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METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

1966

Annual Summary

PART A

SUMMARY OF WEATHER WITH TABLES

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INDIA WEATHER REVIEW, 1966

ANNUAL SUMMARY

PART A

Weather & Rainfall of 1966

Summary -

The cyclonic storm which was lying over the south Bay of Bengal at the end of December 1965, intensified further and crossed coast near Vishakhapatnam causing heavy rain and gales in north coastal Andhra Pradesh in the beginning of January. A few spells of good rainfall occurred in northeast and central India and in the north Peninsula, during the month. Unusual hailstorms occurring in north Interior Mysore towards the end of the month caused loss of lives and damage to crops. Over northwest India the precipitation was highly deficient in January due to the feeble activity of four western disturbances; but in February, the position improved considerably due to four fairly active western disturbances.

Thirteen western disturbances moved eastwards across northwest India during the season, their activity being sub-normal in March and April and well marked in May. The western disturbance of the second week of May, in particular, was very active and in association with it a number of places in Western Himalayas were reported to have been hit by hailstorms causing damage to standing crops. The seasonal thundershower activity over northeast India was sub-normal. Over the Peninsula a few spells of thundershowers occurred with excess rainfall over the northwestern parts. A severe cyclonic storm and a depression developed in the Bay of Bengal. The southwest monsoon advanced into the southern parts of the Bay of Bengal and of the Arabian Sea during the last week of May.

Two spells of abnormally low day temperatures occurred on a few days during the first fortnight of May. Moderate heat wave condition prevailed over coastal Andhra Pradesh during the last week.

The monsoon set in over south Kerala by the normal date of 1 June and advanced to cover the entire country by 6 July, although it was delayed by about a week in Gujarat State and the central parts of the country as compared with the normal dates. As in the last year, the monsoon this year also was characterised by sub-normal activity over the central belt of the country extending from Orissa and Gangetic West Bengal to Gujarat State and Rajasthan, leading to drought and scarcity conditions over large areas. One severe cyclonic storm and six depressions formed in the Bay of Bengal and one depression in the Arabian Sea during the period. Spells of heavy rains caused floods in Assam in June, July and August, in the northern parts of West Bengal and Bihar Plains in August, in the Punjab in June and August and in Srinagar valley in September. The monsoon withdrew from northwest India, Gujarat State, west Madhya Pradesh and Uttar Pradesh during the second fortnight of September.

The monsoon continued its withdrawal from the remaining parts of north and central India and from north Peninsula till 9th October. Thereafter it remained confined to the south Peninsula. The most important feature during the post monsoon period this year was the abnormal activity of cyclonic storms in the Indian Seas with a record number of four severe cyclonic storms in the Bay of Bengal in November. This led to copious rainfall in the south Peninsula. In all, six cyclonic storms and three depressions developed and affected the country.

A spell of good rainfall occurred over the drought hit areas of north and central India during the second week of November. However, with the feeble activity of western disturbances particularly in November and December, the seasonal rainfall over north and central India was generally very meagre. A short spell of moderate to severe cold wave conditions prevailed over north Madhya Pradesh and adjoining east Rajasthan during the second week of December.

I. Winter period - January and February

The cyclonic storm which was lying over the south Bay of Bengal on the last day of December, 1965 recurved northwards and further intensified into a severe cyclonic storm with centre about 150 kms. east of Nellore on the evening of 2nd January. Moving northnortheastwards it crossed coast near Vishakhapatnam on 3rd morning and rapidly weakened into a low pressure area by the next morning. It finally moved away northeastwards across Assam by 5th. Under its influence, heavy rains and gales occurred in north coastal Andhra Pradesh, Vishakhapatnam recording a maximum wind speed of 128 Km.p.h. on 3rd morning, when the storm was crossing the coast. Northeast India, east Madhya Pradesh and east Uttar Pradesh also received fairly widespread rainfall with a few heavy falls in coastal Orissa.

An upper air trough moved from the Arabian Sea off north Maharashtra and south Gujarat coasts to the central parts of the country and adjoining north Peninsula during the second week. Under its influence a spell of unusual rains occurred in Gujarat State, south Rajasthan, central parts of the country and north Peninsula. A few spells of rainfall also occurred in the south Peninsula during the second fortnight. North Peninsula again received another spell of good thundershowers towards the end of the month in association with an upper air trough. According to press reports, 11 persons lost their lives, a few heads of cattle were lost and standing rabi crops were damaged, due to unusual hailstorms in Dharwar district on 30th.

Four western disturbances affected northwest India during the month; but most of them were feeble and hence the precipitation over these parts was highly deficient. The first disturbance lying over West Pakistan on 2nd moved away eastwards across the Western Himalayas by the 4th causing a few light showers in west Uttar Pradesh. Another feeble western disturbance which was lying over Afghanistan and adjoining West Pakistan on 15th moved away eastnortheastwards across the extreme northern parts of the country by 17th causing a few light showers of rain or snow in Jammu and Kashmir. The third disturbance was also feeble and moving eastwards across the extreme north of the country caused isolated very light showers in Jammu and Kashmir on 22nd. In association with the last western disturbance which followed immediately, a low pressure area formed over south Rajasthan and adjoining Gujarat State on 24th. Moving eastwards, it weakened and became unimportant over northeast India by 28th. Under its influence, thundershowers occurred at most places in north and central India during the last week.

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

Four western disturbances, most of them fairly active, affected northwest India during February. The first western disturbance moved eastwards across Jammu and Kashmir by 10th causing good precipitation over the Western Himalayas in the early parts of the second week. The next disturbance, following immediately, persisted over Jammu and Kashmir and the Punjab till 14th and finally moved away eastwards across the Western Himalayas by 16th. An induced low formed over south Rajasthan on 12th and moved away eastwards across north India and Assam by 17th. In association with these developments, a prolonged spell of good precipitation was experienced over most parts of north India during the second week. The third western disturbance was also fairly active over the Punjab on 21st and moved away eastwards across the Western Himalayas by 22nd causing good precipitation there. The last western disturbance of the month moved from Baluchistan eastwards to Bihar State and Orissa, where it was lying as a trough of low pressure on the last day. Under its influence, there was good precipitation over the Western Himalayas and also in parts of northeast India.

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

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

The Rainfall for the period was in moderate excess in Telangana, and in slight excess in Orissa and West Madhya Pradesh. It was in slight defect in the Bay Islands, North Assam, East Uttar Pradesh, Punjab, East Madhya Pradesh, Kerala, Jammu and Kashmir, and Coastal Andhra Pradesh, in moderate defect in South Assam, West Uttar Pradesh, Madras and the Arabian Sea Islands, and in large defect in Himachal Pradesh. It was normal over the rest of the country.

The mean Maximum temperature was above normal in North Assam, Sub-Himalayan West Bengal, Uttar Pradesh, Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, West Madhya Pradesh, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

The mean Minimum temperature was above normal in Sub-Himalayan West Bengal, Jammu and Kashmir, Rajasthan, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

The Relative Humidity in the morning was below normal in Himachal Pradesh, West Madhya Pradesh, and Gujarat region. It was normal over the rest of the country.

The Relative Humidity in the evening was above normal in Bihar Plains and below normal in Himachal Pradesh. It was normal over the rest of the country.

The mean Cloud amount in the morning was above normal in Madhya Maharashtra, Marathwada, coastal Andhra Pradesh, Telangana and North Interior Mysore and below normal in North Assam, Orissa, Bihar Plateau, and West Uttar Pradesh. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Marathwada, Vidarbha, North Interior Mysore and south Interior Mysore, below normal in North Assam, Bihar Plateau and West Madhya Pradesh. It was normal over the rest of the country.

Hot Weather Period - March to May

The trough of low pressure which was lying over Bihar State and Orissa on 28th February moved away eastwards across Assam by 2nd March causing isolated showers in Assam. Four fresh western disturbances affected northwest India during the month. The first two disturbances were active and moved eastwards across northwest India during the second half of the first week and in the middle of the third week respectively, causing good precipitation there. The other two western disturbances moved in quick succession during the last week causing spells of moderate precipitation in the Western Himalayas.

Weather remained dry over northeast India except for two short spells of thundershowers. The first spell was in association with a low pressure area moving eastwards from Bihar Plateau across Assam during the period 5th to 7th and the second spell in association with the movement of an upper air trough from West Bengal to Assam from 18th to 22nd. As a result of an upper air trough persisting over Gujarat Region during the middle of the second week, a spell of good thundershowers occurred over the central parts of the country and the north Peninsula. Troughs of low pressure moving westwards across the south Peninsula caused spells of thundershowers there during the first fortnight. Later the weather remained dry over the Peninsula except for isolated thundershowers on 24th and 30th.

Night temperatures were below normal over the country outside the south Peninsula from the end of the first week to the middle of the month, being appreciably to markedly so at a number of places in north and central India. They continued to be below normal during the third week over northeast India, whereas over the other parts of north India and the central parts of the country they were below normal for the last 12 days of the month. Night temperatures were above normal over northwest India during the third week and over Assam during the first and last weeks.

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

tures were below normal except over northeast India and the Peninsula, being markedly below normal over northwest India.

Five western disturbances moved eastwards across northwest India during April. But none of them was active and they caused only light to moderate precipitation over northwest India, leading to an overall sub-normal precipitation except over the extreme northern parts.

The total rainfall for the month over northeast India was also deficient. However, Assam received rainfall almost on all days of the month but the rainfall was mostly scattered or isolated. There were, however, a few spells of good thundershowers which extended to the remaining parts of northeast India also.

Over the Peninsula, there were spells of good thundershowers. Two troughs of low pressure moving westwards across Ceylon, Comorin and adjoining south Peninsula caused a few thundershowers over extreme south Peninsula during the first week. The seasonal trough of low pressure established itself over the Peninsula at the beginning of the second week and isolated thundershowers continued over the Peninsula during the rest of the month with a few good spells. The central parts of the country also received fairly good rainfall during the last week.

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

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

The severe cyclonic storm which was lying over the southwest Bay of Bengal on 30th April moved westwards and crossed the north Madras coast just north of Cuddalore on the morning of 1st May. It immediately weakened into a depression and moved northwestwards till the morning of 3rd. Thereafter it took a northerly course and recurved eastnortheastwards and weakened into a low pressure area by the morning of 5th over north Telangana and Vidarbha. Weakening further, the system continued to move eastnortheastwards as an upper air trough to West Bengal where it became unimportant by 10th. Under its influence, widespread rainfall with a number of heavy to very heavy falls occurred over the Peninsula, Cuddalore recording an exceptionally heavy fall of 35 cm of rain on 1st. The central parts of the country also received fairly widespread rainfall. The thundershower activity over northeast India also increased considerably. According to press reports, normal life at many places was affected due to the heavy rains in the states of Madras and Mysore and in south Maharashtra State. Rail and air traffic services were also disrupted in Madras State.

Four western disturbances moving across northwest India caused spells of good precipitation there. The first two western disturbances, affected northwest India during the second week, the second disturbance being quite active. According to press reports, Simla, Mussoorie and Jullunder were hit by hailstorms causing damage to standing crops. The Delhi-Srinagar flight of the Indian Airlines Corporation had to be suspended for four days due to bad weather. The remaining two western disturbances moving in quick succession during the last week caused light to moderate rainfall over most parts of northwest India.

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

The seasonal thundershower activity which was sub-normal over northeast India improved after 20th. Assam and Sub-Himalayan West Bengal received good thundershowers during the last week with isolated thundershowers over the remaining parts of northeast India. According to press reports, the level of the Brahmaputra began to rise due to the persistent heavy rains in the upper reaches.

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

As a result of the good rainfall activity caused by the severe cyclonic storm from the Bay of Bengal, day temperatures remained markedly below normal over the Peninsula and central parts of the country till 5th and later over northeast India till 9th. They were as much as 10-17°C below normal over the northwestern parts of the Peninsula and Vidarbha on 3rd - 5th. Another spell of sub-normal day temperatures occurred during the period 10th - 15th when the entire country outside the south Peninsula was affected, with temperatures markedly below normal over northwest India and west Uttar Pradesh. The Punjab and adjoining areas experienced day temperatures as much as 10-15°C below normal from 11th to 13th. Day temperatures were above normal over northwest India and Gujarat State on a number of days during the first week and over northeast India in the earlier parts of the first week and again at the middle of the month. They were markedly above normal over Gujarat State from 15th to 17th. From 18th to 28th day temperatures were above normal over practically the entire country except the northwestern parts of the Peninsula on a few days. Moderate heat wave conditions prevailed over coastal Andhra Pradesh from 21st to 28th. According to press reports, 14 people died due to sunstroke in Khammam district. A few deaths were also reported from Sambalpur in Orissa and Kanpur.

The rainfall for the period was in large excess in Madhya Maharashtra, North Interior mysore, in moderate excess in Vidarbha and in slight excess in Konkan and Marathwada. It was in slight defect in Bihar Plains, Madhya Pradesh, Rayalaseema, Madras, South Interior Mysore, in moderate defect in East Uttar Pradesh, Himachal Pradesh, Coastal Andhra Pradesh, Telangana and Coastal Mysore and in large defect in Assam, West Bengal, Orissa, Bihar Plateau, Jammu and Kashmir, Kerala and the Arabian Sea Islands. It was normal over the rest of the country.

The mean maximum temperature was above normal in North Assam, West Bengal, Bihar Plateau, East Uttar Pradesh, Coastal Andhra Pradesh and Madras. It was normal over the rest of the couhtry.

The mean minimum temperature was above normal in Himachal Pradesh and Madras and below normal in West Rajasthan. It was normal over the rest of the country.

The relative humidity in the morning was below normal in Gangetic West Bengal and it was normal over the rest of the country.

The relative humidity in the evening was above normal in Jammu and Kashmir and below normal in Sub-Himalayan West Bengal, Coastal Andhra Pradesh and the Arabian Sea Islands. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in West Bengal, Bihar, East Uttar Pradesh, Himachal Pradesh, Rayalaseema and it was normal over the rest of the country.

The mean cloud amount in the evening was below normal in Sub-Himalayan West Bengal, East Uttar Pradesh, Himachal Pradesh, Rajasthan, Gujarat region, Saurashtra and Kutch and Rayalaseema and it was normal over the rest of the country.

III. Monsoon Period - June to September

A depression lying over the west central Bay of Bengal on 2nd June moved into the north Peninsula and weakening as a trough of low pressure moved across east central Arabian Sea to northeast Arabian Sea by 13th. Under its influence, the southwest monsoon advanced into south Kerala by the normal date of 1 June and steadily extended northwards to cover the entire Peninsula by the middle of the month. There was good rainfall activity over the Peninsula during the first fortnight but it was followed by feeble activity during the second fortnight. The Bay branch of the monsoon also advanced into Assam by 6th and into the remaining parts of northeast India by 15th. The prolonged spell of heavy rains in Assam led to serious floods during the second week. According to press reports, communications with Assam were completely cut off due to breaches caused by flooding and standing crop were also damaged. The monsoon continued to be active over northeast India during the second fortnight under the influence of two depressions which moved northwards from north Bay of Bengal. The heavy rains caused by the first depression led to a second wave of floods in Assam particularly in Cachar district, Manipur and Tripura where according to press reports, the flood situation worsened. Imphal town was severely affected and standing paddy crops in Tripura State damaged.

The advance of the monsoon into Gujarat State and the central parts of the country was delayed by about a week as compared with the normal dates. But it made a rapid advance over north India and covered the entire country except west Rajasthan and the western parts of the Punjab by the end of the third week. Consequently, there was excess rainfall over northwest India, Uttar Pradesh and the central parts of the country during second fortnight. According to press reports, the Pathankot - Jullundar railway lines were breached at several points due to heavy rains and traffic on this sector had to be suspended during the third week. Torrential rains were also reported to have caused widespread damage in Dehra Dun during the last week. A western disturbance which moved eastwards across the extreme north of the country during the period 11th - 12th caused dust or thunderstorms at a number of places in northwest India.

Day temperatures were above normal over practically the entire north and central India from the beginning of the month. With further rise in the day temperatures a moderate to severe heat wave affected Uttar Pradesh, western parts of Bihar State and north Madhya Pradesh on 6th. It extended eastwards upto West Bengal by the next day. From 9th to 12th, the heat wave was confined to east Uttar Pradesh, Bihar State and adjoining areas of east Madhya Pradesh, Gangetic West Bengal and adjoining parts of Orissa. The highest maximum temperature of 49°C was recorded at Orai and Banda in Uttar Pradesh on 8th while the highest departure of maximum temperature from normal of plus 12°C was reported from Berhampore in Gangetic West Bengal on 9th. The heat wave abated after the 12th. According to press reports, the heat wave claimed about 100 lives in Uttar Pradesh, 300 in Bihar State and 60 in Asansol. Day temperatures remained generally below normal over northwest India and Uttar Pradesh during the second fortnight, being markedly so over northwest India during the third week and also over Uttar Pradesh during the last week. They were also below normal on most of the days over Assam. Over the Peninsula day temperatures were above normal during the second and fourth weeks.

The monsoon continued to be fairly active over northeast India, east Uttar Pradesh and east Madhya Pradesh during the first three days of July in association with a low pressure area moving from east Uttar Pradesh to Sub-Himalayan West Bengal. Later the axis of the monsoon trough shifted northwards to the foot of the Himalayas and the rainfall activity continued over Assam and Sub-Himalayan West Bengal. According to press reports, the entire plains of Assam were in the grip of a second wave of floods with breaches of bunds of the Brahmaputra.

An active western disturbance moved eastwards across northwest India during the period 3rd to 7th causing good rainfall there. The monsoon also advanced further to cover the entire country by 6th.

The monsoon continued to be weak over the Peninsula and also over the central parts of the country during the first week. However, coastal Mysore and Kerala received moderate to heavy rainfall on a few days. A very serious situation developed in regard to supply of water to Bombay city and suburbs due to the prolonged absence of rains in the catchment areas of the lakes in Western Ghats. However, thunderstorms occurred during the second week over many parts of the Peninsula giving welcome relief.

Under the influence of a low pressure area moving in a northwesterly direction from the south Peninsula to northeast Arabian Sea during the period 8th to 17th, a general revival of the monsoon activity took place by about the middle of the second week. This activity was evenly maintained thereafter till the end of the month due to four low pressure systems moving inland from the north Bay of Bengal. The first system was a depression which formed over the north west Bay on 17th and moving westnorthwestwards merged in to the seasonal low by 21st. This was followed by two low pressure areas, which moved in quick succession from the northwest and adjoining west central Bay of Bengal and merged into the seasonal trough over Bihar Plateau and neighbourhood during the period 21st to 27th. A depression which formed on 28th morning with centre about 200 Km. south of Calcutta, moved westnorthwestwards and lay centred about 100 Km. north of Jabalpur on 31st morning. Spells of heavy rains occurred over the central parts of the country and adjoining areas during the second fortnight in association with these systems.

The monsoon activity was mainly confined to north and central India during August. The depression which lay over north Madhya Pradesh at the end of July shifted northwards and merged into the seasonal trough by 2nd. A low pressure area which formed over Gangetic West Bengal on 6th moved to northwest Uttar Pradesh and the Punjab and weakened by 12th. Another feeble low pressure area also moved similarly from Bihar Plateau and adjoining Gangetic West Bengal to the Punjab during the period 12th to 22nd. These systems helped to maintain the monsoon activity over north and central India during the first three weeks. According to newspaper reports, the rivers in the Punjab rose in spate during the third week causing breaches of bunds and flooding of a few low-lying villages in Punjab and Rajasthan.

The axis of the monsoon trough shifted northwards and lay close to the foot of the Himalayas during the last week. Consequently the rainfall over the central parts of the country decreased considerably while there was heavy rainfall over the Himalayas and adjoining plains. The rainfall, however, decreased towards the end of the month. Heavy rains were reported to have caused serious floods in the northern parts of Assam, West Bengal and Bihar State during the last week.

Over the Peninsula the monsoon remained feeble during the month. However, there were spells of good rainfall in the southeastern parts. There was also well distributed rainfall over the Peninsula towards the end of the month when two troughs of low pressure developed,one over the north Peninsula and adjoining Bay of Bengal and the other over east central Arabian Sea off Mysore coast.

While the trough of low pressure over the east central Arabian Sea off Mysore coast shifted northwards and weakened at the beginning of September, the other trough of low pressure over the north Peninsula and adjoining Bay of Bengal intensified and a depression formed by 2nd evening with centre about 200 Kms. east of Puri. Moving initially westwards, it later recurved northeastwards and finally broke up over the western Himalayas by 9th. Under its influence,there was a general revival of the monsoon activity over the country which was maintained till 10th. The monsoon was particularly active over the north Peninsula, central parts of the country and northwest India. According to press reports, the flood waters of the Jhelum caused breaches of its embankments and inundated 50 villages in Srinagar valley. Air and road communications were also disrupted.

A low pressure area which persisted over the north Bay of Bengal from 9th to 14th and then moved to south Assam caused good rainfall over northeast India with heavy falls in Assam. In association with an upper air trough over the Peninsula, a spell of good rainfall occurred there during the third week. Moderate rainfall occurred over the Western Himalayas during the early parts of the third week due to an upper air trough moving eastwards across the Punjab.

The monsoon began to withdraw from northwest India from 20th and by the end of the month it had withdrawn from Gujarat State, west Madhya Pradesh and Uttar Pradesh also.

With the development of two cyclonic storms, one in the Bay of Bengal and the other in the Arabian Sea, a spell of good rains occurred over the Peninsula at the end of the month. The cyclonic storm in the Bay originated from a low pressure area which had moved from the east into the southeast Bay on 25th. The low pressure area concentrated into a depression on 27th morning centred near Lat. 9.5°N and Long. 90.0°E. Moving initially northwards and later taking a northwesterly course it intensified into a cyclonic storm centred near Lat. 15.0°N and Long. 85.5°E on the morning of the 29th. The storm recurved northeastwards and becoming severe in the course of its movement,crossed the East Pakistan coast by the morning of 1 October. Later it weakened and broke up against the Assam Hills. It caused well distributed rainfall over northeast India with heavy rains in Assam. A depression formed in the east central Arabian Sea off north Kerala and Mysore coasts on 29th morning centred near Lat. 12.5°N and Long. 72.5°E. Persisting there with no appreciable movement it intensified into a cyclonic storm of small extent by 1 October.

The rainfall for the period was in large excess in Assam, Sub-Himalayan West Bengal, Orissa, West Uttar Pradesh, Jammu and Kashmir, Rayalaseema, Madras and the Arabian Sea Islands, in moderate excess in Punjab and in slight excess in West Rajasthan. It was in slight defect in Coastal Andhra Pradesh, Telangana and North Interior Mysore, in moderate defect in Himachal Pradesh and South Interior Mysore. It was in large defect over the rest of the country.

The mean maximum temperature was above normal in Bihar Plateau, East Uttar Pradesh, West Madhya Pradesh, Madhya Maharashtra, Marathwada, Vidarbha and Telangana. It was normal over the rest of the country.

The mean minimum temperature was normal all over the country.

The relative humidity in the morning was below normal in West Rajasthan and it was normal over the rest of the country.

The relative humidity in the evening was above normal in Jammu and Kashmir, below normal in Bihar Plateau, East Uttar Pradesh, Rajasthan, West Madhya Pradesh, Gujarat, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean cloud amount in the morning was below normal in East Uttar Pradesh and normal over the rest of the country.

The mean cloud amount in the evening was normal all over the country.

IV. Post Monsoon Period - October to December

The depression in the Arabian Sea off the Mysore and north Kerala coasts intensified into a cyclonic storm by the morning of 1st October centred about 200 Kms. west of Mangalore. Moving slowly in a northerly direction, it weakened into a depression by 3rd morning. Later it moved northwestwards and further weakened into a low pressure area by 5th. Thereafter it moved away westnorthwestwards. Under its influence, there was good rainfall over the southwestern parts of the Peninsula.

The monsoon withdrew in slow stages from the remaining parts of north and central India and from the north Peninsula by 9th and was later confined to the south Peninsula.

The rainfall activity over the south Peninsula continued to be good for the rest of the month when a series of low pressure systems moved westwards across the area. The first system was an upper air cyclonic circulation which developed over the Madras State and adjoining Bay of Bengal on 6th and moved away slowly westwards across the Laccadive area by 10th.

The second disturbance moved as a low pressure area from the east at the beginning of the second week and intensified into a depression by 11th morning centred near Lat. 12°N and Long. 86°E. Taking a northwesterly course it weakened into a low pressure area on approaching the Andhra Coast on 12th. The southern end of the trough over the south Peninsula got accentuated and it moved away westwards across the Laccadive area by 18th. In association with it, there was good rainfall over the south and the northeast Peninsula and over northeast India.

The next system was a low pressure area which moved from the southwest Bay of Bengal to southeast Arabian Sea during the period 18th to 21st. It intensified into a depression on 22nd morning centred near Lat. 12°N and Long. 70°E. Taking a westerly course, it weakened over the extreme west Arabian Sea by 25th. This was followed by an upper air low which moved westwards across the extreme south Peninsula during the period 24th - 28th and a low pressure wave from the south Andaman Sea to Comorin area during the period 26th - 31st.

Although five western disturbances affected northwest India, the precipitation over the area during the month was in defect except over Jammu and Kashmir where it was in excess. Of these five disturbances, the second and third ones were active, the third one affecting many parts of north India during the third week.

Night temperatures were below normal over northeast India during the first eleven days of the month and again during the last week. They were also below normal over northwest India on a few days during the first fortnight and over the south Peninsula during the last week. They remained above normal over northwest India during the second half of the month. They were also above normal over Gujarat State and the central parts of the country from 6th to 9th and again during the period 20th to 24th.

Day temperatures remained above normal almost throughout the month over the country outside the extreme northwestern and northeastern parts of the country and the south Peninsula, being appreciably to markedly so over the central parts of the country on a number of days. Even over northwest India, day temperatures were above normal during the first and third weeks and over northeast India during the last week. They became below normal over the south Peninsula from 4th to 15th and again from 18th to 24th.

The unusually severe activity of cyclonic storms with a record number of four severe cyclonic storms in the Bay of Bengal caused sustained rainfall activity over the south Peninsula throughout November.

A low pressure area moving into south Andaman Sea on 31st October intensified into a depression by the morning of 1st November with centre near Lat. 9°N and Long. 94.5°E. Moving westwards it further intensified into a cyclonic storm by the next morning centred near Lat. 9.5°N and Long. 88.0°E. Later it moved rapidly in a northwesterly direction and intensifying into a severe cyclonic storm with a core of hurricane winds by the 3rd morning crossed the north Madras coast between Cuddalore and Madras the same afternoon. It soon weakened into a depression and took a westnorthwesterly course. Emerging into the Arabian Sea near Calicut by the morning of 5th, it moved westwards somewhat slowly and again intensified into a cyclonic storm by the morning of 7th with centre near Lat. 11.0°N and Long. 68.0°E. Thereafter, it took a northwesterly course and further intensified into a severe cyclonic storm with a core of hurricane winds by 10th morning centred at Lat. 15.5°N and Long. 61.0°E. On approaching the Arabian coast on 12th, the storm gradually weakened. Under its influence, heavy to very heavy rains occurred over the Bay Islands and the south Peninsula. Nellore recorded 22 cm. of rain on 4th. Strong gales lashed the north Madras coast on 3rd and the Madras harbour suffered heavy loss. Three ships were grounded, one of them S.S.Progress, splitting into two. In addition to the 26 members of the crew of the above ship, a few others on the main-land also lost their lives. Chingleput and south Arcot districts were severely hit by the storm and suffered extensive damage. Low lying areas were inundated due to the heavy rains and communications seriously interrupted.

Another low pressure area which formed over southeast Bay of Bengal on 7th November moved westnorthwestwards and progressively intensified into a depression by the next morning with centre near Lat. 8.0°N and Long. 84.0°E. Moving across extreme north Ceylon and Palk Strait, it crossed south Madras coast near Tondi during the night of 9th - 10th and weakened into a depression. It emerged into the Arabian Sea near Mangalore by 11th morning and taking a northnorthwesterly course it again intensified into a severe cyclonic storm by the morning of 12th centred near Lat. 14.5°N and Long. 73.5°E. Thereafter it moved northwards, crossed coast near Ratnagiri by 13th evening and weakened into a depression. Moving northeastwards it further weakened into a low pressure area by 15th morning over Vidarbha and neighbourhood and became unimportant by 18th. Widespread heavy rains occurred in the south Peninsula during the second week of November. The rainfall belt also extended progressively northwards to central India and to many parts of north India. According to press reports, the heavy rains in the Madras State caused breaches of tanks and flooding of low lying areas and seriously affected the standing crops and harvesting operations. The cyclone also affected seriously the coastal shipping and fishing craft along the west coast. Ratnagiri district suffered extensive damage and Ratnagiri town was completely cut off following the cyclone havoc. The rainfall over the drought hit areas of north and central India were reported to be beneficial to standing crops and eased the water scarcity considerably.

A low pressure area moving from the east concentrated into a depression by the morning of 18th November with centre near Lat.9.5 °N and Long. 87.0°E. Moving northwestwards it intensified into a cyclonic storm by 19th morning centred near Lat. 13.0°N and Long. 85.0°E. Later it moved northwards and further intensified into a severe cyclonic storm by 20th morning centred near Lat. 14.5°N and Long. 85.0°E. It crossed the coast near Calingapatam on the night of 21st - 22nd and rapidly weakened into a low pressure area by 22nd evening. It persisted as a low pressure area over southwest Orissa and adjoining Madhya Pradesh and Andhra Pradesh till 24th and became unimportant later. In association with it, heavy rains occurred in coastal Andhra Pradesh and coastal Orissa. Vishakhapatnam recorded a very heavy fall of 21 cm. of rain on 22nd.

A low pressure area moved from the east into the south Andaman Sea on 22nd November and concentrated into a depression by the morning of 25th, with centre near Lat. 10.0°N and Long. 95.0°E. Moving in a west to westnorthwesterly direction it intensified into a cyclonic storm by 25th morning centred near Lat. 11.5°N and Long. 85.5°E. Intensifying further into a severe cyclonic storm during the same night it crossed coast near Madras on 28th morning and rapidly weakened into a depression. Moving across the Peninsula it emerged into the Arabian Sea near Karwar on 30th morning and weakened into a low pressure area by 1st December. Under its influence, heavy rainfall occurred in the Bay Islands and over the Peninsula. Car Nicobar recorded 31 cm. of rain and Nancowry 22 cm. on 25th. On the west coast Honavar reported 33 cm. of rain on 30th. According to press reports two adults and a child were killed, one of the adults being blown off from the terrace of a building when the cyclonic storm hit Madras.

While the activity of cyclonic storms in the south was abnormally high, there was only feeble activity of western disturbances over northwest India leading to deficit precipitation there. An upper air cyclonic circulation developed over the Punjab and neighbourhood on 11th and persisted there till 14th. It caused light to moderate precipitation over the Western Himalayas. Another upper air cyclonic circulation persisted over northwest India during the period 17th to 20th. Simultaneously Gujarat State was also affected by a fresh upper air cyclonic circulation. In association with these developments, isolated precipitation occurred over northwest India and adjoining areas.

Night temperatures remained above normal over the central parts of the country and most parts of the Peninsula, being appreciably to markedly so from 11th onwards. They were also above normal over Gujarat State from 6th to 27th and over Uttar Pradesh and northeast India during the second fortnight, being markedly so over northeast India during the last week. Night temperatures were below normal over northeast India from 4th to 11th and over northwest India during the last week.

The depression which was lying close to the Mysore and south Maharashtra coasts on 30th November weakened into a low pressure area on 1st December. Shifting slightly eastwards, it became unimportant by 3rd. At the same time a trough of low pressure also lay extending from the centre of the disturbance to east Uttar Pradesh. Under the combined influence of these two systems, there was a spell of good rainfall over the country outside northwest India and Gujarat State during the first three days of the month. A low pressure area moving from the southwest Bay of Bengal to Maldive area during the period 4th - 8th caused well distributed rainfall in the south Peninsula.

A well marked low pressure area moving from the east concentrated into a depression by the evening of 7th December with centre near Lat. 8.0°N and Long. 88.0°E. Moving northwestwards, it intensified into a cyclonic storm on 9th morning centred near Lat. 10.5°N and Long. 85.5°E. Later it began to recurve northeastwards and crossed the East Pakistan coast near Chittagong by the night of 12th-13th. Weakening rapidly into a low pressure area it moved away eastwards across south Assam on 13th. Under its influence, there was good rainfall in the Bay Islands, Assam and Gangetic West Bengal.

Another low pressure area from the east moved into the south Andaman Sea on 13th. It intensified into a depression by the morning of 16th with centre near Lat. 8.0°N and Long. 90.0°E. Moving in a westnorthwesterly direction it further intensified into a deep depression by 18th morning with centre near Lat. 9.5°N and Long. 86.0°E. It took a westerly course from 19th morning and weakened into a low pressure area by 20th off the Madras coast. Moving across the extreme south Peninsula it passed over the Maldive area by 22nd. It caused good rainfall in the Bay Islands and the Madras State.

Over northwest India, there was no activity of western disturbances during the first three weeks. Consequently weather remained dry over the area during that period. However, during the last week two western disturbances affected the area. The first disturbance appeared over the northern divisions of West Pakistan on 24th. Moving eastwards it lay over the Punjab and north Rajasthan the next day. It finally moved away across the Western Himalayas by 26th causing light to moderate precipitation over the Western Himalayas. The other western disturbance which lay over West Pakistan on 28th moved away eastwards across northwest India by the end of the month. An induced low also formed over south Rajasthan on 28th. Moving eastwards to east Uttar Pradesh it weakened by the end of the month. In association with these developments light to moderate precipitation occurred over northwest India and Uttar Pradesh.

Moderate to severe cold wave conditions prevailed over west Madhya Pradesh and adjoining east Rajasthan during the period 10th to 13th. Night temperatures were also below normal over northwest India and Uttar Pradesh till 24th and over the rest of the country outside the south Peninsula from 16th till 24th, being appreciably to markedly so over Madhya Pradesh during the second week and over northeast India during the third week. They continued to be below normal over northeast India till the end of the month. Night temperatures were above normal over the Peninsula during the first week, being markedly so over north Peninsula. They continued to be above normal over north Peninsula till 10th.

The rainfall for the period was in large excess in the Bay Islands, South Assam, Konkan, Rayalaseema, Madras, Coastal Mysore, South Interior Mysore, Kerala and the Arabian Sea Islands, in moderate excess in Coastal Andhra Pradesh and North Interior Mysore and in slight excess in Jammu and Kashmir. It was in slight defect in Gangetic West Bengal, Orissa, Bihar Plateau and East Madhya Pradesh, in moderate defect in Bihar Plains, Uttar Pradesh, Punjab, Himachal Pradesh, East Rajasthan, West Madhya Pradesh, Gujarat and Saurashtra and Kutch, and in large defect in North Assam and Sub-Himalayan West Bengal. It was normal over the rest of the country.

The mean maximum temperature was above normal in Bihar Plateau, East Rajasthan, Madhya Pradesh, Gujarat, Saurashtra and Kutch, Madhya Maharashtra, Marathwada and Vidarbha. It was normal over the rest of the country.

The mean minimum temperature was above normal in Gujarat, Madhya Maharashtra and Vidarbha and below normal in Jammu and Kashmir. It was normal over the rest of the country.

The relative humidity in the morning was above normal in Jammu and Kashmir and below normal in Uttar Pradesh, East Rajasthan, Madhya Pradesh, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

The relative humidity in the evening was above normal in Jammu and Kashmir and below normal in East Uttar Pradesh, Himachal Pradesh, East Rajasthan, Gujarat and Vidarbha. It was normal over the rest of the country.

The mean cloud amount in the morning was above normal in South Assam, Bihar Plains, East Madhya Pradesh, Marathwada and North Interior Mysore and below normal in Himachal Pradesh, Jammu and Kashmir, West Rajasthan, Gujarat region and Saurashtra and Kutch. It was normal over the rest of the country.

The mean cloud amount in the evening was above normal in Vidarbha and below normal in Punjab, Himachal Pradesh, Jammu and Kashmir, Rajasthan, Gujarat and Saurashtra and Kutch. It was normal over the rest of the country.

