | 326 | 30 | 03.4 | 01.6 | 336 | 30 | 03.6 | 00.5 | 320 |
| 5 ,, | 30 | 03.6 | 00.3 | 135 | 26 | 05.4 | 03.5 | 308 | 27 | 05.6 | 03.5 | 311 | 28 | 06.0 | 02.5 | 292 | 30 | 03.6 | 00.8 | 130 | 30 | 03.8 | 01.2 | 136 |
| 1 ,, | 30 | 03.8 | 01.0 | 170 | 24 | 06.8 | 04.3 | 305 | 27 | 06.2 | 04.3 | 294 | 28 | 06.3 | 03.7 | 277 | 30 | 04.5 | 01.4 | 153 | 30 | 04.2 | 02.0 | 140 |
| 0 ,, | 30 | 05.4 | 03.4 | 231 | 22 | 09.1 | 06.9 | 289 | 19 | 08.8 | 07.9 | 287 | 22 | 07.8 | 06.6 | 274 | 30 | 05.4 | 02.1 | 205 | 29 | 05.6 | 02.4 | 206 |
| 6 ,, | 05 | 07.4 | 06.6 | 238 | 14 | 10.9 | 09.3 | 292 | 18 | 10.5 | 09.5 | 284 | 04 | 09.0 | 08.7 | 271 | 30 | 07.4 | 03.8 | 233 | 28 | 07.4 | 04.1 | 228 |
| 5 ,, | | | | | 10 | 10.6 | 09.4 | 288 | 15 | 12.4 | 11.9 | 274 | | | | | 27 | 11.7 | 09.4 | 260 | 28 | 10.6 | 09.8 | 236 |
| 4 ,, | | | | | 06 | 13.3 | 11.3 | 281 | 10 | 14.5 | 13.6 | 270 | | | | | 26 | 17.6 | 14.6 | 263 | 28 | 15.4 | 14.3 | 258 |
| 0 ,, | | | | | 05 | 16.8 | 15.2 | 284 | 08 | 17.0 | 15.9 | 262 | | | | | 24 | 21.8 | 20.2 | 263 | 27 | 19.6 | 18.5 | 260 |
| 2 ,, | | | | | 02 | 17.0 | 16.9 | 260 | 04 | 21.7 | 21.5 | 247 | | | | | 12 | 31.6 | 30.0 | 258 | 12 | 26.8 | 26.5 | 256 |
| 0 ,, | | | | | 01 | 25.0 | 25.0 | 250 | 01 | 30.0 | 30.0 | 250 | | | | | | | | | 01 | 04.0 | 04.0 | 245 |

| STATION | AMBALA | | | | | | | | AMINI | | | | | | | | | | | | ANANTAPUR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| FACE | 30 | 00.9 | 00.9 | 315 | 30 | 01.1 | 01.1 | 320 | 30 | 04.2 | 02.2 | 296 | 30 | 04.4 | 02.3 | 305 | 30 | 04.3 | 02.4 | 330 | 30 | 01.3 | 01.0 | 067 |
| 15 A.G.L. | 30 | 03.8 | 02.8 | 302 | 30 | 07.3 | 07.0 | 330 | 29 | 05.2 | 02.3 | 304 | 28 | 04.9 | 02.4 | 330 | 30 | 05.4 | 02.5 | 323 | 24 | 05.4 | 02.6 | 064 |
| 3A.M.S.L. | 30 | 02.0 | 01.7 | 299 | 30 | 03.0 | 02.8 | 334 | 29 | 05.5 | 02.5 | 305 | 28 | 05.2 | 02.7 | 327 | 30 | 05.4 | 02.5 | 325 | | | | |
| 6 ,, | 30 | 03.9 | 03.1 | 306 | 30 | 06.3 | 05.9 | 333 | 29 | 05.7 | 02.1 | 305 | 28 | 06.0 | 02.8 | 327 | 30 | 05.4 | 02.4 | 327 | 24 | 05.4 | 02.8 | 075 |
| 9 ,, | 30 | 03.5 | 02.3 | 311 | 30 | 04.8 | 04.1 | 332 | 29 | 05.4 | 01.3 | 318 | 28 | 05.8 | 02.1 | 333 | 29 | 05.1 | 01.6 | 336 | 23 | 06.6 | 03.9 | 088 |
| 5 ,, | 30 | 03.8 | 01.0 | 330 | 30 | 03.9 | 00.6 | 319 | 25 | 05.3 | 01.6 | 082 | 26 | 04.6 | 01.4 | 320 | 27 | 05.6 | 01.2 | 067 | 21 | 07.5 | 04.5 | 070 |
| 1 ,, | 30 | 04.6 | 00.9 | 345 | 30 | 04.1 | 01.4 | 201 | 18 | 05.4 | 02.1 | 070 | 23 | 04.7 | 01.1 | 029 | 23 | 06.8 | 02.0 | 065 | 19 | 07.1 | 04.8 | 063 |
| 0 ,, | 30 | 04.5 | 01.7 | 357 | 29 | 05.6 | 03.0 | 206 | 14 | 05.2 | 01.6 | 111 | 13 | 04.9 | 01.3 | 043 | 19 | 05.7 | 01.2 | 100 | 15 | 06.0 | 03.7 | 074 |
| 6 ,, | 30 | 05.9 | 02.9 | 300 | 12 | 06.7 | 05.7 | 237 | 05 | 04.6 | 03.1 | 044 | 11 | 05.8 | 01.9 | 037 | 09 | 04.4 | 00.4 | 271 | 15 | 05.6 | 03.2 | 076 |
| 5 ,, | 27 | 11.0 | 09.3 | 258 | 06 | 10.5 | 08.6 | 252 | 02 | 04.0 | 03.1 | 060 | 07 | 06.4 | 04.7 | 085 | 05 | 03.6 | 01.2 | 059 | 14 | 05.9 | 02.9 | 063 |
| 4 ,, | 26 | 16.8 | 16.0 | 260 | 03 | 12.6 | 11.9 | 259 | 01 | 02.0 | 02.0 | 015 | 05 | 07.6 | 07.1 | 068 | 03 | 05.7 | 03.0 | 065 | 14 | 06.6 | 03.9 | 047 |
| 0 ,, | 24 | 21.2 | 20.9 | 259 | 02 | 13.0 | 12.7 | 273 | | | | | 03 | 09.3 | 08.1 | 069 | 01 | 01.0 | 01.0 | 163 | 14 | 07.2 | 05.0 | 049 |
| 2 ,, | 09 | 29.8 | 28.9 | 260 | | | | | | | | | 02 | 04.5 | 04.3 | 082 | | | | | 13 | 06.2 | 04.1 | 058 |
| 0 ,, | 01 | 53.0 | 53.0 | 240 | | | | | | | | | | | | | | | | | 09 | 05.5 | 03.3 | 087 |

| STATION | ANANTAPUR | | | | | | | | ASANSOL | | | | | | | | | | | | AURANGABAD/CHIKALTHAN | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 03.2 | 02.8 | 068 | 30 | 03.0 | 02.6 | 083 | 30 | 00.5 | 00.2 | 349 | 30 | 00.9 | 00.7 | 028 | 30 | 00.4 | 00.3 | 016 | 30 | 00.5 | 00.4 | 077 |
| .15 A.G.L. | 29 | 06.8 | 05.6 | 060 | 28 | 06.5 | 05.4 | 080 | 27 | 04.0 | 01.7 | 014 | 29 | 03.2 | 02.4 | 011 | 27 | 04.4 | 01.5 | 030 | 30 | 04.6 | 03.4 | 084 |
| .3A.M.S.L. | | | | | | | | | 27 | 04.3 | 02.0 | 014 | 29 | 03.2 | 02.4 | 010 | 27 | 04.5 | 01.4 | 030 | | | | |
| .6 ,, | 29 | 06.1 | 04.7 | 056 | 28 | 07.1 | 06.0 | 084 | 27 | 04.3 | 01.9 | 010 | 29 | 03.4 | 02.4 | 358 | 27 | 04.7 | 01.7 | 008 | | | | |
| .9 ,, | 29 | 05.9 | 04.2 | 063 | 26 | 08.0 | 06.5 | 091 | 27 | 03.9 | 02.1 | 344 | 28 | 03.4 | 02.2 | 337 | 27 | 04.4 | 02.0 | 340 | 28 | 06.1 | 04.6 | 098 |
| .5 ,, | 27 | 06.5 | 03.5 | 076 | 26 | 07.4 | 04.8 | 088 | 26 | 05.6 | 03.3 | 312 | 28 | 04.7 | 03.9 | 303 | 27 | 05.3 | 03.7 | 307 | 28 | 05.6 | 04.2 | 099 |
| .1 ,, | 25 | 07.4 | 03.5 | 074 | 24 | 07.5 | 03.5 | 086 | 25 | 07.4 | 05.6 | 296 | 27 | 07.0 | 05.5 | 290 | 25 | 07.5 | 05.1 | 292 | 27 | 04.6 | 03.0 | 102 |
| .0 ,, | 16 | 06.6 | 02.4 | 066 | 15 | 04.9 | 02.2 | 081 | 25 | 09.2 | 07.2 | 280 | 27 | 09.6 | 08.4 | 250 | 22 | 08.2 | 06.5 | 293 | 24 | 04.3 | 01.7 | 119 |
| .6 ,, | 15 | 06.7 | 02.5 | 073 | 09 | 04.9 | 03.7 | 070 | 16 | 10.3 | 09.5 | 268 | 23 | 12.0 | 11.3 | 274 | 14 | 08.2 | 07.0 | 260 | 23 | 03.7 | 00.2 | 298 |
| .5 ,, | 12 | 05.4 | 02.9 | 038 | 04 | 05.0 | 03.1 | 042 | 13 | 12.0 | 11.6 | 261 | 17 | 13.7 | 13.2 | 267 | 02 | 10.0 | 09.7 | 255 | 14 | 03.4 | 01.3 | 318 |
| .4 ,, | 08 | 07.1 | 05.6 | 028 | 02 | 07.0 | 06.9 | 005 | 11 | 14.0 | 13.7 | 262 | 15 | 14.7 | 14.4 | 265 | 01 | 12.0 | 12.0 | 215 | 07 | 03.9 | 02.8 | 276 |
| .0 ,, | 08 | 08.1 | 06.4 | 030 | 01 | 04.0 | 04.0 | 005 | 07 | 16.1 | 15.9 | 260 | 13 | 16.6 | 16.3 | 263 | 01 | 15.0 | 15.0 | 230 | 01 | 10.0 | 10.0 | 25 |
| .2 ,, | 06 | 06.8 | 04.6 | 048 | | | | | 05 | 19.4 | 18.9 | 262 | 08 | 19.7 | 19.1 | 262 | | | | | | | | |
| .0 ,, | | | | | | | | | 02 | 28.5 | 28.0 | 269 | 03 | 21.7 | 21.1 | 257 | | | | | | | | |

-TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | AURANGABAD/CHIKALTHAN | | | | | | | | BAHRAICH | | | | | | | | | | | | BANGALORE | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | | 0530 @ | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.4 | 01.7 | 096 | 30 | 01.7 | 00.8 | 086 | 30 | 01.6 | 00.9 | 287 | 30 | 01.2 | 00.6 | 279 | 30 | 01.3 | 01.0 | 287 | 30 | 02.4 | 01.7 | 064 |
| .15 A.G.L. | 30 | 04.3 | 02.4 | 098 | 30 | 05.7 | 03.6 | 086 | 27 | 05.5 | 03.6 | 306 | 30 | 02.7 | 01.1 | 274 | 30 | 03.9 | 02.5 | 282 | 21 | 06.1 | 03.3 | 060 |
| .3A.M.S.L. | | | | | | | | | 27 | 05.5 | 03.4 | 312 | 30 | 03.0 | 01.3 | 290 | 30 | 03.9 | 02.9 | 294 | | | | |
| .6 ,, | | | | | | | | | 27 | 05.7 | 03.6 | 310 | 30 | 03.6 | 02.1 | 304 | 30 | 04.7 | 03.4 | 293 | | | | |
| .9 ,, | 30 | 04.5 | 02.7 | 093 | 30 | 06.6 | 04.6 | 094 | 27 | 06.1 | 04.1 | 302 | 29 | 05.0 | 03.3 | 295 | 30 | 05.0 | 03.6 | 286 | | | | |
| 1.5 ,, | 30 | 04.8 | 02.2 | 074 | 30 | 06.5 | 04.6 | 102 | 26 | 06.8 | 05.0 | 303 | 29 | 06.1 | 03.8 | 290 | 29 | 06.0 | 03.8 | 288 | 21 | 06.7 | 03.6 | 062 |
| 2.1 ,, | 28 | 04.6 | 02.6 | 079 | 29 | 05.1 | 02.1 | 096 | 23 | 08.0 | 05.3 | 290 | 26 | 08.1 | 04.3 | 285 | 28 | 06.8 | 04.2 | 299 | 19 | 06.4 | 03.9 | 049 |
| 3.0 ,, | 24 | 04.2 | 01.8 | 052 | 28 | 04.0 | 01.2 | 116 | 16 | 08.2 | 07.9 | 273 | 24 | 08.7 | 06.4 | 271 | 27 | 07.7 | 06.0 | 288 | 17 | 06.1 | 03.6 | 049 |
| 3.6 ,, | 21 | 04.6 | 00.8 | 058 | 23 | 04.1 | 01.0 | 148 | 12 | 07.9 | 07.2 | 278 | 22 | 07.9 | 06.1 | 269 | 23 | 08.0 | 06.9 | 285 | 16 | 06.7 | 03.1 | 058 |
| 4.5 ,, | 20 | 04.7 | 02.2 | 278 | 14 | 04.0 | 02.1 | 273 | 09 | 09.6 | 09.0 | 264 | 20 | 10.7 | 09.6 | 272 | 20 | 11.4 | 10.9 | 277 | 14 | 05.7 | 03.3 | 065 |
| 5.4 ,, | 14 | 05.4 | 03.5 | 307 | 10 | 04.2 | 03.3 | 262 | 05 | 10.8 | 10.0 | 263 | 19 | 16.0 | 15.3 | 267 | 16 | 16.0 | 15.3 | 266 | 14 | 05.4 | 03.8 | 035 |
| 6.0 ,, | 13 | 07.2 | 05.3 | 292 | 08 | 05.6 | 04.7 | 261 | 05 | 15.0 | 14.0 | 266 | 16 | 18.2 | 17.6 | 262 | 14 | 19.1 | 15.6 | 267 | 14 | 06.5 | 05.2 | 050 |
| 7.2 ,, | 09 | 09.7 | 09.2 | 260 | 02 | 08.5 | 08.1 | 251 | 03 | 22.6 | 22.4 | 270 | 07 | 22.4 | 22.2 | 257 | 04 | 25.0 | 25.0 | 269 | 14 | 05.8 | 04.3 | 115 |
| 9.0 ,, | 05 | 09.8 | 09.6 | 243 | | | | | | | | | 03 | 36.0 | 36.0 | 258 | | | | | 08 | 06.5 | 05.2 | 129 |

| STATION | BANGALORE | | | | | | | | | | | | BARELLY | | | | | | | | BEGAMPET | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 * | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.1 | 01.2 | 074 | 30 | 03.1 | 00.8 | 097 | 30 | 03.4 | 02.3 | 073 | 30 | 01.1 | 00.3 | 355 | 30 | 01.3 | 00.6 | 318 | 30 | 02.2 | 01.3 | 085 |
| .15 A.G.L. | 28 | 05.4 | 02.3 | 095 | 27 | 05.7 | 02.6 | 075 | 22 | 07.0 | 04.9 | 079 | 29 | 05.1 | 03.1 | 340 | 30 | 04.5 | 03.7 | 306 | 23 | 06.3 | 03.5 | 073 |
| .3A.M.S.L. | | | | | | | | | | | | | 29 | 04.8 | 02.6 | 333 | 30 | 04.4 | 03.1 | 305 | | | | |
| .6 ,, | | | | | | | | | | | | | 29 | 05.3 | 03.1 | 318 | 30 | 04.7 | 03.3 | 305 | 23 | 04.7 | 02.7 | 070 |
| .9 ,, | | | | | | | | | | | | | 29 | 05.8 | 03.8 | 309 | 30 | 05.4 | 03.6 | 302 | 23 | 07.7 | 05.6 | 078 |
| 1.5 ,, | 27 | 06.0 | 02.5 | 093 | 27 | 06.0 | 02.8 | 088 | 22 | 07.5 | 04.7 | 075 | 28 | 07.5 | 04.6 | 288 | 29 | 05.7 | 03.5 | 290 | 22 | 09.1 | 07.5 | 069 |
| 2.1 ,, | 16 | 07.0 | 04.4 | 048 | 26 | 06.1 | 02.8 | 100 | 19 | 06.5 | 04.6 | 048 | 28 | 06.9 | 03.6 | 285 | 29 | 06.2 | 03.7 | 276 | 21 | 07.2 | 05.8 | 067 |
| 3.0 ,, | 12 | 06.2 | 03.6 | 049 | 22 | 06.6 | 02.2 | 112 | 17 | 05.6 | 03.4 | 057 | 28 | 07.4 | 05.4 | 273 | 28 | 07.0 | 05.5 | 280 | 16 | 06.6 | 04.8 | 051 |
| 3.6 ,, | 09 | 06.4 | 04.3 | 047 | 20 | 07.1 | 02.2 | 088 | 16 | 06.3 | 03.7 | 063 | 24 | 08.1 | 07.0 | 260 | 24 | 07.0 | 05.6 | 267 | 13 | 06.5 | 04.4 | 053 |
| 4.5 ,, | 09 | 06.2 | 04.1 | 057 | 20 | 05.5 | 02.3 | 063 | 12 | 07.4 | 04.8 | 059 | 20 | 09.7 | 09.1 | 263 | 23 | 09.6 | 09.0 | 261 | 09 | 06.6 | 03.8 | 093 |
| 5.4 ,, | 08 | 07.0 | 04.3 | 041 | 18 | 06.6 | 03.3 | 062 | 08 | 06.3 | 04.4 | 061 | 18 | 13.8 | 12.7 | 256 | 22 | 14.8 | 14.1 | 263 | 06 | 06.6 | 04.8 | 069 |
| 6.0 ,, | 07 | 06.9 | 05.8 | 047 | 17 | 06.8 | 03.2 | 068 | 01 | 03.0 | 03.0 | 055 | 12 | 19.0 | 18.3 | 251 | 19 | 20.1 | 19.6 | 257 | 04 | 07.5 | 06.1 | 063 |
| 7.2 ,, | 07 | 06.9 | 06.1 | 082 | 16 | 05.9 | 02.7 | 103 | | | | | 09 | 25.9 | 24.2 | 260 | 12 | 24.6 | 24.4 | 255 | 02 | 08.5 | 05.9 | 076 |
| 9.0 ,, | 04 | 07.5 | 06.1 | 092 | 08 | 06.3 | 04.9 | 116 | | | | | 04 | 32.5 | 32.1 | 259 | 02 | 39.0 | 39.0 | 248 | 02 | 05.5 | 05.5 | 066 |

| STATION | BEGAMPET | | | | | | | | BHAGALPUR | | | | | | | | BHOPAL/SAIRAGARH | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.2 | 01.8 | 072 | 21 | 02.3 | 01.6 | 077 | 30 | 01.1 | 00.4 | 213 | 30 | 01.1 | 00.8 | 355 | 30 | 01.8 | 01.1 | 075 | 30 | 02.2 | 01.4 | 060 |
| .15 A.G.L. | 30 | 06.2 | 04.4 | 082 | 20 | 06.1 | 04.3 | 076 | 25 | 03.7 | 00.9 | 231 | 28 | 03.5 | 02.8 | 347 | 30 | 06.3 | 04.2 | 110 | 28 | 03.0 | 01.4 | 058 |
| .3A.M.S.L. | | | | | | | | | 25 | 04.0 | 00.8 | 271 | 28 | 03.6 | 02.7 | 344 | | | | | | | | |
| .6 ,, | 30 | 05.4 | 03.5 | 080 | 20 | 04.5 | 03.0 | 080 | 25 | 04.0 | 01.5 | 319 | 28 | 03.7 | 02.4 | 314 | 30 | 05.4 | 03.6 | 102 | 28 | 02.9 | 01.4 | 061 |
| .9 ,, | 30 | 06.3 | 04.4 | 078 | 20 | 07.3 | 05.2 | 077 | 25 | 04.6 | 02.8 | 310 | 28 | 04.0 | 03.0 | 293 | 29 | 06.7 | 04.1 | 126 | 28 | 03.4 | 01.7 | 049 |
| 1.5 ,, | 27 | 06.3 | 04.7 | 067 | 20 | 07.7 | 06.3 | 070 | 25 | 07.6 | 05.2 | 299 | 28 | 07.2 | 05.6 | 279 | 27 | 04.1 | 01.8 | 140 | 28 | 03.0 | 01.2 | 044 |
| 2.1 ,, | 26 | 07.3 | 05.2 | 064 | 19 | 06.6 | 05.4 | 076 | 25 | 09.8 | 08.2 | 291 | 28 | 09.1 | 07.5 | 289 | 27 | 03.7 | 01.2 | 268 | 28 | 03.3 | 00.6 | 316 |
| 3.0 ,, | 21 | 07.5 | 04.4 | 087 | 19 | 05.5 | 03.0 | 103 | 14 | 10.0 | 08.3 | 291 | 23 | 11.4 | 09.8 | 287 | 26 | 05.2 | 03.2 | 277 | 24 | 04.6 | 01.5 | 270 |
| 3.6 ,, | 17 | 06.8 | 03.6 | 097 | | | | | 07 | 09.0 | 09.2 | 291 | 15 | 13.0 | 12.4 | 281 | 25 | 06.0 | 04.5 | 272 | 23 | 05.6 | 03.9 | 270 |
| 4.5 ,, | 11 | 06.2 | 01.5 | 050 | | | | | 02 | 13.0 | 12.5 | 271 | 04 | 10.0 | 09.8 | 281 | 25 | 07.3 | 06.8 | 267 | 21 | 06.2 | 05.1 | 277 |
| 5.4 ,, | 07 | 06.4 | 02.7 | 094 | | | | | | | | | | | | | 22 | 10.2 | 09.8 | 260 | 18 | 08.0 | 06.6 | 265 |
| 6.0 ,, | 06 | 05.5 | 02.0 | 087 | | | | | | | | | | | | | 22 | 12.8 | 12.5 | 260 | 15 | 11.3 | 11.0 | 264 |
| 7.2 ,, | 02 | 05.5 | 04.9 | 174 | | | | | | | | | | | | | 21 | 17.0 | 16.7 | 254 | 14 | 16.6 | 16.4 | 255 |
| 9.0 ,, | | | | | | | | | | | | | | | | | 19 | 22.6 | 22.1 | 251 | 13 | 21.0 | 20.6 | 250 |

