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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

1965

Annual Summary

PART A

SUMMARY OF WEATHER WITH TABLES

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INDIA WEATHER REVIEW, 1965

ANNUAL SUMMARY

PART : A

Weather & Rainfall of 1965

Summary -

During the winter season comprising January and February, seven western disturbances moved across north India causing good rainfall in some parts of northwest India and in Assam and West Bengal. A spell of unusual rains occurred in Gujarat State, the central parts of the country and the north Peninsula in early January. Weather remained mainly dry over the south Peninsula except for two spells of rain, one in the first week of January and the other in the middle of February.

During the hot weather period, March to May, sixteen western disturbances moved across north India causing good rainfall in Punjab, Himachal Pradesh and Uttar Pradesh. A spell of heavy thundershower activity occurred in the Peninsula and caused a few deaths due to lightning in Madhya Maharashtra during the third week of April. Mild summer conditions prevailed over most parts of the country for most of the period. Two severe cyclonic storms formed in the Bay of Bengal in May and moved northwards towards East Pakistan. In association with the second storm, the Bay branch of the southwest monsoon advanced upto east central Bay by the end of May. The Arabian Sea branch of the monsoon also advanced into Kerala on 26th May.

The monsoon which had set in over Kerala and in the Bay of Bengal upto east central Bay by the end of May, advanced slowly with a delay of 10 to 15 days as compared with the normal dates of advance over most parts of north and central India. It covered the entire country by 17th July, about a week later than the normal date. The noteworthy feature of this year's monsoon was its sub-normal activity over most parts of north and central India. The monsoon activity was normal over the Peninsula. Break monsoon conditions prevailed for about a fortnight in August. Spells of heavy rains leading to floods occurred over northeast India in July and August and over west Madhya Pradesh in July. In all six depressions developed and affected the country during the monsoon season. The monsoon withdrew from northwest India by about the normal date.

The withdrawal of the monsoon from the remaining parts of north and central India and also from the north Peninsula proceeded according to the normal dates and from the middle of October, the monsoon was confined to the south Peninsula. There were spells of good rainfall in the south Peninsula during the period October to December. The precipitation over northwest India on the other hand was in deficit due to poor activity of western disturbances, particularly in December. Three cyclonic storms of which two were severe and two depressions developed in the Bay of Bengal and one cyclonic storm in the Arabian Sea during the period October to December.

I. Winter Period - January and February

Four western disturbances affected the northern parts of the country during January. The first disturbance moving from West Pakistan eastwards across the Western Himalayas caused good precipitation over the area during the period 2nd to 5th. A few light showers also occurred in the plains of northwest India. Dry weather prevailed over the area during the next two weeks. Later a fairly active western disturbance, lying over West Pakistan and adjoining Afghanistan on 18th, moved eastwards into Uttar Pradesh by 20th. Thereafter it weakened and moved away eastwards across Assam by 22nd. Under its influence, there was good precipitation over northwest India outside Rajasthan on 19th and 20th and a few light showers occurred in east Uttar Pradesh and north Assam on 21st and 22nd. According to press reports landslides caused by heavy rains and snowfalls blocked the traffic on the Kotdwara-Joshimath and Jammu-Srinagar roads. The air services with Srinagar also remained suspended for at least three days. The third western disturbance which followed immediately as well as the fourth one at the end of the month were feeble and moved away eastwards across the extreme north of the country causing precipitation in Jammu and Kashmir.

A trough of low pressure extending from northeast Arabian Sea to Rajasthan at the beginning of the month shifted southeastwards and lay extending from Laccadive area to southeast Madhya Pradesh on 6th. Later it became unimportant. Under its influence, a spell of unusual rains occurred in Rajasthan, Gujarat State, the central parts of the country and the north Peninsula during the first week. The rainfall belt also extended to northeast India towards the end of the week. In association with another feeble upper air trough extending from the Gulf of Cambay to the central parts of Madhya Pradesh on 7th and 8th, the rainfall activity over the central parts of the country continued till 9th. Buldana recorded 7 cm of rain on 9th. According to press reports, the unseasonal rains caused dislocation of road transport at many places in Saurashtra and damage to winter crops like cotton and wheat. Very heavy showers accompanied by large-size hailstones were also reported to have fallen at a few villages in Buldana district and in Malegaon and Dhulia talukas, seriously damaging the standing crops. It was also reported that at Deoghar village there was five-inch thick layer of hailstones on the ground. Another spell of thundershowers occurred over Maharashtra State, west Madhya Pradesh and adjoining parts of Gujarat State and Rajasthan during the last week when a trough of low pressure extending from the east central Arabian Sea off the Maharashtra coast to west Madhya Pradesh persisted there.

Weather remained mainly dry over the Peninsula except for a few showers in the first week in association with the successive movement of two low pressure areas across the Comorin area.

Night temperatures were below normal over northwest India, Uttar Pradesh and Gujarat State at the beginning of the month. After 4th they were below normal or normal over these areas till 10th. Thereafter, the night temperatures again became above normal and remained so on most of the days till the end of the month. Over the central parts of the country also the night temperatures were above normal during the

first fortnight except on 5th, 11th and 12th when they were below normal. Over the Peninsula, they were generally above normal during the first 11 days and below normal towards the end of the month. Night temperatures over northeast India were above normal from 3rd to 7th and again from 19th to 28th and below normal during the second week.

All the three western disturbances which affected northwest India during February were fairly active. The first disturbance which was over Afghanistan on 1st moved away slowly eastwards across the western Himalayas by 7th causing good precipitation in northwest India outside Rajasthan. The second western disturbance was well marked over Rajasthan on 12th and moving eastwards became unimportant over Uttar Pradesh by 14th. This was followed by another disturbance which moved from West Pakistan to Assam during the third week. Under their influence, a spell of good precipitation occurred over most parts of northwest India, Uttar Pradesh and central parts of the country. Mandi recorded 12 cm of rain on 18th and Ambala 11 cm on 19th. According to press reports, the heavy snowfall caused dislocation of telecommunication in Simla and Mussooric areas and suspension of air services to Srinagar. A few showers also occurred in the central parts of the country on 13th - 14th and 21st.

A well marked trough of low pressure extending from north Assam to east Uttar Pradesh developed on 4th and persisted till 9th. In association with it, there was good rainfall over the northern parts of northeast India during this period. The rainfall activity increased on 7th and 8th when it also extended to the southern parts of the area to coastal Andhra Pradesh. Another spell of rainfall occurred over northeast India from 20th to 22nd in association with the movement of the last western disturbance mentioned earlier.

Two troughs in the low level easterlies moved westwards across the Comorin area during the period 10th to 18th. Of these, the second one was quite active and caused a number of showers in the Madras State. Otherwise the weather remained mainly dry over the Peninsula.

Night temperatures were generally above normal over north India during the first week and over Uttar Pradesh and central parts of the country during the period 12th to 14th. They were also above normal in the central parts of the country and most parts of the Peninsula from 4th to 7th. The night temperatures remained mostly below normal over the country after the first week, particularly over north India where they were markedly below normal on a number of days during the last week.

The rainfall for the period was in large excess in south Assam, Gujarat State, Konkan, Vidarbha and coastal Mysore and in moderate excess in east Rajasthan. It was normal in Gangetic West Bengal and Madhya Maharashtra. It was in slight defect in north Assam, Orissa, west Uttar Pradesh, Punjab and south Interior Mysore, in moderate defect in Sub-Himalayan West Bengal, Jammu and Kashmir, west Madhya Pradesh, Telangana and Kerala and in large defect over the rest of the country.

The mean maximum temperature was above normal in the Bay Islands, Sub-Himalayan West Bengal, Bihar Plains, Uttar Pradesh, Rajasthan, Saurashtra and Kutch and Konkan. It was normal over the rest of the country.

The mean minimum temperature was above normal in west Rajasthan and Gujarat State. It was normal over the rest of the country.

The mean relative humidity in the morning was above normal in east Rajasthan and Saurashtra and Kutch. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in the Bay Islands, Madhya Maharashtra, Rayalaseema, Madras State, Interior Mysore, Kerala and the Arabian Sea Islands. It was below normal in north Assam, West Bengal, Bihar State, Uttar Pradesh, Rajasthan and east Madhya Pradesh. It was normal over the rest of the country.

II. Hot Weather Period (March to May)

Out of the six western disturbances which moved across north India during March, five disturbances affected northwest India during the second fortnight. The first disturbance moving eastwards across the Western Himalayas during the early parts of the second week caused a number of showers in the Western Himalayas and adjoining plains. The second disturbance was quite active over the Punjab on 18th and 19th. The third disturbance was also active. Both of them induced troughs of low pressure over east Madhya Pradesh which moved away eastwards across Assam after causing good thundershowers over northeast India. The next two disturbances were feeble and moved from West Pakistan to Assam. The last disturbance was active and was lying over north Rajasthan and adjoining parts of West Pakistan and of the Punjab on 31st.

The rainfall over the south Peninsula was scanty during the month. There were, however, three spells of thundershowers in association with the westward movement of a trough in the low level easterlies in the first week and two feeble lows during the period 18th to 22nd and a well marked upper wind discontinuity in the last week.

Weather over northeast India remained mainly dry during the first three weeks except for a few light thundershowers in the first week. In association with the two induced lows mentioned earlier, there were good thundershowers during the last week.

Day temperatures were generally above normal over northwest India, Gujarat State and Uttar Pradesh during the first fortnight except from 6th to 11th when they were nearly normal. They were also above normal in the central parts of the country for a few days in the second week and in northeast India from 7th to 18th. A spell of unusually cool weather prevailed over the country outside the south Peninsula during the second fortnight with day temperatures remaining appreciably to markedly below normal over north and central India from 20th to 24th.

The western disturbance which was lying over north Rajasthan and adjoining West Pakistan and the Punjabs on the last day of March moved away eastwards across Assam by 5th April. This was followed by five fresh western disturbances. Of these, the first two disturbances were somewhat feeble. The third disturbance appearing over West Pakistan on 9th persisted there till 12th. Later it moved away eastwards across Assam by 16th. The last two disturbances moving eastwards across the Western Himalayas caused fairly well distributed rainfall in northwest India. In association with these western disturbances there were spells of thundershowers in the central parts of the country. The seasonal thundershower activity over northeast India was also fairly well maintained during the month.

The seasonal thundershower activity over the Peninsula was well marked during the first week in association with an upper air trough. A trough of low pressure lying over the east central Arabian Sea off Maharashtra coast on 14th shifted eastwards to the Peninsula where it persisted as a well marked low till 22nd. It caused a spell of good thundershowers over the Peninsula and unusually heavy thunderstorm activity particularly in Madhya Maharashtra where according to press reports, a few deaths occurred due to lightning. Another spell of thundershowers occurred over the Peninsula in association with the development of a trough of low pressure over east central Arabian Sea off Mysore and Maharashtra coasts towards the end of the month.

Day temperatures remained below normal over most parts of the country leading to mild summer conditions during the month. They were appreciably to markedly below normal during the first week over the entire country outside the extreme south Peninsula with maximum temperatures about 15°C below normal over east Uttar Pradesh. Although the temperatures generally rose, they continued to be below normal over northwest India during the rest of the month and in Gujarat State, Uttar Pradesh and central parts of the country during the third week. Parts of the Peninsula also had day temperatures below normal during the second fortnight. Day temperatures were above normal over the central parts of the country during the second week and over northeast India during the last week.

Five western disturbances moved across northwest India in May and caused spells of precipitation there. The first two disturbances affected northwest India towards the end of the first week and early second week when the Western Himalayas received good precipitation. The third disturbance was feeble and caused only a few light showers over the extreme north of the country towards the end of the second week. The next disturbance moved very slowly from West Pakistan to the Punjab and continuing its eastward movement became unimportant over Uttar Pradesh. The last disturbance was quite active and caused a spell of good thundershowers over northwest India with heavy rains in the Western Himalayas. Banihal recorded 10 cm of rain and Quazigund 9 cm on 23rd. According to press reports, the water level in the Jhelum near Srinagar rose upto the danger point due to the heavy precipitation. Air and road traffics were also affected.

A low pressure area in the southeast Bay of Bengal moving westwards at first and northnortheastwards later intensified into a depression by the evening of 9th with centre near Lat. 13.5°N and Long. 85.5°E and into a cyclonic storm by the next morning centred near Lat. 16.0°N and Long. 86.5°E. It further intensified into a severe cyclonic storm with a core of hurricane winds by the evening of 11th with centre near Lat. 21.0°N and Long. 89.0°E. It crossed the East Pakistan - West Bengal coast near Long. 90°E during the night of 11th-12th, weakened rapidly and broke up over the eastern Himalayas by 13th. Under its influence, there was good thundershower activity in the Bay Islands and over the extreme south Peninsula. Northeast India also received a few heavy showers during the second week. In association with an upper air trough over the Peninsula, a few thundershowers occurred there during the second week, the activity being more marked over the western parts.

A depression formed over the central Bay of Bengal on 26th morning with centre near Lat. 15.0°N and Long. 89.0°E. Moving slowly northnortheastwards, it intensified into a cyclonic storm by 30th morning centred near Lat. 17.5°N and Long. 90.5°E and into a severe cyclonic storm by the evening of 31st with centre near Lat. 20.5°N and Long. 90.5°E. Under its influence the southwest monsoon advanced into the extreme southeast Bay of Bengal and south Andaman Sea and extended northwards into the east central Bay. The Arabian Sea branch of the monsoon also advanced into south Kerala on 26th. The northern limit of the monsoon was passing through Calicut, Nagapattinam and Akyab on the last day of the month. Fort Cochin recorded a heavy fall of 23 cm of rain on 25th.

Day temperatures were below normal over most parts of the country during the period 5th to 8th and continued to be so over northwest India and in parts of the Peninsula till 11th, being appreciably to markedly so in northeast India. They were again below normal over northwest India, Uttar Pradesh and the central parts of the country from 20th to 26th, the temperatures being markedly below normal over northwest India on 22nd and 23rd. They were above normal in Uttar Pradesh from 11th to 19th and over the entire country outside the extreme northern parts and the southeastern parts of the Peninsula on 15th and 16th. They were above normal over northeast India, Uttar Pradesh, central parts of the country & north Peninsula from 27th till the end of the month.

The rainfall for the period was in large excess in west Uttar Pradesh and Punjab, in moderate excess in east Uttar Pradesh and in slight excess in east Madhya Pradesh. It was in slight defect in the Bay Islands, Sub-Himalayan West Bengal, Vidarbha and Madras State, in moderate defect in south Assam, Gangetic West Bengal, Jammu and Kashmir, west Rajasthan, west Madhya Pradesh, Madhya Maharashtra, Andhra Pradesh and Interior Mysore and in large defect in Bihar Plains, east Rajasthan, Gujarat State, Konkan, Marathwada and coastal Mysore. It was normal over the rest of the country.

The mean maximum temperature was above normal in the Bay Islands; below normal in west Uttar Pradesh, Punjab and Jammu and Kashmir and normal over the rest of the country.

The mean minimum temperature was below normal in south Assam, Orissa, Bihar State, west Uttar Pradesh, Punjab, Jammu and Kashmir and west Rajasthan and normal over the rest of the country.

The mean relative humidity was above normal in Punjab and Jammu and Kashmir; below normal in the Bay Islands and Marathwada and normal over the rest of the country.

The mean cloud amount was above normal in east Uttar Pradesh, Punjab, east Rajasthan, Madhya Pradesh, Madhya Maharashtra, Vidarbha, Madras State and north Interior Mysore; below normal in Gangetic West Bengal and normal over the rest of the country.

III. Monsoon Period - June to September

In association with a trough of low pressure persisting over the east central Arabian Sea off the west coast during the first fortnight, the monsoon advanced slowly northwards along the west coast and covered the Konkan by the middle of June. Fairly well distributed rainfall occurred over the Peninsula during this period with a number of heavy falls along the west coast. The monsoon did not advance further northwards during the second fortnight and its activity was moderate over the Peninsula during this period. However, it was quite active in Kerala during the 3rd week and in parts of Maharashtra State during the last week of the month.

The Bay branch of the monsoon advanced into northeast Bay of Bengal and the eastern parts of Assam during the first week. Later the rainfall activity over Assam and Sub-Himalayan West Bengal decreased considerably. A trough of low pressure persisting over the north and adjoining central Bay of Bengal caused an increase in the monsoon activity over the Bay Islands during the second week. The monsoon advanced somewhat slowly during the third week over the central parts of the country and the remaining parts of northeast India. An upper air cyclonic circulation which developed over Gangetic West Bengal and neighbourhood on 24th intensified and a low pressure area formed over East Pakistan on 29th and became well marked next day. Under its influence, there was well distributed rainfall over northeast India.

A western disturbance moving across the extreme north of the country during the latter part of the first week caused a few thundershowers over northwest India.

Day temperatures remained above normal over north and central India for major part of the month. Moderate to severe heat wave conditions prevailed over Orissa, Gangetic West Bengal and Bihar State from 4th to 18th, being particularly severe in Gangetic West Bengal from 6th to 11th and in Orissa from 11th to 13th with maximum temperatures 8° to 11°C above normal. Although the heat wave conditions continued in Bihar State upto 22nd, the maximum temperatures were only about 8°C above normal. Moderate heat wave conditions also prevailed in Uttar Pradesh and adjoining areas of Delhi and Madhya Pradesh from about 13th to 23rd, the worst period being 14th to 18th. According to press reports, a number of deaths occurred in West Bengal, Bihar State, Uttar Pradesh and Delhi, the largest number of deaths being in Bihar State.

The well marked low pressure area lying over East Pakistan and adjoining Gangetic West Bengal at the end of June moved westnorthwestwards to Rajasthan, weakened and later moved away northeastwards across the Western Himalayas by 6th July. Under its influence, the monsoon advanced into Gujarat State and southeast Rajasthan and extended further into Uttar Pradesh and Madhya Pradesh by the end of the first week. The axis of the monsoon trough shifted northwards and lay close to the foot of the Himalayas from 6th to 10th causing heavy rains in the northern parts of northeast India. According to press reports, most of the rivers in Assam, Sub-Himalayan West Bengal and Bihar Plains rose in spate and inundated vast areas, particularly in Jorhat sub-division and in Darbhanga and Jalpaiguri districts. Western Himalayas and adjoining plains also received good thundershowers during the second week. Earlier, a western disturbance moving across the extreme north of the country had caused a few thundershowers in the Western Himalayas.

The monsoon activity increased generally over the country during the second fortnight as a result of the development of two deep depressions in the Bay of Bengal, a land depression over west Madhya Pradesh and a low pressure area over Orissa. The first depression formed over the northwest Bay on 13th and moving westnorthwest to northwest it merged into the seasonal low by 17th. Under its influence, the monsoon advanced further westwards and covered the entire country by 17th. The monsoon was particularly active in north Peninsula, Gujarat State and west coast. Bombay (Santacrus) recorded 37 cm of rain on 16th. According to press reports, a number of rivers in Maharashtra State were in spate affecting road traffic. This depression was followed by a low pressure area which moved from Orissa to Gujarat and thence northwestwards during the period 19th-23rd. The second depression formed over the northwest Bay on 26th and moving inland weakened over east Uttar Pradesh by 30th. The third depression formed over West Madhya Pradesh centred near Gwalior on 31st. Abu recorded 32 cm of rain on 31st. According to newspaper reports, a number of rivers in Orissa and adjoining Bihar State were in spate causing inundation of low lying areas. Road and rail traffic in and around Bhopal were also reported to have been dislocated due to heavy rains.

The depression which was centred near Gwalior on 31st July moved northeastwards weakened and merged into the seasonal trough of low pressure by 2 August. Under its influence, there was good monsoon activity over most parts of country till 2nd. A low pressure area persisting over East Pakistan and Gangetic West Bengal on 1st and 2nd moved northwards and merged into the seasonal trough of low pressure by fourth. In association with it, there was good rainfall activity over northeast India during the 1st week.

With northward shift of the axis of the monsoon trough to the foot of the Himalayas by 6th, break monsoon conditions prevailed over the country for about fortnight from the middle of the 1st week, when the main rainfall regions were confined to the northern parts of northeast India and to the Peninsula outside the west coast. According to press reports, most of the rivers in Assam, Sub-Himalayan West Bengal and Bihar Plains were in spate inundating low lying areas and damaging standing crops. Two upper air troughs moved successively westwards from the southwest Bay across the Peninsula causing good rainfall over the southern and northwestern parts of the Peninsula.

A well marked upper air trough moving northeastwards from the west central Bay of Bengal concentrated into a depression by the evening of 23rd centred about 100 km east of Chandbali. Moving northwestwards, it crossed coast near Balasore in the early morning of 24th, weakened and merged into the seasonal trough of low pressure over Uttar Pradesh by 28th. Under its influence, the monsoon activity revived over the country with heavy rains over the belt extending from Orissa to Gujarat State and also over Uttar Pradesh. Another low pressure area moving from the east into the east central Bay of Bengal on 28th also intensified and concentrated into a depression by the morning of 31st with centre near Lat.18.5 °N and Long. 90.5°E. It caused good monsoon rains in the Bay Islands, parts of northeast India, in Madhya Pradesh and northeastern parts of the Peninsula towards the end of the month.

The depression lying over the north and adjoining central Bay of Bengal on 31st August moved in a westerly direction and crossed coast near Gopalpur on 1st September. Later it moved northwestwards , weakened over Uttar Pradesh and merged into the seasonal trough of low pressure by 6th. It caused good rainfall activity over central and adjoining parts of north India. Another well marked low pressure area moving from the northeast Bay of Bengal to Uttar Pradesh during the period 5th-9th became unimportant by 11th. Under its influence, the monsoon was active in the western parts of northeast India, in east Madhya Pradesh and east Uttar Pradesh. In the wake of this disturbance the monsoon withdrew from northwest India outside east Rajasthan by the middle of the month, which is the normal date.

Over the Peninsula, the monsoon was feeble till 9th. Later a few showers occurred in association with a trough of low pressure persisting over the central Bay of Bengal from 12th to 15th. A low pressure area moving from the east across the north Andaman Sea on 16th concentrated into a depression by the morning of 19th with centre near Lat. 15.0°N and Long. 84.0°E. Crossing the Andhra coast between Ongole and Masulipatam on the night of 19th-20th it recurved northeastwards. It persisted over Bihar State from 24th but weakened and became unimportant by 27th. In the course of its movements, it caused heavy rains in the Peninsula particularly in the northern parts, in east Madhya Pradesh and northeast India. Sabour recorded a very heavy fall of 35 cm rain on 25th. An upper air trough appearing over the north Andaman Sea on 25th moved slowly westwards and lay over the west central Bay of Bengal on 30th. Under its influence, the monsoon was fairly active in the Bay Islands and south Peninsula.

After the withdrawal of the monsoon from northwest India, weather remained mainly dry over that area except for a spell of showers over the Western Himalayas and adjoining plains caused by a western disturbance moving eastwards across the area towards the end of the third week.

The rainfall for the period was in slight excess in South Assam. It was in slight defect in Orissa Bihar State, west Rajasthan, Saurashtra and Kutch, Vidarbha, coastal and south Interior Mysore, Kerala and the Arabian Sea Islands; in moderate defect in Uttar Pradesh, Punjab, east Rajasthan, Madhya Pradesh and Gujarat Region and in large defect in Jammu and Kashmir. It was normal over the rest of the country.

The mean maximum temperature was above normal in Orissa, Bihar Plateau, Uttar Pradesh, east Rajasthan, Madhya Pradesh, Gujarat Region, Madhya Maharashtra and Vidarbha and normal over the rest of the country.

The mean minimum temperature was below normal in South Assam, Bihar Plains and Jammu and Kashmir and was normal over the rest of the country.

The mean relative humidity in the morning was below normal in Uttar Pradesh and Jammu and Kashmir and normal over the rest of the country.

The mean cloud amount in the morning was above normal in north Interior Mysore; below normal in west Uttar Pradesh, Punjab and west Rajasthan and normal over the rest of the country.

IV. Post Monsoon Period - October to December

The seasonal trough of low pressure shifted from north India to the north and central Bay of Bengal at the beginning of October and the monsoon withdrew from the central parts of the country and Bihar State by 3rd. A well marked low pressure area moving into the east central Bay of Bengal on 6th concentrated into a depression by the next morning with centre near Lat. 18.0°N and Long. 91.0°E. Moving in a northerly direction, it intensified into a deep depression by the morning of 8th and crossed the Chittagong coast near Cox's Bazaar by the same evening. It weakened into a low pressure area and moved away northeastwards across north Burma. Under its influence, a few thundershowers occurred over northeast India. In the wake of it the monsoon further withdrew from the remaining parts of northeast India and from north Peninsula by 13th and was thereafter confined to the south Peninsula.

Another depression developed in the Bay of Bengal by the morning of 21st with centre near Lat. 13.0°N and Long. 83.5°E. Moving northeastwards it intensified further into a deep depression by 23rd and crossed the Arakan coast near Akyab by 25th morning. Thereafter it weakened and broke up over the Arakan hills. Under its influence there was good rainfall in the Bay Islands.

Spells of good rainfall occurred in the south Peninsula, particularly during the second fortnight.

Four western disturbances moved across northwest India during the month. The first disturbance was feeble and moving across the extreme north of the country caused isolated showers in Jammu and Kashmir at the beginning of the month. The second disturbance was fairly active and was followed by a trough of low pressure extending from north Rajasthan to east Uttar Pradesh. In association with these developments thundershowers occurred over most parts of north and central India during the second week. The next two western disturbances moved away in quick succession across the Western Himalayas during the period 14th-18th. The last disturbance induced a low over west Rajasthan on 17th which moved slowly eastwards and crossed Assam by 24th causing good precipitation over most parts of north and central India.

In the beginning of November there was good rainfall activity in the south Peninsula and was followed by further spells of good rainfall. A well marked low pressure area moving northwestwards from south Andaman Sea concentrated into a depression by 6th morning with centre near Lat. 12.5°N and Long. 85.5°E. Later it moved westwards and further intensified into a cyclonic storm of small extent by the morning of 8th with centre near Lat. 12.5°N and Long. 81.0°E. Thereafter it took an unusual southsouthwesterly course and weakened into a depression by 9th evening and into a well marked low pressure by the next morning. It became unimportant over Maldive area by 13th. Under its influence, heavy rains occurred in the Bay Islands and south Peninsula. A trough in the low level easterlies moved from the south Andaman Sea to Maldive area during the period 18th - 24th. Another trough of low pressure developing in the east Arabian Sea off Kerala and Mysore coasts moved northwards to Gujarat State and south Rajasthan during the last week. In association with these developments, the rainfall belt extended from the south Peninsula to west Madhya Pradesh and Gujarat State. According to press reports, these rains proved timely and beneficial for the food crops and fodder in the drought hit areas of the Peninsula and Gujarat State.

The precipitation over northwest India was merged due to the feeble activity of western disturbances. Three western disturbances affected northwest India during the month. The first disturbance appeared over the northern divisions of West Pakistan on 4th. It moved away eastwards across the Western Himalayas by 6th causing isolated falls of rain or snow. The second disturbance lying over east Afghanistan and adjoining West Pakistan on 13th also moved away eastwards across the Western Himalayas by 15th. Under its influence, a few falls of rain or snow occurred in northwest India on 14th and 15th. The last disturbance was quite feeble and moving across the extreme north of the country during 26th-27th caused a few light showers there.

Night temperatures were above normal over the country outside northeast India and north Peninsula during the first week. They continued to be above normal over Uttar Pradesh till 17th and over northwest India from 10th to 14th. They were again above normal over Gujarat State, the central parts of the country and the Peninsula during the last week, being appreciably to markedly so on a number of days. Night temperatures were generally below normal over northeast India after the first week and over the north Peninsula during the third week.

The notable synoptic features of December were the development of three cyclonic storms, one in the Arabian Sea and two in the Bay of Bengal and the poor activity of western disturbances over northwest India.

A low pressure area lying over Comorin and Maldive areas on 2nd moved very slowly westwards and intensified into a depression by the evening of 5th with centre near Lat. 6.5°N and Long. 71.5°E. Moving northwards till the next evening and later northeastwards, it further intensified into a cyclonic storm by 7th evening centred near Lat. 9.5°N and Long. 72.5°E. Continuing to move northeastwards till 9th morning it was close to north Kerala and Mysore coasts. Thereafter it moved northnorthwestwards along Mysore and Maharashtra coasts till 12th morning when it weakened into a depression centred near Harnai. Weakening further it became unimportant by the next morning. Under its influence, there were heavy rains and gales along the west coast and also heavy rains in the Madras State. According to press reports a number of country craft and fishing vessels sank and a few lives were lost off the west coast due to the cyclonic storm. The storm also caused disruption of telegraph and telephonic communications and uprooted many coconut trees in the south Konkan.

Simultaneously another cyclonic storm developed in the Bay of Bengal. A low pressure area appeared over the southeast Bay of Bengal on 4th and progressively intensified into a depression by the morning of 6th with centre near Lat. 5.0°N and Long. 91.5°E and into a cyclonic storm by the morning of 8th with centre near Lat. 11.0°N and Long. 89.0°E. It continued to move but very slowly in a northerly direction till 11th and later took a westerly course. Intensifying further into a severe cyclonic storm with a core of hurricane winds by the morning of 13th with centre near Lat. 14.5°N and Long. 86.5°E, it recurved northwestwards. Thereafter, it began to move fast and crossed the Chittagong coast between Cox's Bazaar and Chittagong on the early morning of 15th. It rapidly weakened and broke up against the Chittagong-Burma hills by 16th. Under its influence, heavy rains occurred in the Bay Islands.

In association with an upper air cyclonic circulation over Orissa, a few light showers occurred in the coastal areas of Orissa and of Gangetic West Bengal on 17th and 18th. Two low pressure areas moving westwards across the extremesouth Bay of Bengal and Ceylon caused spells of good rainfall in the south Peninsula during the first and fourth weeks.

Another well marked low pressure area appeared over the extreme southeast Bay of Bengal on 27th. Moving northwestwards it concentrated into a depression by the morning of 30th with centre near Lat. 8.0°N and Long. 88.0°E. It further intensified into a cyclonic storm by the next morning when it was centred near Lat. 9.0°N and Long. 86.0°E. Under its influence another spell of heavy rains occurred in the Bay Islands.

The precipitation over northwest India was in defect due to the poor activity of western disturbances. Only one disturbance affected the area during the fourth week. It appeared over West Pakistan and adjoining Afghanistan on 22nd and moved away eastwards across the Western Himalayas by 26th. Under its influence a few falls of rain or snow occurred in northwest India.

Night temperatures were above normal over the Peninsula during the first three weeks, being appreciably to markedly so during the second and third weeks. They were also above normal in the central parts of the country during the first fortnight, being markedly so during the second week and also over

most parts of northeast India from 8th to 18th. Night temperatures were below normal over northwest India after the first week, being appreciably so during the third week. They were also below normal on a number of days during the second fortnight in Uttar Pradesh, Gujarat State and central parts of the country and during the first week and from 19th to the end of the month over northeast India.

The rainfall for the period was in large excess in the Arabian Sea Islands and in slight excess in the Bay Islands and coastal Mysore. It was normal in Assam, Madras State and Kerala. It was in slight defect in Orissa and east Uttar Pradesh, in moderate defect in Gangetic West Bengal, Bihar Plateau, west Uttar Pradesh and Jammu and Kashmir and in large defect over the rest of the country.

The mean maximum temperature was above normal in the Bay Islands, west Uttar Pradesh, Punjab, Rajasthan, Madhya Pradesh, Gujarat Region, Maharashtra State, Andhra Pradesh and Interior Mysore and normal over the rest of the country.

The mean minimum temperature was above normal in Gujarat Region, Marathwada, Rayalaseema and Mysore State and normal over the rest of the country.

The mean relative humidity in the morning was below normal in east Madhya Pradesh, Gujarat Region, Madhya Maharashtra, Marathwada and Vidarbha and normal over the rest of the country.

The mean cloud amount in the morning was above normal in the Bay Islands, South Assam, Madras State, north Interior Mysore and the Arabian Sea Islands, below normal in Bihar Plateau, west Uttar Pradesh, west Rajasthan, Madhya Pradesh, Gujarat State and Vidarbha and normal over the rest of the country.

Taking the year as a whole, the rainfall was in slight defect in Orissa, Bihar State, west Uttar Pradesh, west Rajasthan, Maharashtra State, Rayalaseema, coastal Mysore and Kerala; in moderate defect in east Uttar Pradesh, Punjab, Jammu and Kashmir, east Rajasthan, Madhya Pradesh, Gujarat State, coastal Andhra Pradesh and south Interior Mysore and normal over the rest of the country.

<u>Notes</u> :-

1. The Indian Standard Time used in the publication is 5 hours and 30 minutes in advance of G.M.T.

2. It is not possible to adopt a single classification of seasons which will be satisfactory for the whole of India. The classification adopted in this publication is, however, considered as the most satisfactory one and least open to objection especially from the point of view of rainfall.

3. Description in respect of Himachal Pradesh is not included for want of normals.

Table I - Divisional and Sub-Divisional Means for the year 1965

Division	Rainfall (millimetres)	Percentage of normal	Mean Maximum Temp. °C	Mean Minimum Temp. °C	Relative Humidity % 0830 hrs. IST.	Relative Humidity % 1730 hrs. IST.	Cloud 0830 hrs. IST.	Cloud 1730 hrs. IST.
1. Assam (including NEFA, Nagaland Manipur and Tripura)	2182.7 -71.5	97	28.7 +0.2	17.9 -0.6	82 0	72	4.6 0	4.1
2. West Bengal	1774.9 -97.8	95	31.3 +0.3	20.5 -0.3	73 -1	63	3.2 -0.4	3.4
3. Orissa	1259.0 -258.5	82	32.0 +0.5	21.0 -0.8	72 -1	63	3.6 +0.1	4.1
4. Bihar	1020.4 -248.5	80	31.6 +0.7	18.7 -0.8	67 0	55	2.9 -0.1	2.9
5. Uttar Pradesh	742.5 -324.2	70	32.4 +0.9	18.3 -0.3	64 -1	45	2.1 -0.3	2.3
*6. Punjab (I) (including Delhi & Himachal Pradesh)	549.0 -277.8	66	31.3 +0.2	16.8 -0.3	64 +1	44	2.1 -0.2	2.3
7. Jammu and Kashmir	501.6 -420.6	54	20.5 -0.3	5.6 -1.0	65 -1	53	3.4 0	3.4
8. Rajasthan	352.2 -144.3	71	33.3 +0.7	18.8 -0.1	56 0	33	1.8 -0.3	2.2
Sub-division								
1. Bay Islands	3215.7 +85.0	103	30.4 +1.0	22.9 -0.2	76 -1	81	5.6 +0.7	5.7
2. North Assam (including NEFA)	2141.3 -94.2	96	28.6 +0.3	18.4 -0.3	83 +1	73	4.5 -0.2	4.0
3. South Assam (including Nagaland Manipur & Tripura)	2264.5 -27.5	99	28.8 -0.3	16.6 -1.4	79 0	70	4.7 +0.3	4.2
4. Sub-Himalayan West Bengal	2640.4 -15.1	99	29.9 +0.1	19.0 -0.1	76 0	64	3.5 +0.3	3.1
5. Gangetic West Bengal	1387.3 -127.9	92	31.7 +0.4	21.0 -0.4	72 -2	63	3.1 -0.5	3.5
6. Orissa	1259.0 -258.5	82	32.0 +0.5	21.0 -0.8	72 -1	63	3.6 +0.1	4.1
7. Bihar Plateau	1093.1 -270.8	80	31.5 +0.6	18.8 -0.5	64 -2	52	2.8 -0.3	3.2
8. Bihar Plains	973.1 -241.2	80	31.7 +0.8	18.7 -0.9	70 +1	58	2.9 0	2.6
9. Uttar Pradesh, East	697.3 -385.4	67	32.7 +0.9	18.9 -0.1	65 -2	46	2.2 -0.2	2.3
10. Uttar Pradesh, West	806.0 -234.5	77	30.9 +0.8	17.6 -0.5	62 -1	45	1.8 -0.6	2.4
11. Punjab (I) (including Delhi)	549.0 -277.8	66	31.3 +0.2	16.8 -0.3	64 +1	44	2.1 -0.2	2.3
12. Himachal Pradesh	972.4		28.8	12.0	78	50	1.9	3.0
13. Jammu and Kashmir	501.6 -420.6	54	20.5 -0.3	5.6 -1.0	65 -1	53	3.4 0	3.4
14. Rajasthan, West	232.7 -72.9	76	34.1 +0.7	18.7 -0.4	58 +1	31	1.4 -0.6	1.7
15. Rajasthan, East	471.8 -215.9	69	32.7 +0.6	19.0 +0.2	55 -1	34	2.1 -0.1	2.7
16. Madhya Pradesh, West	686.5 -378.6	64	32.6 +0.8	18.6 +0.1	57 -3	38	2.7 -0.1	3.2
9. Madhya Pradesh	803.9 -420.8	66	32.4 +0.8	18.8 +0.1	59 -3	42	2.9 -0.1	3.4
10. Gujarat State (including Diu, Daman, Dadra and Nagar Haveli)	469.8 -213.2	69	33.5 +0.6	21.0 +0.2	69 0	48	2.5 -0.3	2.1
11. Maharashtra State (including Goa)	1248.2 -211.0	86	32.9 +0.7	20.7 +0.2	63 -1	46	3.1 -0.1	3.7
12. Andhra Pradesh	695.2 -173.4	80	33.7 +0.4	22.7 -0.1	71 0	52	3.8 -0.1	4.0
13. Madras State (including Pondicherry)	981.0 +2.3	100	32.6 0	23.7 +0.3	73 -1	61	4.7 +0.9	5.1
14. Mysore	1109.9 -265.4	81	31.3 +0.3	20.5 +0.4	73 +1	50	4.0 +0.2	4.6
15. Kerala	2325.4 -407.8	85	30.8 +0.3	23.8 -0.1	82 0	75	5.0 +0.3	5.5
Sub-division (Contd.)								
17. Madhya Pradesh, East	952.9 -474.7	67	32.2 +0.8	19.0 0	62 -3	46	3.1 -0.1	3.7
18. Gujarat Region (including Daman, Dadra & Nagar Haveli)	603.8 -310.4	66	34.8 +0.9	21.0 +0.6	64 -4	38	2.5 -0.4	2.0
19. Saurashtra and Kutch (including Diu)	394.8 -156.7	72	32.6 +0.5	21.0 0	71 +2	54	2.5 -0.3	2.2
20. Konkan (including Goa)	2128.8 -279.5	88	30.9 +0.5	23.1 +0.3	77 +1	72	3.4 -0.4	3.2
21. Madhya Maharashtra	963.0 -133.4	88	33.4 +0.8	19.1 +0.2	62 -1	39	3.2 +0.2	3.9
22. Marathwada	697.2 -89.0	89	33.7 +0.6	20.1 +0.5	52 -6	32	2.8 -0.3	3.7
23. Vidarbha	863.8 -270.0	76	33.7 +0.6	20.6 -0.1	57 -4	38	3.0 -0.2	3.7
24. Coastal Andhra Pradesh	669.2 -265.8	72	33.3 +0.4	23.5 -0.2	75 0	62	4.2 +0.1	4.3
25. Telangana	871.5 -61.7	93	34.0 +0.7	21.3 -0.2	67 -1	42	3.3 -0.3	3.5
26. Rayalaseema	534.6 -126.3	81	34.2 -0.1	22.7 +0.2	68 +2	45	3.5 -0.1	4.1
27. Madras State (including Pondicherry)	981.0 +2.3	100	32.6 0	23.7 +0.3	73 -1	61	4.7 +0.9	5.7
28. Coastal Mysore	2763.8 -536.8	84	30.8 +0.2	23.2 +0.1	79 -1	72	4.2 -0.2	4.3
29. Interior Mysore, North	718.9 -72.8	91	32.6 +0.4	20.6 +0.5	67 +1	43	3.8 +0.7	4.6
30. Interior Mysore, South	736.2 -314.4	70	30.3 +0.3	19.4 +0.5	76 +2	46	4.0 -0.1	4.7
31. Kerala	2325.4 -407.8	85	30.8 +0.3	23.8 -0.1	82 0	75	5.0 +0.3	5.5
32. Arabian Sea Island	1527.2 +51.2	103	30.9 +0.5	24.7 -0.2	79 +2	73	4.7 +0.6	5.0

*Data of Himachal Pradesh not included.