<u>Note</u> :-

1) The Indian Standard Time used in this 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 the 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 1966

	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.
Division								
1. Assam (Including Manipur and Tripura)	2559.9	105	29.2	18.6	81	73	4.4	3.9
	+124.4		+0.2	-0.3	+1	-1	-0.1	-0.1
2. West Bengal	1580.5	84	31.9	20.7	72	64	3.3	3.2
	-291.1		+0.8	-0.2	-1	-1	-0.4	-0.4
3. Orissa	1523.6	100	32.5	21.1	73	62	3.7	4.0
	+3.7		+0.8	-0.4	0	+1	0	-0.1
4. Bihar	843.8	66	32.2	19.4	65	54	2.8	3.0
	-440.3		+0.9	-0.3	-3	-2	-0.4	-0.3
5. Uttar Pradesh	903.7	82	32.4	17.9	63	47	2.2	2.4
	-193.2		+1.1	-0.5	-4	-4	-0.4	-0.3
6. Punjab (Including Himachal Pradesh & Delhi)	827.3	95	31.2	16.3	66	44	2.2	2.2
	-45.9		+0.3	-0.4	-1	-1	-0.3	-0.3
7. Jammu and Kashmir	776.2	126	20.9	8.2	67	57	3.6	4.0
	+161.7		0	-0.5	+2	+6	0	-0.1
8. Rajasthan	417.4	77	33.5	18.3	54	35	1.9	2.2
	-127.3		+0.9	-0.3	-5	-5	-0.3	-0.4
Sub-Division								
1. Bay Islands	2816.3	91	30.4	24.0	80	83	5.2	5.2
	-168.2		+0.6	-0.1	0	-1	-0.2	-0.2
2. North Assam (Including NEFA)	2369.7	102	29.4	18.8	82	73	4.3	3.7
	+35.7		+0.3	-0.3	+1	-2	-0.3	-0.3
3. South Assam (Including Nagaland, Manipur and Tripura)	3002.5	112	28.7	18.3	80	73	4.5	4.2
	+328.3		-0.2	-0.2	+1	-1	+0.2	+0.2
4. Sub-Himalayan West Bengal	2829.1	98	30.5	19.2	76	66	3.5	3.0
	-49.0		+0.8	-0.1	0	-2	-0.3	-0.4
5. Gangetic West Bengal	1148.6	75	32.4	21.3	71	64	3.1	3.4
	-380.1		+0.8	-0.3	-2	-1	-0.4	-0.3
6. Orissa	1523.6	100	32.5	21.1	73	62	3.7	4.0
	+3.7		+0.8	-0.4	0	+1	0	-0.1
7. Bihar Plateau	986.4	72	32.1	19.4	62	51	2.7	3.5
	-379.0		+1.1	-0.2	-3	-4	-0.6	-0.4
8. Bihar Plains	739.3	60	32.2	19.3	68	57	2.8	2.7
	-487.6		+0.7	-0.5	-2	-1	-0.2	-0.3
9. Uttar Pradesh, East	748.1	64	33.2	18.7	63	47	2.2	2.3
	-350.4		+1.2	-0.5	-5	-5	-0.4	-0.3
10. Uttar Pradesh, West	1125.6	103	31.1	16.8	62	46	2.1	2.5
	+32.3		+0.9	-0.6	-3	-1	-0.4	-0.2
11. Punjab (Including Delhi)	732.3	97	31.5	16.7	64	43	2.2	2.1
	-21.6		+0.2	-0.5	-1	-1	-0.1	-0.3
12. Himachal Pradesh	1348.5	89	29.4	14.3	78	50	2.5	3.0
	-174.4		+1.1	-0.3	-3	-3	-1.5	-0.7
13. Jammu and Kashmir	776.2	126	20.9	8.2	67	57	3.6	4.0
	+161.7		0	-0.5	+2	+6	0	-0.1
14. Rajasthan, West	309.8	95	34.1	18.2	54	34	1.8	2.1
	-18.0		-0.9	-0.6	-5	-3	-0.2	-0.2
15. Rajasthan, East	505.6	70	33.1	18.4	55	36	2.0	2.3
	-217.2		+0.9	-0.1	-6	-6	-0.3	-0.5
16. Madhya Pradesh, West	743.1	70	33.1	18.6	55	35	2.7	3.1
	-325.4		+1.2	0	-5	-5	-0.4	-0.4

	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.
Division (Contd.)								
9. Madhya Pradesh	856.5	71	33.0	19.1	58	41	2.9	3.4
	-317.5		+1.1	+0.2	-5	-4	-0.2	-0.3
10. Gujarat State	453.3	64	33.7	20.7	64	44	2.5	2.2
	-252.2		+0.9	+0.1	-4	-3	-0.5	-0.5
11. Maharashtra State	1265.0	86	32.9	21.0	65	48	3.4	3.8
	-202.0		+0.7	+0.2	-1	-3	0	0
12. Andhra Pradesh	924.6	103	33.6	23.0	72	54	4.0	4.1
	+22.7		+0.7	+0.3	0	-1	-0.1	-0.2
13. Madras State	1222.6	131	33.0	23.7	76	62	4.8	4.9
	+287.2		+0.7	+0.3	+2	+1	+0.2	+0.1
14. Mysore	1445.8	96	31.0	20.6	76	55	4.5	4.8
	-53.4		+0.4	+0.3	+1	0	+0.1	+0.1
15. Kerala	2340.9	90	31.4	23.9	82	72	5.0	5.5
	-257.7		+0.4	+0.3	+1	0	+0.1	+0.1
Sub-Division (Contd.)								
17. Madhya Pradesh, East	1008.2	73	32.8	19.6	61	46	3.2	3.8
	-376.7		+1.1	+0.4	-4	-3	-0.1	-0.1
18. Gujarat Region	625.9	73	34.7	20.7	61	37	2.4	2.1
	-235.5		+0.9	+0.3	-5	-4	-0.5	-0.5
19. Saurashtra & Kutch (Including Diu)	342.5	56	33.0	20.8	65	48	2.4	2.3
	-264.5		+1.0	-0.1	-4	-3	-0.5	-0.5
20. Konkan (Including Goa)	1999.5	81	31.0	23.3	77	71	3.8	3.6
	-468.2		+0.5	-0.2	+1	-1	-0.1	-0.1
21. Madhya Maharashtra	909.3	85	33.5	19.5	64	41	3.3	3.7
	-161.1		+0.7	+0.1	0	-1	+0.1	-0.1
22. Marathwada	712.8	93	33.3	19.3	55	36	3.4	4.1
	-51.1		+0.5	+0.2	-4	-5	+0.1	+0.1
23. Vidarbha	1156.1	97	34.0	21.2	59	40	3.3	3.9
	-33.0		+0.9	+0.3	-4	-5	-0.1	0
24. Coastal Andhra Pradesh	985.9	100	33.3	23.9	75	64	4.2	4.1
	+1.9		+0.7	+0.2	0	-1	0	-0.1
25. Telangana	922.1	97	34.0	22.3	69	45	3.9	3.9
	-24.3		+0.7	+0.5	0	-1	0	-0.3
26. Rayalaseema	823.5	124	33.5	22.1	70	47	3.9	4.5
	+158.6		+0.4	+0.1	+3	+1	-0.3	-0.2
27. Madras State	1222.6	131	33.0	23.7	76	62	4.8	4.9
	+287.2		+0.7	+0.3	+2	+1	+0.2	+0.1
28. Coastal Mysore	3101.5	87	30.5	23.4	82	73	4.6	4.6
	-458.5		-0.2	+0.4	+1	-1	0	-0.1
29. Interior Mysore, North	947.5	112	32.2	20.4	70	49	4.2	4.9
	+103.2		+0.4	-0.4	+2	0	+0.5	+0.5
30. Interior Mysore, South	1032.2	100	30.3	19.4	79	51	4.6	4.9
	+1.7		+0.6	+0.3	+1	0	-0.1	0
31. Kerala	2340.9	90	31.4	23.9	82	72	5.0	5.5
	-257.7		+0.4	+0.3	+1	0	+0.1	+0.1
32. Arabian Sea Islands	1676.5	107	30.8	25.1	79	72	4.9	5.2
	+103.8		+0.3	+0.1	+1	-4	+0.1	-0.1

Note :- The entries in the second line for each division & sub-division indicate departures from normal. (Based on data from meteorological observatories only as in Monthly Weather Reports).

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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	30.4	+1.3	35.2	IV	24.1	+0.3	20.3	I,II	1134.0	2284.9	-630.4	75.8	XII	123	-7.0	13.8	10.0	+0.9	2	163	0	0	55	0	0	0	0	0	0
Long Island #																													
Port Blair	30.6	+1.0	34.6	IV	23.3	-0.2	18.2	I	1218.1	2927.7	-201.9	108.4	V	120	-20.5	14.3	10.9	-2.6	13	182	0	0	58	20	0	0	0	23	2
Car Nicobar	30.5	+0.2	33.6	IV	23.7	-0.2	16.7	III	1411.8	3146.2	+305.5	308.6	XI	141	+10.8	6.5	4.4	-0.5	0	163	0	0	26	0	0	0	0	0	0
Nancowry	31.1	+0.5	36.3	IV	25.0	+0.4	22.2	VII	1364.9	2948.5	+203.8	115.0	IX	137	-11.3	6.3	4.9	-0.6	5	184	0	0	69	0	0	0	0	0	0
Kondul	29.3	+0.2	32.3	IV	24.4	-0.5	21.6	XI	1272.1	3000.3	-226.5	192.2	V	141	-17.6	#	#	-	2	169	0	0	23	0	0	0	0	0	0
NORTH ASSAM (INCLUDING NEFA)																													
Passighat	27.7	+0.1	36.6	V,VII	17.5	-1.6	8.8	I	1534.4	4798.5	+475.5	191.4	VI	125	-3.3	7.1	9.6	+0.1	12	145	0	0	44	0	0	0	0	0	0
Dibrugarh (Mohanbari)	28.2	+0.4	35.6	VII	18.3	+0.1	5.2	XII	464.2	2824.5	-17.5	153.8	VI	119	-15.8	6.1	4.0	+0.7	4	155	0	3	95	24	0	0	0	1	0
Digboi #																													
North Lakhimpore	28.4	+0.4	35.9	V	17.4	-0.7	3.9	XII	535.4	3007.1	-380.7	136.6	VI	112	-24.4	6.5	4.2	-	8	158	0	0	69	9	0	0	0	1	0
Sibsagar	29.0	+0.7	35.2	VII, VIII, IX	-	-	-	-	285.5	2206.1	-333.2	95.0	VII	115	-13.4	5.6	4.4	0	0	159	0	2	88	75	0	0	0	0	0
Gohpur	28.4	-0.5	36.7	V	17.4	-0.7	3.9	XII	302.3	2216.1	+429.5	94.0	V	112	+33.4	4.7	3.4	-	4	141	-	-	-	-	-	-	-	-	-
Majbat	29.4	-	#	-	#	-	-	-	363.5 (1)	2248.4 (1)	-	-	-	-	-	6.4	4.2	+0.3	-	-	-	-	-	-	-	-	-	-	-
Jorhat (A)	29.1	-	36.0	V	19.0	-	6.7	XII	270.7	1928.2	-	98.2	IX	106	-	*	*	-	2	145	0	0	74	72	0	0	0	0	0
Tangla	30.2	+0.4	36.1	V	#	-		-	359.3	1827.2	-232.2	108.6	VI	68	-20.0	4.2	3.1	+1.1	0	72	0	0	3	0	0	0	0	0	0
Tezpur	30.0	+0.9	38.3	V	21.5	+1.9	9.6	XII	258.3	1912.5	+65.3	154.3	IX	98	-7.5	6.1	4.7	+1.6	2	136	0	6	48	1	0	0	0	0	0
Golaghat	29.4	+0.4	35.1	VII	17.6	-1.5	4.9	XII	313.3	1793.9	-60.1	139.8	VI	88	-14.9	*	*	-	0	108	0	1	12	3	0	0	0	0	0
Tangla	30.0	-0.1	37.2	V	19.2	+0.1	9.5	I	492.6	2160.6	+282.2	113.0	VI	89	+10.2	6.1	4.1	-	1	103	0	0	2	1	0	0	0	0	0
Chapermukh	30.3	-0.2	38.1	V	19.0	-0.8	7.0	XII	399.3	1792.5	+184.7	83.4	VII	59	-35.3	5.0	4.2	+0.2	0	68	0	2	41	29	0	0	0	0	0
Goalpara #																													
Gauhati (Bhorjor)	29.5	+0.2	38.0	IV	19.4	0	8.4	XII	505.1	1661.1	-140.1	90.5	VI	94	+2.3	6.8	4.6	-	9	127	0	3	107	49	1	2	10	8	1
Dhubri (Rupsi)	30.3	+0.4	41.3	V	19.2	+0.1	8.1	XII	737.1	3140.1	+550.5	216.6	VI	88	+3.4	9.0	7.2	+3.1	5	115	0	1	83	12	2	0	3	2	0
Dhubri	29.7	+1.4	41.2	V	19.7	-0.7	10.0	XII	710.3	2248.5	-358.4	185.2	VI	80	-17.5	12.0	8.9	+3.0	3	98	0	0	47	3	0	0	0	0	0
Lumding	30.7	+0.8	40.1	V	18.7	+0.4	6.2	I	386.1	1368.4	+43.0	151.7	VII	77	-5.9	4.8	3.3	-	0	104	0	0	4	0	0	0	0	0	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																													
Tura	28.7	+0.3	36.9	V	20.2	+0.8	11.4	XII	1183.2	3052.4	-241.8	204.7	VIII	100	-15.8	6.2	6.3	-0.2	4	133	0	0	0	0	0	0	0	0	0
Haflong	23.9	-2.0	30.8	VII, IX	17.2	-0.2	7.3	I	934.7	3133.7	+597.5	244.2	VI	120	-0.3	#	#	-	0	146	0	0	37	4	0	0	0	0	0
Silchar (Kumbhirgram)	29.8	-0.5	35.6	VII	19.5	+0.2	8.6	XII	860.6	4030.0	+625.3	156.8	VI	138	+7.8	6.1	7.3	+0.6	4	163	0	0	99	2	0	0	0	0	0
Silchar	29.7	-0.2	36.6	V	18.7	-1.2	6.1	XII	1021.6	4463.7	+1116.0	169.6	VI	138	+0.1	2.8	1.6	-0.2	5	158	0	0	96	0	0	0	0	0	0
Imphal (Tulihal)	26.9	+0.4	35.4	V	#	-	-	-	427.7	1764.8	+340.4	95.8	IX	95	+0.2	7.6	4.7	-1.1	12	137	0	1	59	22	0	0	0	0	0
Kailashahar	30.7	-0.1	36.9	V	19.5	+0.3	8.1	I	983.5 (d)	2491.6 (c)	-	-	-	-	-	5.4	3.7	+0.5	-	-	0	0	93	35	0	0	2	4	1
Agartala	31.0	+0.4	40.4	IV	18.9	-0.9	7.5	I	923.0	2080.1	-158.0	129.9	VI	101	+1.7	8.8	6.2	-0.7	5	127	0	1	82	33	0	0	3	5	0
SUB-HIMALAYAN WEST BENGAL																													
Baghdogra	30.5	+0.8	40.8	V	17.8	-0.5	6.5	I	634.2	3301.5	+170.0	249.4	VII	104	-1.3	11.4	9.5	+3.7	4	117	0	1	78	7	2	0	0	1	0
Jalpaiguri	29.7	+0.9	37.8	IV	19.5	+0.2	10.3	XII	560.7	3309.6	-	-	-	-	-	8.4	6.3	+0.9	-	-	0	0	65	3	0	0	0	0	0
Cooch Behar	29.8	+0.1	39.5	V	18.6	-0.8	7.5	XII	938.2	3748.4	+140.8	315.1	VI	106	-1.0	6.8	4.5	+0.5	1	132	0	0	102	39	0	0	0	2	0
Balurghat	31.9	-	43.4	V	19.7	-	7.7	I	416.8	1229.3	-	93.6	VI	70	-	5.3	4.7	-	1	88	0	1	11	0	1	0	0	0	0
Malda	32.1	+1.5	44.0	V	20.8	+0.6	7.7	XII	392.2	956.0	-497.1	145.0	VIII	61	-8.9	3.7	2.5	-3.8	0	77	0	0	59	3	10	0	1	0	0
GANGETIC WEST BENGAL																													
Berhampore	32.8	+0.9	46.9	VI	20.8	0	7.8	XII	501.5	1230.3	-186.3	74.8	VII	68	-10.8	4.2	2.7	-0.8	0	94	0	0	14	57	1	0	0	0	0
Suri	32.6	+0.8	47.8	VI	21.8	+0.7	8.0	XII	-	1274.5	-147.5	128.8	VI	57	-14.2	-	6.2	-1.6	1	85	0	0	11	0	0	0	0	0	0
Asansol	33.8	+1.8	47.7	VI	20.5	-0.3	5.3	XII	443.7	940.3	-529.0	80.1	IX	66	-11.1	9.2	6.3	-0.4	3	88	0	0	63	10	0	0	0	3	0

(d) Data for 361 days. (1) Data 353 days. (c) Data for 362 days. (A) Aerodrome. * Data not available. # Data not available for complete year, hence no annual means.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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.)																													
Shanti Niketan	32.6	-	47.0	VI	21.0	-	7.5	XII	533.6	1104.8	-	100.2	VI	62	-	8.4	7.5	-	5	87	0	0	67	3	0	0	0	0	0
Krishnanagar	33.3	+0.9	45.2	VI	19.3	-1.3	5.0	XII	711.5	1270.2	-203.4	113.2	IX	72	-8.8	5.9	4.7	-0.4	-	91	0	0	36	0	0	0	0	0	0
Purulia	32.9	+1.0	46.2	VI	20.9	-0.1	8.6	XII	437.9	840.0	-466.7	43.4	VI	56	-19.0	7.0	5.1	+0.4	8	72	0	0	62	2	7	0	0	0	0
Bankura	34.1	-	47.0	VI	21.1	-	7.2	XII	446.0	916.7	-504.8	97.2	VIII	50	-23.9	6.4	3.9	-	0	65	0	0	1	0	0	0	0	0	0
Burdwan	33.1	+1.4	44.5	VI	22.7	+1.3	9.6	XII	391.5	1095.5	-433.1	72.0	VIII	49	-28.6	#	#	-	0	68	0	0	1	0	0	0	0	0	0
Barrackpore (A)#																													
Calcutta (Dum Dum)	31.9	+0.5	42.3	V	21.8	+0.4	8.1	XII	601.0	1081.8	-441.5	77.9	VI	76	-7.6	10.1	7.5	-1.0	5	99	0	0	81	40	0	0	0	3	0
Calcutta	32.3	+0.5	43.2	V	21.5	-0.6	7.2	XII	626.5	1200.7	-424.1	73.8	VI	68	-16.1	8.2	6.1	+1.2	0	99	0	0	61	23	0	0	8	9	0
Midnapore	32.6	+0.4	45.0	V	19.7	-1.8	6.0	XII	655.6	1181.1	-378.6	72.6	VI	64	-16.7	6.7	5.3	+0.4	3	79	0	0	14	0	0	0	0	0	0
Contai	31.2	+0.5	40.6	V	21.1	-1.5	8.5	XII	474.2	(b) 1195.5	-	-	-	-	-	11.1	8.4	-0.9	-	-	0	0	2	19	0	0	0	0	0
Sagar Island	29.4	+0.1	38.1	V	23.8	+0.3	12.5	XII	447.6	1604.1	-198.6	107.3	IX	70	-9.1	19.9	19.0	+0.3	6	98	0	0	55	25	0	0	0	1	0
Sandheads	29.8	-	#	-	24.4	-	#	-	276.1	(c) 972.2	-	#	-	#	-	-	-	-	#	#	-	-	-	-	-	-	-	-	-
ORISSA																													
Baripada	33.6	+0.5	46.9	VI	20.6	-0.2	7.4	XII	777.5	1415.7	-442.8	94.6	VIII	70	-20.3	4.2	2.8	+0.3	1	104	0	0	111	13	0	0	0	0	0
Jharsuguda	33.8	+1.0	46.5	V	20.8	+0.2	7.4	I	378.0	1199.7	-339.5	113.8	VI	61	-12.9	9.0	6.8	-0.6	6	85	0	0	84	3	0	0	0	24	0
Keonjhargarh	31.3	+0.7	41.3	V,VI	18.1	-1.7	2.2	XII	311.9	1067.7	-236.4	60.3	VI	65	-12.9	7.4	5.5	-0.2	9	87	0	0	0	0	0	0	0	0	0
Balasore #																													
Sambalpur	33.8	+0.9	45.1	V	20.2	-0.6	6.8	XII	545.2	1391.4	-243.0	136.7	VI	56	-17.5	#	#	-	0	68	0	0	0	0	0	0	0	0	0
Angul	33.5	+1.0	44.7	V	20.4	-1.1	7.8	I	539.0	1013.3	-282.2	86.0	VIII	64	-8.8	8.2	6.5	-0.5	6	78	0	0	52	12	0	0	0	0	0
Chandbali	32.4	+0.9	45.4	V	21.8	-0.3	9.0	XII	550.8	1356.6	-352.0	108.0	VII	51	-25.2	10.4	7.9	-1.5	1	62	0	0	3	8	0	0	0	1	0
Balangir	34.1	+1.1	46.5	V	23.0	+1.3	7.5	I	559.4	1435.2	-48.1	130.8	VII	66	-0.4	7.3	6.4	-0.5	0	80	0	0	11	1	0	0	0	0	0
Bhubani	30.9	-	44.0	V	18.0	-	2.6	XII	352.2	988.0	-	49.4	IX	61	-	5.9	3.1	-	8	88	0	0	20	10	0	0	0	0	0
Cuttack	33.8	+0.9	45.1	V	22.7	+0.2	10.6	I	622.7	1386.9	-152.4	90.4	VII	64	-12.0	6.4	4.9	-0.4	1	75	0	0	13	0	0	0	0	0	0
Titlagarh	34.6	+1.6	46.7	V	22.0	+0.7	7.8	I	618.6	1279.6	-228.9	79.8	X	63	-8.5	6.3	4.3	+1.0	0	77	0	0	7	0	0	0	0	0	0
Bhubaneswar	32.8	+0.3	45.8	V	21.9	-0.5	10.4	XII	635.5	1407.7	-202.8	161.3	VII	59	-17.5	15.2	12.1	-2.2	3	86	0	0	62	27	0	0	0	3	0
Puri	30.3	+0.3	41.0	V	23.0	-1.1	12.3	XII	584.5	1205.9	-166.7	164.8	VII	47	-15.8	#	#	-	2	68	0	0	14	0	0	0	0	0	0
Gopalpur	30.4	+0.1	40.4	V	22.3	-0.7	11.4	XII	499.1	1018.9	-129.7	106.2	XI	54	+0.2	17.2	13.5	-1.5	12	77	0	0	38	4	0	0	0	3	0
Koraput	28.8	+0.7	39.8	V	#	-	-	-	567.4	1412.2	-290.2	121.6	IX	73	-12.9	#	#	-	0	99	0	0	4	0	0	0	0	0	0
BIHAR PLATEAU																													
Dumka	33.1	+1.5	47.2	VI	20.2	+0.2	7.2	XII	387.8	945.9	-534.2	66.0	VIII	64	-14.1	7.6	4.5	+0.2	3	79	0	0	8	2	0	0	0	0	0
Daltonganj	33.7	+1.9	46.3	V	19.1	+0.1	3.4	XII	231.8	537.3	-704.8	48.0	VI	41	-22.9	4.6	3.5	-1.0	0	50	0	0	19	0	0	0	0	0	0
Hazaribagh	30.2	+0.8	42.8	V,VI	17.8	-0.4	3.1	XII	394.9	739.6	-599.1	105.4	VIII	46	-28.8	11.2	8.7	+0.6	2	75	0	0	49	8	0	0	0	0	0
Dhanbad	32.7	+1.6	46.2	VI	21.1	+0.7	9.2	I	458.9	913.4	-432.5	76.8	VIII	39	-13.1	5.8	4.4	-3.4	0	67	0	0	19	0	0	0	0	0	0
Ranchi	30.6	+1.1	43.1	VI	17.2	-0.7	4.7	I,XII	460.9	991.5	-521.2	58.0	I	61	-19.9	6.4	5.0	0	0	67	0	0	12	0	0	0	0	0	0
Ranchi (A)	29.9	+0.8	42.5	VI	18.7	+0.1	6.1	I,XII	513.4	1100.7	-236.5	140.0	VI	64	-10.8	11.8	9.4	-0.2	3	75	0	0	69	4	2	0	1	3	0
Jamshedpur	33.4	+1.0	45.1	VI	19.7	-1.0	4.9	XII	498.0	1310.8	-140.3	133.6	VIII	66	-10.5	8.1	5.8	+0.4	2	81	0	2	22	30	17	0	0	7	0
Jamshedpur (R.R.O.)	32.9	+0.6	45.5	VI	20.5	-0.2	6.3	XII	488.7	1257.4	-1.2	141.5	VIII	66	-3.5	#	#	-	7	87	0	1	84	2	0	0	0	8	0
Chaibasa	33.1	+0.8	44.5	V,VI	20.1	-0.5	6.5	XII	444.2	1079.2	-241.9	124.2	VI	61	-13.9	4.2	2.9	-0.1	1	85	0	0	54	0	0	0	0	0	0
BIHAR PLAINS																													
Motihari	31.3	+0.7	42.4	V	17.3	-1.4	3.2	I	368.9	1164.3	-100.0	122.6	VIII	47	-10.2	6.4	4.0	+0.2	1	57	0	0	9	1	3	0	0	0	0
Forbesganj	30.4	-1.1	43.4	V	19.0	+0.4	6.7	I	428.2	1341.8	-394.5	117.4	VII	64	-7.0	6.7	4.3	-2.1	1	89	0	0	40	20	0	0	0	0	0
Darbhanga	30.9	+0.1	42.0	VI	19.6	-0.1	7.3	I	223.6	645.6	-614.1	72.0	VII	39	-18.2	5.1	4.5	+0.2	0	43	0	0	13	1	4	0	0	0	0
Muzaffarpur #																													
Chapra	33.2	-	46.6	VI	20.6	-	7.4	XII	180.5	710.3	-340.7	68.4	VI	37	-16.2	6.2	4.9	-	0	52	0	0	16	8	1	0	0	0	0
Purnea	31.4	+0.6	43.2	V	17.6	-1.4	4.2	XII	429.0	918.2	-574.4	68.0	VIII	66	-5.1	4.6	2.9	-1.6	0	78	0	0	10	0	0	0	0	0	0
Patna	33.0	+1.4	45.4	VI	20.2	-0.6	6.3	XII	191.6	602.9	-563.5	69.2	VIII	34	-21.6	7.2	7.0	+0.2	1	47	0	0	6	8	0	0	0	0	0
Patna (A)	32.7	+1.2	46.6	VI	19.6	-0.3	4.8	XII	196.7	579.8	-533.0	77.1	VI	33	-19.1	9.8	6.3	+0.4	0	52	0	0	50	20	0	0	0	6	0

Data not available for complete year, hence no annual means. (b) Data for 364 days. (c) Rainfall for 363 days. (A) Aerodrome.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Date	Mean Minimum	Departure from normal	Lowest during the year	Date	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Date	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 on plant	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Lower squall
BIHAR PLAINS (Contd.)																													
Arrah	-	-	-	-	-	-	-	-	-	235.9	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0
Bhagalpur	32.4	+0.8	44.0	VI	21.2	+0.2	7.5	XII	237.3	602.0	-540.9	52.8	VIII	42	-15.7	9.0	6.5	0	2	70	0	0	53	13	7	0	0	0	0
Sabaur	32.0	+0.9	44.2	V	18.6	-0.6	4.0	XII	221.7	603.9	-517.0	70.4	VIII	40	-21.7	9.3	6.1	-0.8	4	66	0	0	68	8	0	0	0	7	0
Jamui #																													
Dehri	33.4	+1.0	47.2	VI	#	-	-	-	210.0	530.1	-592.5	63.4	VI	33	-22.1	7.9	5.5	+0.1	0	45	0	0	8	1	0	0	0	0	0
Gaya	33.4	+1.1	47.9	VI	19.8	-0.3	5.2	XII	341.1	633.4	-453.5	59.2	VII	34	-23.4	11.1	7.9	-0.6	1	53	0	0	50	6	1	0	5	1	0
UTTAR PRADESH, EAST																													
Kheri #																													
Bahraich	33.1	+1.6	47.6	VI	19.0	-0.1	4.3	XII	407.2	718.7	-457.8	133.2	VII	40	-9.8	9.0	6.0	+0.4	1	57	0	0	11	0	2	0	0	0	0
Nautanwa	32.1	+1.1	44.6	VI	#	-	#	-	183.0	791.1	-803.1	60.4	VI	54	-5.9	-	-	-	0	60	0	0	0	0	0	0	0	0	0
Hardoi	32.8	+0.9	46.8	VI	18.5	-0.5	4.5	XII	165.9	586.2	-574.2	100.4	VI	28	-17.4	9.0	6.5	+1.0	40	39	0	0	1	1	0	0	0	0	0
Gonda	32.9	+1.4	48.0	VI	18.6	-0.2	4.0	XII	302.2	756.2	-514.2	68.2	VI	34	-22.9	7.5	5.6	+0.6	0	39	0	0	3	0	0	0	0	0	0
Lucknow	32.5	+0.2	46.8	VI	19.0	-0.4	4.8	XII	#	#	-	#	-	#	-	#	#	-	#	#	0	1	19	1	2	0	0	0	0
Lucknow (Amausi)	33.0	+1.2	47.7	VI	18.0	-0.4	#	-	395.0	902.5	-170.8	118.5	VII	37	-10.6	12.4	8.3	+0.4	28	56	0	0	45	5	7	0	0	6	0
Faizabad	33.1	+1.8	47.4	VI	18.5	+0.4	4.6	XII	302.5	656.9	-467.6	69.0	VIII	42	-10.2	5.3	3.0	-0.6	0	51	0	0	23	24	3	0	0	0	0
Gorakhpur	33.1	+1.7	46.1	VI	20.2	+0.2	7.3	I,XII	239.4	675.7	-579.6	88.0	VI	42	-15.4	6.6	4.2	-0.3	1	51	0	0	1	1	0	0	0	0	0
Kanpur	33.3	+2.2	47.2	VI	19.5	+0.2	3.9	XII	305.2	898.4	+13.6	140.0	VIII	31	-14.3	13.1	9.2	-0.1	1	46	0	0	0	6	3	0	0	0	0
Kanpur (A)	33.2	-	47.7	VI	19.1	-	2.7	XII	321.2	874.0	-	136.0	VII	32	-	-	-	-	1	49	0	1	43	5	17	0	0	8	0
Sultanpur	33.8	+2.0	48.0	VI	18.9	+0.6	4.9	XII	365.1	688.2	-435.0	81.8	VII	35	-12.0	6.0	4.6	-0.3	0	37	0	0	23	0	2	0	0	0	0
Azamgarh	33.2	+1.0	47.6	VI	16.0	-3.6	3.7	I	439.4	#	#	#	-	#	-	6.1	4.1	-	#	#	0	0	4	1	1	0	0	0	0
Fatehpur	33.8	+1.4	47.5	VI	19.0	-0.5	3.6	XII	159.8	685.2	-185.0	89.6	VIII	32	-15.4	8.8	5.8	-1.3	1	48	0	0	7	3	3	0	0	0	0
Ballia	32.7	+0.2	47.5	VI	#	-	#	-	162.2	629.4	-549.8	68.8	VI	34	-12.9	5.6	4.0	-0.6	0	36	0	0	1	10	0	0	0	0	0
Banda	34.4	+1.5	48.6	VI	20.0	+0.1	5.2	XII	334.6	746.1	-234.2	82.2	VIII	41	-9.0	4.8	2.5	+0.1	0	50	0	0	0	3	8	0	0	0	0
Allahabad (Bamrauli)	34.2	+1.8	48.4	VI	19.9	+0.1	5.4	XII	307.4	675.2	-337.2	86.0	VI	36	-14.7	7.1	4.3	-2.1	2	55	0	1	44	4	5	0	0	1	0
Varanasi (Babatpur)	33.0	+0.8	48.0	VI	#	-	#	-	354.4	815.4	-242.5	81.0	VI	40	-9.3	11.6	9.6	+0.5	0	59	0	1	51	9	6	0	0	0	0
Varanasi	33.6	+1.4	47.0	VI	19.4	-0.4	5.0	I	173.7	714.8	-361.2	60.6	XI	39	-14.8	5.2	3.9	-3.8	0	50	0	0	3	1	0	0	0	0	0
UTTAR PRADESH, WEST																													
Mukhim	20.8	+0.8	32.2	VI	11.5	+0.2	1.7	XII	600.9	1634.2	-74.9	51.1	VIII	95	-	-	-	-	4	117	2	10	51	6	0	0	0	0	0
Tehri	29.8	+0.7	43.8	VI	14.8	-0.1	1.4	I,XII	340.0	1032.1	+60.5	70.2	VII	63	+4.2	3.6	2.1	-	11	88	0	2	43	13	7	0	0	0	0
Dehra Dun	28.3	+0.5	42.6	VI	15.2	+0.6	2.6	I	886.8	3191.2	+1041.2	487.0	VII	79	-2.8	4.2	3.5	+0.2	0	101	0	4	54	0	2	0	0	0	0
Mussoorie #																													
Roorkee	31.2	+1.0	46.0	VI	15.1	-1.9	1.1	I,XII	365.9	1281.8	+214.2	237.7	VII	49	+0.7	7.0	4.9	0	#	59	0	10	35	0	3	0	0	0	0
Najibabad #																													
Meerut	32.3	+1.1	45.4	V	16.1	-2.2	2.0	XII	-	811.3	+0.4	55.0	VIII	32	-8.5	-	6.7	+0.4	0	34	0	0	0	0	0	0	0	0	0
Bareilly	32.7	+1.2	46.0	VI	19.0	+0.1	5.1	XII	419.4	1020.1	-32.4	160.0	VI	41	-5.2	10.1	7.1	+2.3	3	49	0	1	17	28	4	0	0	0	0
Aligarh	#	-	#	-	17.9	-0.8	3.7	XII	233.8	523.4	-249.2	98.2	VIII	33	-6.4	10.5	7.6	+0.9	0	42	0	1	7	3	3	0	0	0	0
Mainpuri	33.8	+1.0	47.2	VI	17.5	-1.2	2.6	XII	285.4	674.4	-34.5	88.6	VIII	41	+2.1	5.8	4.1	+0.1	0	46	0	0	15	0	4	0	0	0	0
Agra	33.3	+1.0	48.0	VI	19.0	0	3.5	XII	240.2	688.3	+9.2	114.1	VII	28	-9.2	4.5	3.5	+1.4	0	39	0	0	0	0	2	0	0	0	0
Agra (A)	33.7	-	47.7	VI	18.8	-	2.8	I,XII	158.2	741.6	-	88.9	VIII	33	-	-	-	-	0	45	0	1	44	12	4	0	1	0	0
Orai	33.6	+1.0	47.7	VI	19.5	+0.4	4.0	I	320.5	598.2	-431.0	63.4	VII	35	-13.6	-	-	-	1	46	0	0	0	2	4	0	0	0	0
Jhansi	33.9	+1.1	47.2	VI	19.5	-0.2	3.5	XII	266.2	663.1	-254.5	109.4	VIII	38	-7.5	5.0	5.1	-0.2	10	44	0	0	0	0	0	0	0	0	0
PUNJAB (INCLUDING DELHI)																													
Pathankot #																													
Amritsar (Rajasansi)	30.0	+0.2	44.6	VI	15.5	-0.4	0.3	XII	412.2	785.1	+135.8	94.8	IX	35	+0.5	9.3	7.5	-1.1	0	56	0	0	58	2	19	0	0	11	0
Adampur (A)	31.5	-	45.6	VI	14.6	-	0.6	XI	576.0	1167.2	-	95.3	VIII	48	-	-	-	-	-	61	0	1	85	6	7	0	0	0	0
Ludhiana	32.4	+0.5	47.6	V,VI	#	-	#	-	308.6	860.6	+180.4	93.3	VIII	42	+6.1	6.5	4.1	+0.8	1	59	0	0	35	14	24	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 1966