| STATION | BHOPAL/SAIRAGARH | | | | BHUBANESHWAR | | | | | | | | | | | | BHUJ/RUDRAMATA | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.5 | 01.9 | 069 | 30 | 01.6 | 01.4 | 033 | 30 | 03.2 | 02.2 | 080 | 30 | 02.1 | 01.0 | 089 | 30 | 00.6 | 00.5 | 358 | 30 | 03.3 | 02.9 | 016 |
| .15 A.G.L. | 30 | 06.1 | 04.8 | 077 | 27 | 03.6 | 01.8 | 041 | 29 | 04.4 | 03.1 | 090 | 29 | 05.2 | 03.1 | 112 | 30 | 05.9 | 05.4 | 025 | 30 | 04.3 | 03.8 | 012 |
| .3A.M.S.L. | | | | | 27 | 03.8 | 02.0 | 075 | 29 | 04.7 | 03.2 | 088 | 29 | 05.6 | 03.3 | 105 | 30 | 07.2 | 06.7 | 032 | 30 | 04.3 | 03.7 | 011 |
| .6 ,, | 30 | 05.4 | 04.3 | 076 | 27 | 04.2 | 02.8 | 076 | 29 | 04.7 | 03.6 | 076 | 29 | 05.1 | 03.8 | 092 | 30 | 08.0 | 07.7 | 039 | 30 | 04.0 | 03.5 | 013 |
| .9 ,, | 30 | 05.9 | 04.4 | 085 | 27 | 04.9 | 03.7 | 074 | 29 | 04.2 | 03.0 | 065 | 29 | 04.9 | 03.6 | 075 | 30 | 03.1 | 06.0 | 033 | 30 | 04.3 | 03.7 | 006 |
| 1.5 ,, | 27 | 03.2 | 01.5 | 112 | 27 | 05.7 | 04.1 | 065 | 27 | 04.7 | 02.6 | 050 | 27 | 04.4 | 02.8 | 060 | 30 | 05.0 | 01.7 | 359 | 30 | 04.3 | 02.3 | 344 |
| 2.1 ,, | 27 | 03.7 | 01.4 | 217 | 26 | 03.2 | 00.3 | 096 | 26 | 03.7 | 00.1 | 318 | 26 | 03.2 | 00.4 | 106 | 30 | 04.7 | 01.7 | 251 | 30 | 04.8 | 02.4 | 271 |
| 3.0 ,, | 26 | 05.4 | 03.4 | 248 | 24 | 04.2 | 02.8 | 239 | 21 | 04.7 | 02.6 | 255 | 21 | 04.0 | 01.8 | 216 | 29 | 05.3 | 04.1 | 268 | 30 | 04.7 | 03.5 | 288 |
| 3.6 ,, | 16 | 05.7 | 04.9 | 265 | 23 | 04.9 | 03.3 | 231 | 20 | 05.5 | 03.9 | 240 | 09 | 04.0 | 03.3 | 235 | 10 | 05.1 | 04.1 | 271 | 30 | 06.3 | 05.5 | 281 |
| 4.5 ,, | 05 | 06.0 | 05.0 | 283 | 18 | 05.7 | 05.0 | 232 | 13 | 05.0 | 04.3 | 246 | 02 | 04.0 | 03.9 | 236 | 02 | 13.0 | 12.9 | 260 | 29 | 08.6 | 08.0 | 277 |
| 5.4 ,, | | | | | 12 | 05.6 | 04.6 | 240 | 08 | 04.2 | 03.5 | 238 | | | | | | | | | 29 | 11.8 | 11.1 | 274 |
| 6.0 ,, | | | | | 08 | 05.0 | 04.5 | 227 | 05 | 03.0 | 02.0 | 243 | | | | | | | | | 29 | 13.8 | 13.1 | 273 |
| 7.2 ,, | | | | | 05 | 05.6 | 05.2 | 218 | 03 | 04.3 | 04.1 | 270 | | | | | | | | | 27 | 17.4 | 16.5 | 268 |
| 9.0 ,, | | | | | 02 | 10.5 | 10.3 | 238 | 01 | 08.0 | 08.0 | 265 | | | | | | | | | 08 | 23.9 | 22.8 | 254 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | BHUJ/RUDRAMATA | | | | BIKANER | | | | | | | | | | | | BOMBAY/SANTACRUZ | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 03.0 | 02.6 | 354 | 30 | 00.2 | 00.1 | 045 | 30 | 00.9 | 00.8 | 031 | 30 | 00.9 | 00.8 | 028 | 30 | 00.5 | 00.5 | 045 | 30 | 01.8 | 01.6 | 087 |
| .15 A.G.L. | 30 | 07.9 | 07.4 | 359 | 30 | 06.9 | 05.9 | 087 | 30 | 03.8 | 03.3 | 027 | 30 | 09.3 | 08.7 | 039 | 30 | 04.7 | 03.4 | 052 | 30 | 03.4 | 02.9 | 087 |
| .3A.M.S.L. | 30 | 08.2 | 07.8 | 003 | 30 | 05.5 | 04.7 | 089 | 30 | 03.1 | 02.9 | 027 | 30 | 07.6 | 07.1 | 039 | 30 | 04.6 | 03.5 | 058 | 30 | 03.5 | 02.9 | 091 |
| .6 ,, | 30 | 08.0 | 07.6 | 013 | 30 | 06.9 | 05.7 | 077 | 30 | 04.1 | 03.8 | 029 | 30 | 08.6 | 07.6 | 043 | 30 | 05.0 | 03.4 | 081 | 30 | 04.3 | 03.5 | 096 |
| .9 ,, | 30 | 06.7 | 06.3 | 023 | 30 | 05.0 | 03.5 | 068 | 30 | 03.9 | 03.4 | 033 | 30 | 07.4 | 06.1 | 043 | 30 | 05.6 | 03.6 | 083 | 30 | 05.3 | 04.3 | 100 |
| .5 ,, | 30 | 05.2 | 03.0 | 031 | 30 | 04.1 | 01.3 | 025 | 30 | 03.6 | 02.7 | 032 | 30 | 04.9 | 02.5 | 117 | 30 | 04.7 | 03.1 | 093 | 29 | 05.6 | 03.6 | 099 |
| .1 ,, | 30 | 05.3 | 00.8 | 232 | 30 | 04.0 | 01.6 | 289 | 30 | 03.8 | 00.5 | 011 | 29 | 05.8 | 00.5 | 223 | 30 | 04.7 | 02.0 | 107 | 27 | 05.2 | 02.3 | 114 |
| .0 ,, | 30 | 05.1 | 03.2 | 256 | 30 | 06.4 | 04.8 | 252 | 28 | 05.9 | 03.9 | 259 | 28 | 07.2 | 04.1 | 266 | 30 | 04.4 | 01.3 | 121 | 26 | 04.5 | 01.6 | 124 |
| .6 ,, | 24 | 05.4 | 04.5 | 269 | 29 | 08.1 | 04.1 | 253 | 27 | 08.1 | 06.5 | 261 | 22 | 03.1 | 02.6 | 263 | 30 | 04.3 | 00.9 | 101 | 24 | 04.1 | 01.5 | 066 |
| .5 ,, | 08 | 07.6 | 07.0 | 256 | 26 | 11.9 | 11.1 | 262 | 26 | 12.4 | 11.0 | 269 | 01 | 13.0 | 13.0 | 295 | 30 | 04.3 | 01.4 | 326 | 22 | 04.7 | 01.2 | 010 |
| .4 ,, | 02 | 11.0 | 10.8 | 245 | 26 | 16.7 | 15.8 | 262 | 26 | 16.3 | 15.4 | 267 | | | | | 30 | 05.7 | 03.9 | 303 | 20 | 04.8 | 02.0 | 283 |
| .0 ,, | 01 | 08.0 | 08.0 | 265 | 26 | 20.0 | 19.2 | 262 | 26 | 20.1 | 19.4 | 264 | | | | | 30 | 06.1 | 04.7 | 281 | 20 | 05.7 | 03.8 | 265 |
| .2 ,, | | | | | 19 | 27.4 | 26.3 | 268 | 06 | 27.8 | 26.6 | 257 | | | | | 30 | 07.4 | 06.2 | 266 | 19 | 08.1 | 07.3 | 244 |
| .0 ,, | | | | | 02 | 47.5 | 42.7 | 253 | 01 | 63.0 | 63.0 | 270 | | | | | 30 | 09.5 | 08.8 | 247 | 19 | 12.5 | 11.6 | 238 |

| STATION | BOMBAY/SANTACRUZ | | | | | | | | CALCUTTA/DUM DUM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 04.1 | 03.7 | 320 | 30 | 01.1 | 01.0 | 013 | 30 | 00.4 | 00.3 | 034 | 30 | 01.1 | 00.4 | 042 | 30 | 00.2 | 00.1 | 065 | 30 | 00.4 | 00.3 | 051 |
| .15 A.G.L. | 30 | 06.2 | 05.4 | 329 | 30 | 04.8 | 04.1 | 009 | 30 | 04.2 | 02.7 | 032 | 30 | 02.7 | 01.4 | 019 | 30 | 03.3 | 01.9 | 355 | 29 | 04.5 | 02.6 | 043 |
| .3A.M.S.L. | 30 | 05.7 | 04.9 | 331 | 30 | 05.4 | 04.6 | 008 | 30 | 04.0 | 02.7 | 032 | 30 | 03.0 | 01.7 | 029 | 30 | 03.3 | 02.0 | 003 | 29 | 04.2 | 02.2 | 048 |
| .6 ,, | 30 | 04.5 | 03.1 | 348 | 30 | 05.3 | 04.5 | 017 | 30 | 04.0 | 02.4 | 023 | 30 | 03.5 | 01.9 | 088 | 30 | 03.9 | 02.3 | 011 | 29 | 03.5 | 01.7 | 036 |
| .9 ,, | 30 | 03.8 | 01.8 | 041 | 30 | 04.9 | 04.0 | 030 | 30 | 04.5 | 02.3 | 008 | 27 | 03.9 | 02.7 | 350 | 30 | 04.2 | 02.5 | 011 | 29 | 04.0 | 01.9 | 008 |
| .5 ,, | 30 | 04.7 | 02.9 | 093 | 30 | 05.3 | 03.4 | 085 | 30 | 05.7 | 02.8 | 326 | 26 | 05.8 | 04.4 | 336 | 30 | 05.6 | 02.9 | 342 | 29 | 05.7 | 03.7 | 323 |
| .1 ,, | 30 | 06.3 | 04.6 | 108 | 29 | 06.2 | 04.3 | 105 | 30 | 06.7 | 03.6 | 302 | 24 | 07.2 | 05.1 | 311 | 30 | 07.0 | 04.4 | 314 | 28 | 07.1 | 05.0 | 299 |
| .0 ,, | 30 | 05.2 | 02.8 | 087 | 27 | 05.0 | 02.6 | 109 | 30 | 07.6 | 05.9 | 262 | 23 | 09.0 | 06.8 | 269 | 30 | 07.8 | 06.4 | 274 | 28 | 07.9 | 06.1 | 279 |
| .6 ,, | 30 | 04.9 | 01.6 | 077 | 15 | 04.7 | 04.7 | 289 | 30 | 09.2 | 07.9 | 254 | 20 | 09.7 | 08.8 | 264 | 30 | 09.0 | 08.1 | 264 | 04 | 08.2 | 07.7 | 247 |
| .5 ,, | 30 | 04.8 | 01.7 | 330 | 07 | 04.4 | 03.2 | 265 | 30 | 10.1 | 09.2 | 252 | 15 | 12.4 | 11.9 | 261 | 30 | 10.5 | 09.9 | 257 | | | | |
| .4 ,, | 30 | 04.8 | 02.7 | 302 | 01 | 06.0 | 06.0 | 220 | 30 | 10.8 | 09.8 | 251 | 14 | 11.6 | 11.4 | 259 | 30 | 10.6 | 10.1 | 254 | | | | |
| .0 ,, | 29 | 05.7 | 03.7 | 291 | | | | | 30 | 10.7 | 09.8 | 253 | 12 | 12.5 | 12.1 | 259 | 30 | 11.6 | 10.1 | 253 | | | | |
| .2 ,, | 29 | 07.0 | 05.7 | 267 | | | | | 30 | 12.2 | 11.4 | 259 | 11 | 14.0 | 13.2 | 262 | 30 | 12.9 | 11.9 | 258 | | | | |
| .0 ,, | 29 | 09.8 | 08.2 | 249 | | | | | 30 | 14.2 | 13.5 | 253 | 07 | 14.7 | 14.0 | 254 | 30 | 14.5 | 13.9 | 258 | | | | |

| STATION | COCHIN/WILLINGDON + | | | | | | | | | | | | DEHRADUN | | | | | | | | DIBRUGARH/MOHANBARI | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 01.6 | 00.6 | 085 | 30 | 03.5 | 02.2 | 273 | 30 | 01.1 | 00.4 | 110 | 30 | 00.1 | 00.1 | 045 | 30 | 00.4 | 00.4 | 268 | 30 | 00.7 | 00.6 | 044 |
| .15 A.G.L. | 28 | 03.5 | 01.0 | 078 | 28 | 04.7 | 03.4 | 285 | 26 | 02.5 | 00.3 | 049 | 29 | 01.4 | 00.9 | 090 | 30 | 02.0 | 01.5 | 272 | 27 | 03.5 | 03.1 | 055 |
| .3A.M.S.L. | 28 | 03.6 | 00.6 | 338 | 28 | 05.0 | 03.7 | 282 | 26 | 03.7 | 01.0 | 289 | | | | | | | | | 27 | 03.4 | 03.1 | 052 |
| .6 ,, | 28 | 04.1 | 01.4 | 299 | 28 | 04.4 | 03.0 | 277 | 26 | 04.2 | 01.5 | 295 | | | | | | | | | 27 | 02.7 | 02.5 | 043 |
| .9 ,, | 28 | 03.8 | 00.4 | 292 | 28 | 04.0 | 01.7 | 292 | 26 | 04.7 | 01.0 | 274 | 29 | 01.4 | 01.0 | 118 | 30 | 02.0 | 01.5 | 275 | 27 | 02.9 | 02.7 | 055 |
| .5 ,, | 27 | 04.4 | 00.9 | 134 | 24 | 04.0 | 00.8 | 064 | 25 | 04.2 | 00.6 | 076 | 29 | 03.5 | 01.5 | 127 | 30 | 02.1 | 00.6 | 255 | 26 | 02.6 | 01.2 | 105 |
| .1 ,, | 25 | 04.8 | 01.7 | 120 | 22 | 05.2 | 01.6 | 076 | 20 | 05.0 | 00.9 | 084 | 29 | 03.6 | 02.4 | 141 | 30 | 03.5 | 01.4 | 147 | 25 | 02.5 | 01.3 | 202 |
| .0 ,, | 15 | 04.8 | 01.2 | 243 | 19 | 05.9 | 00.4 | 073 | 06 | 04.7 | 01.1 | 035 | 29 | 05.0 | 03.0 | 169 | 30 | 05.1 | 02.8 | 145 | 23 | 03.7 | 02.7 | 219 |
| .6 ,, | 10 | 06.2 | 01.9 | 240 | 15 | 06.0 | 01.4 | 333 | 02 | 07.5 | 06.1 | 339 | 28 | 06.5 | 04.2 | 229 | 30 | 04.8 | 01.9 | 189 | 20 | 05.0 | 04.2 | 246 |
| .5 ,, | 02 | 08.5 | 03.0 | 336 | 11 | 04.6 | 01.2 | 168 | | | | | 27 | 10.2 | 09.4 | 253 | 30 | 08.0 | 06.4 | 250 | 14 | 13.5 | 12.8 | 262 |
| .4 ,, | | | | | 09 | 06.1 | 01.3 | 070 | | | | | 26 | 15.8 | 14.6 | 257 | 28 | 14.3 | 13.1 | 260 | 07 | 21.7 | 21.2 | 265 |
| .0 ,, | | | | | 08 | 08.1 | 03.3 | 071 | | | | | 25 | 19.9 | 19.1 | 260 | 26 | 18.8 | 18.5 | 261 | 04 | 26.3 | 26.1 | 273 |
| .2 ,, | | | | | 02 | 04.0 | 03.4 | 210 | | | | | 21 | 26.1 | 25.6 | 258 | 20 | 25.9 | 25.2 | 263 | 04 | 28.5 | 28.0 | 275 |
| .0 ,, | | | | | 01 | 05.0 | 05.0 | 186 | | | | | 04 | 35.2 | 35.0 | 267 | 03 | 36.0 | 36.0 | 270 | 03 | 36.0 | 35.9 | 268 |

| STATION | DIBRUGARH/MOHANBARI | | | | | | | | | | | | GADAG | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 01.0 | 00.8 | 056 | 30 | 00.4 | 00.3 | 037 | 30 | 00.7 | 00.3 | 155 | 30 | 03.2 | 01.8 | 081 | 30 | 03.9 | 02.6 | 090 | 30 | 04.6 | 01.4 | 099 |
| .15 A.G.L. | 29 | 02.0 | 01.2 | 049 | 30 | 02.4 | 01.6 | 043 | 29 | 02.4 | 01.9 | 042 | 24 | 07.4 | 03.5 | 075 | 28 | 07.2 | 04.3 | 082 | 26 | 09.7 | 04.7 | 086 |
| .3A.M.S.L. | 29 | 02.0 | 01.5 | 056 | 30 | 02.3 | 01.6 | 052 | 29 | 02.2 | 01.5 | 030 | | | | | | | | | | | | |
| .6 ,, | 29 | 01.8 | 01.4 | 043 | 30 | 02.3 | 01.5 | 055 | 29 | 01.9 | 01.4 | 048 | | | | | | | | | | | | |
| .9 ,, | 29 | 01.8 | 01.4 | 038 | 30 | 02.2 | 01.5 | 057 | 29 | 02.2 | 01.4 | 066 | 24 | 08.8 | 05.4 | 079 | 28 | 07.2 | 04.6 | 080 | 26 | 10.1 | 05.4 | 085 |
| .5 ,, | 27 | 02.2 | 00.5 | 022 | 29 | 02.4 | 00.4 | 137 | 27 | 02.2 | 00.9 | 118 | 24 | 09.8 | 07.1 | 084 | 28 | 07.6 | 04.7 | 089 | 25 | 08.9 | 06.1 | 080 |
| .1 ,, | 27 | 02.4 | 00.9 | 207 | 29 | 03.5 | 02.4 | 195 | 26 | 02.9 | 02.1 | 220 | 22 | 08.5 | 05.0 | 076 | 26 | 07.6 | 04.5 | 086 | 23 | 07.2 | 04.4 | 067 |
| .0 ,, | 25 | 03.9 | 02.6 | 207 | 26 | 05.0 | 04.4 | 204 | 24 | 05.4 | 05.0 | 230 | 19 | 06.4 | 04.6 | 079 | 20 | 06.7 | 02.8 | 086 | 23 | 07.1 | 04.1 | 067 |
| .6 ,, | 23 | 05.4 | 03.7 | 242 | 23 | 06.8 | 05.7 | 219 | 18 | 07.1 | 07.0 | 252 | 19 | 06.4 | 04.9 | 073 | 17 | 06.0 | 02.5 | 072 | 20 | 06.0 | 02.9 | 077 |
| .5 ,, | 18 | 11.3 | 10.4 | 255 | 19 | 11.2 | 09.8 | 256 | 03 | 14.3 | 14.0 | 252 | 16 | 05.4 | 03.0 | 064 | 15 | 05.3 | 03.3 | 050 | 17 | 05.8 | 02.4 | 060 |
| .4 ,, | 14 | 17.5 | 17.4 | 264 | 17 | 17.1 | 16.2 | 260 | | | | | 16 | 07.1 | 04.3 | 051 | 12 | 06.3 | 02.7 | 055 | 11 | 04.8 | 01.9 | 053 |
| .0 ,, | 11 | 22.1 | 22.0 | 266 | 13 | 21.8 | 21.5 | 264 | | | | | 14 | 06.9 | 03.6 | 043 | 11 | 06.8 | 03.3 | 065 | 08 | 03.0 | 02.0 | 335 |
| .2 ,, | 10 | 29.3 | 28.9 | 270 | 07 | 26.0 | 25.5 | 271 | | | | | 13 | 06.6 | 03.2 | 073 | 10 | 06.2 | 01.9 | 069 | 02 | 03.5 | 03.1 | 241 |
| .0 ,, | 09 | 39.1 | 35.9 | 271 | | | | | | | | | 11 | 05.5 | 01.4 | 135 | 08 | 04.5 | 01.3 | 135 | 02 | 05.0 | 04.7 | 228 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | GANGTOK | | | | | | | | GAUHATI | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.5 | 00.2 | 036 | 30 | 01.3 | 00.8 | 145 | 29 | 00.2 | 00.0 | 045 | 30 | 01.2 | 01.0 | 055 | 30 | 00.3 | 00.2 | 081 | 30 | 01.0 | 00.7 | 213 |
| .15 A.G.L. | 28 | 01.4 | 00.3 | 056 | 26 | 02.4 | 01.5 | 154 | 29 | 01.8 | 00.8 | 258 | 29 | 01.9 | 01.5 | 037 | 30 | 02.6 | 01.2 | 064 | 28 | 02.4 | 01.5 | 208 |
| .3A.M.S.L. | | | | | | | | | 29 | 01.8 | 00.9 | 100 | 29 | 02.1 | 01.6 | 047 | 30 | 02.6 | 01.2 | 064 | 28 | 02.5 | 00.6 | 254 |
| .6 ,, | | | | | | | | | 29 | 02.5 | 01.3 | 087 | 29 | 02.8 | 02.1 | 078 | 30 | 02.2 | 01.0 | 070 | 28 | 02.7 | 00.5 | 025 |
| .9 ,, | | | | | | | | | 29 | 03.3 | 01.9 | 280 | 29 | 03.1 | 02.0 | 100 | 30 | 02.4 | 00.6 | 098 | 28 | 02.8 | 00.6 | 015 |
| 1.5 ,, | | | | | | | | | 29 | 03.7 | 01.7 | 092 | 27 | 04.0 | 01.3 | 142 | 30 | 03.3 | 02.0 | 235 | 27 | 03.6 | 00.9 | 248 |
| 2.1 ,, | 28 | 01.2 | 00.7 | 133 | 26 | 02.1 | 01.5 | 169 | 29 | 03.8 | 01.3 | 248 | 27 | 04.5 | 01.8 | 243 | 30 | 04.5 | 03.4 | 243 | 23 | 04.6 | 02.9 | 244 |
| 3.0 ,, | 27 | 02.2 | 01.7 | 143 | 24 | 01.4 | 00.7 | 143 | 29 | 05.9 | 05.1 | 260 | 24 | 07.0 | 06.2 | 263 | 30 | 06.7 | 05.5 | 268 | 19 | 06.4 | 05.8 | 264 |
| 3.6 ,, | 24 | 03.0 | 01.4 | 206 | 20 | 02.6 | 01.9 | 263 | 29 | 09.0 | 08.7 | 267 | 22 | 12.0 | 11.6 | 264 | 30 | 10.2 | 09.5 | 270 | 01 | 15.0 | 15.0 | 260 |
| 4.5 ,, | 17 | 11.1 | 10.9 | 251 | 11 | 10.8 | 10.4 | 255 | 29 | 14.6 | 14.4 | 266 | 18 | 19.0 | 18.4 | 259 | 30 | 15.8 | 15.7 | 270 | | | | |
| 5.4 ,, | 16 | 18.9 | 18.8 | 254 | 06 | 19.7 | 19.6 | 254 | 29 | 18.5 | 18.1 | 265 | 13 | 22.5 | 22.3 | 265 | 30 | 18.8 | 18.6 | 270 | | | | |
| 6.0 ,, | 13 | 22.5 | 22.1 | 254 | 05 | 19.6 | 19.5 | 252 | 29 | 20.8 | 20.4 | 267 | 12 | 25.6 | 25.3 | 261 | 30 | 19.8 | 19.6 | 267 | | | | |
| 7.2 ,, | 06 | 27.2 | 26.5 | 248 | 02 | 23.5 | 23.3 | 250 | 29 | 22.7 | 22.3 | 267 | 06 | 29.3 | 28.8 | 267 | 30 | 22.8 | 22.1 | 265 | | | | |
| 9.0 ,, | 01 | 27.0 | 27.0 | 250 | | | | | 29 | 25.4 | 25.0 | 265 | 03 | 31.7 | 31.5 | 260 | 30 | 26.1 | 25.8 | 264 | | | | |