Note: The entries in the second line for each division and sub-division indicate departure from normal.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
BAY ISLANDS																													
Maya Bandar	29.9	-	33.8	V	23.8	-	20.0	I	1630.6	3419.6	-	136.6	IX	138	-	14.4	8.5	-	2	179	0	0	35	0	0	0	0	0	0
Long Island	30.1	-	37.1	V	21.9	-	17.6	II	1311.2	2830.9	-	132.4	IX	121	-	7.5	5.2	-	2	143	0	0	0	0	0	0	0	0	0
Port Blair	30.4	+1.0	34.7	V	22.9	-0.2	17 7	I	1334.2	3215.7	+83.0	139.0	VI,VIII	145	-5.1	#	#	-	13	191	0	0	74	17	6	0	0	28	0
Car Nicobar	30.1	-	33.3	IV	23.9	-	18.8	I	955.7	2535.1	-	128.3	XI	122	-	7.7	5.2	-	0	153	0	0	15	0	0	0	0	0	0
Hancowry	30.9	-	35.0	IV	24.9	-	21.9	II,VII	950.0	2552.9	-	98.8	V	129	-	#	#	-	4	180	0	0	57	0	0	0	0	0	0
Kondul	#	-	#	-	24.5	-	21.7	VIII	1277.7	2974.2	-	102.0	X	149	-	*	*	-	0	161	0	0	24	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																													
Passighat	27.2	-	36.7	VII	17.1	-	7.4	I	1220.7	4277.2	-	134.6	VII	136	-	7.2	10.1	-	7	173	0	1	51	0	0	0	0	0	0
Dibrugarh (Mohanbari)(A)	27.9	+0.9	36.5	VI	17.0	-0.7	3.5	I	535.0	2556.0	-239.6	134.8	VI	136	+0.9	5.7	3.9	+0.5	7	167	0	2	122	25	0	0	0	4	0
Digboi #																													
North Lakhimpore	28.1	+0.1	36.0	V,VI	16.8	-1.3	4.8	I	497.8	3405.7	+17.9	134.5	VI	123	-8.4	6.0	4.1	-	3	173	0	0	52	8	0	0	0	0	0
Sibsagar	28.5	+1.0	36.6	VI	19.0	+0.2	6.8	I	297.6	2090.5	-401.2	77.0	VIII	121	-7.3	4.7	3.4	+0.4	4	169	0	0	104	93	0	0	0	0	0
Golpur #																													
Mankat	29.1	-	-	-	#	-	#	-	#	1803.8	-	-	-	#	-	#	#	-	#	#	0	0	21	0	0	0	0	0	0
Jorhat (A)	28.7	-	35.7	V	18.5	-	7.2	I	371.1	1954.6	-	93.0	VIII	119	-	-	-	-	0	157	0	0	112	97	0	0	0	0	0
Tengla	29.9	-	38.8	IX	-	-	-	-	253.0	1532.1	-	78.2	VI	73	-	3.9	2.7	-	0	73	0	0	1	0	0	0	0	0	0
Tezpur	28.9	+0.2	35.8	VI	19.7	+0.2	10.1	I	291.7	1634.0	-210.5	59.6	V	113	+8.0	6.0	4.4	+1.0	2	141	0	0	13	0	0	0	0	0	0
Golaghat	28.8	-	36.6	IV,VI	18.3	-	7.4	I	346.4	1833.8	-	102.2	V	100	-	#	#	-	0	117	0	0	0	0	0	0	0	0	0
Rangia	29.4	-	37.4	V	18.4	-	8.4	I	447.9	1630.7	-	#	-	#	-	7.4	5.2	-	#	#	0	0	13	4	0	0	0	0	0
Chaparmukh	29.9	-	37.5	VI	19.2	-	-	-	407.2	1540.6	-	#	-	#	-	5.6	4.6	-	0	#	0	2	15	9	2	0	0	0	0
Goalpara	29.2	-	42.1	VIII	16.6	-	5.5	I	865.4	2790.2	-	194.2	VI	114	-	#	#	-	0	133	0	0	0	5	0	0	0	0	0
Gauhati &																													
Gauhati (Bhorjor)	28.8	-0.2	36.2	IV	18.8	+0.7	#	-	576.9	1850.8	+ 186.7	103.6	VII	112	+22.7	7.0	4.5	-	10	124	0	6	109	81	1	0	2	8	1
Dhubri (Rupai)	29.0	-	36.7	IV	18.4	-	7.0	I,II	1105.1	3619.7	-	164.8	VIII	104	-	#	#	-	3	136	0	2	85	20	0	0	2	1	0
Dhubri	28.5	+0.4	37.4	IV	#	-	#	-	791.2	2700.0	+213.1	247.8	VII	94	-1.5	9.9	9.7	+3.2	2	115	0	1	41	2	0	0	0	0	0
Lumding	30.2	+1.0	38.2	V	18.1	-0.1	5.2	I	384.8	1121.2	-181.0	59.6	IX	76	-6.1	5.5	3.5	-	0	95	0	0	0	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																													
Tura	28.2	-	35.5	IV	18.4	-	5.6	II	1047.5	2828.8	-	131.4	VI	113	-	5.3	5.8	-	6	144	0	0	2	0	0	0	0	0	0
Haflong	24.3	-	33.4	V	16.0	-	7.1	IX	720.0	2450.4	+238.3	152.3	V	116	+1.0	#	#	-	0	139	0	0	42	3	0	0	0	0	0
Silchar (Kumbhirgram)	29.8	-	36.6	V	#	-	#	-	682.1	3245.4	-	88.2	V	138	-	6.3	7.1	-	2	160	0	3	80	5	0	0	0	4	0
Silchar	29.1	-1.0	36.7	IX	18.7	-1.0	9.5	I	781.5	2891.0	-403.4	90.0	IX	131	-6.0	2.8	1.6	-0.8	1	168	0	0	90	0	0	0	0	0	0
Imphal (Tulihal)	26.5	0	34.6	V	12.5	-1.9	-0.7	I	389.0	1327.9	-96.5	104.7	VI	92	-2.8	7.6	4.8	-1.0	10	152	0	0	55	44	0	0	0	1	0
Kailashahar	30.3	-	36.7	IV	19.1	-	5.8	I	1103.0	2514.8	-	284.0	VI	109	-	5.0	3.5	-	7	130	0	5	108	43	0	0	3	3	0
Agartala	30.7	+0.2	39.3	IV	18.7	-1.2	5.1	I	862.3	2389.4	+151.3	167.4	VI	96	-3.3	9.2	6.8	-0.2	6	127	0	0	87	29	0	0	0	3	0
SUB-HIMALAYAN WEST BENGAL																													
Baghdogra	29.3	-0.4	36.3	VI	17.4	-0.9	5.0	XII	507.8	3101.5	-30.0	150.8	VII	109	+3.7	11.4	9.2	+3.5	3	127	0	0	65	6	0	0	0	0	0
Jalpaiguri	29.0	-0.2	38.2	VI	19.0	-0.1	9.4	I	608.2	3375.8	+108.5	160.0	VII	109	+1.1	#	#	-	2	125	0	3	71	4	0	0	0	0	0
Cooch Behar	28.9	-	35.6	IV,VI	17.9	-	6.9	I	688.7	3580.2	-104.7	228.2	VI	106	-5.8	6.6	4.2	-	5	132	0	3	105	35	0	0	0	1	0
Balurghat	31.2	-	40.5	IV	19.1	-	6.8	I	419.4	1355.7	-	94.0	VII	68	-	6.5	5.0	-	3	85	0	0	17	0	1	0	0	0	0
Malda	31.3	+0.8	41.5	VI	20.6	+0.7	7.5	I	637.6	1404.2	-34.2	129.2	VII	60	-9.2	3.7	2.7	-3.6	2	83	0	1	64	0	2	0	0	0	0
GANGETIC WEST BENGAL																													
Berhampore	32.0	+0.9	43.1	IV	20.2	-0.5	8.1	I	556.9	1172.9	-214.1	103.8	VII	65	-11.4	4.6	3.3	-0.4	4	86	0	0	28	51	0	0	0	0	0
Suri	32.2	-	44.1	VI	20.5	-	7.2	XII	-	981.2	-	91.0	IX	60	-	#	5.8	-	0	89	0	0	12	0	0	0	0	0	0
Asansol	32.8	+0.8	45.2	VI	19.9	-0.5	6.1	XII	622.2	1079.1	-351.2	93.3	VII	62	-13.9	8.9	6.1	-0.6	3	82	0	0	61	7	0	0	0	2	0
Shanti Niketan	32.1	-	44.2	VI	20.4	-	7.8	I	424.4	1038.6	-	81.2	VI	61	-	8.0	7.3	-	10	80	0	0	76	4	0	0	0	0	0

Data not available for complete year, hence no annual means. * Data not available. $ Having 0830 hours observation only. (A) Aerodrome. & Observatory closed on 16.9.1965.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
GANGETIC WEST BENGAL (Contd.)																													
Krishnanagar	#	-	#	-	#	-	#	-	697.1	1508.2	+51.3	220.0	VI	69	-9.3	6.4	4.8	+0.1	0	86	0	0	51	0	0	0	0	0	0
Purulia	31.9	-0.1	43.9	V	20.0	-1.0	7.7	I	566.4	1233.7	-73.0	126.6	IX	57	-28.0	6.3	5.0	+0.3	9	79	0	3	69	1	0	0	1	0	
Bankura	33.1	-	45.3	VI	20.7	-	7.9	XII	669.5	1234.4	-175.9	128.2	VII	70	-3.2	4.3	3.0	-	1	83	0	1	2	0	0	0	0	0	0
Burdwan	32.4	+0.7	46.0	IV	#	-	#	-	576.6	1298.5	-215.7	134.6	VI	59	-18.2	#	#	-	1	73	0	0	1	0	0	0	0	0	0
Barrackpore (A)	31.4	-	43.2	VI	20.9	-	8.2	I	760.4	1567.9	-	107.2	VII	67	-	##	##	-	1	82	0	0	100	32	0	0	0	4	0
Calcutta (Dum Dum)	31.3	-0.1	42.7	VI	21.3	-0.2	8.8	XII	880.2	1614.2	+90.9	123.9	VIII	80	-3.6	9.3	6.8	-1.7	4	108	0	0	89	39	0	0	4	4	0
Calcutta	31.8	+0.4	43.4	VI	21.8	+0.6	10.3	XII	851.5	1715.3	+115.5	124.9	VIII	79	-5.3	10.3	6.2	+1.1	4	98	0	1	83	6	0	0	0	21	0
Midnapore	32.2	+0.1	44.6	VI	20.5	-1.0	8.2	XII	336.1	1020.0	-471.2	58.4	X	62	-17.7	7.2	5.5	+1.7	0	90	0	0	22	0	0	0	0	0	0
Contai	30.7	0	43.6	VI	21.5	-1.0	8.5	XII	738.7	1646.3	-151.8	131.0	VII	67	-10.5	10.8	8.1	-1.4	0	70	0	0	0	7	0	0	0	0	0
Sagar Island	29.0	-0.5	35.4	VI	23.3	+0.3	12.1	XII	529.4	1737.4	-10.1	138.7	VIII	66	-13.1	19.0	18.8	+4.0	5	84	0	0	46	39	0	0	1	3	0
Sandheads	30.1	-	37.0	V	24.4	-	14.7	I	433.9	855.3	-	#	-	#	-	*	*	-	#	#	0	0	10	0	0	0	0	0	0
ORISSA																													
Bar[illegible]ada	33.2	-	45.5	V	20.2	-	7.8	XII	735.3	1464.2	-	143.2	VII	73	-	4.3	2.8	-	3	99	0	3	108	3	0	0	0	0	0
Jha[illegible]guda	33.2	+0.4	44.9	VI	20.2	-0.4	-	-	462.2	983.1	-549.1	67.6	VIII	54	-19.9	9.7	7.3	-0.1	7	77	0	1	74	4	1	0	0	16	0
Keonjhargarh	30.6	-	41.9	V	*	-	*	-	627.3	1127.6	-	118.2	VII	63	-	8.3	6.0	-	7	101	0	0	0	1	0	0	0	0	0
Bal[illegible]ore	32.0	+0.5	43.9	VI	20.2	-1.3	8.4	XII	694.7	1683.8	+109.0	203.1	X	72	-4.8	10.1	7.6	+2.3	0	-	0	0	99	1	1	0	0	0	0
Sambalpur	33.5	+1.0	47.1	VI	19.9	-1.0	7.3	XII	239.7	1123.1	-547.2	98.3	VIII	46	-27.9	-	-	-	0	49	0	0	1	0	0	0	0	0	0
Angul	33.1	+0.8	44.5	V	19.9	-1.1	7.5	XII	618.1	928.0	-362.1	67.2	IV	61	-11.1	7.7	6.6	+0.1	0	75	0	0	56	5	0	0	0	0	0
Chi[illegible]li	32.0	+0.4	44.9	VI	21.4	-0.7	9.0	XII	913.7	1722.0	-10.4	153.0	VII	67	-13.8	10.5	7.6	-1.8	1	77	0	1	6	0	0	0	0	2	0
Bel[illegible]r	33.5	-	45.7	IV	21.0	-	6.8	I	393.6	980.0	-	116.0	VII	48	-	5.3	6.3	-	0	59	0	1	34	2	0	0	0	4	0
[illegible]	31.1	-	42.0	VI	18.0	-	3.1	XII	563.4	1342.5	-	163.1	VII	64	-	6.3	3.2	-	6	82	0	0	34	6	0	0	0	0	0
Cuttack	33.8	+1.1	44.8	VI	21.7	-0.6	9.9	XII	669.1	1298.3	-224.8	103.8	VIII	70	-4.5	6.6	5.3	+1.9	0	84	0	0	21	5	0	0	0	0	0
Titlagarh	25.9	-	44.0	VI	21.3	-	8.3	XII	333.8	1000.1	-	114.4	VII	47	-	4.8	3.6	-	0	63	0	2	11	0	0	0	0	0	0
Bhubaneswar	32.9	+0.4	43.5	VI	21.8	-0.6	9.9	XII	516.1	1160.3	-450.2	91.1	VII	58	-18.5	14.6	11.9	-2.4	5	87	0	0	81	7	0	0	2	3	0
Puri	30.1	+0.1	44.2	VI	22.5	-1.3	12.4	XII	439.5	1095.9	-267.0	110.4	X	50	-12.1	18.0	16.6	+1.8	2	66	0	0	12	0	0	0	0	0	0
Gopalpur	30.5	+0.3	44.0	VI	22.6	-0.3	13.4	XII	441.2	1143.2	-12.6	123.0	X	47	-8.3	16.5	13.6	+0.1	1	75	0	0	41	2	0	0	0	0	0
Koraput #																													
BIHAR PLATEAU																													
Dumka	32.3	+1.2	43.5	V,VI	20.0	+0.1	6.2	XII	511.0	1124.4	-343.7	76.4	IX	59	-18.6	9.7	5.3	+2.2	3	86	0	0	4	0	0	0	0	0	0
Daltonganj	32.4	+0.5	44.6	VI	18.3	-0.3	4.2	I,XII	286.9	800.1	-	#	-	#	-	6.7	4.6	0	#	#	0	0	7	0	0	0	0	0	0
Hazaribagh	29.2	0	41.9	VI	17.5	-1.0	3.9	I	380.3	931.9	-415.4	75.4	VII	55	-19.8	11.3	8.6	-0.5	4	84	0	0	60	6	0	0	0	0	0
Dhanbad	31.9	-	44.5	VI	20.6	-	7.9	XII	325.7	787.4	-	75.5	IX	53	-	#	#	-	0	67	0	0	30	1	0	0	0	0	0
Ranchi	30.1	+1.2	40.9	VI	15.7	-2.8	4.7	I	512.6	1430.8	-45.2	137.0	VII	63	-18.4	#	#	-	0	-	0	1	17	0	0	0	0	0	0
Ranchi (A)	29.1	-	40.6	VI	18.3	-	5.6	XII	516.7	1299.3	-	152.4	VII	58	-	12.3	10.8	-	1	81	0	1	63	0	0	0	1	2	2
Jamshedpur	32.7	+0.4	44.3	VI	20.3	0	5.6	XII	604.6	1185.5	-173.6	88.6	VIII	66	-10.4	7.6	5.5	+0.8	1	86	0	0	28	65	5	0	0	2	0
Jamshedpur (P.B.O.)	32.3	-	44.4	VI	20.1	-	6.4	XII	608.0	1221.1	-	79.8	VII	60	-	8.3	5.5	-	5	80	0	0	85	0	0	0	0	1	0
Chaibasa	32.4	+0.3	44.4	VI	19.3	-0.9	6.1	XII	540.4	1045.8	-266.5	111.2	VII	56	-17.9	5.0	3.6	+0.6	2	85	0	0	45	0	0	0	0	0	0
BIHAR PLAINS																													
Motihari	30.8	+0.4	42.4	V	#	-	#	-	235.7	915.6	-	#	-	#		2.1	4.4	-0.5	#	#	0	0	10	0	0	0	0	0	0
Forbesganj	30.2	-	40.0	IV,VI	18.0	-	5.4	I	288.8	1455.8	-	106.2	VI	67	-	6.4	5.8	-	1	86	0	0	48	15	0	0	0	1	0
Darbhanga	31.0	+0.5	41.5	V	18.9	-0.7	6.8	I	346.7	1049.7	-215.5	116.4	VII	61	+3.6	5.4	4.8	+0.6	0	65	0	0	17	0	1	0	0	0	0
Muzaffarpur	-	-	-	-	-	-	-	-	-	886.1	-344.4	132.3	VII	46	-10.2	-	-	-	4	59	-	-	-	-	-	-	-	-	-
Chapra	32.3	-	44.8	VI	20.3	-	8.2	I	281.2	822.1	-259.9	67.2	VII	45	-7.8	4.7	4.6	-	1	-	0	0	15	12	0	0	0	0	0
Purnea	31.0	+0.6	41.7	V	16.6	-2.3	2.1	XII	357.1	1264.7	-258.4	144.8	IX	50	-20.8	5.7	3.8	+0.3	0	63	0	0	10	1	0	0	0	0	0
Patna	32.4	+1.5	44.8	V	19.6	-0.9	6.3	XII	336.2	1061.8	-124.2	144.0	VIII	44	-11.6	7.4	7.0	+1.7	1	58	0	0	11	3	0	0	0	0	0
Patna (A)	31.8	-	44.2	VI	18.9	-	5.2	XII	295.3	839.8	-	126.4	IX	45	-	9.6	6.3	-	3	59	0	0	48	15	2	0	0	2	0
Arrah	-	-	-	-	-	-	-	-	-	210.2	-965.8	60.2	VIII	14	-42.3	-	-	-	0	29	0	0	0	0	0	0	0	0	0
Bhagalpur	32.1	+0.5	43.8	V	20.5	-0.5	8.3	XII	579.6	1298.5	+155.6	352.8	IX	48	-9.7	8.6	6.5	0	2	65	0	0	48	7	1	0	0	1	0
Sabaur	31.8	+1.0	43.0	V,VI	18.3	-0.6	4.0	I	565.9	1264.9	+165.7	346.2	IX	51	-9.0	8.8	6.1	-1.2	1	71	0	0	60	5	0	0	0	6	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. * Data not available. ## Station is equipped with D.I. wind equipment.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Maximum in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
BIHAR PLAINS (Contd.)																													
Jamui	32.6	-	45.1	VI	19.6	-	-	-	356.3	966.2	-	161.2	IX	41	-	#	#	-	2	45	0	0	1	2	0	0	0	0	0
Dehri	32.5	-	45.3	VI	20.7	-	6.1	XII	338.3	897.7	-192.2	88.9	VII	44	-10.5	7.9	5.5	-	0	51	0	0	5	5	0	0	0	0	0
Gaya	32.6	+0.1	45.2	VI	19.5	-0.2	3.9	XII	274.5	738.1	-449.0	73.5	IX	48	-10.9	10.9	7.9	+0.6	6	633	0	0	43	2	1	0	0	7	0
UTTAR PRADESH, EAST																													
Kheri	32.2	+0.7	45.6	VI	18.8	-0.1	4.5	XII	1[illegible]	724.0	-397.4	194.0	IX	50	-22.0	5.9	3.9	+0.5	0	40	0	3	29	8	13	0	0	0	0
Bahraich	32.5	+1.2	45.2	VI	18.[illegible]	+0.1	5.7	XII	241.0	673.0	-406.6	114.6	VIII	35	-13.0	9.8	5.8	+2.1	0	48	0	0	9	3	1	0	0	0	0
Nautanwa #																													
Hardoi	32.5	+0.5	44.0	V,VI	17.8	-1.1	4.5	XII	191.1	565.7	-596.8	186.4	IX	29	-14.4	9.7	6.9	+1.2	0	33	0	0	4	1	3	0	0	0	0
Gonda	32.2	+0.7	45.2	VI	18.1	-0.6	4.1	XII	320.6	757.6	-564.8	87.4	VII	36	-19.6	7.6	6.0	+0.4	0	42	0	0	3	0	0	0	0	0	0
Lucknow	32.1	0.0	45.8	VI	18.5	-0.4	5.5	XII	254.2	752.0	-264.5	153.6	IX	25	-24.2	4.2	2.9	0.0	0	35	0	2	16	4	3	0	0	0	0
Lucknow (Amausi)	32.6	+0.7	44.8	VI	17.9	+0.2	1.8	XII	222.7	644.4	-372.1	95.8	VII	27	-22.2	13.2	9.2	-	7	34	0	3	40	3	8	0	0	7	0
Faizabad	32.5	-	44.7	VI	18.2	-	4.5	XII	554.7	651.7	-	46.4	VIII	38	-	5.3	3.6	-	0	50	0	0	22	9	1	0	0	0	0
Gorakhpur	32.6	+1.6	44.6	VI	20.0	+0.7	7.2	XII	322.6	1087.2	-186.8	121.0	VII	41	-15.9	*	-	-	5	46	0	0	0	0	0	0	0	0	0
Kanpur	32.8	+1.1	45.1	VI	19.5	+0.6	4.2	XII	1[illegible].8	641.2	-270.9	161.0	VII	23	-22.7	-	-	-	0	28	0	0	3	5	4	0	0	0	0
Kanpur (A)	33.1	-	45.8	VI	19.2	-	3.8	XII	100.0	611.7	-	158.3	VII	22	-	-	-	-	2	32	0	1	30	6	17	0	0	16	0
Sultanpur	32.0	-	45.2	VI	18.6	-	5.0	XII	14[illegible].0	691.2	-	104.2	VII	27	-	6.8	5.1	-	0	27	0	0	29	0	0	0	0	0	0
Azamgarh	32.9	-	45.4	VI	18.2	-	2.[illegible]	XII	311.5	772.7	-	71.0	VIII	39	-	-	-	-	1	44	0	0	5	0	0	0	0	0	0
Deoshpur	3[illegible].4	+1.0	45.6	VI	18.9	-0.2	4.2	XII	273.0	575.1	-309.6	113.7	VII	26	-27.5	10.2	6.2	+1.7	1	24	0	0	15	0	3	0	0	0	0
[illegible]	32.0	-	45.6	VI	19.[illegible]	-	4.2	I	176.8	507.2	-	65.8	VIII	47	-	5.8	4.2	-	0	30	0	1	2	3	0	0	0	0	0
[illegible]	33.[illegible]	-	46.0	VI	19.5	-	4.7	XII	269.6	7[illegible].0	-	201.4	IX	28	-	4.4	2.4	-	0	33	0	0	1	1	3	0	0	0	0
Allahabad	33.7	+1.4	45.6	VI	19.6	+0.6	5.2	XII	305.7	585.6	-476.5	82.8	VIII	36	-17.1	7.3	4.7	-1.0	2	51	0	1	37	2	4	0	0	0	0
V[illegible]nasi (Jubbulpur)	32.7	+0.6	45.1	VI	18.9	-0.8	3.2	XII	47[illegible].2	737.6	-320.3	85.2	VIII	39	-10.3	12.9	9.6	+0.5	1	52	0	1	43	6	7	0	0	0	0
V[illegible]nasi	[illegible].0	+1.0	45.[illegible]	VI	19.2	-0.1	4.4	XII	3[illegible].8	815.6	-421.2	43.0	VII	37	-16.0	7.8	6.5	+1.8	0	45	0	0	4	0	0	0	0	0	0
UTTAR PRADESH, WEST																													
[illegible]	1[illegible].0	-	30.7	VI	10.6	-	0.1	I	-	-	-	-	-	-	-	-	-	-	-	-	12	14	62	23	1	0	0	0	0
Tehri	2[illegible].1	-	4[illegible].0	VI	14.1	-	1.6	XII	244.2	992.6	-	50.2	II	61	-	3.5	2.1	-	8	79	0	2	56	6	7	0	4	0	0
Dehradun	28.0	+0.5	41.0	VI	14.2	-1.5	1.8	XII	528.2	1746.2	-413.7	124.0	VII	66	-15.0	4.3	3.5	+0.6	0	82	0	4	58	0	0	0	0	0	0
Mussoorie	17.1	-	27.7	VI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roorkee	30.8	+0.7	46.1	VI	15.4	-1.2	1.3	XII	300.0	838.2	-161.2	108.4	VII	39	-8.8	7.1	4.7	+1.2	0	54	0	3	34	0	3	0	0	0	0
Najibabad #																													
Meerut	32.0	+1.0	44.0	VI	16.2	-1.4	0.7	XII	-	-	-	-	-	-	-	-	6.8	-	-	-	0	0	6	0	0	0	0	0	0
Bareilly	32.7	+1.8	45.3	VI	18.9	+0.6	4.1	XII	197.8	590.8	-492.5	98.0	III	34	-12.7	10.8	7.4	+4.3	2	46	0	2	22	23	2	0	0	0	0
Aligarh	#	#	#	#	18.1	-0.5	3.2	XII	513.8	695.2	-88.5	108.2	VIII	22	-16.8	[illegible]	3.7	+2.2	0	34	0	0	12	2	3	0	0	0	0
Mainpuri	#	#	#	#	#	#	#	#	218.5	559.7	-150.9	85.0	VIII	28	-10.4	3.2	3.7	+0.7	0	31	0	0	17	3	4	0	0	0	0
Agra	32.9	+0.7	45.4	VI	18.9	+0.5	5.5	XII	300.9	630.2	-48.9	87.2	VIII	27	-10.4	4.6	3.5	-2.0	0	30	0	0	0	0	0	0	0	0	0
Agra (A)	33.3	-	45.8	VI	18.0	-	2.2	XII	280.9	664.7	-	85.4	IX	29	-	-	-	-	2	41	0	0	47	1	12	0	0	0	0
Orai	32.9	-	45.4	VI	19.5	-	5.0	XII	267.1	754.9	-	255.0	IX	27	-	-	-	-	1	33	0	0	0	1	0	0	0	0	0
Jhansi	33.5	+0.6	45.1	VI	19.4	+0.1	4.0	VII	267.2	748.6	-188.0	150.0	IX	27	-1[illegible].6	3.0	3.7	+0.7	0	31	0	0	0	0	0	0	0	0	0
PUNJAB (INCLUDING DELHI)																													
Pathankot	29.8	0.0	44.6	VI	15.4	-1.2	1.4	II	263.0	727.9	-758.5	[illegible]	VII	49	-10.1	*	*	-	1	65	0	4	76	0	8	2	0	1	0
Bhunter	24.3	-	37.0	VI	9.3	-	-2.3	VII	296.5	860.4	-	44.9	I	59	-	[illegible]	[illegible]	-	5	100	0	5	84	0	0	34	0	0	0
Amritsar (Rajasansi)	30.8	+0.2	44.4	VI	15.5	-0.2	-0.4	XII	167.2	457.1	-192.2	4[illegible].0	VII	27	-7.[illegible]	[illegible]	[illegible]	-0.2	1	30	0	1	51	3	12	0	0	17	[illegible]
Adampur	31.0	-	44.5	VI	14.6	-	-2.0	XII	260.1	521.8	-	62.0	VII	39	-	-	-	-	3	50	0	3	60	14	12	0	0	0	0
Ludhiana	32.2	+1.0	46.6	VI	#	-	#	-	221.4	492.0	-199.1	66.2	VII	30	-5.5	[illegible]	[illegible]	+1.0	1	43	0	0	44	3	13	0	0	0	0
Ferozepur	31.0	-	44.2	VI	15.8	-	0.0	XII	163.6	430.1	-	94.0	VII	24	-	[illegible]	[illegible]	-	0	32	0	1	19	7	17	0	0	0	0
Halwara (A)	32.4	-	42.7	VI	14.9	-	-0.8	XII	209.6	524.2	-	104.1	VI	29	-	*	*	-	0	31	0	1	37	3	4	0	0	0	0
Chandigarh	30.4	+0.1	43.5	VI	17.5	+0.5	3.0	XII	245.6	650.5	-414.2	58.4	VII	39	-9.6	-	-	-	2	47	0	0	0	1	0	0	0	0	0
Ambala #																													
Ambala (G.R.O.)	30.9	[illegible]	43.6	VI	16.1	-	-0.7	XII	296.9	67[illegible].6	-86.4	VII	31	-	-	#	#	-	1	46	0	0	61	1	10	0	0	0	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. * Data not available.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
PUNJAB (INCLUDING DELHI)																													
Patiala	31.6	-	44.7	VI	17.2	-	1.4	XII	177.4	522.7	-353.7	147.0	VII	31	-3.[illegible]	9.7	[illegible]	-	0	39	0	4	28	2	1	0	0	0	0
Bhatinda	32.3	-	44.4	VI	16.2	-	0.0	XII	158.0	272.2	-	58.5	VII	16	-	[illegible]	5.0	-	0	18	0	0	8	0	1	0	0	0	0
Karnal #																													
Hissar	34.6	+1.9	44.4	VI	17.9	+0.4	1.5	XII	317.4	595.7	-[illegible]	15[illegible].6	LA	21	-4.7	-	-	-	1	34	0	1	21	8	7	0	0	0	0
New Delhi (Safderjung)	31.5	-0.3	43.0	VI	18.1	-0.4	2.5	XII	390.2	5[illegible]1.2	-75.2	35.7	VII	26	-10.1	15.6	11.5	+1.5	7	60	0	2	46	4	13	0	0	10	0
Palam (A)	31.8	-	44.1	VI	17.4	-	0.0	XII	210.0	403.4	-	76.5	VIII	27	-	-	-	-	1	36	0	1	42	0	9	0	0	9	0
HIMACHAL PRADESH																													
Mandi	27.9	+0.4	40.9	VI	#	*	#	*	406.3	1148.0	-632.6	66.7	VI	69	-20.6	2.6	2.3	-0.2	2	90	0	0	30	14	0	0	0	0	0
Bilaspur	29.5	-	41.2	VI	#	*	#	*	386.3	802.3	-	44.0	III	62	-	-	-	-	0	70	0	1	9	11	13	0	0	0	0
JAMMU AND KASHMIR																													
Misgar (R)																													
Gilgit (R)																													
Skardu (R)																													
Dras #																													
Sonamarg #																													
Leh #																													
Srinagar	18.0	-1.9	34.1	VII	6.7	+0.1	-6.9	XII	-	677.8	+17.5	53.2	I	58	+0.7	-	-	-	5	87	17	3	13	0	0	0	0	0	0
Srinagar (A)	17.3	-	32.8	VII	6.8	-	-6.6	I	232.2	585.8	-	54.8	VI	52	-	-	-	-	0	68	20	1	64	4	4	0	0	1	0
Gulmarg #																													
Qazigund	17.3	-	33.9	VI	5.8	-	-12.1	I	586.0	1413.7	-	89.2	I	74	-	-	-	-	0	107	19	4	84	12	0	0	0	0	0
Banihal	20.0	-	32.6	VI,VII	7.2	-	-6.6	II	679.1	1625.1	-	101.6	V	00	-	..	x	x	4	104	12	3	52	0	0	0	0	0	0
Jammu	30.7	+1.3	45.4	V	-	-	-	-	285.2	699.4	-416.5	58.0	I	46	-5.8	-	-	-	0	50	0	0	0	0	0	0	0	0	0
Jammu (A)	29.8	-	45.0	VI	17.1	-	-	-	320.8	738.1	-	56.0	I	47	-	-	-	-	0	51	0	1	75	0	14	0	0	0	0
RAJASTHAN, WEST																													
Ganganagar	33.3	+0.3	45.9	VI	16.7	-1.6	0.0	XII	77.5	131.8	-206.2	25.3	VIII	14	-9.7	5.9	4.0	-0.9	3	22	0	0	30	4	8	0	0	0	0
Anupgarh #									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mohanjan	34.1	-	46.0	VI	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Churu	33.1	-	44.2	VI	17.7	-	-1.0	XII	206.3	267.9	-	32.0	X	24	-	13.1	9.6	-	1	34	0	1	39	3	11	0	0	0	0
Bikaner	34.1	+0.4	44.8	VI	18.2	-0.3	-1.9	XII	74.4	174.7	-116.6	42.3	VII	12	-7.0	11.6	9.5	+1.9	0	23	0	0	20	1	5	0	0	0	0
Nagaur	33.8	-	48.4	V	18.3	-	-0.4	XII	43.1	188.2	-	44.3	VIII	9	-	10.7	9.2	-	2	17	0	0	4	3	3	0	0	0	0
Phalodi	23.9	-	44.0	V	17.3	-	-0.6	XII	71.6	222.3	-13.5	65.6	VII	11	-4.2	17.9	13.8	-	0	15	0	0	9	0	28	0	0	0	0
Jaisalmer	34.2	-	43.5	V,VI	15.0	-	3.8	XII	39.4	63.3	-	24.4	VII	6	-	17.1	14.3	-	1	10	0	0	0	0	1	0	0	0	0
Jodhpur	34.0	+0.8	45.2	V	19.8	+0.6	5.3	XII	134.8	325.7	-35.2	61.4	VII	18	-2.0	-	-	-	0	26	0	1	31	2	13	0	0	12	0
Barmer	34.8	+1.3	44.0	V	20.2	0.0	5.7	XII	96.7	229.6	- 0.7	77.6	VII	18	+1.6	10.3	8.5	-0.6	3	20	0	0	24	0	2	0	0	0	0
Munabao #																													
RAJASTHAN, EAST																													
Pilani	32.6	-	43.0	VI	16.2	-	-1.5	XII	240.1	344.4	-	160.0	VII	23	-	14.0	11.0	-	0	30	0	0	3	2	1	0	0	0	0
Sikar	33.1	-	42.4	V	16.2	-	-3.6	XII	90.6	278.1	-	50.2	VII	20	-	-	-	-	0	24	0	0	0	0	5	0	0	0	0
Alwar	32.4	-	43.6	VI	19.4	-	4.0	XII	156.9	415.5	-	87.8	LA	29	-	4.2	2.8	-	1	39	0	0	21	1	6	0	0	0	0
Jaipur (Sanganer)	32.1	+0.1	42.7	V	18.5	+0.4	3.4	XII	188.4	552.8	-277.3	42.1	II	26	-9.6	x	-	-	2	42	0	1	42	0	10	0	0	13	0
Dholpur	33.5	-	45.9	V	18.3	-	1.6	XII	244.5	621.4	-	124.2	VII	23	-	8.7	5.9	-	2	34	0	0	13	1	1	0	0	0	0
Ajmer	32.2	+1.0	41.6	V	18.4	0.0	3.0	XII	114.6	356.6	-171.0	46.4	VII	23	-6.8	10.2	9.0	-3.0	3	33	0	0	28	0	2	0	0	0	0
Tonk	33.6	-	43.7	VI	20.4	-	2.6	XII	183.2	353.6	-	82.9	VII	20	-	10.7	8.0	-	0	37	0	0	28	0	0	0	0	0	0
Bhilwara	32.6	-	43.3	VI	17.7	-	2.5	XII	123.0	372.7	-	46.6	VIII	20	-	9.1	7.4	-	0	31	0	0	9	1	4	0	0	0	0
Kota	33.8	+0.5	44.4	VI	21.8	+1.0	5.6	XII	170.8	440.3	-309.9	73.8	VII	27	-9.5	8.3	6.3	+2.2	2	42	0	2	14	0	4	0	0	0	0
Kota (A)	33.6	-	44.2	V	20.6	-	6.8	XII	150.6	415.1	-	65.4	VII	25	-	12.6	11.0	-	2	38	0	0	34	0	6	0	0	0	0
Bringpura (Jawai Dam)	33.8	-	43.1	V	19.1	-	3.2	XII	171.9	566.3	-	128.6	VII	20	-	5.3	4.8	-	0	27	0	0	0	0	0	0	0	0	0
Chambal (Rawat Bhata Dam)	33.6	-	43.0	VI	19.7	-	5.1	XII	250.2	641.0	-	86.0	VIII	32	-	9.5	7.0	-	2	47	0	0	20	0	1	0	0	0	0
Udaipur	31.6	+1.1	40.6	V	17.0	-1.1	3.3	XII	406.8	609.1	-13.6	133.5	VIII	28	-5.6	5.5	3.4	-	5	39	0	0	39	0	0	0	0	0	0

(A) Aerodrome. # Data not available for complete year; hence no annual means. (R) Returns not received. * Observatory closed from 3.9.1965. x Instrument out of order.

*Data not available.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
RAJASTHAN EAST (Contd.)																													
Jhalawar	33.7	+1.6	44.5	V	18.8	+0.3	2.7	XII	328.1	617.1	-308.7	67.4	IX	33	-12.3	9.3	7.2	+2.0	0	41	0	0	0	0	0	0	0	0	0
Banswara	34.1	-	43.4	V	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MADHYA PRADESH WEST																													
Gwalior	33.1	+0.4	45.4	V	18.6	-0.4	1.7	XII	233.3	506.3	-318.1	109.6	IX	22	-23.2	12.5	7.8	-	4	39	0	1	41	1	3	0	0	0	0
Sheopur	33.7	+0.8	44.6	VI	18.6	+0.1	3.6	XII	250.4	486.0	-440.8	56.6	VIII	22	-23.5	10.9	8.1	+1.6	1	36	0	0	19	0	4	0	0	0	0
Shivpuri	31.8	-	43.3	VI	15.7	-	-1.5	XII	431.7	793.5	-	154.4	VII	31	-	8.8	7.0	-	0	44	0	0	2	1	0	0	0	0	0
Nowgong	33.3	+1.3	45.2	VI	17.9	-0.6	2.3	XII	286.6	642.7	-427.0	115.4	VIII	32	-17.1	8.1	5.1	+1.9	2	50	0	0	25	4	4	0	0	0	0
Guna	32.7	+1.1	42.8	V	17.5	+0.3	1.5	XII	326.5	651.2	-602.6	116.4	VII	33	-19.9	13.7	9.7	-	4	46	0	1	41	1	0	0	0	0	0
Nimach	32.0	+0.5	41.8	V	19.1	+1.0	5.6	XII	228.5	701.0	-63.8	84.6	IX	30	-6.1	12.7	10.5	+1.0	0	41	0	0	29	0	0	0	0	0	0
Rajgarh	33.5	-	44.4	V	18.7	-	3.1	XII	203.4	419.8	-	58.0	VIII	24	-	12.5	9.8	-	1	36	0	0	0	0	0	0	0	0	0
Sagar	31.9	+0.8	42.2	V	19.2	+0.1	9.7	1,XII	272.1	754.5	-456.0	106.4	VII	39	-19.4	11.0	9.1	-	0	68	0	0	11	0	0	0	0	0	0
Ratlam	32.8	+0.9	41.9	V	18.7	-0.4	8.2	XII	150.0	567.5	-434.6	64.2	VIII	31	-16.1	13.2	10.8	+2.0	1	48	0	0	13	0	0	0	0	0	0
Bhopal (Bairagarh)	32.2	+0.9	42.0	V	18.6	+0.3	5.7	XII	339.2	773.2	-555.6	181.6	VII	31	-27.9	15.6	12.6	+2.6	5	49	0	0	35	4	0	0	0	12	0
Ujjain	32.7	-	41.8	V	17.1	-	2.5	XII	217.0	507.0	-	83.0	VIII	26	-	14.8	11.3	-	0	41	0	0	15	5	0	0	0	0	0
Narsinghpur	33.3	-	44.0	V	16.9	-	1.0	XII	214.5	654.8	-	81.2	IX	41	-	#	#	-	0	54	0	0	2	0	0	0	0	0	0
Hoshangabad	33.5	+1.4	44.2	V	20.1	+0.3	6.8	XII	429.4	1046.8	-224.7	295.0	VII	38	-18.6	7.5	6.0	+2.0	0	57	0	0	32	0	0	0	0	0	0
Indore	32.2	+0.7	41.4	V	18.1	+0.8	6.2	XII	190.9	506.9	-375.0	77.5	IX	32	-14.7	17.6	14.9	-	5	51	0	0	26	2	0	0	0	3	0
Rajpur (Jhabua)	33.1	-	42.0	V	19.0	-	7.4	XII	155.1	585.9	-	52.6	VIII	32	-	10.9	8.2	-	1	39	0	0	9	0	0	0	0	0	0
Chhindwara	31.3	+0.7	41.4	V	17.7	-0.4	4.6	XII	365.7	746.1	-341.3	47.4	VIII	55	-7.8	9.2	5.5	-0.6	5	79	0	1	57	0	0	0	0	0	0
Seoni	31.8	+1.0	42.0	V	18.4	+0.3	6.8	XII	428.2	888.8	-474.3	67.2	IX	60	-10.4	9.3	6.3	+1.3	2	85	0	0	47	0	0	0	0	0	0
Betul	31.3	+0.7	41.6	V	17.5	-0.4	5.1	XII	346.9	847.2	-291.5	71.9	VII	51	-11.0	7.9	5.1	-0.8	0	75	0	0	26	2	4	0	0	0	0
Khandwa	34.4	+0.9	43.8	V	19.8	+0.4	6.8	XII	128.2	494.0	-286.5	56.4	IX	28	-14.1	12.1	9.2	+1.4	1	42	0	0	10	2	1	0	0	0	0
MADHYA PRADESH, EAST																													
Satna	32.9	+1.6	44.4	V,VI	18.7	-0.1	4.1	XII	343.1	756.5	-396.1	76.4	IX	40	-10.2	7.5	6.0	+0.7	7	53	0	0	46	1	0	0	0	0	0
Rewa	32.8	-	44.4	V,VI	18.7	-	3.0	XII	247.0	602.3	-	102.5	IX	38	-	7.0	4.5	-	3	53	0	3	2	0	0	0	0	1	0
Sidhi	33.5	-	44.4	V,VI	18.2	-	3.0	XII	285.1	505.5	-	60.6	VIII	33	-	#	#	-	0	38	0	0	7	0	0	0	0	0	0
Umaria	32.3	+1.3	43.8	V	17.9	+0.1	1.7	XII	276.9	671.0	-703.2	86.3	IX	40	-28.1	7.9	5.4	+0.7	3	60	0	0	28	8	7	0	0	0	0
Jabalpur	32.9	+1.6	43.6	V	18.4	+0.8	3.5	XII	365.9	983.2	-478.4	113.8	IX	51	-13.9	7.9	5.1	+1.5	3	73	0	2	43	0	0	0	0	1	0
Ambikapur	30.2	0.0	42.2	VI	17.3	-0.1	3.7	XII	518.7	1342.4	-62.4	125.7	IX	64	-8.6	#	#	-	0	78	0	2	38	7	0	0	0	0	0
Jashpurnagar	28.6	-	40.0	V,VI	16.7	-	2.7	XII	556.4	1576.6	-	117.4	IX	74	-	9.0	5.9	-	1	88	0	2	0	1	0	0	0	0	0
Raipur	29.9	+0.8	41.0	VI	18.7	+0.6	5.1	XII	556.8	1021.7	-351.8	150.1	IX	53	-24.3	9.9	7.4	-	7	82	0	2	81	4	2	0	0	5	0
Bandra	32.0	+0.3	42.6	V	16.9	-0.2	1.2	XII	333.9	813.3	-623.7	64.6	IX	45	-27.7	6.4	3.6	+0.4	3	76	0	3	54	4	0	0	0	0	0
Mandla	33.2	+0.2	45.2	VI	19.5	-1.5	7.7	XII	365.8	1134.4	-320.9	199.0	IX	55	-16.3	7.9	6.3	-0.2	2	72	0	2	54	0	5	0	0	0	0
Champa	33.6	+0.1	45.0	VI	20.8	-0.7	8.8	XII	324.5	957.3	-669.7	112.4	IX	57	-15.5	5.6	4.5	-0.7	1	73	0	2	16	0	0	0	0	0	0
Raigarh	33.1	+0.7	44.5	VI	20.8	+0.1	8.5	XII	445.8	969.6	-362.3	72.2	VII	47	-17.3	9.3	7.5	-0.6	5	72	0	1	55	5	0	0	0	1	0
Raipur	32.1	+0.6	42.5	V	20.3	+0.9	6.5	XII	237.8	675.8	-800.9	84.8	VII	41	-30.9	#	#	-	0	54	0	0	44	2	0	0	0	0	0
Kanker	31.8	+0.8	42.7	VI	19.3	+0.5	7.5	XII	399.5	1157.3	-449.5	83.7	VII	58	-25.0	7.1	4.6	-	5	96	0	0	84	6	0	0	0	16	0
Jagdalpur																													
GUJARAT REGION (including Daman, Dadra & Nagar Haveli)																													
Deesa	34.4	-	43.6	V	#	-	-	-	156.6	399.5	-	58.0	VII	19	-	10.8	8.5	-	1	27	0	0	0	0	0	0	0	0	0
Radhanpur	#	-	43.9	V	19.6	-	7.7	XII	183.9	526.1	-	106.0	VII	16	-	9.7	7.5	-	0	18	0	0	0	0	0	0	0	0	0
Idar	34.0	-	43.3	V	21.2	-	8.9	II	111.6	655.1	-	162.6	VII	27	-	9.6	7.8	-	0	34	0	0	14	0	0	0	0	0	0
Ahmedabad	35.1	+0.5	43.6	V	20.6	+0.4	9.1	XII	108.9	457.1	-285.0	79.4	VII	28	-8.0	8.5	5.9	-1.0	5	36	0	0	22	1	3	0	0	3	0
Dohad	33.6	+0.8	43.0	IV	20.0	+0.2	9.9	XII	79.6	331.8	-481.6	40.2	VII	24	-16.3	15.1	15.1	-1.1	8	33	0	0	23	1	0	0	0	0	0
Vallabh Vidyanagar	34.7	-	45.5	V	19.8	-	7.7	XII	221.6	591.3	-	126.6	VII	20	-	10.1	7.6	-	1	35	0	0	3	12	0	0	0	0	0
Baroda (A)	35.0	-	43.0	V	20.5	-	9.0	XII	167.4	595.3	-	84.6	VII	29	-	9.9	8.3	-	1	36	0	0	10	0	0	0	0	2	0
Baroda	35.7	+1.3	43.6	IV,V	21.2	+1.7	9.0	XII	212.5	649.2	-306.0	94.0	VII	28	-13.7	3.9	2.5	-2.8	1	35	0	0	9	0	0	0	0	0	0
Broach	35.2	+0.2	43.0	IV,V	21.1	0.0	10.4	XII	386.5	649.6	-352.3	223.0	VII	32	-13.3	4.8	3.5	-4.3	4	39	0	0	3	1	0	0	0	0	0
Surat	34.5	+1.4	41.0	IV	22.0	+0.7	#	-	414.9	931.3	-127.0	127.5	VII	34	-13.6	11.7	9.4	+2.4	0	46	0	0	7	0	0	0	0	0	0