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	Departure 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)	Fog or mist	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Lake Squall
PUNJAB (INCLUDING DELHI) (Contd.)																													
Ferozepur	31.1	-0.2	45.2	V	#	-	#	-	299.5	507.8	-55.2	99.0	IX	23	-1.8	4.8	3.3	+0.9	0	26	0	0	3	0	2	0	0	0	0
Halwara (A)	31.1	-	44.7	VI	14.7	-	0.3	I	344.0	804.2	-	154.5	VIII	38	-	-	-	-	0	43	0	3	69	4	10	0	3	7	0
Chandigarh	30.9	+0.6	45.2	VI	16.8	-0.2	2.2	XII	270.9	899.4	-165.4	104.0	VII	42	-6.6	-	-	-	2	53	0	0	0	0	0	0	0	0	0
Ambala	#	-	#	-	#	-	#	-	355.8	850.2	-20.2	91.6	VII	34	-9.4	7.0	5.3	-0.9	2	39	0	0	8	0	2	0	0	0	0
Ambala (A) #																													
Patiala	32.1	+0.7	46.4	VI	17.4	-0.2	1.3	XII	229.2	540.9	-133.9	63.0	VII	24	-11.8	10.2	8.5	+0.8	2	39	0	1	20	0	1	0	0	0	0
Bhatinda	32.0	0	45.4	V,VI	16.0	-0.8	0.0	XII	211.7	427.6	-22.2	60.2	IX	26	+1.1	6.1	4.8	-0.5	0	38	0	0	2	0	8	0	0	0	0
Karnal	#	-	#	-	#	-	#	-	273.4	704.4	-63.2	100.1	VIII	30	-8.3	-	-	-	#	#	#	#	#	#	#	#	#	#	#
Hissar	32.5	-0.2	46.3	VI	17.2	-0.2	2.6	XII	92.7	672.5	+244.1	59.2	VI	30	+4.1	8.2	7.0	0	2	45	0	2	38	2	7	0	0	0	0
New Delhi (Safdarjung)	31.8	+0.1	44.7	VI	18.3	-0.5	3.6	I	251.0	651.5	-8.6	55.5	VI	40	+4.8	14.5	10.4	+0.6	4	59	0	0	40	17	8	0	0	12	0
Palam (A)	32.2	-	46.9	V	17.0	-	1.4	XII	309.9	662.8	-	123.9	VIII	40	-	-	-	-	2	60	0	0	43	6	7	0	0	14	0
HIMACHAL PRADESH																													
Mandi	29.4	+1.9	42.5	V	#	-	#	-	415.8	1345.1	-430.5	80.1	VI	69	-17.6	#	#	-	2	100	0	0	21	1	0	0	0	0	0
Bilaspur	29.3	+0.3	42.5	VI	14.1	-0.7	0.8	I	450.0	1151.4	+88.2	93.0	VII	53	-6.9	-	-	-	0	62	0	1	17	7	11	0	0	0	0
JAMMU AND KASHMIR																													
Misgar *																													
Gilgit *																													
Skardu *																													
Dras #																													
Sonamarg #																													
Leh #																													
Srinagar	18.3	-1.2	34.9	VI	8.2	+1.0	0.1	III	304.9	889.9	+231.0	65.4	X	59	+1.9	5.3	4.6	+0.6	5	87	12	0	37	2	0	0	0	0	0
Srinagar (A) #																													
Gulmarg (Research Institute) #																													
Quazigund	18.3	-	32.2	VI	7.7	-	0.8	III	657.0	1570.9	-	160.9	IX	78	-	2.7	2.8	-	8	105	14	1	68	3	0	0	0	0	0
Banihal	20.4	-	32.2	VI	8.1	-	0.1	IV	590.8	1454.4	-	107.6	II	72	-	-	-	-	4	97	10	3	66	3	0	0	0	0	0
Jammu	30.5	+0.5	45.6	VI	#	-	#	-	377.5	1291.4	+175.3	170.3	IX	48	-3.8	5.7	5.5	-	2	61	0	0	18	0	1	0	0	0	0
Jammu (A)	30.3	-	44.5	V	17.3	-	2.7	I	334.3	1246.0	-	137.2	IX	44	-	-	-	-	3	72	0	5	99	2	10	0	0	6	0
RAJASTHAN, WEST																													
Ganganagar	33.3	+0.4	47.2	VII	16.8	-0.2	1.0	XII	169.0	338.4	-1.2	52.8	VI	19	-4.7	3.9	2.8	-3.9	2	28	0	0	29	4	3	0	0	0	0
Anupgarh #																													
Mahajan	34.0	-	47.5	VIII	#	-	#	-	22.9	138.3	-	37.0	II	10	-	9.9	6.4	-	#	#	0	0	0	0	6	0	0	0	0
Churu	33.0	+0.5	45.9	VI	17.5	-0.1	0.7	XII	242.5	507.4	+115.7	67.8	VII	29	+2.9	11.6	8.4	+0.1	1	44	0	0	37	0	2	0	0	0	0
Bikaner	33.8	+0.2	46.5	V	18.0	-0.2	0.5	XII	84.9	371.2	+65.1	69.4	IX	20	+1.0	10.6	8.3	+0.6	#	32	0	0	39	0	7	0	0	0	0
Nagaur	34.0	+1.5	46.5	VI	18.3	-0.5	0.4	XII	65.0	129.7	-62.3	41.2	VIII	11	-2.7	11.3	9.1	+0.1	10	20	0	0	3	1	9	0	0	0	0
Phalodi	33.8	+0.6	47.2	VI	18.2	-0.7	3.4	I	40.7	280.2	+44.4	112.0	VIII	17	+1.8	16.2	13.6	-1.7	0	18	0	0	5	0	29	0	0	0	0
Jaisalmer	34.5	+0.5	46.5	V,VI	#	-	#	-	-	57.8	-140.5	18.8	VIII	6	-6.1	15.9	13.9	-0.2	0	8	0	0	0	0	0	0	0	0	0
Jodhpur	34.5	+0.9	47.0	VI	#	-	#	-	110.7	418.5	+52.5	56.1	VIII	15	-3.0	12.7	10.5	-0.4	2	20	0	0	19	1	6	0	0	7	0
Barmer	35.8	+1.8	48.2	VI	#	-	#	-	82.1	127.0	-187.0	39.8	VI	8	-8.5	9.6	8.6	-0.9	0	16	0	0	6	0	0	0	0	0	0
Erinpura (Jawai Dam)	34.3	+1.7	48.1	V	#	-	#	-	160.6	557.3	-47.7	144.0	IX	23	-8.5	6.3	5.4	-1.8	0	36	0	0	1	0	0	0	0	0	0
RAJASTHAN, EAST																													
Pilani	32.9	+0.3	46.0	VI	16.3	-1.2	1.4	XII	162.5	336.9	-51.0	61.6	VII	28	-2.5	12.4	9.8	+1.0	0	37	11	0	2	2	3	0	0	0	0
Sikar	32.5	+0.6	44.4	VI	16.0	+1.3	0.1	I	109.9	282.3	-171.5	62.9	IX	15	-14.1	12.6	9.1	+1.8	0	24	0	0	0	0	1	0	0	0	0
Alwar	32.4	+0.3	46.0	VI	#	-	#	-	313.3	554.1	-274.6	48.4	VIII	34	-9.2	3.6	2.3	-1.9	3	53	0	1	5	0	2	0	0	0	0
Jaipur (Sanganer)	32.4	+0.7	45.2	VI	18.5	+0.1	2.5	XII	286.8	550.9	-47.0	61.8	VIII	37	+1.7	-	-	-	1	47	0	0	41	1	4	0	0	2	0
Dholpur	33.8	+1.3	48.1	V	18.0	-1.1	1.7	XII	269.1	642.9	-227.5	83.9	VI	36	-12.4	7.8	5.3	-0.1	0	44	0	0	21	4	2	0	0	0	0
Ajmer	32.5	+1.3	45.1	VI	18.7	+0.4	2.5	XII	146.4	450.6	-69.4	77.0	IX	24	-7.0	10.7	8.9	+1.5	0	40	0	0	26	0	3	0	0	0	0

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

Table 11 - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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 0.1 mm.)	Precipitation (2.5 mm. or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storms	Ground frost	Gale	Squall	Line squall
RAJASTHAN, EAST (CONTD.)																													
Tonk	#	-	#	-	19.8	+1.5	1.4	XII	343.6	662.5	-19.3	103.6	VIII	28	-8.6	9.6	7.7	+0.5	0	43	0	0	18	1	0	0	0	0	0
Bhilwara	#	-	#	-	#	-	#	-	175.9	740.9	-	255.2	IX	30	-	7.5	6.6	-	#	47	#	#	#	#	#	#	#	#	#
Kota #																													
Kota (A)	33.9	-	46.6	VI	20.6	-	5.5	XII	198.9	485.4	-	81.2	VI	26	-	12.2	10.4	-	3	42	0	0	25	0	3	0	0	0	0
Chambal (Rawat Bhata Dam)	33.6	+1.0	45.6	VI	19.7	+2.0	4.1	XII	237.6	566.5	-542.6	89.1	VII	32	-13.1	7.4	6.1	-0.3	5	39	0	0	24	2	3	0	0	0	0
Udaipur #																													
Jhalawar	33.9	+1.3	46.0	VI	#	-	#	-	193.8	514.8	-574.5	82.2	VII	28	-19.8	9.1	7.1	+1.3	0	36	0	0	2	1	1	0	0	0	0
Banswara	34.4	-	44.1	III/VI	20.4	-	8.4	XII	227.3	471.0	-	51.0	IX	29	-	9.9	9.1	-	1	36	0	0	0	0	0	0	0	0	0
MADHYA PRADESH, WEST																													
Gwalior	33.4	+0.9	47.4	VI	18.8	0.0	2.0	XII	456.9	797.3	-15.1	136.2	VIII	31	-14.6	11.0	6.9	+1.4	4	54	0	0	61	1	0	0	0	0	0
Sheopur	33.9	+1.0	46.8	VI	18.7	+0.2	2.4	XII	267.3	807.3	-119.5	94.6	VII	40	-5.5	10.1	7.8	+1.3	1	51	0	0	15	0	1	0	0	0	0
Shivpuri	32.2	-	45.4	VI	15.5	-	-2.1	XII	151.6	467.2	-	54.2	VIII	36	-	(a) 10.0	(a) 6.5	-	1	47	0	0	5	1	0	0	0	0	0
Nowgong	33.5	+0.9	47.5	VI	18.1	0.0	2.3	XII	465.3	803.9	-223.8	76.8	VI	42	-6.2	7.5	4.6	+0.1	0	54	0	0	17	0	1	0	0	0	0
Guna	33.1	+1.3	46.3	VI	17.7	+0.1	-1.7	XII	307.5	669.9	-590.0	70.2	VIII	39	-15.5	13.0	9.0	+1.8	2	52	0	0	29	0	0	0	0	0	0
Nimach	32.3	+0.8	43.4	VI	19.1	+0.5	4.7	XII	372.5	530.5	-278.4	24.2	VI	34	-2.7	12.2	10.2	+0.8	2	40	0	0	19	1	0	0	0	0	0
Rajgarh	33.2	+0.4	46.7	VI	18.9	+0.5	3.1	XII	317.6	709.1	-385.5	68.1	VII	34	-13.3	11.5	9.1	+0.2	0	40	0	0	14	0	0	0	0	0	0
Sagar	33.2	+2.4	45.5	VI	18.1	-1.4	7.3	XII	311.2	710.1	-519.2	181.2	VII	34	-24.7	9.6	9.5	+0.5	1	50	0	0	10	0	0	0	0	0	0
Ratlam	33.1	+1.2	43.6	VI	18.2	-1.0	5.4	XII	260.2	656.3	-345.8	79.4	IX	31	-16.1	13.1	10.5	+1.9	1	48	0	0	15	0	0	0	0	0	0
Bhopal (Bairagarh)	32.4	+0.9	45.1	VI	18.7	+0.2	3.1	XII	352.2	678.6	-581.6	65.7	VII	42	-14.5	14.7	12.0	+3.7	2	53	0	0	27	2	0	0	0	8	0
Ujjain	32.7	-	44.7	VI	17.0	-	2.6	XII	336.9	668.8	-	73.8	VII	45	-	13.9	10.3	-	0	55	0	1	13	2	0	0	0	0	0
Narsinghpur	34.3	-	46.6	VI	17.0	-	0.0	XII	303.2	648.2	-	58.0	VII	36	-	7.4	4.4	-	0	43	0	0	0	0	0	0	0	0	0
Hoshangabad	33.8	+1.4	46.2	VI	19.4	-0.6	3.3	XII	401.7	992.3	-210.0	154.0	VIII	46	-11.2	(e) 6.7	(e) 5.2	+0.6	0	60	0	0	40	0	0	0	0	0	0
Indore	32.4	+1.1	44.0	VI	18.1	+0.6	5.1	XII	384.2	696.4	-232.7	56.1	VII	40	-7.5	17.5	14.5	-1.4	6	59	0	0	29	2	1	0	1	2	0
Rajpur (Jhabua)	33.4	+0.8	42.2	V,VI	#	-	-	-	191.2	541.9	-456.1	72.6	VII	34	-12.7	#	#	-	1	49	0	0	8	0	0	0	0	0	0
Chhindwara	31.8	+1.2	42.6	V	18.3	+0.1	2.4	XII	336.4	685.8	-401.6	60.4	VII	49	-13.8	9.2	5.8	-0.2	5	67	0	1	39	3	0	0	0	0	0
Seoni	32.5	+1.7	43.5	VI	19.0	+0.5	6.9	I	526.6	1203.6	-194.0	77.8	VII	63	-8.7	9.4	6.2	+0.2	1	95	0	0	41	0	0	0	0	0	0
Betul	31.8	+1.1	42.8	VI	17.8	-0.1	2.7	XII	217.2	679.5	-459.2	41.4	VII	50	-12.0	7.4	4.8	-1.1	0	71	0	0	13	1	1	0	0	0	0
Khandwa	34.8	+1.2	45.2	VI	19.8	+0.2	5.8	XII	244.0	723.0	-95.6	58.2	VIII	44	+0.7	12.2	9.7	+0.6	0	56	0	2	9	0	3	0	0	0	0
MADHYA PRADESH, EAST																													
Satna	33.2	+1.2	47.7	VI	19.2	+0.5	4.5	I,XII	301.0	735.8	-394.0	75.4	VII	41	-10.2	8.0	5.6	+0.2	2	54	0	0	22	2	0	0	0	0	0
Rewa	33.3	-	46.6	VI	18.2	-	3.2	XII	382.7	851.9	-	90.4	VI	44	-	6.9	4.2	-	0	66	0	0	0	0	0	0	0	0	0
Sidhi	33.8	+1.5	47.4	VI	18.7	+0.4	3.4	XII	240.9	787.2	-289.2	90.6	VIII	52	-1.1	7.2	4.4	-0.7	0	61	0	0	10	0	0	0	0	0	0
Umaria	32.8	+1.4	45.6	VI	18.4	+0.4	2.8	I	309.2	794.6	-580.1	50.8	VIII	46	-22.3	7.7	4.9	+0.4	2	58	0	0	35	12	0	0	1	0	0
Jabalpur	33.4	+1.3	45.9	VI	19.0	+0.7	3.5	I,XII	421.8	887.6	-543.1	85.0	V	46	-19.4	7.5	4.7	-0.6	4	64	0	0	32	2	0	0	0	0	0
Ambikapur	31.3	+1.1	43.6	V	18.0	+0.6	3.8	I	375.5	902.2	-502.6	56.4	VIII	58	-14.6	#	-	-	0	68	0	2	27	4	5	0	0	0	0
Jashpurnagar	29.6	-	41.8	V	16.7	-	2.7	XII	537.5	1208.1	-	59.2	VIII	78	-	8.6	5.5	-	0	92	0	2	2	0	0	0	0	0	0
Pendra	30.9	+1.2	43.1	V	19.5	+0.9	7.1	XII	636.1	1097.7	-285.9	59.1	VIII	65	-11.9	9.4	6.8	+0.4	3	91	0	1	79	1	0	0	0	1	0
Mandla	32.9	+1.2	45.0	VI	#	-	1.8	XII	428.6	994.4	-442.6	77.2	VII	58	-14.7	6.6	3.6	+0.4	1	78	0	0	42	6	0	0	0	0	0
Champa	33.8	+0.6	46.8	V	20.9	-0.6	7.5	I	530.6	1449.0	-6.2	154.6	VI	55	-16.2	7.5	5.8	0.0	2	75	0	0	52	0	4	0	0	0	0
Raigarh	34.2	+0.7	46.6	V	21.5	0.0	7.8	XII	596.8	1407.8	-219.2	83.6	X	67	-5.5	#	-	-	0	81	0	0	19	0	5	0	0	0	0
Raipur	#	-	46.3	V	21.3	+0.1	8.5	I	407.7	826.6	-532.2	92.5	VIII	53	-11.2	9.1	7.4	-0.4	0	74	0	0	46	1	0	0	0	0	0
Kanker	32.5	+0.9	45.0	V	20.9	+1.0	6.9	I	378.5	959.9	-411.1	66.2	VI	53	-15.1	7.7	6.0	+0.2	1	66	0	0	35	0	0	0	0	0	0
Jagdalpur	31.9	+0.7	44.6	V	20.0	+1.1	7.0	XII	553.8	1254.8	-315.6	121.9	IX	78	-5.5	#	-	-	6	106	0	0	64	9	0	0	0	7	0
GUJARAT REGION (INCLUDING DAMAN, DADRA & NAGAR HAVELI)																													
Deesa	35.1	+0.8	45.4	VI	19.3	-0.1	5.9	XII	128.0	489.5	-132.0	246.4	IX	14	-13.7	11.1	8.7	-	1	26	0	0	0	0	0	0	0	0	0
Radhanpur #																													
Idar	33.5	+0.4	44.1	VI	21.7	+0.6	10.2	I	127.7	595.8	-417.4	144.2	IX	26	-16.0	9.2	7.2	-0.5	0	32	0	0	7	0	0	0	0	0	0

(e) Data for 360 days. (a) Data for 364 days. # 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 1966

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	Date	Mean Minimum	Departure from Normal	Lowest during the year	Date	Total during 1000-1730 hrs.	Total of the year	Departure from Normal	Heaviest fall in 24 hours	Date	Total in the year	Departure from Normal	Mean morning 0830-1730 hrs.	Mean 24 hours	Departure from Normal	Thunderstorm (0.1 mm. or more)	Hailstorm (0.1 mm. or more)	Fog or mist	Dust	Thunderstorm	Squall	Gale	Squall	Lightning
GUJARAT REGION (INCLUDING DAMAN, DADRA AND NAGAR HAVELI) (CONTD.)																													
Ahmedabad	35.1	+0.9	44.5	V	20.7	+0.2	7.8	XII	262.4	609.2	-173.6	143.0	IX	28	-8.7	8.3	5.6	-1.3	7	41	0	0	19	0	1	0	0	2	0
Dohad	33.5	+1.0	43.0	V,VI	20.2	+0.4	9.7	XII	(a) 187.2	(a) 385.3	-	67.2	IX	-	-	15.1	14.3	-2.0	†	-	0	0	14	0	0	0	0	0	0
Vallabh Vidyanagar	35.2	-	46.5	V	19.7	-	6.2	XII	276.7	878.6	-	191.6	IX	26	-	9.4	6.9	-	0	36	0	0	6	27	13	0	0	0	0
Baroda (A)	35.1	+0.8	44.7	V	20.6	-0.1	7.6	XII	291.2	698.2	-219.3	90.2	VII	28	-11.9	9.2	7.9	-0.9	0	38	0	0	7	0	0	0	0	0	0
Baroda	36.0	+1.6	45.6	V	21.1	+1.5	8.1	XII	327.2	768.2	-187.0	92.4	VI	36	-5.7	8.0	6.9	+1.6	0	49	0	0	0	5	0	0	0	0	0
Broach	#	-	-	-	#	-	-	-	#	#	-	-	-	#	-	9.2	7.3	-0.5	#	-	-	-	-	-	-	-	-	-	-
Surat	34.6	+1.0	44.6	V	21.2	-0.7	10.4	I	382.4	1008.2	-62.9	125.8	VII	36	-12.0	11.4	9.2	+1.1	0	35	0	0	0	1	0	0	0	0	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																													
Maliya	32.4	+0.8	44.0	V	18.4	-0.5	4.6	XII	54.2	178.6	-510.2	47.6	VII	9	-13.9	20.2	14.9	+1.4	0	10	0	0	5	13	0	0	0	0	0
Bhuj (Rudramata)	34.1	+1.1	44.2	V	19.8	-0.3	5.7	XII	91.1	204.6	-135.8	60.5	VII	8	-7.3	18.4	14.6	+2.5	2	12	0	0	4	1	0	0	0	0	0
Kandla (A)	34.6	-	45.5	V	#	-	-	-	217.6	361.0	-	136.0	VII	13	-	23.4	21.6	-	0	19	0	0	3	0	0	0	0	0	0
New Kandla	32.4	+0.9	42.8	V	21.7	-0.4	10.6	XII	189.4	399.0	-14.4	113.8	VII	15	-8.6	20.7	19.6	+0.7	0	21	0	0	6	1	0	0	1	0	0
Mandvi	30.7	+0.6	42.9	V	21.7	0.0	9.0	I	74.1	171.1	-267.1	49.5	VII	9	-15.3	#	#	-	0	12	0	0	0	2	0	0	0	0	0
Surendranagar	33.3	+0.8	44.7	V	21.5	+0.3	9.0	XII	124.5	415.5	#	-	-	-	-	12.1	11.6	-1.6	-	-	0	0	8	0	3	0	0	0	0
Okha	28.9	-	35.4	V	23.5	-	16.5	XII	48.6	274.5	-	87.6	VII	12	-	20.9	21.2	-	3	21	0	0	2	0	0	0	0	0	0
Jamnagar (A)	33.0	+0.9	42.7	V	19.5	-0.5	5.6	XII	117.3	260.6	-205.5	55.7	IX	15	-5.5	E	E	-	3	25	0	0	8	3	0	0	0	1	0
Dwarka	30.2	+1.0	37.5	V	#	-	-	-	130.2	249.0	-109.3	68.8	VII	9	-6.5	#	#	-	0	12	0	0	0	0	0	0	0	0	0
Rajkot	34.6	+0.7	44.0	V	19.5	-0.1	6.2	I	259.2	436.5	-472.3	61.2	VII	20	-16.5	22.7	19.2	+0.5	4	34	0	0	10	10	0	0	3	0	0
Bhavnagar (A)	34.7	+1.3	43.9	V	21.5	+0.5	9.2	XII	337.0	511.9	-151.7	93.4	IX	23	-12.6	21.2	18.2	+7.7	1	37	0	0	5	0	0	0	1	0	0
Porbandar (A)	32.7	+1.7	45.5	V	21.6	-0.7	8.2	XII	121.0	265.1	-503.1	53.4	VII	17	-14.6	19.2	15.0	-	4	33	0	0	5	4	0	0	0	0	0
Keshod	34.3	+1.0	44.5	V	19.5	-0.1	7.8	XII	208.8	521.7	-430.1	111.8	VII	21	-19.8	22.6	17.8	+0.5	3	44	0	0	4	3	0	0	1	0	0
Mahuva	33.5	-	42.4	V	21.2	-	8.5	XII	165.7	281.3	-508.3	24.8	VII, IX	27	-8.7	9.8	10.4	-	4	33	0	0	0	0	0	0	0	0	0
Veraval	31.6	+1.0	42.3	V	21.5	+0.1	10.5	I	299.0	558.4	+32.2	156.7	VI	26	+0.9	21.5	18.9	+2.4	6	42	0	0	2	1	0	0	0	1	0
KONKAN (INCLUDING GOA)																													
Dahanu	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.7	14.2	-1.3	-	-	-	-	-	-	-	-	-	-	-
Bombay (Santacruz)	32.3	+0.7	39.6	II	22.5	+0.6	12.7	I	590.4	1640.1	-980.4	291.3	VII	70	-10.3	14.8	10.4	-0.9	6	93	0	0	23	0	0	0	0	9	0
Bombay	31.5	+0.5	37.2	X	24.1	+0.5	14.6	XII	605.6	1560.7	-244.1	156.5	VII	61	-11.7	12.1	10.2	-0.3	4	90	0	0	18	0	0	0	0	27	0
Alibag	30.8	+0.8	36.4	XI	22.9	+0.3	14.5	XII	-	1569.2	-390.6	181.8	VII	69	-11.9	-	12.6	-0.1	2	94	0	0	0	18	0	0	0	1	0
Bhira	34.5	-	44.5	V	21.2	-	10.1	I	1518.4	3518.2	?	232.4	VII	100	-	4.7	2.8	-	0	110	0	0	5	0	0	0	0	0	0
Harnai	29.7	+0.6	37.3	II	24.7	+0.2	18.2	I	668.0	1781.9	-877.0	169.5	IX	72	-20.6	17.3	15.1	+0.1	1	93	0	0	7	0	0	0	1	0	0
Ratnagiri	31.1	+0.3	36.6	II	23.0	-0.1	12.2	I	1017.3	2506.0	-111.1	199.2	XI	86	-8.5	13.6	10.1	-	3	109	0	0	11	0	0	0	0	0	0
Devgarh	30.3	-0.2	34.9	XI	23.9	0.0	16.0	I	766.5	2184.7	-260.3	235.5	XI	78	-19.7	18.3	15.8	-0.8	0	94	0	0	9	0	1	0	0	1	0
Vengurla	31.1	-0.1	35.1	XI	22.3	-0.1	11.5	I	920.6	2980.1	-251.3	136.6	XI	96	-9.8	11.4	7.0	-	1	99	0	0	46	8	0	0	1	0	0
Panjim	31.2	-	35.4	II	23.2	-	15.1	I	816.7	2621.3	-	161.9	V	96	-	13.2	10.6	-	7	119	0	0	34	14	0	0	1	5	0
Marmugao	30.2	+0.6	34.7	XI	23.9	+0.2	16.5	I	697.9	2286.8	-222.9	147.0	XI	88	-9.4	15.4	13.9	+0.3	6	117	0	0	11	4	0	0	2	0	0
Labolim (N.A.S.)	30.9	-	35.1	X,XI	23.5	-	15.6	I	729.8	2360.0	-	126.2	IX	85	-	#	-	-	2	111	0	0	34	3	0	0	1	1	0
MADHYA MAHARASHTRA																													
Nandurbar	34.7	+0.7	44.2	5	21.5	-0.3	11.5	I	165.8	479.7	-260.6	47.0	VII	32	-13.2	9.6	8.5	0.0	0	49	0	0	0	0	0	0	0	0	0
Jalgaon	35.7	+1.1	45.9	V,VI	20.0	+0.1	4.3	XII	221.0	660.6	-123.7	55.6	XI	38	-8.5	16.7	14.0	+2.3	2	53	0	0	13	3	0	0	1	0	0
Malegaon	34.0	+0.5	43.0	V	#	-	-	-	261.7	702.8	+160.3	130.4	V	33	-0.5	11.5	8.9	+0.5	0	45	0	0	0	0	0	0	0	0	0
Ozar #																													
Ahmednagar	33.6	+1.4	42.0	VI	18.8	+0.3	6.7	XII	156.0	384.5	-237.0	43.6	XI	30	-6.3	11.8	8.0	+0.1	1	43	0	0	4	0	0	0	0	0	0
Khandla	-	-	-	-	-	-	-	-	-	3052.9	-1832.7	208.0	VII	96	-12.8	-	-	-	0	105	-	-	-	-	-	-	-	-	-
Poona (A)	32.8	-	42.0	V	18.8	-	7.0	I	220.8	533.4	-	48.8	VII	35	-	E	-	-	2	52	0	0	24	7	0	0	0	2	0
Poona	32.3	+0.5	42.3	V	18.0	+0.6	4.2	I	171.2	490.5	-170.8	54.2	VII	40	-6.4	10.5	7.2	-	9	63	0	0	19	6	0	0	0	1	0
Jeur	33.3	-0.1	41.0	IV	19.0	0.0	6.5	XII	106.8	548.8	-51.5	121.2	XI	33	-5.6	14.1	10.6	+0.3	0	50	0	0	25	0	0	0	0	0	0

(A) Aerodrome. # Data not available for complete year, hence no annual means. (a) Data for 364 days. E - Electrical instruments.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

Sub-Division and Station	Air temperature in °C: Mean Maximum	Departure from normal	Highest during the year	Date	Mean Minimum	Departure from normal	Lowest during the year	Date	Rainfall in millimetres: Total during 0830-1730 hours	Total of the year	Departure from normal	Heaviest in 24 hours	Date	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 mm. or more)	Precipitation (2.5 mm. or more)	Fog or mist	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Lightning
MADHYA MAHARASHTRA (CONTD.)																													
Jeur	33.3	-0.1	41.0	IV	19.0	0.0	6.5	XII	106.8	548.8	-51.5	121.2	XI	33	-5.6	14.1	10.6	+0.2	0	50	0	0	25	0	0	0	0	0	0
Baramati	#	-	-	-	19.2	+0.1	8.3	I,XII	165.4	574.0	+23.0	115.9	XI	28	-7.8	13.2	10.7	-0.4	0	36	0	0	8	0	0	0	0	0	0
Sholapur	34.3	+0.6	43.0	V	20.9	+0.4	10.1	I	201.3	956.8	+279.1	81.7	IX	46	+4.6	11.8	9.3	-0.5	1	69	0	0	29	0	0	0	0	0	0
Udgiri #																													
Miraj	32.1	+0.2	40.6	V	19.1	-0.1	8.1	I	320.6	779.6	+144.5	95.0	V	44	-1.8	-	-	-	3	68	0	0	37	7	0	0	0	0	0
Kolhapur	31.6	+0.4	40.8	V	19.1	-0.1	10.4	I	480.7	1372.4	+296.4	205.0	XI	68	-3.5	#	-	-	0	102	0	0	28	4	0	0	0	0	0
MARATHWADA																													
Aurangabad	33.0	+0.6	41.8	V	20.0	+0.3	9.3	XII	345.4	840.4	+114.6	124.4	VII	47	+1.3	12.8	11.3	-1.0	2	67	0	0	22	0	0	0	0	0	0
Aurangabad (Chikalthan)	32.8	+0.5	41.6	V	17.5	+0.1	#	-	321.4	806.2	+94.3	109.0	VII	43	-6.4	15.2	11.5	-0.3	5	62	0	0	24	0	0	0	0	0	0
Parbhani	34.1	+0.4	44.6	V	20.0	+0.1	8.5	XII	251.4	724.0	-129.8	56.2	IX	40	-9.1	10.7	7.8	-1.4	0	43	0	0	11	0	0	0	0	0	0
Nander	34.7	-	45.2	V	19.8	-	6.6	XII	190.1	798.2	-	102.1	IX	50	-	#	-	-	0	60	0	0	4	0	0	0	0	0	0
Bir	34.0	-	43.4	V,VI	19.2	-	6.5	I,XII	167.8	566.6	-	62.0	VIII	40	-	10.1	6.9	-	0	51	0	0	2	0	0	0	0	0	0
VIDARBHA																													
Gondia	33.9	+1.2	46.4	V	21.3	+0.4	8.4	I	510.7	1415.0	+16.7	95.6	VII	62	-4.6	5.1	3.4	-0.8	1	76	0	1	32	0	0	0	0	0	0
Bhandara *																													
Nagpur (Sonegaon)	34.5	+1.0	45.8	V	20.4	+0.1	6.5	XII	456.0	[illegible]	-190.6	65.0	IX	51	-11.8	13.1	10.5	+0.4	1	76	0	0	53	1	0	0	0	15	0
Amraoti	34.4	+1.3	44.6	V	21.5	+0.6	9.7	I	332.7	811.0	-65.2	82.5	VII	43	-6.6	13.7	11.3	+0.6	1	58	0	1	10	0	0	0	0	0	0
Akola(A)	34.9	-	45.4	V	18.3	-	5.8	XII	275.3	764.0	-	111.7	VII	39	-	12.7	10.5	-	2	53	0	0	19	0	1	0	0	0	0
Akola	34.8	+0.8	44.8	V	20.0	-0.4	6.2	I	269.3	689.0	-111.5	83.7	IX	37	-8.6	9.9	8.0	-0.6	2	53	0	0	3	0	0	0	0	0	0
Wardha #																													
Brahmpuri	34.2	+1.2	46.0	V	20.7	+0.1	7.0	XII	367.6	1137.5	-552.2	91.4	VII	50	-22.2	8.1	5.6	-0.1	0	65	0	0	93	0	0	0	0	0	0
Buldana	31.6	+0.7	40.9	V,VI	20.3	-0.2	11.5	XII	355.5	951.4	+58.8	79.3	IX	44	-7.3	#	#	-	0	59	0	0	9	1	0	0	0	0	0
Yeotmal	33.7	+0.5	45.3	V	21.2	+0.2	9.5	XII	461.5	1091.9	-4.2	143.5	VII	49	-8.8	14.4	12.2	+0.6	0	61	0	1	27	2	6	0	0	2	0
Chandrapur	34.4	+1.0	46.1	V	21.7	+0.5	7.7	XII	763.6	1672.4	+405.0	178.2	VII	57	-5.5	10.4	6.8	+1.2	0	77	0	0	59	0	0	0	0	0	0
Pusad	35.0	-	44.4	V	19.1	-	6.1	I	190.2	718.8	-	67.4	VII	41	-	9.7	7.5	-	2	50	0	0	0	0	0	0	0	0	0
Sironcha	34.5	+0.6	46.6	V	22.9	+0.6	8.8	XII	591.3	1593.6	+155.0	168.9	VII	53	-14.6	7.2	4.8	-0.2	0	70	0	0	18	1	0	0	0	0	0
COASTAL ANDHRA PRADESH																													
Kalingapatam	31.2	+0.3	37.6	V	23.2	-0.2	13.2	I	500.2	1085.0	+80.6	103.4	XI	47	-3.4	15.1	11.1	-1.0	1	64	0	0	26	0	2	0	0	3	0
Vishakhapatnam	32.5	+1.9	42.6	V	23.7	+0.2	13.4	XII	386.0	1015.0	+60.7	216.4	XI	50	-0.3	17.6	10.7	-0.1	7	78	0	0	53	0	0	0	0	26	0
Kakinada	32.5	+0.8	45.1	V	23.7	-0.1	16.2	I	270.7	865.3	-229.8	39.6	X	53	-5.3	13.5	11.0	+0.6	3	76	0	0	8	0	1	0	0	0	0
Nidadavole	33.3	+0.8	46.8	V	23.3	+0.4	13.4	XII	356.0	752.5	-367.3	38.8	VII	54	-10.6	10.0	7.4	-0.8	1	64	0	0	0	0	0	0	0	0	0
Bantachintala	34.7	0.0	46.0	V	24.0	+0.8	11.5	XII	123.0	592.2	-107.4	81.0	VII	31	-15.4	3.8	6.6	-1.6	0	31	0	0	0	0	0	0	0	0	0
Gannavaram	34.0	+0.5	47.6	V	23.7	+0.2	13.0	XII	278.5	822.2	-177.3	53.8	VIII	50	-9.5	16.2	11.8	-0.4	9	76	0	0	43	6	1	0	0	0	0
Nagarjunakonda (R)																													
Masulipatam	32.3	+0.6	46.0	V	23.6	-0.4	14.5	XII	323.8	1085.3	+18.0	76 4	XI	54	-1.5	5.5	4.0	-6.3	0	60	0	0	32	0	0	0	0	0	0
Ongole	33.9	+1.1	46.0	V	24.4	+0.1	15.4	XII	428.7	1274.5	+402.5	128.6	XI	59	+13.1	9.3	8.2	+0.4	1	71	0	0	0	0	0	0	0	0	0
Nellore	34.2	+0.2	44.5	V	24.7	+0.3	16.5	XII	467.8	1489.7	+432.5	220.5	XI	57	+12.4	11.1	8.7	+0.8	0	76	0	0	21	2	0	0	0	0	0
TELANGANA																													
Ramagundam	34.9	+0.4	46.4	V	22.9	+0.3	10.2	XII	413.4	1346.1	+325.2	104.4	VII	51	-7.1	#	-	-	0	66	0	0	22	0	1	0	0	0	0
Hanamkonda	33.8	+0.7	45.3	V	22.3	0.0	10.3	XII	255.6	1018.4	+94.4	117.6	VIII	51	-2.7	8.3	8.5	-0.7	0	66	0	0	20	0	0	0	0	0	0
Hakimpet (A)	31.5	-	41.7	V	21.1	-	12.2	XII	147.0	632.7	-	55.4	IX	56	-	-	-	-	0	79	0	0	43	4	0	0	2	9	0
Bhadrachalam	34.5	+1.0	47.2	V	23.4	+0.5	10.0	XII	306.5	974.5	-78.2	57.0	VII	56	-7.7	6.0	5.5	-1.5	0	66	0	0	13	0	1	0	0	0	0
Hyderabad (Begumpet)	32.7	+1.0	42.6	V	20.5	+0.5	7.1	XII	175.0	664.3	-96.5	54.8	IX	45	-4.8	14.0	10.7	-1.5	9	97	0	0	38	1	4	0	0	24	0
Khammam	34.6	+0.4	46.5	V	23.6	+0.7	9.7	XII	415.7	896.5	-71.3	84.5	I	47	-8.2	5.1	3.6	-3.6	0	55	0	0	9	0	0	0	0	0	0
Mahbubnagar	32.9	+0.5	42.6	V	21.5	+0.4	11.5	XII	289.5	854.3	-145.8	62.0	VIII	50	-12.5	11.5	9.4	-1.2	1	71	0	0	13	0	0	0	0	0	0
RAYALASEEMA																													
Kurnool	34.3	+0.3	42.7	V	22.3	+0.2	13.2	I	188.4	620.5	+14.0	57.6	IX	51	+7.7	11.1	9.7	-1.3	2	77	0	0	0	0	0	0	0	0	0

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

*Observatory started functioning from 13.4.1966.