| STATION | GAYA | | | | | | | | | | | | GOA/DABOLIM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.1 | 00.3 | 197 | 30 | 02.6 | 01.9 | 336 | 30 | 01.3 | 00.4 | 090 | 30 | 03.1 | 01.6 | 081 | 30 | 05.0 | 02.0 | 305 | 30 | 03.8 | 01.8 | 039 |
| .15 A.G.L. | 27 | 03.4 | 00.6 | 282 | 29 | 04.6 | 03.5 | 336 | 29 | 04.4 | 02.1 | 005 | | | | | | | | | | | | |
| .3A.M.S.L. | 27 | 03.7 | 00.9 | 338 | 29 | 04.8 | 03.7 | 337 | 29 | 04.6 | 02.3 | 360 | 25 | 05.2 | 03.7 | 055 | 27 | 04.6 | 02.2 | 303 | 25 | 05.0 | 03.3 | 350 |
| .6 ,, | 27 | 04.1 | 02.3 | 352 | 28 | 04.7 | 03.6 | 328 | 29 | 04.5 | 02.1 | 354 | 25 | 07.0 | 05.8 | 068 | 27 | 04.2 | 01.4 | 020 | 25 | 05.8 | 03.4 | 346 |
| .9 ,, | 27 | 04.6 | 02.9 | 337 | 28 | 04.6 | 03.5 | 321 | 29 | 04.8 | 02.4 | 326 | 25 | 07.7 | 06.3 | 082 | 25 | 04.2 | 02.8 | 067 | 25 | 04.8 | 01.2 | 042 |
| 1.5 ,, | 26 | 06.9 | 04.7 | 295 | 28 | 05.4 | 03.9 | 287 | 28 | 06.5 | 04.1 | 283 | 24 | 07.1 | 05.6 | 098 | 24 | 07.0 | 05.8 | 075 | 22 | 07.0 | 04.5 | 085 |
| 2.1 ,, | 26 | 08.4 | 06.3 | 291 | 28 | 07.2 | 05.6 | 287 | 27 | 07.2 | 05.4 | 275 | 20 | 06.9 | 04.9 | 082 | 22 | 08.2 | 06.3 | 074 | 18 | 07.2 | 04.9 | 078 |
| 3.0 ,, | 22 | 09.0 | 07.8 | 282 | 28 | 09.3 | 08.5 | 281 | 21 | 07.5 | 06.0 | 283 | 01 | 05.0 | 05.0 | 059 | 15 | 05.3 | 03.5 | 064 | 07 | 06.9 | 04.9 | 085 |
| 3.6 ,, | 22 | 09.9 | 08.9 | 280 | 26 | 10.3 | 08.5 | 272 | 06 | 08.0 | 07.5 | 278 | 01 | 06.0 | 06.0 | 156 | 11 | 05.8 | 02.4 | 059 | 01 | 03.0 | 03.0 | 276 |
| 4.5 ,, | 19 | 09.8 | 09.0 | 272 | 23 | 12.1 | 09.3 | 268 | 03 | 08.0 | 07.2 | 265 | | | | | 10 | 03.6 | 02.6 | 018 | | | | |
| 5.4 ,, | 15 | 13.1 | 12.9 | 263 | 17 | 13.0 | 12.2 | 265 | 01 | 08.0 | 08.0 | 260 | | | | | 05 | 04.4 | 04.3 | 307 | | | | |
| 6.0 ,, | 14 | 15.3 | 15.1 | 266 | 14 | 15.1 | 14.2 | 265 | | | | | | | | | 04 | 03.3 | 03.1 | 291 | | | | |
| 7.2 ,, | 05 | 15.4 | 15.2 | 257 | 05 | 22.2 | 20.8 | 260 | | | | | | | | | 02 | 04.5 | 04.2 | 251 | | | | |
| 9.0 ,, | | | | | | | | | | | | | | | | | 01 | 03.0 | 03.0 | 187 | | | | |

| STATION | GOPALPUR | | | | | | | | | | | | GORAKHPUR | | | | | | | | GWALIOR | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 0530 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 02.2 | 338 | 30 | 03.0 | 01.7 | 074 | 30 | 02.0 | 00.0 | 315 | 30 | 00.6 | 00.1 | 355 | 30 | 00.6 | 00.6 | 267 | 30 | 00.3 | 00.1 | 149 |
| .15 A.G.L. | 26 | 04.5 | 03.5 | 341 | 25 | 04.1 | 03.2 | 096 | 26 | 03.3 | 01.5 | 102 | 27 | 04.5 | 01.5 | 310 | 28 | 03.0 | 01.9 | 283 | 29 | 05.1 | 03.9 | 058 |
| .3A.M.S.L. | 26 | 03.7 | 02.0 | 049 | 25 | 04.0 | 03.3 | 080 | 26 | 03.5 | 02.1 | 100 | 27 | 05.2 | 02.2 | 305 | 28 | 03.5 | 02.4 | 286 | 29 | 03.5 | 02.2 | 054 |
| .6 ,, | 26 | 04.2 | 02.9 | 074 | 25 | 04.8 | 04.0 | 070 | 26 | 04.5 | 03.5 | 090 | 27 | 06.0 | 03.8 | 300 | 28 | 04.6 | 03.4 | 286 | 29 | 05.2 | 03.2 | 062 |
| .9 ,, | 26 | 05.1 | 04.0 | 083 | 25 | 05.3 | 04.1 | 057 | 26 | 05.1 | 04.1 | 085 | 27 | 05.9 | 03.6 | 305 | 28 | 05.3 | 04.2 | 284 | 29 | 04.2 | 00.5 | 019 |
| 1.5 ,, | 25 | 06.2 | 04.9 | 081 | 23 | 04.9 | 03.1 | 062 | 24 | 04.5 | 03.4 | 079 | 26 | 07.0 | 05.4 | 304 | 28 | 06.3 | 05.1 | 291 | 27 | 04.9 | 02.8 | 259 |
| 2.1 ,, | 21 | 04.1 | 01.9 | 101 | 21 | 03.3 | 01.5 | 166 | 16 | 03.1 | 01.3 | 078 | 25 | 08.2 | 06.3 | 290 | 28 | 07.7 | 06.7 | 300 | 27 | 06.1 | 04.8 | 264 |
| 3.0 ,, | 14 | 04.2 | 01.8 | 206 | 16 | 03.7 | 00.9 | 251 | 11 | 03.5 | 01.6 | 205 | 24 | 09.5 | 08.1 | 290 | 28 | 07.7 | 07.1 | 300 | 26 | 06.9 | 05.5 | 267 |
| 3.6 ,, | 12 | 04.6 | 02.0 | 218 | 15 | 04.6 | 01.9 | 243 | | | | | 19 | 09.8 | 08.8 | 280 | 24 | 09.3 | 08.4 | 288 | 26 | 11.3 | 08.0 | 268 |
| 4.5 ,, | 08 | 03.9 | 02.0 | 219 | 08 | 03.5 | 01.7 | 220 | | | | | 15 | 09.0 | 08.3 | 273 | 18 | 11.3 | 10.9 | 275 | 20 | 10.7 | 10.3 | 267 |
| 5.4 ,, | 06 | 05.7 | 03.9 | 223 | 05 | 04.4 | 03.0 | 203 | | | | | 10 | 13.1 | 12.8 | 269 | 14 | 13.2 | 12.7 | 271 | 18 | 16.0 | 15.4 | 262 |
| 6.0 ,, | 05 | 06.0 | 03.0 | 213 | 04 | 04.7 | 03.7 | 202 | | | | | 08 | 15.1 | 14.9 | 269 | 12 | 14.6 | 14.1 | 275 | 16 | 18.1 | 17.4 | 262 |
| 7.2 ,, | 01 | 04.0 | 04.0 | 267 | | | | | | | | | 02 | 22.5 | 22.2 | 254 | 03 | 18.3 | 18.3 | 268 | 15 | 23.0 | 22.5 | 263 |
| 9.0 ,, | | | | | | | | | | | | | 01 | 36.0 | 36.0 | 257 | 01 | 30.0 | 30.0 | 265 | 06 | 36.2 | 34.5 | 253 |

| STATION | GWALIOR | | | | | | | | | | | | IMPHAL/TULIHAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1130 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.3 | 00.5 | 077 | 30 | 01.2 | 00.7 | 036 | 30 | 00.6 | 00.3 | 184 | 30 | 00.5 | 00.3 | 048 | 30 | 00.6 | 00.2 | 148 | 30 | 01.7 | 01.5 | 287 |
| .15 A.G.L. | 30 | 02.7 | 01.5 | 074 | 30 | 03.5 | 02.2 | 025 | 30 | 05.7 | 03.0 | 057 | 26 | 02.0 | 01.4 | 061 | 30 | 01.5 | 00.5 | 187 | 30 | 03.2 | 02.3 | 269 |
| .3A.M.S.L. | 30 | 02.6 | 01.3 | 071 | 30 | 03.0 | 02.0 | 028 | 30 | 05.1 | 02.4 | 060 | | | | | | | | | | | | |
| .6 ,, | 30 | 02.8 | 01.5 | 080 | 30 | 03.4 | 02.0 | 027 | 30 | 05.2 | 02.1 | 054 | | | | | | | | | | | | |
| .9 ,, | 29 | 03.3 | 01.0 | 129 | 30 | 03.3 | 01.7 | 025 | 30 | 04.5 | 01.2 | 085 | 26 | 01.9 | 01.4 | 058 | 30 | 01.5 | 00.5 | 183 | 30 | 03.3 | 02.4 | 268 |
| 1.5 ,, | 28 | 04.7 | 02.3 | 252 | 29 | 03.2 | 00.9 | 178 | 30 | 04.7 | 01.9 | 230 | 26 | 02.0 | 00.3 | 240 | 30 | 02.4 | 01.2 | 199 | 30 | 02.4 | 01.8 | 242 |
| 2.1 ,, | 28 | 06.5 | 04.3 | 258 | 27 | 05.4 | 04.4 | 176 | 29 | 05.7 | 04.5 | 257 | 24 | 04.3 | 03.2 | 233 | 29 | 04.6 | 03.4 | 240 | 29 | 04.9 | 04.5 | 239 |
| 3.0 ,, | 26 | 08.0 | 06.8 | 267 | 26 | 08.6 | 07.6 | 273 | 27 | 07.0 | 05.7 | 266 | 19 | 10.1 | 09.7 | 258 | 24 | 08.3 | 07.8 | 251 | 27 | 09.7 | 09.5 | 253 |
| 3.6 ,, | 25 | 09.3 | 08.6 | 265 | 25 | 10.0 | 09.3 | 269 | 16 | 07.6 | 06.7 | 270 | 16 | 12.4 | 12.2 | 262 | 21 | 11.6 | 11.3 | 255 | 24 | 12.9 | 12.8 | 262 |
| 4.5 ,, | 22 | 12.5 | 11.9 | 261 | 23 | 11.7 | 11.0 | 268 | 05 | 10.8 | 09.2 | 277 | 07 | 16.7 | 16.6 | 266 | 15 | 15.6 | 15.5 | 265 | 20 | 16.2 | 15.9 | 270 |
| 5.4 ,, | 22 | 16.2 | 11.3 | 259 | 23 | 15.5 | 15.1 | 266 | | | | | 03 | 21.7 | 21.7 | 270 | 07 | 21.0 | 20.9 | 271 | 15 | 17.7 | 17.2 | 266 |
| 6.0 ,, | 20 | 18.7 | 18.2 | 258 | 21 | 18.1 | 18.0 | 264 | | | | | 03 | 25.0 | 25.0 | 275 | 04 | 19.3 | 18.5 | 275 | 12 | 18.5 | 18.4 | 269 |
| 7.2 ,, | 17 | 24.3 | 24.2 | 256 | 17 | 25.8 | 24.7 | 262 | | | | | | | | | 02 | 23.0 | 23.0 | 264 | 09 | 19.8 | 19.7 | 267 |
| 9.0 ,, | 06 | 32.1 | 32.0 | 252 | 06 | 35.3 | 35.1 | 258 | | | | | | | | | 02 | 23.0 | 23.0 | 255 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | IMPHAL/TULIHAL | | | | JABALPUR | | | | | | | | | | | | JAGDALPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 00.9 | 00.7 | 037 | 30 | 00.6 | 00.2 | 120 | 30 | 01.4 | 00.9 | 030 | 30 | 00.9 | 00.5 | 085 | 30 | 00.2 | 00.1 | 338 | 30 | 01.1 | 00.5 | 050 |
| .15 A.G.L. | 30 | 02.1 | 00.8 | 039 | 26 | 04.5 | 02.7 | 108 | 28 | 04.3 | 03.0 | 329 | 29 | 06.4 | 04.3 | 080 | 29 | 03.7 | 02.5 | 067 | 28 | 04.7 | 02.1 | 080 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | | | | | 26 | 05.2 | 02.9 | 109 | 28 | 04.5 | 03.0 | 031 | 29 | 06.9 | 04.5 | 081 | 29 | 02.2 | 01.6 | 084 | 28 | 03.0 | 01.6 | 063 |
| .9 ,, | 30 | 02.3 | 01.0 | 034 | 26 | 06.3 | 02.9 | 103 | 28 | 04.5 | 03.0 | 035 | 29 | 05.9 | 03.9 | 080 | 29 | 05.3 | 03.4 | 074 | 28 | 05.2 | 03.3 | 059 |
| .5 ,, | 30 | 02.4 | 01.3 | 214 | 25 | 05.3 | 01.5 | 082 | 28 | 04.5 | 02.0 | 016 | 29 | 04.6 | 01.8 | 075 | 27 | 06.2 | 04.9 | 069 | 28 | 04.6 | 03.3 | 067 |
| .1 ,, | 26 | 04.6 | 03.7 | 238 | 24 | 05.2 | 01.8 | 319 | 28 | 04.1 | 02.0 | 337 | 29 | 04.7 | 01.3 | 294 | 25 | 05.2 | 03.7 | 071 | 27 | 04.3 | 02.7 | 088 |
| .0 ,, | 22 | 08.3 | 06.9 | 260 | 22 | 05.7 | 04.0 | 300 | 27 | 05.6 | 04.0 | 273 | 26 | 06.5 | 04.8 | 261 | 19 | 04.8 | 02.0 | 128 | 21 | 04.7 | 01.1 | 123 |
| .6 ,, | 16 | 12.9 | 12.5 | 271 | 22 | 06.9 | 05.1 | 281 | 25 | 07.2 | 05.8 | 273 | 23 | 07.4 | 06.2 | 274 | 17 | 05.5 | 02.1 | 169 | 20 | 04.6 | 01.4 | 203 |
| .5 ,, | 05 | 15.4 | 15.1 | 279 | 19 | 08.3 | 07.5 | 263 | 23 | 09.0 | 08.0 | 267 | 15 | 07.7 | 07.3 | 270 | 17 | 05.2 | 03.1 | 184 | 13 | 04.1 | 01.4 | 216 |
| .4 ,, | | | | | 19 | 09.9 | 09.4 | 263 | 21 | 10.5 | 10.2 | 265 | 10 | 09.8 | 09.4 | 265 | 15 | 04.8 | 02.5 | 175 | 08 | 05.0 | 01.5 | 248 |
| .0 ,, | | | | | 17 | 12.1 | 11.8 | 263 | 21 | 13.2 | 12.3 | 266 | 07 | 10.1 | 10.1 | 256 | 13 | 04.9 | 02.6 | 198 | 07 | 05.4 | 01.9 | 246 |
| .2 ,, | | | | | 14 | 15.6 | 15.3 | 259 | 20 | 16.4 | 15.9 | 264 | | | | | 11 | 04.8 | 02.8 | 197 | 05 | 05.4 | 03.1 | 237 |
| .0 ,, | | | | | 09 | 19.8 | 19.6 | 252 | 20 | 22.1 | 22.0 | 248 | | | | | 06 | 04.7 | 03.4 | 237 | 02 | 05.0 | 02.5 | 229 |

| STATION | JAGDALPUR | | | | JAIPUR/SANGANER | | | | | | | | | | | | JAMSHEDPUR | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 00.4 | 00.3 | 021 | 30 | 01.4 | 01.3 | 078 | 30 | 01.2 | 00.4 | 049 | 30 | 01.5 | 01.2 | 070 | 30 | 00.6 | 00.3 | 001 | 30 | 00.8 | 00.7 | 072 |
| .15 A.G.L. | 29 | 04.7 | 03.5 | 084 | 30 | 06.5 | 06.0 | 080 | 30 | 03.2 | 00.8 | 046 | 29 | 07.1 | 05.8 | 063 | 29 | 02.8 | 01.4 | 327 | 29 | 02.3 | 01.2 | 060 |
| .3A.M.S.L. | | | | | | | | | | | | | | | | | 29 | 02.9 | 01.1 | 340 | 29 | 02.3 | 01.3 | 057 |
| .6 ,, | 29 | 03.1 | 02.3 | 082 | 30 | 06.8 | 06.0 | 088 | 30 | 03.3 | 00.8 | 045 | 29 | 07.2 | 05.8 | 068 | 29 | 03.4 | 01.1 | 042 | 29 | 02.2 | 01.1 | 039 |
| .9 ,, | 29 | 05.4 | 04.0 | 085 | 30 | 06.3 | 03.8 | 107 | 30 | 03.4 | 00.8 | 043 | 29 | 05.6 | 04.0 | 081 | 28 | 03.6 | 00.9 | 028 | 29 | 02.7 | 01.2 | 020 |
| .5 ,, | 29 | 04.9 | 02.5 | 072 | 29 | 04.6 | 01.7 | 235 | 30 | 03.3 | 00.5 | 034 | 28 | 03.3 | 01.3 | 195 | 28 | 05.0 | 02.1 | 328 | 28 | 04.1 | 02.3 | 330 |
| .1 ,, | 26 | 04.4 | 02.4 | 084 | 28 | 06.1 | 04.6 | 258 | 30 | 03.7 | 01.8 | 281 | 28 | 04.9 | 04.0 | 234 | 25 | 05.8 | 03.9 | 301 | 27 | 06.2 | 04.0 | 314 |
| .0 ,, | 20 | 03.5 | 01.2 | 166 | 28 | 07.9 | 07.3 | 250 | 30 | 07.2 | 06.4 | 258 | 26 | 07.5 | 06.9 | 255 | 23 | 07.7 | 06.7 | 267 | 26 | 07.3 | 06.2 | 272 |
| .6 ,, | 15 | 03.3 | 01.4 | 202 | 27 | 09.0 | 08.4 | 260 | 28 | 09.2 | 08.5 | 263 | 15 | 08.6 | 08.0 | 267 | 21 | 09.4 | 08.6 | 258 | 25 | 09.1 | 08.2 | 264 |
| .5 ,, | 03 | 03.3 | 02.4 | 157 | 24 | 12.5 | 11.6 | 259 | 26 | 13.1 | 09.1 | 265 | | | | | 15 | 10.7 | 10.5 | 256 | 19 | 10.6 | 10.2 | 262 |
| .4 ,, | 02 | 01.5 | 01.5 | 095 | 22 | 17.3 | 16.7 | 262 | 24 | 17.1 | 16.5 | 264 | | | | | 13 | 11.6 | 11.5 | 257 | 16 | 11.6 | 11.2 | 262 |
| .0 ,, | | | | | 19 | 19.6 | 18.7 | 264 | 21 | 19.4 | 19.0 | 263 | | | | | 13 | 12.6 | 11.4 | 260 | 13 | 12.0 | 11.7 | 257 |
| .2 ,, | | | | | 10 | 23.5 | 23.1 | 259 | 08 | 26.7 | 26.1 | 265 | | | | | 11 | 14.5 | 14.1 | 266 | 04 | 11.5 | 11.4 | 264 |
| .0 ,, | | | | | 01 | 32.0 | 32.0 | 230 | | | | | | | | | 03 | 17.0 | 16.9 | 250 | 02 | 13.5 | 12.5 | 260 |

| STATION | JHARSUGUDA | | | | | | | | | | | | JODHPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 01.6 | 01.2 | 045 | 30 | 01.4 | 00.7 | 073 | 30 | 01.0 | 00.7 | 065 | 30 | 04.8 | 04.4 | 056 | 30 | 01.8 | 01.6 | 040 | 30 | 01.9 | 01.0 | 020 |
| .15 A.G.L. | 30 | 04.4 | 03.6 | 062 | 30 | 03.1 | 02.0 | 068 | 30 | 03.9 | 02.3 | 115 | 30 | 07.6 | 06.7 | 062 | 30 | 04.4 | 03.7 | 068 | 30 | 03.8 | 01.9 | 008 |
| .3A.M.S.L. | 30 | 03.8 | 03.0 | 058 | 30 | 02.9 | 01.9 | 063 | 30 | 03.4 | 02.0 | 098 | 30 | 04.9 | 04.6 | 057 | 30 | 03.7 | 03.1 | 059 | 30 | 02.0 | 01.1 | 021 |
| .6 ,, | 30 | 04.6 | 02.7 | 091 | 30 | 03.1 | 02.1 | 067 | 30 | 04.8 | 02.9 | 125 | 30 | 06.8 | 05.9 | 062 | 30 | 04.5 | 03.3 | 082 | 30 | 03.4 | 01.8 | 015 |
| .9 ,, | 29 | 04.3 | 02.1 | 101 | 30 | 03.5 | 02.2 | 076 | 30 | 04.6 | 02.7 | 121 | 30 | 05.6 | 04.1 | 064 | 30 | 04.1 | 02.3 | 103 | 30 | 03.4 | 01.8 | 018 |
| .5 ,, | 29 | 04.7 | 01.7 | 075 | 29 | 03.8 | 01.2 | 075 | 29 | 04.0 | 01.6 | 112 | 30 | 04.5 | 00.9 | 027 | 30 | 04.1 | 01.6 | 171 | 30 | 03.1 | 01.2 | 032 |
| .1 ,, | 29 | 04.7 | 01.0 | 042 | 29 | 04.9 | 01.1 | 338 | 26 | 03.4 | 00.5 | 041 | 30 | 05.2 | 02.7 | 245 | 30 | 0[illegible].9 | 03.4 | 229 | 30 | 03.5 | 01.6 | 273 |
| .0 ,, | 27 | 06.7 | 03.9 | 246 | 28 | 05.8 | 03.8 | 265 | 20 | 05.9 | 04.0 | 251 | 30 | 06.1 | 05.0 | 253 | 29 | 06.7 | 05.5 | 244 | 30 | 05.7 | 04.8 | 251 |
| .6 ,, | 24 | 06.7 | 05.6 | 252 | 25 | 07.1 | 06.2 | 263 | 04 | 09.2 | 06.5 | 274 | 30 | 07.5 | 06.5 | 260 | 29 | 08.8 | 08.0 | 260 | 30 | 07.5 | 06.6 | 259 |
| .5 ,, | 20 | 07.8 | 07.0 | 244 | 20 | 09.5 | 09.1 | 258 | | | | | 30 | 11.9 | 10.9 | 264 | 29 | 12.2 | 11.7 | 273 | 29 | 10.6 | 10.1 | 266 |
| .4 ,, | 17 | 08.7 | 07.9 | 264 | 17 | 09.8 | 08.7 | 257 | | | | | 30 | 16.4 | 15.7 | 264 | 29 | 15.7 | 15.2 | 276 | 29 | 15.3 | 14.7 | 266 |
| .0 ,, | 15 | 08.3 | 07.8 | 258 | 13 | 09.5 | 09.4 | 264 | | | | | 30 | 19.1 | 17.8 | 264 | 27 | 18.8 | 18.2 | 265 | 29 | 18.9 | 18.2 | 266 |
| .2 ,, | 13 | 10.0 | 09.6 | 257 | 11 | 12.9 | 11.9 | 267 | | | | | 30 | 24.5 | 23.6 | 263 | 24 | 25.1 | 24.4 | 263 | 29 | 24.3 | 23.0 | 264 |
| .0 ,, | 10 | 12.6 | 12.3 | 252 | 06 | 11.1 | 10.6 | 262 | | | | | 30 | 35.6 | 35.0 | 258 | 09 | 31.1 | 30.8 | 259 | 29 | 35.9 | 35.0 | 260 |