Data not available for complete year, hence no annual means. (A) Aerodrome.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line Squall
SAURASHTRA AND KUTCH (including Diu)																													
Naliya	31.7	-	42.2	V	18.4	-	2.5	XII	101.1	345.3	-	69.6	VII	9	-	19.3	13.9	-	0	12	0	0	6	12	0	0	0	0	0
Bhuj (Rudramata)	33.7	+0.7	44.3	V	19.8	-0.1	5.8	XII	184.4	318.2	-27.8	68.7	VIII	15	-0.8	17.1	13.8	+0.4	6	22	0	0	8	5	0	0	0	0	0
Kandla (A)	34.0	-	43.3	V	20.5	-	9.2	XII	165.9	343.8	-	117.8	VII	15	-	24.2	20.8	-	0	23	0	0	10	5	0	0	1	0	0
New Kandla	31.8	-	40.6	V	21.8	-	9.4	XII	216.6	377.2	-	101.8	VII	16	-	21.3	19.7	-	2	21	0	0	6	0	0	0	0	0	0
Mandvi	30.1	0.0	37.4	IV	21.6	-0.1	9.5	XII	155.5	361.0	-77.2	114.4	VIII	12	-12.3	25.7	23.6	+0.3	1	13	0	0	0	18	2	0	4	0	0
Surendranagar	35.0	+0.5	42.4	V	21.5	+0.3	9.5	XII	221.1	529.8	-47.8	102.8	VII	14	-14.5	12.6	12.1	-1.1	0	22	0	0	7	0	0	0	0	0	0
Okha	28.7	-	33.2	V	23.3	-	15.0	XII	124.8	353.6	-	101.6	VII	16	-	20.9	20.5	-	2	26	0	0	6	1	0	0	0	1	0
Jamnagar (A)	#	-	-	-	-	-	-	-	#	#	-	-	-	-	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Dwarka	29.5	+0.4	35.7	X	22.9	+0.1	13.4	XII	176.0	382.9	+29.2	93.0	VIII	12	-3.8	18.1	16.9	+1.1	0	16	0	0	0	4	2	0	0	0	0
Rajkot	34.2	+0.4	41.5	V	19.4	0.0	7.9	XII	176.8	466.0	-442.8	77.2	VIII	21	-15.9	22.3	18.7	+0.4	3	28	0	0	14	24	0	0	0	0	0
Bhavnagar (A)	34.4	+1.0	42.0	V	21.4	+0.3	9.9	I	124.0	411.7	-149.4	66.6	VII	26	-3.8	21.4	18.9	+4.0	0	35	0	0	13	1	3	0	2	2	0
Porbandar (A)	31.7	+0.7	40.0	X	21.3	-1.0	9.2	XII	129.3	369.8	-398.4	93.5	VII	22	-9.6	19.3	14.7	-	2	32	0	0	5	9	0	0	0	0	0
Keshod	33.5	-	41.4	V	19.7	-	8.8	I	324.2	538.0	-	77.8	VII	25	-	22.3	17.9	-	3	38	0	0	10	7	0	0	0	0	0
Mahuva	33.9	-	42.5	IV	20.7	-	8.0	I	334.2	572.2	-	144.5	VII	23	-	E	-	-	0	26	0	0	1	0	0	0	0	0	0
Veraval	31.3	-	39.6	X	21.4	-	11.7	I	140.1	389.1	-114.9	104.8	VII	22	-2.8	22.3	19.3	-	11	43	0	0	4	8	0	0	0	0	0
KONKAN (Including Goa)																													
Dahanu	#	-	-	-	22.6	+0.4	14.3	XII	909.7	1716.8	-603.7	293.2	VII	60	-10.9	19.4	15.4	-0.1	0	71	0	0	0	0	0	0	0	0	0
Bombay (Santacruz)	32.2	+1.5	37.4	IV,X	22.0	+1.0	12.3	I	1052.4	2597.1	+467.3	372.9	VII	67	-14.2	15.0	10.5	-	6	90	0	0	31	2	0	0	0	10	0
Bombay	31.2	+0.7	35.6	I,X,XII	23.8	+0.6	16.5	I	685.4	2024.1	+215.3	249.4	VI	67	-6.7	12.7	10.7	-1.6	1	85	0	0	14	0	0	0	0	45	0
Alibag	30.5	+0.6	36.2	VI	22.6	+0.1	14.5	I	-	1711.3	-367.1	245.0	VIII	67	-16.8	-	13.5	+0.2	0	97	0	0	16	0	0	0	1	0	0
Bhira	34.8	-	43.5	V	20.6	-	10.6	I	2230.9	4892.3	-	279.0	VII	96	-	4.4	2.8	-	0	111	0	0	4	0	0	0	0	0	0
Harnai	29.5	+0.2	35.8	XI	24.6	+0.5	17.8	I	688.5	1928.4	-730.5	142.7	VIII	74	-18.6	18.1	16.1	+1.2	0	91	0	0	13	0	0	0	0	0	0
Ratnagiri	31.1	-	36.6	X	#	-	-	-	824.3	2106.1	-486.7	158.4	VII	78	-15.8	14.8	11.0	-	3	102	0	0	4	0	0	0	0	0	0
Devgarh	30.5	0.0	35.9	X	23.9	0.0	18.4	I	762.6	2096.6	-348.4	117.6	XII	88	-9.7	19.6	16.3	-0.2	1	96	0	0	5	1	0	0	2	0	0
Vengurla	31.4	+0.2	37.0	II,XI	22.3	-0.1	14.4	I	918.2	2849.0	-382.4	132.2	VII	94	-11.8	E	-	-	3	114	0	0	37	3	0	0	1	0	0
Panjim	31.4	-	36.5	II	23.1	-	16.7	I,II	1025.1	2928.1	-	192.4	VII	86	-	13.7	11.1	-	3	112	0	0	29	4	0	0	0	1	0
Mormugao	30.3	-	36.3	II	23.5	-	20.1	II	1204.6	2652.4	-	181.8	VI	80	-	E	-	-	5	105	0	19	1	0	0	0	1	0	0
Dabolim (Naval Air Stn.)	30.5	-	36.6	II	23.9	-	18.8	I	1162.2	2647.6	-	166.7	VI	83	-	12.0	9.1	-	0	106	0	0	30	1	0	0	1	48	0
MADHYA MAHARASHTRA																													
Nandurbar	34.7	-	43.6	IV,V	21.1	-	12.9	XII	236.5	613.2	-	66.0	VII	36	-	9.5	7.7	-	3	55	0	0	0	0	0	0	0	0	0
Jalgaon	35.6	+1.0	45.7	IV	20.3	+0.3	8.7	II	197.6	569.3	-215.0	66.4	VII	35	-11.5	16.6	14.2	+2.5	0	49	0	0	30	1	0	0	0	0	0
Malegaon	34.0	+0.5	42.5	V	18.5	+0.1	8.1	XII	126.7	610.2	+62.1	97.0	VIII	30	-3.7	11.3	9.2	-0.4	1	38	0	0	2	0	0	0	0	0	0
Osar	#	-	-	-	-	-	-	-	267.8	710.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deolali (A)	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ahmednagar	33.5	+1.4	42.8	V	18.2	+0.3	8.3	II	186.4	515.0	-86.1	90.0	VII	32	-4.5	11.8	8.4	-1.4	5	43	0	0	0	1	0	0	0	0	0
Khandala	-	-	-	-	-	-	-	-	-	4529.3	-243.3	298.0	VII	91	-20.7	-	-	-	0	101	-	-	-	-	-	-	-	-	-
Poona (A)	32.4	-	40.2	IV	18.5	-	*	-	152.3	487.7	-	50.7	VIII	30	-	E	-	-	10	56	0	0	36	1	0	0	0	4	0
Poona	32.1	+0.7	41.2	IV	17.6	+0.2	7.0	I	182.9	528.6	-144.2	45.9	VIII	39	-7.7	10.4	7.3	-	4	75	0	1	29	0	0	0	0	6	0
Jeur	34.1	+0.7	41.4	V	19.0	0.0	9.0	XII	157.1	346.3	-254.0	48.6	IX	25	-13.6	13.5	10.6	+0.3	0	42	0	0	28	0	0	0	0	0	0
Baramati	33.1	+0.4	41.5	IV	19.1	0.0	10.1	I	72.2	279.8	-271.2	43.0	IX	26	-9.8	13.2	11.2	+0.1	1	34	0	0	7	0	2	0	0	0	0
Sholapur	34.0	+0.2	41.1	V	20.9	+0.6	12.1	I	#	#	-	-	-	-	-	11.8	9.6	-1.7	-	-	0	0	21	2	0	0	0	0	0
Miraj	32.4	+1.0	39.4	IV	19.0	+0.1	9.9	II	206.3	596.6	-55.8	56.0	VII	39	-7.2	&	-	-	2	76	0	0	27	9	0	0	0	0	0
Kolhapur	32.0	+0.9	40.3	IV	19.1	0.0	12.0	II	492.6	1146.6	+70.6	137.6	VII	65	-6.5	16.1	12.6	-0.1	0	94	0	0	21	1	0	0	0	0	0
MARATHWADA																													
Aurangabad	33.3	+0.9	41.8	V	20.0	+0.8	10.3	II	175.2	561.2	-157.5	56.6	VII	35	-9.8	13.3	11.9	+0.3	1	55	0	0	10	0	0	0	0	0	0
Aurangabad (Chikalthan)	32.9	-	41.1	V	#	-	-	-	103.8	527.6	-	91.0	VI	23	-	14.4	11.1	-	3	54	0	0	23	2	0	0	0	0	0

E - Electrical instruments. # Data not available for complete year, hence no annual means. (A) Aerodrome. & No wind instruments. * Data not available.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
KARATHWAD (Contd.)																													
Parbhani	34.0	+0.3	43.2	V	20.1	+0.2	10.0	XII	157.4	833.2	-20.6	95.0	VII	42	-7.6	11.0	8.1	-1.1	0	52	0	0	17	0	0	0	0	0	0
Nander	34.7	-	43.6	V	19.7	-	9.0	XII	418.1	989.2	-	177.6	VII	36	-	9.8	6.5	-	0	56	0	1	7	0	0	0	0	0	0
Bir	33.9	-	42.4	V	19.0	-	7.9	XII	130.3	727.4	-	75.4	VII	35	-	8.3	5.9	-	0	50	0	0	8	0	0	0	0	0	0
VIDARBHA																													
Gondia	33.1	+0.5	44.2	V	20.8	-0.1	8.9	XII	365.8	922.8	-475.5	112.3	IX	47	-19.6	6.1	4.0	-0.4	0	67	0	0	26	0	0	0	0	0	0
Nagpur (Sonegaon)	33.7	+0.2	46.1	V	19.7	-0.6	7.0	XII	281.7	1017.8	-232.8	103.6	VI	51	-11.6	12.8	10.2	-	9	79	0	1	58	2	0	0	0	30	0
Amraoti	34.3	+1.0	44.5	V	21.3	+0.4	12.4	XII	108.0	577.0	-274.5	52.2	VIII	38	-10.5	13.9	11.1	+3.4	1	54	0	0	19	2	0	0	0	0	0
Akola (A)	34.8	-	44.3	V	19.1	-	7.6	XII	120.8	632.8	-	101.2	VII	35	-	12.2	10.2	-	1	54	0	1	54	1	0	0	0	0	0
Akola	34.9	+0.8	44.2	V	19.4	-0.5	8.0	XII	82.3	616.6	-159.9	96.1	VII	37	-8.1	10.1	7.8	+0.5	1	52	0	0	11	0	0	0	0	0	0
Bramhapuri	33.6	-	45.8	V	#	-	7.1	XII	270.8	1022.9	-	142.4	IX	50	-	8.0	5.5	-	0	67	0	0	10	0	0	0	0	0	0
Buldana	31.7	+0.8	41.2	V	20.1	-0.4	11.9	XII	156.7	593.2	-299.3	80.0	VIII	42	-9.3	10.5	9.2	-1.0	0	52	0	2	18	2	0	0	0	0	0
Yeotmal	33.4	+0.6	43.3	V	20.7	-0.3	11.6	XII	284.8	921.1	-175.0	78.7	VI	46	-11.8	14.4	12.0	+0.2	0	62	0	6	14	0	1	0	5	0	0
Chanda	34.1	+0.4	45.0	V	21.0	+0.6	7.8	XII	401.6	1092.8	-231.2	106.2	IX	50	-13.3	10.4	6.8	+2.0	1	67	0	0	58	0	0	0	0	0	0
Pusad	34.7	-	43.9	V	19.8	-	9.1	I	106.4	725.2	-	99.6	VIII	39	-	10.1	7.6	-	0	50	0	0	0	0	0	0	0	0	0
Sironcha	34.3	+0.4	45.3	V	22.1	-0.2	9.2	XII	264.0	1167.1	-271.5	205.0	VII	52	-15.6	7.2	4.9	-0.1	0	59	0	0	5	0	0	0	0	0	0
COASTAL ANDHRA PRADESH																													
Kalingapatam	31.5	+0.2	42.4	VI	23.1	-0.2	13.4	V,XII	319.1	750.7	-274.1	66.0	X	42	-9.1	15.3	11.0	+0.9	0	60	0	2	9	0	2	0	0	0	0
Vishakhapatnam	33.3	+0.5	43.0	VI	23.7	+0.2	13.6	I	229.8	785.1	-177.4	111.0	VIII	46	-5.8	#	#	-	3	85	0	0	56	0	0	0	0	15	0
Kakinada	32.8	+0.9	44.8	VI	23.0	+0.9	15.3	XII	148.6	687.0	-355.0	52.4	VI	47	-8.8	12.4	10.2	+1.4	1	62	0	0	15	0	2	0	0	0	0
Nidadavole	32.7	-	43.0	VI	23.0	-	15.2	I,XII	282.6	732.5	-	63.4	VII	44	-	10.6	7.6	-	0	62	0	0	7	0	1	0	0	0	0
Bantachintala	35.5	+0.9	45.0	V,VI	23.6	+0.2	14.2	I	168.0	502.6	-210.7	52.0	VIII	30	-19.9	7.7	7.5	-2.4	0	31	0	0	1	0	0	0	0	0	0
Gannavaram	33.7	+0.1	45.1	VI	23.5	0.0	15.6	XII	250.6	631.0	-368.5	91.0	IX	46	-12.9	17.5	12.3	0.0	5	68	0	0	41	7	0	0	0	0	0
Nagarjunakonda (R)																													
Masulipatam	32.2	-0.1	43.7	VI	23.1	-0.5	16.0	XII	413.3	776.3	-276.0	86.0	IX	45	-10.4	#	#	-	0	56	0	0	36	0	0	0	0	0	0
Ongole	34.1	-	44.5	V,VI	24.5	-	17.9	I	143.0	563.2	-	68.4	VII	32	-	11.1	8.2	-	0	40	0	0	0	0	0	0	0	0	0
Nellore	34.1	0.0	43.3	VI	24.4	+0.3	17.8	I	131.2	879.8	-103.6	94.2	VIII	52	+7.2	12.5	8.9	+2.0	1	66	0	0	16	0	0	0	0	0	0
TELANGANA																													
Ramagundam	34.6	0.0	44.6	V,VI	#	-	-	-	254.6	990.4	-30.5	122.6	VII	49	-9.1	7.7	5.3	-0.8	0	56	0	0	11	0	0	0	0	0	0
Nizamabad	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hanamkonda	33.9	+1.0	44.4	V	21.9	0.0	12.6	XII	168.2	825.2	-114.1	85.6	VII	39	-14.8	9.3	8.2	+0.2	1	57	0	0	21	0	0	0	0	0	0
Hakimpet (A)	31.7	-	40.7	VI	20.7	-	13.9	XII	361.3	977.4	-	125.1	IX	48	-	F	-	-	0	62	0	0	38	5	0	0	0	12	0
Khammam (A)	34.9	+1.0	46.0	V,VI	23.0	+0.5	12.0	I	267.4	769.8	-283.3	113.8	VII	42	-21.7	5.7	5.7	-1.3	0	50	0	0	11	0	2	0	0	0	0
Hyderabad (Begumpet)	32.6	+0.9	41.4	V	19.5	-0.4	9.7	I	239.8	803.2	+62.1	116.0	IX	35	-15.3	15.7	11.8	+0.5	2	61	0	0	38	3	0	0	1	21	0
Khammam	34.3	-	45.0	VI	23.1	-	14.1	XII	238.1	882.9	-	91.8	IX	44	-	7.4	5.6	-	0	51	0	0	10	1	5	0	0	0	0
Mahbubnagar	32.8	-	43.2	V	21.1	-	13.1	XII	168.0	677.6	-	89.0	IX	36	-	12.1	9.7	-	0	57	0	0	22	0	1	0	0	0	0
RAYALASEEMA																													
Kurnool	34.1	-0.2	41.6	V	22.0	0.0	13.0	I	155.2	696.5	+66.9	73.6	VI	36	-9.1	12.1	10.2	+1.5	0	57	0	0	0	0	0	0	0	0	0
Nandyal (R)																													
Anantapur	33.8	+0.4	40.7	V	22.4	+0.4	12.2	I	63.2	367.7	-216.5	47.6	IX	22	-11.9	14.9	13.2	+1.0	2	41	0	0	24	0	1	0	0	0	0
Cuddapah	34.7	-0.4	43.3	V	23.8	+0.1	15.2	I	152.8	539.6	-229.1	97.4	IX	42	-3.8	#	#	-	0	53	0	0	0	0	0	0	0	0	0
Arogyavaram	31.1	-	37.1	V	18.6	-	11.0	II	108.2	402.6	-	47.0	XI	42	-	12.6	9.0	-	0	48	0	0	0	0	0	0	0	0	0
MADRAS STATE (INCLUDING PONDICHERRY)																													
Madras (Nungambakkam)	32.5	-	42.0	V	24.3	-	17.5	I	461.1	1299.2	-	102.8	XII	61	-	11.6	8.0	-	6	95	0	0	10	0	0	0	0	0	0
Madras (Meenambakkam)	32.9	-0.5	42.2	V	24.2	+0.3	17.6	I	343.3	1276.3	+8.4	144.4	XII	71	+13.6	13.9	10.1	-3.0	5	94	0	0	44	2	0	0	0	22	0

(R) Returns not received. # Data not available for complete year; hence no annual means. (A) Aerodrome. E - Electrical instruments.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
MADRAS STATE (Including Pondicherry) (Contd.)																													
Vellore	33.9	+0.2	41.6	VI	22.4	-0.1	13.9	I	302.9	958.4	-116.0	73.9	XII	61	+4.2	10.8	8.6	+3.3	7	85	0	0	44	24	0	0	0	0	0
Tambaram (A)	33.5	-	43.7	VI	23.7	-	16.7	I	479.7	1431.4	-	118.6	XII	78	-	E	-	-	0	105	0	0	64	1	5	0	0	0	0
Tirupattur	39.9	-	41.2	VI	20.6	-	12.0	I	124.4	904.2	-	118.0	IX	31	-	7.9	5.5	-	0	51	0	0	1	0	0	0	0	0	0
Mettur Dam RS	34.1	-	39.5	VI	22.7	-	15.4	I	110.6	811.5	-	85.8	VIII	52	-	#	#	-	0	63	0	0	3	0	0	0	0	0	0
Cuddalore	32.4	0.0	41.0	V,VI	23.8	-0.1	17.0	I	474.1	1677.6	+294.3	162.6	XII	65	+9.5	12.1	9.7	+2.7	0	76	0	0	9	0	0	0	0	0	0
Kallakkurichchi	33.9	-	42.0	VI	23.3	-	18.0	II	134.0	940.1	-75.6	124.2	VIII	51	-4.5	8.7	6.9	-	1	79	0	0	45	0	1	0	0	0	0
Salem	33.2	-0.5	38.8	V	27.9	+0.9	16.2	XII	162.7	709.3	-268.3	57.8	IX	47	-14.9	9.1	8.3	+2.4	11	83	0	0	70	0	0	0	0	0	0
Coimbatore (Pilamedu)	31.7	-	37.6	IV	20.7	-	12.8	II	136.6	563.4	-	92.8	V	32	-	21.4	18.3	-	2	49	0	0	53	9	0	0	0	0	0
Coimbatore	31.7	-0.2	37.1	IV	21.0	-0.1	14.5	I,II	-	469.7	-120.2	68.2	XII	35	-9.6	-	9.5	+3.6	0	53	0	0	12	0	0	0	0	0	0
Nagapattinam	32.0	-0.2	40.2	VI	25.1	+0.2	20.5	I	375.6	1239.2	-167.4	143.2	XII	60	+4.5	15.4	15.8	+3.8	2	81	0	0	38	0	0	0	0	0	0
Tiruchchirapally	34.8	-0.5	44.1	VI	23.8	+0.5	16.8	I	225.7	906.8	+35.2	77.8	VIII	46	-0.8	14.3	12.2	-1.8	5	70	0	0	63	1	1	0	0	21	0
Vedaranniyam	33.0	-	39.6	VII	24.5	-	15.5	I	400.2	1511.3	-	130.5	XII	57	-	#	#	-	0	71	0	0	0	0	0	0	0	0	0
Atirampattinam	32.2	-	38.6	V	-	-	13.2	I	235.0	1346.2	-	166.2	XII	58	-	13.6	9.8	-	0	81	0	0	4	6	0	0	0	0	0
Madurai	34.1	+0.4	40.5	VI	25.8	+0.2	18.6	I	-	710.5	-162.6	63.3	IX	47	-3.5	-	5.5	-0.8	0	65	0	0	24	0	0	0	0	0	0
Madurai (A)	33.6	-	40.1	VI	23.5	-	17.7	I	161.7	740.7	-	72.0	X	43	-	13.2	10.8	-	4	60	0	0	63	0	0	0	1	0	0
Tondi	31.1	-	36.9	VII	24.7	-	19.7	I	232.8	1002.6	-	111.6	XII	47	-	18.0	15.3	-	0	76	0	0	47	0	0	0	0	0	0
Pamban	31.7	+0.2	34.4	IV,V,VI	25.4	0.0	21.5	III	416.9	1228.1	+284.7	118.0	XI	59	+11.5	17.6	14.6	+0.8	0	63	0	0	3	0	0	0	0	0	0
Tuticorin	31.6	0.0	39.9	VI	24.2	-0.5	18.5	I	178.0	764.0	+149.5	58.2	X	41	+6.2	20.7	17.2	+0.1	0	44	0	0	12	0	0	0	0	0	0
Palayamcottai	34.7	+1.0	44.5	VI	24.6	-0.5	19.9	I	381.4	903.7	+176.8	101.0	X	46	+5.6	14.2	11.1	+0.3	4	59	0	0	22	0	0	0	0	0	0
Kaniyakumari	31.[illegible]	-	35.4	VI	24.4	-	19.6	XII	208.9	884.0	-	75.2	XII	44	-	29.7	19.3	-	0	58	0	0	0	0	0	0	1	0	0
COASTAL MYSORE																													
Karwar	30.1	-0.1	37.2	II	23.1	+0.2	15.1	I	835.7	2296.5	-832.3	146.0	VII	84	-22.2	12.6	9.5	-	1	101	0	0	0	0	0	0	0	0	0
Honnavar	31.1	+0.1	36.8	II	23.1	+0.2	18.0	II	1214.2	2989.7	-490.6	131.6	VI	96	-18.1	-	-	-	4	113	0	0	20	0	0	0	0	0	0
Mangalore (Bajpe)	31.3		37.6	II	23.1	-	17.8	II	1086.6	3036.3	-	200.9	VI	104	-	10.8	7.2	-	3	124	0	0	52	4	0	0	0	0	0
Mangalore	31.2	-0.6	36.8	II	#	-	-	-	927.4	3005.5	-286.1	172.4	VII	98	-19.8	11.9	9.1	+1.4	0	115	0	0	2	0	0	0	0	0	0
INTERIOR MYSORE NORTH																													
Bidar	31.7	+0.3	40.6	V	20.9	+0.2	14.9	XII	236.2	909.9	+2.4	171.6	VII	39	-13.3	#	#	-	4	61	0	0	0	0	0	0	0	0	0
Gulbarga	33.8	+0.1	41.8	V	21.1	+0.5	10.4	I	161.2	645.5	-100.6	66.0	IX	40	-5.9	15.7	12.2	+1.0	0	51	0	0	19	17	1	0	0	0	0
Bijapur	33.2	+0.7	42.9	V	20.9	+0.9	12.6	I	72.4	399.4	-113.5	32.5	VIII	30	-2.9	9.5	8.0	-0.6	1	43	0	0	4	0	0	0	0	0	0
Raichur	33.9	+0.3	41.8	V	22.5	+0.4	15.6	I	116.9	519.8	-129.0	55.8	IX	39	-3.9	#	#	-	0	51	0	0	7	0	0	0	0	0	0
Belgaum	30.5	+0.2	37.4	IV	18.4	+0.6	11.6	XII	507.9	1316.0	+47.4	119.4	VII	68	-12.9	8.5	5.2	-3.6	3	111	0	0	17	0	0	0	0	0	0
Belgaum (Sanra)	30.2	-	37.2	IV	18.9	-	10.2	III	437.9	885.0	-	83.6	VII	53	-	13.3	9.7	-	3	92	0	0	28	2	0	0	0	0	0
Gadag	32.1	+0.6	39.2	IV,V	20.1	+0.2	13.5	I,II	171.9	521.2	-99.1	47.0	IX	35	-11.3	12.9	12.1	+0.9	4	59	0	2	31	4	0	0	0	0	0
INTERIOR MYSORE SOUTH																													
Bellary	34.0	+0.2	42.3	IV	22.4	+0.7	14.0	I,II	115.0	399.0	-110.0	51.0	VIII	26	-7.5	11.7	8.9	+1.2	0	28	0	0	3	0	0	0	0	0	0
Chitradurga	30.9	+0.9	37.7	V	20.5	+0.6	14.6	I	196.4	425.4	-217.2	34.2	XII	32	-13.8	9.6	8.2	-0.3	13	53	0	0	8	0	0	0	0	0	0
Shimoga	30.8	+0.3	37.6	IV	19.4	+0.2	9.6	I	388.2	714.4	-337.6	68.8	VII	44	-31.8	7.1	4.1	-1.1	0	66	0	0	19	83	0	0	0	0	0
Agumbe	27.2	-	32.4	IV	17.7	-	8.6	I	-	6393.0	-	289.0	VII	121	-	-	4.7	-	0	132	0	0	0	0	0	0	0	0	0
Balehonnur	28.3	+1.6	36.0	IV	17.3	-0.1	11.9	XII	-	2044.4	-569.2	210.0	VII	90	-31.5	-	-	-	0	121	0	1	10	29	0	0	0	0	0
Hassan	28.9	+0.2	35.7	V	17.7	+0.3	11.1	I	146.8	444.8	-444.3	53.0	VII	43	-24.3	9.5	7.4	+0.3	2	64	0	0	31	0	0	0	0	0	0
Bangalore	29.1	+0.2	35.6	V	18.9	+1.1	10.8	I	1[illegible]5	692.0	-173.7	94.0	VIII	38	-19.2	13.6	11.2	+2.2	4	65	0	1	23	5	0	0	0	9	0
Bangalore (A)	29.3	-	35.6	IV	17.9	-	10.5	I	[illegible].4	517.0	-	69.6	VIII	36	-	-	-	-	4	59	0	0	23	11	0	0	0	5	0
Mysore	29.9	-0.3	36.0	IV	19.5	+0.5	12.6	I	200.5	433.7	-358.3	35.0	V	35	-21.1	15.9	11.7	+1.9	0	45	0	0	9	0	0	0	0	0	0
KERALA																													
Calicut	30.9	+0.4	34.4	IV	23.9	+0.2	18.8	I	560.7	2365.3	-721.9	145.1	VI	93	-22.2	12.5	10.3	+1.8	0	110	0	0	23	0	0	0	0	0	0
Palghat	32.3	-	4022	IV	23.0	-	18.4	II	513.7	1668.6	-	88.8	VIII	77	-	12.6	10.2	-	0	111	0	0	27	0	0	0	0	0	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. E electrical instruments.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	No. of rainy days 2.5 mm. or more: Total in the year	Dep. from normal	Wind speed km. per hour: Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Weather phenomena - No. of days with: Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line Squall
KERALA (Contd.)																													
Fort Cochin	30.2	+0.5	33.2	II	23.7	-0.6	19.9	I	525.5	3096.4	+167.0	228.6	V	126	-4.1	12.5	9.7	+2.4	0	159	0	0	63	0	0	0	0	0	0
Cochin (N.A.S.)	30.9	-	33.9	II, IV	23.7	-	16.9	I	660.9	2812.0	-	209.1	V	120	-	10.8	8.0	-	2	155	0	0	106	0	0	0	0	36	0
Alleppey	31.1	+0.5	36.2	II	23.9	-0.1	18.7	I	477.7	2044.0	-1207.8	86.3	V	125	-17.3	14.5	11.3	+0.9	0	155	0	0	52	0	0	0	0	0	0
Punalur	#																												
Trivandrum	30.9	+0.2	34.5	I	23.5	0.0	20.5	I, XII	642.7	1798.0	+101.6	184.9	XII	88	-9.2	11.9	8.5	+1.5	11	142	0	0	102	2	0	0	0	2	0
Trivandrum (A)	30.5	-	33.6	IV	23.5	-	18.8	I	-	1603.5	-	139.0	XII	88	-	-	7.3	-	3	133	0	0	69	0	0	0	0	0	0
ARABIAN SEA ISLANDS																													
Amini	31.2	+0.2	33.9	V	25.0	-0.1	20.2	I	438.6	1177.9	-264.6	232.6	VIII	63	-14.4	17.2	16.9	+4.9	12	102	0	0	15	0	0	0	2	0	0
Agathi #																													
Androth #																													
Minicoy	30.5	+0.6	32.8	V, XI	24.2	-0.3	19.2	I	661.6	1877.4	+266.7	224.9	XII	78	-14.7	11.7	9.6	-1.8	6	121	0	0	38	0	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																													
Dalhousie	20.2	-0.1	32.0	VI	8.8	-2.3	-2.0	I, II	962.0	2958.1	+558.9	179.0	VII	97	+3.0	-	4.0	+0.1	0	117	11	15	42	8	0	0	0	0	0
Dharamsala	23.5	-0.1	35.9	VI	14.2	-1.2	2.2	II	516.8	1600.0	-1704.6	143.6	VII	74	-25.2	6.8	4.5	-0.2	10	101	0	0	79	2	0	0	0	0	0
Simla	16.5	-0.6	29.0	VI	-	-	-	-	462.5	935.0	-517.5	55.1	X	70	-18.6	2.5	2.0	-0.2	4	101	24	0	38	0	0	0	0	0	0
Dharampur	-	-	-	-	-	-	-	-	-	954.8	-440.5	44.8	VII	59	-12.3	-	-	-	0	75	-	-	-	-	-	-	-	-	-
Lohpal	1.1	-	12.2	VII	-4.6	-	-14.6	I	-	1950.6	-	59.2	II	107	-	-	-	-	4	120	62	8	19	44	0	0	0	0	0
Badrinath (R)																													
Joshimath	20.2	-	32.5	VI	9.9	-	-1.7	II	279.5	879.7	-	47.0	II	72	-	-	-	-	3	109	14	3	1	6	0	0	0	0	0
Mussoorie	18.2	+0.7	29.3	VI	-	-	-	-	603.9	1679.4	-545.6	159.2	V, II	72	-25.8	10.1	8.3	+0.9	0	80	10	4	58	18	0	0	0	0	0
Nuktesuar (Kumaon)	18.4	+1.2	30.1	VI	8.2	-0.8	-2.8	II	407.8	848.5	-511.7	81.0	VIII	64	-17.5	12.5	12.7	+3.7	1	87	14	5	75	44	0	0	0	0	0
Naintal	18.0	-0.3	28.0	VI	9.6	-0.8	-1.1	II	940.0	1857.5	-740.0	129.0	VIII	67	-29.0	-	-	-	0	96	11	0	0	0	0	0	0	0	0
Kalimpong	23.3	+2.2	29.5	IX	15.6	+1.0	2.8	II, III	385.0	1502.5	-686.9	75.6	VI	83	-2.9	#	#	-	1	108	0	0	0	3	0	0	0	0	0
Darjeeling	16.6	+0.9	23.4	IX	10.0	+0.2	0	I, II	739.2	2481.2	-729.8	99.0	VIII	132	+ 8.7	3.2	2.6	+0.2	0	141	1	0	17	111	0	0	0	0	0
Kohima	21.1	-	33.1	VII	15.0	-	-	-	907.8	1891.7	-	#	-	#	-	#	#	-	#	#	0	0	11	45	0	0	0	0	0
Shillong	22.2	+1.1	30.2	IV	11.6	-0.3	0.6	I	494.0	1743.5	-406.4	120.2	V	101	-20.9	2.9	2.4	-1.4	0	119	0	0	4	4	0	0	0	0	0
Cherrapunji *																													
Aizal #																													
Mawsynram	-	-	-	-	-	-	-	-	-	10756.0	-	494.2	VI	160	-	-	-	-	0	171	-	-	-	-	-	-	-	-	-
Abu	25.2	+0.8	33.3	V	14.6	-2.0	5.4	I	494.0	1574.6	+15.0	321.2	VII	33	-20.5	14.2	8.4	-0.3	0	45	0	0	7	7	1	0	0	0	0
Pachmarhi	27.0	+0.3	36.9	V	15.1	-0.9	1.1	XII	459.6	1352.1	-669.8	174.0	IX	60	-18.9	6.6	5.2	-1.2	0	80	0	0	43	0	0	0	0	0	0
Mahabaleshwar	25.0	+1.4	33.6	V	15.9	-0.2	8.7	I	2409.7	5959.1	-676.1	270.6	VII	110	-10.2	13.1	13.4	+0.2	6	120	0	0	18	142	0	0	0	0	0
Mercara	24.9	+0.4	32.5	III	15.8	-0.5	9.0	I	871.1	2454.3	-1182.4	95.0	VII	96	-35.8	13.6	11.1	+3.9	1	123	0	2	36	55	0	0	3	0	0
Gotacarund #																													
Coonoor (R)																													
Kodaikanal	18.1	+0.4	23.0	V	10.0	-0.4	2.8	I	838.2	1368.8	-319.8	68.4	IV	32	-25.1	12.1	12.6	-0.5	18	121	0	0	73	37	0	0	0	0	0
NEPAL																													
Katmandu	25.0	-	34.8	VI	10.7	-	-2.7	I	268.3	1333.2	-	72.0	VI	80	-	1.7	0.9	-	5	117	0	0	70	67	0	34	0	0	0
SIKKIM																													
Thangu #																													
Chungthang #																													
Lachen #																													
TIBET																													
Chumbi (Yatung) (R)																													

(R) Returns not received. # Data not available for complete year, hence no annual means. (A) Aerodrome. * Data not available.

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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 during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	Total in the year	Dep. from normal	Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
HYDROMETEOROLOGICAL OBSERVATORIES																												
DAMODAR CATCHMENT																												
Tilaiya	30.7	-	42.6	VI	19.0	-	4.1	XII	429.6	1048.5	-	182.8	IX	51	-	10.6	7.1	-	7	76	0	1	15	0	0	0	0	0	0
Hazaribagh	26.1	-	41.4	VI	17.1	-	3.8	XII	374.6	992.2	-	76.4	VII	59	-	9.5	5.6	-	8	83	0	1	44	2	3	0	0	0	0
Konar	33.3	-	44.5	V	15.1	-	7.7	I	245.2	980.3	-	77.5	VI,VII	54	-	9.8	7.5	-	1	68	0	0	3	0	0	0	0	0	0
Bokaro	32.7	-	44.1	VI	15.9	-	0.7	XII	447.9	984.4	-	93.2	VII	60	-	7.1	4.7	-	12	90	0	0	9	0	0	0	0	0	0
Maithon	32.8	-	45.1	VI	10.1	-	3.7	XII	496.7	1048.1	-	67.7	VII	57	-	#	#	-	2	78	0	2	38	7	7	0	0	0	0
Ramgarh	32.3	-	47.6	VI	#	-	#	#	455.0	1216.2	-	160.6	IX	54	-	4.9	3.1	-	3	73	0	1	26	0	5	0	0	0	0
Panchet Hill	32.0	-	44.5	VI	20.8	-	7.7	XII	451.4	929.4	-	53.5	X	62	-	5.2	4.0	-	0	83	0	1	6	15	0	0	0	0	0
Durgapur	32.0	-	43.4	VI	20.5	-	7.4	XII	166.0	1246.1	-	114.2	VII	61	-	10.7	8.6	-	1	82	0	1	13	24	4	0	0	0	0
MAHANADI CATCHMENT																												
Gangahar	31.6	-	43.4	VI	16.7	-	3.2	XII	-	1364.6	-	92.2	VIII	70	-	-	-	-	2	96	0	3	50	8	2	0	0	0	0
Hirakud	33.0	-	43.7	V,VI	21.7	-	9.7	I	369.5	982.2	-	88.0	VII	49	-	5.0	3.7	-	3	80	0	0	69	1	0	0	0	0	0
Bhimkund	31.7	-	43.1	VI	19.2	-	6.3	XII	739.0	1383.0	-	174.0	VII	66	-	5.5	2.6	-	0	103	0	0	136	7	0	0	1	0	0
Sonepur	32.6	-	44.0	V,VI	22.5	-	8.9	XII	-	1152.8	-	157.4	VII	54	-	-	6.3	-	0	68	-	-	-	-	-	-	-	-	-
Khijrewar	#	-	#	#	#	-	7.2	XII	-	540.0	-	51.0	VI	34	-	10.5	7.2	-	0	51	0	0	1	0	0	0	0	0	0
BARALA CATCHMENT																												
Bagre Tewa	33.2	-	45.0	V	18.9	-	4.6	XII	464.8	933.5	-	169.0	VII	37	-	7.7	5.1	-	1	64	0	1	15	0	0	0	0	0	0
Punasa #																												
Thikri	35.7	-	46.3	V	#	-	5.6	XII	-	391.4	-	46.6	VII	30	-	-	-	-	3	49	-	-	-	-	-	-	-	-	-
SABARMATI CATCHMENT																												
Darui	34.5	-	43.6	V	20.5	-	9.6	II,XII	196.4	576.1	-	124.0	VII	20	-	-	-	-	1	26	-	-	-	-	-	-	-	-	-
GANDAK CATCHMENT																												
Jomsom	18.6	-	28.6	VII	5.4	-	-5.8	XII	106.0	284.8	-	36.2	VIII	30	-	-	-	-	0	33	-	-	-	-	-	-	-	-	-
Khudi Bazar	#	-	-	-	#	-	-	-	#	3137.4	-	206.4	VIII	*133	-	-	-	-	0	169	-	-	-	-	-	-	-	-	-
Timure	22.4	-	35.4	VI	*	-	*	-	111.2	920.8	-	32.4	VII	68	-	-	-	-	2	124	-	-	-	-	-	-	-	-	-
Pokhara	25.9	-	36.5	V	15.4	-	3.7	XII	872.6	3312.9	-	150.1	VIII	120	-	4.7	4.0	-	9	149	0	7	119	6	6	0	0	1	0
Gorkha	24.6	-	34.4	V	16.1	-	5.2	I	490.0	1921.0	-	259.0	VII	87	-	-	-	-	7	117	0	2	89	95	0	0	1	0	0
Muvakot #																												
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																												
Dailekh #																												
GHAGHARA CATCHMENT																												
Dadeldhura	19.7	-	31.9	VI	11.0	-	-1.0	II	509.2	1202.2	-	73.8	III	69	-	6.4	5.4	-	6	99	4	9	59	56	0	27	0	0	0
Sallyana	24.0	-	34.6	V	13.8	-	1.5	I	236.1	880.6	-	60.4	VII	62	-	-	-	-	2	84	-	-	-	-	-	-	-	-	-
Butwal	30.9	-	41.9	V,VI	20.5	-	6.1	I	776.4	2374.5	-	297.8	VIII	80	-	-	-	-	1	90	-	-	-	-	-	-	-	-	-
BAGMATI CATCHMENT																												
Katmandu $																												
KOSI CATCHMENT																												
Chautara	24.1	-	33.6	V	13.1	-	3.2	II	332.3	1648.6	-	66.2	VI	93	-	-	-	-	0	116	-	-	-	-	-	-	-	-	-
Wallungchung Gola	11.0	-	20.0	IX	2.9	-	-9.5	II	390.6	1535.6	-	38.1	IX	145	-	-	-	-	7	172	-	-	-	-	-	-	-	-	-
Taplethok #																												
Bhojpur	20.7	-	28.7	IV	12.2	-	4.4	II	351.6	1346.7	-	94.0	VIII	88	-	-	-	-	0	101	-	-	-	-	-	-	-	-	-

Data not available for complete year, hence no annual means. $ Data under Nepal. * Data not available.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1965

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 during the year	Month	Mean Minimum	Departure from normal	Lowest during the year	Month	Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Month	Total in the year	Dep. from normal	Mean between 0830-1730 hrs.	Mean 24 hours	Departure from normal	Precipitation (0.1 and 0.2 mm.)	Precipitation (0.3 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line Squall
KOSI CATCHMENT (Contd.)																													
Taplejung	20.0	-	27.1	IX	11.2	-	1.4	II	421.7	2321.1	-	88.2	IX	132	-	5.9	4.0	-	4	171	0	1	40	72	0	2	0	0	0
Okhaldhunga	20.3	-	27.6	V	11.6	-	2.2	I	519.2	1893.7	-	130.1	VII	103	-	4.5	3.6	-	5	134	0	10	59	86	0	7	0	0	0
Chainpur	#	-	-	-	#	-	-	-	340.8	1442.3	-	113.2	VI	103	-	-	-	-	0	126	-	-	-	-	-	-	-	-	-
Angbung #																													
Barahakshetra	29.7	-	39.4	IV	18.7	-	8.4	XII	684.0	1975.1	-	124.7	VI	91	-	6.2	4.0	-	8	121	0	4	69	0	1	0	0	1	0
TISTA CATCHMENT																													
Gangtok	20.2	-	28.3	IX	11.1	-	1.6	II	664.4	3302.0	-	87.3	V	165	-	2.6	2.5	-	11	200	0	4	39	143	0	0	0	0	0
Gezing	22.5	-	29.7	IX	12.3	-	2.3	II	336.1	2466.2	-	116.2	VIII	112	-	-	-	-	1	132	-	-	-	-	-	-	-	-	-

Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
BAY ISLANDS																											
Maya Bandar	0830	28	1010.7	1007.5	-	27.0	24.9	23.9	29.7	83	-	4.3	-	8.4	0	49	255	13	83	22	17	4	112	42	11	61	0
	1730	"	1008.0	1004.9	-	26.9	24.7	23.6	29.3	83	-	4.6	-	10.3	0	43	292	8	103	29	24	5	109	41	16	30	0
Long Island	0830	25	1010.9	1008.1	-	27.6	25.0	23.9	29.7	80	-	5.1	-	2.3	0	0	206	1	23	32	22	9	77	29	13	159	0
	1730	"	1008.4	1005.5	-	26.9	24.5	23.3	28.7	81	-	5.0	-	1.5	0	0	143	2	17	19	10	3	67	20	5	222	0
Port Blair	0530	79	1009.4	1000.5	-	24.5	23.4	22.8	27.8	91	-	5.4	-	10.3	0	75	214	15	21	39	18	11	61	78	46	76	0
	0830	"	1011.1	1002.3	+0.6	28.1	24.8	23.3	28.6	76	-1	5.6	+0.7	15.6	0	110	240	26	61	47	36	13	57	62	48	15	0
	1130	"	1009.9	1001.0	-	29.1	25.1	23.2	28.6	72	-	5.7	-	17.7	0	121	240	13	56	78	42	24	60	52	36	4	0
	1730	"	1008.7	999.8	-	26.6	24.2	23.0	28.2	81	-	5.7	-	12.5	0	79	243	14	60	46	24	12	70	59	37	43	0
	2330	"	1010.1	1001.1	-	25.2	23.8	23.1	28.3	88	-	4.6	-	10.5	0	75	203	9	38	36	20	13	60	71	31	87	0
Car Nicobar	0830	26	1011.0	1009.8	-	28.3	25.1	23.7	29.3	76	-	4.2	-	2.9	0	0	283	5	123	13	25	0	89	13	13	82	2
	1730	"	1008.6	1007.4	-	27.5	24.7	23.5	29.1	80	-	4.3	-	2.1	0	0	199	1	86	7	10	2	77	9	5	166	2
Nancowry	0830	10	1011.3	1008.3	-	28.1	25.4	24.2	30.1	80	-	4.9	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1008.6	1005.7	-	27.3	24.9	23.9	29.6	82	-	4.8	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Kondul	0830	8	*	*	-	27.7	25.2	24.1	30.1	81	-	5.3	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	*	*	-	26.9	24.9	24.0	29.9	84	-	5.2	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-
NORTH ASSAM (INCLUDING NEFA)																											
Pasighat	0830	157	1011.3	993.3	-	21.6	19.2	17.6	21.1	79	-	5.1	-	13.5	0	122	201	19	25	8	13	2	12	2	242	42	0
	1730	"	1007.4	989.5	-	22.9	20.7	19.4	23.4	82	-	4.8	-	4.4	0	9	209	12	10	4	13	3	19	20	137	147	0
Dibrugarh (Mohanbari)	0230	111	1008.7	995.8	-	18.8	18.1	17.6	21.1	93	-	4.9	-	3.0	0	3	150	3	108	18	1	3	12	5	5	14	0
	0530	"	1009.3	996.4	-	18.1	17.6	17.2	20.7	94	-	5.1	-	3.1	0	1	184	13	103	34	11	4	6	5	9	180	0
	0830	"	1010.9	998.2	-0.2	22.0	19.9	18.5	22.2	81	-5	4.9	+0.1	6.3	0	1	337	16	174	104	13	6	12	6	7	27	0
	1130	"	1009.3	996.7	-	25.4	21.0	18.2	21.9	66	-	4.7	-	6.6	0	4	345	41	169	74	16	8	13	5	21	16	2
	1430	"	1006.7	994.1	-	26.8	21.4	18.0	21.8	61	-	4.5	-	6.2	0	2	326	21	162	68	22	3	19	7	26	37	0
	1730	"	1006.9	994.2	-	23.8	20.8	19.0	22.9	75	-	4.5	-	3.2	0	2	173	10	111	24	7	4	7	1	11	190	0
	2030	"	1008.8	996.0	-	20.8	19.5	18.7	22.5	88	-	4.2	-	(a) 2.9	0	2	137	11	102	9	5	1	4	3	4	225	0
	2330	"	1009.2	997.2	-	19.7	18.7	18.1	21.8	91	-	4.6	-	3.4	0	3	153	7	103	13	11	2	12	3	5	209	0
Digboi	# 0830	152																									
	# 1730	"																									
North Lakhimpur	0830	102	1011.2	999.6	+0.6	22.8	20.4	18.9	22.7	79	-3	4.7	-0.4	4.5	0	3	297	67	94	56	26	34	12	6	5	65	0
	1130	"	1009.7	998.1	-	26.0	21.6	18.9	22.7	67	-	4.4	-	6.1	0	5	327	43	90	90	37	55	13	3	1	33	0
	1430	"	1007.1	995.6	-	27.1	21.8	16.7	22.6	62	-	4.2	-	5.3	0	8	299	45	76	82	19	50	25	8	2	58	0
	1730	"	1007.3	995.7	-	23.8	21.4	20.1	24.3	80	-	4.2	-	2.9	0	2	179	58	50	16	8	19	12	4	13	184	1
	# 2030	"																									
Sibsagar	0830	97	1011.3	1000.2	+0.4	22.7	20.8	19.7	23.7	84	-3	5.3	-0.9	2.9	0	0	275	109	98	15	12	14	27	0	0	90	0
	1730	"	1006.9	996.1	-	26.1	22.2	20.0	24.2	69	-	4.7	-	2.8	0	0	224	83	79	6	14	8	27	1	6	141	0
Gohpur	# 0830																										
	# 1730																										
Majbat	0830	-	-	994.4	-	23.3	20.8	19.4	23.4	79	-	4.3	-	(1) 3.7	0	0	294	11	167	25	36	5	34	6	10	59	0
	# 1730																										
Jorhat (A)	0530	90	1008.9	998.5	-	19.1	18.7	18.5	22.4	97	-	5.3	-	0.7	0	0	74	5	41	6	3	1	9	3	6	291	0
	0830	"	1010.6	1000.3	-	22.8	20.9	19.9	24.0	84	-	5.2	-	1.7	0	2	196	12	112	19	4	6	32	4	9	167	0
	1130	"	1009.0	998.9	-	26.5	22.3	20.0	24.2	69	-	4.5	-	3.2	0	4	289	33	153	41	5	3	28	9	16	72	5
	1730	"	1006.5	996.3	-	24.3	21.5	20.0	24.2	78	-	4.3	-	1.2	0	0	139	11	85	11	4	0	15	7	6	226	0
	2330	"	1008.5	998.1	-	20.4	19.8	19.4	23.5	94	-	4.1	-	0.7	0	0	77	4	38	9	4	0	18	0	4	288	0
Tangla	0830	78	1010.1	1001.1	-	23.1	21.2	20.2	24.6	85	-	-	-	1.4	0	0	202	0	4	0	139	4	54	0	1	163	0
	1730	"	1006.3	997.5	-	26.1	23.7	22.3	27.9	81	-	#	-	(a) 0.6	0	0	98	0	2	0	50	4	42	0	0	266	0

(A) Aerodrome. (a) Data for 364 days. # Data not available for complete year, hence no annual means. (1) Data for 353 days. * Data not available.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
NORTH ASSAM (INCLUDING NEFA) (Contd.)																											
Tezpur	0830	79	1011.2	1002.1	-0.1	22.0	20.2	19.1	23.0	84	+2	4.4	+0.2	(i) 3.8	0	1	312	17	224	25	7	10	25	4	1	43	0
	1730	"	1006.9	997.9	-	25.9	21.8	19.3	23.4	69	-	3.4	-	3.0	0	0	244	21	130	16	9	4	48	10	5	111	1
Golaghat	0830	95	1010.3	999.3	-	22.5	20.5	19.4	23.4	82	-	4.4	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1006.3	995.6	-	26.9	22.4	19.9	24.1	66	-	3.5	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Rangia	0830	60	1011.4	1004.5	-	24.0	21.4	19.5	24.0	79	-	3.7	-	(d) 7.0	0	9	349	4	72	189	37	7	9	26	14	3	0
	1730	"	1007.6	1000.8	-	25.9	22.7	20.9	25.4	74	-	2.9	-	(j) 2.9	0	1	236	16	38	77	25	12	17	32	20	118	0
Chaparmukh	0830	66	1011.9	1004.4	-	23.5	21.1	19.8	23.9	80	-	4.1	-	(g) 4.5	1	0	354	2	52	87	155	21	18	4	15	3	1
	1730	"	1007.8	1000.4	-	26.0	22.5	20.6	25.1	73	-	3.3	-	—	0	1	281	30	59	41	50	19	30	20	33	70	0
Goalpara	0830	38	1010.4	1006.1	-	21.6	19.9	18.9	22.8	85	-	3.9	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1007.1	1002.9	-	26.4	22.8	20.8	25.6	73	-	3.6	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Gauhati	@ 0830																										
Gauhati (Bhorjor)	0230	54	1007.9	1001.6	-	20.2	19.4	19.0	23.1	93	-	3.8	-	3.0	0	2	146	18	43	17	10	24	18	8	10	217	0
	0530	"	1008.7	1002.3	-	19.5	18.9	18.6	22.6	94	-	4.5	-	2.4	0	1	147	14	53	23	14	19	9	6	10	217	0
	0830	"	1010.4	1004.2	+0.1	23.0	20.9	19.8	23.9	82	+5	4.6	+0.5	4.7	0	3	255	67	99	22	10	17	13	15	15	107	0
	1130	"	1008.9	1002.7	-	26.7	22.4	19.9	24.2	67	-	4.1	-	7.5	0	6	349	126	125	18	5	7	8	24	38	10	4
	1430	"	1006.3	1000.1	-	27.9	22.5	19.3	23.4	61	-	4.3	-	7.9	0	4	346	84	117	7	9	11	22	49	51	15	0
	1730	"	1006.4	1000.2	-	25.4	22.0	20.0	24.2	74	-	4.5	-	4.6	1	2	244	41	63	17	17	18	19	43	29	118	0
	2030	"	1008.5	1002.3	-	22.4	21.0	20.1	24.6	88	-	3.5	-	2.7	0	2	134	7	38	17	10	27	22	7	8	229	0
	2330	"	1008.7	1002.4	-	21.1	20.1	19.5	23.7	91	-	3.6	-	2.6	0	3	120	9	43	15	6	17	23	6	4	242	0
Dhubri (Rupsi)	0530	36	1008.3	1003.1	-	19.2	18.5	18.2	22.0	94	-	4.1	-	5.6	0	6	284	9	158	61	14	16	16	9	7	75	0
	0830	"	1010.0	1004.8	-	23.2	20.9	19.5	23.6	80	-	3.9	-	6.9	0	4	327	5	104	145	23	25	16	12	1	34	0
	1130	"	1008.9	1003.8	-	26.8	22.3	19.6	23.6	68	-	3.9	-	8.0	0	5	343	10	75	128	38	39	40	12	7	16	0
	1730	"	1005.9	1000.8	-	25.9	22.7	20.9	25.5	76	-	3.6	-	4.4	0	3	225	10	47	50	18	24	37	32	10	137	0
Dhubri	0830	35	1010.7	1006.7	+0.6	23.1	20.9	19.5	23.9	83	+3	3.2	-0.4	8.4	0	25	314	8	212	57	28	7	19	1	7	26	0
	1730	"	1007.2	1003.0	-	25.5	22.3	20.3	24.8	74	-	2.6	-	(a) 0.9	0	1	86	1	65	10	2	0	7	0	2	277	0
Lumding	0830	149	1010.9	993.7	-	21.1	19.7	18.9	22.8	88	+5	3.9	-	1.4	0	0	169	2	14	104	24	11	2	5	7	196	0
	1730	"	1006.7	989.9	-	26.3	22.6	20.6	24.9	72	-	4.4	-	1.5	0	1	189	7	8	59	20	30	19	27	20	175	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
Tura	0830	370	1010.6	968.7	-	22.1	19.6	18.0	21.5	78	-	3.2	-	3.8	0	0	309	10	19	111	65	46	21	23	12	56	2
	1730	"	1006.7	965.4	-	25.9	21.8	19.2	23.4	70	-	6.4	-	(a) 4.1	0	0	319	13	18	39	50	67	62	62	8	45	0
Haflong	0830	682	1010.5	934.6	-	20.6	18.2	16.4	19.5	79	-	4.4	-	5.2	0	3	339	18	3	0	0	48	110	1	162	23	0
	1730	"	1006.1	930.9	-	22.4	19.2	17.2	20.3	74	-	3.7	-	4.4	0	0	318	15	2	0	1	35	128	0	137	47	0
Silchar (Kumbhirgram)	0530	97	1008.0	996.9	-	19.8	18.8	18.1	21.7	89	-	4.4	-	7.2	2	4	313	5	16	283	2	4	1	7	1	46	0
	0830	"	1009.4	998.4	-	23.2	20.5	18.9	22.7	77	-	4.2	-	7.5	0	2	322	4	6	270	15	8	7	10	4	41	0
	1130	"	1007.8	996.9	-	27.2	22.0	18.8	22.7	62	-	4.1	-	6.6	0	2	328	7	17	129	38	34	39	48	16	35	2
	1730	"	1005.5	994.6	-	25.6	21.8	19.5	23.5	70	-	3.8	-	4.0	0	3	246	20	33	76	10	10	19	68	13	116	0
Silchar	0830	29	1010.9	1007.5	-	23.7	21.4	20.1	24.4	80	-1	4.3	+0.2	1.0	0	0	183	11	45	45	41	18	13	6	4	182	0
	1730	"	1006.9	1003.6	-	26.6	22.8	20.7	25.2	72	-	3.5	-	0.6	0	0	103	14	23	9	10	9	11	13	14	262	0
Imphal (Tulihal)	0530	781	1011.8	923.8	-	15.6	14.9	14.4	17.5	93	-	5.4	-	1.4	0	2	64	8	19	13	7	5	2	6	6	299	0
	0830	"	1012.0	925.2	+0.2	19.9	17.3	15.6	18.5	77	+1	5.3	+0.7	2.7	0	2	116	10	19	17	20	20	9	7	16	247	0
	1130	"	1009.1	923.7	-	23.7	18.7	15.4	18.3	61	-	5.1	-	7.2	0	15	246	9	12	28	35	48	52	33	43	104	1

(a) Data for 364 days. (d) Data for 361 days. (g) Data for 358 days. (j) Data for 355 days. (m) Data for 352 days. @ Observatory closed on 16.9.1965.
(i) Data for 356 days.
Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in s.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA) (Contd.)																											
Imphal (Tulihal) (Contd.)	1430	781	1006.0	921.3	-	25.3	18.8	14.6	17.7	54	-	4.9	-	9.7	0	29	271	6	10	21	32	55	40	64	72	65	0
	1730	"	1007.3	921.5	-	21.9	18.0	15.4	18.3	68	-	4.9	-	8.1	0	9	269	9	6	13	36	30	22	57	105	87	0
	2030	"	1010.2	923.4	-	19.2	17.1	15.7	18.7	81	-	4.3	-	3.9	0	0	166	13	11	22	19	22	10	28	41	199	0
	2330	"	1011.0	923.6	-	17.5	16.2	15.4	18.4	88	-	4.6	-	2.0	0	0	96	11	28	6	3	10	4	13	21	269	0
Kailashahar	0530	29	1009.5	1006.1	-	20.0	19.4	19.1	23.0	95	-	4.3	-	2.2	0	3	160	3	12	20	11	67	44	3	2	202	1
	0830	"	1011.0	1007.7	-	23.8	21.6	21.4	24.8	82	-	4.0	-	3.9	0	3	283	14	19	34	25	89	83	7	14	79	1
	1130	"	1009.6	1006.3	-	28.2	23.3	20.7	25.2	65	-	4.2	-	4.8	0	2	336	38	52	51	26	64	57	20	25	26	6
	1730	"	1007.2	1003.9	-	26.5	23.0	21.1	25.7	74	-	4.0	-	2.6	0	1	188	20	24	25	5	45	46	11	13	176	0
Agartala	0230	16	1007.2	1005.4	-	21.3	20.5	19.9	24.2	92	-	3.7	-	5.6	0	15	167	5	9	11	82	66	2	2	5	183	0
	0530	"	1007.6	1005.8	-	20.6	20.0	19.6	23.7	94	-	4.3	-	5.2	0	14	171	2	11	22	91	50	4	2	3	180	0
	0830	"	1009.4	1007.6	+0.2	24.7	22.5	21.0	25.6	79	0	4.4	+0.1	8.0	0	30	230	23	23	15	71	94	15	9	10	105	0
	1130	"	1008.5	1006.5	-	28.8	23.3	20.2	24.7	62	-	4.6	-	11.4	0	40	295	(a) 40	15	8	44	91	40	46	50	30	0
	1430	"	1006.0	1004.2	-	29.3	23.2	19.4	23.8	58	-	4.7	-	11.5	0	49	294	44	11	9	28	80	46	52	73	22	0
	1730	"	1005.9	1004.1	-	26.8	22.7	20.3	25.0	70	-	4.3	-	8.4	0	31	221	34	11	10	29	101	22	16	29	113	0
	2030	"	1007.8	1006.0	-	23.4	21.6	20.6	25.1	85	-	3.4	-	7.2	0	15	169	7	8	7	53	95	7	6	1	181	0
	2330	"	1008.0	1006.2	-	22.2	21.1	20.3	24.7	89	-	3.5	-	6.3	0	17	184	5	14	13	75	85	4	1	4	164	0
SUB-HIMALAYAN WEST BENGAL																											
Baghdogra	0230	131	1008.0	992.8	-	19.4	18.2	17.3	21.0	88	-	3.3	-	5.2	0	8	192	70	70	44	1	2	2	6	5	165	0
	0530	"	1008.5	993.2	-	18.5	17.4	16.6	20.2	90	-	3.7	-	5.6	0	6	218	71	72	59	6	3	2	4	7	141	0
	0830	"	1010.2	995.2	+0.7	23.3	20.1	18.0	21.6	73	-2	3.9	-0.1	7.9	0	20	234	20	89	106	20	8	2	5	4	111	0
	1130	"	1009.3	994.4	-	27.2	21.6	18.1	21.9	59	-	4.0	-	12.0	0	33	306	10	56	124	85	24	28	8	2	26	2
	# 1430	"																									
	1730	"	1006.2	991.4	-	25.6	21.4	18.7	22.7	68	-	3.6	-	7.4	0	16	233	14	51	77	32	17	34	23	1	116	0
	# 2030	"																									
	2330	"	1008.8	993.7	-	20.5	19.1	18.1	21.9	86	-	3.4	-	6.9	0	13	244	96	79	54	7	2	3	6	9	108	0
Jalpaiguri	0830	83	1010.0	1000.5	0	21.3	19.6	18.5	22.2	84	+2	3.3	+0.4	5.7	0	0	322	89	77	90	14	5	6	8	33	43	0
	1730	"	1005.9	996.6	-	26.6	22.0	19.1	23.1	65	-	2.4	-	(a) 4.6	0	0	231	27	27	62	32	15	24	16	8	133	0
Cooch Behar	0830	43	1010.4	1005.5	-	23.1	20.7	19.3	23.3	80	-	3.8	-	7.5	0	16	289	6	92	176	12	4	8	2	2	60	3
	1130	"	1009.3	1004.5	-	26.7	22.3	19.6	23.5	67	-	3.7	-	8.7	0	18	299	3	54	167	46	18	14	8	3	48	4
	1730	"	1006.5	1001.6	-	25.6	22.2	20.3	24.8	73	-	3.2	-	2.5	0	7	103	1	32	41	16	3	3	9	2	255	3
Balurghat	0830	26	1008.8	1005.8	-	24.6	21.3	19.2	23.5	72	-	3.3	-	3.1	0	0	309	51	37	39	81	17	35	13	35	56	1
	1730	"	1005.1	1002.2	-	27.5	22.5	19.7	23.9	65	-	2.7	-	1.8	0	0	195	16	14	28	51	24	41	11	10	170	0
Malda	0830	31	1009.7	1006.1	+0.3	24.9	21.1	18.8	23.1	71	-1	3.3	+0.6	2.5	0	0	270	45	30	48	40	20	31	20	33	95	3
	1730	"	1005.7	1002.1	-	28.2	22.1	18.3	22.4	59	-	3.2	-	2.1	0	0	227	19	22	43	32	20	6	22	62	138	1
GANGETIC WEST BENGAL																											
Berhampore	0830	19	1009.2	1007.1	-0.1	24.7	21.8	20.1	24.7	77	+2	3.7	0	3.2	0	0	270	21	3	65	5	107	28	38	3	95	0
	1730	"	1005.5	1003.3	-	28.1	22.6	19.4	23.5	63	-	3.6	-	2.5	0	4	177	6	2	47	4	78	12	26	6	184	0
Suri	0830	77	%	%	-	26.0	21.1	17.9	21.9	63	-	3.0	-	3.8	0	0	365	66	9	62	11	104	13	80	20	0	0
Asansol	0230	126	1007.4	992.9	-	21.3	19.0	17.4	21.1	78	-	2.5	-	3.0	0	1	167	3	6	5	27	31	21	37	38	157	0
	0530	"	1008.0	993.5	-	20.7	18.7	17.4	21.0	82	-	3.4	-	3.0	0	0	208	3	7	13	34	31	24	56	40	157	0
	0830	"	1009.5	995.3	+0.7	25.8	20.8	17.7	21.4	63	-6	3.1	-0.4	5.9	0	0	336	12	32	18	32	37	34	76	95	29	0
	1130	"	1008.4	994.3	-	30.5	21.8	16.2	19.8	45	-	3.3	-	7.9	0	6	342	41	50	23	28	36	27	65	78	17	0
	1430	"	1005.7	991.7	-	31.6	21.9	15.6	19.2	41	-	3.7	-	8.3	0	10	343	36	46	28	27	34	33	55	94	12	0
	1730	"	1005.6	991.5	-	28.5	21.3	16.7	20.1	53	-	3.8	-	5.0	0	4	250	18	15	23	39	35	21	41	62	111	0
	# 2030	"																									
	2330	"	1008.3	993.8	-	22.7	19.5	17.4	21.1	74	-	2.5	-	4.5	0	6	222	11	10	14	23	54	32	38	46	137	0

(a) Data for 364 days. % No barometer at the station. # Data not available for complete year, hence no annual values.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
GANGETIC WEST BENGAL (Contd.)																											
Shanti Niketan	0830	59	1009.7	1000.0	-	25.3	21.2	18.7	22.8	69	-	3.2	-	4.5	0	1	310	44	32	16	16	55	49	30	65	54	0
	1130	"	1009.0	1000.2	-	29.8	27.1	17.2	21.2	51	-	3.0	-	4.6	0	2	331	67	47	25	29	34	51	33	47	32	0
	1730	"	1003.9	959.2	-	28.1	21.7	17.6	21.6	58	-	3.6	-	4.5	0	4	261	32	31	22	27	64	28	29	32	100	0
Krishnanagar	0830	15	1009.6	1000.0	<0.4	25.9	22.3	20.2	24.9	72	-2	2.4	-1.1	1.7	0	0	156	8	6	8	18	86	16	5	9	209	0
	1730	"	1006.2	1004.7	-	28.3	22.6	15.4	23.4	61	-	2.7	-	0.8	0	0	100	1	2	1	3	87	4	1	0	265	1
Purulia	0830	255	1009.8	981.1	+0.5	24.7	19.9	16.7	20.2	63	0	3.4	+0.2	3.7	0	0	338	48	20	14	28	47	51	60	70	27	0
	1730	"	1005.7	977.5	-	28.9	21.1	16.6	15.8	51	-	4.1	-	3.2	0	3	266	40	36	18	44	38	21	31	41	96	0
Bankura	0830	100	1009.1	997.8	-	24.9	21.2	18.9	23.1	71	-	2.5	-	1.5	0	0	200	16	16	9	13	7	41	28	53	165	17
	1730	"	1003.2	994.1	-	29.4	22.8	18.9	22.0	57	-	2.8	-	1.4	0	0	127	5	16	10	12	7	18	7	13	236	39
Burdwan	0830	32	1009.4	1000.8	+0.2	26.0	22.0	19.6	24.0	69	-5	2.2	-1.5	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1005.6	1002.0	-	29.2	22.9	19.1	23.3	58	-	2.5	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Barrackpore (A)	0530	7	1008.1	1007.3	-	21.7	20.7	20.1	24.7	91	-	3.6	-	4.1	0	2	210	20	16	22	11	56	61	11	15	153	0
	0830	"	1009.7	1008.9	+0.5	25.7	22.5	20.7	25.0	75	-1	3.5	-0.2	6.8	0	6	292	32	25	35	15	42	83	25	41	57	0
	1130	"	1008.9	1008.1	-	29.6	22.2	19.5	23.8	57	-	3.3	-	8.8	0	7	334	46	30	36	18	43	72	50	41	24	2
	1730	"	1006.4	1005.6	-	27.5	23.1	20.7	25.1	68	-	3.8	-	6.1	0	10	262	27	14	21	25	69	60	19	37	93	0
	2330	"	1008.4	1007.6	-	23.0	21.5	20.7	25.4	87	-	2.9	-	4.2	0	6	162	8	6	7	20	59	63	4	7	151	0
Calcutta (Dum Dum)	0230	6	1007.0	1006.2	-	22.5	21.5	21.0	25.8	91	-	2.9	-	3.8	0	4	209	16	15	12	34	64	49	8	14	152	0
	0530	"	1007.5	1006.8	-	22.0	21.1	20.6	25.4	92	-	3.9	-	2.9	0	1	202	21	13	12	34	48	52	9	13	162	0
	0830	"	1009.5	1008.6	+0.2	25.7	22.7	21.1	26.4	76	+1	3.7	-0.2	5.6	0	6	307	35	37	18	44	54	74	22	29	52	0
	1130	"	1008.4	1007.7	-	29.3	23.6	20.4	25.0	60	-	4.0	-	7.4	0	14	337	29	35	29	49	46	56	28	67	14	2
	1430	"	1005.0	1005.2	-	30.5	23.9	20.3	24.7	57	-	4.2	-	6.9	0	6	334	29	30	26	39	56	63	29	68	25	0
	1730	"	1005.9	1005.2	-	27.8	23.5	21.2	26.0	69	-	4.2	-	5.0	0	8	224	15	7	17	47	81	42	8	15	133	0
	2030	"	1007.8	1007.1	-	24.6	22.6	21.6	26.5	84	-	2.9	-	4.3	0	2	217	5	16	12	46	90	37	6	7	146	0
	2330	"	1008.0	1007.3	-	23.3	22.1	21.4	26.3	89	-	3.1	-	4.2	0	0	225	15	13	14	44	81	47	5	6	140	0
Calcutta	0830	6	1009.2	1008.5	0	26.5	22.8	20.7	25.4	71	-3	3.2	-0.6	4.5	0	0	315	32	32	21	26	69	63	24	48	50	0
	1130	"	1008.2	1007.5	-	29.9	23.3	19.4	23.8	55	-	3.5	-	5.4	0	2	337	39	23	27	35	59	52	40	64	26	0
	1730	"	1005.8	1005.1	-	27.9	22.8	19.9	24.2	64	-	3.5	-	4.7	0	5	289	20	10	17	42	100	40	14	51	71	0
Midnapore	0830	45	1009.2	1004.0	0	25.5	21.5	19.1	23.6	69	-2	2.4	-0.7	2.4	0	1	272	47	70	12	3	54	54	21	5	92	7
	1730	"	1003.7	1000.6	-	28.0	22.5	18.4	22.4	55	-	3.2	-	3.1	0	2	241	36	45	5	10	101	30	4	9	122	3
Contai	0830	11	1009.2	1008.1	+0.8	26.1	23.2	21.7	26.8	77	0	2.8	-0.6	7.9	0	32	299	130	6	9	18	52	87	27	2	34	0
	1730	"	1006.0	1004.8	-	27.1	23.8	22.0	27.3	76	-	2.9	-	8.5	0	38	231	14	3	5	37	168	32	7	3	96	0
Sagar Island	0830	3	1008.9	1008.6	-0.1	26.2	23.8	27.6	28.1	80	+2	3.8	-0.5	16.5	1	121	237	65	53	14	17	46	106	32	29	3	0
	1730	"	1005.9	1005.6	-	27.0	24.0	22.4	27.9	76	-	3.9	-	17.6	0	124	239	41	21	15	56	112	80	15	23	2	0
Sandheads	0530	10	1006.9	1005.8	-	26.2	23.8	27.5	28.0	81	-	3.9	-	17.1	0	129	203	47	50	13	16	35	143	18	10	33	0
	0830	"	1008.9	1007.8	-0.4	27.9	24.5	22.8	28.4	75	+2	3.5	-0.1	16.7	2	118	222	44	62	13	13	31	142	22	15	23	0
	1130	"	1006.7	1007.6	-	29.2	25.0	22.8	26.1	69	-	3.5	-	16.3	1	121	213	54	58	10	14	36	135	16	12	30	0
	1730	"	1005.9	1004.8	-	27.5	24.2	27.5	27.9	75	-	3.8	-	16.2	1	119	155	42	25	15	30	54	126	14	9	50	0
	2330	"	1007.8	1006.7	-	26.5	23.9	22.6	28.1	79	-	1.5	-	16.7	0	136	179	33	33	16	23	54	135	11	10	50	0
ORISSA																											
Baripada	0830	54	1010.3	1004.1	-	25.5	21.8	1.7	24.1	71	-	2.7	-	3.1	0	0	280	81	69	4	11	41	39	6	22	85	7
	1730	"	1006.8	1000.7	-	28.0	22.9	20.2	24.5	65	-	3.8	-	2.5	0	0	177	13	14	10	42	50	29	7	4	188	8
Jharsuguda	0230	230	1007.2	981.1	-	22.2	15.0	16.9	20.2	74	-	3.2	-	3.6	0	1	158	24	32	14	25	22	24	18	0	206	0
	0530	"	1007.9	981.6	-	21.0	18.5	16.8	20.1	79	-	3.7	-	3.9	0	2	188	50	42	11	16	20	23	23	5	175	0
	0830	"	1009.6	983.6	+0.6	25.0	19.9	16.5	19.9	62	-4	3.7	+0.2	7.8	0	9	284	65	70	30	17	28	37	31	15	72	0
	1130	"	1008.4	982.9	-	29.9	21.2	15.3	18.6	45	-	3.5	-	9.3	0	16	301	37	52	32	16	30	43	80	27	48	0
	# 1430	"																									
	1730	"	1005.3	979.8	-	29.6	20.8	14.8	18.0	46	-	4.2	-	7.8	0	21	245	19	30	22	12	53	43	65	22	99	0
	# 2030	"																									
	2330	"	1008.0	982.0	-	23.7	19.5	16.8	20.1	68	-	3.3	-	4.6	0	2	153	22	35	28	29	27	29	16	9	170	0

(A) Aerodrome. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in 8-p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
ORISSA (Contd.)																											
Keonjhargarh	0830	463	1009.6	958.1	-	24.4	20.2	18.1	21.5	70	-	3.5	-	2.0	0	0	281	48	34	29	11	10	13	106	30	84	0
	1730	"	1005.9	955.2	-	27.6	21.5	18.2	21.6	59	-	3.4	-	1.5	0	0	262	26	9	22	11	33	16	119	26	103	0
Balasore	0830	20	1009.2	1007.0	+0.1	25.9	22.4	20.4	25.0	73	-1	4.0	+0.6	6.9	0	2	342	124	20	4	4	58	107	6	21	21	0
	1730	"	1005.9	1003.7	-	27.5	23.3	21.5	26.3	71	-	4.5	-	6.3	0	10	262	9	5	6	69	134	43	1	5	93	0
Sambalpur	0830	148	1009.4	992.7	+0.2	26.2	21.4	18.6	22.2	64	-4	2.6	-0.6	2.9	0	0	226	26	40	21	12	41	64	16	6	139	0
	1730	"	1006.1	989.6	-	29.2	22.2	18.1	21.5	55	-	2.6	-	1.6	0	1	132	6	6	0	9	37	44	17	14	232	0
Angul	0830	27	1009.7	993.9	+0.5	25.5	21.6	19.5	23.2	71	-1	4.1	+0.4	3.1	0	0	303	28	14	39	6	21	7	137	51	62	0
	1730	"	1005.7	990.2	-	30.0	22.9	18.9	22.4	55	-	5.0	-	3.2	0	0	301	45	12	44	28	46	30	72	26	64	0
Chandbali	0830	6	1009.5	1008.7	+0.3	26.2	23.1	21.6	26.5	77	-1	3.7	-0.1	4.9	0	3	330	45	17	10	26	33	83	20	99	32	0
	1730	"	1006.2	1005.5	-	27.7	23.4	21.1	25.7	69	-	4.1	-	6.9	0	16	315	15	60	50	124	31	36	5	10	54	0
Bolangir	0830	190	1009.3	987.8	-	26.5	22.0	19.5	23.4	66	-	3.1	-	4.5	0	0	363	67	50	16	29	103	75	4	19	2	0
	1730	"	1005.9	984.7	-	30.0	23.2	19.5	23.5	56	-	3.9	-	(a) 4.2	0	0	352	79	64	32	23	66	47	16	25	12	0
Phulbani	0830	464	1008.0	956.3	-	23.0	19.6	17.8	21.5	73	-	2.1	-	0.7	0	0	85	15	1	5	5	8	19	30	1	280	1
	1730	"	1003.8	953.1	-	27.8	21.0	17.0	20.0	55	-	3.3	-	0.6	0	0	71	9	5	4	5	5	18	21	4	294	0
Cuttack	0830	27	1009.5	1006.5	0	25.8	22.9	21.5	26.2	77	+1	2.9	-0.8	4.3	0	1	221	10	30	12	4	24	72	37	34	149	0
	1730	"	1006.1	1003.1	-	30.0	24.0	20.9	25.3	60	-	3.8	-	6.4	0	13	241	2	19	18	42	62	58	22	11	131	0
Titilagarh	0830	211	1009.7	986.0	-	25.8	21.7	19.4	23.2	68	-	2.0	-	2.2	0	0	343	3	91	8	51	33	[illegible]	6	[illegible]	[illegible]	0
	1730	"	1006.1	982.8	-	30.6	23.3	17.2	22.9	53	-	2.7	-	2.2	0	0	335	15	162	9	28	11	68	5	37	30	0
Bhubaneswar	0230	46	1007.4	1002.2	-	23.7	22.1	21.3	26.0	86	-	2.8	-	7.6	0	28	253	30	13	11	17	64	95	24	22	34	0
	0530	"	1007.9	1002.6	-	23.0	21.7	21.0	25.6	89	-	3.4	-	7.4	0	26	288	50	26	13	6	40	95	44	40	51	0
	0830	"	1009.7	1004.5	+0.8	27.0	23.1	21.0	25.6	71	-3	3.5	-0.5	10.0	0	43	304	43	53	20	4	40	104	36	47	18	0
	1130	"	1008.8	1003.7	-	30.7	23.2	19.0	22.8	52	-	3.6	-	11.6	0	58	302	27	59	45	8	48	88	45	34	5	6
	1430	"	1006.2	1001.1	-	31.7	23.1	18.0	21.6	47	-	4.0	-	13.0	0	72	287	29	50	47	27	73	56	41	35	6	1
	1730	"	1006.4	1001.2	-	28.6	22.9	19.7	23.9	61	-	4.1	-	13.1	[illegible]	92	257	21	26	66	35	94	75	17	19	12	0
	# 2030	"																									
	2330	"	1008.5	1003.2	-	24.0	22.7	21.7	26.5	84	-	2.8	-	9.4	0	43	278	14	23	22	24	73	118	27	20	44	0
Puri	0830	6	1009.8	1009.1	+0.6	27.1	23.9	22.4	27.7	76	+2	4.0	+0.6	11.4	0	57	308	97	38	2	17	29	160	10	12	0	0
	1730	"	1006.7	1006.0	-	27.7	24.4	22.8	28.4	76	-	4.2	-	14.2	0	89	272	13	23	23	67	90	131	9	5	4	0
Gopalpur	0530	17	1007.8	1005.9	-	23.5	22.1	21.3	26.0	88	-	4.1	-	6.5	0	14	254	54	6	0	0	9	94	12	93	97	0
	0820	"	1009.7	1007.8	+0.5	26.0	23.1	21.6	26.5	78	+1	3.9	+1.2	8.0	0	15	297	84	6	2	3	29	106	3	74	53	0
	1130	"	1009.2	1007.3	-	29.2	24.6	22.3	27.6	67	-	3.8	-	11.0	0	35	318	35	27	33	48	90	94	3	18	12	0
	1730	"	1006.5	1004.6	-	27.6	24.4	22.7	28.0	75	-	4.8	-	12.7	0	65	293	5	17	50	72	67	135	7	5	7	0
	2330	"	1008.6	1006.7	-	25.2	23.4	22.5	27.[illegible]	84	-	3.9	-	9.1	0	37	231	31	6	3	5	30	139	14	40	97	0
Koraput	# 0830	913																									
	# 1730	"																									
BIHAR PLATEAU																											
Dumka	0830	149	1009.4	992.5	+0.2	25.0	20.6	17.9	21.8	67	0	2.4	-0.4	3.9	0	0	254	9	23	26	78	21	40	37	20	111	0
	1730	"	1005.5	988.9	-	28.4	21.5	17.1	20.8	55	-	2.2	-	3.3	0	0	198	3	19	25	62	23	22	23	21	167	0
Daltonganj	0830	221	1009.4	984.4	+0.3	24.8	19.5	16.1	19.3	62	-6	2.0	-0.2	2.6	0	0	276	20	40	22	25	32	78	30	27	89	2
	1730	"	1004.9	980.4	-	29.5	20.9	15.0	18.4	48	-	2.5	-	3.4	0	0	305	31	46	5	13	21	60	56	71	60	2
Hazaribagh	0830	611	1009.0	941.3	+0.3	23.3	17.6	13.5	16.8	59	-2	3.5	-0.1	7.1	0	9	291	20	12	19	17	36	65	31	100	65	0
	1730	"	1005.4	938.4	-	25.9	18.1	12.3	15.8	50	-	3.7	-	7.9	0	10	311	53	11	14	19	11	24	14	175	44	0
Dhanbad	0830	257	1009.0	980.0	-	25.1	19.9	16.4	19.9	61	-	2.3	-	2.1	0	0	221	6	31	5	55	6	26	60	24	144	8
	1730	"	1005.2	976.6	-	28.3	20.6	16.1	18.6	50	-	2.6	-	1.5	0	0	127	8	10	9	33	11	10	18	23	238	5

Data not available for complete year, hence no annual means.