@Observatory started functioning from 26.5.1966.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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
RAYALASEEMA (CONTD.)																													
Nandyal #																													
Anantapur	33.6	+0.3	41.1	IV	22.7	+0.8	12.2	XII	222.6	795.0	+212.0	84.2	VIII	43	+9.6	13.5	12.3	+0.2	5	69	0	0	23	0	0	0	0	0	0
Cuddapah	34.7	+0.2	43.6	V	24.1	+0.1	15.5	II	210.4	914.4	+166.8	78.0	VI	52	+7.0	7.8	6.9	-1.6	0	70	0	0	0	0	0	0	0	0	0
Arogyavaram #																													
MADRAS STATE (INCLUDING PONDICHERRY)																													
Madras	32.2	+0.1	42.2	V	24.4	+0.3	17.3	XII	464.1	1587.9	+375.2	178.0	XI	62	+4.0	10.4	7.8	+0.5	4	90	0	0	2	0	0	0	0	0	0
Madras (Minambakkam)	33.0	+0.1	42.0	V	24.3	0.0	17.1	XII	524.4	1646.2	+360.6	125.8	XI	60	+2.0	13.3	9.8	-2.0	7	92	0	0	54	1	0	0	1	30	0
Vellore	33.5	+0.4	42.5	V	22.8	0.0	13.2	II	335.5	1346.9	+292.1	157.6	XI	46	-10.1	10.4	7.5	+0.2	1	81	0	0	45	22	0	0	0	0	0
Tambaram (A)	33.9	-	44.0	V	24.0	-	16.1	XII	563.8	1789.1	-	166.1	XI	65	-	-	-	-	0	79	0	0	60	7	0	0	2	0	0
Tirupattur	33.4	+0.7	41.5	V	20.9	-0.1	11.1	II	266.5	1320.8	+430.9	167.3	XI	38	-12.3	7.5	5.1	0.0	0	38	0	0	0	0	0	0	0	0	0
Mettur Dam R.S.	34.2	-	40.4	V	22.9	-	15.4	XII	187.0	1249.0	-	111.2	X	70	-	#	#	-	1	81	0	0	1	0	0	0	0	0	0
Cuddalore	32.2	+0.1	40.5	V	24.1	-0.1	18.7	II,XII	583.9	2343.6	+992.3	349.9	V	69	+12.6	11.8	9.9	-0.3	0	81	0	0	31	0	0	0	0	0	0
Kallakkurichi	33.9	0.0	41.7	V	23.7	+0.1	16.6	XII	532.7	1462.8	+506.5	103.0	V	83	+30.9	7.2	6.4	-	3	87	0	0	39	0	0	0	0	0	0
Salem	33.6	+0.1	40.2	III	23.3	+0.7	15.6	XII	377.4	1415.5	+466.3	135.6	X	72	+10.9	8.2	7.8	-0.6	8	96	0	0	71	0	0	0	0	0	0
Coimbatore (Pilamedu)	32.2	+0.5	38.1	III	21.5	+0.3	14.2	XII	248.7	647.0	+87.4	83.8	IX	41	+0.2	19.9	18.0	-0.9	7	69	0	0	41	17	0	0	1	0	0
Coimbatore	32.3	+1.2	38.7	IV	22.2	+0.6	15.2	XII	-	623.9	+9.7	55.6	IX	37	-7.9	-	8.1	-1.7	2	64	0	0	22	1	0	0	0	0	0
Nagapattinam	32.3	+0.4	41.4	V	25.4	+0.2	18.9	XII	402.4	1250.7	-116.3	120.4	XII	53	-2.2	14.9	13.3	+0.1	3	77	0	0	38	0	0	0	0	0	0
Tiruchchirapalli	34.0	+0.3	41.6	V	24.1	+0.1	17.8	I,XII	431.1	1123.8	+254.0	161.6	X	58	+10.6	13.3	11.5	-4.3	6	82	0	0	61	2	0	0	0	11	0
Vedaranniyam	32.7	-	37.6	VI	24.8	-	17.1	II	362.7	1475.6	-	100.4	IX	52	-	-	-	-	0	62	0	0	1	0	0	0	0	0	0
Atiranpattinam	32.3	-	39.0	V	24.6	-	18.0	XII	336.8	1593.8	-	121.6	X	67	-	14.4	11.3	-	0	87	0	0	35	0	0	0	0	0	0
Madurai	34.1	+0.2	41.3	V	24.1	+0.1	19.2	I,XII	-	1200.4	+306.5	78.0	VI	63	+11.3	-	5.4	-1.3	3	84	0	0	28	0	1	0	0	0	0
Madurai (A)	33.9	+0.3	41.3	V	23.7	+0.1	18.0	I	309.3	994.4	+268.6	103.3	XI	58	+14.1	9.9	9.5	-1.9	9	85	0	0	81	0	0	0	0	0	0
Tondi	31.4	0.0	40.1	V	24.8	+0.1	20.2	XII	353.0	1300.8	+464.9	115.8	X	58	+13.2	17.2	15.0	-0.2	0	78	0	0	61	0	0	0	0	0	0
Pamban #																													
Tuticorin	32.2	+0.6	39.5	V	24.2	-0.9	19.3	I	124.9	643.5	+29.0	155.9	XI	30	-4.8	18.9	15.7	-1.4	0	34	0	0	9	0	0	0	0	0	0
Palayamcottai	35.0	+1.3	42.8	V	24.2	-0.6	19.4	I	499.3	879.0	+136.4	82.5	XII	44	+3.6	13.1	9.6	-1.3	2	54	0	0	13	0	0	0	0	0	0
Kanniyakumari	31.2	-	34.6	II,IV,VIII	24.6	-	20.6	I	130.6	613.6	-	78.6	XI	39	-	18.7	17.0	-	0	53	0	0	0	0	0	0	0	0	0
COASTAL MYSORE																													
Karwar	#	-	-	-	23.7	+0.9	14.1	XII	949.1	3014.4	-115.4	115.2	V	99	-7.2	8.2	6.3	-	0	119	0	0	0	0	0	0	0	0	0
Honawar	30.8	-0.1	35.8	XI	22.9	0.0	15.6	XII	1221.2	3532.8	+52.5	331.7	XI	102	-12.1	-	-	-	2	124	0	0	37	0	0	0	2	0	0
Mangalore (Bajpe)	31.1	+0.1	35.8	II	23.0	+0.2	16.2	XII	956.0	3151.0	-1080.1	285.2	VI	121	-6.2	10.3	7.1	-0.7	3	142	0	0	58	11	0	0	0	0	0
Mangalore	30.5	0.0	34.6	XII	23.9	+0.2	17.4	XII	810.2	2697.8	-700.1	99.4	VI	117	-2.6	11.4	9.0	+0.6	0	137	0	0	12	0	0	0	0	0	0
INTERIOR MYSORE, NORTH																													
Bidar	31.7	+0.6	41.8	V	20.0	-0.7	13.6	XII	310.5	1034.6	+127.1	74.2	II	59	+6.7	13.8	11.6	-1.7	1	70	0	0	0	0	0	0	0	0	0
Gulbarga	33.8	+0.4	42.8	V	21.3	+0.3	5.0	XII	166.9	875.7	+146.0	93.4	VIII	40	-5.2	-	-	-	0	61	0	0	17	16	0	0	0	0	0
Bijapur	33.5	+1.0	41.7	IV	20.9	+0.6	11.0	I,XII	116.5	427.6	-92.9	51.2	VII	38	+3.6	9.6	8.2	-0.1	0	63	0	0	0	0	0	0	0	0	0
Raichur #																													
Belgaum	31.0	+0.9	39.6	V	18.7	+0.7	8.7	XII	627.8	1621.4	+341.2	148.8	V	78	-3.8	10.6	7.0	-2.3	3	118	0	0	0	0	0	0	0	0	0
Belgaum (Sanre)	29.8	+0.3	37.2	V	18.9	+0.4	8.8	I	511.3	1293.9	+141.5	139.2	V	70	-5.6	13.7	9.9	-5.9	10	104	0	1	38	1	0	0	0	0	0
Gadag	32.0	+0.3	40.0	IV	20.1	0.0	12.5	I	268.9	679.8	+42.1	78.9	V	38	-7.3	11.9	7.0	-4.4	5	55	0	0	33	4	0	0	0	0	0
INTERIOR MYSORE, SOUTH																													
Bellary	33.8	-0.9	43.2	IV	22.5	+0.3	12.5	XII	153.0	876.0	+356.1	140.0	XI	37	+4.1	10.0	7.8	-0.6	0	42	0	0	1	0	0	0	0	0	0
Chitradurga	30.9	+0.1	38.8	IV	20.5	+0.4	12.7	XII	165.4	878.0	+239.9	79.8	IX	48	+1.9	9.7	8.5	-0.9	3	73	0	0	10	0	0	0	0	0	0
Shimoga	31.4	+0.8	39.5	IV	18.0	-0.4	7.4	XII	261.8	833.9	-218.1	50.8	X	63	-12.8	6.5	4.1	-1.2	1	79	0	0	30	39	0	0	0	0	0
Agumbe	27.2	-	33.4	I,III	17.9	-	8.6	XII	-	5316.0	-	171.0	VII	127	-	-	4.5	-	0	148	0	0	0	0	0	0	0	0	0
Balehonnur	28.8	+1.9	36.9	IV	18.1	+0.6	10.9	I	-	1842.2	-790.3	86.0	VII	104	-17.8	-	-	-	0	134	0	3	18	4	0	0	0	0	0
Hassan	29.1	+0.6	36.5	IV	17.0	-0.1	9.5	XII	339.5	893.3	+14.4	92.0	V	57	-10.5	7.6	6.8	-2.5	0	91	0	0	14	2	0	0	0	0	0
Bangalore	29.1	+0.3	35.4	IV	19.3	+0.9	#11.4	XII	386.3	1206.1	+317.2	94.0	XI	58	+0.3	11.6	9.9	-1.6	1	102	0	0	44	5	0	0	0	5	0

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

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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	Kim squall
INTERIOR MYSORE, SOUTH (CONTD.)																													
Bangalore (A)	29.1	-0.5	35.5	IV	18.3	-0.3	11.2	XII	364.0	1064.6	+242.0	93.6	V	68	+11.7	-	-	-	9	98	0	0	44	18	0	0	0	5	0
Mysore	29.8	+0.2	36.5	IV	20.1	+0.9	11.6	XII	202.2	673.1	-136.6	56.0	X	47	-10.0	14.2	10.9	+0.3	0	70	0	0	14	0	0	0	0	0	0
KERALA																													
Calicut	31.0	+0.1	34.2	IV	24.1	+0.4	18.9	XII	832.6	2783.8	-394.3	101.7	VI	98	-19.0	9.6	8.4	-1.6	3	113	0	0	27	0	0	0	0	0	0
Palghat	32.7	+0.4	40.0	IV	23.4	0.0	17.0	I	422.0	1646.2	-393.6	97.0	V	87	-20.8	12.0	9.7	-1.1	0	100	0	0	23	0	0	0	0	0	0
Fort Cochin	30.3	+0.5	34.3	II	24.1	-0.3	21.4	I	561.5	3590.5	+543.9	154.1	XI	126	-6.3	13.3	9.6	+0.5	0	150	0	0	55	0	0	0	0	0	0
Cochin (N.A.S.)	31.0	-	34.5	II	24.2	-	19.1	I	1544.7	2664.8	-	124.9	XI	108	-	11.6	9.3	-	7	141	0	0	110	1	0	0	0	16	0
Alleppey	31.1	+0.4	35.1	I	24.4	+0.5	20.2	I	502.0	2796.1	-455.7	177.8	XI	133	-9.3	15.3	11.7	+0.7	0	171	0	0	55	0	0	0	1	0	0
Punalur	33.2	+0.9	37.6	II	22.6	+0.2	17.6	I	994.8	2586.0	-428.3	114.2	VI	123	-12.3	-	-	-	0	141	0	0	0	0	0	0	0	0	0
Trivandrum	30.9	+0.2	35.3	I	23.9	+0.4	19.8	I	455.0	1777.6	-34.5	156.8	X	89	-13.2	12.0	8.3	+0.4	8	138	0	0	85	1	0	0	0	0	0
Trivendrum (A)	30.6	+0.1	33.6	II, III #	-	-	-	-	-	1597.7	-	92.4	IX	84	-	-	-	-	7	122	0	0	63	0	0	0	0	0	0
ARABIAN SEA ISLANDS																													
Amini	30.9	-0.2	33.9	V	25.3	-0.1	21.1	XII	485.5	1809.1	+304.6	118.2	VII	75	-5.4	18.8	18.3	+5.7	9	113	0	0	16	0	0	0	0	0	0
Agathi	30.4	-	32.6	V	-	-	-	-	452.4	1598.3	-	94.5	XI	75	-	12.7	12.3	-	4	108	0	0	22	0	0	0	0	0	0
Androth	31.3	-	34.3	IV	25.6	-	20.7	XII	779.1	2032.3	-	82.9	VI	88	-	-	-	-	0	108	0	0	1	0	0	0	0	0	0
Minicoy	30.6	+0.7	32.9	IV	24.9	+0.3	18.0	XII	610.2	1543.3	-97.1	85.7	X	85	-9.1	11.5	9.8	-0.5	7	126	0	0	34	0	0	0	0	0	0
HILL STATIONS (EXCLUDING KASHMIR)																													
Dalhousie	21.1	+0.8	32.1	VI	8.9	-2.1	-2.1	III	838.8	2793.8	+503.2	409.0	IX	85	-9.4	2.7	3.4	-0.5	2	123	4	15	26	-	-	-	-	-	-
Dharamsala	24.2	+0.6	36.4	V,VI	14.7	-0.8	4.8	XI	676.0	2873.0	-530.4	1846.0	VII	92	-7.3	6.5	5.0	+0.3	3	122	0	1	64	1	0	0	0	0	0
Bhuntar	25.3	-	37.8	VI	9.9	-	-2.3	XII	249.5	834.3	-	53.9	VII	71	-	9.3	6.4	-	5	106	0	7	83	0	1	0	0	0	0
Simla	17.8	+0.7	30.8	VI	-	-	-	-	580.7	1418.6	-123.6	66.3	VI	80	-10.0	3.1	2.3	-1.3	4	105	6	2	6	0	0	0	0	0	0
Dharampur	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gangaria (Kanjalia Toh)	7.4	-	#	-	-0.5	-	11.6	I	#	#	-	#	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Joshimath	20.8	+0.5	32.2	VI	-	-	-	-	231.0	1130.2	-224.7	47.0	II	86	-8.8	5.8	5.9	-0.4	0	89	0	1	10	45	0	0	0	0	0
Mussoorie	18.9	+0.9	31.1	V,VI	10.6	+0.2	-0.1	III	857.8	2568.4	-23.9	188.6	VIII	84	-12.6	9.6	7.9	+1.2	0	95	3	4	45	1	0	0	0	0	0
Mukteshwar (Kumaon)	19.2	+1.6	30.8	VI	9.6	+0.1	-0.9	XII	688.0	1330.2	+13.2	112.6	VII	69	-11.9	13.1	13.1	+0.9	4	102	5	9	53	31	0	0	0	0	0
Nainital	18.6	+0.3	29.8	VI	10.4	0	0.3	II,XII	801.7	2259.1	-338.4	263.0	VII	71	-25.0	9.7	7.6	+0.1	1	95	2	0	5	4	0	0	0	0	0
Kalimpong	22.5	+1.0	30.5	V	15.0	+0.5	4.0	XII	386.4	3044.4	+790.4	226.0	VII	103	-2.5	10.9	8.5	0	0	124	0	0	0	0	0	0	0	0	0
Darjeeling	#	-	-	-	9.5	-0.7	0.8	XII	617.0	2196.0	-909.1	199.0	VII	108	-18.1	3.2	2.6	+0.2	0	137	0	0	26	66	0	0	0	0	0
Kohima #																													
Shillong (C.S.O.)	21.5	-0.5	30.3	V	13.2	+1.3	3.7	XII	1054.6	2420.3	+1.2	180.0	VIII	114	-11.8	#	#	-	4	145	0	3	33	33	0	0	0	0	0
Cherrapunji	22.3	+1.7	27.2	V	13.6	-0.7	5.2	XII	-	11403.2	+53.0	882.1	VI	148	-12.5	7.8	7.2	-1.7	2	182	0	0	12	78	0	0	0	0	0
Mawsynram	-	-	-	-	-	-	-	-	-	15221.1	+4339.6	945.4	VI	153	+5.7	#	#	-	0	168	-	-	-	-	-	-	-	-	-
Abu #																													
Aijal #																													
Pachmarhi	27.6	+0.7	39.4	VI	16.2	+0.3	3.4	I,XII	555.2	1383.7	-739.2	154.6	VII	62	-18.0	6.4	5.4	+0.1	0	76	0	2	29	0	0	0	0	0	0
Mahabaleshwar	25.0	+0.9	34.8	V	16.2	+0.1	8.0	I	1986.6	4858.5	-1867.8	336.8	VII	108	-10.7	13.4	13.2	+1.4	4	121	0	0	9	142	0	0	0	0	0
Mercara	25.0	+0.9	32.0	IV	16.2	-0.2	10.0	I	1105.1	2454.6	-810.8	95.6	VII	115	-17.4	11.6	10.8	-0.2	0	146	0	0	39	2	0	0	1	0	0
Ootacamund	22.0	+0.7	26.1	IV	9.5	+0.4	2.0	XII	552.0	1448.8	+72.6	79.6	XI	85	-19.7	-	-		3	118	0	0	19	0	0	0	0	0	0
Coonoor #																													
Kodaikanal	18.7	+0.8	25.5	V	10.7	+0.1	3.3	I	835.7	1516.8	-157.0	123.8	XI	100	-6.4	12.5	12.8	-0.1	22	145	0	0	39	7	2	0	0	0	0
Badrinath #																													
NEPAL																													
Katmandu	25.9	-	35.8	VI	11.1	-	-1.9	XII	339.1	1224.8	-	115.2	VIII	74	-	1.6	0.7	-	4	109	0	0	52	80	0	13	0	0	0
Sikkim	(d)									(b)																			
Lachen	14.9	+1.8	-	#	-	-	-	-	-	392.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(A) Aerodrome. # Data not available for complete year, hence no annual means. (b) Data for 363 days. (d) Data for 361 days.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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
HYDROMETEOROLOGICAL OBSERVATORIES																													
DAMODAR CATCHMENT																													
Tilaiya	31.5	-	44.5	VI	19.5	-	3.7	XII	346.0	578.1	-	158.0	VIII	37	-	10.8	6.5	-	3	59	0	0	0	0	0	0	0	0	0
Hazaribagh	30.9	-	42.4	VI	17.8	-	4.2	I	376.2	717.4	-	112.0	VIII	50	-	9.1	5.4	-	6	73	0	1	32	4	4	0	0	0	0
Konar	#	-	-	-	#	-	-	-	67.9	653.6	-	56.0	IX	52	-	6.2	4.8	-	0	63	0	0	0	0	0	0	0	0	0
Bokaro	33.6	-	46.1	VI	16.2	-	-0.2	XII	428.9	824.8	-	82.0	VI	53	-	#	#	-	7	75	0	0	0	0	0	0	0	0	0
Maithon	33.6	-	46.9	VI	18.6	-	4.0	XII	471.5	917.2	-	71.9	IX	65	-	*	*	-	2	82	0	0	62	1	0	0	0	0	0
Rangarh (a)	33.9	-	46.8	V	18.2	-	1.8	XII	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Panchet Hills	32.9	-	47.0	VI	21.2	-	7.2	XII	379.8	901.9	-	144.0	VIII	46	-	7.5	6.1	-	2	74	0	0	12	25	0	0	0	0	0
Durgapur	32.7	-	46.0	VI	20.0	-	4.4	XII	407.9	846.7	-	62.2	VII	55	-	11.3	9.1	-	1	78	0	1	1	2	6	0	0	0	0
MAHANADI CATCHMENT																													
Ginabahar	32.5	-	44.9	V	17.2	-	3.2	XII	-	1246.6	-	83.6	VIII	67	-	-	-	-	1	87	0	0	31	0	0	0	0	4	0
Hirakud	33.7	-	45.7	V	22.2	-	10.1	I	432.2	1333.1	-	105.0	IV	64	-	4.6	3.5	-	0	90	0	0	77	1	0	0	0	2	0
Bhimkund	32.1	-	43.2	V	19.7	-	0.8	XII	588.9	1112.2	-	85.0	VI	63	-	-	-	-	1	101	1	0	128	19	0	0	0	0	0
Sonepur	33.6	-	45.5	V	22.7	-	8.9	I	-	1207.5	-	197.7	VI	60	-	-	3.9	-	2	68	0	0	0	0	0	0	0	0	0
Khijrawan	32.9	-	44.9	V	20.6	-	7.1	I	-	995.4	-	56.4	IX	60	-	(c) 9.8	(c) 6.5	-	0	69	0	1	39	2	0	0	0	4	0
NARMADA CATCHMENT																													
Bagra Tawa	33.2	-	45.8	VI	#	-	1.5	XII	281.8	724.5	-	73.6	VII	40	-	(e) 10.4	(e) 7.2	-	8	60	0	0	6	0	0	0	0	0	0
Punasa	34.7	-	48.2	VI	#	-	#	-	129.6	895.0	-	124.1	IX	44	-	11.4	9.5	-	0	50	0	0	0	0	0	0	0	0	0
Thikri	36.1	-	46.5	V,VI	#	-	6.1	XII	-	543.5	-	84.8	VI	33	-	-	-	-	5	52	0	0	0	0	0	0	0	0	0
SABARMATI CATCHMENT																													
Dargoi	35.1	-	45.2	IV	18.0	-	3.8	XII	64.5	477.2	-	101.2	VIII	18	-	-	-	-	1	31	-	-	-	-	-	-	-	-	-
GANDAK CATCHMENT																													
Jomosom	19.5	-	28.8	VII	5.9	-	-5.6	I	26.6	158.3	-	83.8	I	12	-	-	-	-	0	18	-	-	-	-	-	-	-	-	-
Khudi Bazar	26.5	-	36.2	V	15.8	-	5.6	XII	7[illegible].0	3200.8	-	252.4	VII	118	-	-	-	-	1	145	-	-	-	-	-	-	-	-	-
Tisure	-	-	32.7	VI	-	-	0.9	I	135.6	956.5	-	50.7	VIII	83	-	-	-	-	0	106	-	-	-	-	-	-	-	-	-
Pokhara	26.6	-	36.3	V	16.0	-	4.8	XII	876.4	3245.9	-	185.8	VII	118	-	3.0	2.6	-	0	144	0	4	91	4	0	0	0	0	0
Gorkha	25.3	-	36.0	V	16.4	-	7.2	XII	280.6	1504.2	-	103.2	VII	75	-	-	-	-	6	101	0	1	76	92	0	0	0	0	0
Nuwakot #																													
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																													
Dailekh	24.2	-	36.4	VI	13.7	-	3.7	XII	504.6	1377.0	-	74.0	VII	79	-	-	-	-	2	92	-	-	-	-	-	-	-	-	-
GHAGHARA CATCHMENT																													
Dadeldhura #																													
Sallyana	24.5	-	35.6	VI	14.6	-	3.6	I	147.3	713.1	-	87.0	VI	50	-	-	-	-	2	79	-	-	-	-	-	-	-	-	-
Butwal	31.3	-	44.4	VI	20.9	-	9.9	XII	847.3	2963.6	-	402.0	VIII	85	-	-	-	-	0	96	-	-	-	-	-	-	-	-	-
BHAGMATI CATCHMENT																													
Katmandu %																													
KOSI CATCHMENT																													
Chautara *																													
Wallungchung Gola	12.1	-	20.4	VII	-	-	-13.6	XII	334.2	1643.2	-	74.9	I	120	-	-	-	-	0	154	-	-	-	-	-	-	-	-	-
Taplethok	25.3	-	32.7	IV	13.7	-	4.2	XII	300.6	2378.2	-	65.4	VII	139	-	-	-	-	4	171	-	-	-	-	-	-	-	-	-
Bhojpur	20.7	-	31.0	V	14.0	-	4.6	XII	254.5	1171.4	-	114.1	IX	68	-	-	-	-	1	84	-	-	-	-	-	-	-	-	-
Taplejung	20.8	-	28.7	V	11.9	-	2.9	XII	355.2	1990.3	-	75.6	V	120	-	*	*	-	7	150	0	1	29	58	0	0	0	0	0
Okhaldhunga	*	-	*	-	12.2	-	3.8	XII	454.0	1710.9	-	113.8	IX	84	-	4.8	3.7	-	3	111	0	0	20	63	0	3	0	0	0
Chainpur	24.9	-	34.6	V	15.7	-	5.8	I	280.9	1498.0	-	137.6	VIII	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Data not available for complete year, hence no annual means. * Data not available. % Data under Nepal under hill stations. (a) Data for 364 days. (c) Data for 362 days. (e) Data for 360 days.

Table II - Summary of observations of Temperature, Rainfall and Weather for the year 1966

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 (CONTD.)																													
KOSI CATCHMENT (CONTD.)																													
Anghung * Baraahakshetra	30.0	-	42.4	V	19.4	-	10.4	I,XII	915.3	2754.4	-	235.8	VII	96	-	6.5	4.2	-	8	121	0	3	55	0	0	0	0	1	0
TISTA CATCHMENT																													
Gangtok	20.9	-	27.2	VI	11.7	-	3.5	I,XII	827.6	3483.0	-	157.8	VI	161	-	#	-	-	5	193	0	4	38	136	0	0	0	1	0
Gezing	23.3	-	30.7	V	12.9	-	4.0	XII	271.7	2056.1	-	91.9	VIII	97	-	#	#	-	0	120	-	-	-	-	-	-	-	-	-

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

Table III - Summary of Observations at Fixed Hours for the year 1966

Sub-Division and Station	Hour of observation I.S.T.	Station elevation in metre	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. (Okta): Mean Amount	Cloud Amt. (Okta): Departure from normal	Mean wind speed km. per hour	Wind speed (km.p.h.): 48 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	1010.2	1007.1	-0.8	28.6	25.2	23.7	30.1	81	+1	4.8	+0.1	8.2	0	44	244	6	82	32	16	6	82	47	17	77	0
	1730	"	1007.6	1004.5	-1.0	27.4	24.8	23.7	29.4	81	-1	5.0	0	10.7	0	52	284	7	110	43	13	1	97	51	13	29	1
Long Island	# 0830	25																									
	# 1730	"																									
Port Blair	0530	79	1009.0	1000.0	-	24.9	23.8	23.2	28.5	90	-	5.5	-	8.7	0	49	210	8	32	38	15	45	67	29	25	106	0
	0830	"	1010.7	1001.8	0	28.4	25.4	24.1	29.9	78	+1	5.6	+0.2	13.5	0	90	250	19	68	68	31	46	69	24	15	25	0
	1130	"	1009.4	1000.6	-	29.4	25.6	23.9	29.7	73	-	5.3	-	16.8	0	132	224	14	65	73	54	45	67	21	17	9	0
	# 1430	"																									
	1730	"	1008.4	999.5	+0.2	27.0	24.6	23.5	29.0	82	-1	5.9	-0.1	11.2	0	66	244	12	40	71	19	40	83	22	23	55	0
	# 2030	"																									
	2330	"	1009.7	1000.7	-	25.6	24.2	23.6	29.1	89	-	4.9	-	9.5	0	47	235	13	37	50	13	44	71	35	19	83	0
Car Nicobar	0830	10	1010.8	1009.5	0	28.5	25.5	24.2	30.2	78	0	5.0	-0.4	1.7	0	0	244	8	97	24	7	6	83	17	0	121	2
	1730	"	1008.2	1007.0	-0.2	27.3	25.0	24.0	29.9	82	-1	5.1	-0.2	1.0	0	0	157	5	55	16	4	2	60	11	2	208	2
Nancowry	0830	26	1010.8	1007.9	-0.2	28.0	25.7	24.7	30.9	82	+1	5.1	-0.6	4.1	0	3	225	1	6	14	16	10	124	44	11	137	2
	1730	"	1008.4	1005.5	-0.2	27.4	25.2	24.0	30.2	83	0	5.3	-0.2	3.1	0	2	172	0	2	6	3	3	97	48	15	191	0
Kondul	# 0830	8																									
	# 1730	"																									
NORTH ASSAM (INCLUDING NEFA)																											
Passighat	0830	157	1010.8	992.8	-0.2	22.1	19.6	18.0	21.5	78	+3	5.5	+0.2	12.7	0	111	226	13	15	20	14	7	7	2	259	28	0
	1730	"	1006.7	988.9	-0.4	23.9	21.0	19.4	23.2	77	-2	5.0	+0.3	4.6	0	17	247	22	16	23	12	17	18	16	140	101	0
Dibrugarh (Mohanbari)	0230	111	1008.4	995.5	-	19.5	18.7	18.1	21.7	92	-	5.0	-	3.7	0	4	181	14	128	24	2	1	12	2	2	180	0
	0530	"	1009.2	996.3	-	18.8	18.2	17.8	21.4	94	-	5.5	-	3.4	0	3	185	22	107	24	9	6	13	1	6	177	0
	0830	"	1008.9	998.1	0	22.4	20.3	19.0	22.8	82	+1	5.3	0	6.4	0	3	339	33	203	56	14	9	11	5	10	23	1
	1130	"	1009.2	996.6	-	25.8	21.5	18.6	22.7	68	-	5.8	-	6.9	0	2	349	40	163	67	20	10	21	13	17	14	0
	1430	"	1006.5	994.0	-	27.2	22.0	19.2	22.6	62	-	4.5	-	6.7	0	9	332	38	162	32	24	16	27	19	23	24	0
	1730	"	1006.8	994.0	-0.1	24.3	21.3	19.6	25.5	76	-2	4.4	-0.3	3.2	0	1	188	15	115	19	9	5	12	6	8	176	0
	2030	"	1008.6	995.9	-	21.1	20.0	19.4	23.0	87	-	4.0	-	2.6	0	1	146	10	108	11	3	3	7	2	3	218	0
	2330	"	1008.9	996.1	-	20.3	19.3	18.7	22.4	91	-	4.7	-	3.4	0	3	175	13	124	19	5	1	10	3	3	187	0
Digboi	# 0830																										
	# 1730																										
North Lakhimpore	0830	102	1010.7	999.0	0	23.2	20.7	19.3	22.9	79	-3	4.9	-0.2	5.2	0	4	318	66	117	46	25	24	21	9	14	43	0
	1130	"	1009.3	999.2	-	26.3	21.8	19.2	23.0	66	-	4.9	-	7.7	0	13	332	51	89	93	52	37	17	5	1	20	0
	1430	"	1006.8	995.3	-	27.3	22.0	19.1	22.5	62	-	4.6	-	7.5	0	12	330	37	91	72	43	47	32	6	14	23	0
	1730	"	1006.7	995.1	0	24.1	21.5	20.1	24.1	78	-4	4.3	-0.4	4.2	0	4	259	61	75	41	14	28	20	5	19	102	0
	2030	"	1008.7	997.0	-	21.6	20.4	19.7	20.7	89	-	4.0	-	3.1	0	5	188	46	59	18	8	9	9	16	28	172	0
Sibsagar	0830	97	1010.8	999.7	0	2..9	21.0	19.9	23.9	84	-1	5.3	-1.0	2.2	0	0	283	116	108	10	2	22	25	0	0	82	0
	1730	"	1006.3	995.4	-0.1	26.4	22.5	20.4	24.5	71	-8	4.5	-0.3	1.9	0	0	219	85	91	12	4	7	18	2	0	146	0
Gohpur	0830	83	1010.5	1000.9	-	22.8	21.0	20.1	24.2	86	+1	5.3	-	3.5	0	0	297	4	130	7	89	1	33	1	17	68	15
	1730	"	1006.4	996.8	-	24.5	22.0	20.5	24.9	79	+1	4.2	-	2.4	0	0	242	4	115	7	53	3	26	1	21	123	12
Majbat	0830	-	-	993.6	-2.9	23.3	20.7	19.3	23.0	79	-	4.3	-0.2	4.0 (1)	0	0	305	0	198	1	37	3	46	0	20	48	0
	1730	-	-	989.8	-2.9	25.6	22.1	20.3	24.2	73	-	4.5	+0.6	2.5 (1)	0	0	219	1	105	4	17	4	62	4	22	134	0
Jorhat (A)	0530	90	1008.3	998.0	-	19.4	19.1	18.9	22.8	97	-	5.4	-	0.7	0	0	87	6	35	13	3	1	19	5	5	278	0
	0830	"	1010.0	999.8	-	23.0	21.2	20.2	24.4	85	-	5.2	-	1.4	0	0	182	22	76	22	5	1	28	9	17	183	2
	1130	"	1008.5	998.4	-	26.8	22.6	20.4	24.5	69	-	4.6	-	3.0	0	0	277	21	138	49	3	1	26	15	19	86	5
	1730	"	1005.8	995.6	-	24.8	22.0	20.5	24.8	78	-	4.1	-	1.3	0	0	152	18	85	17	0	1	16	5	9	213	1
	2330	"	1006.2	997.8	-	20.8	20.2	19.9	24.0	94	-	4.0	-	0.9	0	0	86	8	34	14	0	2	15	6	7	279	0