| STATION | JODHPUR | | | | LUCKNOW/AMAUSI | | | | | | | | | | | | | | | | MADRAS/MINAMBAKKAM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IME IN I.S.T. | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | |
| T IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| RFACE | 30 | 03.9 | 03.4 | 017 | 30 | 00.5 | 00.3 | 341 | 30 | 02.9 | 01.2 | 328 | 30 | 00.6 | 00.6 | 314 | 30 | 02.1 | 00.7 | 290 | 30 | 06.3 | 04.3 | 020 |
| .15 A.G.L. | 30 | 08.7 | 07.6 | 027 | 29 | 04.5 | 02.4 | 344 | 30 | 03.0 | 01.2 | 343 | 29 | 04.8 | 03.2 | 310 | 29 | 05.7 | 03.1 | 327 | 28 | 06.2 | 03.1 | 029 |
| .3A.M.S.L. | 30 | 07.5 | 06.0 | 017 | 29 | 04.5 | 02.5 | 346 | 30 | 03.1 | 01.3 | 340 | 29 | 04.8 | 03.2 | 310 | 29 | 05.4 | 02.8 | 322 | 28 | 06.3 | 03.3 | 037 |
| .6 ,, | 30 | 07.8 | 06.7 | 033 | 29 | 04.5 | 01.8 | 341 | 30 | 03.7 | 01.7 | 330 | 29 | 04.8 | 03.2 | 320 | 29 | 05.6 | 03.2 | 320 | 28 | 06.8 | 03.2 | 050 |
| .9 ,, | 30 | 05.4 | 04.0 | 049 | 29 | 05.7 | 02.2 | 315 | 30 | 04.6 | 02.4 | 305 | 29 | 04.9 | 03.2 | 319 | 29 | 05.2 | 02.8 | 302 | 28 | 07.4 | 03.5 | 061 |
| .5 ,, | 30 | 04.0 | 01.5 | 128 | 30 | 06.3 | 03.2 | 245 | 27 | 06.3 | 04.1 | 296 | 29 | 05.8 | 04.0 | 310 | 29 | 06.0 | 03.3 | 280 | 28 | 07.2 | 03.9 | 063 |
| .1 ,, | 30 | 05.2 | 02.7 | 232 | 29 | 06.9 | 04.9 | 268 | 26 | 07.3 | 05.2 | 287 | 29 | 06.1 | 04.8 | 296 | 28 | 06.1 | 04.4 | 270 | 28 | 07.1 | 03.7 | 069 |
| .0 ,, | 19 | 07.3 | 03.1 | 258 | 29 | 09.0 | 03.2 | 275 | 25 | 08.7 | 07.3 | 273 | 29 | 08.1 | 06.7 | 289 | 21 | 06.7 | 04.5 | 271 | 28 | 08.0 | 03.8 | 097 |
| .6 ,, | 05 | 08.0 | 07.4 | 259 | 29 | 09.0 | 09.0 | 274 | 24 | 08.7 | 07.7 | 270 | 27 | 09.5 | 07.7 | 280 | 06 | 06.7 | 01.8 | 246 | 28 | 08.4 | 04.0 | 095 |
| .5 ,, | 04 | 11.8 | 11.8 | 268 | 29 | 11.1 | 09.5 | 270 | 23 | 11.1 | 10.6 | 266 | 27 | 13.0 | 12.1 | 282 | 02 | 06.5 | 06.5 | 264 | 27 | 07.3 | 03.9 | 112 |
| .4 ,, | | | | | 29 | 14.0 | 12.2 | 264 | 22 | 15.7 | 15.4 | 260 | 27 | 16.2 | 15.5 | 267 | | | | | 26 | 07.8 | 03.2 | 104 |
| .0 ,, | | | | | 29 | 17.0 | 15.3 | 262 | 20 | 17.9 | 17.5 | 263 | 27 | 17.4 | 16.7 | 266 | | | | | 25 | 07.5 | 03.6 | 099 |
| .2 ,, | | | | | 28 | 23.3 | 21.9 | 261 | 20 | 25.5 | 25.4 | 262 | 27 | 24.5 | 23.3 | 262 | | | | | 24 | 07.2 | 03.9 | 090 |
| .0 ,, | | | | | 28 | 33.6 | 24.8 | 260 | 19 | 35.3 | 35.3 | 260 | 27 | 35.9 | 35.2 | 260 | | | | | 23 | 06.4 | 04.0 | 115 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | MADRAS/MINAMBAKKAM | | | | | | | | | | | | MANGALORE/BAJPE | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 04.2 | 01.8 | 033 | 30 | 04.5 | 02.8 | 063 | 30 | 02.7 | 01.2 | 060 | 30 | 02.0 | 01.1 | 086 | 30 | 03.6 | 01.7 | 280 | 30 | 01.8 | 00.7 | 050 |
| .15 A.G.L. | 28 | 06.3 | 02.0 | 048 | 29 | 06.2 | 03.7 | 062 | 29 | 06.2 | 03.2 | 076 | 26 | 04.6 | 02.2 | 061 | 30 | 05.9 | 02.9 | 269 | 28 | 05.3 | 01.1 | 001 |
| .3A.M.S.L. | 28 | 06.5 | 02.2 | 052 | 29 | 06.0 | 03.4 | 060 | 29 | 06.8 | 03.6 | 072 | 26 | 04.6 | 01.6 | 055 | 30 | 06.2 | 02.8 | 268 | 28 | 05.8 | 00.7 | 346 |
| .6 ,, | 25 | 07.4 | 02.3 | 051 | 29 | 06.4 | 02.7 | 060 | 28 | 07.0 | 03.7 | 068 | 26 | 04.8 | 01.1 | 068 | 30 | 06.2 | 00.9 | 260 | 28 | 06.2 | 00.3 | 332 |
| .9 ,, | 21 | 08.0 | 02.1 | 053 | 29 | 06.4 | 02.4 | 054 | 27 | 07.4 | 04.0 | 059 | 26 | 05.3 | 01.5 | 093 | 30 | 05.3 | 00.7 | 165 | 28 | 05.9 | 01.2 | 115 |
| 1.5 ,, | 17 | 07.6 | 02.1 | 079 | 29 | 07.4 | 03.2 | 064 | 27 | 07.9 | 04.3 | 056 | 24 | 05.9 | 03.4 | 107 | 29 | 05.7 | 02.7 | 087 | 24 | 06.2 | 02.7 | 086 |
| 2.1 ,, | 15 | 07.7 | 02.2 | 082 | 29 | 07.2 | 03.2 | 086 | 26 | 07.8 | 04.4 | 054 | 24 | 07.3 | 04.6 | 094 | 28 | 07.6 | 04.6 | 085 | 22 | 08.3 | 04.6 | 085 |
| 3.0 ,, | 10 | 05.8 | 01.2 | 055 | 28 | 07.4 | 03.5 | 100 | 20 | 07.9 | 04.6 | 048 | 21 | 06.5 | 04.0 | 082 | 25 | 07.0 | 03.7 | 085 | 20 | 06.3 | 02.4 | 061 |
| 3.6 ,, | 08 | 05.5 | 01.0 | 065 | 28 | 07.1 | 03.1 | 100 | 10 | 07.2 | 01.9 | 062 | 20 | 06.2 | 01.9 | 069 | 22 | 05.5 | 02.2 | 096 | 15 | 04.8 | 00.6 | 307 |
| 4.5 ,, | 06 | 06.8 | 03.5 | 345 | 27 | 07.2 | 02.0 | 094 | 03 | 08.7 | 07.9 | 034 | 19 | 05.6 | 01.9 | 064 | 18 | 05.7 | 02.4 | 049 | 06 | 04.5 | 03.0 | 329 |
| 5.4 ,, | 04 | 05.7 | 05.3 | 353 | 26 | 07.2 | 03.0 | 079 | 02 | 06.5 | 06.0 | 043 | 16 | 05.6 | 02.7 | 038 | 16 | 06.6 | 04.2 | 039 | 04 | 05.5 | 04.8 | 037 |
| 6.0 ,, | 03 | 03.7 | 03.7 | 356 | 26 | 07.3 | 03.0 | 080 | 01 | 05.0 | 05.0 | 065 | 15 | 06.1 | 03.7 | 038 | 16 | 07.3 | 05.9 | 043 | 02 | 04.0 | 03.6 | 056 |
| 7.2 ,, | 02 | 05.5 | 04.9 | 059 | 26 | 07.0 | 03.1 | 107 | 01 | 12.0 | 12.0 | 060 | 11 | 06.4 | 04.7 | 051 | 10 | 06.6 | 05.3 | 068 | 01 | 02.0 | 02.0 | 095 |
| 9.0 ,, | 01 | 03.0 | 03.0 | 140 | 26 | 07.1 | 04.8 | 130 | 01 | 18.0 | 18.0 | 070 | 07 | 06.4 | 06.1 | 086 | 05 | 07.8 | 06.0 | 119 | | | | |

| STATION | MINICOY | | | | | | | | | | | | | | | | NAGPUR/SONEGAON | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1130 | | | | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.0 | 01.0 | 281 | 30 | 02.3 | 01.3 | 307 | 30 | 02.3 | 01.6 | 272 | 30 | 01.8 | 01.1 | 319 | 30 | 01.4 | 01.0 | 017 | 30 | 02.2 | 00.9 | 057 |
| .15 A.G.L. | 30 | 04.2 | 02.2 | 297 | 30 | 04.2 | 02.1 | 305 | 30 | 04.5 | 03.1 | 284 | 29 | 04.0 | 02.2 | 308 | 30 | 05.5 | 04.0 | 052 | 30 | 03.5 | 01.8 | 056 |
| .3A.M.S.L. | 30 | 04.1 | 02.1 | 290 | 30 | 04.1 | 02.0 | 303 | 30 | 04.5 | 03.1 | 291 | 29 | 04.1 | 02.2 | 314 | | | | | | | | |
| .6 ,, | 30 | 04.3 | 02.3 | 297 | 30 | 04.3 | 02.5 | 309 | 30 | 04.7 | 03.2 | 297 | 29 | 04.2 | 02.3 | 309 | 30 | 05.9 | 04.2 | 071 | 30 | 03.8 | 02.1 | 077 |
| .9 ,, | 30 | 04.4 | 02.2 | 295 | 28 | 04.3 | 02.1 | 308 | 30 | 04.7 | 03.2 | 296 | 29 | 03.9 | 02.1 | 307 | 30 | 05.9 | 04.5 | 063 | 30 | 04.3 | 02.2 | 091 |
| 1.5 ,, | 28 | 04.5 | 01.2 | 286 | 26 | 04.3 | 01.4 | 309 | 30 | 04.6 | 02.4 | 285 | 28 | 03.9 | 01.4 | 296 | 30 | 05.4 | 03.3 | 060 | 26 | 04.9 | 02.6 | 090 |
| 2.1 ,, | 24 | 04.7 | 01.6 | 301 | 23 | 04.7 | 02.2 | 288 | 29 | 04.7 | 02.5 | 281 | 26 | 04.3 | 01.9 | 283 | 30 | 04.8 | 00.9 | 068 | 24 | 04.8 | 02.4 | 060 |
| 3.0 ,, | 23 | 05.0 | 00.9 | 292 | 19 | 05.2 | 01.6 | 274 | 29 | 05.5 | 02.6 | 267 | 14 | 03.8 | 00.9 | 301 | 30 | 05.7 | 02.5 | 255 | 22 | 03.3 | 01.0 | 285 |
| 3.6 ,, | 18 | 04.9 | 01.1 | 257 | 12 | 04.3 | 01.7 | 275 | 29 | 05.6 | 02.0 | 269 | 11 | 04.1 | 00.8 | 023 | 30 | 06.2 | 02.9 | 238 | 19 | 04.5 | 02.8 | 253 |
| 4.5 ,, | 17 | 05.1 | 01.0 | 289 | 12 | 05.2 | 01.6 | 358 | 29 | 05.3 | 01.1 | 281 | 03 | 04.3 | 04.0 | 062 | 30 | 06.1 | 04.7 | 255 | 17 | 05.2 | 03.6 | 247 |
| 5.4 ,, | 14 | 05.7 | 01.9 | 071 | 11 | 06.7 | 02.4 | 036 | 29 | 05.1 | 00.9 | 344 | | | | | 30 | 06.8 | 05.8 | 259 | 17 | 06.6 | 05.1 | 265 |
| 6.0 ,, | 13 | 06.6 | 03.5 | 086 | 10 | 07.1 | 02.2 | 043 | 29 | 05.8 | 00.8 | 025 | | | | | 30 | 08.3 | 07.0 | 255 | 16 | 07.4 | 06.8 | 259 |
| 7.2 ,, | 10 | 07.1 | 04.5 | 102 | 05 | 06.0 | 02.4 | 070 | 29 | 05.5 | 01.9 | 083 | | | | | 30 | 09.9 | 09.1 | 251 | 15 | 08.7 | 08.4 | 242 |
| 9.0 ,, | 09 | 06.3 | 05.2 | 084 | 03 | 03.3 | 03.2 | 093 | 29 | 06.5 | 03.3 | 088 | | | | | 30 | 12.1 | 11.9 | 250 | 14 | 12.9 | 12.4 | 236 |

| STATION | NAGPUR/SONEGAON | | | | | | | | NEW DELHI/SAFDARJUNG | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1730* | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 01.1 | 050 | 30 | 01.5 | 01.4 | 038 | 30 | 00.1 | 00.1 | 090 | 30 | 00.9 | 00.3 | 324 | 30 | 00.9 | 00.6 | 347 | 30 | 00.4 | 00.4 | 277 |
| .15 A.G.L. | 30 | 04.0 | 02.5 | 050 | 29 | 07.0 | 04.9 | 071 | 30 | 04.8 | 02.6 | 355 | 30 | 02.6 | 01.1 | 324 | 30 | 04.8 | 04.4 | 337 | 30 | 04.9 | 03.3 | 342 |
| .3A.M.S.L. | | | | | | | | | 30 | 03.2 | 01.8 | 346 | 30 | 02.3 | 00.9 | 326 | 30 | 02.9 | 02.2 | 338 | 30 | 04.5 | 03.2 | 342 |
| .6 ,, | 30 | 03.9 | 02.4 | 063 | 29 | 07.3 | 05.4 | 074 | 30 | 04.9 | 03.2 | 348 | 30 | 03.2 | 01.4 | 330 | 30 | 04.8 | 03.8 | 336 | 30 | 04.3 | 03.0 | 344 |
| .9 ,, | 30 | 04.2 | 02.3 | 064 | 29 | 06.6 | 05.1 | 076 | 30 | 04.5 | 02.9 | 329 | 30 | 04.3 | 02.0 | 307 | 30 | 04.5 | 03.8 | 331 | 30 | 04.1 | 02.5 | 330 |
| 1.5 ,, | 30 | 04.0 | 02.5 | 060 | 29 | 05.2 | 03.6 | 067 | 30 | 05.7 | 04.1 | 290 | 30 | 05.3 | 02.8 | 293 | 30 | 05.2 | 03.3 | 310 | 30 | 04.3 | 02.7 | 287 |
| 2.1 ,, | 30 | 04.7 | 01.3 | 355 | 28 | 04.7 | 02.1 | 044 | 30 | 05.8 | 04.1 | 279 | 30 | 05.6 | 04.3 | 273 | 30 | 05.1 | 03.1 | 280 | 30 | 05.1 | 03.2 | 275 |
| 3.0 ,, | 30 | 04.9 | 02.2 | 252 | 27 | 04.2 | 02.3 | 241 | 30 | 06.7 | 05.4 | 266 | 29 | 06.9 | 05.8 | 257 | 30 | 07.1 | 05.9 | 271 | 30 | 06.6 | 04.7 | 278 |
| 3.6 ,, | 30 | 06.3 | 03.7 | 245 | 16 | 05.5 | 04.0 | 253 | 30 | 08.7 | 07.8 | 262 | 29 | 09.2 | 05.0 | 250 | 30 | 08.8 | 08.0 | 272 | 22 | 07.6 | 07.0 | 270 |
| 4.5 ,, | 30 | 06.9 | 05.1 | 252 | 02 | 03.5 | 03.5 | 301 | 30 | 13.1 | 12.0 | 261 | 28 | 12.6 | 08.4 | 263 | 30 | 11.4 | 10.6 | 267 | 07 | 10.9 | 10.5 | 259 |
| 5.4 ,, | 30 | 07.7 | 06.3 | 267 | | | | | 30 | 17.6 | 16.9 | 262 | 27 | 17.1 | 16.5 | 266 | 30 | 16.2 | 15.5 | 268 | | | | |
| 6.0 ,, | 29 | 07.9 | 06.7 | 271 | | | | | 30 | 20.6 | 19.5 | 262 | 25 | 20.8 | 20.2 | 268 | 30 | 18.5 | 18.0 | 265 | | | | |
| 7.2 ,, | 29 | 09.3 | 09.2 | 265 | | | | | 30 | 29.3 | 27.5 | 263 | 19 | 29.2 | 28.5 | 268 | 30 | 27.5 | 27.0 | 262 | | | | |
| 9.0 ,, | 29 | 11.7 | 10.4 | 251 | | | | | 30 | 42.6 | 42.2 | 261 | 09 | 44.4 | 44.0 | 266 | 30 | 42.1 | 41.3 | 265 | | | | |

| STATION | POONA | | | | | | | | | | | | PORT BLAIR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.3 | 00.2 | 090 | 30 | 01.2 | 00.7 | 085 | 30 | 00.4 | 00.1 | 090 | 30 | 03.2 | 02.6 | 077 | 30 | 04.2 | 03.3 | 083 | 30 | 04.4 | 03.4 | 097 |
| .15 A.G.L. | 30 | 03.5 | 02.2 | 098 | 30 | 04.1 | 02.7 | 091 | 29 | 04.6 | 01.5 | 100 | 30 | 05.4 | 04.2 | 077 | 29 | 06.5 | 05.2 | 088 | 29 | 06.6 | 04.9 | 094 |
| .3A.M.S.L. | | | | | | | | | | | | | 30 | 05.7 | 04.4 | 077 | 29 | 06.9 | 05.6 | 091 | 29 | 06.6 | 04.9 | 094 |
| .6 ,, | 30 | 01.8 | 00.8 | 081 | 30 | 03.0 | 01.7 | 091 | 29 | 02.1 | 00.7 | 145 | 30 | 06.9 | 05.6 | 080 | 28 | 06.8 | 05.6 | 093 | 29 | 06.9 | 05.1 | 092 |
| .9 ,, | 30 | 05.3 | 03.9 | 095 | 30 | 04.8 | 02.9 | 088 | 29 | 05.5 | 02.8 | 089 | 28 | 07.4 | 06.3 | 091 | 26 | 06.5 | 05.5 | 100 | 29 | 07.1 | 05.5 | 090 |
| 1.5 ,, | 27 | 07.6 | 06.1 | 102 | 29 | 04.4 | 02.4 | 087 | 29 | 06.8 | 04.6 | 092 | 28 | 08.2 | 07.1 | 096 | 22 | 06.7 | 05.6 | 102 | 28 | 07.6 | 06.1 | 098 |
| 2.1 ,, | 27 | 06.1 | 04.4 | 095 | 26 | 05.0 | 02.8 | 083 | 25 | 06.6 | 04.8 | 085 | 28 | 08.0 | 06.9 | 097 | 12 | 05.3 | 03.5 | 101 | 28 | 07.6 | 06.3 | 093 |
| 3.0 ,, | 26 | 04.2 | 01.3 | 101 | 25 | 05.2 | 02.8 | 064 | 24 | 04.7 | 02.8 | 092 | 28 | 07.9 | 06.8 | 095 | 08 | 06.4 | 05.6 | 093 | 28 | 08.0 | 06.7 | 096 |
| 3.6 ,, | 20 | 03.9 | 00.6 | 108 | 21 | 04.4 | 01.9 | 065 | 19 | 04.2 | 01.0 | 035 | 27 | 08.3 | 07.2 | 089 | 07 | 06.6 | 06.0 | 091 | 28 | 08.1 | 07.0 | 095 |
| 4.5 ,, | 10 | 04.4 | 01.1 | 303 | 19 | 04.3 | 01.1 | 355 | 02 | 03.0 | 03.0 | 249 | 26 | 07.1 | 06.1 | 097 | 06 | 06.0 | 05.5 | 079 | 28 | 07.6 | 06.5 | 088 |
| 5.4 ,, | 04 | 03.7 | 03.2 | 297 | 14 | 04.4 | 02.1 | 289 | | | | | 26 | 07.3 | 06.4 | 102 | 04 | 05.2 | 05.0 | 073 | 27 | 07.3 | 06.5 | 091 |
| 6.0 ,, | 03 | 07.0 | 06.9 | 255 | 12 | 05.0 | 02.7 | 265 | | | | | 26 | 07.9 | 06.8 | 097 | 04 | 04.2 | 03.9 | 070 | 26 | 08.3 | 07.0 | 097 |
| 7.2 ,, | | | | | 09 | 05.2 | 04.5 | 239 | | | | | 24 | 08.0 | 05.5 | 105 | 04 | 05.7 | 05.0 | 066 | 26 | 07.7 | 06.9 | 093 |
| 9.0 ,, | | | | | 03 | 09.3 | 08.9 | 227 | | | | | 24 | 08.0 | 07.2 | 096 | 04 | 07.8 | 07.5 | 080 | 23 | 08.2 | 07.1 | 092 |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | PORT BLAIR | | | | RAIPUR | | | | | | | | | | | | RAXAUL | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.5 | 02.2 | 090 | 30 | 01.4 | 00.9 | 028 | 30 | 01.8 | 01.4 | 045 | 30 | 01.9 | 00.9 | 082 | 30 | 01.6 | 01.2 | 091 | 30 | 01.7 | 01.1 | 242 |
| .15 A.G.L. | 30 | 05.3 | 03.6 | 096 | 29 | 05.3 | 03.5 | 042 | 30 | 04.1 | 03.4 | 047 | 30 | 06.4 | 04.3 | 077 | 28 | 03.0 | 01.1 | 091 | 30 | 03.4 | 02.3 | 264 |
| .3A.M.S.L. | 30 | 05.7 | 04.0 | 098 | | | | | | | | | | | | | 28 | 03.1 | 00.6 | 112 | 30 | 03.4 | 02.5 | 263 |
| .6 ,, | 29 | 06.1 | 04.7 | 097 | 29 | 05.5 | 03.7 | 076 | 30 | 04.5 | 03.8 | 048 | 30 | 06.7 | 04.7 | 082 | 27 | 03.0 | 01.0 | 268 | 30 | 03.1 | 02.5 | 274 |
| .9 ,, | 23 | 05.7 | 04.2 | 104 | 29 | 05.4 | 04.0 | 086 | 30 | 04.5 | 03.6 | 053 | 30 | 06.0 | 04.5 | 087 | 27 | 03.3 | 01.5 | 283 | 30 | 03.1 | 02.4 | 285 |
| 1.5 ,, | 20 | 05.7 | 04.1 | 115 | 29 | 05.4 | 03.9 | 083 | 29 | 04.7 | 02.7 | 054 | 29 | 04.5 | 03.1 | 077 | 26 | 04.6 | 03.1 | 291 | 30 | 04.1 | 02.5 | 276 |
| 2.1 ,, | 15 | 04.7 | 03.6 | 107 | 28 | 05.2 | 02.5 | 061 | 27 | 05.0 | 01.9 | 047 | 28 | 05.2 | 02.4 | 034 | 26 | 05.0 | 03.6 | 281 | 28 | 04.7 | 03.2 | 280 |
| 3.0 ,, | 13 | 05.3 | 04.3 | 095 | 25 | 04.8 | 02.2 | 254 | 24 | 04.8 | 02.0 | 257 | 25 | 05.0 | 03.2 | 245 | 24 | 07.1 | 06.2 | 278 | 22 | 06.5 | 05.3 | 295 |
| 3.6 ,, | 06 | 04.5 | 03.8 | 076 | 23 | 05.5 | 03.9 | 246 | 22 | 05.5 | 04.7 | 235 | 24 | 06.4 | 05.3 | 247 | 22 | 08.2 | 07.3 | 276 | 19 | 09.0 | 05.9 | 282 |
| 4.5 ,, | 03 | 02.7 | 02.2 | 120 | 21 | 05.9 | 04.8 | 247 | 20 | 06.9 | 05.8 | 251 | 06 | 05.7 | 05.5 | 242 | 15 | 10.8 | 09.8 | 269 | 10 | 09.8 | 09.4 | 278 |
| 5.4 ,, | 02 | 04.0 | 03.5 | 075 | 19 | 07.1 | 06.2 | 254 | 20 | 08.0 | 07.5 | 256 | 03 | 07.0 | 06.9 | 249 | 12 | 14.0 | 13.1 | 267 | 05 | 12.8 | 12.4 | 274 |
| 6.0 ,, | 01 | 01.0 | 01.0 | 090 | 19 | 07.7 | 06.6 | 251 | 19 | 07.4 | 06.9 | 256 | 02 | 07.5 | 07.3 | 242 | 10 | 17.1 | 15.1 | 265 | 04 | 17.7 | 17.3 | 264 |
| 7.2 ,, | 01 | 04.0 | 04.0 | 056 | 18 | 08.8 | 08.5 | 251 | 18 | 09.8 | 09.1 | 256 | | | | | 06 | 21.7 | 21.6 | 268 | | | | |
| 9.0 ,, | | | | | 17 | 11.8 | 11.5 | 246 | 12 | 11.2 | 10.2 | 260 | | | | | 01 | 24.0 | 24.0 | 255 | | | | |