(a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
BIHAR PLATEAU (Contd.)																											
Ranchi	0830	655	1009.3	936.2	+0.1	20.8	16.5	13.5	16.3	63	+2	2.8	-0.5	1.2	0	0	213	35	35	24	2	22	4	7	84	152	0
	1730	"	1005.2	933.4	-	25.0	18.5	15.1	17.0	54	-	3.5	-	1.2	0	0	221	47	10	31	3	43	3	19	65	144	0
Ranchi (A)	0530	652	1008.1	935.3	-	19.3	16.1	13.7	16.7	72	-	3.4	-	6.1	0	17	188	26	10	8	5	18	46	52	40	160	0
	0830	"	1008.9	937.0	-	23.2	17.7	13.9	17.0	59	-	3.1	-	9.7	0	63	199	38	17	20	4	21	59	47	56	103	0
	1130	"	1007.6	936.5	-	26.8	18.4	12.3	15.6	45	-	3.3	-	13.6	0	94	221	43	37	23	10	16	44	43	93	50	4
	1430	"	1004.7	934.2	-	28.1	18.6	11.5	14.9	41	-	4.1	-	10.8	0	115	215	54	31	31	7	20	30	45	109	35	3
	1730	"	1005.0	933.9	-	26.2	18.3	12.3	15.6	48	-	4.0	-	11.6	0	62	235	49	22	29	14	24	29	22	108	68	0
	# 2030	"																									
Jamshedpur	0830	129	1008.9	994.3	-0.1	24.3	20.3	17.8	21.4	69	-1	2.9	-0.6	2.8	0	0	272	10	6	22	13	6	33	96	86	93	0
	1730	"	1004.6	990.3	-	29.5	21.8	16.9	20.3	51	-	3.5	-	3.0	0	0	256	21	24	50	35	7	22	53	44	109	0
Jamshedpur (P.H.O.)	0530	142	1007.9	991.6	-	20.9	18.9	17.6	21.2	82	-	3.2	-	2.0	0	0	136	5	20	12	8	16	27	18	30	229	0
	0830	"	1009.6	993.5	-	24.9	20.2	17.5	21.0	65	-	3.2	-	3.9	0	0	248	1	17	13	5	28	70	63	51	117	0
	1130	"	1008.3	992.5	-	29.5	21.5	16.4	19.9	48	-	3.1	-	5.9	0	1	228	16	24	20	17	28	69	71	82	36	0
	1430	"	1005.4	989.7	-	31.2	21.5	15.1	18.4	42	-	3.7	-	7.0	0	4	332	21	27	31	9	36	48	53	111	29	0
	1730	"	1005.3	989.5	-	29.0	21.3	16.1	19.5	51	-	3.8	-	4.5	0	8	230	14	31	42	25	13	24	30	59	127	0
	# 2030	"																									
	2330	"	1008.1	992.0	-	23.1	20.0	18.1	21.6	75	-	3.0	-	2.9	0	2	169	8	38	27	11	9	17	22	39	154	0
Chaibasa	0830	226	1009.3	983.7	+0.4	24.6	20.1	17.4	20.7	66	-5	3.5	+0.2	2.8	0	0	250	4	33	0	17	15	163	5	13	115	0
	1730	"	1005.1	979.9	-	28.8	21.7	17.3	20.5	54	-	4.1	-	1.7	0	0	171	0	41	0	22	1	65	3	39	194	0
BIHAR PLAINS																											
Motihari	0830	66	1009.4	1001.8	+0.5	23.7	20.7	18.9	23.1	76	+4	2.6	+0.2	3.1 (d)	0	3	309	12	65	105	44	7	19	25	35	49	0
	1730	"	1005.5	998.1	-	27.3	23.0	20.6	25.3	69	-	1.8	-	1.8 (g)	0	1	142	5	16	61	12	2	4	27	16	215	0
Forbesganj	0830	61	1009.6	1002.7	-	23.1	20.2	18.5	22.4	76	-	3.3	-	4.6	0	4	296	0	10	216	18	2	3	43	8	65	0
	1730	"	1005.6	998.8	-	27.4	22.0	18.7	22.7	62	-	2.4	-	3.1	0	6	232	1	2	121	14	3	3	85	9	127	0
Darbhanga	0830	49	1010.2	1004.7	+1.2	25.9	21.5	19.0	23.1	67	-6	2.3	-0.5	4.0	0	4	271	8	41	128	16	11	17	34	20	90	0
	1730	"	1006.7	1001.1	-	28.6	22.6	19.1	23.3	59	-	1.7	-	2.0	0	2	154	1	37	53	15	4	6	32	8	209	0
Chapra	0830	58	1009.2	1002.6	-	24.6	20.4	17.8	21.8	68	-	2.6	-	2.4	0	0	297	6	85	22	38	2	99	15	30	68	0
	1730	"	1005.7	999.3	-	28.7	22.3	18.6	22.5	58	-	2.1	-	2.4	0	0	276	16	58	25	19	5	52	63	38	89	0
Purnea	0830	38	1009.7	1005.4	+0.2	23.7	20.6	18.6	22.7	74	-4	2.7	-0.3	2.1 (a)	0	0	209	7	20	122	2	3	26	29	0	155	0
	1730	"	1005.8	1001.5	-	27.5	22.0	18.5	22.8	62	-	2.6	-	1.9	0	0	161	9	14	61	1	4	23	46	3	204	0
Patna	0830	53	1009.1	1003.1	+0.1	24.3	20.2	17.7	21.6	69	+2	2.9	0	7.0	0	4	338	9	101	43	23	23	69	65	9	23	0
	1730	"	1005.4	999.5	-	29.2	21.5	16.6	20.2	50	-	2.8	-	5.9	0	5	313	8	99	25	11	13	12	122	28	47	0
Patna (A)	0530	60	1006.9	1000.1	-	20.5	18.3	16.8	20.6	81	-	2.9	-	5.2	0	12	204	0	14	84	27	10	31	33	15	149	2
	0830	"	1008.8	1002.0	-	24.6	20.1	17.2	21.0	67	-	3.1	-	9.1	0	34	284	12	23	81	44	15	51	66	26	47	0
	1130	"	1008.2	1001.5	-	29.3	21.3	16.1	19.7	49	-	3.1	-	10.7	0	40	309	13	40	60	38	23	36	67	70	16	2
	1430	"	1005.5	998.9	-	31.0	21.8	14.7	18.4	42	-	3.3	-	12.1	1	62	177	18	32	58	25	12	31	66	98	25	0
	1730	"	1005.0	998.3	-	28.9	21.1	15.7	19.4	51	-	2.8	-	7.0	0	21	216	11	24	50	13	3	13	49	74	128	0
	# 2030	"																									
	2330	"	1007.3	1000.5	-	22.8	19.3	17.0	20.8	73	-	2.0	-	5.7	0	27	172	6	12	71	25	10	20	25	19	176	1
Bhagalpur	0530	49	1007.9	1002.3	-	21.4	19.2	17.8	21.7	81	-	3.6	-	4.1	0	2	256	1	11	69	58	54	46	11	8	107	0
	0830	"	1009.8	1004.2	+0.7	25.1	20.9	18.4	22.4	68	-2	3.7	+0.5	5.6	0	9	302	5	21	68	77	32	48	50	10	54	0
	1130	"	1009.0	1003.5	-	29.1	22.1	17.9	21.7	54	-	3.9	-	7.3	0	20	325	18	27	65	69	22	26	75	43	20	0
	1730	"	1006.0	1000.5	-	28.2	21.7	17.5	21.4	57	-	3.7	-	6.1	0	13	286	13	17	64	41	11	44	77	32	66	0
	2330	"	1008.2	1002.7	-	23.6	20.3	18.5	22.2	74	-	2.7	-	4.9	0	5	272	1	12	71	75	35	50	27	6	88	0
Sabour	0830	37	1009.5	1005.2	+0.5	24.2	20.9	18.9	23.1	74	+1	3.4	-0.1	6.0	0	7	326	17	15	104	40	16	41	79	21	32	0
	1730	"	1005.6	1001.4	-	28.6	22.7	19.4	23.6	61	-	[illegible]	-	5.4	0	3	243	16	11	80	10	5	6	37	81	119	0

Data not available for complete year, hence no annual means. (A) Aerodrome (a) [illegible] (d) Data for 361 days. (g) Data for 358 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or hr. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (Oktas): Departure from normal	Mean wind speed km. per hour	Wind speed (km.p.h.): 41 or more	Wind speed (km.p.h.): 20 to 41	Wind speed (km.p.h.): 1 to 19	No. of observations Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
BIHAR PLAINS (Contd.)																											
Jamui	0830	82	1007.9	998.6	-	25.1	21.4	19.4	23.6	73	-	1.2	-	2.1	0	0	320	6	17	129	47	9	12	63	37	45	0
	1730	"	1004.5	995.3	-	27.9	22.5	19.5	23.6	64	-	1.1	-	2.1	0	0	311	24	21	85	12	8	5	109	47	54	0
Dehri	0830	107	1008.9	996.8	-	25.5	19.9	16.3	19.9	61	-	2.8	-	3.4	0	0	354	13	13	29	50	68	88	63	30	11	0
	1730	"	1005.0	993.0	-	30.1	21.1	14.7	18.3	45	-	2.7	-	4.4	0	0	355	31	46	32	11	4	10	164	57	10	0
Gaya	0230	116	1007.4	994.0	-	21.2	18.1	16.0	19.6	75	-	1.8	-	4.5	0	13	250	5	19	35	71	73	42	13	5	102	0
	0530	"	1007.6	994.2	-	20.2	17.6	15.8	19.3	78	-	2.5	-	5.8	0	13	294	6	24	29	83	83	58	20	4	58	0
	0830	"	1009.3	996.1	+0.6	25.2	20.0	16.6	20.1	63	+5	2.7	+0.2	9.1	0	51	284	6	14	34	42	60	113	53	13	30	0
	1130	"	1008.7	995.7	-	30.1	21.5	15.9	19.4	46	-	2.8	-	12.5	0	85	264	31	32	40	20	11	40	97	78	16	0
	# 1430	"																									
	1730	"	1005.4	992.5	-	29.7	21.2	15.5	19.1	48	-	2.8	-	10.5	0	66	279	72	44	30	11	7	16	60	105	20	0
	# 2030	"																									
	2330	"	1008.0	994.7	-	22.8	18.9	16.1	19.8	70	-	1.9	-	5.9	0	14	273	7	20	45	66	65	57	18	9	78	0
UTTAR PRADESH, EAST																											
Kheri	0830	147	1008.1	991.2	-0.5	21.3	18.2	16.2	19.6	76	+3	2.1	-0.5	3.2	0	0	265	2	6	102	16	1	8	125	5	100	0
	1730	"	1004.6	988.2	-	29.2	21.2	16.1	-	49	-	2.1	-	2.8	0	0	254	1	5	69	12	1	4	157	5	111	0
Bahraich	0830	124	1008.8	994.7	+0.4	23.1	19.1	16.6	20.2	70	0	2.7	+0.7	7.5	0	21	257	3	3	140	9	0	12	92	19	87	0
	1730	"	1005.3	991.5	-	29.0	21.1	16.1	19.3	50	-	2.9	-	6.3	0	18	202	3	7	46	15	1	15	106	27	145	0
Mutassa	# 0830	99																									
	# 1730	"																									
Bardoi	0830	142	1009.1	992.5	+0.8	23.4	18.5	15.1	19.2	63	-8	1.5	-0.5	3.1	0	1	309	45	7	49	28	9	19	94	59	55	0
	1730	"	1005.9	989.9	-	29.4	20.6	14.6	17.8	46	-	1.6	-	(a) 3.1	0	2	279	25	9	32	27	4	16	104	64	83	0
Gondia	0830	110	1009.2	996.7	-	24.3	19.7	16.8	20.5	66	-3	2.1	-0.7	2.9	0	0	267	15	3	126	0	0	1	48	74	98	0
	1730	"	1005.4	993.1	-	28.7	21.2	16.3	19.9	51	-	1.5	-	2.0	0	0	180	5	0	48	0	0	1	47	79	185	0
Lucknow	0830	111	1008.0	995.4	-0.5	23.3	19.1	16.3	19.6	68	+2	2.0	-0.4	1.4	0	0	179	2	5	33	10	3	13	97	14	186	2
	1730	"	1005.1	992.6	-	30.0	20.8	15.1	18.3	44	-	2.2	-	(a) 2.2	0	0	207	2	9	30	10	3	11	123	18	157	1
Lucknow (Amausi)	0230	128	1006.7	992.0	-	20.2	16.8	14.1	17.4	72	-	1.8	-	5.1	0	17	244	22	23	42	23	5	26	82	38	104	0
	0530	"	1007.0	992.2	-	19.0	16.2	14.0	17.3	76	-	2.2	-	4.8	0	9	257	16	35	38	18	5	33	85	36	99	0
	0830	"	1007.8	994.0	-0.1	23.5	18.5	14.5	17.8	53	-6	2.4	0.0	7.5	0	44	273	17	19	44	31	17	22	92	75	48	0
	1130	"	1008.4	994.0	-	29.6	20.0	12.7	16.0	40	-	2.3	-	12.4	0	80	276	27	23	48	23	17	19	91	107	9	1
	1430	"	1005.8	991.6	-	31.4	20.3	11.5	15.1	34	-	2.7	-	12.9	0	97	259	36	19	32	25	18	20	77	129	9	0
	1730	"	1005.1	990.4	-	29.4	20.1	13.0	16.4	43	-	2.5	-	8.5	0	35	271	27	19	39	18	5	15	82	101	59	0
	2030	"	1006.8	992.3	-	24.0	18.8	14.4	17.7	60	-	1.7	-	4.5	0	9	243	6	24	42	13	9	19	97	42	113	0
	2330	"	1007.4	992.8	-	21.8	17.3	14.3	17.7	67	-	1.8	-	5.2	0	12	251	17	23	45	19	6	27	79	47	102	0
Faizabad	0830	102	1008.6	996.9	-	23.4	19.3	16.6	20.3	69	-	2.7	-	3.5	0	0	268	8	20	35	65	11	21	81	26	97	1
	1730	"	1005.2	993.5	-	28.2	21.2	16.6	20.8	55	-	2.7	-	3.1	0	1	185	4	6	18	29	7	16	92	14	179	0
Gorakhpur	0830	77	1008.6	999.9	-0.1	24.7	20.1	17.3	21.1	67	-4	2.5	+0.4	2.5	0	0	283	19	11	127	8	12	24	66	16	82	0
	1730	"	1005.4	996.7	-	29.7	21.7	16.6	20.1	50	-	2.3	-	2.6	0	0	273	21	7	59	11	6	21	126	22	92	0
Gorakhpur (E.E.O.)	0230	78	-	997.8	-	*	-	-	-	-	-	-	-	3.6	0	3	216	23	41	41	27	11	17	40	19	146	0
	0530	"	-	998.1	-	*	-	-	-	-	-	-	-	3.0	0	2	203	20	37	50	17	10	11	41	19	160	0
	1130	"	-	999.7	-	*	-	-	-	-	-	-	-	6.3	0	2	346	6	23	66	66	60	17	80	29	17	1
	1430	"	-	997.1	-	*	-	-	-	-	-	-	-	6.5	0	5	331	16	20	44	47	37	41	89	42	29	0
	2030	"	-	998.1	-	*	-	-	-	-	-	-	-	2.7	0	4	169	14	27	41	22	11	17	28	13	192	0
	2330	"	-	998.5	-	*	-	-	-	-	-	-	-	3.3	0	5	182	15	37	50	14	12	15	28	16	178	0
Kanpur	0830	126	1008.2	993.7	-0.6	22.4	18.1	15.2	18.4	67	+2	2.0	+0.3	7.1	0	5	301	26	12	65	5	22	21	135	20	59	0
	1730	"	1005.8	990.9	-	31.1	21.1	14.4	18.0	39	-	2.1	-	9.6	0	21	324	62	8	49	3	17	10	160	36	20	0

* Data not available. # Data not available for complete year, hence no annual means. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
UTTAR PRADESH, EAST (Contd.)																											
Kanpur (A)	0530	126	1007.1	993.9	-	20.1	16.6	13.7	17.1	70	-	2.3	-	8.1	0	11	283	37	20	41	15	12	35	96	37	71	1
	0830	"	1008.8	998.7	-	25.0	18.3	13.8	17.3	57	-	2.4	-	11.1	0	24	317	38	22	43	23	16	33	114	50	24	2
	1130	"	1008.5	994.5	-	30.3	20.1	12.4	15.9	38	-	2.2	-	15.7	0	74	288	46	26	41	36	11	19	99	81	3	3
	1730	"	1005.3	991.3	-	30.3	20.0	11.8	15.4	38	-	2.7	-	12.7	0	24	323	52	39	32	21	7	12	77	107	18	0
	2330	"	1007.6	993.2	-	23.1	18.0	13.9	17.3	61	-	1.8	-	8.5	1	12	264	31	16	38	24	9	29	71	57	88	2
Sultanpur	0830	97	1009.3	998.2	-	24.1	19.2	15.9	19.4	62	-	2.1	-	2.0	0	0	219	4	12	37	31	2	36	65	32	146	0
	1730	"	1005.1	994.4	-	30.5	21.6	15.6	19.1	46	-	2.1	-	2.0	0	0	211	2	13	43	10	2	5	94	41	155	0
Azamgarh	0830	78	1008.9	1000.0	-	23.9	20.9	19.1	23.6	75	-	2.1	-	6.1	0	3	326	28	6	121	1	11	1	161	0	36	0
	1730	"	1005.2	996.5	-	29.6	24.0	20.9	25.9	63	-	1.9	-	5.0	0	0	266	37	13	36	2	5	9	157	7	99	0
Fatehpur	0830	114	1009.1	996.6	-	24.4	18.8	15.5	18.4	60	-5	1.9	-0.6	6.9	0	14	306	10	24	40	25	15	61	95	50	45	0
	1730	"	1005.3	992.6	-	30.4	21.6	14.8	17.9	43	-	2.1	-	7.5	0	23	270	28	26	47	7	5	14	43	123	72	0
Ballia	0830	64	1009.8	1002.4	-	24.7	20.6	18.0	21.9	69	-	2.9	-	1.9	0	0	229	1	20	63	27	2	28	71	16	136	1
	1730	"	1006.5	999.2	-	29.3	22.5	18.6	22.3	56	-	2.7	-	1.3 (b)	0	0	144	3	15	33	11	1	3	66	12	219	0
Banda	0830	121	1009.7	970.9	-	25.6	18.8	14.4	17.7	54	-	2.0	-	1.5	0	0	171	3	18	0	23	6	76	11	34	194	0
	1730	"	1005.6	992.3	-	31.4	21.3	14.3	17.6	40	-	1.8	-	1.6 (a)	0	0	193	3	19	3	16	1	58	0	93	171	0
Allahabad (Bamrauli)	0230	98	1007.0	994.9	-	21.8	17.7	14.9	18.2	68	-	1.9	-	1.9	0	0	135	8	17	17	9	9	31	30	14	230	0
	0530	"	1007.3	996.0	-	20.4	17.1	14.7	18.1	73	-	2.3	-	2.2	0	0	170	13	29	14	6	19	39	40	10	195	0
	0830	"	1009.1	997.9	+0.2	24.[illegible]	18.7	14.9	18.3	60	-4	2.5	-0.4	4.3	0	0	260	17	23	27	19	26	56	80	12	105	0
	1130	"	1008.4	997.8	-	30.9	21.0	14.0	17.4	41	-	2.5	-	6.3	0	4	336	24	32	30	22	15	38	125	54	25	0
	1430	"	1006.1	995.3	-	32.6	21.3	13.1	16.6	35	-	2.8	-	8.1	0	12	341	28	29	19	9	9	21	149	89	12	0
	1730	"	1005.3	994.5	-	30.8	21.1	14.2	17.6	42	-	2.5	-	4.9	0	4	260	31	29	23	3	4	15	85	74	101	0
	2030	"	1007.3	995.9	-	25.7	19.6	15.3	18.6	57	-	1.9	-	2.1	0	2	156	13	25	24	5	11	20	32	28	207	0
	2330	"	1006.8	996.5	-	23.5	18.5	14.9	18.4	63	-	1.8	-	2.0	0	1	138	8	20	24	8	21	22	20	16	226	0
Varanasi (Babatpur)	0530	85	1008.2	998.3	-	21.0	17.6	15.1	18.5	73	-	2.5	-	3.9	0	5	187	4	18	29	9	15	56	47	5	173	9
	0830	"	1010.0	1000.1	+0.8	24.6	19.5	15.8	19.3	63	-2	2.7	-0.1	8.7	0	6	304	9	17	50	16	26	72	98	20	55	2
	1130	"	1009.4	999.9	-	29.8	21.1	15.1	18.6	46	-	2.6	-	12.0	0	41	300	19	21	39	17	20	34	137	42	24	12
	1730	"	1006.2	997.0	-	29.8	21.0	15.6	18.1	47	-	2.6	-	8.9	0	23	263	22	29	33	9	9	17	117	45	79	5
	2330	"	1008.5	998.7	-	24.1	19.9	15.1	18.7	63	-	2.1	-	4.1	0	2	171	3	14	47	6	8	14	70	9	192	2
Varanasi	0830	76	1008.9	1000.2	+0.1	24.2	19.7	16.5	20.1	67	+1	2.4	-0.3	2.5	0	0	347	4	31	24	37	6	59	150	36	18	0
	1730	"	1004.8	996.3	-	30.2	21.7	16.1	19.6	48	-	2.4	-	2.2	0	0	304	16	26	23	17	6	12	165	39	61	0
UTTAR PRADESH, WEST																											
Mukhim	0830	-	-	-	-	14.4	10.2	6.3	10.0	61	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	15.4	10.7	6.2	10.4	58	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehri	0830	770	-	-	-	17.0	14.1	12.2	15.1	76	-	2.7	-	0.7	0	0	93	35	28	16	0	0	1	6	7	272	0
	1130	"	-	-	-	23.6	16.5	11.2	14.3	49	-	2.8	-	2.0	0	0	218	43	44	29	24	22	24	17	11	147	4
	1730	"	-	-	-	25.4	17.0	10.8	14.1	44	-	3.3	-	3.7	0	5	267	16	14	17	54	66	59	27	17	93	2
Dehradun	0530	682	1008.6	931.6	-	16.8	14.1	12.1	15.0	75	-	2.8	-	0.7	0	0	70	33	23	1	2	2	3	3	3	295	0
	0830	"	1009.1	933.0	+0.3	19.7	15.7	12.9	15.9	68	0	2.2	-1.0	0.8	0	1	107	30	5	1	5	21	12	30	4	257	0
	1130	"	1008.3	933.4	-	25.2	18.0	12.7	15.7	49	-	2.8	-	2.1	0	0	230	7	5	12	39	54	52	45	16	135	0
	1730	"	1005.3	930.7	-	25.3	18.2	13.5	16.4	52	-	3.3	-	2.0	0	0	197	31	8	3	8	33	27	66	21	168	0
	2330	"	1008.5	932.2	-	19.4	15.7	13.0	15.9	69	-	2.3	-	1.6	0	2	158	80	68	3	1	2	0	4	2	205	0
Mansiari	0830	-	-	-	-	13.0	8.8	4.6	9.6	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	12.6	9.4	6.3	10.6	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Roorkee	0830	274	1009.6	976.1	-1.5	21.0	16.7	13.8	16.0	66	-3	2.4	0.0	0.7	0	0	131	0	3	0	35	1	1	0	91	234	0
	1730	"	1006.1	977.3	-	28.1	19.6	13.8	16.9	45	-	2.5	-	1.0	0	0	175	2	1	0	26	0	4	2	140	190	0

(b) Data 363 days. (a) Data for 364 days. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
UTTAR PRADESH, WEST (Contd.)																											
Najibabad	# 0830	270																									
	# 1730	"																									
Meerut	0830	222	1009.4	984.1	+0.8	25.0	18.1	14.5	17.5	60	-5	0.9	-1.4	4.4	0	0	271	9	22	39	25	7	2	102	65	94	0
Bareilly	0830	173	1008.7	988.9	0.0	23.7	19.0	16.4	19.7	68	-2	1.9	-0.7	6.5	0	15	320	13	18	76	41	6	19	98	64	30	0
	1730	"	1005.1	985.8	-	29.8	21.5	16.5	20.2	51	-	2.4	-	3.8	0	2	277	32	16	62	4	3	11	125	26	86	0
Bareilly (P.B.O.)	0230	173	1006.8	987.1	-	22.7	17.8	15.0	18.3	67	-	1.5	-	3.9	0	0	281	19	17	83	15	4	7	106	30	84	0
	0530	"	1007.3	987.3	-	20.9	17.2	14.8	18.5	77	-	2.7	-	3.9	0	1	304	14	25	102	6	3	10	115	30	60	0
	1130	"	1008.6	989.1	-	27.7	19.9	15.4	18.4	51	-	2.4	-	6.7	0	7	347	18	23	75	33	6	7	103	88	11	1
	1430	"	1006.0	986.8	-	30.2	20.5	14.6	18.8	43	-	2.6	-	7.2	0	10	350	14	14	60	26	4	14	133	95	5	0
	2030	"	1006.8	987.2	-	25.4	19.1	15.3	18.6	57	-	1.5	-	3.9	0	3	288	18	18	63	13	4	12	137	26	74	0
	2330	"	1007.5	987.8	-	23.6	18.4	15.1	18.4	62	-	1.4	-	3.8	0	1	292	16	14	78	17	3	4	134	27	72	0
Aligarh	0830	187	1009.2	987.5	-	22.6	17.5	13.8	17.0	61	+4	2.1	+0.2	4.6	0	7	341	44	13	55	12	14	22	132	56	17	0
	1730	"	1005.8	984.6	-	29.7	20.2	13.4	16.5	41	-	2.7	-	3.5	0	0	330	79	7	41	2	17	7	135	42	35	0
Mainpuri	0830	157	1008.6	990.8	+0.2	23.5	18.5	15.2	18.5	63	+1	1.7	-0.8	4.0	0	3	236	5	22	24	23	10	26	51	75	126	3
	1730	"	1005.3	987.8	-	30.0	21.2	15.3	18.5	45	-	2.2	-	4.2	0	4	223	3	17	11	17	7	25	75	70	138	2
Agra	0830	169	1009.4	991.0	+1.4	23.9	18.1	14.3	17.4	58	+3	1.4	-0.9	0.7	0	0	32	0	6	2	3	1	8	1	11	333	0
	1730	"	1005.8	987.0	-	30.1	21.0	15.0	18.1	45	-	1.7	-	0.7	0	0	31	0	5	1	1	0	8	1	15	334	0
Agra (A)	0530	169	1007.7	988.1	-	18.6	15.9	14.2	16.9	77	-	1.9	-	6.1	0	12	209	18	14	32	14	3	14	86	35	114	0
	0820	"	1009.2	989.9	-	22.7	18.2	15.2	18.7	66	-	2.2	-	9.2	0	35	256	31	13	35	15	4	22	99	71	74	1
	1130	"	1009.0	990.2	-	29.8	21.7	15.3	18.8	45	-	2.0	-	12.1	0	70	266	54	14	29	23	13	21	63	113	29	6
	1730	"	1005.7	986.9	-	29.9	20.8	14.7	18.2	44	-	2.2	-	10.8	0	50	256	66	18	29	10	6	8	57	110	59	2
	2330	"	1008.0	988.7	-	21.7	17.7	14.9	18.1	68	-	1.5	-	5.8	0	12	196	25	21	40	15	1	11	52	42	157	1
Orai	0830	141	1009.5	993.6	-	26.3	19.8	15.4	18.5	54	-	1.2	-	3.0	0	0	361	38	66	14	17	12	25	37	152	4	0
	1730	"	1005.7	989.9	-	30.5	21.4	15.5	19.3	44	-	1.1	-	2.6	0	0	359	20	80	8	14	2	21	30	184	6	0
Jhansi	0830	251	1009.2	980.8	-0.1	23.6	17.7	13.1	16.5	54	-1	1.9	-0.2	1.8	0	0	183	21	7	29	1	26	13	71	15	182	0
	1730	"	1005.4	977.8	-	31.4	20.3	12.0	15.2	35	-	2.6	-	2.1	0	0	245	86	1	72	1	35	1	46	23	120	0
PUNJAB (INCLUDING DELHI)																											
Pathankot	0530	312	1008.2	972.3	-	18.0	14.7	12.0	14.9	71	-	2.6	-	4.1	0	12	157	36	70	34	9	8	8	1	3	196	0
	0830	"	1009.4	973.7	+0.7	21.3	15.9	11.9	14.8	60	-1	2.9	-0.4	5.5	0	14	229	43	79	70	22	16	5	7	1	122	0
	1130	"	1009.1	974.4	-	26.8	18.3	11.8	14.8	43	-	3.0	-	8.6	0	20	305	29	30	29	36	103	56	28	13	40	1
	1730	"	1006.1	971.4	-	27.5	18.3	11.1	14.0	40	-	3.2	-	9.3	0	27	301	38	20	13	5	22	34	135	61	37	0
	2330	"	1008.7	973.0	-	20.3	16.0	12.6	15.6	65	-	3.5	-	3.5	0	15	130	27	68	29	6	8	3	2	2	220	0
Bhuntar	0830	1096	1496.0	891.7	-	12.8	10.7	9.0	12.3	78	-	3.0	-	3.2	0	4	234	99	28	30	21	32	2	0	21	127	5
	1130	"	1494.6	890.5	-	19.6	13.5	8.5	12.0	50	-	3.2	-	6.5	0	9	331	17	32	34	87	113	13	0	11	25	33
	1730	"	1470.2	888.0	-	20.4	14.0	8.7	12.1	50	-	4.4	-	11.2	0	69	261	40	15	19	78	85	17	9	55	35	12
Amritsar (Rajasansi)	0530	234	1008.0	980.8	-	16.5	14.7	13.3	16.6	83	-	2.1	-	4.6	0	8	196	28	35	60	20	5	5	19	32	161	0
	0830	"	1009.3	982.3	+0.6	19.9	16.3	13.9	17.2	71	0	2.5	0.0	5.2	0	16	212	39	26	54	27	15	14	16	37	137	0
	1130	"	1009.2	982.9	-	27.1	19.2	13.7	16.9	47	-	2.5	-	8.0	0	23	266	22	10	53	45	23	25	41	70	76	0
	1430	"	1007.1	981.4	-	29.7	19.6	13.1	15.5	37	-	2.7	-	9.6	0	26	297	24	9	39	35	21	33	48	113	42	1
	1730	"	1006.2	980.0	-	28.0	19.3	13.1	16.1	43	-	2.6	-	8.3	0	23	259	13	8	35	11	14	18	60	123	83	0
	2030	"	1007.7	980.9	-	21.9	17.5	14.4	17.5	64	-	2.1	-	5.5	0	17	188	24	20	28	14	11	18	41	49	160	0
Adampur (A)	0830	238	1009.1	980.5	-	19.9	16.5	14.2	17.5	73	-	2.7	-	6.5	0	20	185	24	15	40	54	20	10	14	27	160	1
	1730	"	1006.4	976.1	-	27.0	19.8	14.4	17.3	49	-	3.0	-	12.3	0	38	293	23	10	22	17	20	15	85	137	34	2
Ludhiana	0830	247	1009.4	981.1	+0.7	21.5	17.2	14.4	17.6	66	+2	2.2	+0.1	2.7	0	1	289	13	37	29	52	18	19	35	87	75	0
	1730	"	1005.8	978.3	-	28.6	20.2	15.0	17.9	47	-	2.2	-	3.8	0	1	299	18	46	9	29	9	23	25	141	65	0

Data not available for complete year, hence no annual means. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
PUNJAB (INCLUDING DELHI) (Contd.)																											
Ferozepur	0830	200	1009.6	986.5	-	20.9	17.2	14.9	18.0	71	-	1.6	-	1.6	0	0	210	39	48	18	16	23	13	9	44	155	0
	1730	"	1005.6	983.9	-	28.8	20.4	15.2	18.0	47	-	1.3	-	2.0	0	1	245	64	40	7	16	11	12	7	88	119	1
Halwara (A)	0830	242	1009.1	981.6	-	20.8	16.8	14.2	17.2	69	-	2.5	-	6.4	0	9	241	38	9	32	39	23	20	33	55	115	1
	1730	"	1006.2	979.2	-	27.8	18.2	12.7	15.5	43	-	2.6	-	10.0	0	13	317	51	11	22	28	15	13	49	141	35	0
Chandigarh	0830	347	1008.3	968.6	0.0	22.5	16.8	12.2	15.4	55	-6	1.6	-0.3	2.3	0	0	208	0	6	0	80	0	1	0	121	157	0
	1730	"	1005.2	966.4	-	27.7	19.2	13.1	16.2	43	-	2.0	-	(b) 2.3	0	0	269	0	14	0	93	0	5	0	157	94	0
Ambala	# 0830	272																									
	# 1730	"																									
Arbala (P.B.O.)	0230	278	1007.2	975.5	-	21.1	17.4	15.0	18.4	69	-	1.9	-	(j) 3.3	0	5	219	16	7	19	39	4	8	14	116	131	1
	0530	"	1007.3	975.4	-	19.9	16.6	14.5	17.9	73	-	2.2	-	(b) 5.1	0	12	208	19	10	17	51	1	9	23	90	143	0
	1130	"	1008.6	977.4	-	27.3	20.4	16.7	20.5	65	-	2.7	-	7.9	0	21	255	6	10	10	89	5	9	38	106	89	3
	1430	"	1006.4	975.5	-	29.3	20.7	16.1	18.3	47	-	2.8	-	9.6	0	23	298	21	10	9	52	10	30	77	112	44	0
	2030	"	1006.8	975.4	-	24.7	19.1	16.0	19.6	61	-	2.0	-	(i) 6.2	0	10	246	26	17	9	24	6	10	48	116	100	0
	2330	"	1007.6	976.0	-	24.4	18.3	15.5	19.0	65	-	1.9	-	(i) 6.8	0	13	238	26	11	25	29	4	6	25	125	105	0
Ambala (A)	0530	274	1007.5	975.8	-	17.3	15.0	13.4	16.6	81	-	2.0	-	5.9	0	19	155	11	5	27	36	5	8	23	54	191	5
	0830	"	1008.7	977.4	-	20.8	16.9	14.2	17.4	69	-	2.3	-	8.9	0	23	234	12	16	40	51	8	12	33	75	108	10
	1130	"	1008.4	977.8	-	27.6	19.5	13.9	17.0	46	-	2.5	-	14.0	0	91	245	10	11	38	77	10	4	50	114	29	22
	1730	"	1005.5	975.0	-	27.6	19.3	13.2	16.2	45	-	2.7	-	12.8	0	76	216	13	8	9	31	7	4	82	131	73	7
	2330	"	1007.9	976.4	-	19.9	16.5	13.8	16.9	72	-	1.6	-	6.1	1	18	141	11	6	15	25	5	1	30	66	205	1
Patiala	0830	251	1009.2	980.7	-	22.0	17.5	14.4	17.6	64	-	2.3	-	5.7	0	5	229	9	5	0	80	1	1	0	138	131	0
	1730	"	1006.4	978.5	-	27.9	19.8	14.3	17.1	48	-	2.6	-	7.0	0	5	237	20	2	2	44	1	0	1	172	123	0
Bhatinda	0830	211	1009.3	985.2	-	24.3	19.5	16.4	20.2	62	-	1.0	-	(b) 2.7	0	4	213	0	19	0	72	2	38	0	86	146	0
	1730	"	1006.2	982.4	-	28.8	12.4	17.0	20.5	51	-	1.3	-	(c) 2.9	0	1	219	13	38	2	31	5	16	5	110	142	0
Karnal	# 0830	249																									
	# 1730	"																									
Hissar	0530	221	1007.6	982.3	-	18.9	16.3	14.7	17.9	78	-	1.6	-	4.1	0	6	257	22	18	39	25	19	81	39	19	102	1
	0830	"	1009.6	984.2	+0.6	21.2	17.7	15.4	18.8	71	+14	1.8	+0.1	4.8	0	9	292	15	7	24	36	36	93	64	26	64	0
	1130	"	1009.0	984.4	-	28.7	21.6	17.4	20.7	53	-	1.9	-	8.0	0	23	304	27	14	27	46	21	48	93	51	38	0
	1730	"	1005.8	981.4	-	30.4	22.2	17.4	20.0	49	-	2.4	-	6.1	0	9	311	49	21	26	23	19	31	83	68	45	0
	2330	"	1006.1	982.8	-	22.3	18.2	15.6	18.7	68	-	1.4	-	3.7	0	4	264	23	19	35	38	28	39	45	41	97	0
New Delhi (Safdarjung)	0230	216	1007.6	982.8	-	21.3	16.8	13.5	16.5	65	-	1.8	-	7.0	0	19	252	12	17	25	20	9	26	93	69	94	0
	0530	"	1007.7	982.8	-	20.4	16.1	13.1	16.2	68	-	1.8	-	7.8	0	28	267	13	12	27	24	6	28	121	64	70	0
	0830	"	1009.3	984.5	+0.4	22.8	17.0	13.3	16.4	60	+2	2.2	-0.4	11.6	0	76	266	8	10	34	39	12	32	129	78	23	0
	1130	"	1008.2	984.8	-	28.4	18.7	13.1	16.3	42	-	2.4	-	14.7	0	106	243	16	6	28	38	16	22	91	132	16	0
	1430	"	1006.6	982.6	-	30.6	20.3	12.3	15.3	36	-	2.8	-	15.7	0	120	232	29	14	32	25	7	22	65	158	13	0
	1730	"	1005.7	981.6	-	29.7	19.7	12.4	15.4	38	-	2.7	-	12.2	0	70	273	24	30	31	22	5	15	59	157	22	0
	2030	"	1006.4	982.8	-	25.2	18.6	13.9	16.8	54	-	2.1	-	6.9	0	20	272	32	17	37	19	7	24	75	81	73	0
	2330	"	1008.3	983.4	-	22.8	17.6	13.7	16.7	60	-	1.8	-	6.5	0	23	244	19	14	31	17	11	33	71	70	98	1
Palam (A)	# 0230	233																									
	# 0530	"																									
	0830	"	1009.7	982.8	-	21.5	17.4	14.6	17.8	67	-	2.2	-	9.6	0	41	273	11	16	26	36	13	71	100	41	51	0
	1130	"	1009.4	991.7	-	28.2	20.4	15.3	18.3	49	-	2.2	-	11.7	0	71	272	29	17	30	30	18	21	83	115	22	0
	# 1430	"																									
	1730	"	1006.0	980.2	-	29.3	20.7	14.9	17.9	45	-	2.7	-	11.4	0	52	274	49	17	23	25	9	20	58	125	39	0
	# 2030	"																									
	# 2330	"																									

(A) Aerodrome. # Data not available for complete year, hence no annual means. (b) Data for 363 days. (i) Data for 356 days. (j) Data for 355 days. (c) Data for 362 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in s.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
HIMACHAL PRADESH																											
Mandi	0830	761	1011.6	925.6	+0.9	15.4	13.1	11.4	14.5	79	-3	2.6	-1.0	0.3	0	0	26	4	5	0	1	0	9	4	3	339	0
	1730	"	1006.2	922.9	-	24.0	17.2	12.2	15.2	53	-	4.0	-	0.7	0	0	63	4	1	0	0	2	27	4	25	302	0
Bilaspur	0830	587	1011.3	945.0	-	17.8	15.1	13.3	16.4	77	-	1.0	-	0.5	0	0	54	2	6	20	4	6	8	5	3	311	0
	1730	"	1006.0	941.8	-	26.2	18.1	12.5	15.4	46	-	1.6	-	1.9	0	1	166	13	24	29	12	17	15	45	12	198	0
JAMMU AND KASHMIR																											
Minagar	(R) 0830																										
	(R) 1730																										
Gilgit	(R) 0830																										
	(R) 1730																										
Skardu	(R) 0830																										
	(R) 1730																										
Leh	# 0530	3514																									
	# 0830	"																									
	# 1730	"																									
Srinagar	0830	1587	1508.8	842.4	+1.0	9.4	7.7	6.3	10.4	82	-2	3.9	+0.1	(a) 2.4	0	0	202	11	11	33	61	18	8	10	50	162	0
	1130	"	1506.4	842.4	-	14.4	10.2	6.8	10.6	63	-	3.9	-	(a) 2.8	0	0	263	38	20	18	44	35	13	32	63	101	0
	1430	"	1491.0	840.8	-	16.7	11.1	6.9	10.6	55	-	4.3	-	(b) 3.6	0	0	299	22	16	8	35	20	20	40	138	64	0
	1730	"	1483.6	840.0	-	15.5	10.5	6.5	10.4	58	-	4.4	-	(a) 3.7	0	2	261	40	17	10	37	13	8	23	115	101	0
	# 2030	"																									
Srinagar (A)	0530	1666	1490.4	832.7	-	7.6	6.0	4.4	9.0	81	-	3.8	-	2.3	0	2	104	7	6	7	10	20	15	17	24	259	0
	0830	"	1499.0	833.6	-	9.9	7.2	5.1	9.5	74	-	4.2	-	3.1	0	0	206	29	24	23	37	18	9	9	57	159	0
	1130	"	1498.2	833.8	-	13.6	8.5	6.3	9.6	62	-	4.1	-	3.9	0	4	236	48	38	30	22	16	9	14	62	125	1
	1730	"	1474.7	831.6	-	15.5	9.9	5.3	9.3	56	-	4.8	-	6.1	0	14	253	62	13	11	17	20	8	16	110	98	0
	2330	"	1491.2	832.7	-	10.0	7.5	5.2	9.5	73	-	3.2	-	1.8	0	3	84	7	6	3	3	8	17	12	31	278	0
Gulmarg	# 0830																										
	# 1730																										
Quazigund	0830	1690	-	-	-	9.6	-	-	-	-	-	4.3	-	1.2	0	0	136	1	6	5	70	6	17	24	7	229	0
	1730	"	-	-	-	14.8	-	-	-	-	-	5.1	-	3.1	0	1	241	9	10	13	38	22	71	55	24	123	0
Banihal	0830		-	-	-	16.9	10.8	5.5	9.3	50	-	4.7	-	7.2	0	7	228	1	1	2	10	12	4	5	200	130	0
	1730		-	-	-	11.4	8.2	5.8	10.0	70	-	3.2	-	3.4	0	12	80	2	0	2	4	2	2	4	76	273	0
Jammu	0830	266	-	-	-	20.6	16.3	13.0	16.2	64	+6	2.7	+0.2	6.1	0	0	335	63	110	12	9	4	1	0	9	30	127
	1730	"	-	-	-	26.6	19.5	14.3	17.7	4.9	-	1.4	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Jammu (A)	0530	292	1008.0	974.2	-	18.9	15.1	12.0	15.0	66	-	2.6	-	4.9	0	4	195	13	148	19	4	8	1	1	5	166	0
	0830	"	1009.1	975.6	-	21.1	16.1	12.2	15.3	60	-	3.1	-	5.7	0	5	240	27	133	45	15	9	3	7	6	120	0
	1130	"	1009.1	976.3	-	26.3	18.3	12.3	15.4	45	-	3.1	-	7.0	0	13	250	15	37	17	31	60	36	44	23	102	0
	1730	"	1006.2	973.5	-	27.5	18.9	13.1	16.0	43	-	3.3	-	7.3	0	12	242	14	24	8	13	23	31	116	25	111	0
	2330	"	1008.2	974.9	-	21.2	16.3	12.5	15.4	60	-	2.2	-	4.8	0	18	130	9	96	23	11	4	1	2	2	217	0
RAJASTHAN, WEST																											
Ganganagar	0530	177	1007.6	987.1	-	19.0	15.4	12.6	15.7	68	-	1.0	-	1.4	0	2	89	1	18	19	10	5	23	10	5	274	0
	0830	"	1009.0	988.5	+0.5	20.8	16.1	12.7	15.9	63	+2	1.1	-0.5	3.8	0	5	224	8	17	47	40	19	76	17	5	136	0
	1130	"	1008.8	989.0	-	28.9	19.3	12.3	15.4	39	-	1.8	-	4.0	0	3	273	15	35	18	39	33	58	47	31	89	0
	1730	"	1005.5	985.9	-	31.1	19.7	11.5	14.5	33	-	1.8	-	3.2	0	1	216	27	23	29	9	11	36	35	47	148	0
	2330	"	1007.8	987.6	-	21.8	16.9	13.1	16.1	59	-	0.8	-	1.7	0	4	103	11	29	26	17	5	9	4	6	258	0
Anupgarh	# 0830	154																									
	# 1730	"																									

(A) Aerodrome. (a) Data for 364 days. (b) Data for 363 days. (R) Returns not received. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
RAJASTHAN, WEST (Contd.)																											
Mahajan	0830	187	1008.1	986.2	-	22.9	18.6	15.5	19.9	65	-	0.6	-	(*) 6.1	0	12	304	26	26	37	40	31	132	12	12	10	0
	1730	"	1004.3	983.5	-	31.0	22.3	17.0	20.4	45	-	-	-	(*) 5.7	0	3	304	40	24	25	13	43	91	25	46	3	0
Churu	0830	291	1009.2	975.9	-	21.5	15.4	10.1	14.1	51	-	1.5	-	9.6	0	66	227	16	2	49	23	36	40	113	14	72	0
	1730	"	1004.9	972.9	-	30.9	18.2	6.3	11.2	25	-	2.3	-	11.6	0	66	278	101	16	28	3	23	26	101	56	21	0
Bikaner	0830	224	1009.4	983.5	+0.3	21.8	15.6	10.0	13.2	51	-2	0.6	-1.1	6.6	0	24	300	13	42	38	33	35	116	27	20	41	0
	1730	"	1005.3	980.5	-	32.3	19.0	7.4	11.6	24	-	0.5	-	7.9	0	26	326	57	40	11	11	19	107	41	66	13	0
Bikaner (P.B.O.)	0530	224	1007.9	982.1	-	19.6	15.3	11.1	14.0	60	-	1.5	-	3.9	0	7	163	5	14	4	9	22	98	15	3	195	0
	1130	"	1008.9	984.0	-	29.9	19.5	11.3	13.9	35	-	1.7	-	6.9	0	10	317	11	55	10	48	29	133	21	16	38	4
	2330	"	1007.9	982.5	-	24.1	16.7	10.6	13.7	45	-	1.4	-	5.7	0	10	209	24	40	13	11	24	92	8	5	146	2
Nagaur	0830	298	1009.6	976.1	-	25.7	19.2	14.4	17.8	52	-	1.5	-	8.2	0	12	350	32	42	50	34	69	93	29	13	3	0
	1730	"	1005.4	972.4	-	31.6	21.9	15.9	19.0	41	-	2.1	-	7.4	0	15	348	56	34	14	10	63	89	48	49	2	0
Phalodi	0830	234	1008.6	982.9	-	21.8	16.6	12.1	15.9	56	-	1.5	-	12.5	1	77	250	26	21	17	39	66	126	18	15	37	0
	1730	"	1006.3	980.5	-	32.5	20.4	11.6	15.0	30	-	1.7	-	12.5	0	70	289	40	32	14	12	40	125	55	41	6	0
Jaisalmer	0830	242	1008.8	981.1	-	22.0	15.8	10.6	13.9	50	-	2.0	-	13.0	1	74	241	36	31	15	12	113	95	13	1	49	0
	1730	"	1004.7	978.5	-	32.7	22.5	16.3	19.7	41	-	2.2	-	14.1	0	69	287	63	32	8	7	108	100	22	16	9	0
Jodhpur	0230	224	1006.9	981.9	-	24.2	17.3	11.1	15.1	48	-	1.5	-	(k) 9.4	0	30	304	47	97	2	1	12	92	71	11	20	1
	0530	"	1007.9	982.4	-	22.4	16.9	11.8	15.6	54	-	1.7	-	(n) 9.0	0	36	266	42	104	2	4	9	83	50	8	49	0
	0830	"	1009.0	984.2	+1.8	22.3	16.9	11.8	16.3	54	+2	2.2	-0.4	10.1	0	33	288	25	106	18	5	25	99	40	2	44	1
	1130	"	1009.6	984.5	-	29.1	19.5	12.0	15.9	39	-	2.0	-	12.7	0	59	287	8	50	50	25	22	126	31	14	19	0
	1430	"	1006.8	982.0	-	32.2	20.1	10.3	14.4	30	-	2.1	-	14.8	0	68	290	22	46	21	13	22	117	77	37	7	3
	1730	"	1005.7	981.0	-	32.4	20.2	10.3	14.2	30	-	2.2	-	11.7	0	52	292	25	47	21	10	15	119	80	26	21	1
	2030	"	1007.1	982.1	-	28.5	19.0	11.0	14.7	38	-	1.9	-	(o) 9.2	0	28	286	38	49	12	6	15	119	55	20	36	0
	2330	"	1008.2	982.8	-	26.3	18.0	10.8	14.7	41	-	1.5	-	(g) 9.1	0	29	299	51	72	7	2	12	105	61	18	30	0
Barmer	0530	194	1007.3	985.1	-	22.1	18.0	14.5	18.3	65	-	1.4	-	7.1	0	17	292	25	5	3	3	14	88	71	100	56	0
	0830	"	1008.9	986.8	+0.2	22.6	18.5	15.1	19.1	64	+3	1.9	-0.4	5.3	0	3	281	41	4	5	2	18	99	42	71	81	2
	1130	"	1008.8	987.1	-	29.7	21.5	16.1	19.6	47	-	1.8	-	6.8	0	11	333	20	40	15	23	51	108	39	37	21	11
	1730	"	1005.0	983.5	-	32.9	22.5	15.7	19.0	39	-	1.9	-	7.2	0	11	325	25	28	9	18	44	115	43	54	29	0
	2330	"	1007.6	985.6	-	26.3	19.4	14.2	17.9	50	-	1.0	-	8.0	0	15	316	9	8	1	6	15	102	88	102	34	0
Munabao	# 0830																										
	# 1730																										
RAJASTHAN, EAST																											
Pilani	0830	301	1010.1	975.8	-	21.5	16.0	11.6	15.1	56	-	1.4	-	12.3	0	76	274	10	10	29	47	47	95	97	15	15	0
	1730	"	1006.1	972.8	-	30.0	18.8	8.9	12.7	31	-	2.0	-	12.1	0	67	293	70	39	22	20	14	35	80	80	5	0
Sikar	0830	433	1009.4	960.7	-	22.3	16.9	12.8	16.1	57	-	1.2	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1005.3	958.1	-	30.3	27.9	11.3	14.5	35	-	1.6	-	1.8	0	0	258	7	18	3	8	4	7	104	107	107	0
Alwar	0830	271	1008.4	977.7	-	23.0	18.5	15.5	18.8	65	-	2.1	-	1.7	0	0	173	23	18	14	8	11	24	37	28	192	10
	1730	"	1004.7	975.4	-	30.0	21.6	16.4	19.5	47	-	2.8	-	1.7	0	0	184	35	33	12	8	4	29	26	34	181	3
Jaipur (Sanganer)	0230	390	1007.7	963.5	-	21.1	15.1	11.1	14.0	54	-	1.5	-	4.0	0	4	209	37	32	55	3	1	3	29	53	152	0
	0530	"	1007.1	963.5	-	19.7	15.0	10.6	14.0	59	-	1.7	-	4.0	0	8	204	42	23	56	4	0	4	28	55	153	0
	0830	"	1009.3	965.3	-0.2	23.0	16.6	11.3	14.7	51	-2	1.9	-0.4	6.9	0	34	219	24	19	65	13	1	5	48	78	112	0
	1130	"	1008.6	965.5	-	29.9	18.6	10.9	13.7	34	-	2.0	-	10.1	0	53	277	21	10	48	38	19	29	86	78	35	1
	1430	"	1005.9	963.1	-	31.2	18.9	8.4	12.2	28	-	2.5	-	10.6	0	36	297	25	14	27	23	13	29	103	99	32	0
	1730	"	1005.0	962.2	-	30.1	18.5	8.4	12.1	30	-	2.7	-	7.5	0	21	273	30	10	28	19	6	22	70	109	71	0
	2030	"	1007.1	963.5	-	25.1	17.1	10.2	13.6	43	-	2.0	-	4.3	0	9	219	47	23	54	5	2	11	41	45	137	0
	2330	"	1008.1	964.0	-	23.7	16.2	10.3	13.7	48	-	1.6	-	4.1	0	4	234	37	33	62	7	2	9	47	41	127	0