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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.): 68 or more	Wind speed (km.p.h.): 20 to 61	Wind speed (km.p.h.): 1 to 19	No. of observations, Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
NORTH ASSAM (INCLUDING NEFA) (Contd.)																											
Tangla	0830	78	1009.4	1000.5	-0.4	23.9	21.7	20.5	24.8	82	+4	-	-	(b) 1.1	0	0	154	0	2	0	107	0	45	0	0	209	0
	1730	"	1005.3	996.5	-0.3	26.4	23.8	22.6	27.8	80	+5	-	-	0.5	0	0	80	0	0	0	54	0	26	0	0	285	0
Tezpur	0830	"	1010.7	1001.7	-0.2	22.7	20.7	19.6	23.5	83	+2	4.2	-0.1	3.4	0	0	314	13	202	33	13	11	35	4	3	51	0
	1730	"	1006.2	997.4	-0.2	26.2	22.3	20.3	24.2	71	-3	3.4	+0.1	1.6	0	0	182	12	108	16	3	3	36	4	0	183	0
Golaghat	# 0830	95																									
	# 1730	"																									
Rangia	0830	60	1011.4	1004.6	-	24.6	22.1	20.8	25.3	80	+2	3.8	-	(a) 6.0	0	4	316	3	61	170	22	4	11	38	11	44	0
	1730	"	1007.4	1000.6	-	26.5	23.3	21.7	27.0	76	+5	3.1	-	(d) 1.9	0	4	135	2	19	52	7	6	9	35	9	222	0
Chaparmukh	0830	66	1010.8	1003.3	0	24.2	21.7	20.3	24.6	79	+2	3.8	-0.2	(t) 3.6	0	0	332	7	36	95	135	26	13	8	12	13	0
	1730	"	1006.5	999.1	+0.1	26.9	23.0	17.1	25.4	71	-2	3.6	-0.1	(y) 2.4	0	1	239	38	67	20	46	14	23	9	23	100	0
Goalpara	# 0830	38																									
	1730	"	1006.0	1001.6	+0.3	28.2	23.1	20.5	24.6	65	-4	3.1	-0.2	1.4	0	0	232	1	77	12	36	4	44	20	38	133	0
Gauhati (Khorjor)	0230	54	1007.3	1001.1	-	20.8	19.8	19.3	23.2	90	-	3.7	-	3.7	0	6	169	21	50	16	12	33	23	15	4	190	1
	0530	"	1008.1	1001.8	-	20.1	19.3	18.8	22.8	93	-	4.5	-	3.1	0	2	163	24	48	22	14	36	10	4	7	200	0
	0830	"	1009.9	1003.7	-0.5	23.7	21.3	19.9	23.9	80	0	4.4	+0.1	4.6	0	4	226	49	82	18	11	21	12	23	14	135	0
	1130	"	1008.4	1002.3	-	27.4	22.6	20.1	24.0	65	-	4.1	-	7.4	0	7	322	95	115	19	2	4	3	34	39	36	18
	1430	"	1005.6	999.5	-	28.6	22.7	19.5	23.3	59	-	4.1	-	8.0	0	14	319	89	93	18	6	5	7	48	61	32	6
	1730	"	1005.7	999.5	-0.8	25.7	22.2	20.4	24.1	71	-4	4.3	+0.1	4.3	0	9	212	37	58	13	14	21	22	37	18	144	1
	2030	"	1007.8	1001.6	-	23.1	21.3	20.3	24.5	85	-	3.3	-	3.6	0	5	141	3	34	28	10	33	26	7	5	219	0
	2330	"	1008.1	1001.8	-	21.8	20.5	19.7	23.8	85	-	3.5	-	3.2	0	3	125	5	43	19	3	29	24	2	3	237	0
Dhubri (Rupsi)	0530	36	1007.9	1002.7	-	20.0	19.2	18.7	22.5	93	-	4.2	-	4.9	0	2	262	15	133	67	12	13	15	5	4	101	0
	0830	"	1009.4	1004.2	+0.2	24.4	21.5	19.8	24.0	77	0	4.3	+0.4	6.6	0	4	335	6	117	118	26	30	32	7	3	26	0
	1130	"	1008.3	1003.2	-	28.1	22.8	19.8	24.0	64	-	4.1	-	8.0	0	13	342	4	70	130	36	38	55	19	3	10	0
	1730	"	1005.3	1000.1	-0.1	26.8	22.7	20.4	24.9	71	-4	3.5	+0.2	4.0	0	3	223	11	34	49	16	27	47	32	10	139	0
Dhubri	0830	35	1010.2	1006.1	0	24.0	21.7	20.4	24.6	81	0	3.1	-0.6	7.4	0	20	309	10	198	48	33	10	26	3	1	36	0
	1730	"	1006.3	1002.3	0	26.3	22.4	20.2	24.5	71	-1	2.4	-0.9	4.5	0	21	177	20	63	40	20	22	15	5	13	167	0
Lumding	0830	149	1010.4	993.4	-	21.7	19.9	18.6	22.8	85	+6	3.9	-	1.3	0	0	149	3	14	86	16	16	5	4	5	216	0
	1730	"	1005.9	989.2	-	27.3	22.9	20.6	24.6	69	-	4.2	-	1.5	0	0	154	13	3	30	14	39	21	15	19	211	0
SOUTH ASSAM (INCLUDING NAGALAND, MANIPUR AND TRIPURA)																											
Tura	0830	370	1010.0	968.3	-0.7	22.5	20.8	19.9	23.6	85	+5	5.4	+1.1	3.7	0	0	299	9	29	109	73	40	15	15	9	66	0
	1730	"	1006.1	965.0	-0.7	26.2	23.5	22.1	26.9	80	+5	5.9	+1.3	(b) 4.1	0	0	319	19	15	44	56	64	43	68	10	44	0
Haflong	0830	682	1011.4	935.5	+1.3	21.0	18.4	16.9	19.6	79	+1	4.1	0	2.3	0	2	204	0	2	0	1	21	148	0	34	159	0
	1730	"	1005.8	930.7	0	22.6	19.4	17.6	20.5	74	+2	3.8	-0.2	2.1	0	0	202	1	2	0	4	22	164	0	9	163	0
Silchar (Kumbhirgram)	0530	97	1007.6	996.4	-	20.1	19.0	18.4	21.7	89	-	4.3	-	7.6	0	0	350	2	22	305	8	0	0	9	3	15	1
	0830	"	1009.1	998.1	-0.2	23.4	20.7	19.1	22.9	77	-1	4.1	0	8.3	0	0	350	1	13	292	21	7	1	14	1	15	0
	1130	"	1007.4	996.5	-	27.4	22.1	19.5	22.7	62	-	4.0	-	7.7	0	1	358	8	14	136	49	42	33	53	20	6	4
	1730	"	1005.0	994.1	-0.3	26.4	22.2	20.0	23.8	69	-2	3.7	+0.2	4.7	0	1	273	21	31	57	7	16	39	87	15	91	1
Silchar	0830	29	1011.3	1007.9	+0.5	23.9	21.7	20.5	24.6	80	-1	4.2	+0.1	0.8	0	0	136	10	30	41	32	12	4	5	2	229	0
	1730	"	1007.4	1004.1	+0.9	26.9	23.0	21.1	25.5	70	-2	3.8	+0.2	0.4	0	0	77	9	14	9	4	12	15	6	8	288	0
Imphal (Tulihal)	0530	781	1011.2	923.4	-	15.8	15.2	14.8	17.9	94	-	5.3	-	1.8	0	0	85	17	12	23	8	7	5	6	7	280	0
	0830	"	1011.5	924.9	-0.3	20.1	17.5	15.3	18.9	78	+2	5.2	+0.7	3.4	0	3	127	10	18	22	21	29	9	8	13	235	0
	1130	"	1008.5	923.3	-	24.1	19.2	16.4	19.0	63	-	4.6	-	6.5	0	19	248	14	11	11	41	64	48	41	37	98	0

(a) Data for 364 days. (b) Data for 363 days. (t) Data for 345 days. (y) Data for 340 days. (d) Data for 361 days. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1966

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 e.p.m. of normal 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	1005.4	920.8	-	25.8	19.4	15.7	26.7	55	-	4.4	-	9.6	0	27	273	13	5	10	40	62	45	50	75	65	0
	1730	"	1006.7	921.2	+1.4	22.2	18.5	16.4	19.0	70	+2	4.4	+0.4	8.0	0	9	263	8	8	8	27	28	21	46	126	93	0
	2030	"	1009.7	923.1	-	19.4	17.5	16.3	19.2	83	-	3.9	-	4.0	0	4	146	9	10	12	10	25	10	21	53	215	0
	2330	"	1010.4	923.2	-	17.7	16.5	15.8	18.8	89	-	4.2	-	3.0	0	0	126	21	23	10	14	12	12	6	28	239	0
Kailashahar	0530	29	1008.9	1005.6	-	20.4	19.9	19.6	23.6	95	-	4.3	-	2.4	0	1	216	13	22	19	16	59	67	1	9	148	11
	0830	"	1010.6	1007.2	-0.1	24.2	22.1	21.0	25.5	83	+4	4.2	+0.1	4.2	0	0	333	27	24	25	21	70	132	8	16	32	10
	1130	"	1009.2	1006.2	-	28.4	23.6	21.2	25.7	74	-	4.5	-	5.3	0	2	357	42	55	33	19	49	101	21	26	6	13
	1730	"	1006.7	1003.4	-0.1	26.7	23.3	21.6	26.2	75	+2	4.0	-0.1	3.0	0	3	221	27	22	22	9	44	62	11	23	141	4
Agartala	0230	16	1006.7	1004.9	-	21.5	20.5	20.0	24.2	91	-	3.3	-	5.8	0	13	168	6	10	11	61	85	0	3	5	184	0
	0530	"	1007.3	1005.5	-	20.9	20.1	19.6	23.7	92	-	4.2	-	6.7	0	22	183	3	16	24	93	65	2	0	2	160	0
	0830	"	1009.0	1007.2	-0.2	25.7	22.7	21.2	25.8	77	-1	4.2	-0.1	8.4	0	18	250	29	19	16	77	107	5	7	8	97	0
	1130	"	1007.9	1006.1	-	29.1	23.4	20.2	24.7	61	-	4.5	-	9.9	0	29	312	45	22	8	40	106	35	29	56	24	0
	1430	"	1005.5	1003.7	-	29.9	23.4	19.7	24.1	58	+	4.5	-	10.6	0	21	324	43	16	8	32	87	42	40	77	20	0
	1730	"	1005.5	1002.7	-0.2	26.8	22.8	20.5	25.0	70	-1	4.3	+0.2	9.1	0	39	212	40	9	13	29	100	17	16	27	114	0
	2030	"	1007.4	1005.6	-	23.8	21.7	20.6	25.0	83	-	3.2	-	6.5	1	14	174	8	7	7	60	95	8	2	2	176	0
	2330	"	1007.5	1005.7	-	22.4	21.1	20.2	24.7	88	-	3.3	-	6.2	0	15	169	2	8	5	62	98	5	2	2	181	0
SUB-HIMALAYAN WEST BENGAL																											
Baghdogra	0230	131	1007.6	992.4	-	19.7	18.5	17.7	21.2	89	-	3.3	-	4.7	0	6	170	48	102	17	1	1	4	0	3	189	0
	0530	"	1008.1	992.9	-	18.9	17.9	17.3	20.6	89	-	3.8	-	5.5	0	6	199	49	115	20	6	4	7	0	4	160	0
	0830	"	1009.9	994.9	+0.4	24.1	20.6	18.6	22.1	73	-2	4.0	0	8.4	0	22	217	10	119	95	2	4	7	0	2	126	0
	1130	"	1008.8	993.9	-	28.2	22.2	18.9	22.4	59	-	4.0	-	11.6	0	20	319	1	72	165	44	26	27	3	0	26	1
	1430	"	1005.9	991.2	-	29.5	22.6	18.9	22.1	53	-	4.1	-	10.0	0	10	322	8	55	95	24	58	67	18	5	33	2
	1730	"	1005.7	990.9	-0.2	26.5	22.0	19.4	23.4	68	-4	3.7	-0.3	7.8	0	10	249	14	90	52	12	18	52	17	4	106	0
	2030	"	1007.8	992.8	-	22.9	20.5	19.1	22.9	80	-	3.2	-	5.7	0	4	214	72	85	28	1	4	11	4	13	147	0
	2330	"	1008.3	993.2	-	20.9	19.4	18.5	22.1	86	-	3.3	-	4.7	0	2	183	64	82	22	2	2	2	6	5	180	0
Jalpaiguri	0830	85	1009.4	999.9	-0.4	21.9	20.0	18.9	22.6	84	+2	3.1	-0.4	6.0	0	15	325	(a) 94	93	82	14	6	8	13	30	24	0
	1730	"	1005.1	995.8	-0.5	27.5	22.5	19.8	23.6	64	-2	2.1	-1.0	4.1	0	2	236	(a) 15	70	49	44	13	20	21	6	126	0
Cooch Behar	0830	43	1009.9	1005.0	+0.4	23.8	21.1	19.5	23.4	78	+2	3.7	-0.2	9.5	0	46	264	16	65	183	19	13	7	4	2	55	1
	1130	"	1008.7	1003.9	-	27.6	22.5	19.5	23.6	64	-	3.8	-	12.5	0	66	267	15	55	156	39	41	11	8	3	32	5
	1730	"	1005.8	1001.0	+0.1	26.5	22.4	20.1	24.4	70	-2	3.2	-0.2	4.2	0	15	139	11	35	59	16	12	4	14	3	211	0
Balurghat	0830	26	1008.7	1005.8	-	25.8	21.8	19.5	23.6	70	-	3.0	-	3.1	0	0	304	51	29	64	57	23	38	20	22	61	0
	1730	"	1004.6	1001.7	-	27.7	22.7	19.7	24.0	66	-	2.9	-	1.8	0	0	179	14	14	30	43	16	29	20	13	186	0
Malda	0830	31	1009.1	1005.5	-0.2	25.5	21.6	19.3	23.5	69	-3	3.1	-0.5	2.1	0	0	227	23	20	40	28	32	26	24	30	138	4
	1730	"	1005.1	1001.5	-0.4	29.0	27.8	19.5	23.5	60	-2	3.0	-0.2	1.9	0	0	205	14	19	34	20	21	8	28	59	160	2
GANGETIC WEST BENGAL																											
Berhampore	0830	19	1008.8	1006.7	-0.2	25.3	22.0	20.0	24.5	74	+1	3.5	-0.3	2.2	0	0	225	14	3	47	6	112	14	25	4	140	0
	1730	"	1004.9	1002.8	-0.2	28.5	27.8	19.4	23.7	63	+1	3.5	-0.2	1.4	0	0	147	4	0	46	4	71	4	17	1	218	0
Suri	0830	-	*	*	-	26.4	21.4	18.6	22.3	63	-3	3.0	-0.5	4.4	0	0	365	59	6	67	9	114	16	82	12	0	0
Asansol	0230	126	1006.9	992.4	-	22.1	19.4	17.7	21.6	78	-	2.4	-	3.0	0	3	159	6	15	17	23	34	21	26	20	203	0
	0530	"	1007.4	993.0	-	21.4	19.1	17.6	21.5	80	-	3.4	-	2.7	0	0	197	6	21	20	22	31	21	37	39	168	0
	0830	"	1008.9	994.7	+0.1	26.5	21.1	17.6	21.5	62	-7	3.2	-0.2	5.3	0	1	317	13	26	29	31	32	34	75	78	47	0
	1130	"	1007.8	993.8	-	31.3	22.3	16.6	20.3	46	-	3.3	-	7.0	0	7	339	45	34	33	32	40	38	43	81	19	0
	1430	"	1005.1	991.1	-	32.6	22.5	15.9	17.8	42	-	3.5	-	6.9	0	6	346	45	43	31	33	36	27	43	93	13	1
	1730	"	1004.9	990.9	+0.2	29.3	21.8	17.0	20.9	54	-1	3.8	-0.2	4.7	0	4	264	19	27	39	34	38	15	39	57	97	0
	2030	"	1007.2	992.9	-	24.8	20.5	17.6	21.5	68	-	2.4	-	3.2	0	2	182	13	26	19	24	32	22	16	32	181	0
	2330	"	1007.7	993.3	-	23.2	19.9	17.9	21.8	74	-	2.5	-	3.6	0	1	186	7	17	16	33	47	23	19	25	178	0

* Data not available. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
GANGETIC WEST BENGAL (Contd.)																											
Shanti Niketan	0830	59	1009.2	1002.5	-	25.5	21.5	19.3	23.4	70	-	3.4	-	4.4	0	0	277	34	26	14	25	54	47	40	37	88	0
	1130	"	1008.4	1001.8	-	30.2	22.4	18.1	21.6	52	-	3.1	-	3.9	0	0	280	55	22	19	27	53	31	37	36	85	0
	1730	"	1005.3	999.5	-	28.9	22.2	18.5	22.0	58	-	3.6	-	4.1	0	0	266	36	28	22	28	54	17	42	39	99	0
Krishnanagar	0830	15	1009.0	1007.3	-0.2	26.5	22.7	20.7	25.2	71	-5	2.4	-1.3	(a) 1.5	0	0	125	1	5	9	22	68	8	8	4	239	0
	1730	"	1006.5	1004.9	+1.0	28.9	23.3	20.1	24.5	62	-3	2.6	-1.1	(b) 0.8	0	0	81	2	2	1	4	71	0	1	0	282	0
Purulia	0830	255	1009.4	980.7	+0.1	25.4	20.3	17.3	20.6	62	-1	3.4	+0.2	4.7	0	3	338	44	28	13	32	49	38	59	78	24	0
	1730	"	1005.1	977.0	+0.1	29.6	21.9	17.5	20.6	52	-1	4.2	+0.2	4.1	0	0	274	20	48	13	75	12	29	15	62	91	0
Bankura	0830	100	1008.7	997.4	-	25.6	21.9	19.8	24.4	72	-	2.3	-	(b) 1.7	0	0	212	9	22	8	10	23	40	40	20	151	40
	1730	"	1004.8	993.7	-	30.2	24.1	20.6	25.6	62	-	2.5	-	(b) 1.4	0	0	106	1	11	1	7	11	17	6	0	257	52
Burdwan	# 0830	32																									
	# 1730	"																									
Barrackpore (A)	# 0530	7																									
	# 0830	"																									
	# 1130	"																									
	# 1730	"																									
	# 2330	"																									
Calcutta (Dum Dum)	0230	6	1006.4	1005.7	-	22.9	21.8	21.2	26.1	90	-	2.8	-	3.9	0	5	210	12	14	20	34	75	38	12	10	150	0
	0530	"	1006.9	1006.2	-	22.4	21.4	20.9	25.6	91	-	4.1	-	3.6	0	7	210	17	21	24	41	53	40	4	17	148	0
	0830	"	1008.8	1008.1	-0.3	26.1	23.0	21.4	26.3	75	-1	4.0	0	6.1	0	4	323	32	37	29	46	57	66	22	38	38	0
	1130	"	1007.8	1007.1	-	29.9	23.8	20.7	25.1	59	-	4.0	-	8.2	0	7	347	38	39	25	47	55	60	25	65	11	0
	1430	"	1005.4	1004.7	-	30.9	24.0	20.3	24.7	56	-	4.2	-	8.0	0	17	325	38	17	21	52	67	40	24	83	23	0
	1730	"	1005.2	1004.5	-0.4	27.8	23.7	21.7	25.9	67	0	3.9	0	5.7	0	13	218	14	6	20	48	85	38	8	12	134	0
	2030	"	1006.4	1005.7	-	25.0	22.9	21.8	26.8	83	-	2.5	-	5.5	0	10	222	6	12	15	56	93	40	5	5	133	0
	2330	"	1007.4	1006.7	-	23.7	22.3	21.6	26.6	89	-	2.9	-	4.3	1	8	207	6	13	18	49	87	36	3	4	149	0
Calcutta	0830	6	1008.9	1008.2	-0.1	26.9	23.3	21.6	26.5	73	-5	3.7	-0.1	5.6	0	4	315	28	33	26	21	77	61	29	44	46	0
	1130	"	1007.9	1007.2	-	30.5	24.0	20.7	25.2	57	-	3.7	-	7.9	0	11	337	47	34	27	25	77	48	39	51	17	0
	1730	"	1005.3	1004.6	-0.2	28.6	23.5	21.1	25.7	65	-2	3.7	-0.2	4.1	0	11	289	26	16	12	42	115	34	10	45	65	0
Midnapore	0830	45	1009.0	1003.8	0	26.0	22.0	19.9	24.1	70	-1	2.4	-1.0	2.4	0	1	231	41	47	13	10	52	50	13	4	133	2
	1730	"	1005.2	1000.1	0	29.6	23.0	19.5	23.3	57	-3	3.1	-0.7	2.3	0	2	226	23	41	3	18	80	52	5	4	137	2
Contai	0830	11	1009.0	1007.7	+0.1	26.6	23.4	21.8	26.8	75	-1	2.6	-0.7	(a) 7.6	0	32	302	124	3	8	17	75	71	30	6	30	0
	1730	"	1005.6	1004.4	0	27.4	24.0	22.4	27.6	74	-1	2.4	-0.9	(a) 8.7	0	52	218	12	1	10	25	179	38	5	0	94	0
Sagar Island	0830	3	1008.5	1008.1	-0.2	26.5	24.2	23.2	28.8	82	+5	4.2	+0.1	16.9	1	120	233	61	35	12	25	86	72	19	44	11	0
	1730	"	1005.4	1005.1	-0.2	27.3	24.4	23.1	28.7	78	+2	4.0	-0.1	18.4	1	136	222	41	15	16	85	123	43	2	34	6	0
Sandheads	0530	10	1006.5	1005.4	-	26.4	24.0	22.9	28.5	81	-	4.0	-	(1) 18.7	3	140	194	39	42	6	14	31	166	18	21	16	0
	0830	"	1008.7	1007.6	-0.3	27.8	24.7	23.3	28.7	77	+1	3.8	+0.1	(1) 18.0	3	115	222	54	44	12	15	27	147	22	18	13	1
	1130	"	1008.1	1007.0	-	28.6	24.9	23.2	28.9	73	-	3.7	-	(1) 17.1	1	120	209	51	45	11	19	34	135	18	17	23	0
	1730	"	1005.8	1004.5	-0.4	27.6	24.6	23.2	29.0	77	0	3.8	+0.3	(1) 18.0	3	127	192	37	39	14	20	47	145	8	12	31	0
	2330	"	1007.2	1006.1	-	26.8	24.3	23.1	28.9	81	-	1.0	-	(1) 17.7	2	134	176	29	29	12	18	49	146	15	14	41	0
ORISSA																											
Baripada	0830	54	1009.8	1003.6	+0.1	25.8	21.9	19.7	24.0	71	0	2.7	-0.8	3.5	0	0	285	85	60	4	18	39	36	6	27	80	10
	1730	"	1006.3	1000.2	+0.4	28.5	23.0	19.9	24.3	63	0	3.5	-0.2	2.7	.0	1	187	14	11	5	51	39	26	9	6	177	7
Jharsuguda	0230	230	1006.7	980.6	-	22.9	19.4	17.2	20.5	73	-	3.3	-	3.8	0	0	180	16	51	16	28	25	18	17	9	185	0
	0530	"	1007.3	981.1	-	21.6	18.9	17.3	20.5	77	-	3.9	-	4.1	0	1	192	28	63	17	22	15	19	18	11	172	0

(1) Data for 353 days. (a) Data for 364 days. (b) Data for 363 days. (A) Aerodrome. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1966

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	Wind speed (km.p.h.): Mean wind speed km. per hour	62 or more	20 to 61	1 to 19	No. of observations Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
ORISSA (Contd.)																											
Jharsuguda (Contd.)	0830	230	1009.0	983.1	+0.1	25.5	20.3	17.2	20.4	62	-3	3.6	+0.1	7.5	0	8	269	26	90	28	16	22	32	45	18	88	0
	1130	"	1007.8	982.3	-	30.5	21.6	16.3	19.3	45	-	3.6	-	9.0	0	24	283	15	62	33	19	31	45	72	30	58	0
	1430	"	1004.7	979.5	-	32.5	21.8	15.3	18.2	39	-	4.0	-	9.8	0	28	294	16	46	16	12	29	51	96	56	43	0
	1730	"	1004.4	979.1	0	30.4	21.4	16.0	18.6	46	0-5	4.4	+0.4	7.6	0	14	268	11	40	17	18	47	37	84	28	83	0
	2030	"	1006.8	981.0	-	26.4	20.5	16.9	18.9	59	-	3.7	-	5.3	0	7	215	4	23	26	35	57	33	30	14	143	0
	2330	"	1007.4	981.5	-	24.4	20.0	17.6	20.5	67	-	3.5	-	4.5	0	4	187	11	31	24	42	27	18	21	17	174	0
Kaonjhargarh	0830	463	1008.4	957.2	-0.9	24.8	20.3	17.6	20.6	66	0	2.7	-0.6	1.3	0	0	213	50	10	15	14	20	14	73	17	152	0
	1730	"	1004.5	954.0	-0.8	28.5	21.1	16.6	19.7	53	-4	3.4	-0.9	1.6	0	0	289	26	37	25	11	27	39	96	28	76	0
Balasore	# 0830	20																									
	# 1730	"																									
Sambalpur	0830	148	1008.8	992.2	-0.1	26.7	21.8	19.1	22.8	65	-5	2.5	-1.0	(a) 1.4	0	0	142	10	15	15	7	16	55	21	3	222	0
	1730	"	1004.8	989.1	+0.6	29.4	22.6	18.9	22.5	59	+6	3.2	-0.8	1.0	0	0	97	16	4	5	8	9	39	14	2	268	0
Angul	0830	139	1009.1	993.4	-0.1	26.3	22.3	20.2	24.4	71	-2	4.4	+0.5	3.1	0	0	303	50	14	51	13	21	5	105	44	62	0
	1730	"	1005.2	989.8	+0.2	30.3	23.6	19.8	23.8	57	+5	5.0	+0.5	3.3	0	0	290	34	16	68	34	51	19	54	14	75	0
Chandbali	0830	6	1009.4	1008.6	+0.2	26.2	23.5	22.0	27.3	78	0	3.9	+0.3	5.1	0	5	316	46	9	14	19	36	103	23	71	44	0
	1730	"	1005.9	1005.2	+0.1	28.2	23.9	21.6	26.8	69	-1	3.8	+0.2	4.8	0	21	296	13	41	57	115	37	38	7	9	48	0
Bolangir	0830	190	1008.9	987.5	-0.1	26.4	22.6	20.5	25.0	71	+2	4.0	+0.1	4.3	0	0	338	61	27	23	21	141	41	14	10	27	0
	1730	"	1004.8	983.8	-0.6	30.9	23.8	20.2	24.3	57	0	4.5	+0.1	4.5	0	2	226	73	51	41	13	72	25	31	22	37	0
Phulbani	0830	464	1007.3	955.7	-	23.7	19.9	17.8	21.0	72	-	2.3	-	0.5	0	0	57	3	2	4	2	3	13	29	1	308	0
	1730	"	1003.0	952.4	-	28.3	21.4	17.8	20.7	57	-	3.3	-	0.4	0	0	46	5	1	0	9	3	11	16	1	319	0
Cuttack	0830	27	1009.4	1006.3	+0.2	26.1	23.4	22.1	27.0	78	+1	3.5	-0.2	4.2	0	4	238	9	30	10	5	27	76	46	39	123	0
	1730	"	1005.8	1002.8	+0.3	30.4	24.6	21.8	26.5	62	+1	3.6	-0.6	5.3	0	12	234	2	15	12	39	67	76	19	16	119	0
Titilagarh	0830	211	1008.9	985.2	0	26.3	22.0	19.6	23.4	69	+2	2.5	-0.6	1.8	0	0	326	1	86	0	98	1	124	1	15	39	0
	1730	"	1005.9	982.6	+1.2	31.0	23.7	19.9	23.6	56	+5	2.8	-0.5	1.8	0	0	334	6	158	1	43	3	74	3	46	31	0
Bhubaneswar	0230	46	1006.9	1001.7	-	23.9	22.6	21.9	27.0	89	-	2.9	-	7.7	0	34	243	29	21	7	9	73	107	18	13	88	0
	0530	"	1007.3	1002.1	-	23.2	22.1	21.5	26.4	91	-	3.9	-	7.0	0	27	257	41	24	11	4	51	92	26	35	81	0
	0830	"	1009.2	1003.9	+0.2	26.5	23.4	21.7	26.5	74	0	3.9	-0.1	10.0	0	44	289	40	52	19	8	35	114	27	38	32	0
	1130	"	1008.2	1003.2	-	30.7	23.8	20.3	23.8	56	-	3.8	-	11.3	0	62	283	21	68	32	14	59	103	22	26	20	0
	1430	"	1005.7	1000.6	-	31.7	23.5	19.1	23.1	51	-	4.1	-	13.3	0	80	277	20	53	41	25	88	78	21	31	8	0
	1730	"	1005.8	1000.7	+0.2	28.5	23.6	21.1	25.6	65	0	4.3	0	12.3	0	73	276	23	18	46	34	126	69	11	22	16	0
	2030	"	1007.9	1002.7	-	25.9	23.4	22.2	27.1	80	-	2.9	-	10.2	0	47	294	10	24	30	30	116	100	14	17	24	0
	2330	"	1008.0	1002.8	-	24.7	23.1	22.2	27.4	86	-	2.9	-	9.5	0	41	273	8	24	18	19	83	119	23	20	51	0
Puri	0830	6	1009.2	1008.5	0	27.4	24.4	23.0	28.6	77	0	4.0	+0.2	9.5	0	33	302	72	38	5	7	30	152	7	14	30	0
	1730	"	1006.1	1005.4	+0.1	27.9	24.8	23.3	29.1	77	0	4.1	-0.1	(a) 12.2	0	47	306	8	25	31	46	114	116	8	5	11	0
Gopalpur	0530	17	1007.3	1005.4	-	23.7	22.5	21.9	26.8	89	-	4.1	-	9.0	0	49	229	60	5	0	4	22	92	15	80	87	0
	0830	"	1009.3	1007.3	+0.1	25.9	23.5	22.2	27.3	80	+3	3.9	+0.2	11.9	0	58	269	97	9	3	6	44	93	11	64	38	0
	1130	"	1008.8	1006.9	-	28.3	24.7	23.0	27.9	69	-	3.7	-	8.8	0	92	269	44	28	32	42	97	97	7	14	4	0
	1730	"	1006.1	1004.2	+0.2	27.6	24.5	22.9	28.6	76	-2	4.7	+0.4	16.2	0	124	235	12	26	47	46	86	129	6	7	6	0
	2330	"	1008.3	1006.3	-	25.4	23.6	22.9	28.2	85	-	3.9	-	11.9	0	79	217	34	11	6	4	45	146	14	36	69	0
Koraput	0830	913	1497.6	909.9	+0.1	20.3	17.8	16.3	18.9	79	+5	5.4	+2.0	(e) 7.2	0	2	358	7	22	13	139	46	124	2	7	0	0
	1730	"	1485.4	907.4	+0.2	25.6	19.4	15.8	18.2	59	0	5.0	+0.6	(f) 8.6	0(f)	0	333	9(f)	16	8	39	36	170	48	7	0	0
BIHAR PLATEAU																											
Dunka	0830	149	1009.1	992.2	+0.2	25.6	21.0	18.4	21.9	66	-2	2.5	-0.2	2.6	0	0	226	4	21	39	48	32	33	30	19	139	0
	1730	"	1005.1	988.5	+0.1	28.8	22.0	18.2	21.4	56	-2	2.3	-0.7	7.6	0	0	172	2	21	22	31	22	24	19	11	193	0

(e) Data for 360 days. (f) Data for 333 days. (a) Data for 364 days. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1966

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 mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Departure from normal	Wind speed (km.p.h.): Mean wind speed km. per hour	65 or more	20 to 61	1 to 19	No. of observations: Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
BIHAR PLATEAU (Contd.)																											
Daltonganj	0830	221	1008.6	983.7	-0.2	25.9	19.9	16.0	19.4	57	-9	2.2	-0.9	2.1	0	0	270	11	45	14	29	21	53	55	42	95	0
	1730	"	1004.5	980.1	0	30.4	21.0	15.1	17.9	43	-8	3.1	-0.7	3.3	0	0	310	24	73	4	23	2	47	23	113	55	1
Hazaribagh	0830	611	1008.5	941.0	0	24.1	17.9	14.0	16.8	57	-4	3.2	-0.4	7.9	0	16	287	26	15	16	20	39	65	23	99	62	0
	1730	"	1004.6	938.0	0	27.0	18.4	12.9	15.6	46	-9	3.9	-0.1	8.9	0	21	312	70	26	17	31	15	11	13	150	32	0
Dhanbad	0830	257	1008.4	979.5	-0.4	26.0	20.4	17.0	20.2	60	-3	1.9	-1.3	2.7	0	0	222	6	35	8	35	7	15	82	16	143	14
	1730	"	1004.4	975.9	-	29.3	20.8	15.5	18.5	47	-	1.9	-	5.8	0	0	134	9	12	23	9	8	5	44	12	231	12
Ranchi	0830	655	1008.3	935.7	-0.4	21.9	17.0	13.8	16.4	60	-3	2.7	-0.5	1.4	0	0	263	63	24	11	13	10	14	26	102	102	0
	1730	"	1004.9	933.5	+0.2	25.8	19.4	15.7	18.3	55	-1	3.5	-0.3	1.1	0	0	210	61	23	12	11	5	10	20	67	155	1
Ranchi (A)	0530	652	1007.5	934.8	-	20.1	16.9	14.9	17.0	71	-	2.9	-	4.5	0	8	131	11	9	10	11	18	30	19	31	226	0
	0830	"	1008.2	936.4	-0.1	23.8	18.2	14.8	17.6	59	-2	3.0	-0.6	9.6	0	48	201	30	21	14	13	19	56	45	51	116	0
	1130	"	1006.8	936.0	-	27.4	19.0	13.8	16.3	46	-	3.2	-	13.1	0	74	226	49	33	23	13	17	36	53	75	65	1
	1430	"	1004.0	933.6	-	29.0	20.0	14.8	15.7	42	-	3.8	-	16.4	0	124	199	46	37	26	15	19	23	59	98	42	0
	1730	"	1004.1	933.3	-0.3	27.3	18.9	13.7	16.4	47	-6	3.8	-0.4	5.6	0	42	247	36	29	24	22	27	21	39	91	76	0
	2030	"	1006.6	935.0	-	24.0	18.1	14.4	17.1	58	-	3.0	-	6.6	0	14	170	18	18	13	14	21	20	23	57	181	0
Jamshedpur	0830	129	1008.4	993.7	-0.7	24.8	20.6	18.2	21.7	68	-2	2.9	-0.5	2.4	0	0	246	6	5	27	15	5	28	106	54	119	0
	1730	"	1004.5	990.4	0	30.0	22.1	17.6	20.8	52	-1	3.5	-0.3	3.1	0	6	205	13	18	53	36	16	13	37	25	154	0
Jamshedpur (P.B.O.)	0530	142	1007.3	991.1	-	21.5	19.4	18.2	21.8	82	-	3.2	-	2.0	0	0	122	2	15	21	6	12	19	14	33	243	0
	0830	"	1009.1	993.0	+0.3	25.2	20.9	18.3	21.7	67	-1	3.0	-0.5	4.3	0	2	267	4	17	16	14	19	75	62	62	96	0
	1130	"	1007.8	992.0	-	30.0	22.1	17.6	21.0	50	-	3.0	-	5.9	0	3	307	19	26	20	14	34	57	67	73	55	0
	1430	"	1004.7	989.1	-	31.9	22.3	16.7	19.9	44	-	3.5	-	6.5	0	6	319	23	28	38	16	30	50	36	104	40	0
	1730	"	1003.8	988.9	+0.1	29.5	22.0	17.7	20.9	53	+1	4.0	-0.3	4.2	0	4	208	13	30	51	20	14	25	15	44	153	0
	2030	"	1005.1	990.8	-	26.1	21.4	18.8	22.2	68	-	3.1	-	3.9	0	4	178	7	42	56	17	11	15	13	21	183	0
	2330	"	1007.5	991.4	-	23.8	20.6	18.9	22.5	75	-	2.8	-	2.6	0	2	157	3	30	40	16	9	23	15	21	206	0
Chaibasa	0830	226	1009.0	983.4	+0.1	25.3	20.6	17.9	21.5	65	-6	3.5	-0.5	2.1	0	0	210	5	32	0	15	1	143	4	10	135	0
	1730	"	1004.4	979.3	-0.2	29.4	21.5	16.7	19.7	50	-6	4.1	-0.5	1.6	0	0	165	0	40	0	28	0	63	4	30	200	0
BIHAR PLAINS																											
Motihari	0830	66	1008.9	1001.3	+0.2	23.9	20.9	19.2	23.5	76	+2	2.5	-0.4	(b) 4.1	0	0	307	5	82	96	26	8	14	36	39	56	1
	1730	"	1005.3	997.9	+0.4	27.7	23.2	20.9	25.5	68	+4	1.7	-0.7	(f) 2.8	0	3	197	29	31	43	13	4	10	36	31	159	3
Forbesganj	0830	61	1009.1	1002.1	+0.1	23.8	20.7	18.9	22.6	75	-2	3.2	-0.3	3.2	0	0	290	0	23	194	21	0	0	47	5	75	0
	1730	"	1005.0	998.2	0	28.1	22.2	18.9	22.6	61	-1	2.5	-0.5	2.0	0	0	209	2	4	87	16	1	0	93	6	136	0
Darbhanga	0830	49	1009.9	1004.3	+0.9	27.2	22.5	20.1	24.3	66	-9	2.3	-0.8	4.3	0	7	220	7	35	85	28	7	11	38	16	138	0
	1730	"	1006.0	1000.5	+0.9	29.3	24.0	21.4	25.6	64	+3	1.6	-1.0	4.3	0	1	143	6	32	41	9	2	5	40	11	219	0
Chapra	0830	58	1008.4	1001.8	-	25.1	20.2	17.2	20.8	60	-	2.2	-	3.0	0	2	328	4	85	12	52	4	106	18	49	35	0
	1730	"	1005.1	998.6	-	29.9	22.2	17.6	21.3	52	-	2.1	-	5.4	0	0	297	6	84	7	27	2	92	24	55	68	0
Purnea	0830	38	1009.1	1004.8	-0.1	24.4	21.0	19.1	23.2	74	-2	2.9	-0.4	2.3	0	0	241	3	16	148	2	2	15	55	0	124	0
	1730	"	1005.1	1000.8	-0.2	28.0	22.6	19.7	23.9	64	-1	2.7	-0.1	1.4	0	0	187	5	13	76	5	1	13	71	3	178	0
Patna	0830	53	1008.7	1002.6	-0.1	24.6	20.0	17.2	20.8	66	0	2.8	-0.1	6.4	0	2	348	7	102	30	27	24	66	73	19	15	0
	1730	"	1004.9	999.0	-0.1	29.8	21.6	16.8	20.0	49	-4	2.5	-0.5	5.8	0	1	323	21	93	23	3	10	24	126	24	41	0
Patna (A)	0530	60	1006.7	999.8	-	20.8	18.4	16.9	20.5	78	-	2.8	-	4.0	0	1	217	6	28	65	15	12	38	46	8	147	0
	0830	"	1008.5	1001.7	+0.2	25.1	20.1	17.1	20.6	63	-5	3.1	+0.1	8.1	0	17	312	6	22	80	32	14	58	84	26	36	7
	1130	"	1007.9	1001.2	-	30.2	21.6	16.5	19.5	46	-	3.1	-	10.1	0	33	322	18	44	64	21	9	39	85	56	10	19
	1430	"	1005.1	998.5	-	31.9	21.8	15.7	18.5	41	-	3.2	-	9.9	0	46	312	22	46	57	14	2	28	90	89	7	10
	1730	"	1004.6	998.0	+0.2	29.7	21.4	16.5	19.5	49	-4	2.9	0	6.5	0	11	263	15	37	60	10	4	13	75	57	91	3
	2030	"	1006.6	999.8	-	25.3	20.3	17.3	20.6	64	-	2.2	-	4.0	0	9	178	7	30	65	12	11	11	38	13	178	0
	2330	"	1007.1	1000.2	-	23.4	19.6	17.3	20.8	71	-	2.3	-	4.8	0	4	203	7	17	79	23	5	23	38	15	158	0