| STATION | SRINAGAR | | | | | | | | TIRUCHCHIRAPPALLI | | | | | | | | | | | | TRIVANDRUM | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530* | | | | 1730* | | | | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.2 | 00.2 | 137 | 29 | 00.3 | 00.2 | 157 | 30 | 02.7 | 00.4 | 004 | 30 | 03.4 | 00.8 | 063 | 30 | 02.9 | 01.4 | 090 | 30 | 01.4 | 01.1 | 353 |
| .15 A.G.L. | 30 | 02.0 | 01.9 | 130 | 29 | 01.8 | 00.2 | 354 | 28 | 05.0 | 00.4 | 267 | 29 | 04.5 | 01.1 | 095 | 29 | 06.2 | 02.2 | 091 | 30 | 03.4 | 02.4 | 349 |
| .3A.M.S.L. | | | | | | | | | 28 | 05.6 | 00.5 | 213 | 29 | 04.8 | 01.1 | 091 | 29 | 06.8 | 02.3 | 090 | 30 | 03.3 | 02.3 | 347 |
| .6 ,, | | | | | | | | | 27 | 06.3 | 00.7 | 132 | 29 | 05.8 | 01.2 | 055 | 29 | 06.9 | 02.8 | 085 | 30 | 03.4 | 01.8 | 300 |
| .9 ,, | | | | | | | | | 27 | 06.1 | 01.2 | 104 | 29 | 06.1 | 01.3 | 045 | 27 | 06.2 | 02.4 | 052 | 30 | 03.6 | 01.8 | 304 |
| 1.5 ,, | | | | | | | | | 23 | 06.7 | 01.5 | 061 | 28 | 06.1 | 01.8 | 005 | 27 | 06.2 | 02.1 | 020 | 30 | 04.0 | 01.4 | 301 |
| 2.1 ,, | 30 | 01.9 | 01.4 | 131 | 29 | 02.0 | 00.2 | 285 | 24 | 06.7 | 01.3 | 055 | 27 | 06.5 | 01.4 | 356 | 24 | 05.6 | 02.1 | 040 | 30 | 03.8 | 01.2 | 300 |
| 3.0 ,, | 30 | 02.6 | 00.9 | 157 | 29 | 03.3 | 02.0 | 165 | 20 | 06.9 | 00.6 | 077 | 25 | 06.3 | 01.2 | 282 | 22 | 05.9 | 01.1 | 003 | 29 | 05.7 | 02.4 | 277 |
| 3.6 ,, | 30 | 04.6 | 03.9 | 150 | 29 | 04.2 | 02.4 | 155 | 20 | 07.1 | 00.5 | 009 | 24 | 06.6 | 00.7 | 245 | 17 | 05.9 | 01.0 | 002 | 29 | 06.2 | 02.1 | 292 |
| 4.5 ,, | 30 | 07.2 | 05.3 | 163 | 29 | 05.3 | 03.4 | 160 | 18 | 07.2 | 01.0 | 161 | 20 | 05.8 | 00.2 | 077 | 08 | 05.5 | 01.6 | 043 | 29 | 05.8 | 01.0 | 305 |
| 5.4 ,, | 30 | 08.1 | 04.5 | 210 | 29 | 06.5 | 02.7 | 190 | 13 | 05.8 | 02.5 | 057 | 15 | 05.6 | 01.8 | 075 | 03 | 03.7 | 01.1 | 127 | 29 | 05.3 | 01.3 | 019 |
| 6.0 ,, | 30 | 08.7 | 05.5 | 232 | 29 | 09.5 | 03.5 | 224 | 11 | 06.4 | 03.7 | 057 | 14 | 05.4 | 03.2 | 071 | 01 | 05.0 | 05.0 | 125 | 28 | 06.1 | 02.3 | 032 |
| 7.2 ,, | 30 | 13.3 | 10.1 | 258 | 29 | 13.8 | 09.1 | 255 | 08 | 06.0 | 04.8 | 061 | 10 | 05.0 | 02.7 | 082 | | | | | 28 | 05.8 | 03.1 | 070 |
| 9.0 ,, | 29 | 22.2 | 20.7 | 266 | 28 | 21.6 | 18.0 | 267 | 05 | 07.4 | 06.1 | 105 | 08 | 05.0 | 04.5 | 116 | | | | | 28 | 06.1 | 03.5 | 098 |

| STATION | TRIVANDRUM | | | | | | | | | | | | UDAIPUR | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 1130 | | | | 1730* | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 01.7 | 01.0 | 295 | 30 | 02.8 | 02.3 | 289 | 30 | 01.1 | 00.7 | 023 | 30 | | | | 30 | 00.4 | 00.4 | 217 | 30 | 00.1 | 00.1 | 360 |
| .15 A.G.L. | 30 | 03.5 | 02.1 | 299 | 29 | 05.0 | 04.1 | 283 | 28 | 03.5 | 02.0 | 330 | 30 | 02.7 | 02.0 | 030 | 30 | 02.6 | 00.3 | 051 | 30 | 03.9 | 00.2 | 038 |
| .3A.M.S.L. | 30 | 03.5 | 02.1 | 298 | 29 | 05.1 | 04.0 | 284 | 28 | 03.6 | 02.1 | 318 | | | | | | | | | | | | |
| .6 ,, | 30 | 03.5 | 02.1 | 304 | 29 | 05.4 | 03.9 | 277 | 28 | 03.9 | 02.6 | 299 | | | | | | | | | | | | |
| .9 ,, | 29 | 03.9 | 01.9 | 317 | 29 | 05.0 | 02.8 | 282 | 28 | 03.6 | 02.2 | 293 | 30 | 03.5 | 02.1 | 065 | 30 | 02.9 | 00.4 | 083 | 30 | 04.3 | 02.4 | 067 |
| 1.5 ,, | 23 | 04.0 | 01.6 | 348 | 29 | 04.5 | 01.5 | 313 | 28 | 04.0 | 01.5 | 346 | 29 | 04.8 | 01.3 | 173 | 30 | 02.9 | 00.6 | 253 | 30 | 04.2 | 02.2 | 135 |
| 2.1 ,, | 19 | 03.9 | 02.0 | 340 | 28 | 05.1 | 01.6 | 332 | 22 | 05.0 | 01.1 | 357 | 29 | 06.0 | 04.2 | 230 | 30 | 03.5 | 02.2 | 257 | 30 | 04.5 | 02.7 | 219 |
| 3.0 ,, | 12 | 04.5 | 02.2 | 300 | 28 | 05.4 | 02.5 | 291 | 18 | 05.2 | 02.5 | 267 | 28 | 06.8 | 06.2 | 237 | 28 | 05.8 | 05.4 | 247 | 28 | 06.1 | 05.4 | 247 |
| 3.6 ,, | 11 | 05.2 | 02.7 | 294 | 28 | 06.3 | 02.2 | 282 | 11 | 04.5 | 00.8 | 197 | 28 | 07.6 | 07.1 | 253 | 25 | 07.2 | 06.6 | 256 | 24 | 07.4 | 06.8 | 253 |
| 4.5 ,, | 05 | 04.4 | 02.8 | 304 | 27 | 06.0 | 01.1 | 269 | 07 | 04.9 | 01.7 | 147 | 28 | 10.5 | 09.8 | 267 | 23 | 10.4 | 09.8 | 266 | 18 | 10.0 | 09.2 | 264 |
| 5.4 ,, | 04 | 05.3 | 01.3 | 328 | 27 | 05.1 | 00.3 | 292 | 02 | 05.5 | 05.0 | 208 | 28 | 14.1 | 12.7 | 270 | 22 | 12.9 | 12.3 | 265 | 05 | 13.2 | 12.7 | 260 |
| 6.0 ,, | 03 | 04.3 | 03.9 | 081 | 27 | 06.0 | 00.8 | 096 | | | | | 27 | 16.1 | 15.2 | 270 | 22 | 14.0 | 13.7 | 263 | 02 | 18.0 | 17.1 | 250 |
| 7.2 ,, | 03 | 05.3 | 05.1 | 065 | 27 | 06.7 | 03.8 | 095 | | | | | 23 | 21.3 | 19.9 | 267 | 19 | 18.8 | 18.3 | 263 | 01 | 09.0 | 09.0 | 244 |
| 9.0 ,, | 03 | 08.3 | 07.8 | 087 | 27 | 07.9 | 05.8 | 088 | | | | | 13 | 26.9 | 26.4 | 255 | 12 | 25.8 | 25.1 | 255 | | | | |

| STATION | VENGURLA | | | | | | | | | | | | VERAVAL | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530 | | | | 1730 | | | | 2330 | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 00.9 | 00.7 | 026 | 30 | 02.1 | 00.9 | 248 | 30 | 00.9 | 00.3 | 021 | 30 | 03.3 | 03.0 | 014 | 30 | 05.1 | 02.9 | 241 | 30 | 02.6 | 02.4 | 355 |
| .15 A.G.L. | 27 | 04.5 | 03.1 | 053 | 29 | 04.0 | 01.4 | 301 | 29 | 04.6 | 03.2 | 014 | 30 | 09.5 | 08.8 | 021 | 30 | 05.6 | 02.7 | 235 | 30 | 07.1 | 05.6 | 355 |
| .3A.M.S.L. | 27 | 04.9 | 03.2 | 056 | 29 | 04.1 | 01.2 | 301 | 29 | 05.5 | 03.5 | 004 | 30 | 09.2 | 08.3 | 025 | 30 | 04.9 | 02.1 | 237 | 30 | 07.3 | 05.6 | 003 |
| .6 ,, | 26 | 05.5 | 03.7 | 067 | 29 | 04.5 | 01.7 | 074 | 28 | 05.0 | 03.2 | 020 | 30 | 07.0 | 05.8 | 027 | 30 | 04.0 | 00.9 | 312 | 30 | 06.3 | 04.7 | 012 |
| .9 ,, | 25 | 06.4 | 05.0 | 079 | 28 | 04.6 | 02.9 | 077 | 27 | 05.1 | 03.0 | 049 | 30 | 05.2 | 03.7 | 037 | 30 | 03.5 | 01.5 | 002 | 30 | 05.4 | 03.7 | 027 |
| 1.5 ,, | 25 | 06.8 | 05.6 | 091 | 25 | 06.9 | 05.9 | 074 | 25 | 06.5 | 05.2 | 079 | 30 | 04.4 | 02.2 | 075 | 30 | 04.2 | 03.7 | 027 | 30 | 04.5 | 03.0 | 067 |
| 2.1 ,, | 24 | 06.5 | 05.2 | 085 | 25 | 08.2 | 06.9 | 076 | 21 | 07.2 | 06.5 | 080 | 30 | 04.7 | 01.9 | 137 | 30 | 05.1 | 03.2 | 014 | 30 | 04.6 | 02.3 | 079 |
| 3.0 ,, | 20 | 04.5 | 03.2 | 084 | 22 | 06.4 | 04.9 | 074 | 17 | 05.6 | 04.4 | 078 | 30 | 05.1 | 02.3 | 215 | 29 | 04.8 | 02.1 | 309 | 30 | 05.7 | 00.2 | 229 |
| 3.6 ,, | 10 | 02.5 | 01.1 | 133 | 21 | 05.5 | 03.5 | 066 | 12 | 04.4 | 02.9 | 075 | 08 | 05.3 | 03.3 | 262 | 28 | 05.0 | 03.1 | 298 | 23 | 05.3 | 01.8 | 286 |
| 5.4 ,, | | | | | 17 | 05.3 | 02.6 | 031 | | | | | | | | | 28 | 09.1 | 08.0 | 282 | 03 | 06.3 | 03.0 | 339 |
| 4.5 ,, | | | | | 17 | 05.0 | 03.0 | 056 | 01 | 01.0 | 01.0 | 067 | | | | | 28 | 07.4 | 05.3 | 292 | 07 | 05.9 | 03.2 | 289 |
| 6.0 ,, | | | | | 17 | 05.5 | 01.6 | 057 | | | | | | | | | 28 | 10.1 | 09.4 | 271 | 01 | 07.0 | 07.0 | 300 |
| 7.2 ,, | | | | | 15 | 06.1 | 00.9 | 072 | | | | | | | | | 28 | 13.2 | 12.6 | 261 | | | | |
| 9.0 ,, | | | | | 11 | 06.3 | 02.3 | 175 | | | | | | | | | 21 | 18.5 | 18.0 | 253 | | | | |

TABLE IV - MONTHLY MEAN DIRECTION AND VELOCITIES OF UPPER WINDS

WINDS UPTO 9 KM ABOVE MEAN SEA LEVEL

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STATION | VIJAYAWADA/GANNAVARAM | | | | | | | | | | | | VISHAKHAPATNAM | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 0530 | | | | 1730 | | | | 2330 | | | | 0530* | | | | 1130 | | | | 1730* | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 03.0 | 02.2 | 041 | 30 | 03.4 | 02.4 | 081 | 31 | 01.9 | 01.1 | 062 | 30 | 05.1 | 04.8 | 012 | 30 | 03.2 | 02.5 | 050 | 30 | 05.9 | 05.4 | 036 |
| .15 A.G.L. | 26 | 07.4 | 05.6 | 062 | 29 | 06.0 | 04.3 | 083 | 27 | 07.6 | 05.7 | 080 | 29 | 09.1 | 08.5 | 028 | 27 | 06.0 | 05.1 | 059 | 26 | 08.3 | 07.8 | 040 |
| .3A.M.S.L. | 26 | 08.3 | 06.2 | 071 | 29 | 06.6 | 05.1 | 084 | 27 | 08.6 | 06.6 | 084 | 29 | 08.9 | 07.9 | 033 | 27 | 06.4 | 05.4 | 058 | 26 | 08.2 | 07.6 | 046 |
| .6 ,, | 26 | 09.3 | 06.9 | 077 | 29 | 06.2 | 04.9 | 081 | 27 | 09.0 | 07.1 | 079 | 28 | 08.0 | 07.1 | 048 | 27 | 07.1 | 05.9 | 063 | 26 | 07.8 | 07.1 | 055 |
| .9 ,, | 26 | 08.8 | 06.5 | 077 | 29 | 06.3 | 04.7 | 077 | 27 | 08.4 | 06.5 | 077 | 28 | 08.0 | 07.1 | 064 | 27 | 07.2 | 05.8 | 064 | 26 | 07.5 | 06.4 | 063 |
| 1.5 ,, | 25 | 08.2 | 05.9 | 078 | 28 | 06.9 | 04.3 | 076 | 26 | 07.4 | 04.4 | 068 | 28 | 07.3 | 05.7 | 077 | 27 | 06.5 | 04.9 | 080 | 26 | 06.8 | 05.1 | 058 |
| 2.1 ,, | 25 | 07.4 | 04.9 | 082 | 26 | 07.7 | 04.4 | 080 | 25 | 06.8 | 03.7 | 073 | 28 | 06.0 | 03.6 | 092 | 25 | 06.3 | 04.8 | 095 | 26 | 05.4 | 03.2 | 072 |
| 3.0 ,, | 21 | 07.7 | 04.7 | 092 | 23 | 06.9 | 03.1 | 097 | 21 | 06.3 | 04.1 | 100 | 28 | 06.1 | 02.5 | 125 | 23 | 04.9 | 02.9 | 133 | 26 | 05.0 | 02.4 | 115 |
| 3.6 ,, | 19 | 07.0 | 04.3 | 086 | 20 | 06.6 | 02.7 | 108 | 15 | 05.3 | 02.8 | 120 | 28 | 06.2 | 02.3 | 122 | 20 | 05.2 | 03.8 | 152 | 26 | 05.1 | 02.1 | 146 |
| 4.5 ,, | 14 | 07.1 | 05.3 | 089 | 17 | 06.7 | 02.5 | 088 | 13 | 04.7 | 01.4 | 125 | 28 | 05.5 | 02.6 | 130 | 18 | 05.2 | 03.2 | 153 | 26 | 05.7 | 02.4 | 200 |
| 5.4 ,, | 11 | 07.4 | 04.3 | 103 | 16 | 06.2 | 02.9 | 069 | 05 | 03.6 | 01.1 | 148 | 28 | 06.0 | 02.1 | 051 | 16 | 05.7 | 03.4 | 165 | 25 | 06.0 | 01.2 | 196 |
| 6.0 ,, | 10 | 06.7 | 04.6 | 104 | 16 | 06.0 | 02.1 | 036 | 05 | 03.4 | 01.3 | 066 | 28 | 06.5 | 01.9 | 152 | 15 | 05.9 | 03.0 | 166 | 25 | 06.8 | 01.1 | 164 |
| 7.2 ,, | 09 | 06.7 | 04.4 | 083 | 08 | 09.8 | 02.2 | 113 | | | | | 28 | 06.3 | 00.7 | 105 | 10 | 04.9 | 02.9 | 151 | 25 | 06.4 | 01.2 | 169 |
| 9.0 ,, | 04 | 05.3 | 00.9 | 148 | 04 | 06.0 | 02.7 | 153 | | | | | 27 | 06.7 | 03.0 | 211 | 07 | 05.3 | 02.4 | 175 | 25 | 06.7 | 02.8 | 206 |

| STATION | VISHAKHAPATNAM | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TIME IN I.S.T. | 2330 | | | | | | | | | | | | | | | | | | | | | | | |
| HT IN KM. | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D | N | S | V | D |
| SURFACE | 30 | 02.8 | 02.4 | 028 | | | | | | | | | | | | | | | | | | | | |
| .15 A.G.L. | 26 | 05.5 | 04.0 | 053 | | | | | | | | | | | | | | | | | | | | |
| .3A.M.S.L. | 26 | 05.8 | 04.3 | 056 | | | | | | | | | | | | | | | | | | | | |
| .6 ,, | 26 | 06.6 | 04.9 | 055 | | | | | | | | | | | | | | | | | | | | |
| .9 ,, | 25 | 07.2 | 05.9 | 061 | | | | | | | | | | | | | | | | | | | | |
| 1.5 ,, | 24 | 06.8 | 05.6 | 061 | | | | | | | | | | | | | | | | | | | | |
| 2.1 ,, | 18 | 05.7 | 04.1 | 075 | | | | | | | | | | | | | | | | | | | | |
| 3.0 ,, | 14 | 05.7 | 03.1 | 121 | | | | | | | | | | | | | | | | | | | | |
| 3.6 ,, | 10 | 06.3 | 01.5 | 116 | | | | | | | | | | | | | | | | | | | | |
| 4.5 ,, | 04 | 10.0 | 06.6 | 307 | | | | | | | | | | | | | | | | | | | | |
| 5.4 ,, | 02 | 14.0 | 10.5 | 321 | | | | | | | | | | | | | | | | | | | | |
| 6.0 ,, | 02 | 13.0 | 10.7 | 308 | | | | | | | | | | | | | | | | | | | | |
| 7.2 ,, | 02 | 13.5 | 09.8 | 310 | | | | | | | | | | | | | | | | | | | | |
| 9.0 ,, | 02 | 10.5 | 03.6 | 295 | | | | | | | | | | | | | | | | | | | | |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

November 1966 (Kartik 10 - Agrahayana 9, 1888 Saka).

| t. n m. | N | S | V | D |
|---|---|---|---|---|
| | | **AHMADABAD** | | |
| | | 0530 hr.* | | |
| 0.5 | 30 | 27.5 | 26.9 | 259 |
| 2.0 | 28 | 31.0 | 30.0 | 246 |
| 4.1 | 8 | 26.1 | 25.0 | 238 |
| 6.2 | 6 | 24.3 | 23.8 | 245 |
| | | 1130 hr. | | |
| 0.5 | 13 | 25.1 | 24.1 | 247 |
| .2.0 | 7 | 28.2 | 26.0 | 247 |
| .4.1 | 2 | 15.0 | 15.0 | 232 |
| | | 1730 hr.* | | |
| .0.5 | 29 | 30.0 | 29.4 | 256 |
| 2.0 | 28 | 32.5 | 32.1 | 247 |
| .4.1 | 13 | 25.1 | 24.5 | 244 |
| 16.2 | 1 | 24.0 | 24.0 | 235 |
| .8.0 | 1 | 16.0 | 16.0 | 245 |
| | | **ALLAHABAD/ BAHRAULI** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 25.0 | 25.0 | 245 |
| | | **ANANTAPUR** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 7.6 | 6.1 | 128 |
| 12.0 | 4 | 8.5 | 7.8 | 129 |
| 14.1 | 2 | 13.5 | 13.3 | 137 |
| | | **ASANSOL** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 22.0 | 22.0 | 245 |
| | | **AURANGABAD/ CHIKALTHAN** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 18.0 | 18.0 | 235 |
| | | **BANGALORE** | | |
| | | 0530 hr.● | | |
| 10.5 | 7 | 12.4 | 12.0 | 127 |
| 12.0 | 6 | 16.0 | 15.0 | 123 |
| 14.1 | 4 | 18.0 | 16.5 | 130 |
| 16.2 | 4 | 8.7 | 4.1 | 113 |
| 18.0 | 1 | 8.0 | 8.0 | 263 |
| 21.0 | 1 | 3.0 | 3.0 | 325 |
| | | 1130 hr. | | |
| 10.5 | 3 | 12.7 | 12.0 | 103 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **BANGALORE (CONTD.)** | | |
| | | 1130 hr. (Contd.) | | |
| 12.0 | 2 | 16.0 | 14.2 | 125 |
| 14.1 | 2 | 20.0 | 19.7 | 129 |
| 16.2 | 2 | 18.0 | 17.5 | 120 |
| 18.0 | 1 | 29.0 | 29.0 | 125 |
| 21.0 | 1 | 25.0 | 25.0 | 110 |
| | | 1730 hr.● | | |
| 10.5 | 7 | 8.6 | 7.9 | 126 |
| 12.0 | 5 | 11.6 | 11.0 | 128 |
| 14.1 | 4 | 14.5 | 13.2 | 118 |
| 16.2 | 2 | 11.0 | 11.0 | 113 |
| 18.0 | 2 | 4.0 | 4.0 | 258 |
| 21.0 | 2 | 3.5 | 3.5 | 294 |
| 24.0 | 1 | 3.0 | 3.0 | 148 |
| | | **BHOPAL/ BAIRAGARH** | | |
| | | 0530 hr. | | |
| 10.5 | 17 | 27.6 | 27.1 | 247 |
| 12.0 | 16 | 28.5 | 27.3 | 238 |
| 14.1 | 15 | 28.0 | 27.0 | 239 |
| 16.2 | 15 | 18.6 | 17.8 | 240 |
| 18.0 | 14 | 10.4 | 7.7 | 253 |
| 21.0 | 9 | 6.0 | 2.4 | 224 |
| 24.0 | 3 | 6.7 | 5.1 | 027 |
| | | 1730 hr. | | |
| 10.5 | 11 | 22.4 | 22.0 | 243 |
| 12.0 | 11 | 23.6 | 22.3 | 230 |
| 14.1 | 3 | 21.0 | 21.0 | 231 |
| 16.2 | 1 | 10.0 | 10.0 | 240 |
| | | **BHUJ/ RUDRAMATA** | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 28.0 | 27.0 | 261 |
| 12.0 | 1 | 44.0 | 44.0 | 251 |
| | | **BOMBAY/ SANTACRUZ** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 12.2 | 11.0 | 232 |
| 12.0 | 30 | 16.1 | 14.4 | 219 |
| 14.1 | 28 | 17.1 | 16.1 | 211 |
| 16.2 | 26 | 10.2 | 8.9 | 217 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **BOMBAY/ SANTACRUZ (CONTD.)** | | |
| | | 0530 hr. (Contd.) | | |
| 18.0 | 17 | 5.8 | 2.3 | 203 |
| 21.0 | 8 | 5.9 | 3.1 | 302 |
| 24.0 | 2 | 4.5 | 0.6 | 208 |
| | | 1130 hr. | | |
| 10.5 | 18 | 14.3 | 13.5 | 235 |
| 12.0 | 12 | 17.4 | 16.8 | 213 |
| 14.1 | 1 | 14.0 | 14.0 | 180 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 12.6 | 11.2 | 240 |
| 12.0 | 29 | 16.0 | 14.5 | 215 |
| 14.1 | 25 | 18.0 | 17.0 | 211 |
| 16.2 | 20 | 11.8 | 10.5 | 209 |
| 18.0 | 13 | 7.3 | 3.7 | 207 |
| 21.0 | 3 | 5.0 | 0.8 | 121 |
| 24.0 | 2 | 4.0 | 3.4 | 244 |
| | | **CALCUTTA/ DUM DUM** | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 16.8 | 16.3 | 253 |
| 12.0 | 30 | 19.6 | 18.2 | 254 |
| 14.1 | 30 | 18.7 | 17.7 | 243 |
| 16.2 | 30 | 14.5 | 13.7 | 249 |
| 18.0 | 17 | 8.3 | 7.2 | 263 |
| 21.0 | 4 | 10.2 | 9.9 | 272 |
| | | 1130 hr. | | |
| 10.5 | 4 | 18.5 | 17.5 | 244 |
| 12.0 | 1 | 20.0 | 20.0 | 245 |
| 14.1 | 1 | 28.0 | 28.0 | 220 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 18.3 | 17.7 | 254 |
| 12.0 | 30 | 20.5 | 18.8 | 253 |
| 14.1 | 30 | 20.5 | 19.2 | 243 |
| 16.2 | 29 | 14.3 | 13.0 | 241 |
| 18.0 | 14 | 10.6 | 9.6 | 267 |
| 21.0 | 2 | 7.5 | 6.4 | 250 |
| | | **COCHIN/ WILLINGDON** | | |
| | | 1730 hr. | | |
| 10.5 | 1 | 5.0 | 5.0 | 170 |
| 12.0 | 1 | 9.0 | 9.0 | 145 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | **DEHRA DUN** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 30.0 | 30.0 | 270 |
| | | **DIBRUGARH/ KOHANGARI** | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 41.0 | 41.0 | 260 |
| | | 1130 hr. | | |
| 10.5 | 5 | 39.6 | 39.5 | 268 |
| 12.0 | 5 | 45.4 | 43.6 | 271 |
| 14.1 | 4 | 55.5 | 49.5 | 285 |
| 16.2 | 3 | 48.0 | 47.7 | 259 |
| | | **GADAG** | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 6.1 | 4.0 | 158 |
| 12.0 | 5 | 9.2 | 7.8 | 151 |
| 14.1 | 2 | 10.5 | 10.4 | 165 |
| | | 1730 hr. | | |
| 10.5 | 5 | 7.8 | 7.7 | 171 |
| 12.0 | 3 | 9.7 | 9.2 | 176 |
| 14.1 | 2 | 19.5 | 18.9 | 161 |
| 16.2 | 2 | 6.5 | 6.0 | 147 |
| 18.0 | 1 | 5.0 | 5.0 | 095 |
| | | **GANGTOK** | | |
| | | 0830 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 250 |
| | | **GAUHATI** | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 26.8 | 26.5 | 269 |
| 12.0 | 24 | 30.0 | 29.4 | 266 |
| 14.1 | 20 | 32.9 | 31.0 | 265 |
| 16.2 | 14 | 25.7 | 25.1 | 265 |
| 18.0 | 5 | 11.8 | 9.6 | 257 |
| 21.0 | 4 | 3.7 | 1.8 | 286 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 27.5 | 27.2 | 268 |
| 12.0 | 29 | 30.5 | 28.5 | 265 |
| 14.1 | 24 | 30.8 | 30.2 | 265 |
| 16.2 | 11 | 21.6 | 20.6 | 260 |
| 18.0 | 4 | 7.8 | 6.8 | 328 |
| 21.0 | 1 | 4.0 | 4.0 | 110 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

November 1966 (Kartik 10 - Agrahayana 9, 1888 Saka).