(*) Data for 326 days. (*) Data for 310 days. (k) Data for 354 days. (n) Data for 351 days. (o) Data for 350 days. (g) Data for 358 days. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	At station level	Departure from normal	Mean Temperature °C: Dry Bulb	Wet Bulb	Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (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
RAJASTHAN, EAST (Contd.)																											
Dholpur	0830	176	1008.8	987.9	-	23.7	18.9	15.8	19.5	63	-	1.6	-	2.6	0	7	168	14	10	12	13	11	5	72	38	190	0
	1730	"	1005.0	985.5	-	30.3	21.9	16.6	20.2	46	-	1.9	-	2.7	0	2	178	29	28	4	8	2	14	35	60	185	0
Ajmer	0830	486	1010.2	955.4	+0.2	21.7	16.0	11.5	15.0	55	+2	2.4	+0.3	9.7 (a)	0	62	209	12	41	8	20	12	82	70	26	94	0
	1730	"	1005.3	952.2	-	29.8	18.3	9.2	12.9	31	-	2.5	-	8.3	0	15	310	27	31	13	17	10	76	111	39	40	0
Tonk	0830	272	1008.8	977.9	-	22.8	18.3	15.2	18.9	64	-	1.9	-	6.5	0	2	360	22	20	24	39	6	23	121	107	3	0
	1730	"	1004.2	976.0	-	31.0	22.4	17.1	20.5	45	-	2.5	-	6.1	0	0	364	24	31	22	13	10	47	122	95	1	0
Bhilwara	0830	425	1010.1	962.4	-	22.8	16.5	10.9	14.5	50	-	2.5	-	7.3	0	23	281	47	42	7	5	11	110	35	47	61	0
	1730	"	1005.8	959.4	-	30.7	18.8	9.6	12.4	30	-	3.0	-	8.4	0	18	304	52	46	25	9	18	72	41	59	43	0
Kota	0830	257	1009.4	980.4	+0.1	25.0	18.6	13.9	17.4	54	+3	2.1	-0.2	6.7	0	36	190	16	13	6	17	1	28	78	67	139	0
	1730	"	1005.4	977.1	-	30.9	20.6	13.2	16.2	38	-	2.9	-	5.3	0	3	220	22	38	10	10	6	32	22	83	142	0
Kota (A)	0530	274	1008.0	976.8	-	22.1	16.0	10.5	14.3	52	-	1.6	-	8.1	0	21	331	15	27	25	8	8	79	167	23	13	0
	0830	"	1009.7	970.4	-	24.7	17.2	10.9	14.6	46	-	1.9	-	8.0	0	23	295	15	21	40	14	4	45	140	39	47	0
	1130	"	1009.4	978.9	-	29.2	18.9	10.0	14.0	34	-	1.9	-	10.2	0	31	325	22	38	87	15	9	31	95	59	9	0
	1730	"	1005.5	975.4	-	35.1	19.1	8.4	12.3	28	-	3.0	-	9.9	0	29	324	48	71	52	8	3	48	55	68	12	0
	2330	"	1008.4	977.4	-	25.3	17.1	9.5	13.5	41	-	1.9	-	9.7	0	4	338	18	24	36	17	22	117	83	25	23	0
Erinpura (Jawai Dam)	0830	295	1010.1	976.5	-	22.4	18.6	16.1	19.3	68	-	2.0	-	4.5	0	5	229	5	5	2	19	111	64	27	1	131	0
	1730	"	1006.4	973.4	-	30.2	23.0	19.1	22.6	53	-	2.1	-	4.3	0	3	246	32	13	2	6	21	51	109	14	116	1
Chambal (Rawat Bhata Dam)	0830	351	1009.4	969.7	-	23.3	17.1	13.4	16.8	56	-	1.3	-	3.9	0	16	172	25	13	5	6	7	46	36	50	77	0
	1730	"	1004.8	966.3	-	31.1	20.2	11.9	15.2	35	-	2.2	-	7.8	0	23	327	27	78	16	13	12	64	42	98	15	0
Udaipur	0230	582	1009.1	943.8	-	19.7	15.9	12.9	15.9	66	-	1.3	-	1.5	0	2	67	2	0	2	2	13	35	7	8	296	0
	0530	"	1009.4	943.3	-	18.5	15.2	12.7	15.6	71	-	1.6	-	1.2	0	3	58	1	0	0	7	10	28	10	4	304	1
	0830	"	1010.3	945.3	+0.3	22.0	16.8	13.1	16.0	59	+1	2.0	0.0	1.8	0	1	81	5	4	0	5	14	33	14	7	283	0
	1130	"	1009.3	945.8	-	28.5	19.1	12.8	15.6	41	-	2.2	-	3.9	0	1	236	7	33	35	13	39	66	20	20	128	4
	1730	"	1005.9	942.7	-	29.1	19.5	13.0	15.7	41	-	2.7	-	4.1	0	3	209	5	23	6	8	24	73	46	24	153	3
	2330	"	1009.9	944.5	-	21.5	16.6	13.1	16.0	62	-	1.5	-	1.6	0	4	72	4	4	1	0	7	31	17	12	289	0
Jhalawar	0830	321	1009.4	973.1	+0.1	23.4	17.3	12.4	15.9	53	-6	2.0	-0.5	3.6	0	8	231	27	21	20	16	3	59	65	28	126	0
	1730	"	1005.0	970.7	-	31.4	19.7	10.2	13.6	31	-	2.6	-	5.1	0	10	314	58	52	16	8	5	53	80	49	41	0
Banswara	0830	220	1009.9	985.0	-	24.7	18.4	13.2	16.9	53	-	§	-	7.1 (b)	0	5	328	13	20	49	55	26	114	40	16	30	0
	1730	"	1005.7	981.4	-	32.3	20.8	12.1	15.5	34	-	§	-	6.6 (b)	0	6	337	25	17	12	13	9	102	91	74	20	0
MADHYA PRADESH, WEST																											
Gwalior	0230	207	1007.5	983.7	-	20.9	15.8	11.8	15.1	60	-	2.0	-	3.7	0	10	170	12	9	7	15	22	34	50	31	185	0
	0530	"	1007.7	983.9	-	19.8	15.2	11.4	14.9	63	-	2.2	-	3.9	0	14	210	11	7	14	17	34	41	56	34	151	0
	0830	"	1009.2	985.7	+0.5	24.5	17.6	12.2	15.5	51	-4	2.3	-0.1	6.9	0	26	239	24	16	10	26	36	20	76	57	100	0
	1130	"	1008.9	985.8	-	30.1	19.5	11.2	14.8	35	-	2.4	-	10.2	0	36	318	40	38	25	29	29	16	53	121	11	1
	1430	"	1006.2	983.4	-	32.0	19.8	9.9	14.0	30	-	3.0	-	10.6	0	24	333	65	39	20	20	9	15	51	138	8	0
	1730	"	1005.5	982.6	-	30.5	19.6	10.9	14.5	35	-	3.1	-	8.1	0	25	315	75	42	21	13	11	13	56	109	25	0
	2030	"	1007.3	983.9	-	24.9	17.7	11.9	15.3	49	-	2.1	-	4.1	0	7	199	28	20	13	13	17	30	40	45	159	0
	2330	"	1008.0	984.4	-	22.3	16.5	11.9	15.3	56	-	2.0	-	3.8	0	6	183	12	10	19	11	24	47	40	26	176	0
Sheopur	0830	235	1009.8	983.1	+0.9	23.0	17.1	12.3	15.9	55	-5	2.1	-1.0	7.1	0	21	292	41	26	19	25	81	47	48	26	52	0
	1730	"	1005.5	979.6	-	31.6	20.0	10.8	14.5	32	-	3.0	-	10.0	0	43	302	95	17	33	8	21	41	89	41	20	0
Shivpuri	0830	464	1009.4	957.4	-	23.5	16.7	11.4	14.8	51	-	2.1	-	7.8	0	33	267	13	38	35	27	20	36	98	32	65	1
	1730	"	1005.2	954.4	-	29.2	18.2	9.5	13.4	35	-	2.9	-	6.1	0	11	290	24	70	16	4	8	9	67	103	64	0
Nowgong	0830	229	1009.5	983.3	+0.1	23.0	17.5	13.3	16.5	59	-5	2.5	-0.4	4.3	0	1	264	6	16	22	6	55	117	27	16	100	0
	1730	"	1005.4	980.1	-	31.1	20.0	11.3	15.0	35	-	2.8	-	3.5	0	0	291	36	45	17	6	2	48	33	104	74	0

(a) Data for 364 days. (b) Data for 363 days. (A) Aerodrome. § Data rejected.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MADHYA PRADESH, WEST (Contd.)																											
Guna	0530	478	1008.9	954.6	-	18.6	15.3	12.8	16.1	71	-	2.4	-	6.9	0	26	250	20	27	23	73	20	45	58	10	89	0
	0830	"	1009.9	956.3	+0.5	23.3	18.1	14.7	18.0	61	+2	2.5	+0.3	7.1	0	28	316	18	29	50	65	36	29	100	17	21	0
	1130	"	1008.8	956.5	-	29.6	21.0	15.9	19.2	47	-	2.6	-	10.8	0	42	320	28	42	41	36	14	42	79	75	3	5
	1730	"	1005.4	953.1	-	29.8	20.6	14.8	18.0	44	-	3.1	-	11.5	0	47	313	54	48	20	9	8	36	92	93	5	0
	2330	"	1009.0	955.2	-	21.8	16.9	13.4	16.5	62	-	2.1	-	6.7	0	15	269	30	28	38	45	20	45	50	28	81	0
Nimach	0830	496	1010.7	955.1	+0.7	22.8	16.1	10.2	14.4	49	-8	2.2	-0.2	10.8	0	73	249	11	87	36	13	6	37	107	13	43	12
	1730	"	1006.2	952.2	-	30.3	18.2	8.1	12.5	30	-	2.7	-	(a) 12.0	0	70	280	15	68	15	3	0	58	116	38	14	37
Rajgarh	0830	382	1010.0	966.9	-	22.4	17.3	13.1	16.7	59	-	2.2	-	7.4	0	37	272	42	24	33	47	35	12	88	28	56	0
	*1730	"																									
Sagar	0830	551	1009.6	948.3	+0.6	23.7	16.9	11.3	14.9	51	-3	2.5	-0.2	4.0	0	0	282	0	19	24	8	0	38	122	71	83	0
	1730	"	1005.2	945.2	-	28.7	18.4	10.3	14.1	38	-	2.9	-	3.3	0	0	312	6	61	22	10	0	43	53	117	53	0
Ratlam	0830	486	1010.4	955.9	+0.8	22.9	17.5	13.5	16.7	58	-7	2.9	-0.6	11.5	0	51	295	21	83	66	8	8	51	89	20	19	0
	1730	"	1005.7	952.8	-	30.7	20.5	14.0	17.0	40	-	3.3	-	11.8	0	46	309	27	63	29	6	6	68	102	54	10	0
Bhopal (Bairagarh)	0230	523	1008.0	949.4	-	21.5	15.9	11.3	14.9	56	-	2.5	-	8.5	0	24	276	51	43	27	20	12	40	70	37	65	0
	0530	"	1008.7	949.8	-	20.2	15.4	11.3	14.9	61	-	2.9	-	8.2	0	33	249	39	47	21	23	13	38	70	31	83	0
	0830	"	1009.9	951.7	+0.5	23.8	17.5	12.6	16.0	54	-3	3.1	+0.3	11.7	0	71	243	26	42	31	29	10	26	74	56	51	0
	1130	"	1008.8	951.5	-	28.9	19.5	12.8	16.3	42	-	2.8	-	12.5	0	77	263	32	39	50	44	19	27	68	61	25	0
	1430	"	1005.7	948.9	-	31.0	19.9	12.1	15.6	36	-	3.5	-	12.9	0	78	264	42	33	23	22	18	45	88	71	23	0
	1730	"	1005.2	948.3	-	29.9	19.4	11.8	15.3	38	-	3.6	-	12.4	0	76	266	64	54	17	16	11	32	77	71	23	0
	2030	"	1007.7	949.8	-	25.6	17.8	11.8	15.2	47	-	3.0	-	7.2	0	14	270	56	60	21	20	11	31	54	31	81	0
	2330	"	1008.6	950.3	-	23.4	16.9	11.5	15.1	52	-	2.6	-	8.0	0	17	278	47	54	22	22	18	38	70	24	70	0
Ujjain	0830	489	1010.4	955.5	-	22.5	17.5	13.8	17.2	61	-	3.2	-	12.7	0	100	176	17	22	37	19	7	7	80	74	89	13
	1730	"	1005.4	952.2	-	30.5	20.4	14.0	17.0	40	-	3.8	-	(a) 14.2	0	114	223	33	42	23	7	9	8	107	100	27	8
Narsinghpur	0830	356	1010.1	969.8	-	23.0	18.2	14.5	17.9	61	-	#	-	#	0	0	293	6	92	3	32	6	89	14	51	41	0
	1730	"	1005.1	966.1	-	30.6	21.3	14.9	18.3	43	-	#	-	#	0	0	298	18	76	0	22	1	76	5	100	36	0
Hoshangabad	0830	302	1010.4	976.1	+0.2	23.2	19.0	15.9	19.2	67	+8	2.9	0.0	3.5	0	1	361	30	90	30	28	44	116	12	12	3	0
	1730	"	1005.5	972.3	-	31.0	22.5	17.3	20.6	49	-	2.9	-	3.4	0	0	361	20	82	22	27	29	140	23	18	4	0
Indore	0530	567	1009.0	945.1	-	19.3	14.9	11.0	14.7	62	-	2.4	-	11.1	0	69	222	12	44	32	2	8	106	60	27	74	0
	0830	"	1010.2	946.9	+0.2	22.8	16.7	11.8	15.3	55	-4	2.5	-0.4	13.6	1	94	215	15	44	49	8	14	62	85	33	55	0
	1130	"	1008.7	946.8	-	28.9	18.8	11.2	14.7	38	-	2.4	-	16.3	0	121	226	23	53	69	11	20	74	59	26	18	12
	1730	"	1005.0	943.6	-	30.0	18.6	9.7	13.5	34	-	2.9	-	15.6	0	106	239	31	73	21	1	14	85	73	46	20	1
	2330	"	1009.0	945.8	-	22.4	16.0	10.6	14.3	52	-	2.1	-	11.4	0	51	263	25	49	28	3	8	113	58	30	51	0
Rajpur (Jhabua)	0830	293	1010.9	977.6	-	22.8	18.1	14.2	17.8	62	-	2.7	-	7.7	0	28	209	0	3	40	1	0	20	170	3	128	0
	1730	"	1006.0	973.9	-	31.9	20.4	11.3	15.2	34	-	2.7	-	8.2	0	26	287	7	4	27	1	7	20	235	12	52	0
Chhindwara	0830	685	1009.8	933.9	+0.5	22.0	16.8	13.1	16.1	60	-2	3.0	-0.1	6.4	0	24	216	42	36	19	4	8	11	72	48	125	0
	1730	"	1004.8	930.8	-	28.4	19.1	12.4	15.6	42	-	4.1	-	8.5	0	24	299	70	10	53	8	30	5	108	39	42	0
Seoni	0830	619	1009.7	941.2	+0.5	23.2	17.6	13.7	16.9	59	+1	3.3	+0.5	5.9	0	0	309	45	57	25	15	16	76	46	29	56	0
	1730	"	1005.2	938.0	-	28.5	19.5	13.1	16.3	45	-	3.8	-	8.5	0	9	352	58	49	41	36	40	46	52	38	4	1
Betul	0830	653	1010.2	937.7	+0.6	22.3	16.8	12.3	15.7	58	-4	3.3	-0.3	4.1	0	0	294	10	34	49	58	8	10	63	60	71	2
	1730	"	1005.1	934.4	-	28.8	18.7	11.0	14.7	40	-	3.7	-	5.4	0	0	361	71	74	11	22	7	11	62	103	4	0
Khandwa	0830	318	1010.3	974.4	+0.4	24.0	18.1	13.5	16.8	55	-3	2.7	+0.1	3.5	0	0	321	8	56	17	16	21	82	72	49	44	0
	1730	"	1005.3	970.5	-	32.3	20.9	12.6	15.8	35	-	3.1	-	4.1	0	0	362	18	99	6	19	5	88	33	94	3	0

(a) Data for 364 days. # Data not available for complete year, hence no annual means.

* Data not available.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MADHYA PRADESH, EAST																											
Satna	0530	317	1008.0	971.7	-	19.7	16.1	13.1	16.3	70	-	2.5	-	2.7	0	0	212	16	21	20	15	24	52	53	11	153	0
	0830	"	1009.4	973.6	+0.6	23.7	18.0	13.5	16.8	57	-3	2.5	-0.3	2.8	0	1	242	8	7	31	12	15	27	130	13	122	0
	1130	"	1008.5	973.4	-	29.5	19.9	12.8	16.1	41	-	2.5	-	5.5	0	4	311	19	20	43	39	25	36	99	34	50	0
	1730	"	1005.3	970.3	-	29.5	20.1	13.3	16.5	42	-	2.8	-	3.7	0	1	280	72	8	30	2	17	16	104	32	84	0
	2330	"	1008.3	972.4	-	22.9	17.7	13.6	17.0	60	-	2.3	-	3.0	0	0	215	23	20	31	16	22	53	43	7	150	0
Rewa	0830	299	1009.2	975.4	-	23.9	18.4	14.6	17.7	60	-	2.3	-	4.3	0	0	310	22	21	14	13	14	71	111	44	55	0
	1730	"	1005.3	972.3	-	30.3	20.6	13.8	16.9	41	-	2.7	-	5.0	0	1	332	92	37	12	11	3	10	67	101	32	0
Sidhi	0830	272	1008.7	977.9	-	23.2	18.4	15.1	18.5	63	-	#	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1004.4	974.4	-	30.2	#	#	#	#	-	#	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Umaria	0830	459	1009.9	958.4	-	23.2	18.3	15.1	18.4	63	+2	3.1	-0.3	4.3	0	1	260	15	18	34	30	14	45	62	13	104	30
	1730	"	1005.2	955.0	-	29.3	21.0	16.0	19.3	49	-	3.6	-	4.3	0	4	295	54	20	15	7	8	34	57	58	66	46
Jabalpur	0530	393	1008.7	964.0	-	19.3	16.4	14.1	17.1	74	-	2.9	-	1.8	0	1	145	9	8	5	32	29	25	38	0	219	0
	0830	"	1010.1	966.0	+1.0	23.5	18.2	14.1	17.3	59	-4	3.0	+0.2	3.4	0	0	282	15	24	11	45	68	45	66	8	83	0
	1130	"	1008.7	965.5	-	29.6	20.3	13.5	16.8	42	-	3.0	-	3.3	0	0	345	38	58	18	25	38	49	83	36	20	0
	1430	"	1005.6	962.9	-	31.7	20.7	12.4	15.8	36	-	3.6	-	5.9	0	1	348	67	50	12	10	18	46	88	58	16	0
	1730	"	1005.2	962.3	-	29.8	20.4	13.4	16.7	42	-	3.9	-	4.7	0	5	304	71	68	15	12	15	38	56	34	56	0
	2330	"	1008.7	964.4	-	22.2	17.9	14.6	17.8	65	-	2.7	-	2.3	0	2	158	7	33	10	18	30	26	32	4	205	0
Ambikapur	0830	611	1009.9	941.9	+0.6	22.3	17.6	14.5	17.5	65	-2	2.9	+0.4	3.2	0	0	222	28	41	11	10	43	69	17	3	143	0
	1730	"	1005.2	938.7	-	27.4	18.8	12.6	16.0	47	-	3.5	-	5.0	0	3	326	139	27	5	11	17	37	36	57	36	0
Jashpurnagar	0830	779	1008.9	923.2	-	21.8	17.0	13.6	16.6	63	-	2.4	-	1.8	0	0	226	16	79	1	10	2	58	10	50	139	0
	1730	"	1005.2	921.[illegible]	-	26.0	18.5	12.6	15.3	[illegible]	-	2.7	-	2.7	0	0	327	14	43	3	15	3	123	27	36	[illegible]	3
Pendra	0530	625	1008.7	938.8	-	19.6	15.9	12.9	16.2	69	-	3.1	-	4.6	0	12	256	79	6	3	7	54	32	38	48	97	1
	0830	"	1009.7	940.6	+0.5	23.2	17.7	13.8	16.9	59	-2	3.0	+0.1	7.0	0	27	281	107	16	4	9	55	38	27	50	57	2
	1130	"	1008.3	940.2	-	27.7	19.2	13.3	16.5	46	-	3.1	-	9.6	0	42	305	121	35	6	8	56	35	31	49	18	6
	1430	"	1005.4	937.8	-	28.8	19.4	13.0	16.2	43	-	3.7	-	11.2	0	61	283	122	31	6	8	55	37	32	48	21	5
	1730	"	1005.5	937.5	-	26.8	19.1	13.7	17.0	50	-	3.5	-	6.5	0	17	288	116	10	3	13	70	41	18	34	60	0
	2330	"	1008.9	939.4	-	21.6	16.9	13.3	16.6	63	-	2.8	-	5.8	0	27	259	63	6	4	9	58	62	28	56	79	0
Mandla	0830	443	1010.2	960.4	+0.7	22.1	17.6	14.3	17.4	65	-0.7	2.7	-0.7	(i) 1.8	0	0	94	28	0	2	1	34	4	11	14	262	0
	1730	"	1005.1	956.6	-	29.0	19.8	12.5	15.9	42	-	3.3	-	(i) 3.0	0	3	162	63	2	1	0	45	2	6	46	191	0
Champa	0830	245	1009.8	982.0	+0.6	24.2	19.4	16.1	19.5	64	-1	3.5	0.0	4.5	0	2	312	120	27	26	7	5	34	52	43	51	0
	1730	"	1005.5	978.4	-	30.5	21.2	14.7	18.1	44	-	4.2	-	5.1	0	17	285	85	13	15	3	9	52	57	68	63	0
Raigarh	0830	220	1009.9	985.0	+1.0	25.6	20.1	16.3	19.9	59	-4	3.3	-0.3	3.7	0	0	361	9	185	12	29	17	79	7	23	4	0
	1730	"	1005.3	980.9	-	30.2	21.3	15.1	18.6	45	-	3.7	-	2.2	0	0	265	60	67	2	22	7	60	25	20	100	2
Raipur	0530	298	1008.1	974.3	-	21.8	18.3	15.8	18.9	71	-	3.3	-	4.8	0	3	244	29	27	9	17	39	60	46	17	118	3
	0830	"	1009.9	976.3	+0.7	25.1	19.7	16.1	19.1	61	0	3.2	+0.2	7.0	0	4	314	41	61	21	10	23	61	64	34	47	3
	1130	"	1008.8	975.9	-	30.2	21.1	15.0	18.2	44	-	3.1	-	8.7	0	9	341	41	60	30	28	18	46	72	52	15	3
	1430	"	1005.8	973.1	-	32.0	21.4	13.8	17.0	39	-	3.5	-	8.7	0	10	337	52	57	14	18	17	53	69	56	18	11
	1730	"	1005.5	972.6	-	30.4	21.0	14.3	17.5	43	-	3.8	-	6.7	0	5	307	65	53	17	8	23	50	59	36	53	1
	2330	"	1008.2	974.7	-	24.8	19.5	15.5	18.7	61	-	2.7	-	6.9	0	7	305	16	31	51	35	58	63	42	16	53	0
Kanker	0830	402	1009.9	965.1	+0.8	24.9	20.4	17.7	20.9	66	-2	3.1	-0.6	2.0	0	0	140	5	6	2	2	4	96	19	6	225	0
	1730	"	1005.5	961.5	-	29.8	22.2	17.6	21.1	54	-	3.8	-	2.6	0	0	214	21	34	3	2	5	85	40	24	151	0
Jagdalpur	0530	553	1008.5	946.6	-	20.0	17.8	16.5	19.2	81	-	3.4	-	1.8	0	2	105	2	21	3	8	19	47	5	2	258	0
	0830	"	1009.8	948.5	+0.3	23.7	19.4	16.8	19.8	67	-6	3.6	+0.3	4.2	0	1	216	13	35	3	10	31	88	16	21	148	0
	1130	"	1008.0	947.9	-	28.9	20.5	15.4	18.3	47	-	3.6	-	8.5	0	13	333	34	80	14	17	26	92	48	35	19	0
	1730	"	1005.2	945.1	-	28.4	20.3	15.3	18.3	49	-	5.0	-	6.5	0	11	287	36	68	1	15	34	96	21	27	67	0
	2330	"	1008.7	947.3	-	22.5	18.8	16.5	19.4	71	-	2.7	-	2.9	0	2	155	5	34	11	11	32	49	10	5	208	0

Data not available for complete year, hence no annual means. (i) Data for 356 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
GUJARAT REGION (Including Daman, Dadra and Nagar Haveli)																											
Deesa	0830	136	1010.5	994.9	+0.8	22.5	17.6	13.3	17.3	59	-	2.3	-	7.5	0	12	340	2	128	13	45	14	82	3	65	13	0
	1730	"	1006.1	991.0	-	32.8	20.0	10.5	13.7	28	-	2.0	-	10.5	0	26	326	5	29	1	21	15	142	15	123	13	1
Radhanpur	0830	30	#	-	-	23.2	#	-	-	-	-	#	-	4.8	0	1	336	34	26	32	10	17	133	26	59	28	0
	1730	"	#	-	-	32.8	#	-	-	-	-	#	-	4.8	0	0	329	17	25	12	9	9	160	21	76	36	0
Idar	0830	219	1010.1	985.4	-	24.9	18.3	12.3	16.6	52	-	2.6	-	4.2	0	1	289	32	55	34	7	3	60	79	20	75	0
	1730	"	1006.0	981.9	-	32.1	20.3	10.7	14.7	32	-	2.4	-	4.0	0	2	311	11	6	22	14	4	52	179	25	52	0
Ahmedabad	0230	55	1008.4	1002.0	-	23.4	18.4	14.4	18.1	60	-	1.3	-	8.3	0	5	296	36	39	15	2	2	41	104	62	64	0
	0530	"	1008.4	1002.0	-	21.9	18.0	14.7	18.5	66	-	1.6	-	7.4	0	5	288	19	54	25	3	7	44	76	65	72	0
	0830	"	1010.2	1003.9	+0.1	24.0	19.0	15.0	18.9	61	-3	2.4	-0.2	9.4	0	17	300	16	46	55	2	6	44	68	80	48	0
	1130	"	1010.4	1004.1	-	30.6	21.3	14.5	18.4	42	-	2.3	+	13.4	0	53	305	30	25	72	37	4	51	77	60	7	2
	1430	"	1007.6	1001.4	-	33.8	21.8	13.0	16.9	33	-	2.4	-	11.9	0	36	312	25	29	40	21	14	64	90	64	17	1
	1730	"	1006.3	1000.2	-	33.3	21.5	12.5	16.4	33	-	2.3	-	11.7	0	33	313	31	34	25	16	13	56	97	70	19	4
	2030	"	1007.9	1001.7	-	27.7	20.3	14.8	18.5	49	-	1.9	-	7.5	0	31	196	30	18	10	8	23	59	40	39	138	0
	2330	"	1008.9	1002.6	-	25.2	19.1	14.4	18.0	55	-	1.6	-	7.2	0	16	235	34	19	5	5	10	63	73	42	114	0
Dohad	0830	333	1010.3	972.7	+0.4	23.7	17.6	12.1	16.1	53	-12	2.8	-0.3	11.8	0	96	249	6	35	65	22	29	82	93	13	20	0
	1730	"	1005.8	969.3	-	32.1	19.7	8.7	13.3	30	-	1.7	-	11.9	0	92	270	24	35	13	16	4	181	51	38	3	0
Vallabh Vidyanagar	0830	44	1010.0	1005.0	-	22.4	18.6	15.7	19.5	70	-	2.1	-	6.9	0	4	341	47	77	9	17	29	97	31	38	20	0
	1730	"	1006.2	1001.4	-	33.1	21.8	13.6	17.3	35	-	2.0	-	8.6	0	23	326	59	35	6	10	24	115	40	60	16	0
Baroda (A)	0830	38	1010.3	1006.0	-	24.3	19.4	15.6	23.6	62	-	2.2	-	12.3	0	61	252	60	38	8	13	20	102	45	27	52	0
	1130	"	1010.2	1006.0	-	31.0	21.5	14.6	22.6	42	-	2.1	-	15.0	0	102	237	30	49	41	24	9	79	63	44	26	0
	1730	"	1006.7	1002.4	-	32.4	21.6	13.4	17.5	39	-	2.0	-	15.7	0	103	244	33	29	9	0	13	92	82	89	18	0
Baroda	0530	34	1008.6	1004.6	-	22.2	18.9	16.4	20.2	72	-	1.6	-	0.7	0	0	80	1	23	2	0	0	22	30	2	285	0
	0830	"	1010.5	1006.5	+0.8	23.8	19.7	16.7	20.7	67	-4	2.1	-0.5	1.4	0	0	158	1	39	4	4	0	52	49	9	207	0
	1130	"	1010.4	1006.5	-	31.7	22.3	15.9	19.7	43	-	2.0	-	2.5	0	0	249	3	61	18	10	1	71	62	23	116	0
	1730	"	1006.6	1002.7	-	33.9	22.9	15.9	23.9	39	-	1.8	-	2.3	0	0	239	5	28	3	2	1	73	102	25	126	0
	2330	"	1009.1	1005.1	-	25.4	20.4	16.9	24.9	62	-	1.4	+	1.7	0	0	169	3	23	3	1	0	81	52	6	196	0
Broach	0830	17	1009.8	1007.8	+0.4	23.0	19.6	17.3	21.0	72	+1	2.3	-0.5	5.2	0	0	365	11	92	6	11	13	155	19	58	0	0
	1730	"	1006.2	1004.3	-	33.6	23.5	17.3	20.9	42	-	1.8	-	6.5	0	1	364	10	89	2	11	9	160	18	66	0	0
Surat	0530	12	1008.6	1007.3	-	23.0	20.1	17.8	21.9	74	-	1.8	-	8.5	0	7	347	0	114	0	70	0	149	0	21	11	0
	0830	"	1010.5	1009.2	+0.6	24.7	20.6	17.8	21.7	68	0	2.7	-0.4	7.1	0	1	350	1	134	3	52	0	127	0	34	14	0
	1130	"	1010.8	1009.3	-	30.4	22.3	16.8	20.7	48	-	2.7	-	10.5	0	16	348	1	127	5	31	0	139	2	59	1	0
	1730	"	1007.2	1005.9	-	31.4	22.8	17.5	21.1	47	-	2.2	-	11.2	0	43	322	0	31	0	5	0	206	2	121	0	0
	2330	"	1009.6	1008.2	-	25.4	21.5	19.0	23.2	70	-	1.6	-	9.5	0	13	345	0	91	0	13	1	207	0	46	7	0
SAURASHTRA AND KUTCH (Including Diu)																											
Naliya	0830	21	1009.9	1007.5	-	22.1	19.6	17.7	22.2	78	-	2.8	-	9.5	0	71	214	35	41	12	7	19	118	30	23	80	0
	1730	"	1007.3	1004.9	-	29.3	22.5	18.0	22.3	55	-	2.7	-	14.9	0	95	267	31	25	0	0	30	199	68	9	3	0
Bhuj (Rudramata)	0230	80	1008.6	999.3	-	22.1	19.8	18.0	22.3	80	-	1.4	-	7.9	(a) 0	29	173	10	2	0	0	1	79	88	23	162	0
	0530	"	1008.5	999.3	-	21.0	19.2	17.7	21.9	83	-	1.5	-	6.7	(a) 0	19	164	7	3	0	1	0	68	88	17	181	0
	0830	"	1010.1	1000.9	+0.7	22.8	20.1	18.1	22.5	76	+18	2.3	-0.1	10.1	0	72	147	9	6	1	0	1	74	96	32	146	0
	1130	"	1010.2	1001.2	-	29.5	22.5	17.9	22.1	53	-	2.1	-	16.1	0	114	214	49	58	14	5	1	66	86	49	37	0
	1430	"	1007.7	998.8	-	32.5	23.3	17.3	21.9	45	-	2.3	-	17.7	0	138	197	29	59	8	9	9	76	91	54	30	0
	1730	"	1006.8	997.9	-	31.7	23.1	17.3	21.8	47	-	2.2	-	18.7	0	162	185	37	69	7	4	4	76	113	37	18	0
	2030	"	1008.5	999.4	-	26.6	21.5	18.0	22.3	62	-	1.6	-	13.5	(d) 0	83	210	(a) 14	18	5	1	1	82	140	35	68	0
	2330	"	1009.5	1000.2	-	23.8	20.7	18.3	22.7	74	-	1.4	-	10.6	(c) 0	47	208	20	5	0	1	1	87	122	22	107	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. (a) Data for 364 days. (c) Data for 362 days. (d) Data for 361 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
SAURASHTRA AND KUTCH (including DIU) (Contd.)																											
Kandla (A)	0830	35	1010.4	1006.4	-	24.2	19.5	15.6	19.8	61	-	2.0	-	19.6	0	177	167	36	8	2	4	5	127	48	114	21	0
	1130	"	1010.6	1006.6	-	30.5	20.6	12.9	16.9	38	-	2.0	-	21.2	1	167	183	54	44	17	7	8	121	54	46	14	0
	1730	"	1007.1	1003.2	-	32.2	20.6	11.3	15.3	32	-	1.8	-	26.0	0	247	112	56	17	9	12	49	161	34	21	6	0
New Kandla	0830	14	1010.6	1009.0	-	24.0	20.1	17.3	21.3	68	-	2.7	-	16.1	0	97	261	81	23	3	3	3	67	114	64	7	0
	1730	"	1007.7	1006.0	-	30.3	22.1	16.7	20.4	47	-	2.1	-	24.8	0	219	140	38	39	6	8	16	131	116	5	6	0
Mandvi	0830	9	1010.5	1009.4	+0.9	23.8	20.6	18.1	22.6	73	-4	3.5	+0.6	20.6	5	147	200	42	63	6	0	8	85	82	56	13	10
	1730	"	1007.9	1006.8	-	27.8	23.5	21.0	26.0	69	-	2.8	-	30.3	1	274	89	7	12	3	10	14	133	177	4	1	4
Surendranagar	0830	74	1010.6	1001.9	+0.8	24.5	20.4	17.2	21.6	66	0	2.3	+0.4	9.9 (d)	0 (d)	33	290	42 (d)	25	9	3	6	39	118	81	38	0
	1730	"	1006.2	998.0	-	33.6	#	-	-	-	-	2.6	-	9.2	0	44	280	53	21	10	8	4	16	168	44	41	0
Okha	0530	7	1009.0	1008.2	-	24.6	22.4	21.2	25.8	82	-	1.8	-	21.6	1	206	143	48	40	7	0	7	86	95	69	13	0
	0830	"	1010.7	1009.9	-	25.3	22.6	21.0	25.7	78	-	2.5	-	19.5	0	190	163	43	47	18	1	11	77	84	72	12	0
	1130	"	1011.1	1010.3	-	26.9	23.2	21.1	25.8	71	-	2.2	-	21.7	0	208	156	36	50	26	3	1	71	96	81	1	0
	1730	"	1008.5	1007.7	-	27.0	23.7	21.9	26.8	74	-	2.1	-	22.7	0	234	126	21	15	8	1	0	70	128	117	5	0
	2330	"	1010.2	1009.4	-	25.2	23.0	21.7	26.7	82	-	1.5	-	21.8	0	222	136	46	12	3	0	3	99	113	82	7	0
Jamnagar	# 0530																										
	# 0830																										
	# 1130																										
	# 1730																										
	# 2330																										
Dwarka	0830	11	1010.5	1009.2	+0.5	24.8	22.7	21.6	26.5	83	+6	2.5	-0.5	14.4	0 (c)	120	237	89 (c)	26	22	2	4	43	130	20	6	1
	1730	"	1008.1	1006.9	-	27.7	23.9	21.9	27.1	73	-	2.1	-	19.1	0	178	186	53	13	6	0	1	51	191	49	1	0
Rajkot	0530	138	1008.8	993.0	-	20.7	18.0	15.7	13.5	75	-	1.4	-	9.3	0	77	174	15	27	4	3	5	108	50	38	114	1
	0830	"	1010.4	994.7	+0.6	23.2	19.7	16.8	21.0	70	0	1.7	-0.8	15.0	0	165	121	15	39	9	3	1	99	64	54	79	2
	1130	"	1010.1	994.7	-	30.3	21.7	15.9	19.6	46	-	1.5	-	21.9	1	219	138	41	78	19	3	1	61	82	73	7	0
	1730	"	1006.5	991.3	-	32.4	21.8	14.3	18.0	38	-	1.2	-	25.7	2	241	118	31	61	12	3	4	58	68	123	4	1
Bhavnagar (A)	0830	11	1010.5	1009.3	+0.5	24.7	19.4	15.4	19.1	59	+5	2.2	-0.7	16.1	0	128	219	53	14	1	4	10	68	81	90	18	26
	1130	"	1010.6	1009.4	-	30.4	21.5	15.5	18.8	43	-	2.3	-	19.7	0	173	185	48	108	49	15	3	52	53	21	7	9
	1730	"	1006.7	1005.5	-	32.6	21.8	14.1	17.9	37	-	2.4	-	25.5	4	219	137	12	83	53	52	79	52	25	3	5	1
Porbander (A)	0830	7	1010.5	1009.7	+0.9	24.5	20.7	17.9	22.3	70	-7	2.5	-0.4	11.7	0	94	242	49	32	13	23	6	60	69	84	29	0
	1130	"	1010.9	1010.1	-	29.8	22.3	16.9	21.5	52	-	2.2	-	18.9	0	197	167	28	66	21	2	5	96	110	32	1	4
	1730	"	1007.9	1007.1	-	29.0	22.7	18.4	22.8	57	-	2.1	-	23.4	0	273	92	23	14	4	3	2	80	215	24	0	0
Keshod	0830	51	1010.7	1004.7	-	23.5	19.2	15.6	20.0	65	-	1.9	-	14.4	0	94	264	47	101	43	2	6	54	64	38	7	3
	1130	"	1010.7	1005.0	-	30.0	20.8	13.7	17.6	42	-	2.0	-	21.5	0	198	165	56	77	23	1	0	56	95	51	2	4
	1730	"	1007.6	1001.8	-	31.3	21.1	13.0	17.3	40	-	1.7	-	27.5	0	273	90	45	22	7	1	6	84	166	32	2	0
Mahuva	0830	9	1009.3	1008.3	-	24.4	20.1	16.9	21.0	66	-	#	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	1007.0	1006.0	-	30.0	23.3	19.2	23.4	56	-	#	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-
Veraval	0230	8	1008.9	1008.0	-	23.3	20.5	18.1	22.6	75	-	1.9	-	18.0	0	129	236	126	59	2	1	0	32	83	62	0	0
	0530	"	1008.6	1007.7	-	22.6	19.7	17.3	21.7	75	-	2.1	-	17.4	0	117	244	142	71	2	1	1	29	73	42	4	0
	0830	"	1010.4	1009.5	+0.3	24.3	20.7	17.7	22.3	70	+1	2.5	-0.3	17.9	0	132	229	107	89	5	0	2	28	77	53	4	0
	1130	"	1010.9	1009.9	-	29.7	23.1	18.5	23.5	58	-	2.3	-	20.6	0	209	154	35	53	15	10	7	42	139	62	2	0
	1430	"	1008.7	1007.8	-	29.4	24.5	21.6	26.8	67	-	2.2	-	23.3	0	263	101	14	14	2	4	19	72	183	56	1	0
	1730	"	1007.9	1007.0	-	27.8	24.4	22.7	27.9	75	-	2.4	-	23.9	0	261	104	6	4	2	5	17	59	184	88	0	0
	2030	"	1009.2	1008.3	-	25.9	23.2	21.5	26.4	78	-	1.9	-	19.0	0	176	183	38	12	7	3	6	37	129	126	6	1
	2330	"	1009.9	1009.1	-	24.4	21.7	19.8	24.4	78	-	2.0	-	17.2	0	126	236	95	43	8	1	1	32	97	85	3	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. (c) Data 362 days. (d) Data for 361 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
KONKAN (including Goa)																											
Dahanu	0830	5	1010.2	1009.7	+0.8	25.0	22.5	21.1	26.2	79	+2	#	-	(d) 10.5	(d) 0	43	313	(d) 28	21	82	120	6	40	44	10	5	7
	1730	"	1007.9	1007.5	-	28.7	25.7	24.3	30.6	78	-	#	-	(f) 17.7	(f) 0	126	233	(f) 125	2	7	4	1	38	126	54	0	2
Bombay (Santacruz)	0230	14	1008.8	1007.1	-	23.9	21.5	20.0	24.1	80	-	2.7	-	5.9	0	28	165	22	35	19	4	3	19	60	31	172	0
	0530	"	1008.7	1007.0	-	23.2	21.1	19.7	23.6	81	-	2.8	-	5.7	0	30	179	14	51	43	11	12	15	47	16	156	0
	0830	"	1010.5	1008.9	+0.1	26.0	22.0	19.5	23.6	69	-4	3.4	0.0	6.6	0	30	213	13	33	67	20	8	17	59	26	122	0
	1130	"	1010.6	1009.0	-	30.5	23.1	18.5	22.5	53	-	3.2	-	13.9	0	75	273	24	34	35	31	9	34	100	81	17	0
	1430	"	1008.3	1006.7	-	30.9	23.8	19.7	23.8	55	-	3.0	-	17.5	0	119	241	20	13	7	2	0	21	127	170	5	0
	1730	"	1007.7	1006.1	-	29.0	23.5	20.2	24.4	61	-	3.1	-	10.8	0	103	261	46	5	2	0	1	16	87	207	1	0
	2030	"	1009.3	1007.6	-	26.6	22.8	20.7	24.9	71	-	2.4	-	11.2	0	37	286	91	12	3	0	1	29	72	115	42	0
	2330	"	1009.9	1008.3	-	25.0	22.1	20.3	24.5	76	-	2.5	-	6.8	0	30	189	23	37	13	2	6	33	60	45	146	0
Bombay	0830	11	1010.5	1009.2	0.0	26.1	23.0	21.5	25.9	76	0	3.2	-0.2	8.4	0	12	346	41	63	84	34	14	36	48	35	7	3
	1130	"	1010.7	1009.5	-	29.5	24.1	21.1	25.6	62	-	2.7	-	10.0	0	25	332	20	35	51	32	14	45	66	82	8	12
	1730	"	1007.7	1006.5	-	28.6	24.3	22.3	27.1	69	-	2.9	-	14.1	0	64	301	33	1	1	1	2	38	101	188	0	0
Alibag	0830	7	1010.6	1009.8	+0.3	25.5	22.6	21.0	25.5	76	+3	3.1	-0.6	9.9	1	58	265	61	49	57	30	17	35	37	34	41	4
Bhira	0830	96	1010.2	999.3	-	24.1	20.6	18.2	22.0	73	-	3.1	-	2.0	0	0	159	19	25	4	32	10	38	10	21	206	0
	1730	"	1006.6	995.9	-	31.0	23.1	18.2	22.0	52	-	3.3	-	2.4	0	0	231	3	6	3	22	18	109	32	38	134	0
Harnai	0830	20	1010.3	1008.0	+0.6	26.6	23.2	21.4	26.1	75	+2	4.1	+0.4	11.1	0	76	235	55	48	74	26	31	12	41	24	54	0
	1730	"	1007.5	1005.3	-	28.0	25.4	24.2	30.4	81	-	3.7	-	23.8	0	232	131	124	1	0	2	11	10	83	132	2	0
Ratnagiri	0830	35	1010.4	1006.4	0.0	25.5	22.6	20.9	25.3	77	-	3.8	-	6.6	0	18	299	13	46	103	69	15	2	59	10	48	0
	1730	"	1007.7	1003.8	-	28.9	24.6	22.5	27.5	68	-	3.5	-	11.0	0	24	339	12	3	2	4	3	37	165	137	2	0
Devgarh	0830	36	1010.5	1006.4	+0.4	25.6	23.1	21.8	26.5	80	+1	3.9	-0.3	12.3	1	64	278	30	32	152	29	8	11	42	39	22	0
	1730	"	1007.7	1003.7	-	29.0	25.2	23.3	29.0	73	-	3.5	-	23.5	2	225	137	5	2	7	0	6	17	82	245	1	0
Vengurla	0230	9	1009.5	1008.5	-	24.0	22.5	21.8	26.3	88	-	3.2	-	#	-	-	-	38	4	0	4	3	14	30	10	262	0
	0530	"	1009.0	1008.0	-	23.3	22.1	21.4	25.8	89	-	3.5	-	#	-	-	-	80	10	8	10	3	15	33	11	195	0
	0830	"	1011.0	1010.0	+0.5	25.1	22.8	21.5	26.0	81	+1	3.4	-0.6	#	-	-	-	63	20	16	7	8	19	34	14	184	0
	1130	"	1011.0	1010.0	-	29.9	24.1	20.8	25.3	61	-	3.1	-	#	-	-	-	16	17	28	21	27	108	99	19	30	0
	1730	"	1008.1	1007.1	-	28.8	24.5	22.3	27.3	70	-	3.9	-	#	-	-	-	1	5	1	4	6	55	222	62	9	0
	2330	"	1010.4	1009.4	-	25.0	23.2	22.3	27.2	85	-	3.4	-	#	-	-	-	80	8	1	4	7	15	41	25	184	0
Panjim	0530	57	1008.5	1002.0	-	24.0	22.4	21.5	26.0	86	-	3.5	-	8.1	#	-	-	26	66	98	25	9	15	33	16	77	0
	0830	"	1010.4	1004.0	-	25.0	22.7	21.4	25.7	81	-	4.2	-	7.7	#	-	-	20	68	80	32	7	17	34	19	87	1
	1130	"	1010.5	1004.2	-	29.4	23.7	20.5	24.8	61	-	3.9	-	11.7	#	-	-	17	28	34	34	15	46	129	42	20	0
	1430	"	1008.2	1001.9	-	30.2	24.3	21.1	25.5	61	-	3.9	-	17.2	#	-	-	4	13	17	13	3	68	190	49	8	0
	1730	"	1007.5	1001.1	-	28.8	24.1	21.8	26.3	68	-	4.2	-	15.7	#	-	-	9	4	3	4	4	41	173	122	5	0
	2030	"	1009.2	1002.8	-	26.6	23.7	22.2	26.8	77	-	3.5	-	9.2	#	-	-	104	24	4	4	9	26	54	131	49	0
	2330	"	1009.9	1003.5	-	25.7	23.3	22.0	26.7	80	-	3.2	-	7.9	#	-	-	63	76	27	13	5	23	36	49	73	0
Mormugao	0530	62	1008.4	1001.4	-	25.1	22.9	21.7	26.3	82	-	3.8	-	#	-	-	-	39	68	88	36	13	36	41	24	20	0
	0830	"	1010.1	1003.2	-	26.4	23.3	21.5	26.1	76	-	4.1	-	#	-	-	-	36	80	78	39	12	47	37	22	12	2
	1130	"	1010.2	1003.3	-	28.6	23.8	21.2	25.7	67	-	3.7	-	#	-	-	-	11	32	40	15	20	82	78	80	4	3
	1730	"	1007.3	1000.4	-	28.3	24.3	22.3	27.3	71	-	4.1	-		-	-	-	8	2	7	4	12	79	135	115	2	1
Dabolim (N.A.S.)	0530	52	1009.1	1003.2	-	24.5	22.7	21.6	26.2	85	-	4.3	-	12.1	1	66	195	39	79	41	14	12	28	36	13	103	0
	0830	"	1011.0	1005.2	-	26.0	23.0	21.3	25.8	77	-	4.6	-	12.9	1	64	225	39	73	59	27	14	31	32	15	75	0
	1130	"	1011.1	1005.3	-	29.0	23.8	20.9	25.3	65	-	4.2	-	19.2	0	124	234	23	24	30	22	46	72	83	58	7	0
	1730	"	1008.1	1002.3	-	28.6	24.2	22.0	26.7	69	-	4.5	-	24.3	0	243	119	23	7	3	2	9	63	141	114	3	0
#	2330	"																									