(A) Aerodrome. (b) Data for 363 days. (f) Data for 359 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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.): 63 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 PLAINS (Contd.)																											
Bhagalpur	0530	49	1007.3	1001.6	-	21.9	19.3	17.7	21.5	79	-	3.7	-	3.5	0	4	293	5	21	61	74	54	61	18	3	68	0
	0830	"	1009.1	1003.5	-0	25.5	21.1	18.6	22.4	67	-3	3.5	+0.2	4.7	0	7	318	8	27	58	85	31	58	45	13	40	0
	1130	"	1008.3	1002.0	-	29.6	22.2	18.1	21.6	53	-	3.7	-	4.8	0	21	333	16	44	62	50	13	44	60	65	11	0
	1730	"	1005.2	999.7	-0.1	28.4	21.9	18.4	21.8	57	-4	3.7	+0.6	5.2	0	7	329	20	29	61	57	7	39	71	52	29	0
	2330	"	1007.6	1002.0	-	24.1	20.5	18.4	22.1	72	-	2.7	-	4.4	0	4	294	4	11	62	76	38	69	27	11	67	0
Sabaur	0830	37	1009.0	1004.8	+0.1	24.7	21.5	19.7	24.3	75	+1	3.3	-0.2	5.4	0	8	323	16	18	76	50	24	68	50	29	34	0
	1730	"	1005.0	1000.8	-0.1	28.0	23.8	21.8	26.0	67	+2	3.4	0	5.5	0	10	253	29	15	61	30	7	9	37	75	102	0
Jamui	0830	-	-	-	-	26.4	21.3	18.3	22.2	64	-5	1.8	-1.2	0	0	4##	298	12##	20	81	39	20	3	62	65	17	0
	1730	-	-	-	-	29.9	22.7	18.8	22.5	55	-4	1.8	-1.2	-	0	2###	306	7###	23	54	19	15	3	96	91	12	0
Dehri	0830	107	1008.2	996.1	-0.1	26.2	20.2	16.5	19.9	59	-5	2.8	0	3.4	0	0	354	14	18	33	54	73	75	52	35	11	0
	1730	"	1004.3	992.4	0	30.5	21.5	16.4	18.7	43	-6	2.9	-0.1	4.1	0	0	357	34	72	33	12	4	12	157	33	8	0
Gaya	0230	116	1006.9	993.6	-	21.8	18.3	16.0	19.4	71	-	2.0	-	5.1	0	13	287	5	32	45	67	73	56	14	8	65	0
	0530	"	1007.2	993.8	-	20.7	17.7	15.6	19.1	75	-	2.5	-	5.3	0	10	299	6	19	50	81	73	55	20	5	56	0
	0830	"	1008.8	995.7	+0.2	25.8	20.1	16.7	20.0	60	-2	2.8	+0.2	8.4	0	28	308	7	17	41	32	79	105	44	11	29	0
	1130	"	1008.3	995.3	-	31.3	21.8	16.1	19.2	43	-	2.9	-	11.9	0	64	294	28	45	44	16	5	36	109	74	7	1
	1430	"	1005.5	992.6	-	32.5	21.9	15.5	18.3	39	+	3.0	-	14.5	0	96	261	49	39	36	4	2	15	105	106	8	1
	1730	"	1004.9	991.9	+0.1	30.6	21.4	15.8	18.7	44	-3	3.0	-0.2	10.5	0	45	305	49	45	33	13	6	12	68	124	15	0
	2030	"	1006.5	993.7	-	26.0	20.1	16.3	19.7	58	-	2.3	-	4.5	0	10	294	26	51	40	21	26	53	53	34	61	0
	2330	"	1007.6	994.3	-	23.5	19.0	16.1	19.5	66	-	2.2	-	5.5	0	6	295	7	31	45	58	61	67	23	9	64	0
UTTAR PRADESH, EAST																											
Khari	# 0830	147																									
	# 1730	"																									
Bahraich	0830	124	1007.8	994.3	+0.1	23.2	19.3	16.5	20.2	68	-2	2.7	0	6.9	0	11	259	2	9	37	94	0	23	39	66	95	0
	1730	"	1004.5	990.8	-0.2	29.7	21.8	16.7	20.2	50	-2	3.0	+0.2	5.1	0	14	193	7	8	8	41	0	37	59	47	158	0
Nautanwa	0830	99	1007.8	996.4	-1.1	23.3	19.6	10.4	20.8	72	-3	2.1	-0.3	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1004.1	993.0	-1.1	28.9	21.4	16.3	20.0	53	-5	1.9	-0.2	#	#	-	-	#	-	-	-	-	-	-	-	-	-
Hardoi	0830	142	1008.5	992.2	+0.2	24.1	18.7	14.7	18.2	60	-11	1.5	-0.9	3.6	0	0	331	35	6	63	15	17	13	156	26	34	0
	1730	"	1004.8	989.0	+0.2	29.6	20.7	14.3	17.9	46	-5	1.5	-0.8	3.1	0	0	295	29	5	41	11	8	11	160	30	70	0
Gonda	0830	110	1008.7	996.3	0	24.8	19.7	16.1	19.7	62	-9	2.1	-0.5	3.2	0	0	278	14	1	27	0	0	0	45	91	87	0
	1730	"	1004.7	992.4	-0.4	29.6	21.5	16.2	19.6	50	-5	1.8	-0.7	2.0	0	0	174	2	1	45	0	0	0	52	74	191	0
Lucknow	0830	111	1007.8	995.1	-0.8	23.6	19.0	15.9	19.4	65	-3	2.0	-0.5	1.2	0	1	130	0(g)	4	30	0	1	1	87	6	227	2
	1730	"	1004.7	992.3	-0.3	30.5	22.0	16.5	19.9	47	-5	2.3	-0.1	1.5	0(h)	0	151	1(h)	0	25	0	0	3	115	6	206	1
Lucknow (Amausi)	0230	128	1006.4	991.7	-	20.4	16.6	13.4	17.1	69	-	1.9	-	4.7	0	5	270	31	30	38	13	8	30	74	51	90	0
	0530	"	1006.6	991.8	-	19.1	16.0	13.4	17.0	73	-	2.2	-	5.1	0	5	273	19	27	39	14	11	32	84	52	87	0
	0830	"	1008.2	993.8	0	23.6	18.1	13.8	17.2	59	-8	2.5	-0.2	8.9	0	27	304	31	17	55	36	14	23	89	68	34	0
	1130	"	1008.0	993.7	-	29.9	19.9	11.8	15.6	39	-	2.5	-	12.1	0	59	280	30	15	41	38	18	18	76	98	26	5
	1430	"	1005.4	991.2	-	31.7	20.1	10.5	14.4	34	-	2.7	-	13.3	0	88	264	37	18	32	28	13	19	78	127	13	0
	1730	"	1004.6	990.2	-0.2	29.9	19.9	12.0	15.7	41	-10	2.6	-0.3	6.7	0	38	271	26	19	31	16	11	13	81	112	56	0
	2030	"	1006.4	991.9	-	24.2	18.3	13.6	17.2	58	-	2.0	-	4.4	0	9	267	22	24	30	18	10	29	93	50	89	0
	2330	"	1007.0	992.4	-	21.9	17.2	13.6	17.2	65	-	1.7	-	4.7	0	10	264	14	28	37	17	12	27	83	56	91	0
Faizabad	0830	102	1008.1	996.3	-0.6	23.8	19.2	16.2	19.9	66	-6	2.6	-0.5	3.6	0	2	258	7	18	40	50	6	23	99	16	105	1
	1730	"	1004.7	993.3	-0.2	28.9	21.4	16.4	20.0	53	-5	2.7	-0.2	2.8	0	0	184	1	14	22	22	3	21	89	12	181	0
Gorakhpur	0830	77	1008.6	999.9	+0.4	25.2	19.8	16.5	20.2	63	-7	2.3	-0.4	2.3	0	0	276	16	4	116	4	17	7	105	7	89	0
	1730	"	1004.9	996.2	+0.1	30.4	21.7	16.5	20.0	47	-7	2.2	-0.4	1.9	0	0	256	19	4	55	4	14	15	131	14	109	0
Gorakhpur (P.P.O.)	0230	78	#	-	-	#	-	-	-	#	-	2.2	-	4.0	0	3	208	17	30	37	20	12	32	39	24	154	0
	0530	"	#	-	-	#	-	-	-	#	-	#	-	4.0	0	1	252	29	40	53	19	12	30	51	19	112	0

Data not available for complete year, hence no annual means. (g) Data for 358 days. (h) Data for 357 days. ## Data for 319 days. ### Data for 320 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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	At station level	Departure from normal	Mean Temperature °C: Dry Bulb	Wet Bulb	Dew Point	Vapour pressure in mb.	Relative Humidity %	Departure from normal	Cloud Amt. (Oktas): Mean Amount	Departure from normal	Mean wind speed km. per hour	Wind speed (km.p.h.): 63 or more	20 to 61	1 to 19	No. of observations: Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
UTTAR PRADESH, EAST (Contd.)																											
Gorakhpur (P.B.O.) (Contd.)	1130	78	#	-	-	#	-	-	-	#	-	2.9	-	7.5	0	11	343	22	18	54	49	55	53	64	39	11	0
	1430	"	#	-	-	#	-	-	-	#	-	3.0	-	8.2	0	15	331	25	11	39	46	46	49	82	48	19	0
	2030	"	#	-	-	#	-	-	-	#	-	1.8	-	3.9	0	1	252	28	33	35	25	21	55	44	12	112	0
	2330	"	#	-	-	#	-	-	-	#	-	2.0	-	4.2	0	3	230	15	41	33	23	21	40	38	22	132	0
Kanpur	0830	126	1008.4	993.9	+0.3	22.7	18.2	15.0	18.6	65	0	2.0	-0.3	6.8	0	2	289	32	4	71	11	9	13	24	27	74	0
	1730	"	1005.0	991.0	-0.1	31.3	21.6	15.0	18.4	42	-4	2.3	-0.2	8.2	0	12	309	43	12	41	10	6	6	148	55	44	0
Kanpur (A)	0530	126	1006.9	992.4	-	20.1	16.4	13.1	16.8	69	-	2.2	-	5.5	0	3	245	26	17	26	17	8	20	97	36	117	1
	0830	"	1008.5	994.3	-	24.2	18.3	13.6	17.3	57	-	2.4	-	9.7	0	15	309	42	17	26	44	12	31	107	38	41	7
	1130	"	1008.2	994.1	-	30.6	20.4	12.4	16.2	39	-	2.4	-	13.2	0	44	310	39	24	31	40	19	16	102	76	11	7
	1730	"	1004.8	990.8	-	30.6	20.3	11.8	15.7	39	-	2.6	-	10.6	0	23	318	56	22	36	19	6	5	86	110	24	1
	2330	"	1007.2	992.8	-	23.3	17.9	13.6	17.4	60	-	1.6	-	6.4	0	5	238	24	19	25	25	9	13	66	61	122	1
Sultanpur	0830	97	1008.6	997.9	-0.2	24.7	19.0	14.7	18.4	58	-7	2.1	-0.7	2.5	0	0	257	6	9	52	24	5	31	87	43	108	0
	1730	"	1004.7	993.9	-0.4	31.2	21.4	14.3	18.1	43	-8	2.3	-0.5	2.2	0	0	242	6	11	43	7	3	23	85	64	123	0
Azamgarh	0830	78	1008.7	999.8	+0.7	24.5	#	#	#	#	-	2.0	-0.3	3.8	0	0	300	24	8	83	3	11	10	59	2	65	0
	1730	"	1004.7	996.0	+0.2	30.1	#	#	#	#	-	2.1	+0.2	3.4	0	0	224	44	22	16	0	4	16	106	16	141	0
Fatehpur	0830	114	1008.8	995.8	+0.3	29.9	18.9	14.3	17.9	56	-8	2.0	-0.5	5.9	0	8	314	20	27	38	30	8	60	81	58	43	0
	1730	"	1004.8	992.1	+0.1	30.9	21.0	13.8	17.4	42	-8	2.4	-0.2	6.5	0	19	258	26	30	21	11	6	17	37	129	88	0
Ballia	0830	64	1009.1	1001.8	+0.4	25.1	21.2	18.0	22.0	69	-1	#	-	#	0	0	190	0	8	70	10	0	5	93	4	175	0
	1730	"	1005.2	998.2	-0.1	30.4	22.4	17.9	21.8	53	0	2.6	0	#	0	0	90	1	3	39	3	1	0	37	6	275	0
Banda	0830	121	1009.4	995.2	+0.1	25.7	19.0	14.1	17.5	54	-10	1.9	-0.2	1.5	0	0	172	2	22	4	24	3	89	6	21	193	1
	1730	"	1005.3	991.8	+0.3	31.3	21.1	13.4	16.9	41	-11	1.8	-0.5	1.2	0	0	172	3	18	1	11	0	103	1	35	193	0
Allahabad (Bamrauli)	0230	98	1006.7	995.4	-	22.1	18.0	14.4	18.2	68	-	2.1	-	1.3	0	1	138	8	22	14	5	17	32	26	15	226	0
	0530	"	1006.9	995.6	-	20.8	17.3	14.6	18.0	71	-	2.4	-	1.5	0	3	149	7	28	11	10	23	40	25	8	213	0
	0830	"	1008.7	997.6	+0.2	24.9	19.1	14.8	18.3	59	+5	2.6	-0.4	3.1	0	2	240	9	28	19	7	27	61	74	17	123	0
	1130	"	1008.3	997.4	-	31.4	21.5	14.6	17.9	43	-	2.6	-	4.8	0	5	330	26	36	26	11	16	60	109	51	30	0
	1430	"	1005.6	994.8	-	33.2	22.1	14.3	17.8	39	-	2.8	-	6.7	0	14	337	40	40	14	6	3	25	132	90	14	1
	1730	"	1004.8	993.9	-0.2	31.3	21.6	14.8	18.2	44	-2	2.9	-0.2	3.7	0	6	261	28	29	15	3	9	35	91	57	98	0
	2030	"	1006.6	995.5	-	26.2	20.0	15.7	19.1	58	-	2.0	-	1.5	0	1	125	10	21	11	3	14	19	33	15	239	0
	2330	"	1007.3	996.1	-	23.8	18.8	15.1	18.5	63	-	1.9	-	1.4	0	1	129	4	32	7	7	12	24	28	16	235	0
Varanasi (Babatpur)	0530	85	1007.7	997.8	-	20.5	17.5	15.2	18.7	75	-	2.6	-	4.0	0	6	199	6	16	35	7	15	58	60	7	160	1
	0830	"	1009.6	999.8	+0.5	25.0	19.7	15.9	19.4	62	+2	2.6	-0.2	9.0	0	11	313	8	18	52	14	23	94	94	14	41	7
	1130	"	1009.0	999.4	-	30.4	21.4	15.1	18.4	45	-	2.6		10.1	0	27	310	13	19	49	11	9	43	123	51	28	19
	1730	"	1005.7	996.0	+0.2	30.2	21.2	15.0	18.2	46	-4	2.6	-0.3	8.1	0	8	298	16	21	33	5	4	14	142	57	59	14
	2330	"	1008.0	998.2	-	23.1	18.7	15.5	18.9	67	-	2.0	-	4.3	0	4	165	7	14	42	1	9	12	76	5	196	3
Varanasi	0830	76	1008.2	999.6	-0.2	24.5	19.7	16.6	20.2	65	-2	2.3	-0.6	2.3	0	0	301	7	33	31	14	4	29	155	28	64	0
	1730	"	1004.3	995.9	-0.4	31.1	21.9	16.0	19.5	45	-3	2.4	-0.6	1.9	0	0	237	#	#	#	#	#	#	#	#	128	#
UTTAR PRADESH, WEST																											
Mukhim	0830	-	-	-	-	15.4	10.6	7.1	10.2	56	-6	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	16.1	10.9	7.0	9.9	54	-6	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehri	0830	-	-	-	-	17.4	14.1	11.6	14.8	73	-2	2.9	-0.2	0.8	0	0	103	36	31	8	3	5	2	6	12	262	0
	1130	-	-	-	-	24.3	16.5	10.2	12.9	46	-	2.9	-	#	0	1	204	29	48	24	15	30	14	24	16	160	5
	1730	-	-	-	-	26.1	17.0	9.8	13.4	41	-6	3.0	-0.3	3.2	0	5	244	6	9	17	62	72	41	24	18	116	0
Dehra Dun	0530	682	1007.9	931.2	-	17.4	14.4	12.2	15.3	74	-	2.8	-	1.0	0	1	105	36	40	1	8	4	4	6	7	259	0
	0830	"	1008.8	932.5	-0.2	19.6	15.9	13.2	16.3	69	+1	2.6	+0.5	1.0	0	1	150	62	12	9	10	9	13	30	6	214	0
	1130	"	1007.7	924.7	-	25.7	18.7	14.0	17.1	52	-	3.0	-	1.8	0	0	228	4	10	5	40	34	57	50	8	137	0
	1730	"	1004.5	930.1	-0.2	26.0	19.3	14.9	18.0	55	+1	3.1	-0.1	1.6	0	2	187	22	6	4	11	24	35	69	18	176	0
	2330	"	1008.1	931.9	-	19.8	16.1	13.3	16.4	67	-	2.1	-	1.3	0	0	158	70	61	1	7	3	2	10	4	207	0

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

(A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1966

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 %	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.)																											
Mansiari	0830	-	-	-	-	14.3	9.9	9.5	8.5	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	# 1730																										
Roorkee	0830	274	1009.3	978.1	+0.8	21.1	16.7	13.3	16.9	65	-4	2.3	-0.6	0.7	0	0	130	0	2	3	54	0	0	0	71	235	0
	1730	"	1005.8	975.4	+1.0	28.5	20.1	13.8	17.3	45	-2	2.3	-0.6	1.4	0	0	158	0	3	2	32	0	2	1	18	207	0
Najibabad	# 0830	270																									
	# 1730	"																									
Meerut	0830	222	1009.1	983.7	+0.2	22.5	17.8	14.3	18.0	63	-1	0.7	-0.9	3.9	0	0	282	7	19	53	21	4	12	105	61	83	0
Bareilly	0830	173	1008.5	988.7	+0.1	23.2	18.9	16.0	19.6	68	+1	2.2	-0.5	6.7	0	7	329	18	17	62	40	7	12	126	54	29	0
	1730	"	1004.6	985.4	0	29.2	21.3	15.9	19.4	50	+1	2.3	-0.5	4.1	0	3	301	22	10	45	14	3	15	178	17	61	0
Bareilly	0230	172	#	#	-	#	-	-	-	#	-	1.6	-	3.8	0	1	254	13	16	66	13	3	12	82	50	110	0
	0530	"	#	#	-	#	-	-	-	#	-	#	-	4.2	(a) 0	1	300	(a) 18	24	82	10	2	6	4	54	63	1
	1130	"	#	#	-	#	-	-	-	#	-	2.3	-	7.2	0	15	331	7	13	62	21	5	13	75	120	19	0
	1430	"	#	#	-	#	-	-	-	#	-	2.5	-	#	0	17	334	12	13	41	45	2	8	85	145	14	0
	2030	"	#	#	-	#	-	-	-	#		1.4	-	4.1	0	2	263	6	27	45	17	3	7	114	45	100	1
	2330	"	#	#	-	#	-	-	-	#	-	1.5	-	3.9	0	1	271	10	16	63	25	4	8	99	47	93	0
Aligarh	0830	187	1009.3	987.6	+0.4	22.4	17.3	13.4	16.9	61	0	2.3	0	6.1	0	5	338	39	12	53	21	15	33	116	54	22	0
	1730	"	1005.7	984.5	+0.4	29.8	20.2	12.9	16.1	41	-2	2.8	+0.2	4.1	0	2	325	84	11	36	4	16	9	126	41	38	0
Mainpuri	0830	157	1008.5	990.6	0	23.5	18.5	15.0	18.5	63	-2	2.2	-0.4	3.7	0	1	263	10	13	37	14	4	13	94	79	101	0
	1730	"	1005.1	987.6	+0.1	30.1	21.4	15.9	19.2	48	+1	2.4	-0.3	4.4	0	3	225	#	#	#	#	#	#	#	#	137	#
Agra	0830	169	1009.1	989.8	+0.2	23.6	18.5	15.1	18.5	61	+1	1.7	-0.6	1.4	0	0	125	0	18	1	24	1	43	0	38	240	0
	1730	"	1005.1	986.3	-0.1	31.3	19.5	15.6	18.8	41	0	2.5	0	2.5	0	1	127	0	23	4	10	2	26	0	63	237	0
Agra (A)	# 0230	169																									
	0530	"	1007.4	987.9	-	18.8	16.0	13.8	17.3	75	-	1.8	-	6.7	0	8	206	15	11	29	18	6	26	68	36	151	5
	0830	"	1009.0	989.7	-	23.6	18.1	14.9	18.3	64	-	2.3	-	9.8	0	31	261	26	7	27	33	12	28	96	63	73	0
	1130	"	1008.7	989.9	-	30.2	21.2	15.1	18.5	43	-	2.2	-	13.4	0	49	285	42	20	19	27	17	33	65	107	31	4
	1730	"	1005.5	986.7	-	29.3	20.9	15.4	18.6	48	-	2.5	-	11.6	0	31	293	63	23	19	20	6	17	50	25	41	1
	2330	"	1007.6	988.3	-	22.0	17.8	14.9	18.2	67	-	1.6	-	5.7	0	9	166	12	11	28	28	16	18	34	28	190	0
Orai	0830	141	1009.2	993.4	+0.1	27.7	20.7	16.0	19.5	52	-9	1.8	-0.4	3.0	0	0	354	37	110	11	8	2	15	15	150	11	6
	1730	"	1005.4	989.8	+0.1	30.9	21.8	15.8	19.0	45	-3	#	-	2.7	0	0	361	74	161	4	7	1	3	7	104	4	0
Jhansi	0830	251	1009.3	981.0	+0.4	24.0	17.1	11.3	14.9	49	-7	2.3	-0.1	1.7	0	0	212	25	4	22	2	13	11	127	8	153	0
	1730	"	1004.7	977.2	-0.1	31.8	20.1	10.8	14.3	33	-7	2.6	-0.3	2.1	0	0	260	64	1	40	0	30	3	116	6	105	0
Pathankot	# 0530	312																									
	# 0830	"																									
	# 1130	"																									
	# 1730	"																									
	# 2330	"																									
Amritsar (Rajasansi)	0530	234	1007.8	980.5	-	16.7	14.7	13.1	16.9	81	-	2.6	-	4.8	1	12	190	24	30	53	25	5	4	30	32	162	0
	0830	"	1009.0	982.0	+0.2	19.5	16.0	13.5	17.1	72	+1	3.0	+0.6	5.4	0	16	203	30	28	58	27	11	16	13	34	146	0
	1130	"	1008.9	982.6	-	26.9	18.8	12.6	16.0	45	-	2.8	-	7.7	0	29	256	22	23	56	36	20	19	39	70	80	0
	1430	"	1006.8	980.8	-	29.4	19.3	10.9	14.7	38	-	2.9	-	9.4	0	30	283	19	22	36	39	15	22	65	94	52	1
	1730	"	1005.7	979.6	+0.2	27.9	19.0	12.1	15.5	42	-2	2.6	+0.2	6.7	0	17	247	8	10	34	24	14	18	69	87	101	0
	2030	"	1007.2	980.5	-	22.0	17.5	14.2	17.8	63	-	2.3	-	4.6	1	8	188	19	14	40	20	8	8	51	37	168	0
Adampur (A)	0830	249	1008.8	980.2	-	19.7	16.5	14.2	17.9	74	-	2.9	-	5.9	0	14	168	27	14	21	48	16	10	15	31	183	0
	1730	"	1006.0	977.9	-	27.1	19.9	14.0	17.5	49	-	2.7	-	#	1	35	283	34	6	11	18	24	17	94	115	46	0
Ludhiana	0830	247	1009.0	980.7	+0.2	20.9	16.8	13.7	17.1	67	+1	2.5	+0.1	2.1	0	0	260	20	32	26	39	17	15	26	85	105	0
	1730	"	1005.4	977.9	0	29.1	20.1	13.6	16.8	43	-1	2.2	-0.2	2.0	0	0	276	19	41	7	30	11	10	31	127	89	0

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 1966

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
PUNJAB (INCLUDING DELHI) (Contd.)																											
Ferozepur	0830	200	1009.3	986.2	+0.9	20.4	16.9	14.5	17.9	71	-1	1.7	-0.1	2.3	0	5	214	52	30	10	16	40	7	14	50	146	0
	1730	"	1006.1	983.7	+0.9	28.9	20.4	14.5	18.1	44	-3	1.3	-0.6	2.7	0	2	272	62	39	5	10	36	10	10	102	91	0
Halwara (A)	0830	242	1008.7	981.1	-	20.7	16.6	13.6	16.9	68	-	2.6	-	7.3	0	26	219	36	15	23	44	24	24	24	55	120	0
	1730	"	1005.6	970.3	-	28.0	19.0	12.1	15.5	42	-	#	-	11.2	1	29	309	45	14	18	35	18	13	49	147	26	0
Chandigarh	0830	347	1007.1	967.6	-1.0	21.1	16.0	11.5	14.9	58	-3	2.0	+0.1	1.5	0	0	197	0	15	0	112	0	5	0	65	168	0
	1730	"	1004.7	966.1	-0.3	28.5	18.6	10.2	13.9	36	-10	2.3	+0.9	3.6	0	0	241	0	5	0	110	0	79	0	47	124	0
Ambala	# 0830	272																									
	# 1730	"																									
Ambala (F.B.O.)	0230	278	1006.9	975.1	-	21.7	16.8	13.8	17.1	65	-	1.9	-	5.1	0	7	215	10	11	17	54	2	2	11	115	143	0
	0530	"	1006.9	966.7	-	19.8	16.0	13.5	16.7	70	-	2.4	-	4.9	0	5	207	9	9	23	54	1	3	19	94	153	0
	1130	"	1008.2	977.0	-	27.4	19.6	15.5	18.2	51	-	2.7	-	7.3	0	22	244	8	10	12	89	6	12	17	112	99	0
	1430	"	1005.8	975.0	-	29.6	20.1	14.4	17.5	43	-	2.7	-	8.1	0	22	289	15	15	9	71	10	15	54	122	54	0
	2030	"	1006.2	975.0	-	25.4	18.6	14.5	17.7	55	-	1.8	-	5.9	0	13	225	5	8	13	34	4	13	39	122	127	0
	2330	"	1007.4	975.6	-	23.1	17.6	14.1	17.4	61	-	1.6	-	6.0	0	9	230	14	6	14	39	3	6	30	127	126	0
Ambala (A)	0530	274	1006.0	967.0	-	17.0	14.8	13.0	16.4	74	-	2.4	-	5.4	0	16	148	3	12	32	27	9	12	35	32	201	2
	0830	"	1008.3	977.8	-	21.0	16.7	13.6	17.1	67	-	2.6	-	8.3	0	40	198	5	13	49	37	15	18	40	49	127	12
	1130	"	1007.9	977.3	-	28.1	19.8	13.5	17.0	46	-	2.6	-	14.0	0	98	231	9	11	41	58	22	23	61	90	36	14
	1730	"	1004.9	974.4	-	28.2	19.7	13.3	16.7	45	-	2.7	-	13.2	0	80	223	6	9	23	26	13	25	129	68	62	4
	2330	"	1007.3	976.0	-	20.7	16.7	13.6	17.1	67	-	1.8	-	6.1	0	22	161	4	11	25	19	4	11	53	53	182	3
Patiala	0830	251	1008.8	980.3	+0.4	22.0	18.2	14.0	18.2	63	-2	2.2	-0.3	5.7	0	3	212	11	2	4	73	6	3	0	116	150	0
	1730	"	1005.6	977.7	+0.4	28.5	20.0	14.0	17.2	46	+2	2.2	-0.6	7.5	0	15	230	14	3	1	44	1	0	0	182	120	0
Bhatinda	0830	211	1008.6	984.4	-	23.8	18.6	15.0	18.3	58	-7	1.0	-0.5	2.8	0	3	213	2	17	4	75	1	35	2	80	149	0
	1730	"	1005.1	981.5	-	29.3	21.2	15.2	18.5	46	-3	1.2	-0.5	3.7	0	1	271	9	24	4	41	3	20	11	69	93	0
Karnal	# 0830	249																									
	# 1730	"																									
Hissar	0530	221	1007.4	973.4	-	18.8	16.7	15.1	18.7	80	-	1.8	-	4.0	0	3	269	17	16	36	38	19	81	43	22	93	0
	0830	"	1009.0	983.5	0	20.8	17.9	15.9	20.0	74	+11	2.0	+0.4	4.3	0	4	292	18	12	33	38	37	92	48	18	69	0
	1130	"	1008.7	984.0	-	28.6	22.4	19.6	23.2	57	+	1.9	-	6.9	0	21	280	26	11	18	57	22	40	69	58	64	0
	1730	"	1005.2	980.8	0	30.5	23.4	19.4	24.1	53	+12	2.2	+0.3	5.2	0	6	298	45	19	19	28	12	42	68	70	61	1
	2330	"	1007.7	982.2	-	22.1	18.6	16.2	20.1	70	-	#	-	4.3	0	1	256	34	18	32	38	13	49	34	39	108	0
New Delhi (Safderjung)	0230	16	1007.3	982.4	-	21.1	16.5	12.8	16.1	63	-	1.7	-	6.7	0	16	266	26	9	26	25	13	29	73	81	83	0
	0530	"	1007.3	982.4	-	19.8	15.8	12.5	15.9	66	-	2.1	-	6.6	0	17	271	12	6	28	24	9	33	5	70	77	1
	0830	"	1008.5	984.1	+0.3	21.6	16.7	12.7	17.0	60	+4	2.4	-0.1	9.8	0	45	284	9	7	29	34	12	20	134	83	36	1
	1130	"	1008.7	984.4	-	28.2	19.4	12.4	16.2	42	-	2.4	-	13.1	0	76	277	24	17	27	36	17	18	78	135	12	1
	1430	"	1005.2	982.2	-	30.8	19.8	11.0	14.6	34	-	2.7	-	14.0	0	84	272	38	16	25	32	14	20	52	157	9	2
	1730	"	1005.2	981.2	+0.6	29.9	19.6	11.1	14.7	37	0	2.6	-0.2	10.5	1	55	276	50	16	30	24	11	15	27	159	33	0
	2030	"	1006.7	982.3	-	25.0	18.2	13.2	16.5	52	-	2.0	-	5.6	0	13	248	31	16	25	32	7	20	35	95	104	0
	2330	"	1007.7	983.0	-	22.7	17.4	13.1	16.5	59	-	1.8	-	6.1	1	12	248	30	8	27	32	21	28	43	72	104	0
Palam (A)	0230	233	1007.4	980.7	-	20.2	16.4	13.3	16.6	67	-	1.8	-	5.3	0	7	244	12	14	30	39	24	62	52	18	114	0
	0530	"	1007.6	974.3	-	18.6	15.5	13.0	16.4	72	-	2.0	-	6.5	0	16	264	11	9	26	39	28	91	54	22	85	0
	0830	"	1009.0	982.2	-	21.5	17.0	13.5	17.0	63	-	2.5	-	9.8	0	29	280	6	4	26	41	17	71	89	55	56	0
	1130	"	1006.8	982.8	-	28.3	19.9	14.0	16.7	45	-	2.3	-	12.2	0	57	286	(a) 29	11	25	33	18	33	85	108	22	0
	1430	"	1006.3	980.6	-	31.0	20.8	13.0	16.2	38	-	2.6	-	13.0	0	72	270	51	16	25	29	10	20	60	131	23	0
	1730	"	1005.2	979.4	-	29.8	20.3	13.3	16.3	41	-	2.6	-	11.7	0	46	282	45	26	35	26	11	13	35	137	37	0
	2030	"	1006.7	980.4	-	24.9	18.6	14.0	17.2	55	-	2.2	-	4.9	0	6	220	24	18	42	34	6	15	34	53	139	0
	2330	"	1007.8	981.2	-	22.2	17.3	13.7	17.0	62	-	1.8	-	5.7	0	10	225	20	15	29	51	21	43	29	27	130	0