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | GWALIOR | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 43.0 | 43.0 | 246 |
| | | 1130 hr. | | |
| 10.5 | 2 | 37.5 | 37.3 | 249 |
| 12.0 | 1 | 32.0 | 32.0 | 235 |
| | | 1730 hr. | | |
| 10.5 | 3 | 43.3 | 40.3 | 259 |
| 12.0 | 1 | 44.0 | 44.0 | 245 |
| | | IMPHAL/ TULIHAL | | |
| | | 1130 hr. | | |
| 10.5 | 2 | 32.5 | 32.5 | 259 |
| 12.0 | 2 | 30.5 | 30.3 | 255 |
| 14.1 | 1 | 32.0 | 31.8 | 265 |
| | | JABALPUR | | |
| | | 0530 hr. | | |
| 10.5 | 8 | 24.5 | 24.2 | 253 |
| 12.0 | 1 | 26.0 | 26.0 | 270 |
| | | 1730 hr. | | |
| 10.5 | 9 | 23.7 | 22.7 | 247 |
| 12.0 | 4 | 24.2 | 22.2 | 231 |
| | | JAGDALPUR | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 6.0 | 5.6 | 222 |
| 12.0 | 2 | 9.5 | 8.9 | 224 |
| 14.1 | 2 | 13.0 | 12.7 | 206 |
| 16.2 | 2 | 11.0 | 9.6 | 201 |
| 18.0 | 1 | 6.0 | 6.0 | 180 |
| 21.0 | 1 | 5.0 | 5.0 | 184 |
| | | 1730 hr. | | |
| 10.5 | 2 | 10.5 | 10.4 | 213 |
| | | JHARSUGUDA | | |
| | | 0530 hr. | | |
| 10.5 | 8 | 14.8 | 13.9 | 255 |
| 12.0 | 7 | 15.1 | 13.4 | 263 |
| 14.1 | 3 | 13.7 | 12.4 | 267 |
| 16.2 | 3 | 15.0 | 11.4 | 277 |
| 18.0 | 2 | 13.0 | 12.2 | 248 |
| 21.0 | 1 | 5.0 | 5.0 | 300 |
| 24.0 | 1 | 10.0 | 10.0 | 229 |
| 27.0 | 1 | 12.0 | 12.0 | 216 |
| 30.0 | 1 | 2.0 | 2.0 | 218 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | JHARSUGUDA (CONTD.) | | |
| | | 1730 hr. | | |
| 10.5 | 5 | 11.2 | 11.0 | 272 |
| 12.0 | 5 | 14.6 | 10.8 | 223 |
| 14.1 | 2 | 9.5 | 9.1 | 250 |
| | | JODHPUR | | |
| | | 0530 hr.* | | |
| 10.5 | 29 | 38.2 | 38.0 | 258 |
| 12.0 | 28 | 41.8 | 41.1 | 254 |
| 14.1 | 16 | 38.6 | 37.5 | 247 |
| 16.2 | 10 | 37.1 | 35.2 | 257 |
| 18.0 | 4 | 27.5 | 25.7 | 257 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 40.8 | 40.2 | 256 |
| 12.0 | 27 | 39.6 | 38.5 | 253 |
| 14.1 | 17 | 34.4 | 33.5 | 253 |
| 16.2 | 6 | 21.3 | 16.5 | 258 |
| 18.0 | 4 | 19.0 | 9.0 | 280 |
| 21.0 | 1 | 5.0 | 5.0 | 004 |
| | | LUCKNOW/ AMAUSI | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 40.1 | 32.1 | 267 |
| 12.0 | 21 | 45.7 | 42.7 | 259 |
| 14.1 | 17 | 25.8 | 36.2 | 264 |
| 16.2 | 11 | 33.9 | 32.7 | 263 |
| 18.0 | 6 | 27.2 | 25.8 | 279 |
| | | 1730 hr.* | | |
| 10.5 | 27 | 42.2 | 41.3 | 260 |
| 12.0 | 26 | 40.2 | 39.2 | 254 |
| 14.1 | 21 | 36.5 | 33.8 | 254 |
| 16.2 | 15 | 27.9 | 23.0 | 255 |
| 18.0 | 11 | 23.2 | 17.8 | 275 |
| 21.0 | 3 | 19.3 | 15.6 | 283 |
| | | MADRAS/ MINAMBAKKAM | | |
| | | 0530 hr.* | | |
| 10.5 | 22 | 9.2 | 7.5 | 125 |
| 12.0 | 22 | 12.2 | 10.9 | 127 |
| 14.1 | 22 | 15.0 | 13.5 | 122 |
| 16.2 | 12 | 11.0 | 9.3 | 123 |
| 18.0 | 3 | 5.3 | 5.3 | 055 |
| 21.0 | 2 | 9.0 | 8.7 | 301 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | MADRAS/ MINAMBAKKAM (CONTD.) | | |
| | | 0530 hr.* (Contd.) | | |
| 24.0 | 1 | 7.0 | 7.0 | 030 |
| | | 1130 hr. | | |
| 10.5 | 1 | 11.0 | 11.0 | 138 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 9.8 | 8.3 | 125 |
| 12.0 | 25 | 12.0 | 9.9 | 120 |
| 14.1 | 23 | 14.5 | 13.3 | 127 |
| 16.2 | 13 | 8.9 | 7.0 | 130 |
| 18.0 | 6 | 8.3 | 4.6 | 058 |
| | | 2330 hr. | | |
| 10.5 | 1 | 17.0 | 17.0 | 070 |
| 12.0 | 1 | 16.0 | 16.0 | 100 |
| 14.1 | 1 | 31.0 | 31.0 | 110 |
| | | MANGALORE/ BAJPE | | |
| | | 0530 hr. | | |
| 10.5 | 5 | 9.0 | 8.5 | 126 |
| 12.0 | 4 | 11.0 | 10.3 | 122 |
| 14.1 | 2 | 18.5 | 18.1 | 127 |
| 16.2 | 1 | 8.0 | 8.0 | 155 |
| | | 1730 hr. | | |
| 10.5 | 4 | 6.3 | 4.2 | 103 |
| 12.0 | 3 | 9.3 | 8.5 | 138 |
| 14.1 | 2 | 16.5 | 16.1 | 123 |
| 16.2 | 1 | 5.0 | 5.0 | 130 |
| 18.0 | 1 | 3.0 | 3.0 | 075 |
| 21.0 | 1 | 4.0 | 4.0 | 295 |
| | | MINICOY | | |
| | | 0530 hr. | | |
| 10.5 | 3 | 10.3 | 8.8 | 110 |
| 12.0 | 2 | 16.0 | 15.9 | 120 |
| 14.1 | 2 | 5.5 | 5.3 | 164 |
| 16.2 | 1 | 11.0 | 11.0 | 105 |
| | | 1130 hr. | | |
| 10.5 | 1 | 14.0 | 14.0 | 135 |
| | | 1730 hr.* | | |
| 10.5 | 27 | 7.6 | 5.6 | 101 |
| 12.0 | 27 | 11.6 | 10.5 | 109 |
| 14.1 | 25 | 15.2 | 14.1 | 106 |
| 16.2 | 19 | 9.2 | 6.8 | 089 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | MINICOY (CONTD.) | | |
| | | 1730 hr.* (Contd.) | | |
| 18.0 | 13 | 7.8 | 2.6 | 136 |
| 21.0 | 6 | 8.6 | 7.9 | 264 |
| 24.0 | 1 | 15.0 | 15.0 | 242 |
| | | NAGPUR/ SONEGAON | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 15.8 | 15.0 | 243 |
| 12.0 | 29 | 18.3 | 17.0 | 230 |
| 14.1 | 27 | 18.0 | 16.9 | 235 |
| 16.2 | 16 | 10.3 | 9.2 | 235 |
| 18.0 | 9 | 6.0 | 4.0 | 244 |
| 21.0 | 4 | 7.7 | 5.5 | 242 |
| 24.0 | 1 | 4.0 | 4.0 | 010 |
| | | 1130 hr. | | |
| 10.5 | 10 | 16.5 | 8.7 | 153 |
| 12.0 | 2 | 21.5 | 20.6 | 250 |
| | | 1730 hr.* | | |
| 10.5 | 29 | 16.5 | 15.5 | 242 |
| 12.0 | 29 | 19.1 | 16.5 | 225 |
| 14.1 | 26 | 18.1 | 16.5 | 224 |
| 16.2 | 14 | 14.1 | 13.8 | 224 |
| 18.0 | 4 | 5.7 | 5.5 | 207 |
| 21.0 | 1 | 3.0 | 2.0 | 173 |
| | | NEW DELHI/ SAFDARJUNG | | |
| | | 0530 hr.* | | |
| 10.5 | 30 | 50.0 | 49.5 | 259 |
| 12.0 | 26 | 52.0 | 51.0 | 256 |
| 14.1 | 21 | 41.1 | 40.5 | 256 |
| 16.2 | 18 | 19.7 | 19.2 | 267 |
| 18.0 | 18 | 9.9 | 9.1 | 272 |
| 21.0 | 9 | 9.5 | 9.0 | 290 |
| 24.0 | 5 | 14.2 | 13.8 | 265 |
| 27.0 | 3 | 12.0 | 11.7 | 240 |
| | | 1130 hr. | | |
| 10.5 | 3 | 60.0 | 59.5 | 270 |
| | | 1730 hr.* | | |
| 10.5 | 30 | 50.0 | 49.5 | 258 |
| 12.0 | 23 | 52.4 | 51.8 | 255 |
| 14.1 | 18 | 41.0 | 39.6 | 256 |
| 16.2 | 14 | 24.5 | 23.2 | 263 |

TABLE V - MONTHLY MEAN DIRECTIONS AND VELOCITIES OF UPPER WINDS

Winds above 9 Km. above sea level.

November 1966 (Kartik 10 - Agrahayana 9, 1888 Saka).

| t. n m. | N | S | V | D |
|---|---|---|---|---|
| | | NEW DELHI/ SAFDARJUNG (CONTD.) | | |
| | | 1730 hr.* (Contd.) | | |
| 8.0 | 10 | 15.4 | 10.4 | 269 |
| 1.0 | 8 | 9.7 | 4.4 | 284 |
| 4.0 | 3 | 11.7 | 10.9 | 273 |
| | | POONA | | |
| | | 1730 hr. | | |
| 0.5 | 2 | 9.5 | 9.5 | 235 |
| 2.0 | 2 | 14.0 | 14.0 | 215 |
| | | PORT BLAIR | | |
| | | 0530 hr.* | | |
| 0.5 | 23 | 9.3 | 8.3 | 094 |
| 2.0 | 23 | 10.1 | 8.8 | 100 |
| 4.1 | 20 | 15.3 | 14.9 | 094 |
| 6.2 | 16 | 13.3 | 12.0 | 084 |
| 8.0 | 8 | 8.6 | 6.9 | 095 |
| 1.0 | 3 | 8.3 | 8.1 | 262 |
| | | 1130 hr. | | |
| 0.5 | 2 | 6.5 | 6.5 | 092 |
| 2.0 | 1 | 8.0 | 8.0 | 174 |
| 4.1 | 1 | 11.0 | 11.0 | 137 |
| 6.2 | 1 | 6.0 | 6.0 | 135 |
| | | 1730 hr.* | | |
| 0.5 | 22 | 8.0 | 5.9 | 106 |
| 2.0 | 20 | 10.3 | 8.0 | 106 |
| 4.1 | 17 | 12.8 | 11.7 | 105 |
| 6.2 | 13 | 17.9 | 17.4 | 100 |
| 8.0 | 6 | 12.7 | 11.7 | 102 |
| 1.0 | 3 | 7.0 | 3.6 | 184 |
| 4.0 | 1 | 1.0 | 1.0 | 090 |
| | | RAIPUR | | |
| | | 0530 hr. | | |
| 0.5 | 10 | 15.0 | 14.4 | 241 |
| 2.0 | 4 | 18.3 | 17.8 | 220 |
| 4.1 | 1 | 17.0 | 17.0 | 240 |
| | | 1730 hr. | | |
| 0.5 | 5 | 11.0 | 10.7 | 249 |
| 2.0 | 1 | 11.0 | 11.0 | 225 |
| 4.1 | 1 | 12.0 | 12.0 | 200 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | RAXAUL | | |
| | | 0530 hr. | | |
| 10.5 | 1 | 27.0 | 27.0 | 240 |
| | | SRINAGAR | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 30.5 | 29.3 | 263 |
| 12.0 | 28 | 38.5 | 37.9 | 266 |
| 14.1 | 18 | 37.9 | 37.4 | 270 |
| 16.2 | 7 | 28.9 | 28.3 | 270 |
| 18.0 | 1 | 43.0 | 43.0 | 285 |
| | | 1730 hr.* | | |
| 10.5 | 27 | 30.0 | 28.3 | 266 |
| 12.0 | 25 | 38.6 | 37.6 | 265 |
| 14.1 | 14 | 32.5 | 31.6 | 271 |
| 16.2 | 2 | 35.0 | 35.0 | 268 |
| | | TRIVANDRUM | | |
| | | 0530 hr.* | | |
| 10.5 | 28 | 8.2 | 6.9 | 109 |
| 12.0 | 28 | 11.9 | 11.1 | 107 |
| 14.1 | 25 | 18.0 | 17.2 | 100 |
| 16.2 | 17 | 10.5 | 8.0 | 087 |
| 18.0 | 9 | 8.4 | 6.8 | 275 |
| 21.0 | 4 | 8.7 | 8.7 | 275 |
| 24.0 | 2 | 10.5 | 8.5 | 222 |
| | | 1130 hr. | | |
| 10.5 | 3 | 12.7 | 11.8 | 117 |
| 12.0 | 3 | 17.0 | 16.9 | 104 |
| 14.1 | 2 | 19.0 | 18.9 | 106 |
| 16.2 | 1 | 19.0 | 19.0 | 110 |
| 18.0 | 1 | 19.0 | 19.0 | 065 |
| 21.0 | 1 | 41.0 | 41.0 | 085 |
| | | 1730 hr.* | | |
| 10.5 | 26 | 9.1 | 7.5 | 104 |
| 12.0 | 25 | 12.1 | 10.3 | 112 |
| 14.1 | 24 | 16.4 | 15.0 | 096 |
| 16.2 | 17 | 11.7 | 10.4 | 089 |
| 18.0 | 9 | 6.6 | 3.3 | 244 |
| 21.0 | 3 | 8.3 | 8.1 | 279 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | UDAIPUR | | |
| | | 0530 hr. | | |
| 10.5 | 7 | 33.6 | 33.0 | 250 |
| | | 1730 hr. | | |
| 10.5 | 4 | 31.0 | 30.3 | 245 |
| | | VENGURLA | | |
| | | 1730 hr. | | |
| 10.5 | 6 | 8.8 | 3.3 | 184 |
| 12.0 | 1 | 15.0 | 15.0 | 190 |
| | | VERAVAL | | |
| | | 1730 hr. | | |
| 10.5 | 11 | 22.2 | 21.9 | 245 |
| 12.0 | 4 | 26.3 | 26.1 | 237 |
| | | VIJAYAWADA/ GANNAVARAM | | |
| | | 0530 hr. | | |
| 10.5 | 2 | 3.0 | 3.0 | 200 |
| 12.0 | 2 | 10.0 | 9.9 | 161 |
| 14.1 | 1 | 21.0 | 21.0 | 165 |
| 16.2 | 1 | 9.0 | 9.0 | 165 |
| | | VISHAKHAPATNAM | | |
| | | 0530 hr.* | | |
| 10.5 | 26 | 8.2 | 5.3 | 182 |
| 12.0 | 25 | 9.0 | 5.1 | 177 |
| 14.1 | 22 | 10.5 | 7.4 | 160 |
| 16.2 | 14 | 10.0 | 6.6 | 146 |
| 18.0 | 6 | 5.0 | 2.1 | 135 |
| 21.0 | 1 | 11.0 | 11.0 | 176 |
| | | 1130 hr. | | |
| 10.5 | 5 | 7.4 | 4.0 | 176 |
| 12.0 | 4 | 8.3 | 6.5 | 168 |
| 14.1 | 4 | 9.7 | 8.6 | 177 |
| 16.2 | 4 | 10.0 | 8.3 | 161 |
| 18.0 | 4 | 7.5 | 7.4 | 137 |
| 21.0 | 3 | 13.7 | 13.1 | 128 |
| 24.0 | 2 | 20.0 | 19.9 | 126 |
| | | 1730 hr.* | | |
| 10.5 | 25 | 7.8 | 4.6 | 196 |
| 12.0 | 25 | 9.1 | 6.5 | 193 |
| 14.1 | 21 | 12.7 | 9.9 | 187 |

| Ht. in Km. | N | S | V | D |
|---|---|---|---|---|
| | | VISHAKHAPATNAM (CONTD) | | |
| | | 1730 hr.* (Contd.) | | |
| 16.2 | 13 | 7.0 | 4.9 | 152 |
| 18.0 | 7 | 5.6 | 3.0 | 110 |
| 21.0 | 1 | 11.0 | 11.0 | 145 |
| | | 2330 hr. | | |
| 10.5 | 1 | 9.0 | 9.0 | 085 |
| 12.0 | 1 | 14.0 | 14.0 | 135 |
| 14.1 | 1 | 21.0 | 21.0 | 140 |

## RADIOSONDE DATA

During the month, observations of upper air temperature, pressure and and humidity were made at 16 stations in India as given in the list below. For detailed description of the instruments used, a reference may be made to the I.M.D. Scientific Notes Nos. 112 and 113 (Volume IX).