Data not available for complete year, hence no annual means. (d) Data for 361 days. (f) Data for 359 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MADHYA MAHARASHTRA																											
Nandurbar	0830	206	1010.5	987.1	-	25.0	19.7	15.5	19.1	59	-	1.4	-	8.3	0(f)	22(f)	327	11	9	106	1	3	5	220	0	10	0
	1730	"	1006.2	983.5	-	32.3	21.7	14.4	17.7	39	-	1.4	-	5.3	0(g)	10	314	31	2	48	0	3	3	240	4	34	0
Jalgaon	0830	201	1010.6	987.7	+0.5	23.5	18.0	13.4	17.1	57	-6	3.4	+0.6	13.4	0	75	268	3	14	78	36	8	38	113	53	22	0
	1730	"	1005.7	983.6	-	33.5	20.7	10.5	14.3	30	-	3.8	-	16.7	0	128	199	28	21	49	12	12	28	81	96	38	0
Malegaon	0830	437	1010.5	961.4	+0.2	22.8	17.5	13.2	16.3	58	0	3.1	+0.4	7.6	0	16	344	31	25	7	6	4	63	114	110	5	0
	1730	"	1005.4	957.8	-	31.7	20.6	14.0	15.5	36	-	3.9	-	11.8	0	59	295	71	48	39	12	9	22	81	72	11	0
Ozar	0830	608	#	#	-	22.4	17.7	14.3	17.3	63	-	2.5	-	12.1	0(v)	89	198	21(b)	27	22	7	4	29	106	72	26	0
	1130	"	#	#	-	28.8	19.7	13.4	16.4	43	-	2.5	-	18.3	0(c)	137	167	11(w)	16	40	57	12	25	77	57	2	10
	1730	"	#	#	-	29.8	20.1	13.6	16.6	42	-	2.8	-	20.9	0(x)	181	119	13(y)	19	30	23	9	27	103	78	0	1
Devlali (A)	# 0830	573																									
	# 1730	"																									
Ahmednagar	0830	657	1010.6	937.8	+0.1	22.6	17.1	13.0	16.0	58	+2	3.8	+1.2	6.7	0	4	297	23	28	4	19	10	57	16	143	64	1
	1730	"	1004.8	934.3	-	30.7	19.9	12.5	15.4	37	-	4.8	-	12.0	0	55	291	14	105	1	28	3	73	10	110	19	2
Poona (A)	0230	593	1009.3	942.9	-	20.9	17.2	14.6	17.4	70	-	2.4	-	9.8	0	49	214	0	11	15	5	1	28	187	16	102	0
	0530	"	1009.5	942.9	-	19.6	16.8	14.5	17.4	75	-	2.0	-	9.6	0	46	206	4	21	15	1	1	35	158	17	113	0
	0830	"	1010.8	944.6	-	22.0	17.7	14.5	17.2	65	-	3.4	-	11.6	0	81	188	3	20	26	4	2	53	151	10	96	0
	1130	"	1009.3	944.6	-	28.5	19.4	13.1	16.1	43	-	3.3	-	19.5	0	175	170	7	32	101	24	4	39	111	25	20	2
	1730	"	1005.6	941.3	-	29.5	19.7	13.6	15.8	42	-	3.9	-	23.1	0	230	122	9	28	57	9	8	42	169	27	13	3
	2330	"	1010.0	944.0	-	22.5	18.0	14.8	17.7	65	-	2.7	-	13.6	0	78	252	3	16	22	6	1	43	217	21	35	1
Poona	0530	559	1009.9	946.7	-	18.6	16.0	14.0	16.9	76	-	2.5	-	1.9	0	3	95	0	0	6	0	0	2	90	0	267	0
	0830	"	1011.0	948.6	+0.3	22.3	18.0	15.0	17.9	65	-4	3.1	0	2.7	0	4	137	0	3	8	2	0	2	117	9	2.4	0
	1130	"	1009.3	948.2	-	28.5	19.5	14.0	16.9	45	-	3.0	-	7.4	0	20	280	7	22	91	19	3	4	129	25	65	0
	1430	"	1006.1	945.7	-	30.5	20.3	13.4	16.3	39	-	3.8	-	8.8	0	31	284	12	13	70	19	1	4	169	27	50	0
	1730	"	1005.9	945.1	-	29.3	20.1	14.6	16.8	44	-	3.8	-	8.2	0	30	255	4	7	46	4	1	12	174	37	80	0
	2030	"	1009.0	947.2	-	24.7	19.0	15.2	18.0	59	-	2.5	-	5.7	0	12	233	2	0	9	2	0	2	222	8	120	0
	2330	"	1010.2	947.8	-	22.0	17.8	14.8	17.6	66	-	2.5	-	3.4	0	8	158	0	0	8	1	0	2	151	4	199	0
Jeur	0830	521	1010.3	952.2	+0.4	23.3	17.5	14.1	17.1	59	-4	3.3	+0.3	8.1	0	33	259	30	31	27	12	13	21	88	70	73	0
	1730	"	1004.5	948.3	-	32.1	20.1	12.1	15.0	33	-	4.1	-	12.5	0	85	270	20	43	62	24	15	26	94	71	10	0
Baramati	0830	551	1010.7	949.3	+0.5	22.7	18.2	15.2	18.1	64	-1	2.5	-0.7	8.4	0	20	319	48	18	38	21	6	24	101	83	26	0
	1730	"	1005.0	945.6	-	31.2	21.3	15.5	18.3	42	-	3.1	-	14.5	0(a)	101	260	33(g)	18	57	44	32	36	99	42	3	0
Sholapur	0530	479	1009.1	955.5	-	22.2	17.7	14.5	17.3	64	-	2.7	-	5.7	0	1	312	23	49	30	48	12	63	36	52	52	0
	0830	"	1010.8	957.6	+0.7	25.2	19.3	15.5	18.4	57	+1	2.9	0.0	7.7	0	3	310	2	82	3	90	0	94	8	84	2	0
	1130	"	1009.1	956.8	-	30.6	21.0	15.3	17.9	42	-	3.2	-	11.1	0	29	328	50	45	15	77	26	49	50	45	8	0
	1730	"	1004.9	953.1	-	32.1	20.8	13.8	16.5	37	-	3.8	-	10.3	0	42	311	53	42	42	43	9	66	45	53	12	0
	2330	"	1009.1	956.1	-	25.7	18.8	14.0	16.8	52	-	3.0	-	9.0	0	10	331	19	49	56	46	14	58	60	39	24	0
Miraj	0830	554	1011.2	949.5	+0.4	22.7	18.8	16.3	19.1	69	0	4.0	+0.3	*	*	*	*	4	1	36	0	0	3	87	15	219	0
	1730	"	1005.8	945.9	-	30.5	20.6	14.4	17.2	42	-	4.8	-	-	-	-	-	3	4	72	9	2	8	159	18	90	0
Kolhapur	0530	570	1009.3	945.4	-	20.1	17.8	16.1	19.0	80	-	2.9	-	5.9	0	12	259	1	3	79	5	6	12	157	7	94	1
	0830	"	1010.8	947.4	+0.3	22.7	18.9	16.3	19.2	69	-4	2.8	-0.4	5.1	0	6	262	2	13	85	5	1	3	147	12	97	0
	1130	"	1009.4	947.3	-	28.7	20.5	15.3	18.3	48	-	2.7	-	9.5	0	32	316	6	26	127	20	7	8	134	20	17	0
	1730	"	1005.9	944.0	-	28.9	20.7	15.6	18.6	50	-	3.5	-	13.1	0	52	309	4	13	101	8	3	8	198	26	4	0
	2330	"	1010.0	946.7	-	22.5	19.2	17.0	19.9	73	-	2.7	-	8.6	0	30	299	3	3	54	10	4	16	221	18	36	0
MARATHWADA																											
Aurangabad	0830	581	1010.7	946.3	+0.2	24.5	17.7	12.6	15.8	52	-4	2.9	-0.3	9.1	0	58	226	29	22	79	3	6	21	110	14	81	0
	1730	"	1005.2	942.6	-	31.2	19.4	10.9	13.9	34	-	3.7	-	6.4	0	9	285	44	30	37	1	7	14	129	32	71	0

(a) Data for 364 days. * Data not available. # Data not available for complete year, hence no annual means. (f) Data for 359 days. (v) Data for 313 days.
(w) Data for 307 days. (x) Data for 300 days. (y) Data for 303 days. (A) Aerodrome. (b) Data for 314 days. (c) Data for 306 days. (g) Data for 358 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MARATHWADA (Contd.)																											
Aurangabad (Chikalthana)	0230	579	1008.8	944.0	-	20.8	15.5	10.9	14.3	57	-	2.6	-	6.5	0	21	154	13	2	4	5	1	5	114	31	190	0
	0530	"	1009.3	944.2	-	19.3	14.8	11.0	14.3	62	-	2.8	-	5.0	0	5	145	9	1	4	1	0	5	110	20	215	0
	0830	"	1010.2	946.0	-	24.1	17.4	12.3	15.4	52	-	3.0	-	9.2	0	28	203	21	8	22	10	0	11	116	43	134	0
	1130	"	1008.9	945.9	-	29.5	19.4	11.8	15.0	38	-	3.0	-	14.9	0	33	315	36	31	65	45	14	15	98	44	17	0
	1430	"	1005.5	943.1	-	31.6	19.7	11.1	14.4	33	-	3.9	-	14.1	0	26	315	36	35	48	23	10	21	118	50	24	0
	1730	"	1004.8	942.3	-	31.0	19.3	10.8	13.9	33	-	4.1	-	13.1	0	39	279	47	28	42	18	0	14	113	56	47	0
	2030	"	1008.0	944.3	-	25.5	17.4	11.2	14.3	45	-	2.8	-	7.7	0	17	169	27	5	7	5	3	10	100	29	179	0
	2330	"	1009.5	945.0	-	22.7	16.2	11.1	13.9	52	-	2.6	-	8.0	0	14	180	14	7	9	5	2	6	115	36	171	0
Parbhani	0830	423	1010.8	963.4	+1.3	24.0	17.6	12.0	15.4	51	-9	2.7	-0.5	5.4	0	3	312	21	49	21	29	5	30	86	74	50	0
	1730	"	1005.2	959.3	-	32.2	20.0	9.9	13.7	31	-	3.9	-	8.4	0	17	318	29	76	40	25	9	13	81	62	30	0
Nander	0830	358	1010.2	970.1	-	25.7	20.0	16.2	19.1	59	-	2.6	-	3.7	0 (g)	0	195	7	16	2	18	4	50	82	23	163	0
	1730	"	1005.7	966.6	-	32.3	22.3	16.1	19.1	41	-	3.4	-	4.9	0 (j)	0	262	14	63	18	22	5	49	40	61	93	0
Bir	0830	519	1011.4	953.5	-	23.4	18.8	15.8	18.7	64	-	2.4	-	7.2	0	27	255	2	26	0	36	4	77	2	135	83	0
	1730	"	1006.0	949.8	-	31.2	21.1	15.0	17.9	41	-	3.4	-	7.9	0	17	305	4	107	2	32	1	62	5	109	43	0
VIDARBHA																											
Gondia	0830	313	1010.1	974.8	+0.7	24.4	19.3	15.6	18.8	61	-5	2.9	-0.3	3.1	0	0	287	44	48	16	27	31	51	22	44	78	4
	1730	"	1005.5	971.1	-	30.7	21.1	14.3	17.5	42	-	3.1	-	3.3	0	1	283	80	17	17	3	40	39	53	35	81	0
Nagpur (Sonegaon)	0230	310	1007.7	972.6	-	22.0	17.4	13.5	16.7	63	-	2.9	-	4.8	0	10	259	59	24	13	7	9	45	43	69	96	0
	0530	"	1008.4	973.1	-	20.7	16.9	13.5	16.7	67	-	3.3	-	4.3	0	5	243	56	26	9	3	7	29	36	82	117	0
	0830	"	1010.0	975.1	+0.5	24.8	18.6	13.7	17.1	55	-4	3.1	0.0	7.5	0	27	286	72	97	26	7	8	32	49	62	52	0
	1130	"	1008.8	974.6	-	30.6	20.6	13.1	16.4	39	-	3.2	-	10.0	0	43	293	31	50	62	34	13	29	53	62	29	2
	1430	"	1005.7	971.7	-	32.5	20.9	11.9	15.6	34	-	4.0	-	8.9	0	37	294	35	41	42	31	15	30	63	73	34	1
	1730	"	1005.2	971.1	-	30.7	20.4	12.3	16.1	39	-	4.1	-	7.8	0	35	268	32	36	57	28	19	27	58	46	62	0
	2030	"	1007.7	973.0	-	25.7	18.9	13.5	16.9	53	-	3.2	-	4.9	0	9	263	22	31	47	40	21	31	34	46	93	0
	2330	"	1008.5	973.5	-	23.6	18.2	13.7	17.0	59	-	3.0	-	5.2	0	12	258	44	38	16	13	9	38	46	66	95	0
Amraoti	0830	370	1010.2	968.8	+0.7	25.3	18.1	11.7	15.3	48	-7	2.7	-0.2	4.8	0	1	349	17	107	45	11	9	48	89	24	15	0
	1730	"	1005.2	964.9	-	31.7	19.9	10.3	14.0	32	-	3.4	-	5.7	0	9	343	53	35	28	35	30	40	63	68	13	0
Akola Aerodrome	0530	309	1007.8	972.7	-	21.6	16.5	11.7	15.2	58	-	3.0	-	10.9	0	12	345	30	37	50	15	19	65	83	58	8	0
	0830	"	1009.5	974.7	-	24.5	18.2	12.9	16.4	53	-	3.3	-	10.5	0	15	344	25	52	50	16	10	44	93	69	6	0
	1130	"	1008.6	974.5	-	30.2	20.6	13.2	16.3	39	-	3.1	-	12.4	0	23	337	30	49	48	16	17	34	73	93	5	0
	1730	"	1004.4	970.6	-	32.5	20.6	11.4	15.0	33	-	4.1	-	11.7	0	35	322	45	53	27	9	13	35	84	91	8	0
	2330	"	1007.7	973.1	-	25.4	18.1	11.6	15.1	48	-	2.9	-	11.0	0	14	344	26	43	46	31	31	46	73	62	7	0
Akola	0830	282	1010.1	978.3	+0.3	24.4	18.7	14.2	17.6	57	+1	2.8	-0.2	1.4	0	0	197	0	16	20	6	1	2	147	5	168	0
	1730	"	1004.7	974.0	-	33.1	21.5	13.3	16.5	35	-	4.1	-	1.6	0	0	237	3	24	32	4	1	12	127	34	128	0
Bramhapuri	0830	229	1010.2	984.3	-	24.4	19.7	16.4	19.6	64	-	2.9	-	5.5	0	4	329	53	58	34	34	54	33	49	16	32	2
	1730	"	1005.5	980.3	-	31.6	21.7	14.8	18.1	42	-	3.2	-	5.5	0	2	341	50	77	37	29	44	36	34	36	22	0
Buldana	0830	650	1009.9	938.1	+0.8	23.5	17.3	12.5	15.5	54	-7	2.8	-0.6	10.8	0	36	309	34	5	27	43	43	47	26	120	20	0
	1730	"	1004.7	934.7	-	30.0	19.1	11.1	14.2	36	-	3.9	-	6.9	0	10	336	54	58	17	20	3	45	10	139	19	0
Yeotmal	0830	451	1009.5	959.2	+0.4	25.1	18.1	11.9	15.5	49	-10	3.3	-0.3	10.7	0	49	308	42	16	91	9	33	15	131	20	8	0
	1730	"	1004.7	955.6	-	31.0	19.8	10.2	14.2	35	-	3.8	-	8.4	0	23	338	80	36	65	9	26	23	95	27	4	0
Chanda	0830	193	1009.8	987.9	0.0	24.6	19.8	16.4	19.6	64	+2	3.2	+0.3	7.0	0	24	304	24	28	33	36	35	32	65	75	37	0
	1730	"	1005.3	983.9	-	31.9	21.9	15.0	18.4	42	-	3.8	-	6.5	0	10	346	32	83	69	32	23	24	53	40	9	0
Pusad	0830	334	xx	xx	-	xx	xx	xx	xx	xx	-	xx	-	7.4	0	24	270	21	23	12	10	15	57	42	114	71	0
	1730	"	xx	xx	-	xx	xx	xx	xx	xx	-	xx	-	8.8	0	18	333	18	90	16	29	8	78	24	88	14	0

(g) Data for 358 days. (j) Data for 355 days. xx - Data rejected.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	At station level	Departure from normal	Mean Temperature °C: Dry Bulb	Wet Bulb	Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (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
VIDARBHA (Contd.)																											
Sironcha	0830	123	1010.7	996.7	+0.8	25.5	21.3	18.7	22.3	68	-4	3.2	-0.4	3.0	0	1	336	21	52	6	147	8	59	5	39	28	0
	1730	"	1005.9	992.3	-	32.4	22.8	16.8	20.1	43	-	3.7	-	5.1	0	0	332	19	84	13	82	19	47	21	47	23	0
COASTAL ANDHRA PRADESH																											
Kalingapatnam	0830	6	1010.0	1009.3	+0.6	26.6	23.9	22.6	27.9	79	+1	3.4	+0.1	9.9	0	39	317	53	18	2	4	63	84	14	73	9	45
	1730	"	1007.0	1006.3	-	28.1	25.0	23.5	29.3	76	-	3.6	-	(a) 14.0	0	75	288	16	23	13	35	86	87	5	4	1	94
Vishakhapatnam	0230	3	1007.9	1007.5	-	25.0	23.0	22.0	27.0	84	-	3.0	-	3.4	0	7	114	11	9	8	6	1	31	42	13	244	0
	0530	"	1008.3	1007.9	-	24.4	22.5	21.6	26.2	85	-	3.4	-	2.9	0	9	96	10	9	5	2	1	18	45	15	260	0
	0830	"	1010.0	1009.6	+0.4	27.6	23.6	21.5	26.0	70	-6	3.8	-0.5	7.4	0	26	199	13	31	16	4	3	63	67	28	140	0
	1130	"	1009.3	1008.9	-	31.2	24.3	20.6	24.9	55	-	4.0	-	12.7	0	66	263	8	33	46	50	20	109	37	24	36	2
	1430	"	1006.8	1006.4	-	31.3	24.3	20.4	24.7	55	-	3.9	-	16.9	0	106	254	1	7	54	94	46	125	19	13	5	1
	1730	"	1006.9	1006.5	-	28.7	24.0	21.5	26.1	66	-	4.2	-	12.6	0	39	303	3	4	58	73	43	127	21	12	23	1
	2030	"	1009.0	1008.6	-	26.6	23.8	22.3	27.3	76	-	3.1	-	5.8	0	11	192	6	13	36	21	11	74	28	13	162	1
	2330	"	1009.2	1008.8	-	25.9	23.5	22.2	27.2	81	-	3.1	-	3.8	0	6	147	6	8	12	10	2	53	40	22	212	0
Kakinada	0830	8	1010.3	1009.4	+0.4	26.9	23.9	22.4	27.5	77	+2	4.0	-0.2	10.4	0	26	333	1	152	4	54	3	122	3	20	6	0
	1730	"	1006.8	1005.8	-	29.6	24.5	22.1	26.9	65	-	3.7	-	13.9	0	78	286	0	66	4	185	11	88	3	7	1	0
Nidadavole	0830	13	1010.3	1008.9	-	26.1	23.5	22.1	27.0	79	-	4.4	-	7.8	0	29	317	42	118	35	6	10	47	55	32	19	1
	1730	"	1006.5	1005.1	-	30.3	24.7	21.4	25.9	61	-	4.2	-	8.9	0	25	333	3	18	56	88	38	82	31	42	7	0
Rantachintala	0830	106	1010.3	998.3	-	26.9	22.7	20.4	24.2	68	+1	3.5	-1.3	1.8	0	0	240	1	0	37	4	71	10	116	1	125	0
	1730	"	1005.9	994.2	-	33.1	23.4	17.9	21.0	43	-	3.9	-	1.9	0	0	275	34	0	103	0	36	0	102	0	90	0
Gannavaram	0230	24	1007.9	1005.1	-	24.6	22.9	22.0	26.7	86	-	3.1	-	6.2	0	11	240	49	20	60	12	222	33	37	18	114	0
	0530	"	1008.3	1005.6	-	24.1	22.6	21.8	26.4	88	-	3.7	-	6.4	0	10	259	48	22	68	18	16	33	45	19	96	0
	0830	"	1010.3	1007.6	+0.8	27.1	23.7	21.9	26.5	74	-1	4.1	0.0	11.7	0	40	303	18	22	107	28	39	39	60	30	22	0
	1130	"	1009.6	1006.9	-	31.2	24.1	20.5	24.3	55	-	4.1	-	14.7	0	82	275	14	2	97	50	59	34	63	38	8	0
	1430	"	1006.7	1004.0	-	32.7	23.9	19.2	22.7	47	-	4.2	-	14.9	0	91	268	18	5	89	76	62	20	47	42	6	0
	1730	"	1006.5	1003.9	-	30.9	23.9	20.1	24.0	55	-	4.2	-	12.4	0	68	286	15	0	79	81	92	15	35	37	11	0
	2030	"	1008.8	1006.0	-	27.0	23.5	21.7	26.2	75	-	3.1	-	7.8	0	12	293	13	1	87	66	84	23	26	5	60	0
	2330	"	1009.2	1006.4	-	25.5	23.2	22.1	26.8	82	-	3.1	-	5.9	0	6	249	30	10	75	31	44	30	25	10	110	0
Nagarjunakonda (R)																											
Masulipatam	0830	3	1010.3	1010.0	+0.3	26.7	23.8	22.4	27.2	78	0	5.3	+1.6	(a) 3.5	0	0	336	29	52	54	15	52	58	49	15	28	12
	1730	"	1007.0	1006.7	-	29.5	24.7	22.4	27.3	67	-	5.3	-	(a) 4.4	0	0	359	16	6	122	77	20	49	23	19	5	27
Ongole	0830	12	1010.2	1008.9	-	28.4	24.9	23.3	28.6	75	-	4.2	-	(a) 4.0	0	0	317	23	77	11	66	2	20	92	26	47	0
	1730	"	1006.6	1005.3	-	30.8	25.6	23.2	28.8	66	-	3.6	-	4.7	0	0	350	10	33	131	88	1	22	24	41	15	0
Nellore	0530	20	1008.5	1006.3	-	24.9	23.3	22.5	27.3	87	-	5.0	-	2.8	0	4	222	5	44	19	52	5	27	56	18	139	0
	0830	"	1010.3	1008.1	+0.3	27.5	24.3	22.8	27.8	76	+3	5.5	+1.2	6.6	0	16	302	5	20	6	74	14	29	88	82	47	0
	1130	"	1009.8	1007.6	-	31.7	25.3	22.3	27.1	59	-	5.2	-	8.0	0	23	336	15	57	47	71	11	33	81	44	6	0
	1730	"	1007.0	1004.7	-	30.8	25.6	22.9	28.2	65	-	5.5	-	9.7	0	17	347	2	119	29	100	0	75	21	18	1	0
	2330	"	1009.5	1007.3	-	26.5	24.3	23.4	28.9	84	-	4.6	-	3.6	0	7	263	5	54	33	75	4	27	57	15	95	0
TELANGANA																											
Ramagundam	0830	156	1010.0	992.3	+0.5	25.7	21.0	18.1	21.4	65	0	2.8	-0.9	3.6	0	1	266	32	25	14	63	36	24	52	21	98	0
	1730	"	1005.5	988.2	-	32.9	22.5	16.0	19.0	40	-	3.3	-	3.5	0	0	341	46	85	35	47	26	32	38	32	24	0
Nizamabad	# 0830	381																									
	# 1730	"																									
Hanamkonda	0830	269	1010.4	979.8	0.0	25.3	21.5	19.2	22.6	70	+3	2.7	-0.9	1.9	0	0	312	43	2	8	10	141	7	91	10	53	0
	1730	"	1006.7	977.3	-	32.6	22.0	15.6	18.7	41	-	2.5	-	1.9	0	0	359	153	17	6	54	54	4	50	21	6	0

(R) Returns not received. # Data not available for complete year, hence no annual means. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in 8-p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
TELANGANA (Contd.)																											
Hakimpet (A)	0530	613	1008.7	940.6	-	21.5	18.8	17.1	20.0	78	-	3.9	-	12.7	0	69	264	9	15	49	90	26	28	86	30	32	0
	0830	"	1009.7	942.1	-	24.5	20.3	17.7	20.8	69	-	4.5	-	15.7	0	98	254	20	19	27	99	24	25	81	57	13	0
	1130	"	1008.5	942.0	-	29.1	21.3	16.7	19.7	50	-	4.3	-	19.2	0	136	223	30	24	49	70	24	30	69	59	6	4
	1730	"	1005.6	939.4	-	29.5	20.9	15.7	18.4	47	-	4.6	-	15.1	0	65	285	39	44	80	77	12	16	58	42	15	2
	2330	"	1008.6	941.2	-	24.0	19.4	16.6	19.4	65	-	3.2	-	12.1	0	51	278	8	34	55	104	19	39	48	21	36	1
Bhadrachalam	0830	111	1009.8	997.3	-0.1	25.2	22.7	20.9	25.1	74	-1	3.9	-0.5	2.0	0	0	330	1	175	2	59	2	26	0	65	35	0
	1730	"	1005.7	993.1	-	32.0	23.4	18.3	22.0	48	-	4.1	-	3.0	0	0	362	5	212	1	55	3	20	0	66	3	0
Hyderabad (Begumpet)	0230	545	1008.2	947.6	-	22.5	18.5	15.8	18.5	69	-	3.0	-	7.9	0	50	222	14	15	41	76	9	15	76	26	93	0
	0530	"	1008.8	947.9	-	21.1	18.0	16.0	18.6	75	-	3.5	-	7.2	0	38	222	14	13	33	49	10	16	81	43	105	1
	0830	"	1010.4	949.9	+0.6	24.1	19.2	16.2	18.9	64	-4	4.6	+1.1	10.7	0	79	221	22	10	21	65	20	25	71	66	65	0
	1130	"	1008.9	949.6	-	29.4	20.3	15.4	17.3	44	-	4.1	-	14.8	0	91	274	27	36	42	71	26	30	60	70	0	3
	1730	"	1005.2	946.3	-	30.3	20.0	13.3	16.0	39	-	4.5	-	12.3	0	49	313	41	51	60	76	20	28	51	33	3	2
	2330	"	1009.0	948.8	-	24.0	18.9	15.7	18.5	63	-	3.3	-	8.3	1	37	253	16	52	37	79	6	22	53	26	74	0
Khammam	0830	112	1010.5	997.6	-	26.0	22.8	21.1	25.3	75	-	4.9	-	3.7	0	0	261	27	10	41	53	46	30	38	16	104	0
	1730	"	1005.7	993.4	-	32.7	23.2	17.9	20.9	45	-	4.7	-	(a) 3.4	0	2	294	42	9	81	40	36	13	50	25	68	0
Mahbubnagar	0830	505	1010.0	954.1	-	25.4	19.9	16.6	19.4	61	-	4.2	-	9.0	0	6	345	13	35	94	19	6	57	52	75	14	0
	1730	"	1005.2	950.4	-	30.7	23.3	13.7	16.5	39	-	4.8	-	6.4	0	3	348	20	58	103	28	16	33	61	32	14	0
RAYALASEEMA																											
Kurnool	0830	281	1010.7	979.1	+0.5	25.4	21.1	18.6	21.7	67	+2	3.5	+0.2	9.3	0	47	311	1	26	0	46	0	143	12	129	7	1
	1730	"	1004.6	973.5	-	32.5	22.3	16.1	18.7	40	-	4.0	-	8.8	0	47	297	12	37	10	52	11	47	67	87	21	21
Nandyal	(R) 0830																										
	(R) 1730																										
Anantapur	0530	350	1008.9	969.4	-	22.9	20.0	18.3	21.8	76	-	3.3	-	6.4	0	22	171	0	4	60	6	5	18	95	5	172	0
	0830	"	1010.5	971.4	+0.7	25.6	21.4	18.9	22.1	67	+1	3.8	+0.2	9.7	0	51	210	2	14	58	11	8	39	120	9	104	0
	1130	"	1009.2	970.7	-	30.4	22.3	17.5	20.3	48	-	3.7	-	13.0	0	66	255	12	34	98	23	4	23	102	25	44	0
	1430	"	1005.8	967.7	-	32.7	22.6	16.6	19.2	40	-	4.3	-	13.7	0	75	250	15	53	116	15	0	11	95	20	40	0
	1730	"	1005.2	967.1	-	31.9	22.5	16.8	19.5	43	-	4.4	-	14.1	0	77	247	9	66	116	8	1	13	84	27	41	0
	2030	"	1008.0	969.3	-	28.4	21.6	17.5	20.4	54	-	3.1	-	11.8	0	65	213	1	20	143	12	2	6	83	11	87	0
	2330	"	1009.3	970.2	-	26.4	21.0	17.7	20.7	61	-	2.8	-	15.3	0	104	210	1	7	141	33	5	11	103	13	51	0
Cuddapah	0830	130	1010.9	996.2	+0.4	27.1	22.8	20.5	24.3	68	+2	3.2	-0.4	1.8	0	0	142	0	1	53	0	0	0	88	0	223	0
	1730	"	1006.2	991.8	-	32.6	24.1	19.6	23.2	49	-	3.8	-	3.5	0	0	257	0	6	159	5	0	1	77	9	108	0
Arogyavaram	0830	701	1010.7	933.6	-	23.4	19.9	17.8	20.7	72	-	3.8	-	7.1	0	7	326	10	15	6	59	29	26	3	183	32	2
	1730	"	1005.6	930.2	-	28.7	20.9	16.3	19.1	50	-	4.4	-	10.2	0	15	349	29	66	87	27	12	8	45	89	1	1
MADRAS STATE (Including Pondicherry)																											
Madras	0830	6	1010.6	1009.9	-	27.8	24.3	22.6	27.5	74	-	4.9	-	6.3	0	9	278	19	34	14	41	19	47	95	14	78	4
	1730	"	1007.1	1006.5	-	29.0	24.5	22.8	28.0	71	-	4.4	-	(a) 6.7	0	1	317	18	58	59	122	34	14	9	3	46	1
Madras (Minambakkam)	0230	16	1008.2	1006.6	-	25.5	23.5	22.5	27.5	85	-	3.7	-	6.5	0	8	272	22	14	7	30	60	48	60	39	85	0
	0530	"	1008.7	1006.9	-	24.9	23.1	22.2	26.9	86	-	4.3	-	6.2	0	10	259	18	10	5	10	48	54	85	39	96	0
	0830	"	1010.6	1008.9	+0.4	27.4	24.0	22.3	27.1	75	+2	4.9	+0.9	9.3	0	28	309	41	11	10	9	55	72	97	42	28	0
	1130	"	1010.0	1008.2	-	30.9	24.3	21.0	25.1	57	-	5.0	-	12.3	0	68	281	39	31	59	17	48	26	101	27	16	1
	1430	"	1007.3	1005.6	-	31.9	24.7	21.1	25.3	55	-	4.7	-	13.9	0	74	283	33	51	84	59	25	28	53	22	8	2
	1730	"	1007.2	1005.5	-	29.6	24.6	22.1	26.9	65	-	4.7	-	13.3	0	49	312	27	61	95	95	43	18	12	10	4	0
	2030	"	1009.4	1007.7	-	27.2	24.3	22.9	28.1	78	-	3.5	-	9.7	0	29	290	41	36	46	88	71	14	10	12	46	1
	2330	"	1009.8	1008.1	-	26.3	24.0	23.0	28.2	83	-	3.5	-	8.3	0	15	301	40	33	22	69	83	29	18	22	49	0

(A) Aerodrome. (R) Returns not received. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1[illegible]

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MADRAS STATE (Including Pondicherry) (Contd.)																											
Vellore	0530	214	1009.3	984.9	-	23.3	21.3	20.2	23.8	83	-	3.5	-	1.0	0	0	69	1	4	2	5	3	8	44	2	296	0
	0830	"	1010.9	986.7	+0.6	25.4	22.1	20.4	24.1	75	0	4.6	+1.2	4.8	0	5	230	11	18	1	5	14	25	130	31	130	0
	1130	"	1010.1	986.2	-	30.1	23.2	19.5	22.9	54	-	4.7	-	6.1	0	3	345	24	68	20	13	21	52	111	39	17	0
	1730	"	1006.5	982.8	-	31.1	22.7	17.9	20.8	48	-	5.1	-	9.8	0	26	317	9	91	53	56	27	32	55	20	22	0
	2330	"	1010.2	986.1	-	25.9	22.3	20.4	24.1	73	-	3.2	-	2.6	0	0	171	6	25	33	29	25	18	28	7	194	0
Tambaram (A)	0830	29	1010.0	1006.7	-	27.8	24.8	23.4	28.8	78	-	5.0	-	12.4	0	51	284	41	15	6	9	53	79	84	48	30	0
	1730	"	1007.1	1003.9	-	29.9	24.9	22.5	27.2	66	-	4.8	-	19.9	0	155	196	20	72	102	91	23	17	21	5	14	0
Tirupattur	0830	390	1010.9	967.2	-	23.6	21.5	20.3	24.0	81	-	7.3	-	2.9	0	0	316	235	29	9	6	15	3	9	8	49	2
	1730	"	1006.3	963.4	-	29.6	22.5	18.7	21.7	54	-	7.5	-	6.7	0	2	354	191	57	34	10	36	2	23	2	9	1
Mettur Dam R.S.	0830		-	-	-	26.7	24.0	22.8	27.9	79	-	3.3	-	-	#	-	-	0	123	0	80	0	77	0	64	21	0
	1730		-	-	-	29.8	26.1	24.5	31.1	74	-	4.8	-	-	#	-	-	0	81	0	102	0	127	0	53	2	0
Cuddalore	0530	12	1008.6	1007.3	-	24.6	23.1	22.3	27.1	88	-	4.3	-	6.7	0	0	63	6	11	0	7	17	18	3	1	302	0
	0830	"	1010.7	1009.4	+0.3	27.1	24.1	22.7	27.6	78	+1	5.1	+1.1	4.9	0	0	310	20	74	1	60	15	108	7	25	55	0
	1130	"	1010.1	1008.8	-	30.7	25.1	22.4	27.4	63	-	4.8	-	8.4	0	7	353	14	101	15	91	10	92	30	7	5	0
	1730	"	1007.1	1005.8	-	29.1	25.2	23.4	29.0	73	-	4.5	-	11.2	0	44	308	1	104	24	183	8	25	1	6	13	0
	2330	"	1009.9	1008.5	-	26.7	24.3	23.1	28.4	81	-	4.2	-	4.3	0	0	221	6	57	4	76	41	35	0	2	144	0
Kallakkurichchi	0830	127	1010.6	996.2	-	26.8	23.4	21.7	26.2	75	-	4.3	-	6.2	0	5	308	69	18	3	48	8	106	8	61	52	0
	1730	"	1006.3	992.3	-	31.5	23.9	19.9	23.6	53	-	4.5	-	9.3	0	31	317	10	135	29	67	2	88	6	11	17	0
Salem	0530	278	1009.1	977.7	-	23.2	20.7	19.3	22.6	79	-	4.4	-	2.0	0	0	131	0	12	37	0	22	27	30	3	234	0
	0830	"	1010.9	979.7	+0.1	25.4	21.6	19.4	22.7	70	-5	5.0	+1.3	1.4	0	0	109	6	7	48	3	2	16	25	2	256	0
	1130	"	1009.7	979.0	-	30.1	22.3	17.9	20.8	50	-	4.8	-	7.1	0	3	340	5	38	71	19	11	36	103	17	22	43
	1730	"	1005.9	975.3	-	31.1	22.2	16.7	19.5	45	-	5.6	-	6.5	0	13	262	4	27	119	10	12	32	53	5	90	13
	2330	"	1010.0	978.8	-	25.7	21.5	18.9	22.0	67	-	4.7	-	7.5	0	11	283	2	29	139	5	18	39	57	1	71	4
Coimbatore (Pilamedu)	0530	399	1009.7	964.7	-	21.6	20.7	20.1	23.9	92	-	3.7	-	10.6	0	36	232	37	35	16	1	81	89	6	2	97	1
	0830	"	1011.4	966.7	-	24.1	21.9	20.5	24.5	81	-	4.3	-	13.4	0	74	234	37	82	18	2	89	72	3	5	57	0
	1130	"	1010.1	966.1	--	28.6	22.8	19.6	23.2	59	-	4.5	-	18.0	0	133	199	24	92	38	9	92	67	3	2	33	5
	1730	"	1006.7	962.9	-	28.8	22.5	18.6	22.1	57	-	4.9	-	23.1	0	212	149	9	87	62	8	81	104	5	4	4	1
	2330	"	1010.6	965.9	-	23.5	21.5	20.3	24.3	84	-	3.6	-	16.2	0	109	234	8	46	44	3	121	111	5	2	22	3
Coimbatore	0830	409	1011.1	965.4	+0.2	24.6	21.4	19.5	22.9	74	-5	4.9	+1.1	14.3	0	118	246	14	56	79	37	77	84	12	5	1	0
Nagapattinam	0830	9	1010.9	1009.9	+0.5	27.6	23.8	21.9	26.5	72	-2	5.2	+0.9	11.1	0	44	304	24	69	12	18	14	67	103	41	17	0
	1730	"	1007.3	1006.2	-	29.5	24.9	22.7	27.7	68	-	5.1	-	17.8	0	168	191	17	105	31	91	48	55	10	2	6	0
Tiruchchirapalli	0230	94	1008.5	998.6	-	25.0	22.6	21.3	25.4	81	-	3.9	-	13.0	0	82	215	34	78	9	10	20	17	110	19	68	0
	0530	"	1008.6	998.6	-	24.4	22.3	21.1	25.1	83	-	4.3	-	11.7	0	71	194	35	53	5	7	10	7	126	22	100	0
	0830	"	1010.5	1000.6	-0.3	26.8	23.2	21.4	25.6	73	+1	4.8	+1.1	17.8	0	148	182	55	53	10	8	13	19	150	22	35	0
	1130	"	1009.8	1000.0	-	30.8	24.1	20.6	24.5	56	-	5.0	-	20.0	0	176	177	28	89	24	14	7	25	131	35	12	0
	1430	"	1006.7	997.0	-	32.8	24.4	20.0	23.9	49	-	5.3	-	19.0	0	148	193	20	103	40	12	9	19	104	34	24	0
	1730	"	1006.4	996.6	-	31.5	24.1	20.2	23.9	53	-	5.4	-	18.1	0	146	188	10	76	82	30	16	19	78	23	31	0
	2030	"	1009.1	999.1	-	27.8	23.5	21.2	25.5	69	-	3.9	-	17.2	0	120	221	3	60	74	60	44	21	73	6	24	0
	2330	"	1010.0	1000.0	-	26.1	23.0	21.4	25.8	77	-	3.9	-	14.8	0	80	258	17	79	43	33	37	27	91	11	27	0
Vedaranniyam	0830	4	1010.7	1010.1	-	28.1	24.6	22.9	28.1	75	-	2.3	-	3.5	0	0	361	37	87	1	26	21	165	2	22	4	0
	1730	"	1007.3	1006.9	-	29.0	25.1	23.3	28.7	72	-	2.3	-	3.8	0	0	364	29	98	2	46	27	148	0	14	1	0
Atiramapattinam	0830	6	1010.4	1009.7	-	27.2	24.0	22.5	27.2	76	-	4.1	-	7.5	0	3	346	70	35	2	9	37	43	38	115	16	0
	1730	"	1007.2	1006.5	-	29.2	25.1	23.2	28.6	70	-	4.5	-	14.5	0	123	227	19	81	5	34	154	29	1	7	13	0
Madurai	0830	133	1010.4	995.5	-0.1	26.8	22.7	20.5	24.3	69	0	3.2	-1.3	5.2	0	1	331	99	41	8	7	9	13	27	123	33	5