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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	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.): 63 or more	20 to 61	1 to 19	No. of observations, Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
HIMACHAL PRADESH																											
Mandi	0830	761	1010.5	924.7	0	15.8	13.2	11.3	14.5	78	-4	2.9	-0.7	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1004.6	921.6	+0.1	24.4	17.4	12.0	15.2	52	-4	3.5	-0.2	#	0	0	13	0	0	1	1	4	6	0	1	352	0
Bilaspur	0830	387	1009.6	943.2	-0.9	17.9	15.0	13.0	16.4	76	-2	2.1	-2.3	0.4	0	0	47	7	2	17	4	11	1	2	3	318	0
	1730	"	1005.4	940.9	-0.2	26.9	19.0	13.5	16.7	48	-1	2.6	-1.2	1.6	0	0	194	6	25	19	13	23	28	52	28	171	0
JAMMU AND KASHMIR																											
Nisgar	# 0830																										
	# 1730																										
Gilgit	# 0830																										
	# 1730																										
Skardu	# 0830																										
	# 1730																										
Leh	# 0530																										
	# 0830																										
	# 1730																										
Srinagar	0830	1587	1507.9	842.3	+0.6	10.5	9.0	8.0	10.9	82	+1	4.4	+0.3	2.2	0	1	237	16	11	12	94	16	7	25	57	127	0
	1130	"	1508.0	842.4	-	14.6	10.6	8.4	#	64	-	4.2	-	2.8	0	1	285	59	21	9	55	29	14	31	68	79	0
	1430	"	1490.0	840.7	-	16.7	11.5	8.1	10.1	56	-	4.2	-	3.7	0	1	318	28	22	15	42	31	7	52	122	46	0
	1730	"	1481.5	839.8	+0.7	15.9	10.9	7.7	10.9	58	+2	4.5	+0.2	3.3	0	1	267	27	21	24	36	20	14	26	100	97	0
	2030	"	1491.5	840.7	-	12.4	9.9	8.3	10.3	75	-	4.1	-	2.6	0	3	184	27	15	15	41	22	3	19	45	178	0
Srinagar (A)	0530	1666	1495.5	833.2	-	8.5	7.8	7.5	10.0	87	-	3.8	-	2.4	0	1	121	6	3	13	7	30	21	26	16	243	0
	0830	"	1504.9	834.3	-	10.6	9.1	8.3	11.0	82	-	4.5	-	2.4	0	0	128	10	13	20	16	21	9	17	22	237	0
	1130	"	1506.3	834.6	-	13.9	10.8	9.1	12.3	70	-	4.3	-	4.6	0	4	211	35	29	28	15	21	6	30	51	150	0
	1730	"	1480.8	832.3	-	15.4	11.3	9.0	10.2	65	-	4.7	-	6.3	0	12	205	35	17	16	10	28	17	37	57	148	0
	2330	"	1497.3	833.6	-	10.2	8.9	8.2	10.8	81	-	3.4	-	#	0	5	159	9	6	11	15	21	25	40	37	201	0
Gulmarg (Research Institute)	#0830																										
	#1730																										
Qazigund	0830	-	*	*	-	10.4	8.6	7.3	10.2	78	-	4.4	-	1.5	0	3	144	3	3	23	66	4	15	22	11	218	0
	1730	-	*	*	-	14.9	10.4	7.8	10.7	61	-	4.8	-	3.6	0	5	230	6	12	16	37	43	49	55	17	130	0
Banihal	0830	-	*	*	-	11.6	8.9	7.8	10.5	72	-	3.6	-	4.9	0	20	114	3	0	0	0	17	4	0	110	231	0
	1730	-	*	*	-	17.2	11.5	8.0	10.7	52	-	4.4	-	7.6	0	5	255	2	0	1	5	87	16	0	149	105	0
Jammu	0830	-	#	#	-	20.6	16.0	12.2	15.7	62	+4	3.3	+0.3	7.2	0	4	348	30	237	6	20	8	0	2	12	13	37
	1730	-	#	#	-	26.1	18.7	13.5	16.8	43	-	2.4	-	#	0	2	191	13	33	4	15	13	38	16	31	172	30
Jammu (A)	0530	292	1007.7	973.9	-	18.9	14.9	11.3	12.9	65	-	3.0	-	7.2	0	14	220	16	164	21	8	9	3	3	10	131	0
	0830	"	1008.6	975.1	-	21.0	15.9	11.6	15.0	59	-	3.4	-	6.8	0	18	244	27	140	38	16	16	5	10	9	103	1
	1130	"	1008.7	975.7	-	26.7	18.2	11.3	14.8	43	-	3.3	-	7.6	0	34	210	#	-	-	-	-	-	-	-	121	0
	# 1730	"																									
	# 2330	"																									
RAJASTHAN, WEST																											
Ganganagar	0530	177	1007.2	986.6	-	18.7	15.2	12.4	15.7	69	-	#	-	0.9	0	1	51	1	10	6	12	6	15	1	1	313	0
	0830	"	1008.7	988.2	+0.2	20.6	16.1	12.7	16.1	64	+3	1.0	-0.4	2.9	0	11	160	4	22	28	30	10	61	10	6	194	0
	1130	"	1008.4	988.6	-	29.0	19.3	12.0	15.3	38	-	1.6	-	3.7	0	9	185	9	31	15	42	8	57	16	15	171	1
	1730	"	1005.1	985.4	+0.2	30.8	19.9	11.6	14.8	35	-1	1.7	0	2.3	0	2	150	18	20	8	12	5	53	15	21	213	0
	2330	"	1007.5	987.2	-	22.1	16.9	13.2	16.4	60	-	#	-	1.3	0	7	59	4	22	5	15	1	11	1	7	299	0
Anupgarh	# 0830	154																									
	# 1730	"																									
Mahajan	0830	187	1007.8	986.1	-	22.3	#	#	#	#	-	#	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1003.8	982.7	-	30.9	#	-	-	#	-	#	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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
RAJASTHAN, WEST (Contd.)																											
Churu	0830	291	#	#	-	21.2	15.6	11.4	14.9	53	-10	1.7	-1.2	8.1	0	46	221	18	6	40	17	41	47	92	6	98	0
	1730	"	#	#	-	31.0	18.9	9.4	12.6	28	-	2.2	-	9.7	0	42	299	120	20	15	5	13	28	94	46	24	0
Bikaner	0830	224	1009.1	983.4	+0.4	21.5	15.7	11.5	14.5	51	-2	1.1	-0.1	6.0	0	21	237	11	22	28	20	45	98	24	10	107	0
	1730	"	1005.3	980.6	-	32.0	19.5	9.4	12.8	28	-	1.6	-	5.9	0	16	278	57	38	4	6	27	79	35	48	71	0
Bikaner (P.B.O.)	0530	224	1007.5	973.4	-	19.3	14.5	10.8	14.1	57	-	1.5	-	3.2	0	1	183	13	12	2	7	30	99	18	3	181	0
	1130	"	1008.5	983.6	-	30.0	19.1	9.1	13.7	32	-	1.6	-	6.1	0	5	325	21	41	20	38	57	87	53	12	35	1
	2330	"	1007.7	982.2	-	23.3	16.3	10.4	14.0	47	-	1.3	-	4.0	0	5	195	23	32	4	8	54	58	9	8	165	4
Nagaur	0830	298	1009.3	975.6	+0.4	24.7	18.5	13.3	16.8	51	-2	2.1	+0.1	7.6	0	7	345	31	34	50	26	71	99	27	14	13	0
	1730	"	1004.7	971.9	+0.1	31.7	22.5	16.9	20.2	43	+7	2.4	-0.2	8.2	0	7	357	67	33	14	4	53	84	52	57	1	0
Phalodi	0830	234	1009.2	982.5	+0.1	22.3	17.0	12.8	16.4	56	-5	1.6	-0.3	10.5	0	42	304	25	27	24	52	53	110	36	9	19	0
	1730	"	1006.2	980.5	+0.6	32.5	21.5	13.7	17.1	35	-4	1.7	-0.6	12.6	0	46	317	54	40	12	14	49	120	45	29	2	0
Jaisalmer	0830	242	1008.3	980.8	0	22.0	#	#	#	#	-	1.9	+0.6	10.0	0	38	266	40	33	20	21	11	71	8	0	61	0
	1730	"	1004.1	977.7	-0.1	32.8	#	#	#	#	-	1.9	+0.2	10.8	0	25	331	81	42	2	3	111	86	25	6	9	0
Jodhpur	0230	224	1007.6	982.2	-	24.0	16.7	9.7	13.7	45	-	1.5	-	12.0	0	38	310	45	111	6	3	5	95	70	9	17	4
	0530	"	1007.8	982.2	-	22.1	16.2	10.3	14.3	51	-	1.7	-	11.3	0	28	317	45	118	9	3	8	81	71	9	20	1
	0830	"	1009.5	983.9	+0.2	22.5	16.4	10.7	14.6	51	-1	2.3	-0.1	12.5	0	39	309	23	127	25	3	12	92	56	9	17	1
	1130	"	1009.3	984.2	-	29.5	19.2	10.8	14.4	36	-	2.4	-	14.4	0	57	300	9	64	50	24	25	111	52	17	8	5
	1430	"	1006.6	981.9	-	32.5	20.0	9.8	13.5	29	-	2.7	-	15.5	0	72	293	21	41	31	18	14	122	70	29	0	19
	1730	"	1005.5	980.8	+0.4	32.8	20.2	10.8	13.8	29	-1	2.5	-0.1	13.3	0	49	307	38	56	18	5	18	118	61	35	9	7
	2030	"	1006.9	981.8	-	28.5	18.5	10.2	13.7	36	-	2.2	-	11.5	0	31	313	52	65	11	6	21	108	57	22	21	2
	2330	"	1007.9	982.7	-	26.2	17.5	9.5	13.6	40	-	1.7	-	12.1	0(a)	31	322	47	99	4	5	15	106	67	11	11	0
Barmer	0530	194	1006.6	984.4	-	22.4	17.0	12.7	16.0	55	-	1.6	-	7.1	0	5	308	16	5	2	2	12	82	64	30	52	0
	0830	"	1008.3	986.1	-0.5	23.1	17.6	13.2	16.6	55	-4	1.2	0	5.3	0	3	294	22	7	1	2	20	98	31	16	68	0
	1130	"	1008.3	986.6	-	29.9	21.0	15.1	18.3	42	-	0.4	-	6.6	0	3	326	32	57	10	20	41	110	22	37	36	0
	1730	"	1004.4	983.1	-0.4	33.5	22.5	15.6	18.6	36	+1	2.5	+0.2	6.7	0	7	322	35	44	11	8	38	111	35	46	36	1
	2330	"	1007.1	985.3	-	26.7	19.2	13.7	16.9	46	-	1.1	-	6.9	0	3	304	12	5	0	1	10	107	69	103	58	0
Erinpura (Jawai Dam)	0830	295	1009.2	975.6	-0.3	22.4	17.9	14.3	17.2	62	-6	1.9	-0.9	3.8	0	0	256	1	10	4	32	90	97	21	1	109	0
	1730	"	1004.8	972.3	-0.5	30.2	21.6	15.9	19.0	45	-2	2.1	-1.0	3.6	0	1	248	24	19	4	7	31	99	44	21	116	0
RAJASTHAN, EAST																											
Pilani	0830	301	1009.6	975.3	-0.1	21.4	15.9	11.4	14.9	55	+1	1.7	-0.4	10.9	0	74	255	#	-	-	-	-	-	-	-	36	-
	1730	"	1005.5	972.4	-0.1	30.6	19.1	9.5	13.3	31	-5	2.1	-0.2	11.5	0	69	285	55	37	22	16	9	46	85	84	11	0
Sikar	0830	433	1009.3	960.4	+0.1	21.2	15.8	11.3	14.7	55	-11	1.1	-1.1	2.7	0	12	138	2	1	1	13	2	7	110	14	215	0
	1730	"	1004.9	957.7	0	29.7	19.3	9.9	13.7	31	-19	1.2	-1.7	4.7	0	17	242	2	7	6	4	2	2	160	76	106	0
Alwar	0830	271	1008.2	977.5	-	23.0	18.4	15.8	18.6	64	-5	2.4	-0.2	1.4	0	0	146	21	16	13	5	8	14	36	31	219	2
	1730	"	1005.1	975.2	+0.1	30.5	22.1	17.2	20.3	48	0	2.8	-0.4	1.2	0	0	169	42	20	6	6	6	29	29	31	196	0
Jaipur (Sanganer)	0230	390	1007.2	963.0	-	21.1	15.6	10.4	14.1	54	-	1.6	-	3.2	0	1	208	40	40	43	5	1	16	31	33	156	0
	0530	"	1007.5	963.1	-	19.8	15.0	10.5	14.1	58	-	1.7	-	3.2	0	0	201	40	28	48	6	1	5	25	48	164	0
	0830	"	1008.8	964.8	-0.3	23.2	16.7	10.8	14.5	50	-3	2.0	-0.2	5.5	0	19	229	22	16	63	10	1	3	53	80	117	0
	1130	"	1008.1	965.1	-	29.4	18.7	9.6	13.3	33	-	2.2	-	9.0	0	34	290	21	13	37	42	13	24	72	101	41	1
	1430	"	1005.3	962.7	-	31.6	19.2	8.9	12.5	29	-	2.6	-	7.7	0	35	304	27	12	21	18	13	31	107	109	26	1
	1730	"	1004.5	961.7	-0.4	30.4	18.8	8.9	12.7	31	-6	2.7	-0.2	6.3	0	13	276	28	6	21	12	3	21	81	117	76	0
	2030	"	1006.6	963.0	-	25.1	17.2	10.3	14.0	43	-	1.9	-	3.9	0	5	217	58	25	33	4	2	10	50	40	143	0
	2330	"	1007.6	967.0	-	22.9	16.3	10.4	14.1	49	-	1.6	-	3.4	0	5	207	49	41	41	4	1	5	38	33	153	0
Dholpur	0830	176	1008.5	988.4	+0.2	22.6	17.5	12.5	16.1	54	-11	1.8	-1.0	1.6	0	1	159	9	5	14	4	8	9	80	31	205	0
	1730	"	1004.5	985.0	-0.4	30.7	20.4	12.3	15.8	37	-12	2.0	-1.2	1.5	0	1	137	24	6	15	2	0	12	49	30	227	0
Ajmer	0830	486	1009.5	954.9	0	22.1	15.7	10.5	14.1	52	-4	2.3	0	9.3	0	60	201	6	37	11	8	5	83	89	22	104	0
	1730	"	1004.8	951.9	-0.1	30.4	16.2	8.8	12.4	30	-5	2.8	+0.1	8.3	0	24	321	27	39	15	21	12	76	109	46	20	0

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 1966

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.): 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
RAJASTHAN, EAST (Contd.)																											
Tonk	0830	272	1008.5	977.5	+0.2	23.1	18.0	14.4	18.0	60	-6	2.0	-0.4	6.7	0	2	355	16	17	15	21	14	27	137	110	8	0
	1730	"	1003.0	973.8	-0.1	31.4	22.2	16.4	19.6	43	-4	2.3	-0.6	5.6	0	2	341	21	24	18	12	16	36	136	80	22	0
Bhilwara	0830	425	1009.5	961.9	-	22.7	16.2	10.2	14.0	50	-	2.4	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1005.4	959.1	-	30.8	19.2	9.4	13.0	31	-	2.5	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
Kota	0830	257	1009.0	980.0	-0.1	24.7	10.9	13.5	17.0	53	0	2.2	-0.2	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1004.8	976.6	-0.1	31.8	21.1	13.4	16.8	37	+1	2.9	-0.1	#	#	-	-	#	-	-	-	-	-	-	-	-	-
Kota (A)	# 0530	274																									
	0830	"	1009.3	978.4	-	25.0	17.2	10.4	14.3	44	-	2.3	-	7.7	0	23	272	10	22	33	9	6	52	115	48	70	0
	1130	"	1009.0	978.5	-	30.0	19.1	10.1	13.8	34	-	2.5	-	10.2	0	22	323	22	38	79	22	5	41	58	80	20	0
	1730	"	1005.1	975.0	-	31.9	19.5	9.4	13.0	29	-	3.0	-	9.6	0	40	305	43	63	40	6	9	47	72	63	20	0
	2330	"	1007.8	977.0	-	25.5	17.2	9.5	13.6	41	-	1.9	-	7.9	0	29	280	9	22	22	15	11	11	88	30	56	1
Chambal (Rawet Bhatta Dam)	0830	351	1009.5	969.9	0	23.2	17.4	12.4	15.5	54	-9	1.7	-0.8	4.0	0	17	148	11	22	4	5	8	76	21	17	200	1
	1730	"	1005.0	966.7	+0.1	31.2	20.2	11.7	15.1	36	-8	2.1	-1.1	7.9	0	36	306	#	-	-	-	-	-	-	-	23	-
Udaipur	0230	592	1008.7	943.4	-	19.9	15.6	12.1	15.3	63	-	#	-	1.5	1	1	72	2 (a)	1	3	1	18	33	12	3	291	0
	0530	"	1008.9	943.3	-	18.7	14.9	11.9	15.0	67	-	#	-	1.4	0	1	73	#	#	-	-	-	-	-	-	291	#
	0830	"	1009.9	944.9	+0.1	22.1	16.4	11.9	15.1	56	-4	2.3	-0.2	1.7	0	0	111	11	6	3	0	20	42	17	12	254	0
	1130	"	1008.6	945.1	-	28.8	18.8	11.2	14.7	38	-	2.2	-	4.1	0	0	262	#	-	-	-	-	-	-	-	103	#
	1730	"	1005.3	942.2	+0.1	29.5	19.2	11.6	15.0	38	-5	2.7	-0.5	4.2	#	-	-	#	-	-	-	-	-	-	-	-	-
	2330	"	1009.1	944.1	-	21.7	16.3	12.5	15.6	58	-	1.5	-	2.8	0	0	97	4	7	1	1	19	38	20	7	268	0
Jhalawar	0820	321	1009.2	973.1	+0.2	23.9	17.2	11.2	14.9	60	+1	2.5	+0.2	3.6	0	1	203	21	20	9	9	7	56	64	17	161	1
	1730	"	1004.6	969.5	0	31.5	19.7	10.1	13.2	31	-7	2.5	-0.2	3.9	0	1	240	40	34	7	8	3	46	68	15	124	0
Banswara	0830	220	1007.6	982.7	-	23.7	18.5	14.7	17.8	67	-	1.8	-	9.1	0 (a)	2	355	9 (a)	16	69	93	65	92	7	6	7	0
	# 1730	"																									
MADHYA PRADESH, WEST																											
Gwalior	0230	207	1007.1	983.6	-	21.0	15.7	10.7	15.0	57	-	1.9	-	3.7	0	9	170	14	7	7	14	30	47	37	23	186	0
	0530	"	1007.6	983.6	-	20.0	15.2	10.7	14.8	61	-	2.2	-	3.7	0	12	173	11	9	12	23	19	40	41	30	180	0
	0830	"	1008.9	985.5	+0.2	24.4	17.3	11.1	15.2	49	-5	2.4	-0.3	5.4	0	19	222	21	12	10	25	27	17	68	61	124	0
	1130	"	1008.5	985.5	-	30.3	19.4	9.5	14.6	35	-	2.4	-	9.1	0	31	315	54	32	27	29	17	18	59	110	19	0
	1430	"	1005.7	983.0	-	32.3	19.8	8.6	13.8	30	-	2.8	-	9.8	0	28	325	57	32	25	15	14	16	65	129	12	0
	1730	"	1005.0	982.1	+0.1	30.9	19.6	9.7	14.5	34	-5	2.9	-0.2	7.2	0	17	327	79	40	18	9	9	20	53	116	21	0
	2030	"	1006.9	983.5	-	25.2	17.8	11.4	15.5	48	-	2.2	-	3.2	0	2	177	24	15	10	9	28	33	29	31	186	0
	2330	"	1007.6	984.0	-	22.5	16.5	11.0	15.2	54	-	2.0	-	3.4	0	3	166	9	7	8	15	38	44	29	19	196	0
Sheopur	0830	235	1009.4	982.7	+0.5	23.1	17.1	11.9	15.9	53	-7	2.3	-0.8	6.3	0	11	304	54	16	22	6	127	29	59	2	50	0
	1730	"	1004.8	979.0	+0.4	31.9	20.2	10.7	14.8	33	-8	3.0	-0.4	9.3	0	30	309	127	15	15	1	28	30	93	30	26	0
Shivpuri	0830	464	1009.0	957.1	-	23.7	16.7	11.1	15.1	51	-	2.3 (a)	-	6.7 (a)	0	27	267	15	50	20	16	18	32	107	34	70	2
	1730	"	1004.7	954.0	-	29.9	18.5	9.1	13.7	34	-	2.6	-	6.2	0	7	302	39	43	28	6	3	21	86	83	56	0
Nowgong	0830	229	1009.4	983.4	+0.3	23.8	17.3	12.5	16.3	58	-7	2.4	-0.4	3.9	0	0	269	6	22	21	7	50	119	24	19	96	1
	1730	"	1005.1	979.9	+0.3	31.2	20.3	10.8	15.2	37	-7	2.6	-0.6	3.8	0	3	272	31	51	11	4	2	77	19	79	90	1
Gwalior	0530	478	1008.3	954.1	-	19.0	14.7	10.8	14.6	64	-	2.3	-	6.4	0	14	257	13	25	33	57	26	51	54	12	94	0
	0830	"	1009.4	956.0	+0.2	24.0	17.2	11.9	15.7	53	-8	2.5	-0.1	6.6	0	10	337	22	13	73	45	43	20	113	18	18	0
	1130	"	1008.3	956.0	-	29.9	20.2	13.2	17.0	42	-	2.7	-	11.0	0	34	324	21	38	48	34	19	30	83	85	7	0
	# 1430	"																									
	1730	"	1004.8	952.7	0	30.3	19.9	12.2	16.0	40	-2	3.3	+0.2	10.3	1	34	319	52	40	24	8	12	34	85	99	11	0
	2330	"	1008.6	954.8	-	27.1	16.2	11.4	14.9	56	-	2.0	-	5.9	0	10	261	18	25	44	37	27	38	62	20	94	0
Guna	0830	496	1009.7	954.3	-0.1	23.0	16.6	10.8	15.1	51	-5	2.3	-0.6	9.7	0	45	272	10	97	22	6	6	63	79	10	46	24
	1730	"	1005.5	952.6	0	30.6	18.8	9.2	13.7	32	-6	2.5	-0.9	11.7	0	76	264	5	75	15	3	2	60	82	6	25	92
Rajgarh	0830	382	1009.7	966.5	+0.3	2..4	17.0	12.0	16.2	57	-3	2.6	-0.2	8.0	1	35	266	39	20	47	49	34	16	88	29	43	0
	1730	"	1004.7	963.1	+0.1	31.7	20.3	10.5	15.1	35	-4	2.9	-0.4	10.5	0	40	319	100	25	22	10	10	18	115	59	6	0

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 1966

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	30 to 61	1 to 19	No. of observations Wind Direction: N	NE	E	SE	S	SW	W	NW	Calm	Variable
MADHYA PRADESH, WEST (Contd.)																											
Sagar	0830	551	1009.1	947.9	+0.5	23.9	17.3	12.1	15.6	54	0	2.5	-0.6	4.9	0	0	322	1	49	70	0	1	48	106	47	43	0
	1730	"	1004.6	944.8	+0.5	30.1	19.1	10.2	14.4	37	-6	2.6	-0.9	4.9	0	0	332	8	35	63	2	1	36	121	66	33	0
Ratlam	0830	486	1010.0	955.5	+0.4	23.0	17.8	13.9	17.4	60	-5	3.0	-0.5	11.3	0	60	283	21	85	58	8	13	50	90	18	22	0
	1730	"	1005.1	952.3	+0.1	30.9	20.9	14.9	17.8	42	-1	3.3	-0.6	11.5	0	43	309	23	71	33	5	4	68	101	47	13	0
Bhopal (Bairagarh)	0230	523	1007.7	949.1	-	21.4	15.8	10.9	14.5	56	-	2.3	-	8.7	0	26	285	52	45	17	24	19	45	79	30	54	0
	0530	"	1008.2	949.3	-	20.3	15.3	10.9	14.5	59	-	2.6	-	8.7	0	23	282	44	38	23	25	16	43	79	37	60	0
	0830	"	1009.5	951.3	+0.1	23.8	17.2	11.9	15.4	52	-5	2.9	0	11.4	0	69	249	30	52	38	35	9	30	83	41	47	0
	1130	"	1008.4	951.2	-	29.2	19.1	11.7	15.3	40	-	3.0	-	13.4	0	67	286	25	45	53	51	22	25	87	45	12	0
	1430	"	1005.3	948.6	-	31.3	19.6	11.1	14.8	35	-	3.5	-	12.9	0	72	276	48	37	25	28	14	46	95	55	17	0
	1730	"	1004.7	947.9	+0.1	30.2	19.2	11.1	14.5	37	+2	3.5	+0.1	11.9	0	55	293	50	48	22	16	19	38	77	78	17	0
	2030	"	1007.3	949.5	-	25.7	17.5	11.1	14.6	46	-	2.8	-	7.9	0	12	291	49	47	30	18	23	41	59	36	62	0
	2330	"	1008.2	950.0	-	23.4	16.6	11.0	14.6	51	-	2.4	-	8.5	0	14	292	62	41	16	20	27	50	63	27	59	0
Ujjain	0830	489	1010.0	955.0	-	22.0	16.8	12.6	16.2	59	-	3.3	-	10.2	0	73	162	9	18	30	14	4	6	73	78	130	3
	1730	"	1005.0	951.8	-	30.5	19.6	11.8	15.3	37	-	3.9	-	12.9	0	102	218	18	50	30	4	4	12	112	90	45	0
Narsinghpur	0830	356	1009.5	969.4	-	23.2	18.4	14.7	18.5	61	-	#	-	1.9	0	0	275	0	91	0	26	2	111	4	41	90	0
	1730	"	1004.6	965.7	-	31.7	22.4	16.3	20.0	44	-	#	-	2.2	0	0	315	2	96	0	18	0	116	4	79	50	0
Hoshangabad	0830	302	1009.8	975.6	+0.3	23.5	17.9	13.2	16.8	57	-4	#	-	2.7	0	0	357	15	36	12	8	16	224	8	38	8	0
	1730	"	1005.0	971.8	+0.3	31.9	20.8	11.9	16.2	37	-5	#	-	2.5	0	1	355	22	62	7	13	22	164	8	58	9	0
Indore	0530	567	1008.6	944.7	-	19.4	14.8	10.6	14.5	61	-	2.3	-	10.3	0	55	249	14	52	34	5	18	75	82	23	61	1
	0830	"	1009.8	946.7	+0.4	23.0	16.8	11.5	15.4	53	-7	2.7	-0.3	13.0	1	97	218	13	41	39	12	26	63	101	19	49	2
	1130	"	1008.4	946.6	-	29.1	18.8	10.9	14.7	39	-	2.6	-	15.6	0	104	248	16	54	56	18	35	51	90	29	13	3
	1730	"	1004.7	943.3	+0.1	30.1	18.9	9.8	13.9	35	-4	2.9	-0.6	15.8	0	115	236	35	75	29	5	14	68	102	21	14	2
	2330	"	1008.7	945.6	-	22.6	16.2	10.5	14.5	52	-	2.1	-	11.2	0	57	276	23	58	33	5	14	90	87	23	32	0
Rajpur (Jhabua)	0830	293	1010.4	977.1	0	22.8	17.9	13.6	17.6	60	-8	2.9	-0.5	7.5	0	24	250	2	5	67	9	3	12	174	2	91	0
	1730	"	1005.6	973.5	0	32.0	20.3	10.7	14.8	33	-8	2.6	-0.6	8.3	0	13	307	8	3	46	3	1	8	248	3	45	0
Chhindwara	0830	685	1009.4	933.5	0	22.4	16.6	12.1	15.5	57	-5	3.3	+0.2	6.1	0	30	202	45	26	18	4	12	8	78	41	133	0
	1730	"	1004.3	930.5	+0.2	29.2	18.9	11.1	14.7	39	-5	4.1	+0.2	7.8	0	14	301	59	9	53	6	28	11	118	31	30	0
Seoni	0830	619	1009.3	940.9	+0.6	23.7	17.9	13.8	17.1	57	-3	3.1	-0.3	5.6	0	0	320	44	42	18	7	18	91	42	58	45	0
	1730	"	1004.5	937.6	+0.3	29.2	19.8	13.2	16.5	43	-4	3.6	-0.4	7.3	0	1	353	71	30	36	30	48	49	46	44	11	0
Betul	0830	653	1009.7	937.4	+0.1	23.1	17.4	12.7	16.4	57	-4	3.1	-0.5	4.2	0	3	315	19	32	48	61	8	11	64	72	47	3
	1730	"	1004.5	933.9	0	29.5	19.2	11.2	15.3	39	-6	3.8	-0.3	5.3	0	2	352	78	62	6	22	14	15	67	90	11	0
Khandwa	0830	318	1009.9	974.0	+0.5	23.9	18.1	13.3	16.9	55	-3	2.5	-0.5	3.3	0	0	312	5	52	12	32	14	102	40	55	53	0
	1730	"	1004.8	970.1	+0.3	32.5	21.0	12.5	15.8	35	-4	3.3	-0.2	3.9	0	0	360	16	99	2	22	3	100	20	98	5	0
MADHYA PRADESH, EAST																											
Satna	0530	317	1007.5	971.3	-	20.2	15.9	11.8	15.7	64	-	2.5	-	2.4	0	2	176	11	3	11	7	15	30	80	21	187	0
	0830	"	1008.9	973.2	+0.4	24.3	17.8	12.1	16.1	53	-9	2.5	-0.4	2.5	0	3	248	2	9	31	11	24	29	132	13	114	0
	1130	"	1008.0	973.0	-	30.2	19.6	10.5	14.9	37	-	2.7	-	6.2	0	8	322	21	18	41	15	10	23	124	78	35	0
	# 1430	"																									
	1730	"	1004.8	969.9	+0.3	30.2	19.6	10.4	15.0	38	-9	2.9	-0.4	4.5	0	2	314	37	11	28	2	6	13	93	106	49	0
	2330	"	1007.7	971.9	-	23.2	17.3	12.0	15.9	55	-	1.8	-	2.2	0	1	180	9	8	19	8	14	20	65	18	204	0
Rewa	0830	299	1008.8	975.0	-	24.2	18.1	13.3	16.7	55	-	2.7	-	3.9	0	0	307	30	18	10	14	19	69	87	59	58	0
	1730	"	1004.6	971.7	-	30.9	20.2	11.7	15.6	37	-	3.0	-	4.6	0	1	339	75	50	15	8	5	16	60	111	25	0
Sidhi	0830	272	1008.1	977.5	+0.2	23.7	#	#	#	#	-	#	-	1.2	0	0	197	12	7	62	9	80	0	25	2	168	0
	1730	"	1004.8	974.1	+0.1	30.7	#	#	#	#	-	#	-	1.9	0	0	283	138	6	29	3	26	1	79	1	82	0
Umaria	0830	459	1009.4	958.0	+0.5	23.9	18.7	15.4	18.9	62	0	3.4	+0.1	4.2	0	0	284	25	15	42	38	23	47	69	19	81	6
	1730	"	1004.7	954.6	+0.3	29.9	21.4	16.1	19.7	48	-1	3.7	-0.1	3.4	0	1	310	63	37	16	8	4	29	62	88	54	4

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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
MADHYA PRADESH, EAST (Contd.)																											
Jabalpur	0530	393	1008.2	963.6	-	19.9	16.5	13.9	17.1	72	-	3.0	-	1.8	0	0	156	5	6	9	44	30	17	43	2	209	0
	0830	"	1009.6	965.6	+0.6	23.9	18.3	13.9	17.4	58	-6	2.8	-0.4	3.5	0	2	257	13	17	12	50	48	35	74	10	106	0
	1130	"	1008.2	965.1	-	30.1	20.4	13.1	16.7	41	-	2.9	-	5.4	0	0	336	37	49	25	24	34	46	88	33	29	0
	1430	"	1005.1	962.4	-	32.2	21.1	12.3	16.0	36	-	3.5	-	5.9	0	1	345	78	61	10	7	16	34	81	59	19	0
	1730	"	1004.7	961.8	+0.3	30.5	20.7	13.5	16.9	42	-4	3.6	-0.1	4.3	0	0	301	63	63	17	11	20	31	67	29	64	0
	# 2030	"																									
	2330	"	1008.2	964.0	-	22.9	18.2	14.8	17.9	64	-	2.7	-	2.1	0	0	162	6	31	12	22	33	18	35	5	203	0
Ambikapur	0830	611	1009.3	941.5	+0.2	22.3	17.8	13.9	17.3	61	-6	2.8	+0.3	4.7	0	6	267	34	33	18	23	46	70	33	16	92	0
	1730	"	1004.6	938.2	0	27.3	19.1	12.4	16.0	45	-5	(a) 3.6	+0.7	(a) 6.4	0	15	334	115	60	11	26	18	37	25	57	15	0
Jashpurnagar	0830	779	1008.6	923.3	-	23.0	17.8	13.6	17.0	60	-	2.4	-	1.7	0	0	244	13	86	2	20	4	72	4	43	121	0
	1730	"	1004.1	920.3	-	26.9	18.7	12.2	15.9	48	-	3.4	-	3.0	0	1	303	13	53	1	12	0	122	14	82	61	7
Pendra	0530	625	1008.1	938.4	-	20.4	15.9	12.2	15.7	64	-	3.1	-	4.7	0	23	216	80	5	2	5	57	22	25	43	126	0
	0830	"	1009.1	940.2	+0.4	24.1	17.9	13.1	16.6	56	-4	2.9	-0.2	6.4	0	26	253	128	10	4	8	64	21	14	29	86	1
	1130	"	1007.6	939.7	-	28.5	19.2	12.4	16.1	44	-	3.0	-	9.7	0	39	294	134	32	7	7	65	18	24	36	32	10
	1430	"	1004.6	937.3	-	29.7	19.5	11.9	15.7	41	-	3.6	-	10.5	0	49	291	138	27	4	15	49	28	30	45	25	4
	1730	"	1004.9	936.9	+0.2	27.6	19.0	12.6	16.3	47	-5	3.6	-0.6	6.5	0	18	267	123	21	5	10	60	22	19	24	80	1
	2330	"	1008.2	939.0	-	22.4	17.0	12.6	16.1	60	-	2.8	-	5.1	0	15	256	58	6	0	3	64	45	46	49	94	0
Mandla	0830	443	1009.7	960.0	+0.3	22.9	18.1	14.5	17.9	63	-9	2.7	-0.7	1.9	0	5	81	28	2	1	1	26	3	5	20	279	0
	1730	"	1004.4	956.1	+0.1	29.8	20.4	13.0	16.8	42	-7	(b) 3.1	-0.8	(b) 1.7	(b) 0	0	105	(b) 46	1	0	1	15	1	0	41	258	0
Champa	0830	245	1009.3	981.6	+0.1	24.7	19.5	15.5	19.3	62	-2	3.6	0	4.0	0	2	292	138	11	24	13	5	27	49	27	71	0
	1730	"	1004.8	977.8	+0.1	31.3	21.4	14.1	18.1	43	-3	4.1	-0.1	4.6	0	11	289	95	12	20	6	15	42	64	45	65	0
Raigarh	0830	220	1009.3	984.5	+0.5	25.9	20.3	16.5	20.2	59	-4	3.6	0	3.5	0	0	361	13	178	9	35	19	69	16	22	4	0
	1730	"	1004.7	980.4	+0.3	30.8	21.9	15.9	19.5	46	0	3.9	+0.2	2.1	0	0	256	52	59	0	17	7	80	10	51	109	0
Raipur	0530	298	1007.6	973.8	-	22.5	18.8	16.0	19.5	70	-	3.3	-	2.7	0	0	201	18	14	10	11	31	57	39	19	164	2
	0830	"	1009.4	975.9	+0.4	25.7	20.1	16.3	19.9	60	-2	3.5	+0.2	4.7	0	1	305	52	47	20	12	28	46	77	23	59	1
	1130	"	1008.3	975.4	-	30.8	22.0	16.1	19.8	46	-	3.4	-	6.3	0	0	331	51	76	20	15	19	39	70	41	34	0
	1430	"	1005.1	972.5	-	32.7	22.3	15.4	19.0	41	-	3.7	-	6.1	0	1	329	57	56	19	14	23	43	68	50	35	0
	1730	"	1004.8	972.1	+0.2	31.1	21.9	15.7	19.4	45	-2	3.9	+0.3	5.2	0	2	305	46	50	22	23	18	47	68	33	58	0
	# 2030	"																									
	2330	"	1007.7	974.3	-	25.5	20.1	16.1	19.7	60	-	2.9	-	5.3	0	2	301	17	30	27	34	65	69	39	22	62	0
Kanker	0830	402	1009.4	964.6	+0.3	25.1	20.2	17.0	20.4	64	-5	3.5	0	1.1	0	0	131	10	10	7	8	3	45	31	17	234	0
	1730	"	1004.8	961.0	0	30.3	22.1	16.7	20.4	50	-1	4.1	-0.2	2.3	0	0	225	34	25	5	5	2	89	16	48	140	1
Jagdalpur	0530	553	1008.0	946.2	-	20.6	18.2	16.8	19.7	81	-	3.7	-	1.8	0	4	78	1	12	0	3	14	38	9	5	283	0
	0830	"	1009.3	948.1	+0.2	24.1	19.8	17.5	20.6	69	-3	4.0	+0.4	4.0	0	5	197	16	29	7	12	28	76	16	18	163	0
	1130	"	1007.6	947.5	-	29.2	21.2	16.4	19.6	51	-	3.9	-	7.5	0	12	317	27	73	9	12	25	91	43	49	36	0
	# 1430	"																									
	1730	"	1004.7	944.7	+0.1	28.8	21.1	16.5	19.5	53	-1	4.9	+0.4	5.1	0	9	241	30	45	3	6	31	79	30	26	115	0
	# 2030	"																									
	2330	"	1008.3	947.2	-	23.2	19.5	17.3	20.3	72	-	3.4	-	2.3	0	4	102	0	17	6	13	26	26	13	5	259	0
GUJARAT REGION (INCLUDING DAMAN, DADRA & NAGAR HAVELI)																											
Deesa	0830	136	1009.8	994.1	+0.5	22.5	17.5	12.8	17.2	58	-5	2.3	-0.6	7.5	0	7	340	5	126	16	63	16	65	7	49	18	0
	1730	"	1005.4	990.4	+0.1	33.3	20.2	9.1	13.8	27	-9	2.2	-0.6	9.6	0	35	321	13	28	3	26	26	109	61	88	9	2
Radhanpur	# 0830																										
	# 1730																										