### List of Radiosonde stations in India

| S.No. | Name of Station | Type of instrument used | Date of starting | Hours of routine observations in GMT during the month | Remarks |
|---|---|---|---|---|---|
| 1. | Ahmadabad | Fan type | 20th Jul. 1961 | 00 and 12 | |
| 2. | Bangalore | Fan type | 10th Mar. 1961 | 00 and 12 | |
| 3. | Bombay/Santacruz | Clock type | 7th Sep. 1954 | 00 and 12 | |
| 4. | Calcutta/Dum Dum | Clock type | 13th Dec. 1946 | 00 and 12 | Fan type used from 13.12.1946 to 30.11.1947. |
| 5. | Ernakulam | Fan type | 1st Aug. 1966 | 00 and 12 | |
| 6. | Gauhati | Clock type | 22nd Jul. 1955 | 00 and 12 | |
| 7. | Jodhpur | Clock type | 17th Apr. 1946 | 00 and 12 | |
| 8. | Lucknow | Clock type | 15th Aug. 1966 | 00 and 12 | |
| 9. | Madras/Minambakkam | Fan type | 29th Jun. 1946 | 00 and 12 | |
| 10. | Minicoy | Fan type | 12th May. 1963 | 12 | |
| 11. | Nagpur/Sonegaon | Fan type | 1st Oct. 1946 | 00 and 12 | |
| 12. | New Delhi/Safdarjung | Clock type | 3rd Dec. 1943 | 00 and 12 | |
| 13. | Port Blair | Fan type | 4th Dec. 1949 | 00 and 12 | |
| 14. | Srinagar | Clock type | 1st Aug. 1962 | 00 and 12 | |
| 15. | Trivandrum | Fan type | 1st Jul. 1947 | 00 and 12 | |
| 16. | Visakhapatnam | Fan type | 8th Dec. 1946 | 00 and 12 | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | AHMADABAD SURFACE PR ( 1004 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BANGALORE ( 909 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | BOMBAY/SANTACRUZ ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00055 | 292.9 | 299 | 288 | 283.4 | 30 | 00921 | 291.8 | 293 | 287 | 290.7 | 30 | 00013 | 296.5 | 300 | 292 | 291.5 |
| 1000 | 30 | 00092 | 293.7 | 300 | 289 | 282.2 | 30 | 00102 | | | | | 30 | 00077 | 297.3 | 300 | 293 | 290.8 |
| 900 | 30 | 01017 | 295.9 | 302 | 291 | 279.1 | 30 | 01010 | 291.8 | 293 | 288 | 290.1 | 30 | 01010 | 295.3 | 301 | 291 | 286.0 |
| 850 | 30 | 01516 | 292.4 | 298 | 287 | 277.7 | 29 | 01502 | 290.9 | 292 | 289 | 287.0 | 30 | 01506 | 292.1 | 297 | 288 | 283.6 |
| 800 | 30 | 02031 | 288.3 | 293 | 284 | 275.8 | 29 | 02018 | 288.4 | 291 | 285 | 286.4 | 30 | 02025 | 288.7 | 294 | 283 | 281.4 |
| 700 | 30 | 03148 | 281.6 | 285 | 279 | 263.8 | 29 | 03142 | 282.8 | 287 | 279 | 277.1 | 30 | 03147 | 282.9 | 288 | 277 | 273.1 |
| 600 | 30 | 04404 | 275.8 | 279 | 273 | 245.0 | 29 | 04407 | 277.8 | 281 | 273 | 270.3 | 30 | 04414 | 277.3 | 282 | 273 | 264.8 |
| 500 | 30 | 05864 | 267.3 | 272 | 261 | | 29 | 05829 | 270.1 | 275 | 265 | | 30 | 05878 | 269.5 | 273 | 265 | |
| 400 | 30 | 07576 | 256.3 | 260 | 252 | | 29 | 07630 | 259.2 | 263 | 253 | | 30 | 07607 | 258.5 | 264 | 253 | |
| 300 | 30 | 09681 | 241.6 | 245 | 237 | | 28 | 09734 | 244.6 | 251 | 237 | | 30 | 09731 | 244.1 | 248 | 239 | |
| 250 | 30 | 10928 | 232.1 | 236 | 227 | | 27 | 11014 | 235.1 | 241 | 225 | | 30 | 11013 | 235.4 | 239 | 231 | |
| 200 | 29 | 12437 | 220.9 | 227 | 211 | | 25 | 12513 | 223.1 | 231 | 214 | | 30 | 12517 | 224.0 | 228 | 217 | |
| 175 | 25 | 13294 | 214.3 | 221 | 208 | | 25 | 13366 | 216.6 | 225 | 208 | | 29 | 13384 | 218.3 | 224 | 212 | |
| 150 | 23 | 14257 | 207.8 | 215 | 201 | | 24 | 14337 | 209.7 | 220 | 202 | | 29 | 14357 | 212.1 | 218 | 205 | |
| 125 | 15 | 15350 | 200.1 | 206 | 196 | | 21 | 15457 | 204.1 | 213 | 196 | | 28 | 15474 | 205.3 | 213 | 197 | |
| 100 | 07 | 16646 | 196.4 | 200 | 193 | | 20 | 16737 | 199.8 | 207 | 189 | | 26 | 16792 | 200.3 | 209 | 192 | |
| 80 | 05 | 17896 | 199.4 | 202 | 196 | | 17 | 18153 | 206.4 | 215 | 197 | | 19 | 18090 | 203.5 | 215 | 197 | |
| 70 | | | | | | | 16 | 19890 | 210.3 | 219 | 199 | | 17 | 18877 | 207.0 | 214 | 201 | |
| 60 | | | | | | | 15 | 20955 | 214.1 | 222 | 201 | | 12 | 19829 | 210.9 | 215 | 205 | |
| 50 | | | | | | | 12 | 22348 | 219.0 | 229 | 205 | | 10 | 20939 | 215.1 | 220 | 209 | |
| 40 | | | | | | | 06 | 24258 | 221.5 | 231 | 210 | | 06 | 22324 | 218.7 | 225 | 212 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | CALCUTTA/DUM DUM SURFACE PR ( 1011 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | ERNAKULAM ( 1008 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | GAUHATI ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00006 | 293.0 | 297 | 289 | 291.5 | 29 | 00003 | 297.6 | 301 | 296 | 296.1 | 30 | 00049 | 291.9 | 296 | 286 | 290.9 |
| 1000 | 30 | 00106 | 293.8 | 297 | 291 | 290.4 | 29 | 00074 | 298.6 | 301 | 296 | 295.9 | 29 | 00113 | 291.9 | 294 | 287 | 290.3 |
| 900 | 30 | 01020 | 292.5 | 296 | 291 | 283.6 | 29 | 00998 | 293.7 | 295 | 291 | 290.8 | 29 | 01021 | 291.1 | 295 | 287 | 285.9 |
| 850 | 30 | 01504 | 289.6 | 292 | 287 | 280.3 | 29 | 01456 | 291.1 | 293 | 288 | 287.6 | 29 | 01508 | 288.5 | 293 | 282 | 282.6 |
| 800 | 30 | 02026 | 286.4 | 289 | 283 | 277.4 | 29 | 02009 | 288.3 | 291 | 285 | 284.2 | 29 | 02021 | 258.8 | 290 | 281 | 279.1 |
| 700 | 30 | 03137 | 281.6 | 285 | 279 | 270.2 | 29 | 03133 | 283.6 | 282 | 267 | 273.7 | 29 | 03131 | 280.1 | 285 | 277 | 266.6 |
| 600 | 30 | 04398 | 274.7 | 278 | 271 | 264.7 | 28 | 04403 | 277.3 | 281 | 273 | 266.7 | 29 | 04382 | 274.9 | 278 | 271 | 256.2 |
| 500 | 30 | 05850 | 267.5 | 271 | 263 | | 28 | 05868 | 269.7 | 274 | 266 | | 29 | 05835 | 267.9 | 273 | 265 | |
| 400 | 30 | 07568 | 257.6 | 260 | 253 | | 28 | 07599 | 259.0 | 263 | 255 | | 29 | 07567 | 258.3 | 263 | 254 | |
| 300 | 30 | 09684 | 243.7 | 248 | 237 | | 28 | 09726 | 244.6 | 250 | 241 | | 29 | 09678 | 244.7 | 252 | 241 | |
| 250 | 30 | 10962 | 234.2 | 238 | 229 | | 27 | 11011 | 235.5 | 243 | 241 | | 28 | 10999 | 233.2 | 244 | 231 | |
| 200 | 30 | 12461 | 223.4 | 228 | 216 | | 27 | 12515 | 223.8 | 233 | 218 | | 27 | 12456 | 224.2 | 229 | 217 | |
| 175 | 30 | 13327 | 217.4 | 222 | 210 | | 27 | 13367 | 217.5 | 228 | 211 | | 23 | 13336 | 218.3 | 223 | 211 | |
| 150 | 30 | 14294 | 211.1 | 218 | 200 | | 26 | 14346 | 211.0 | 223 | 204 | | 21 | 14308 | 212.7 | 217 | 207 | |
| 125 | 30 | 15400 | 203.9 | 211 | 194 | | 24 | 15429 | 203.7 | 215 | 197 | | 16 | 15297 | 206.0 | 211 | 199 | |
| 100 | 30 | 16687 | 197.1 | 204 | 190 | | 21 | 16787 | 200.9 | 209 | 193 | | 13 | 16762 | 202.0 | 207 | 196 | |
| 80 | 19 | 17973 | 196.2 | 204 | 189 | | 18 | 18113 | 205.5 | 213 | 199 | | 10 | 18117 | 203.3 | 212 | 195 | |
| 70 | 16 | 18771 | 200.8 | 207 | 195 | | 15 | 18963 | 210.3 | 218 | 202 | | 09 | 18913 | 208.8 | 217 | 197 | |
| 60 | 13 | 19718 | 205.7 | 213 | 200 | | 12 | 19908 | 213.0 | 219 | 206 | | 09 | 19970 | 214.1 | 219 | 200 | |
| 50 | 10 | 20802 | 211.3 | 216 | 206 | | 11 | 21035 | 216.7 | 221 | 211 | | 08 | 21025 | 219.7 | 232 | 204 | |
| 40 | 08 | 22176 | 215.0 | 219 | 211 | | 09 | 22417 | 221.2 | 225 | 217 | | | | | | | |
| 30 | 06 | 24030 | 220.5 | 226 | 217 | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | JODHPUR SURFACE PR ( 985 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | LUCKNOW/AMAUSI ( 998 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | MADRAS/MINAMBAKKAM ( 1007 MB) NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SURFACE | 30 | 00217 | 293.1 | 297 | 289 | 278.6 | 30 | 00127 | 290.8 | 295 | 285 | 288.7 | 30 | 00015 | 297.3 | 299 | 295 | 296.2 |
| 1000 | 30 | 00081 | | | | | 29 | 00113 | | | | | 27 | 00080 | 297.3 | 299 | 296 | 295.7 |
| 900 | 30 | 00992 | 293.4 | 300 | 288 | 267.0 | 29 | 01019 | 291.9 | 299 | 287 | 275.3 | 27 | 00996 | 292.7 | 295 | 289 | 288.4 |
| 850 | 30 | 01483 | 290.4 | 298 | 284 | 265.3 | 29 | 01508 | 288.4 | 295 | 280 | 273.3 | 27 | 01488 | 290.4 | 293 | 287 | 284.9 |
| 800 | 30 | 02027 | 287.0 | 294 | 283 | 263.6 | 29 | 02020 | 284.4 | 289 | 269 | 269.8 | 27 | 02005 | 284.0 | 290 | 283 | 281.4 |
| 700 | 30 | 03107 | 280.8 | 287 | 275 | 258.2 | 29 | 03127 | 278.5 | 282 | 274 | 263.9 | 27 | 03125 | 282.7 | 286 | 277 | 273.2 |
| 600 | 30 | 04373 | 273.4 | 277 | 269 | 249.1 | 29 | 04374 | 272.9 | 278 | 266 | 249.4 | 27 | 04379 | 276.6 | 282 | 273 | 257.5 |
| 500 | 30 | 05744 | 265.2 | 271 | 261 | | 29 | 05814 | 264.8 | 268 | 259 | | 26 | 05793 | 269.1 | 273 | 265 | |
| 400 | 30 | 07495 | 253.9 | 258 | 250 | | 29 | 07512 | 255.4 | 260 | 250 | | 25 | 07621 | 258.4 | 263 | 255 | |
| 300 | 30 | 09584 | 240.6 | 245 | 237 | | 29 | 09606 | 241.2 | 246 | 237 | | 24 | 09702 | 243.6 | 248 | 239 | |
| 250 | 30 | 10847 | 232.2 | 237 | 226 | | 29 | 10871 | 232.6 | 238 | 221 | | 24 | 10977 | 234.0 | 239 | 230 | |
| 200 | 29 | 12338 | 221.6 | 227 | 218 | | 27 | 12367 | 222.1 | 227 | 213 | | 24 | 12472 | 221.8 | 229 | 216 | |
| 175 | 28 | 13189 | 215.5 | 224 | 208 | | 27 | 13235 | 215.7 | 222 | 205 | | 24 | 13327 | 215.0 | 222 | 209 | |
| 150 | 24 | 14144 | 209.4 | 221 | 203 | | 26 | 14185 | 209.4 | 219 | 197 | | 23 | 14286 | 208.5 | 216 | 201 | |
| 125 | 22 | 15238 | 202.9 | 217 | 195 | | 21 | 15340 | 202.6 | 211 | 195 | | 18 | 15344 | 203.2 | 211 | 196 | |
| 100 | 17 | 16557 | 200.0 | 210 | 195 | | 20 | 16603 | 200.2 | 211 | 192 | | 13 | 16692 | 198.8 | 207 | 194 | |
| 80 | 11 | 17890 | 203.5 | 213 | 196 | | 18 | 17539 | 199.4 | 213 | 196 | | 07 | 18057 | 205.9 | 212 | 199 | |
| 70 | 06 | 18784 | 210.2 | 218 | 199 | | 15 | 18721 | 203.0 | 213 | 198 | | 07 | 18818 | 208.9 | 216 | 201 | |
| 60 | | | | | | | 12 | 19651 | 205.9 | 214 | 199 | | | | | | | |
| 50 | | | | | | | 09 | 20730 | 210.4 | 215 | 204 | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(A) FROM ASCENTS AT 00 HRS G.M.T.
NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE MB | NAGPUR/SONEGAON SURFACE PR ( 976 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 989 MB) | | | | | | PORT BLAIR ( 999 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00311 | 292.0 | 295 | 289 | 287.6 | 30 | 00209 | 287.5 | 293 | 282 | 281.3 | 28 | 00079 | 298.3 | 302 | 296 | 296.4 |
| 1000 | 30 | 00101 | | | | | 30 | 00116 | | | | | 28 | 00087 | 298.5 | 302 | 296 | 296.5 |
| 900 | 30 | 01015 | 294.0 | 299 | 290 | 285.7 | 30 | 01016 | 290.1 | 295 | 285 | 274.1 | 28 | 01003 | 294.1 | 298 | 292 | 289.9 |
| 850 | 30 | 01508 | 291.1 | 295 | 287 | 284.0 | 30 | 01501 | 286.9 | 292 | 281 | 270.6 | 28 | 01493 | 291.5 | 295 | 289 | 287.5 |
| 800 | 30 | 02024 | 287.7 | 292 | 282 | 281.7 | 30 | 02009 | 283.7 | 290 | 278 | 268.3 | 28 | 02002 | 289.2 | 293 | 285 | 283.8 |
| 700 | 30 | 03144 | 282.3 | 287 | 279 | 274.0 | 30 | 03108 | 276.6 | 282 | 272 | 259.3 | 28 | 03141 | 283.8 | 287 | 280 | 277.6 |
| 600 | 30 | 04410 | 276.5 | 281 | 273 | 263.8 | 30 | 04342 | 269.7 | 274 | 263 | | 27 | 04412 | 277.0 | 280 | 275 | 270.8 |
| 500 | 30 | 05872 | 269.2 | 273 | 266 | | 30 | 05763 | 261.4 | 266 | 255 | | 25 | 05877 | 269.6 | 272 | 267 | |
| 400 | 30 | 07599 | 258.4 | 263 | 251 | | 30 | 07437 | 250.7 | 256 | 243 | | 24 | 07680 | 260.2 | 265 | 256 | |
| 300 | 30 | 09720 | 243.9 | 250 | 239 | | 30 | 09502 | 239.1 | 245 | 235 | | 24 | 09747 | 246.5 | 250 | 237 | |
| 250 | 30 | 10999 | 235.0 | 243 | 230 | | 30 | 10761 | 231.8 | 239 | 227 | | 23 | 11035 | 236.6 | 242 | 232 | |
| 200 | 29 | 12497 | 223.5 | 233 | 217 | | 30 | 12246 | 222.0 | 229 | 215 | | 23 | 12538 | 225.2 | 233 | 216 | |
| 175 | 27 | 13339 | 216.8 | 223 | 211 | | 29 | 13104 | 217.2 | 224 | 210 | | 19 | 13392 | 218.0 | 224 | 207 | |
| 150 | 27 | 14320 | 210.1 | 218 | 203 | | 29 | 14072 | 211.2 | 218 | 204 | | 17 | 14370 | 213.0 | 219 | 206 | |
| 125 | 19 | 15106 | 203.3 | 210 | 195 | | 27 | 15184 | 205.5 | 213 | 197 | | 16 | 15474 | 205.3 | 214 | 197 | |
| 100 | 19 | 16711 | 199.2 | 206 | 191 | | 27 | 16513 | 201.8 | 211 | 195 | | 13 | 17801 | 202.2 | 210 | 192 | |
| 80 | 12 | 18027 | 202.0 | 210 | 193 | | 26 | 17828 | 202.8 | 210 | 196 | | 07 | 18091 | 203.4 | 208 | 196 | |
| 70 | 11 | 18833 | 205.1 | 215 | 194 | | 22 | 18643 | 205.1 | 211 | 195 | | 06 | 18935 | 207.8 | 214 | 203 | |
| 60 | 09 | 19783 | 207.2 | 219 | 195 | | 16 | 19507 | 207.5 | 217 | 199 | | | | | | | |
| 50 | 07 | 20919 | 212.2 | 224 | 197 | | 09 | 20568 | 211.5 | 217 | 206 | | | | | | | |
| 40 | | | | | | | 06 | 21957 | 216.5 | 223 | 213 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
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| STANDARD PRESSURE SURFACE MB | SRINAGAR SURFACE PR ( 845 MB) | | | | | | TRIVANDRUM ( 1001 MB) | | | | | | VISHAKAPATNAM ( 1006 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 01588 | 273.1 | 281 | 270 | 272.6 | 30 | 00064 | 297.4 | 299 | 296 | 299.8 | 30 | 00041 | 297.9 | 299 | 295 | 294.5 |
| 1000 | 30 | 00217 | | | | | 30 | 00075 | 297.4 | 299 | 296 | 295.6 | 30 | 00091 | 297.4 | 299 | 295 | 294.1 |
| 900 | 30 | 01082 | | | | | 30 | 00998 | 293.7 | 296 | 290 | 290.3 | 28 | 01009 | 293.0 | 296 | 290 | 287.6 |
| 850 | 30 | 01541 | | | | | 30 | 01492 | 291.4 | 295 | 288 | 287.4 | 28 | 01502 | 290.8 | 293 | 289 | 283.9 |
| 800 | 30 | 02030 | 275.2 | 279 | 272 | 270.2 | 30 | 02011 | 288.9 | 294 | 286 | 284.2 | 28 | 02020 | 288.5 | 292 | 285 | 281.9 |
| 700 | 30 | 03102 | 270.9 | 276 | 267 | 219.7 | 30 | 03137 | 283.7 | 287 | 280 | 276.7 | 28 | 03143 | 282.8 | 286 | 280 | 276.3 |
| 600 | 30 | 04311 | 263.0 | 268 | 257 | | 30 | 04409 | 277.3 | 281 | 271 | 270.4 | 28 | 04409 | 276.2 | 283 | 273 | 259.0 |
| 500 | 30 | 05693 | 253.6 | 260 | 248 | | 30 | 05872 | 269.6 | 273 | 264 | | 28 | 05868 | 268.5 | 274 | 261 | |
| 400 | 30 | 07317 | 242.1 | 250 | 235 | | 30 | 07604 | 259.2 | 264 | 253 | | 28 | 07595 | 258.7 | 266 | 253 | |
| 300 | 29 | 09308 | 229.8 | 237 | 223 | | 30 | 09729 | 244.0 | 250 | 238 | | 28 | 09720 | 244.3 | 249 | 238 | |
| 250 | 28 | 10516 | 224.4 | 230 | 220 | | 30 | 11008 | 234.5 | 241 | 229 | | 27 | 10966 | 225.9 | 239 | 230 | |
| 200 | 28 | 11967 | 221.0 | 231 | 217 | | 30 | 12506 | 221.6 | 228 | 214 | | 26 | 12501 | 222.7 | 229 | 215 | |
| 175 | 24 | 12829 | 219.3 | 231 | 215 | | 27 | 13348 | 214.6 | 223 | 207 | | 26 | 13355 | 217.0 | 223 | 212 | |
| 150 | 23 | 13812 | 216.8 | 228 | 212 | | 25 | 14318 | 208.6 | 218 | 200 | | 26 | 14332 | 211.3 | 216 | 204 | |
| 125 | 18 | 14929 | 213.5 | 220 | 206 | | 20 | 15395 | 201.7 | 210 | 190 | | 19 | 15416 | 204.0 | 212 | 194 | |
| 100 | 16 | 16347 | 212.0 | 220 | 201 | | 18 | 16745 | 198.7 | 204 | 191 | | 15 | 16770 | 199.6 | 208 | 196 | |
| 80 | 12 | 17709 | 210.2 | 217 | 203 | | 14 | 18080 | 204.6 | 216 | 197 | | 10 | 18088 | 202.1 | 209 | 197 | |
| 70 | 09 | 18555 | 212.4 | 218 | 208 | | 13 | 18910 | 206.7 | 218 | 195 | | 08 | 18850 | 205.0 | 213 | 200 | |
| 60 | 07 | 19520 | 213.2 | 218 | 207 | | 11 | 19818 | 209.7 | 215 | 204 | | 07 | 19785 | 209.1 | 216 | 206 | |
| 50 | 07 | 20664 | 215.3 | 220 | 211 | | 08 | 20997 | 214.4 | 221 | 207 | | 06 | 20902 | 213.8 | 216 | 209 | |
| 40 | 05 | 22133 | 216.8 | 225 | 212 | | 06 | 22467 | 221.5 | 227 | 219 | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
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RADIO SONDE DATA

TABLE VI-MEAN DYNAMIC HEIGHT,TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE

(B) FROM ASCENTS AT 12 HRS G.M.T.

NOVEMBER,1966.(KARTIKA 10 - AGRAHAYANA 9,1888 SAKA)

| STANDARD PRESSURE SURFACE | AHMADABAD SURFACE PR ( 1003 MB) | | | | | | BANGALORE ( 908 MB) | | | | | | BOMBAY/SANTACRUZ ( 1006 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00055 | 305.4 | 309 | 301 | 285.0 | 30 | 00921 | 296.5 | 300 | 292 | 291.1 | 30 | 00013 | 303.2 | 305 | 301 | 292.9 |
| 1000 | 30 | 00082 | 305.1 | 309 | 302 | 284.5 | | | | | | | 30 | 00066 | 302.3 | 305 | 299 | 291.8 |
| 900 | 30 | 01018 | 298.0 | 303 | 294 | 279.3 | 30 | 00997 | 296.2 | 300 | 292 | 290.0 | 30 | 01003 | 296.8 | 301 | 293 | 286.8 |
| 850 | 30 | 01516 | 293.7 | 299 | 289 | 277.1 | 29 | 01494 | 293.4 | 298 | 290 | 289.3 | 30 | 01501 | 292.9 | 298 | 288 | 284.8 |
| 800 | 30 | 02036 | 289.1 | 294 | 284 | 275.7 | 29 | 02060 | 289.3 | 293 | 287 | 285.8 | 30 | 02021 | 289.2 | 293 | 285 | 280.0 |
| 700 | 30 | 03156 | 282.1 | 285 | 278 | 263.5 | 29 | 03140 | 283.7 | 288 | 280 | 278.8 | 30 | 03145 | 283.2 | 287 | 278 | 271.3 |
| 600 | 30 | 04422 | 276.7 | 280 | 273 | 248.9 | 29 | 04413 | 278.0 | 283 | 273 | 271.1 | 30 | 04415 | 277.2 | 281 | 274 | 262.4 |
| 500 | 30 | 05884 | 267.7 | 272 | 264 | | 29 | 05881 | 270.7 | 277 | 268 | 270.4 | 30 | 05879 | 269.3 | 273 | 264 | |
| 400 | 30 | 07597 | 256.5 | 261 | 252 | | 27 | 07621 | 260.4 | 266 | 256 | 260.4 | 30 | 07608 | 258.3 | 264 | 254 | |
| 300 | 30 | 09703 | 241.7 | 247 | 237 | | 26 | 09759 | 246.1 | 257 | 242 | | 30 | 09730 | 244.6 | 253 | 238 | |
| 250 | 29 | 10971 | 231.7 | 237 | 225 | | 25 | 11052 | 231.7 | 248 | 231 | | 30 | 11016 | 235.5 | 246 | 229 | |
| 200 | 29 | 12449 | 220.4 | 229 | 211 | | 25 | 12568 | 225.6 | 235 | 218 | | 30 | 12522 | 224.8 | 235 | 216 | |
| 175 | 25 | 13297 | 213.5 | 220 | 204 | | 22 | 13413 | 218.8 | 228 | 203 | | 29 | 13355 | 218.0 | 230 | 209 | |
| 150 | 24 | 14248 | 206.4 | 214 | 196 | | 22 | 14408 | 211.6 | 221 | 202 | | 28 | 14367 | 212.2 | 224 | 202 | |
| 125 | 18 | 15323 | 200.4 | 207 | 192 | | 21 | 15510 | 206.3 | 215 | 195 | | 26 | 15477 | 205.5 | 219 | 194 | |
| 100 | 12 | 16637 | 198.5 | 206 | 192 | | 21 | 16857 | 199.9 | 210 | 193 | | 22 | 16832 | 202.4 | 214 | 191 | |
| 80 | | | | | | | 19 | 18219 | 204.3 | 211 | 195 | | 20 | 18154 | 202.9 | 211 | 191 | |
| 70 | | | | | | | 19 | 19031 | 208.3 | 214 | 195 | | 15 | 18981 | 206.8 | 216 | 196 | |
| 60 | | | | | | | 17 | 19957 | 212.1 | 219 | 199 | | 12 | 19857 | 210.2 | 221 | 202 | |
| 50 | | | | | | | 15 | 21086 | 215.1 | 227 | 203 | | 09 | 20925 | 212.7 | 225 | 207 | |
| 40 | | | | | | | 13 | 22499 | 217.5 | 224 | 205 | | 05 | 22426 | 216.8 | 230 | 213 | |
| 30 | | | | | | | 11 | 24319 | 220.0 | 229 | 211 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | CALCUTTA/DUM DUM SURFACE PR ( 1010 MB) | | | | | | ERNAKULAM ( 1007 MB) | | | | | | GAUHATI ( 1005 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00006 | 299.6 | 302 | 294 | 293.3 | 30 | 00003 | 301.3 | 303 | 299 | 296.9 | 30 | 00049 | 297.2 | 301 | 291 | 293.2 |
| 1000 | 30 | 00091 | 299.7 | 302 | 295 | 291.8 | 30 | 00063 | 301.1 | 302 | 298 | 296.4 | 30 | 00094 | 297.1 | 301 | 291 | 292.9 |
| 900 | 30 | 01016 | 294.6 | 298 | 292 | 284.3 | 30 | 00990 | 294.5 | 297 | 291 | 290.2 | 30 | 01011 | 292.7 | 296 | 289 | 286.3 |
| 850 | 30 | 01509 | 291.0 | 294 | 287 | 280.8 | 30 | 01485 | 291.8 | 297 | 287 | 287.5 | 30 | 01501 | 289.4 | 293 | 287 | 283.2 |
| 800 | 30 | 02026 | 288.1 | 291 | 285 | 276.9 | 30 | 02004 | 288.8 | 293 | 285 | 284.0 | 30 | 02015 | 286.1 | 290 | 283 | 279.4 |
| 700 | 30 | 03148 | 283.0 | 286 | 280 | 269.5 | 30 | 03129 | 283.4 | 287 | 279 | 275.9 | 30 | 03127 | 279.9 | 284 | 276 | 269.9 |
| 600 | 30 | 04416 | 276.4 | 279 | 273 | 265.6 | 30 | 04398 | 277.0 | 281 | 273 | 269.8 | 30 | 04380 | 274.7 | 278 | 270 | 257.0 |
| 500 | 30 | 05876 | 268.8 | 272 | 266 | | 30 | 05861 | 269.3 | 273 | 263 | 266.7 | 30 | 05833 | 267.0 | 272 | 263 | |
| 400 | 30 | 07602 | 258.4 | 262 | 255 | | 30 | 07590 | 258.8 | 265 | 253 | | 30 | 07550 | 257.5 | 262 | 252 | |
| 300 | 30 | 09727 | 244.5 | 248 | 239 | | 28 | 09723 | 244.7 | 249 | 238 | | 30 | 09664 | 243.1 | 249 | 239 | |
| 250 | 30 | 11009 | 235.1 | 239 | 229 | | 27 | 11003 | 235.1 | 239 | 228 | | 30 | 10945 | 234.5 | 242 | 227 | |
| 200 | 30 | 12513 | 224.1 | 231 | 219 | | 27 | 12503 | 223.0 | 230 | 216 | | 30 | 12440 | 223.2 | 232 | 213 | |
| 175 | 30 | 13378 | 217.7 | 225 | 212 | | 26 | 13428 | 216.2 | 225 | 209 | | 28 | 13303 | 215.4 | 227 | 197 | |
| 150 | 30 | 14346 | 210.3 | 217 | 203 | | 25 | 14328 | 209.5 | 219 | 201 | | 27 | 14265 | 213.6 | 219 | 199 | |
| 125 | 29 | 15453 | 203.0 | 208 | 197 | | 19 | 15415 | 203.3 | 213 | 197 | | 20 | 15273 | 203.3 | 215 | 194 | |
| 100 | 29 | 16760 | 197.7 | 202 | 189 | | 19 | 16752 | 199.1 | 207 | 194 | | 13 | 16695 | 198.5 | 206 | 190 | |
| 80 | 11 | 18080 | 197.7 | 204 | 190 | | 17 | 18038 | 201.5 | 211 | 192 | | 08 | 18012 | 199.1 | 206 | 193 | |
| 70 | 09 | 18853 | 199.8 | 207 | 192 | | 16 | 18787 | 203.7 | 213 | 193 | | 08 | 18694 | 203.3 | 207 | 194 | |
| 60 | 05 | 19742 | 205.4 | 211 | 197 | | 16 | 19741 | 206.9 | 217 | 201 | | | | | | | |
| 50 | | | | | | | 16 | 20853 | 210.1 | 219 | 203 | | | | | | | |
| 40 | | | | | | | 09 | 22331 | 212.2 | 221 | 201 | | | | | | | |
| 30 | | | | | | | 07 | 24130 | 218.1 | 224 | 211 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE | JODHPUR SURFACE PR ( 983 MB) | | | | | | LUCKNOW/AMAUSI ( 997 MB) | | | | | | MADRAS/MINAMBAKKAM ( 1006 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MB | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00217 | 301.0 | 305 | 297 | 278.8 | 30 | 00127 | 299.0 | 303 | 295 | 284.7 | 30 | 00029 | 301.0 | 303 | 297 | 296.5 |
| 1000 | 30 | 00066 | | | | | 27 | 00101 | | | | | 28 | 00073 | 299.9 | 302 | 297 | 295.6 |
| 900 | 30 | 00993 | 295.8 | 304 | 289 | 270.7 | 27 | 01016 | 293.5 | 297 | 289 | 276.9 | 28 | 00994 | 293.6 | 297 | 291 | 289.2 |
| 850 | 30 | 01484 | 291.7 | 298 | 284 | 267.3 | 27 | 01508 | 290.2 | 293 | 287 | 273.7 | 28 | 01487 | 291.0 | 293 | 288 | 286.3 |
| 800 | 30 | 02000 | 287.7 | 293 | 281 | 264.6 | 27 | 02019 | 286.7 | 292 | 284 | 269.8 | 28 | 02005 | 288.4 | 291 | 284 | 283.1 |
| 700 | 30 | 03109 | 280.3 | 285 | 277 | 252.5 | 27 | 03133 | 280.6 | 285 | 276 | 263.5 | 28 | 03126 | 282.6 | 285 | 278 | 275.9 |
| 600 | 29 | 04367 | 274.2 | 280 | 268 | | 27 | 04378 | 273.8 | 278 | 267 | 250.1 | 28 | 04393 | 276.3 | 280 | 269 | 266.9 |
| 500 | 29 | 05811 | 266.0 | 270 | 261 | | 27 | 05829 | 265.5 | 270 | 255 | | 27 | 05855 | 269.1 | 274 | 266 | |
| 400 | 29 | 07515 | 254.8 | 259 | 250 | | 27 | 07535 | 255.3 | 260 | 249 | | 27 | 07583 | 258.7 | 266 | 255 | |
| 300 | 29 | 09608 | 241.0 | 247 | 233 | | 27 | 09632 | 241.9 | 247 | 234 | | 27 | 09707 | 243.9 | 248 | 240 | |
| 250 | 29 | 10878 | 233.1 | 237 | 227 | | 27 | 10920 | 233.7 | 241 | 229 | | 27 | 10986 | 234.5 | 239 | 230 | |
| 200 | 28 | 12379 | 223.3 | 231 | 219 | | 27 | 12403 | 222.7 | 230 | 219 | | 27 | 12481 | 221.7 | 226 | 217 | |
| 175 | 26 | 13248 | 217.6 | 223 | 214 | | 27 | 13275 | 217.3 | 225 | 211 | | 26 | 13337 | 215.0 | 222 | 205 | |
| 150 | 24 | 14223 | 212.0 | 217 | 205 | | 27 | 14229 | 210.3 | 219 | 202 | | 24 | 14303 | 208.7 | 217 | 201 | |
| 125 | 21 | 15347 | 206.0 | 211 | 200 | | 26 | 15341 | 205.1 | 212 | 196 | | 20 | 15371 | 201.7 | 207 | 194 | |
| 100 | 15 | 16675 | 203.1 | 210 | 199 | | 25 | 16663 | 202.4 | 211 | 193 | | 13 | 16694 | 198.7 | 209 | 194 | |
| 80 | 10 | 18042 | 206.1 | 216 | 198 | | 22 | 17956 | 198.5 | 211 | 195 | | 07 | 17989 | 201.7 | 211 | 197 | |
| 70 | 09 | 18855 | 208.3 | 220 | 200 | | 20 | 18795 | 204.9 | 214 | 198 | | 05 | 18757 | 204.8 | 211 | 199 | |
| 60 | 05 | 19743 | 208.8 | 217 | 202 | | 18 | 19189 | 209.3 | 219 | 203 | | | | | | | |
| 50 | | | | | | | 16 | 20884 | 224.7 | 223 | 202 | | | | | | | |
| 40 | | | | | | | 10 | 22334 | 218.0 | 224 | 210 | | | | | | | |
| 30 | | | | | | | 06 | 24137 | 221.8 | 227 | 213 | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