Data not available for complete year, hence no annual means. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
MADRAS STATE (Including Pondicherry) (Contd.)																											
Madurai (A)	0530	131	1008.9	994.0	-	24.3	22.0	20.8	24.8	82	-	4.1	-	7.0	0	14	262	70	93	6	2	4	13	35	53	89	0
	0830	"	1010.8	996.0	-	27.1	23.0	20.9	24.8	70	-	4.5	-	9.9	0	23	320	103	94	14	5	5	15	41	66	22	0
	1130	"	1009.9	995.3	-	30.9	23.7	19.8	23.3	53	-	4.8	-	13.1	1	67	292	57	113	32	15	10	23	64	41	5	5
	1730	"	1006.7	992.1	-	30.9	23.5	19.5	22.9	53	-	5.2	-	16.6	0	121	237	15	99	75	38	32	12	77	10	7	0
Tondi	0830	5	1010.9	1010.9	-	27.3	24.1	22.6	27.4	76	-	4.2	-	7.1	0	6	280	114	30	13	17	40	45	16	11	79	0
	1730	"	1007.5	1006.9	-	28.9	25.5	23.9	29.7	75	-	4.6	-	22.1	0	239	122	15	78	66	68	117	10	6	1	4	0
Pamban	0830	11	1010.5	1009.2	+0.1	27.6	25.1	24.0	30.1	82	+3	5.1	+2.0	8.5	0	21	333	37	66	40	30	68	50	48	15	11	0
	1730	"	1007.5	1006.2	-	28.2	25.5	24.3	30.5	79	-	4.8	-	9.9	0	34	323	27	100	15	59	102	48	1	5	8	0
Tuticorin	0830	4	1011.0	1010.6	+0.3	27.9	23.8	21.7	26.1	71	+2	3.7	+0.1	11.2	0	69	295	93	53	9	14	20	23	117	35	1	0
	1730	"	1007.4	1007.0	-	29.7	24.5	21.9	26.5	65	-	4.7	-	23.1	0	252	113	13	55	66	55	65	12	92	7	0	0
Palayancottai	0830	51	1010.9	1005.2	+0.5	28.1	23.1	20.6	24.2	65	-2	5.2	+0.9	10.0	0	48	295	166	2	1	5	6	17	126	20	22	0
	1730	"	1007.2	1001.5	-	30.6	23.5	19.7	23.1	54	-	5.8	-	14.9	0	109	247	52	32	69	29	28	10	91	40	9	5
Kanniyakumari	0830	37	1010.6	1006.5	-	27.1	23.4	21.6	25.8	72	-	4.5	-	19.4	1	181	182	55	83	6	0	3	14	160	43	1	0
	1730	"	1007.8	1003.7	-	28.2	24.2	22.3	27.1	71	-	5.2	-	19.8	0	188	177	8	62	41	12	8	25	181	28	0	0
COASTAL MYSORE																											
Karwar	0830	4	1011.1	1010.6	+0.6	25.7	23.4	22.1	26.9	81	-1	3.6	-0.7	6.8	0	23	311	4	49	102	21	0	5	23	54	31	76
	1730	"	1008.1	1007.6	-	28.9	25.3	23.6	29.4	74	-	3.9	-	11.9	0	70	289	1	5	10	18	5	5	27	199	6	89
Honawar	0830	26	1011.1	1008.1	0	25.2	22.7	21.3	25.7	80	+1	4.9	+0.2	4.1	0	2	328	8	66	174	6	9	21	34	12	35	0
	1730	"	1008.1	1005.3	-	28.9	24.7	22.7	27.9	71	-	4.8	-	6.0	0	1	356	15	6	22	0	36	35	176	67	8	0
Mangalore (Bajpe)	0230	102	1009.2	997.7	-	24.3	23.1	22.4	27.2	89	-	4.1	-	3.9	0	10	163	5	20	80	14	2	2	30	15	192	5
	0530	"	1009.3	997.6	-	23.7	22.5	21.9	26.5	90	-	4.4	-	4.8	0	9	212	5	19	124	29	2	1	26	12	144	3
	0830	"	1011.1	999.6	-	26.0	23.4	22.1	26.8	80	-	4.6	-	5.7	0	3	286	8	36	172	27	2	3	28	13	76	0
	1130	"	1010.8	999.4	-	29.7	24.1	21.2	25.6	63	-	4.7	-	9.4	0	19	318	10	17	65	29	5	23	100	61	28	27
	1430	"	1008.2	996.9	-	30.4	24.6	21.6	26.2	63	-	4.8	-	14.1	0	51	307	1	4	17	16	2	24	209	77	7	8
	1730	"	1007.9	996.5	-	28.3	24.3	22.2	27.2	71	-	5.2	-	11.9	0	15	332	5	2	3	7	2	8	212	106	18	2
	2030	"	1010.0	998.5	-	26.1	23.9	22.8	27.9	83	-	4.4	-	6.1	0	7	260	4	1	12	5	2	6	85	145	98	7
	2330	"	1010.6	999.1	-	25.2	23.6	22.8	27.8	86	-	4.4	-	4.2	0	7	193	32	17	34	22	2	6	36	50	165	1
Mangalore	0830	22	1011.1	1008.6	0.0	26.5	23.5	22.1	26.7	77	-1	4.1	-0.1	4.8	0	1	362	16	23	196	56	4	21	12	20	2	15
	1730	"	1008.3	1005.8	-	28.9	25.5	23.7	29.6	74	-	4.4	-	(a) 6.9	0	3	361	7	4	8	9	7	54	49	140	0	86
INTERIOR MYSORE NORTH																											
Bidar	0830	664	1010.1	936.9	-	23.9	19.1	16.0	18.7	64	+1	3.6	+0.5	14.7	0	100	250	12	31	47	31	32	95	44	57	15	1
	1730	"	1005.1	933.4	-	29.4	19.9	13.8	16.5	43	-	4.2	-	13.7	0	73	271	12	100	37	25	13	73	43	41	21	0
Gulbarga	0830	458	1010.4	959.3	+0.2	25.1	18.0	14.9	17.8	57	-4	4.0	+1.2	7.8	0	12	263	18	21	62	11	20	18	86	39	90	0
	1730	"	1004.9	955.3	-	32.0	20.2	12.2	15.3	35	-	4.9	-	10.3	0	38	316	18	49	105	28	18	28	80	28	11	0
Bijapur	0830	594	1010.8	944.9	+0.4	23.3	19.1	16.4	19.2	68	+4	3.4	+0.4	3.6	0	0	310	49	12	25	42	29	21	99	33	55	0
	1730	"	1004.9	941.0	-	31.1	21.3	15.7	18.4	43	-	4.4	-	2.7	0	0	325	55	34	30	37	31	16	95	27	40	0
Raichur	0830	400	1010.3	965.9	+0.3	25.8	20.7	17.6	20.6	62	-2	4.2	+1.6	(a) 5.6	0	17	269	4	39	1	62	5	119	13	29	78	14
	1730	"	1005.2	961.9	-	32.1	21.5	14.5	17.1	38	-	4.6	-	7.4	0	13	339	1	127	8	104	1	65	2	40	13	4
Belgaum	0830	753	1010.9	927.8	0.0	21.7	18.6	16.6	19.3	75	+2	3.6	-0.1	2.8	0	0	208	5	2	67	2	8	4	112	8	157	0
	1730	"	1006.1	924.9	-	27.0	20.3	16.1	18.9	56	-	4.6	-	6.4	0	0	354	6	15	74	20	10	17	146	60	11	6
Belgaum (Sanra)	0530	747	1009.6	926.7	-	19.6	17.3	15.6	17.8	80	-	3.5	-	5.5	0	18	230	9	26	34	16	7	55	92	9	117	0
	0830	"	1010.8	929.3	-	22.3	18.5	15.9	18.5	69	-	4.4	-	7.9	0	23	297	11	56	51	34	8	37	103	20	45	0
	1130	"	1009.4	928.5	-	27.2	19.2	13.8	16.4	48	-	4.2	-	12.1	0	57	304	27	49	55	57	17	33	94	29	4	0

(a) Data for 364 days. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
INTERIOR MYSORE, NORTH (Contd.)																											
Belgaum (Sanre) (Contd.)	1430	747	1006.2	926.0	-	29.1	19.4	12.7	15.6	42	-	4.9	-	12.5	0	76	287	15	54	60	29	14	58	99	34	2	0
	1730	"	1006.1	925.5	-	27.5	19.7	14.3	17.9	50	-	4.8	-	12.7	0	91	267	8	50	43	18	11	58	154	16	7	0
	2030	"	1009.2	927.3	-	23.4	19.2	16.5	19.4	69	-	3.9	-	9.9	0	37	301	1	19	34	10	0	59	197	18	27	0
Gadag	0530	650	1009.5	937.2	-	20.7	18.8	17.6	20.4	83	-	3.0	-	8.4	0	21	279	1	9	49	23	8	51	151	5	65	3
	0830	"	1011.0	939.0	+0.3	22.6	19.7	17.9	20.9	76	+5	3.7	+0.4	7.9	0	14	324	10	23	73	24	6	54	141	7	27	0
	1130	"	1009.3	938.8	-	28.7	21.0	16.5	19.7	51	-	3.8	-	11.1	0	29	316	12	49	55	28	12	41	117	25	20	6
	1430	"	1005.9	936.2	-	31.0	21.2	15.5	18.1	43	-	4.4	-	11.7	0	63	283	15	71	61	20	8	32	104	22	19	13
	1730	"	1005.6	935.7	-	29.9	20.7	15.2	17.8	46	-	4.9	-	9.2	0	47	300	21	69	74	13	4	48	101	16	18	1
	2030	"	1008.7	937.6	-	25.5	19.8	16.2	18.9	60	-	3.1	-	10.6	0	56	275	3	33	65	20	5	28	151	4	34	2
	2330	"	1010.1	938.3	-	23.1	19.4	17.2	20.0	72	-	2.9	-	10.4	0	43	295	4	11	71	24	4	40	179	3	27	2
INTERIOR MYSORE, SOUTH																											
Bellary	0830	449	1010.6	960.5	+0.2	24.6	20.2	17.4	20.2	66	+5	2.6	-0.9	7.2	0	8	261	2	12	42	55	13	27	44	84	86	0
	1730	"	1005.3	956.6	-	31.6	21.3	14.2	16.9	39	-	4.5	-	9.9	0	12	344	7	26	60	103	4	25	44	87	9	0
Chitradurga	0830	733	1010.4	929.9	+0.2	22.5	19.4	17.7	20.4	75	+6	4.2	+0.1	7.1	0	4	314	1	3	81	15	10	64	140	4	47	0
	1730	"	1005.3	926.6	-	28.7	20.4	15.2	17.7	46	-	4.3	-	7.1	0	12	292	14	28	113	5	1	25	110	8	61	0
Shimoga	0830	571	1010.9	947.3	<0.1	22.2	19.8	18.4	21.5	80	-1	5.6	+0.9	3.1	0	0	347	13	29	46	32	31	65	121	10	18	0
	1730	"	1005.7	943.7	-	28.7	21.0	16.1	19.2	51	-	5.3	-	6.1	0	0	330	12	43	64	19	13	48	119	12	35	0
Agumbe	0830		-	-	-	21.3	19.9	19.1	22.3	88	-	-	-	6.4	0	3	335	5	146	42	11	5	96	23	10	27	0
Bangalore	0830		-	-	-	21.1	18.9	17.7	20.3	82	-4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hassan	0830	960	1510.7	906.4	-	20.0	18.2	17.1	19.7	88	+8	4.0	-0.2	3.6	0	0	363	18	7	77	18	14	102	114	[illegible]	[illegible]	0
	1730	"	1492.2	903.4	-	25.7	[illegible]	14.3	[illegible]	52	-	5.5	-	3.4	0	0	361	17	36	74	[illegible]	6	53	126	9	4	0
Bangalore	0230	921	1496.7	909.1	-	20.0	18.2	17.1	19.7	84	-	3.1	-	7.5	0	8	303	1	15	117	24	6	50	90	8	54	0
	0830	"	1513.5	910.6	+0.4	21.1	18.6	17.1	19.7	79	+2	4.6	+0.2	8.3	0	8	324	2	21	90	26	9	72	97	14	33	1
	1130	"	1520.3	910.3	-	26.0	19.5	15.4	17.9	54	-	4.8	-	11.6	0	58	288	9	31	92	36	6	44	94	33	19	1
	1430	"	1503.7	908.1	-	28.3	19.9	14.7	17.9	46	-	5.1	-	11.1	0	49	289	16	40	94	28	4	26	94	35	27	1
	1730	"	1497.4	907.8	-	26.9	19.3	14.6	17.1	50	-	5.0	-	10.1	0	42	292	23	38	101	28	1	29	73	40	31	1
	2030	"	1507.4	909.5	-	23.4	18.7	15.8	18.2	65	-	3.4	-	7.7	0	20	284	11	27	122	25	5	36	70	8	61	0
Bangalore (A)	0530	897	1489.6	911.2	-	18.9	17.9	17.4	19.8	89	-	3.9	-	8.0	0	18	256	1	13	79	11	12	23	132	3	91	0
	0830	"	1511.7	913.0	-	21.2	18.8	17.3	19.9	80	-	4.8	-	11.1	0	29	303	5	15	89	21	12	34	146	10	33	0
	1130	"	1518.6	912.6	-	25.9	19.3	14.7	17.2	54	-	4.7	-	14.7	0	69	280	15	20	97	29	14	21	138	12	16	3
	1730	"	1489.7	909.5	-	27.0	19.4	14.4	16.8	50	-	5.2	-	13.9	0	51	298	20	21	132	25	6	21	104	20	16	0
	2330	"	1506.9	912.5	-	21.4	18.7	17.0	19.5	77	-	3.5	-	10.6	0	30	292	3	9	125	33	8	18	122	3	43	1
Mysore	0830	767	1011.5	926.9	+0.3	22.1	19.1	17.3	19.9	75	0	3.4	-1.0	6.6	0	6	359	36	36	39	31	74	96	8	44	0	1
	1730	"	1006.3	923.7	-	27.7	19.4	14.0	16.5	47	-	3.8	-	10.1	0	41	324	28	74	46	31	22	76	60	27	0	1
KERALA																											
Calicut	0530	5	1009.8	1009.2	-	24.3	23.3	22.6	27.6	90	-	3.6	-	4.1	0	5	241	17	50	142	12	0	2	9	14	119	0
	0830	"	1011.3	1010.7	+0.1	26.1	23.8	22.8	27.6	81	-2	4.0	-0.4	4.2	0	4	248	18	27	136	4	4	6	9	48	113	0
	1130	"	1011.3	1010.7	-	28.8	25.0	23.1	28.5	71	-	4.6	-	(a) 7.5	0	10	332	4	9	9	2	14	74	130	100	22	0
	1730	"	1008.6	1008.1	-	28.9	25.3	23.7	29.3	74	-	4.8	-	9.2	0	14	337	3	6	5	2	3	40	121	171	14	0
	2330	"	1011.0	1010.4	-	26.2	24.3	23.3	28.8	85	-	3.6	-	5.7	0	16	253	61	47	56	7	2	5	10	81	96	0
Palghat	0830	97	1011.4	1000.3	-	26.2	23.2	21.6	26.1	77	-	4.3	-	9.3	0	4	339	0	2	146	1	0	2	192	0	22	0
	1730	"	1007.4	996.5	-	29.8	23.6	20.1	24.0	60	-	4.8	-	9.6	0	16	338	2	16	91	8	2	3	229	3	11	0
Fort Cochin	0830	3	1011.4	1011.1	0.0	26.8	24.1	22.6	25.5	79	0	6.5	+2.3	6.3	0	1	351	44	138	111	10	1	7	17	24	13	0
	1730	"	1008.4	1008.1	-	28.0	25.0	23.7	29.3	77	-	6.3	-	9.0	0	6	355	11	8	6	14	1	28	149	144	4	0
Cochin N.A.S.	0230	3	1009.7	1009.4	-	25.0	23.7	23.1	28.2	89	-	4.7	-	2.2	0	4	103	10	15	28	10	1	9	13	21	258	0
	0530	"	1009.6	1009.3	-	24.3	23.2	22.7	27.6	91	-	4.7	-	2.1	0	2	114	6	42	31	4	4	6	9	14	249	0

(a) Data for 304 days. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
KERALA (Contd.)																											
Cochin N.A.S. (Contd.)	0830	3	1011.4	1011.1	-	26.5	24.0	22.7	27.8	80	-	5.1	-	3.9	0	3	216	18	57	67	11	1	9	25	29	146	2
	1130	"	1011.4	1011.1	-	29.3	24.7	22.4	27.3	67	-	5.1	-	9.8	0	5	303	11	19	27	9	7	39	99	94	57	3
	1730	"	1008.3	1008.0	-	28.7	24.7	22.9	28.0	71	-	5.7	-	12.8	0	16	315	7	4	7	5	9	53	162	84	34	0
	2330	"	1011.2	1010.9	-	25.9	24.1	23.2	28.6	86	-	5.1	-	3.6	0	4	143	10	9	30	13	4	12	19	50	218	0
Alleppey	0830	4	1011.3	1010.9	+0.4	26.7	24.5	23.4	28.9	83	+1	5.1	-0.5	6.5	0	12	342	20	114	84	67	0	8	19	41	11	1
	1730	"	1008.2	1007.8	-	28.9	25.3	23.7	29.5	74	-	5.3	-	19.4	0	201	164	9	3	3	7	0	28	78	237	0	0
Punalur	# 0830																										
	# 1730																										
Trivandrum	0230	64	1009.3	1002.0	-	24.5	23.3	22.6	27.5	89	-	4.1	-	3.4	0	2	190	44	43	8	3	0	6	11	77	173	0
	0530	"	1009.4	1002.1	-	24.0	22.9	22.2	26.9	90	-	4.1	-	4.8	0	0	301	95	87	25	7	2	4	11	68	64	2
	0830	"	1011.3	1004.0	+0.1	25.9	23.6	22.5	27.3	82	0	4.5	-0.1	4.9	0	1	325	73	84	19	12	5	6	11	115	39	1
	1130	"	1010.8	1003.6	-	29.4	24.3	21.6	26.4	65	-	5.4	-	8.1	0	16	328	35	26	6	12	14	33	55	159	21	4
	1430	"	1008.4	1001.1	-	29.6	24.6	27.1	26.8	65	-	5.1	-	9.9	0	25	339	15	7	3	6	13	69	102	147	1	2
	1730	"	1008.4	1001.1	-	28.1	24.4	22.6	27.6	73	-	5.5	-	8.7	0	10	348	27	11	5	8	15	53	83	154	7	2
	2030	"	1010.6	1003.3	-	26.2	23.9	22.9	27.3	82	-	4.5	-	5.6	0	1	312	37	25	5	5	2	24	36	159	52	0
	2330	"	1011.0	1003.7	-	25.[illegible]	23.6	22.6	27.5	87	-	4.5	-	5.9	0	2	309	102	50	11	12	3	7	18	107	54	1
Trivandrum (A)	0830	8	1011.5	1010.6	-	27.1	23.9	22.3	27.1	76	-	5.0	-	13.6	0	114	178	137	55	34	6	2	3	5	46	73	4
ARABIAN SEA ISLANDS																											
Amini	0530	4	1008.9	1008.5	-	26.5	24.3	23.3	28.8	83	-	3.9	-	16.9	1	150	128	44	21	5	3	1	7	109	86	86	3
	0830	"	1010.9	1010.4	-	27.6	24.9	23.6	29.2	79	+3	4.5	+0.2	16.1	0	141	162	57	37	7	5	1	6	101	87	62	2
	1130	"	1011.2	1010.7	-	29.8	25.6	23.7	29.4	70	-	4.5	-	17.0	1	131	217	67	39	17	7	1	9	96	99	16	14
	1730	"	1008.2	1007.9	-	29.3	25.4	23.7	29.4	73	-	4.9	-	17.7	0	147	184	46	29	14	8	0	8	96	117	34	13
	2330	"	1010.5	1010.1	-	26.9	24.6	23.6	28.4	81	-	3.4	-	16.8	1	144	138	31	7	5	4	0	11	102	118	82	5
Agathi	# 0830																										
	# 1730																										
Androth	# 0830																										
	# 1730																										
Minicoy	0530	2	1009.7	1009.5	-	25.7	23.7	22.8	27.9	84	-	4.3	-	6.0	0	31	166	15	7	6	2	4	2	122	38	168	1
	0830	"	1011.5	1011.3	+0.2	27.6	24.7	23.3	28.8	78	+2	4.8	+0.8	6.9	0	26	264	42	19	19	8	4	2	127	49	95	0
	1130	"	1011.7	1011.5	-	29.4	23.3	23.5	29.1	71	-	4.9	-	9.1	0	28	303	54	27	33	11	3	6	131	65	34	1
	1430	"	1009.5	1009.3	-	29.4	23.4	23.6	29.1	71	-	5.0	-	9.7	0	32	294	56	26	22	11	3	3	126	78	39	1
	1730	"	1009.0	1008.8	-	28.6	24.9	23.3	28.6	73	-	5.1	-	8.9	0	29	282	48	34	20	3	2	4	125	75	54	0
	2030	"	1010.7	1010.5	-	26.9	24.3	23.1	28.2	79	-	3.8	-	8.5	0	42	228	38	22	17	3	4	2	131	51	95	2
	2330	"	1011.3	1011.1	-	25.6	24.1	23.0	28.1	82	-	3.9	-	9.1	0	49	214	38	21	22	5	3	5	114	55	102	0
HILL STATIONS EXCLUDING KASHMIR																											
Dalhousie	0830	1959	1432.4	799.1	+0.5	12.2	10.0	6.0	10.3	63	-4	x	x	1.0	0	0	96	3	33	8	19	0	1	0	7	269	25
	1730	"	1424.5	798.4	-	15.2	12.1	9.5	12.7	71	-	x	x	0.9	0	0	81	0	33	2	9	0	4	2	2	284	29
Dharamsala	0830	1211	x	x	-	19.3	13.5	8.2	11.6	55	-2	3.2	+0.2	1.4	0	0	221	36	117	20	3	6	6	14	19	144	0
	1730	"	x	x	-	22.1	14.8	9.5	12.8	51	-	4.6	-	2.3	0	1	330	17	26	10	5	21	223	33	16	14	0
Simla	0830	2202	x	781.2	+0.3	x	-	-	-	-	-	2.9	-0.5	0.7	0	0	107	12	10	8	29	37	7	1	2	258	1
	1730	"	1473.3	780.3	-	13.6	10.5	7.5	12.0	71	-	3.8	-	0.7	0	0	121	2	21	0	26	9	59	0	4	244	0
Dharampur *																											
Lokpal	0830	-	-	-	-	-3.7	-5.5	-14.3	3.4	52	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Badrinath	(R) 0830																										

* Data not available. x Data rejected. (R) Returns not received. (A) Aerodrome.

\# Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in c.p.s. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
HILL STATIONS EXCLUDING KASHMIR (Contd.)																											
Joshimath	0830	-	-	-	-	12.5	8.6	4.0	9.4	59	-	2.7	-	3.4	0	2	307	8	51	105	79	8	11	16	6	56	25
	1730	-	-	-	-	16.7	11.2	6.1	9.8	52	-	4.7	-	3.6	0	0	326	11	38	39	52	17	69	49	47	39	4
Mussoorie	0830	2042	x	-	-	13.6	9.3	4.5	9.3	59	-4	3.0	-0.6	2.1	0	2	207	58	15	8	28	48	22	0	38	156	0
	1730	"	x	-	-	14.6	11.0	7.8	10.5	69	-	4.4	-	3.7	0	2	299	54	23	0	59	94	40	0	31	64	0
Mukteswar	0830	2311	3125.9	772.2	+0.1	12.3	8.0	3.3	8.2	58	0	2.5	-0.8	9.1	0	33	277	2	49	59	13	6	17	89	75	55	0
	1730	"	3118.4	770.8	-	13.5	9.6	5.5	12.0	63	-	3.3	-	11.2	0	56	271	3	20	23	8	8	44	141	80	38	0
Nainital	0830	1953	1483.7	804.5	+0.6	14.0	9.2	4.2	9.0	56	-4	2.6	-0.7	5.7	0	9	281	57	30	81	34	8	6	61	13	75	0
	1730	"	1458.4	802.2	-	14.6	10.5	8.5	10.5	60	-	3.2	-	7.7	0	2	362	56	8	36	34	21	30	176	3	1	0
Kalimpong	0830	1209	-	-	-	19.0	16.3	14.6	17.0	77	-1	-	-	6.6	0	0	363	0	4	0	92	0	26	0	241	2	0
	1730	"	-	-	-	19.7	16.8	14.8	17.3	74	-	-	-	5.6	0	0	365	0	4	0	294	1	21	0	45	0	0
Darjeeling	0830	2128	1516.2	791.2	+2.9	13.4	11.3	9.5	12.8	78	+4	5.1	+0.4	1.3	0	0	111	41	13	0	2	3	40	4	3	254	5
	1730	"	1492.1	788.9	-	13.0	11.4	10.0	13.1	83	-	5.7	-	2.1	0	5	100	5	3	0	1	0	74	11	1	260	10
Kohima	0830	1406	1552.9	864.9	-	17.8	16.4	15.5	18.1	87	-	4.3	-	2.3	0 (h)	0	335	5 (b)	2	4	31	0	3	1	282	29	7
	% 1700	"	1519.8	861.4	-	18.9	17.7	16.9	19.4	90	-	5.7	-	2.4	0 (b)	0	337	20 (b)	6	0	9	1	8	15	275	27	3
Shillong	0830	1500	1509.8	851.2	+1.7	18.7	15.4	12.8	15.6	70	+1	4.6	+0.8	2.3	0 (d)	5	72	1 (d)	7	1	3	10	39	9	7	285	0
	1730	"	1488.7	849.1	-	17.9	16.1	14.9	17.4	83	-	6.6	-	0.5	0 (h)	6	19	0 (h)	1	0	0	5	17	2	0	333	0
Cherrapunji *																											
Abu	0830	1195	*	*	-	18.8	13.7	8.9	12.3	56	+1	2.0	-0.8	1.3	0	3	94	7	4	1	0	36	43	1	5	268	0
	1730	"	*	*	-	29.1	15.4	8.4	12.1	43	-	1.8	-	2.4	0	19	192	23	9	1	0	69	82	4	23	153	0
Aijal	0830	-	-	-	-	-	-	-	-	-	-	-	-	-	#	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	-	-	-	-	-	-	-	-	-	#	-	-	-	-	-	-	-	-	-	-	-	-
Pachmarhi	0830	-	1506.3	893.7	+0.5	20.9	15.2	10.1	13.5	56	-4	3.3	0	3.6	0	0	279	11	33	32	17	26	16	67	77	86	0
	1730	-	1487.8	891.3	-	24.9	16.4	8.9	12.8	43	-	4.0	-	3.5	0	0	328	24	64	9	1	6	6	91	127	37	0
Mahabaleshwar	0830	1382	1507.5	862.8	+0.2	18.3	14.4	10.7	13.7	66	-1	3.0	-0.7	11.8	0	19	346	12	135	3	73	0	79	5	58	0	0
	1730	"	1492.3	861.1	-	22.0	17.2	13.5	16.2	64	-	3.5	-	11.0	0	10	355	1	86	2	51	0	93	3	129	0	0
Mercara	0830	1153	1509.6	886.3	+0.5	18.9	17.1	15.8	18.2	84	0	3.8	-1.2	11.1	0	31	333	45	99	72	0	3	0	134	8	1	3
	1730	"	1492.1	884.1	-	22.5	18.6	16.0	18.7	71	-	5.0	-	7.5	0	16	344	13	81	31	1	1	9	140	68	5	16
Ootacamund	# 0830																										
	# 1730																										
Coonoor	(R) 0830																										
Kodaikanal	0830	2343	3153.1	771.5	+0.6	12.9	10.8	7.6	10.9	71	+4	5.1	+1.2	10.2	0	44	292	50	69	33	47	18	3	29	87	29	0
	1130	"	3162.3	771.7	-	16.5	12.9	9.6	12.3	67	-	5.7	-	10.9	0	33	321	46	68	33	73	25	1	20	88	11	0
	1730	"	3136.3	769.9	-	13.9	12.9	10.8	13.1	83	-	6.4	-	8.6	0	25	299	32	43	10	47	41	4	28	99	41	0
NEPAL																											
Katmandu	0830	1324	1492.3	867.3	-	14.9	12.9	11.5	14.6	81	-	4.2	-	0.4	0	0	42	5	7	9	2	2	2	7	8	323	0
	1130	"	1487.3	866.3	-	21.9	15.9	11.0	14.3	53	-	3.7	-	1.8	0	0	167	20	9	19	31	12	17	24	34	198	1
	1730	"	1466.5	864.4	-	19.9	15.8	12.1	15.3	63	-	4.0	-	1.9	0	0	143	39	5	4	9	15	15	23	33	222	0
SIKKIM																											
Lachen	# 0830																										
TIBET																											
Chumbi	(R) 0830																										

Data not available for complete year, hence no annual means. (R) Returns not received. * Data not available. (b) Data for 364 days. (d) Data for 362 days. (h) Data for 358 days. x Data rejected.

% observations recorded at 1700 hours I.S.T.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Relative Humidity %: Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (Oktas): Departure from normal	Mean wind speed km. per hour	Wind speed (km.p.h.): 61 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
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
Tilaiya	0830	-	-	-	-	25.4	19.1	14.5	17.8	55	-	2.8	-	7.0	-	-	-	10	8	43	22	5	31	120	64	62	0
	1730	-	-	-	-	27.7	19.4	13.0	16.5	46	-	3.0	-	6.2	-	-	-	18	4	47	15	4	1	114	106	56	0
Hazaribagh	0830	615	1008.4	940.3	-	23.6	18.9	13.4	19.1	64	-	2.8	-	5.6	-	-	-	14	1	37	14	15	40	74	75	95	0
	1730	"	1005.2	937.5	-	24.8	19.3	15.9	19.3	62	-	3.2	-	3.8	-	-	-	13	2	26	6	2	23	60	92	141	0
Konar	0830	-	-	-	-	24.3	19.3	15.9	19.1	63	-	1.6	-	5.1	-	-	-	9	2	18	48	0	7	170	97	14	0
	1730	-	-	-	-	25.6	20.7	17.4	20.8	65	-	1.3	-	5.7	-	-	-	13	1	29	41	0	7	166	95	13	0
Bokaro	0830	242	1008.2	980.5	-	24.4	19.5	16.4	20.0	63	-	2.3	-	4.2	-	-	-	9	6	26	18	15	70	95	61	65	0
	1730	"	1004.8	977.9	-	27.5	20.7	16.1	19.6	55	-	2.6	-	5.1	-	-	-	71	53	34	26	7	17	25	83	49	0
Maithon	0830	-	-	-	-	27.1	21.0	17.1	20.7	57	-	3.1	-	3.7	-	-	-	15 (c)	37	2	72	17	119	28	75	0	0
	1730	-	-	-	-	29.7	21.7	16.5	20.1	49	-	3.2	-	3.8	-	-	-	9 (d)	42	1	86	11	109	18	86	0	0
Rangarh	0830	-	-	-	-	24.2	19.5	16.3	19.5	65	-	2.9	-	4.3	-	-	-	38	17	34	19	13	53	108	33	43	0
	1730	-	-	-	-	27.2	21.1	17.1	20.4	61	-	#	-	4.2	-	-	-	#	-	-	-	-	-	-	-	-	-
Panchet Hill	0830	-	-	-	-	25.4	20.7	17.8	21.6	65	-	2.9	-	5.1	-	-	-	0	29	0	60	0	138	0	56	82	0
	1730	-	-	-	-	28.2	21.2	16.6	20.2	54	-	3.2	-	3.5	-	-	-	0	25	0	54	0	50	0	53	183	0
Durgapur	0830	-	-	-	-	25.7	21.4	18.8	22.9	67	-	3.3	-	5.3	-	-	-	30	24	32	30	60	30	31	106	22	0
	1730	-	-	-	-	28.6	22.0	17.9	21.7	55	-	4.0	-	5.3	-	-	-	28	27	33	48	73	30	25	79	22	0
MAHANADI CATCHMENT																											
Ginabahar	0830	-	-	-	-	23.6	18.6	15.2	18.5	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hirakud	0830	159	1009.5	991.5	-	26.3	21.5	18.6	22.2	64	-	2.7	-	2.4	-	-	-	46	15	41	18	18	37	44	17	128	1
	1130	"	1008.5	990.8	-	30.0	22.4	17.9	21.4	51	-	2.7	-	3.8	-	-	-	59	18	26	8	15	45	81	71	28	14
	1730	"	1005.3	987.7	-	30.0	22.1	17.3	20.6	50	-	3.0	-	1.8	-	-	-	9	5	10	10	18	30	44	36	202	1
Bhimkund	0830	-	-	-	-	24.1	20.4	18.1	21.6	70	-	2.9	-	1.1	-	-	-	9	2	3	6	2	32	3	72	225	1
	1730	-	-	-	-	27.7	20.9	16.1	19.5	54	-	3.8	-	1.2	-	-	-	4	9	3	26	7	34	4	31	247	0
Sonepur	0830	-	-	-	-	26.5	23.5	21.9	27.1	77	-	-	-	6.1	-	-	-	27	1	90	7	44	3	98	0	95	0
Khijrawan	0830	-	-	-	-	24.1	19.5	16.3	19.4	65	-	#	-	6.6	0	26	318	13	39	7	90	37	123	10	25	21	0
	1730	-	-	-	-	28.5	20.4	14.5	17.8	48	-	#	-	6.9	0	15	342	37	67	5	39	24	94	12	78	8	1
NARMADA CATCHMENT																											
Bagra Tawa	0830	-	-	-	-	23.5	17.7	12.6	16.3	55	-	2.8	-	9.9	0 (d)	1	334	8 (d)	79	24	5	23	155	40	3	28	0
	1730	-	-	-	-	30.4	20.1	12.0	15.5	39	-	3.2	-	7.3	0 (d)	4	279	10 (d)	64	18	10	16	71	69	16	79	0
Punasa	# 0830																										
	# 1730																										
Thikri	0830	-	-	-	-	26.3	17.2	9.5	12.5	37	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SABARMATI CATCHMENT																											
Daroi	0830	-	-	-	-	23.7	18.7	14.5	18.5	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	32.3	21.9	14.8	18.3	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GANDAK CATCHMENT																											
Jomosom	0830	2800	-	-	-	11.7	8.2	5.4	9.9	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	12.0	8.9	6.3	10.3	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Khudi Bazar	# 0830																										
	# 1730																										

Data not available for complete year, hence no annual means.

(c) Data for 363 days.

(d) Data for 362 days.

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or hc. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
HYDROMETEOROLOGICAL OBSERVATORIES (Contd.)																											
GANDAK CATCHMENT (Contd.)																											
Timure	0830	1676	-	-	-	13.9	10.2	6.3	11.1	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	17.3	13.1	9.5	13.1	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pokhara	0830	918	-	-	-	19.6	16.1	13.6	16.7	70	-	3.2	-	1.8	0	0	176	50	6	11	46	24	13	4	18	189	4
	1130	"	-	-	-	23.6	17.7	13.4	16.5	55	-	3.3	-	4.8	0	0	311	4	1	21	180	87	9	4	0	54	5
	1730	"	-	-	-	22.2	17.5	14.1	17.4	64	-	4.3	-	3.7	0	3	228	31	26	25	83	26	6	2	30	134	2
Gorkha	0830	1135	-	-	-	18.7	15.7	13.2	16.3	75	-	3.3	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-
	# 1130	"																									
	1730	"	-	-	-	20.7	16.3	12.9	16.1	65	-	3.4	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-
Nuwakot	# 0830	970																									
	# 1730																										
CHAGHARA CATCHMENT (Trans Himalayan Region)																											
Dailekh	# 0830																										
	# 1730																										
CHAGHARA CATCHMENT																											
Dadeldhura	0830	1837	-	-	-	14.7	10.9	7.2	11.4	65	-	2.5	-	4.7	0	2	327	24	17	86	108	26	14	20	34	36	0
	1130	"	-	-	-	17.6	12.4	7.8	11.8	56	-	3.0	-	6.1	0	3	353	91	25	34	28	12	11	24	131	9	0
	1730	"	-	-	-	15.9	11.5	8.3	12.2	65	-	3.3	-	5.7	0	3	337	54	5	16	23	24	51	46	121	25	0
Sallyana	0830	1457	-	-	-	18.8	14.2	10.1	13.6	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	19.3	14.5	10.3	13.7	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butwal	0830	263	-	-	-	24.7	19.6	16.0	19.7	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	27.2	21.1	16.8	20.8	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAGMATI CATCHMENT																											
Katmandu **																											
KOSI CATCHMENT																											
Chautara	0830		-	-	-	16.5	13.6	11.1	14.4	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730		-	-	-	19.6	14.7	11.0	14.3	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chepua *																											
Wailungchung Gola	0830	3048	-	-	-	7.6	6.2	5.0	9.2	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	# 1730	"																									
Taplethok	# 0830																										
	# 1730																										
Bhojpur	0830	1524	-	-	-	17.7	14.3	11.8	14.9	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	16.1	14.0	12.1	15.1	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taplejung	0830	1768	-	-	-	14.9	12.4	10.2	13.5	75	-	4.4	-	1.3	0	0	125	24	12	7	5	15	13	15	34	240	0
	1130	"	-	-	-	18.3	14.3	11.2	14.4	65	-	4.5	-	4.7	0	1	291	39	4	10	19	69	38	59	54	73	0
	1730	"	-	-	-	16.0	13.0	10.5	13.7	72	-	5.0	-	7.4	0	17	255	16	10	9	51	149	15	8	14	93	0
Okhaldhunga	0830	2103	-	-	-	15.4	12.7	10.1	13.5	73	-	3.0	-	1.1	0	1	91	1	0	7	19	14	14	20	13	273	4
	1130	"	-	-	-	18.4	14.0	10.2	13.8	63	-	3.4	-	3.1	0	6	203	2	3	5	5	43	43	86	19	156	3
	1730	"	-	-	-	15.4	12.8	10.6	13.9	75	-	4.2	-	5.4	0	14	231	9	1	8	5	9	18	168	26	120	1
Chainpur	# 0830	1329																									
	# 1730	"																									

* Data not available. # Data not available for complete year, hence no annual means. ** Data included under Nepal

Table III - Summary of Observations at Fixed Hours for the year 1965

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metres	Mean Pressure in millibars: At mean sea level or ht. in g.p.m. of nearest standard isobaric level	Mean Pressure in millibars: At station level	Mean Pressure in millibars: Departure from normal	Mean Temperature °C: Dry Bulb	Mean Temperature °C: Wet Bulb	Mean Temperature °C: Dew Point	Vapour pressure in mbs.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Cloud Amt. (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
KOSI CATCHMENT (Contd.)																											
Angbung	# 0830	1219																									
	# 1730	"																									
Barahakshetra	0830	146	1010.1	994.3	-	22.5	19.0	16.5	20.3	71	-	3.2	-	2.7	0	0	240	4	18	40	47	17	61	20	22	125	11
	1130	"	1008.5	992.1	-	27.1	21.2	17.2	21.2	58	-	3.9	-	3.8	0	0	264	2	1	4	3	7	193	42	9	101	3
	1730	"	1006.0	989.5	-	25.2	20.7	17.6	21.7	67	-	3.5	-	2.2	0	0	213	1	14	78	32	3	36	33	12	152	4
TISTA CATCHMENT																											
Gangtok	0830	1812	1492.7	818.9	-	14.0	12.1	10.4	13.6	80	-	4.7	-	0.7	0	0	67	23	37	1	1	3	1	1	0	298	0
	1130	"	1483.0	818.3	-	17.8	14.3	11.7	14.7	69	-	4.8	-	2.2	0	0	207	9	8	0	7	68	98	15	7	158	0
	1730	"	1465.8	816.5	-	15.4	13.2	11.5	14.3	78	-	6.0	-	1.3	0	2	94	9	13	3	20	39	10	2	0	269	0
Gazing	0830	1524	-	-	-	16.5	14.3	12.5	15.5	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	"	-	-	-	16.6	14.5	12.9	15.8	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Data not available for complete year, hence no annual means.

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