RADIO SONDE DATA
TABLE VI-MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACE
(B) FROM ASCENTS AT 12 HRS G.M.T.
NOVEMBER, 1966. (KARTIKA 10 - AGRAHAYANA 9, 1888 SAKA)

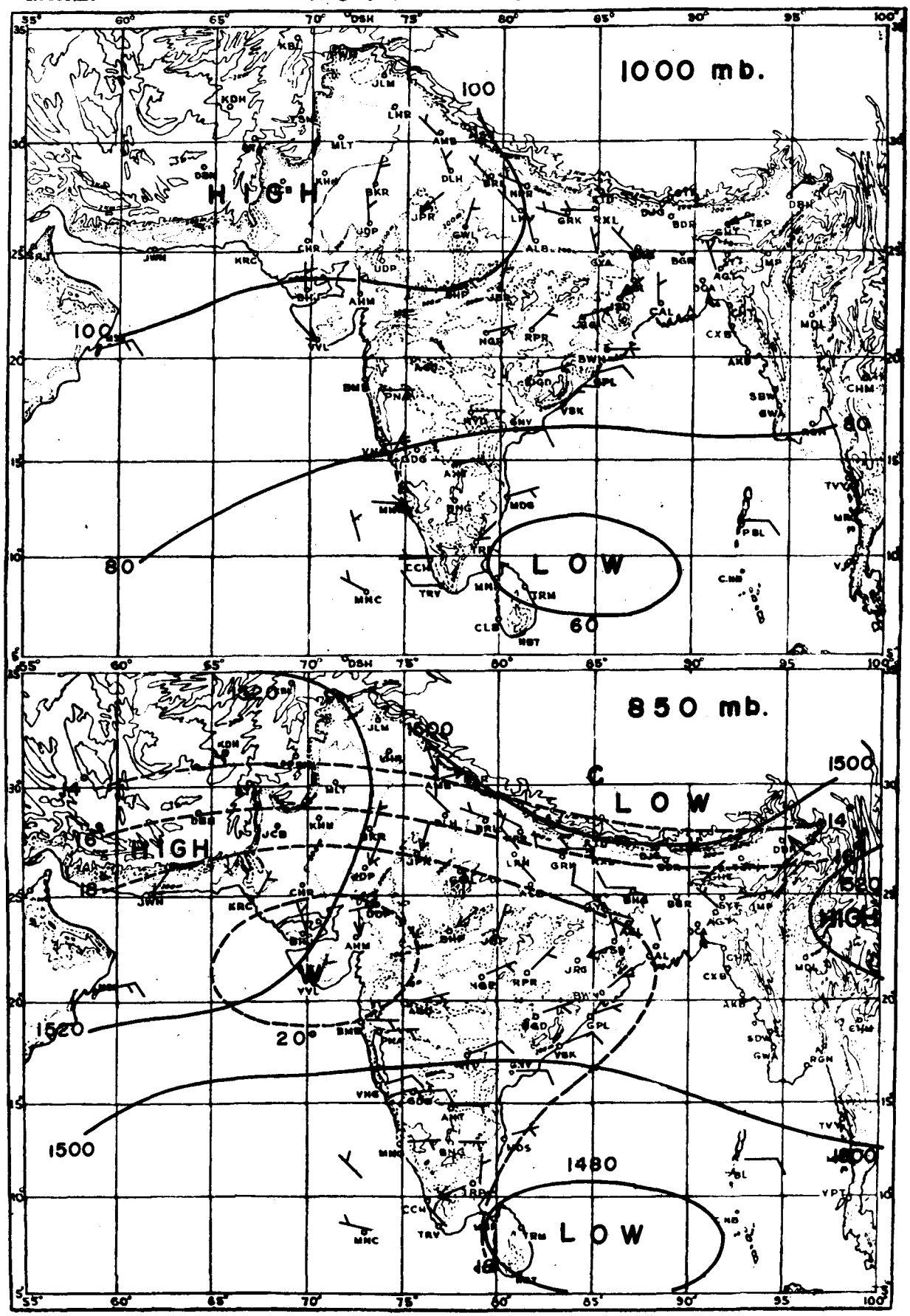
| STANDARD PRESSURE SURFACE MB | MINICOY SURFACE PR ( 1007 MB) | | | | | | NAGPUR/SONEGAON ( 975 MB) | | | | | | NEW DELHI/SAFDARJUNG ( 988 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00002 | 301.3 | 303 | 298 | 296.3 | 30 | 00311 | 301.2 | 305 | 298 | 288.1 | 30 | 00209 | 297.6 | 302 | 293 | 284.8 |
| 1000 | 29 | 00069 | 300.8 | 302 | 298 | 295.9 | 30 | 00082 | | | | | 30 | 00104 | | | | |
| 900 | 29 | 00996 | 294.5 | 296 | 292 | 289.4 | 30 | 01010 | 295.7 | 299 | 293 | 286.0 | 30 | 01018 | 292.2 | 297 | 287 | 276.4 |
| 850 | 29 | 01491 | 292.1 | 294 | 289 | 285.3 | 30 | 01504 | 291.2 | 295 | 288 | 283.8 | 30 | 01507 | 288.4 | 293 | 284 | 273.0 |
| 800 | 29 | 02011 | 289.3 | 292 | 285 | 281.8 | 30 | 02021 | 287.6 | 291 | 285 | 281.6 | 30 | 02018 | 284.9 | 290 | 280 | 269.3 |
| 700 | 29 | 03139 | 284.5 | 287 | 281 | 275.7 | 30 | 03142 | 282.2 | 285 | 277 | 273.2 | 30 | 03120 | 277.8 | 282 | 273 | 260.9 |
| 600 | 29 | 04413 | 278.0 | 282 | 275 | 268.1 | 30 | 04409 | 276.5 | 281 | 273 | 264.5 | 30 | 04362 | 271.1 | 274 | 266 | |
| 500 | 29 | 05879 | 269.8 | 273 | 265 | | 30 | 05872 | 269.6 | 275 | 267 | | 30 | 05788 | 262.6 | 267 | 257 | |
| 400 | 29 | 07610 | 259.3 | 264 | 253 | | 29 | 07600 | 257.7 | 264 | 254 | | 30 | 07472 | 252.0 | 262 | 247 | |
| 300 | 29 | 09736 | 244.6 | 252 | 237 | | 29 | 09713 | 243.0 | 250 | 238 | | 30 | 09547 | 240.2 | 246 | 235 | |
| 250 | 27 | 11018 | 235.0 | 243 | 227 | | 29 | 10992 | 233.7 | 242 | 229 | | 30 | 10811 | 232.8 | 239 | 227 | |
| 200 | 28 | 12519 | 222.7 | 233 | 215 | | 29 | 12478 | 222.0 | 230 | 217 | | 30 | 12305 | 223.3 | 229 | 219 | |
| 175 | 27 | 13356 | 216.3 | 224 | 209 | | 28 | 13315 | 215.0 | 225 | 211 | | 30 | 13165 | 217.7 | 223 | 211 | |
| 150 | 26 | 14323 | 209.1 | 221 | 200 | | 28 | 14144 | 208.6 | 222 | 203 | | 30 | 14142 | 212.3 | 220 | 205 | |
| 125 | 21 | 15400 | 203.0 | 217 | 193 | | 21 | 15334 | 202.6 | 216 | 195 | | 29 | 15253 | 207.3 | 214 | 199 | |
| 100 | 19 | 16743 | 199.8 | 212 | 192 | | 19 | 16537 | 197.5 | 212 | 190 | | 27 | 16597 | 207.4 | 212 | 196 | |
| 80 | 16 | 18059 | 204.7 | 215 | 196 | | 08 | 18024 | 210.9 | 208 | 191 | | 23 | 17929 | 204.3 | 212 | 196 | |
| 70 | 14 | 18879 | 209.1 | 218 | 200 | | 08 | 18796 | 203.3 | 213 | 193 | | 22 | 18725 | 205.5 | 212 | 197 | |
| 60 | 12 | 19737 | 211.3 | 220 | 205 | | 08 | 19724 | 205.3 | 212 | 199 | | 20 | 19663 | 208.1 | 215 | 201 | |
| 50 | 10 | 20854 | 214.1 | 221 | 210 | | 06 | 20844 | 210.5 | 214 | 205 | | 13 | 20747 | 211.8 | 219 | 202 | |
| 40 | 06 | 22215 | 217.7 | 224 | 213 | | | | | | | | 06 | 22136 | 214.7 | 222 | 207 | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | PORT BLAIR SURFACE PR ( 1000 MB) | | | | | | SRINAGAR ( 843 MB) | | | | | | TRIVANDRUM ( 1000 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00079 | 299.2 | 301 | 297 | 296.8 | 29 | 01588 | 285.8 | 289 | 283 | 279.4 | 30 | 00064 | 300.8 | 303 | 298 | 296.4 |
| 1000 | 28 | 00076 | 298.8 | 300 | 297 | 296.4 | 29 | 00126 | | | | | 30 | 00064 | 300.5 | 303 | 298 | 296.3 |
| 900 | 28 | 00996 | 294.4 | 297 | 291 | 291.1 | 29 | 01034 | | | | | 30 | 00991 | 294.5 | 297 | 293 | 290.3 |
| 850 | 28 | 01490 | 292.1 | 295 | 289 | 287.8 | 29 | 01519 | | | | | 30 | 01485 | 291.7 | 295 | 287 | 287.5 |
| 800 | 28 | 02009 | 289.6 | 293 | 285 | 284.7 | 29 | 02019 | 280.0 | 286 | 278 | 273.4 | 30 | 02004 | 289.0 | 291 | 285 | 283.5 |
| 700 | 28 | 03135 | 284.0 | 289 | 280 | 278.0 | 29 | 03113 | 274.8 | 278 | 270 | 266.0 | 30 | 03129 | 283.5 | 287 | 281 | 277.5 |
| 600 | 28 | 04406 | 277.9 | 283 | 271 | 269.6 | 29 | 04333 | 260.1 | 273 | 255 | | 30 | 04402 | 277.4 | 281 | 273 | 269.3 |
| 500 | 26 | 05872 | 270.2 | 277 | 263 | | 29 | 05723 | 254.5 | 263 | 247 | | 30 | 05867 | 269.4 | 274 | 265 | |
| 400 | 26 | 07606 | 259.8 | 265 | 253 | | 28 | 07339 | 241.9 | 250 | 236 | | 30 | 07597 | 259.0 | 265 | 253 | |
| 300 | 23 | 09731 | 245.1 | 251 | 237 | | 28 | 09340 | 229.4 | 236 | 224 | | 30 | 09723 | 244.4 | 250 | 239 | |
| 250 | 22 | 11025 | 236.5 | 243 | 227 | | 27 | 10560 | 224.4 | 229 | 218 | | 29 | 11002 | 234.7 | 240 | 229 | |
| 200 | 20 | 12525 | 224.5 | 233 | 214 | | 27 | 12007 | 220.9 | 225 | 215 | | 28 | 12507 | 222.7 | 230 | 215 | |
| 175 | 19 | 13380 | 218.1 | 227 | 207 | | 25 | 12851 | 217.7 | 226 | 211 | | 28 | 13346 | 216.3 | 224 | 208 | |
| 150 | 17 | 14365 | 211.7 | 222 | 198 | | 21 | 13837 | 215.2 | 221 | 206 | | 27 | 14339 | 209.5 | 217 | 203 | |
| 125 | 14 | 15513 | 205.1 | 214 | 199 | | 16 | 14932 | 210.5 | 217 | 205 | | 24 | 15414 | 202.5 | 208 | 195 | |
| 100 | 10 | 16812 | 199.2 | 209 | 191 | | 12 | 16328 | 209.3 | 213 | 207 | | 18 | 16726 | 199.1 | 205 | 192 | |
| 80 | 06 | 18186 | 200.5 | 211 | 192 | | 06 | 17733 | 209.0 | 211 | 205 | | 16 | 18031 | 203.4 | 209 | 199 | |
| 70 | | | | | | | 05 | 18470 | 208.8 | 211 | 204 | | 13 | 18832 | 206.8 | 215 | 202 | |
| 60 | | | | | | | | | | | | | 11 | 19774 | 211.4 | 219 | 205 | |
| 50 | | | | | | | | | | | | | 08 | 20785 | 212.6 | 217 | 207 | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

| STANDARD PRESSURE SURFACE MB | VISAKHAPATNAM SURFACE PR ( 1005 MB) | | | | | | ( 0 MB) | | | | | | ( 0 MB) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT | NO OF OBS | HT GPM | TEMPERATURE A MEAN | MAX | MIN | DEW POINT |
| SURFACE | 30 | 00041 | 299.9 | 302 | 296 | 295.5 | | | | | | | | | | | | |
| 1000 | 29 | 00086 | 299.6 | 301 | 296 | 295.2 | | | | | | | | | | | | |
| 900 | 26 | 01007 | 294.0 | 297 | 291 | 287.3 | | | | | | | | | | | | |
| 850 | 26 | 01501 | 291.5 | 294 | 289 | 283.2 | | | | | | | | | | | | |
| 800 | 26 | 02021 | 288.7 | 291 | 285 | 280.9 | | | | | | | | | | | | |
| 700 | 26 | 03144 | 283.1 | 285 | 279 | 275.8 | | | | | | | | | | | | |
| 600 | 26 | 04436 | 276.7 | 282 | 273 | 269.7 | | | | | | | | | | | | |
| 500 | 25 | 05876 | 269.6 | 273 | 265 | | | | | | | | | | | | | |
| 400 | 25 | 07609 | 259.0 | 265 | 255 | | | | | | | | | | | | | |
| 300 | 25 | 09735 | 243.6 | 251 | 238 | | | | | | | | | | | | | |
| 250 | 25 | 11015 | 234.3 | 241 | 229 | | | | | | | | | | | | | |
| 200 | 25 | 12510 | 222.5 | 229 | 215 | | | | | | | | | | | | | |
| 175 | 22 | 13367 | 216.7 | 223 | 210 | | | | | | | | | | | | | |
| 150 | 22 | 14342 | 210.5 | 217 | 202 | | | | | | | | | | | | | |
| 125 | 18 | 15412 | 203.6 | 211 | 196 | | | | | | | | | | | | | |
| 100 | 14 | 16751 | 198.1 | 205 | 194 | | | | | | | | | | | | | |
| 80 | 09 | 18006 | 201.4 | 207 | 197 | | | | | | | | | | | | | |
| 70 | 07 | 18820 | 205.0 | 211 | 200 | | | | | | | | | | | | | |
| 60 | 06 | 19743 | 208.5 | 217 | 202 | | | | | | | | | | | | | |
| 50 | 06 | 20830 | 212.0 | 219 | 205 | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | |

MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I.Met.D.* **NOVEMBER 1966** *Plate* I

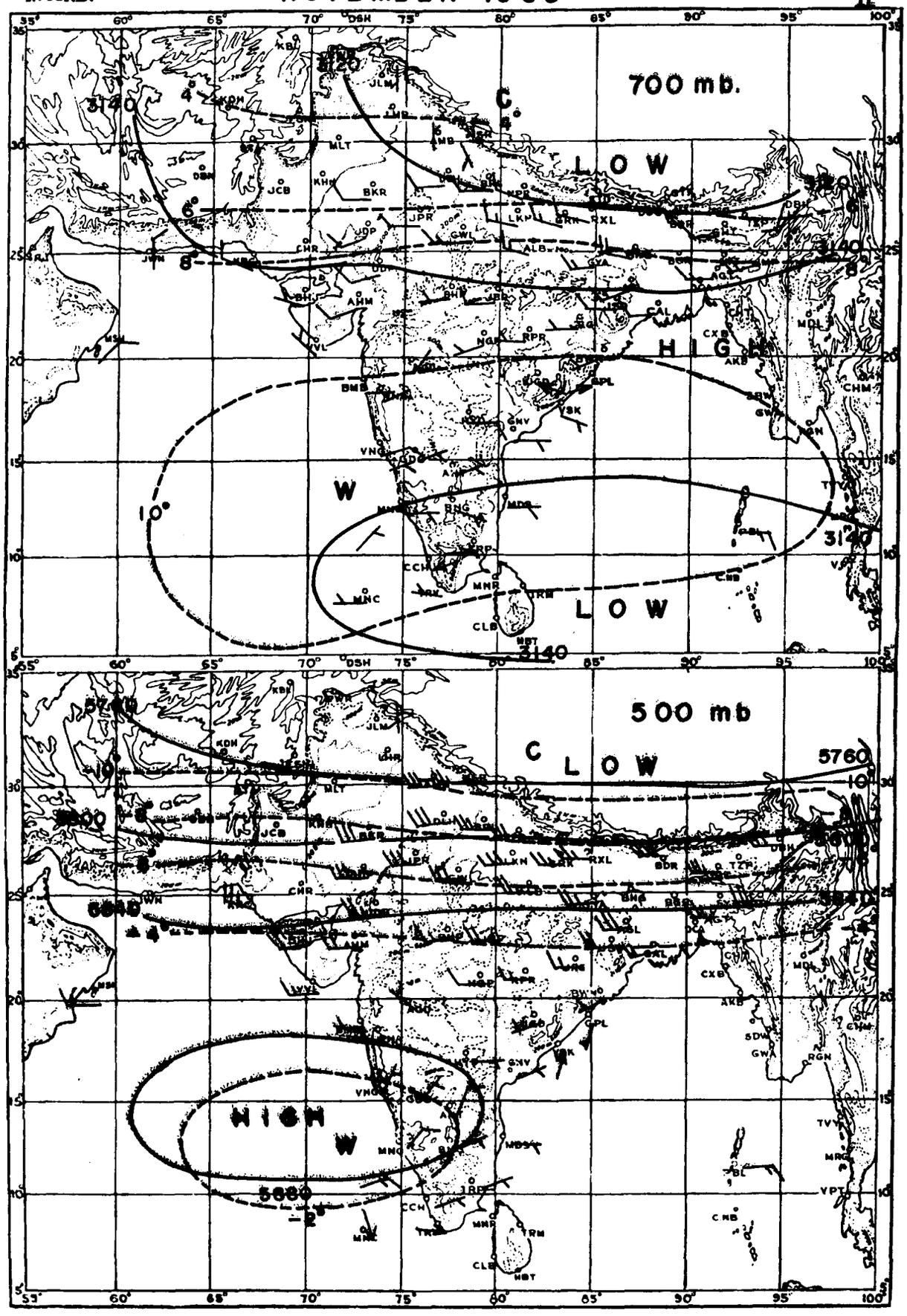



RESULTANT WIND — 5 Knots, — 10 Knots, — 50 Knots.

- - - - - - - - - - Isotherms in degrees centigrade. ———— Contours in geopotential metres.

MONTHLY MEAN CONSTANT PRESSURE CHARTS

*I.Met.D.* **NOVEMBER 1966** *Plate* II




RESULTANT WIND —— 5 Knots, —— 10 Knots, —— 50 Knots.

---------- Isotherms in degrees centigrade. ———— Contours in geopotential metres.