Data not available for complete year, hence no annual means. (b) Data for 363 days. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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) (Contd.)																											
Idar	0830	219	1009.5	984.8	+0.1	25.3	18.3	11.5	16.2	49	-8	2.9	-0.3	4.2	0	1	303	26	86	26	8	14	52	77	15	61	0
	1730	"	1005.5	981.4	-0.1	32.5	20.5	10.6	14.8	32	-7	2.6	-0.5	3.9	0	3	316	11	8	21	13	25	65	164	12	46	0
Ahmadabad	0230	55	1007.8	1001.4	-	23.5	18.5	14.4	18.2	60	-	1.4	-	8.3	0	4	316	40	50	11	2	5	57	103	52	45	0
	0530	"	1007.8	1001.4	-	21.9	17.9	14.5	18.5	65	-	1.7	-	7.4	0	0	296	18	57	25	5	8	58	65	60	69	0
	0830	"	1009.6	1003.3	-0.2	24.0	19.0	14.8	18.9	60	-4	2.5	-0.4	8.8	0	7	307	17	42	63	8	8	57	64	55	51	0
	1130	"	1009.8	1003.5	-	30.9	21.5	14.9	18.6	42	-	2.5	-	13.0	0	40	317	16	28	82	39	6	63	70	51	8	2
	1430	"	1007.1	1000.9	-	34.1	22.2	14.0	17.5	34	+	2.5	-	11.7	0	27	330	29	33	38	23	16	54	95	61	8	8
	1730	"	1005.9	999.7	-0.1	33.6	22.0	13.7	17.5	35	-2	2.3	-0.4	11.7	0	40	303	37	36	25	7	23	62	84	61	22	8
	2030	"	1007.4	1001.1	-	27.8	20.6	15.3	19.0	50	-	1.8	-	7.1	0	23	221	32	22	5	4	38	56	44	41	121	2
	2330	"	1008.4	1002.1	-	25.3	19.5	14.9	18.8	56	-	1.6	-	7.5	0	13	254	29	27	9	1	15	81	69	36	98	0
Dohad	0830	333	1009.9	972.3	-0.2	23.6	17.5	11.5	15.9	52	-11	2.6	-0.4	12.6	0	105	235	3	34	56	33	28	79	93	14	25	0
	1730	"	1005.2	968.9	-0.2	32.1	19.6	8.0	13.1	29	-9	2.3	0	15.0	0	109	250	33	34	11	15	13	101	115	37	6	0
Vallabh Vidyanagar	0830	44	1009.5	1004.5	-	22.2	18.8	16.1	20.2	70	-	2.1	-	5.9	0	2	312	37	71	15	10	19	114	27	21	51	0
	1730	"	1005.8	1000.9	-	33.3	22.6	15.4	19.3	39	-	1.9	-	6.9	0	16	315	53	32	3	5	22	111	41	64	34	0
Baroda (A)	0830	38	1009.8	1005.4	-0.1	24.3	20.0	16.5	21.0	65	0	2.3	-0.6	12.1	0	60	236	43	41	12	23	24	96	42	15	69	0
	1130	"	1009.7	1005.5	-	31.1	22.6	16.9	21.1	47	-	2.2	-	14.7	0	87	236	23	46	40	23	13	88	64	26	42	0
	1730	"	1005.8	1001.6	-0.1	33.1	23.1	16.2	20.5	42	+1	2.1	-0.6	15.1	0	108	207	29	24	5	7	17	99	70	63	50	1
Baroda	0530	34	1008.0	1004.0	-	22.0	18.9	16.3	20.5	72	-	1.5	-	2.4	0	1	209	3	61	5	3	10	103	15	10	155	0
	0830	"	1009.9	1005.9	-0.1	23.7	19.9	16.9	21.3	68	-3	2.2	-0.4	3.1	0	1	271	1	90	3	11	1	127	22	17	93	0
	1130	"	1009.9	1006.1	-	31.8	22.7	16.5	20.8	45	-	2.3	-	4.1	0	1	311	3	99	10	23	3	110	33	31	53	0
	1730	"	1006.1	1002.2	0	33.8	23.5	16.9	21.1	41	-4	1.9	-0.5	4.0	0	2	290	6	55	4	5	3	114	36	69	73	0
	2330	"	1008.6	1004.6	-	25.3	20.6	17.1	21.3	63	-	1.4	-	3.7	0	3	250	2	57	0	1	1	153	21	18	112	0
Broach	0830	17	#	#	-	#	#	#	#	#	-	2.5	-0.3	#	0	2	363	9	94	9	34	17	134	26	42	0	0
	1730	"	#	#	-	#	#	#	#	#	-	1.9	-0.6	#	0	20	345	7	85	2	29	7	153	33	49	0	0
Surat	0530	12	1007.8	1006.5	-	23.2	20.5	18.4	22.5	76	-	1.5	-	7.3	0	0	351	1	126	0	68	0	122	2	32	14	0
	0830	"	1009.9	1008.6	-0.1	24.7	20.9	18.4	22.5	70	-1	2.7	-0.9	6.9	0	0	350	1	115	0	72	4	112	0	46	15	0
	1130	"	1010.2	1008.8	-	30.7	23.0	18.0	22.2	51	-	2.7	-	9.9 (b)	0 (b)	22	336	5 (b)	113	7	35	2	127	6	63	5	0
	1730	"	1006.6	1005.3	0	31.6	23.5	18.5	22.7	50	-3	2.2	-0.9	11.1	0	49	316	0	43	1	8	0	205	1	107	0	0
	2330	"	1008.8	1007.5	-	25.5	21.8	19.5	23.8	71	-	1.5	-	8.5	0	8	351	10	84	0	23	6	178	15	43	6	0
SAURASHTRA AND KUTCH (INCLUDING DIU)																											
Naliya	0830	21	1009.5	1007.0	+0.1	22.0	19.1	16.5	21.5	73	-4	2.8	-0.5	9.4	0	58	265	66	49	13	6	20	129	23	17	42	0
	1730	"	1006.7	1004.3	-0.1	30.1	22.6	17.3	22.2	52	+1	2.6	-0.4	14.7	0	89	276	50	37	0	0	19	170	81	8	0	0
Bhuj (Rudramata)	0230	80	1007.9	998.7	-	22.5	19.2	16.4	20.8	71	-	1.2	-	8.6	0	162	37	18	7	0	3	0	71	88	12	166	0
	0530	"	1007.9	998.6	-	21.0	18.4	16.2	20.6	76	-	1.4	-	6.8	0	24	145	5	4	1	1	0	72	75	11	196	0
	0830	"	1009.5	1000.3	-0.1	22.8	19.3	16.6	20.9	70	+7	2.2	-0.1	10.5	0	80	131	11	7	0	0	1	73	99	20	154	0
	1130	"	1009.6	1000.6	-	29.9	21.4	15.3	19.3	45	-	2.1	-	18.3	0	139	191	46	86	9	2	0	57	91	39	35	0
	1430	"	1007.2	998.2	-	33.0	22.2	14.5	18.5	37	-	2.3	-	19.4	0	165	166	43	68	12	8	3	67	94	36	34	0
	1730	"	1006.2	997.3	0	32.2	22.1	14.9	18.8	40	+4	2.4	+0.2	19.9	0	163	180	56	76	3	2	3	78	95	30	22	0
	2030	"	1007.9	998.8	-	27.3	20.8	16.0	19.9	54	-	1.5	-	14.8	0	99	197	30	32	1	3	1	73	114	42	69	0
	2330	"	1008.8	999.6	-	24.3	19.9	16.3	20.7	64	-	1.2	-	11.5	0	79	163	29	13	0	1	0	71	109	19	123	0
Kandla (A)	0830	35	1009.7	1005.7	-	24.6	18.8	13.7	18.4	55	-	2.0	-	19.6	0	167	175	54	5	2	1	9	131	31	109	23	0
	1130	"	1009.9	1005.9	-	31.0	20.4	11.0	16.3	35	-	2.1	-	22.6	0	210	150	69	46	21	1	16	124	38	45	5	0
	1730	"	1006.3	1002.5	-	33.0	21.1	11.1	16.1	32	-	1.6	-	24.7	0	219	136	65	21	14	4	4	137	32	37	10	0
New Kandla	0830	14	1009.9	1008.3	-0.1	24.0	19.3	15.3	19.7	61	-8	2.8	-0.2	16.0	0	101	260	97	38	2	2	11	63	91	57	4	0
	1730	"	1006.8	1005.2	-0.2	30.9	21.7	15.2	19.2	43	-6	2.3	-0.4	23.7	1	196	160	57	48	9	9	18	110	99	7	8	0

(b) Data for 363 days. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
SAURASHTRA AND KUTCH (INCLUDING DIU) (Contd.)																											
Bhavnagar	0830	9	1009.8	1008.7	+0.2	24.3	20.1	16.7	21.4	66	-11	3.3	+0.4	#	£ 0	£ 120	£ 197	61	51	9	0	3	101	74	44	22	0
	1730	"	1007.2	1006.1	+0.1	28.1	23.7	21.2	26.4	68	-7	2.7	-0.1	#	£ 0	£ 209	£ 125	10	11	0	10	21	150	152	6	5	0
Surendranagar	0830	74	1009.7	1001.2	+0.1	24.7	19.9	16.2	20.5	62	-4	2.7	0	8.5 (c)	0	25	286	50	19	5	2	11	43	118	63	51	0
	1730	"	1005.7	997.5	0	33.8	22.4	14.8	18.2	35	-3	2.7	-0.3	9.1 (a)	0	43	256	55	17	11	2	10	15	151	37	65	1
Okha	0530	7	1008.0	1007.2	-	24.9	22.2	20.5	25.4	78	-	1.6	-	25.4	0	201	163	76	51	7	1	7	85	77	60	1	0
	0830	"	1010.0	1009.2	-	25.5	22.4	20.4	25.4	75	-	2.5	-	21.3	0	204	161	58	63	26	0	9	80	69	60	0	0
	1130	"	1010.7	1009.9	-	27.2	23.0	20.5	25.4	69	-	2.1	-	21.2	0	194	171	39	60	44	1	0	70	86	65	0	0
	1730	"	1007.7	1006.9	-	27.3	23.9	22.1	27.4	75	-	2.2	-	22.1	0	221	144	19	15	9	1	1	71	108	141	0	0
	2330	"	1009.5	1008.7	-	25.6	23.0	21.4	26.5	79	-	1.2	-	21.9	0	204	159	72	18	0	0	3	90	88	92	2	0
Jamnagar (A)	0530	23	1008.3	1005.6	-	20.7	18.9	17.5	21.7	83	-	1.5	-	12.5	0	62	254	16	32	19	12	46	121	55	15	49	0
	0830	"	1009.6	1007.0	-0.5	23.5	20.2	17.9	22.3	72	+2	2.3	-0.8	15.3	0	120	207	18	33	40	16	26	105	65	24	38	0
	1130	"	1009.9	1007.4	-	29.4	22.3	17.7	21.8	52	-	2.2	-	21.3	0	199	163	53	85	25	2	1	30	121	43	3	2
	1730	"	1006.9	1004.4	+0.3	30.1	22.6	17.7	21.9	51	+1	2.0	-0.5	23.9	0	235	128	86	42	4	0	2	18	129	81	2	1
	2330	"	1009.0	1006.4	-	23.8	21.3	19.7	23.8	78	-	1.2	-	15.2	0	94	256	40	31	9	4	10	98	116	42	15	0
Dwarka	0830	11	1009.8	1008.5	-0.3	#	#	-	-	-	-	2.3	-0.9	15.9	0	131	231	97	40	13	0	4	40	148	20	3	0
	1730	"	1007.4	1006.1	-0.2	#	#	-	-	-	-	2.1	-0.7	19.2	0	180	184	51	15	4	0	2	45	197	50	1	0
Rajkot	0530	138	1008.1	992.3	-	20.8	17.6	14.4	18.8	70	-	1.5	-	10.7	0	85	182	8	31	18	3	17	109	45	36	98	0
	0830	"	1009.7	994.0	-0.2	23.5	19.2	15.5	20.0	65	-2	1.4	-1.4	15.9	0	151	149	12	38	27	3	5	106	51	54	65	4
	1130	"	1009.4	994.1	-	30.9	21.9	15.7	19.8	44	-	1.4	-	22.9	0	224	133	30	65	59	9	2	49	66	69	8	8
	# 1430	"																									
	1730	"	1005.8	990.6	-0.1	32.8	22.0	14.2	18.3	38	+3	1.4	-1.5	25.7	2	232	125	30	96	18	1	3	41	57	107	6	6
Bhavnagar (A)	0830	11	1009.9	1008.7	-0.2	24.9	19.1	14.4	18.4	55	-1	2.3	-0.4	14.9	0	97	238	42	9	1	2	10	92	67	105	30	7
	1130	"	1010.0	1008.9	-	30.8	21.3	14.5	18.1	41	-	2.5	-	18.3	0	148	210	41	101	46	25	7	63	47	24	7	4
	1730	"	1006.2	1005.0	-0.3	32.8	21.7	13.5	17.4	36	-3	2.6	-0.5	24.0	1	203	159	16	77	53	57	81	58	18	2	2	1
Porbander (A)	0830	7	1009.7	1008.9	+0.1	25.0	20.6	17.1	21.7	66	-11	2.4	-0.5	13.3	0	95	244	33	47	12	23	12	90	40	82	26	0
	1130	"	1010.1	1009.3	-	30.7	22.2	15.8	20.3	47	-	2.0	-	19.0	0	193	171	34	69	35	7	9	113	54	36	1	7
	1730	"	1007.1	1006.3	-0.1	29.8	22.8	18.0	22.5	55	-12	2.1	-1.2	22.9	0	288	77	26	12	0	0	6	121	183	17	0	0
Keshod	0830	51	1009.7	1003.9	-0.3	24.1	19.2	14.7	19.4	60	-8	2.3	-0.5	15.4	0	94	266	36	122	41	5	7	57	73	19	5	0
	1130	"	1009.9	1004.1	-	30.7	20.7	12.7	17.1	39	-	2.3	-	22.7	1	209	155	49	98	34	2	6	61	79	36	0	0
	1730	"	1006.7	1001.0	-0.4	31.8	21.4	12.9	17.6	39	-7	2.2	-0.4	26.1	0	284	80	31	17	5	3	10	107	166	25	1	0
Mahuva	0830	9	1009.1	1008.1	-	24.1	20.3	17.4	21.7	69	-	2.7	-	3.8	0	0	302	65	53	15	6	15	44	62	42	63	0
	1730	"	1006.6	1005.6	-	30.4	#	-	-	-	-	2.8	-	7.7	0	14	331	3	19	29	81	46	149	15	3	20	0
Veraval	0230	8	1008.1	1007.2	-	23.6	20.7	18.3	23.0	75	-	1.7	-	16.9	0	132	215	96	60	7	1	3	50	73	57	18	0
	0530	"	1007.9	1007.0	-	22.9	19.8	17.1	21.5	73	-	2.2	-	17.4	0	131	213	109	70	2	1	1	51	60	50	21	0
	0830	"	1009.7	1008.8	-0.4	24.5	20.5	17.2	21.8	67	-2	2.5	-0.6	16.9	0	135	208	76	89	13	3	3	37	70	52	22	0
	1130	"	1010.1	1009.2	-	29.7	23.4	18.9	23.8	57	-	2.2	-	20.0	0	192	170	27	44	13	12	27	78	127	34	3	0
	1430	"	1007.8	1006.9	-	29.7	24.7	21.9	27.3	65	-	2.3	-	23.5	0	253	112	7	9	0	10	32	111	163	33	0	0
	1730	"	1007.2	1006.3	0.0	28.3	24.7	22.8	28.3	73	-2	2.5	-0.2	22.3	0	230	135	3	4	0	8	32	89	175	54	0	0
	2030	"	1008.6	1007.7	-	26.5	23.6	22.0	27.0	77	-	1.7	-	18.2	0	163	181	27	9	2	4	9	69	136	88	21	0
	2330	"	1009.3	1008.4	-	24.9	22.0	20.2	24.9	77	-	1.7	-	16.5	0	136	212	72	42	8	3	4	55	84	80	17	0
KONKAN (INCLUDING GOA)																											
Dahanu	0830	5	1009.9	1009.3	+0.3	24.8	21.7	19.7	23.9	75	-2	#	-	11.1 (c)	1	44	316	18	20	115	78	13	65	40	12	3	0
	1730	"	1007.3	1006.8	+0.4	28.6	25.0	23.2	28.9	73	-2	#	-	15.1 (c)	0	88	274	90	4	9	0	16	104	65	74	0	0
Bombay (Santacruz)	0230	14	1008.2	1006.5	-	24.3	21.8	20.3	24.5	79	-	2.7	-	6.1	0	27	184	23	34	29	9	14	41	44	17	154	0
	0530	"	1008.1	1006.5	-	23.7	21.4	20.0	24.0	81	-	2.8	-	6.1	0	28	189	12	36	54	11	11	43	40	10	148	0

(c) Data for 362 days. (a) Data for 364 days. # Data not available for complete year, hence no annual means. (A) Aerodrome. £ Data for 339 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
KONKAN (INCLUDING GOA)(Contd.)																											
Bombay (Santacruz) (Contd.)	0830	14	1010.0	1008.3	0	26.0	22.2	19.9	24.1	71	-1	3.8	0	7.2	0	30	226	11	30	71	27	12	36	49	20	109	0
	1130	"	1010.1	1008.5	-	29.6	23.4	19.1	23.3	55	-	3.7	-	13.1	0	76	253	17	28	35	36	8	51	86	68	36	0
	1430	"	1007.8	1006.1	-	31.0	23.9	19.9	24.2	55	-	3.5	-	16.7	0	116	240	13	10	6	7	1	46	116	156	9	1
	1730	"	1007.1	1005.5	-0.1	29.3	23.6	20.5	24.7	61	-1	3.5	0	16.2	0	104	258	46	3	1	0	2	41	83	186	3	0
	2030	"	1008.7	1007.1	-	26.8	23.1	21.1	25.4	72	-	2.7	-	9.9	0	34	275	89	9	3	3	3	47	59	96	56	0
	2330	"	1009.4	1007.7	-	25.4	22.4	20.6	24.8	76	-	2.7	-	6.6	0	26	210	30	28	30	5	10	60	42	31	129	0
Bombay	0830	11	1009.9	1008.7	-0.1	26.2	23.2	21.7	26.3	77	0	3.5	0	8.5	0	16	339	36	56	86	39	8	39	56	31	10	4
	1130	"	1010.2	1009.0	-	29.8	24.2	21.3	25.9	62	-	3.0	-	9.0	0	15	344	15	31	75	36	15	41	79	59	6	8
	1730	"	1007.2	1006.0	-0.2	28.9	24.3	22.0	26.8	67	-4	3.1	0	13.1	0	53	311	24	2	0	0	4	41	107	186	1	0
Alibag	0830	7	1009.8	1009.0	-0.6	25.8	23.2	21.7	26.6	79	+2	3.6	+0.1	8.3	0	53	233	34	56	59	30	24	41	10	16	79	16
Bhira	0830	96	1009.6	998.7	-	24.7	21.1	18.7	22.7	73	-	3.4	-	1.9	0	1	155	6	13	20	40	16	33	17	11	209	0
	1730	"	1005.9	995.2	-	31.2	23.7	19.4	23.4	55	-	3.6	-	2.5	0	0	241	6	8	1	10	4	147	32	33	124	0
Harnai	0830	20	1009.9	1007.6	+0.1	26.6	23.5	21.8	26.5	76	+2	4.5	+0.5	11.5	0	75	242	43	38	74	28	38	15	50	27	48	4
	1730	"	1007.4	1005.1	+0.1	28.2	25.3	23.9	29.9	78	+1	4.0	+0.2	23.2	1	200	163	121	1	2	1	14	13	78	129	1	5
Ratnagiri	0830	35	1009.9	1005.9	-0.1	25.6	22.8	21.2	25.7	78	+2	3.9	0	7.5	0	30	284	2	23	98	76	2	19	44	25	51	25
	1730	"	1007.2	1003.2	-0.2	28.9	24.6	22.5	27.6	69	-2	3.5	-0.4	11.6 (a)	0	47	310	3	1	5	2	2	37	175	127	7	5
Devgarh	0830	36	1009.9	1005.9	-0.2	25.5	23.3	22.1	26.9	82	+2	4.0	-0.3	12.8	0	66	287	19	69	127	23	9	13	53	40	12	0
	1730	"	1007.3	1003.3	-0.1	29.0	25.2	23.3	29.0	73	0	3.6	-0.5	21.7 (a)	0	180	183	4	1	2	4	6	22	113	211	1	0
Vengurla	0230	9	1008.9	1007.9	-	24.0	22.6	21.9	26.5	88	-	3.1	-	1.8	0	0	122	47	9	4	2	2	20	26	12	243	0
	0530	"	1008.5	1007.5	-	23.3	22.2	21.6	26.1	90	-	3.4	-	2.8	0	2	173	95	12	9	4	2	13	29	11	190	0
	0830	"	1010.5	1009.5	-0.1	25.0	22.9	21.7	26.3	82	+3	3.6	-0.5	3.2	1	0	216	87	16	21	8	7	24	33	21	148	0
	1130	"	1010.5	1009.5	-	29.6	24.2	21.3	25.9	63	-	3.4	-	6.7	1	6	329	22	18	22	16	43	103	90	22	29	0
	1730	"	1007.6	1006.6	-0.1	28.7	24.5	22.4	27.3	70	0	4.0	-0.1	7.4	0	5	346	11	4	4	2	15	60	197	58	14	0
	2330	"	1010.0	1009.0	-	24.9	23.2	22.4	27.3	86	-	3.3	-	3.0	0	1	190	81	11	4	4	3	28	23	37	174	0
Panjim	0530	60	1008.3	1001.5	-	24.0	22.6	21.8	26.3	88	-	3.7	-	8.1	0	11	313	27	57	127	30	6	14	37	26	41	0
	0830	"	1010.2	1003.3	-	24.9	22.8	21.7	26.2	83	-	4.6	-	7.7	0	17	297	22	77	99	32	8	14	30	32	51	0
	1130	"	1010.3	1003.5	-	29.2	23.8	20.8	25.2	63	-	4.3	-	10.5	0	28	313	18	30	39	26	16	33	129	50	24	0
	1430	"	1007.9	1001.2	-	30.2	24.4	21.4	26.0	62	-	4.0	-	15.2	0	97	265	4	7	11	13	5	45	210	67	3	0
	1730	"	1007.3	1000.5	-	28.6	24.1	21.9	26.4	68	-	4.4	-	14.4	0	68	294	20	8	8	1	7	23	164	131	3	0
	2030	"	1009.1	1002.3	-	26.5	23.7	22.3	27.1	78	-	3.7	-	9.4	0	21	320	78	25	15	7	9	30	44	133	24	0
	2330	"	1009.8	1003.0	-	25.6	23.3	22.1	26.8	82	-	3.5	-	7.5	0	10	312	81	68	32	14	8	22	34	63	43	0
Marmugao	0530	62	1007.7	1000.7	-	25.1	23.2	22.2	27.0	84	-	3.8	-	14.3	1	80	278	43	82	69	45	12	36	46	26	6	0
	0830	"	1009.5	1002.6	-0.9	26.3	23.5	22.1	26.8	79	+3	4.3	+0.4	12.4	1	56	300	39	76	77	25	30	40	43	27	8	0
	1130	"	1009.6	1002.7	-	28.5	24.1	21.8	26.6	69	-	3.9	-	14.1	2	71	289	20	33	30	17	29	69	85	79	3	0
	1730	"	1006.7	999.8	-0.8	28.3	24.6	22.7	27.9	73	0	4.2	+0.3	17.7	0	119	246	7	9	5	7	16	69	138	113	0	1
Dabolim (N.A.S.)	0530	52	1008.5	1002.6	-	24.4	22.8	22.0	26.7	87	-	4.2	-	#	0	36	197	22	56	58	14	6	5	49	23	132	0
	0830	"	1010.3	1004.5	-	25.9	23.2	21.6	26.2	78	-	4.6	-	#	1	44	239	33	55	66	26	21	8	42	33	81	0
	1130	"	1010.5	1004.7	-	29.0	23.9	21.2	25.7	65	-	4.3	-	#	1	105	246	32	15	26	28	23	64	80	84	13	0
	1730	"	1007.4	1001.6	-	28.6	24.3	22.1	26.9	69	-	4.4	-	#	0	163	197	51	4	4	3	3	23	111	161	5	0
	2330	"	1009.9	1004.1	-	26.1	23.8	22.6	27.7	81	-	4.2	-	#	0	38	247	86	67	20	10	6	8	45	43	80	0
MADHYA MAHARASHTRA																											
Nandurbar	0830	206	1009.9	986.5	-0.2	25.1	19.5	14.9	18.7	58	-4	0.9	-2.0	10.8	0	70	270	7	14	92	11	5	98	102	11	25	0
	1730	"	1005.5	982.9	0	32.5	21.6	13.7	17.0	37	-7	0.7	-2.3	10.7	0	51	284	25	9	57	5	8	63	138	30	30	0
Jalgaon	0830	201	1010.0	987.1	+0.3	23.6	18.2	13.4	17.5	57	-6	3.3	+0.6	12.7	0	65	273	2	18	73	43	13	31	100	58	27	0
	1730	"	1005.1	983.0	+0.1	33.4	21.1	11.5	15.4	33	-2	3.7	+0.6	15.5	1	115	226	30	36	59	17	4	14	98	84	23	0
Malegaon	0830	437	1010.2	961.1	+0.1	23.1	17.8	13.5	16.7	58	+1	3.5	+0.6	6.8	0	4	344	30	9	11	10	10	56	120	102	17	0

(a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
MADHYA MAHARASHTRA (Contd.)																											
Malegaon (Contd.)	1730	437	1004.9	957.4	0	31.7	20.5	11.9	15.2	36	-1	4.2	+0.5	10.5	0	35	327	47	68	38	24	12	21	70	82	3	0
Ozar	# 0530	608																									
	# 0830	"																									
	1130	"	1008.7	942.6	-	28.8	19.9	13.8	17.0	45	-	-	-	-	#	-	-	-	-	-	-	-	-	-	-	-	-
	# 1430	"																									
	# 1730	"																									
Ahmednagar	0830	657	1010.4	937.6	+0.3	23.3	17.4	13.2	16.4	58	-1	4.4	+1.3	5.4	0	3	265	29	24	0	28	13	62	17	95	97	0
	1730	"	1004.4	934.0	+0.1	30.9	20.2	12.9	15.9	39	0	4.8	+1.0	11.1	0	46	305	7	102	4	41	1	87	7	100	14	2
Poona (A)	0230	593	1008.8	942.5	-	21.2	17.5	14.8	17.8	70	-	2.5	-	9.9	0	39	216	1	13	17	2	1	48	159	14	110	0
	0530	"	1008.9	942.4	-	19.9	16.9	14.5	17.5	73	-	2.5	-	8.4	0	32	195	3	19	14	0	2	41	138	10	138	0
	0830	"	1010.2	944.1	-	22.0	17.8	14.7	17.8	66	-	3.6	-	10.9	0	79	170	2	21	35	2	1	48	131	8	116	1
	1130	"	1008.8	944.1	-	28.3	19.5	13.1	16.5	44	-	3.5	-	17.5	0	148	187	3	33	107	21	5	49	94	15	30	8
	1730	"	1005.1	940.9	-	29.5	19.8	12.5	16.1	42	-	4.0	-	21.3	0	214	134	6	23	55	18	5	59	162	18	17	2
	2330	"	1009.4	943.5	-	22.7	18.3	15.0	13.1	65	-	2.5		13.8	0	72	253	4	15	18	5	0	54	210	18	40	1
Poona	0530	559	1009.3	946.3	-	18.9	16.4	14.5	17.4	77	-	2.8	-	2.6	0	1	108	0	0	9	1	0	8	91	0	256	0
	0830	"	1010.6	948.1	0	22.2	18.2	15.4	18.4	68	+3	3.6	+0.3	3.9	0	6	154	1	3	19	6	1	5	112	13	205	0
	1130	"	1008.9	947.9	-	28.7	20.0	14.2	17.3	46	-	3.6	-	9.1	0	29	298	11	24	104	28	3	10	122	25	38	0
	1430	"	1005.7	945.3	-	31.0	20.5	13.4	16.6	40	-	4.2	-	10.8	0	44	294	11	24	76	26	6	15	155	25	27	0
	1730	"	1005.4	944.7	0	29.6	20.2	13.9	17.0	44	-2	4.1	+0.3	10.6	0	53	255	7	15	44	14	0	12	182	34	57	0
	2030	"	1008.5	946.7	-	24.8	19.2	15.4	18.3	59	-	2.9	-	6.9	0	13	236	2	2	6	1	1	13	198	25	116	0
	2330	"	1009.7	947.3	-	22.2	18.2	15.3	18.2	67	-	2.8	-	4.0	0	8	148	0	1	8	0	0	6	139	2	209	0
Jeur	0830	521	1010.0	951.8	0	23.0	18.1	14.5	17.6	62	-4	3.7	+0.7	6.7	0	17	279	52	30	26	9	14	22	72	71	69	0
	1730	"	1004.1	947.9	0	31.9	20.4	12.6	15.7	36	-5	4.2	+0.3	13.5	0	80	281	33	29	75	22	16	18	107	61	4	0
Baramati	0830	551	1010.3	949.0	+0.2	23.0	19.0	16.5	19.5	68	+3	2.7	-0.5	(a) 8.2	0	12	345	59	10	43	18	27	36	103	61	7	0
	1730	"	1004.7	945.2	+0.2	30.9	22.1	17.1	20.3	48	+5	3.2	-0.8	13.5	0	104	250	21	20	56	45	32	22	121	37	11	0
Sholapur	0530	479	1008.7	955.0	-	22.0	17.9	14.9	17.9	68	-	3.0	-	4.5	0	4	255	24	33	36	38	6	39	46	37	106	0
	0830	"	1010.3	957.0	+0.2	24.8	19.3	15.7	18.8	60	+1	3.0	-0.2	6.8	0	3	339	35	79	8	72	5	52	49	42	23	0
	1130	"	1008.7	956.5	-	30.4	21.1	15.5	18.5	45	-	3.5	-	10.5	0	34	310	42	37	24	86	31	44	47	33	21	0
	# 1430	"																									
	1730	"	1004.5	952.7	+0.1	32.0	21.0	14.1	17.0	39	+1	4.2	0	(a) 6.7	0	9	333	51	38	56	27	31	63	50	26	22	0
	2330	"	1008.8	955.7	-	25.3	19.0	14.7	17.5	56	-	3.0	-	(a) 6.0	0	11	320	27	46	54	48	18	38	68	32	33	0
Miraj	0830	554	1010.8	949.1	+0.3	22.5	19.1	16.9	2.0	72	+1	4.4	+0.9	-	E 0	1	139	0	0	24	4	1	3	99	9	225	0
	1730	"	1005.4	945.5	+0.3	30.2	21.4	16.2	19.1	46	-2	4.7	+0.5	-	E 0	17	236	4	3	60	7	1	7	162	9	112	0
Kolhapur	0530	570	1008.9	945.0	-	20.1	18.2	16.8	19.8	83	-	3.2	-	#	0	6	208	2	2	43	4	1	11	141	10	151	0
	0830	"	1010.3	946.8	-0.1	22.1	19.0	16.9	20.0	74	+2	3.5	-0.2	#	0	5	232	1	14	62	8	3	14	115	19	128	1
	1130	"	1009.0	946.7	-	28.2	20.7	16.0	19.1	52	-	3.3	-	#	0	20	308	16	19	110	23	3	13	94	47	37	3
	1730	"	1005.4	943.6	0	28.8	21.2	16.6	19.7	53	+2	3.7	-0.4	#	0	79	264	4	14	78	15	3	16	169	43	22	1
	2330	"	1009.6	946.2	-	22.5	19.4	17.6	20.5	76	-	2.7	-	#	0	15	282	3	2	51	2	4	4	218	13	68	0
Udgiri @	# 0830																										
	# 1730																										
MARATHWADA																											
Aurangabad	0830	581	1010.3	945.9	0	24.0	17.9	12.9	16.5	56	-4	3.4	+0.1	8.4	0	55	203	15	17	78	3	4	28	107	6	107	0
	1730	"	1004.9	942.3	0	30.8	19.6	11.3	14.9	37	-4	4.0	+0.1	11.1	0	58	273	22	35	47	25	14	31	114	43	34	0
Aurangabad (Chikalthan)	0230	579	1008.5	943.7	-	20.5	15.8	11.7	15.0	61	-	2.8	-	7.7	0	30	172	15	5	13	5	0	7	126	31	163	0
	0530	"	1008.9	943.8	-	19.1	15.2	11.7	15.0	65	-	3.1	-	6.5	0	20	168	7	4	18	3	0	7	126	23	177	0

@ Observatory started functioning from May 1966. (a) Data for 364 days. E - Estimated. # Data not available for complete year, hence no annual means. (A) Aerodrome.

Table III - Summary of Observations at Fixed Hours for the year 1966

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 (Chikalthan)(Contd.	0830	579	1009.8	945.6	+0.1	23.8	17.6	12.9	16.1	55	-5	3.5	+0.4	10.6	0	48	204	20	11	36	19	1	13	116	36	113	0
	1130	"	1008.5	945.5	-	29.1	19.3	12.2	15.5	40	-	3.4	-	18.2	0	120	232	35	27	60	67	12	18	88	45	13	0
	1430	"	1005.2	942.8	-	31.4	19.7	11.3	14.6	34	-	4.1	-	16.5	0	99	258	32	42	49	47	13	23	94	57	8	0
	1730	"	1004.5	941.9	0	30.6	19.5	11.5	14.8	36	-7	4.2	+0.2	15.2	0	83	264	37	41	43	38	3	23	111	51	18	0
	2030	"	1007.8	943.9	-	25.0	17.6	11.8	15.1	49	-	3.1	-	10.0	0	56	190	53	23	19	7	1	3	102	38	119	0
	2330	"	1009.1	944.6	-	22.3	16.5	11.8	15.1	56	-	2.9	-	9.0	0	42	180	23	13	25	3	1	5	110	42	143	0
Parbhani	0830	423	1010.4	963.0	+0.2	24.1	18.1	12.9	16.3	55	-3	3.1	-0.1	7.1	0	21	266	15	37	20	21	6	14	101	73	78	0
	1730	"	1004.8	958.9	+0.2	32.2	20.6	11.2	14.9	34	-5	4.0	0	9.1	0	33	293	42	58	46	25	9	13	82	51	39	0
Nander	0830	358	1009.9	969.8	-	25.3	19.7	15.8	18.9	59	-	2.6	-	#	0	0	223	6	22	11	22	11	63	51	37	142	0
	1730	"	1005.3	966.2	-	32.2	22.3	16.1	19.1	43	-	3.5	-	#	0	2	286	20	46	17	53	15	68	38	31	77	0
Bir	0830	519	1010.7	952.9	-	23.4	18.7	15.5	18.4	64	-	2.6	-	6.4 (a)	0	8	273	1	32	0	34	2	80	0	132	84	0
	1730	"	1005.1	949.0	-	31.5	21.2	14.9	17.8	41	-	2.6	-	7.9	0	13	334	2	130	1	33	0	55	1	125	17	0
VIDARBHA																											
Gondia	0830	313	1009.5	974.4	+0.2	25.1	19.4	15.2	18.7	59	-6	2.7	-0.7	2.7	0	0	286	66	33	12	19	25	49	26	44	79	12
	1730	"	1004.9	970.6	+0.1	31.0	21.4	14.3	17.9	43	-2	2.9	-0.8	2.6	0	0	259	82	7	12	5	38	46	45	23	106	1
Bhandara $	0830																										
	1730																										
Nagpur (Sonegaon)	0230	310	1007.1	972.1	-	22.8	17.9	13.7	17.2	61	-	3.1	-	4.4	0	5	267	65	23	8	10	7	32	41	86	93	0
	0530	"	1007.8	972.5	-	21.4	17.3	13.7	17.2	66	-	3.4	-	4.2	0	3	259	64	14	10	5	10	25	43	91	103	0
	0830	"	1009.5	974.6	+0.1	25.5	19.0	13.9	17.4	54	-7	3.3	-0.2	7.4	0	25	282	70	42	24	12	12	28	49	70	58	0
	1130	"	1008.2	974.1	-	31.4	21.1	13.5	17.1	40	-	3.4	-	8.9	0	31	301	32	45	50	30	22	31	51	71	33	0
	1430	"	1005.0	971.2	-	33.3	21.4	12.6	16.3	34	-	4.3	-	8.5	0	29	318	41	40	36	39	27	33	59	71	18	1
	1730	"	1004.6	970.6	+0.1	31.5	20.9	13.0	16.5	39	-5	4.3	+0.2	7.8	0	27	286	24	40	64	32	20	25	48	60	52	0
	2030	"	1007.2	972.5	-	26.3	19.3	13.9	17.3	52	-	3.2	-	4.5	0	5	269	22	29	46	42	31	23	32	49	91	0
	2330	"	1007.9	973.0	-	24.4	18.6	13.8	17.2	57	-	3.2	-	4.9	0	6	274	52	29	15	6	20	34	54	70	85	0
Amraoti	0830	370	1009.3	967.9	0	25.5	18.9	13.3	17.1	52	-3	3.0	-0.3	4.3	0	1	341	22	87	49	10	11	49	79	35	23	0
	1730	"	1004.4	964.2	+0.2	32.4	21.0	12.4	16.0	35	-5	3.4	-0.8	4.2	0	0	359	38	44	43	38	17	44	75	60	6	0
Akola (A)	0530	309	1007.5	972.3	-	21.9	16.6	11.3	15.4	57	-	3.0	-	8.3	0	8	340	9	44	56	19	24	48	98	50	17	0
	0830	"	1009.1	974.2	-	24.5	18.1	12.4	16.3	52	-	3.5	-	8.5	0	8	346	16	51	44	22	17	36	95	73	11	0
	1130	"	1008.2	974.1	-	30.7	20.4	12.3	16.0	39	-	3.4	-	9.7	0	9	352	21	65	41	15	15	30	92	81	4	1
	1430	"	1004.8	971.1	-	33.5	20.9	10.9	14.8	31	-	4.1	-	10.1	0	19	343	36	52	30	22	16	37	73	95	3	1
	1730	"	1003.9	970.2	-	32.7	20.5	10.6	14.5	33	-	4.1	-	9.6	0	20	341	36	65	25	11	10	26	84	102	4	2
	2030	"	1006.2	971.9	-	28.4	19.0	10.8	14.9	41	-	3.3	-	8.5	0	28	325	26	40	43	32	21	29	74	88	12	0
	2330	"	1007.3	972.6	-	25.7	18.2	11.5	15.3	47	-	3.0	-	9.4	0	20	330	15	41	43	34	31	41	76	68	15	1
Akola	0830	282	1009.7	977.9	+0.3	24.5	18.6	13.9	17.3	56	-2	3.0	+0.1	1.5	0	0	187	1	14	18	6	0	7	129	12	178	0
	1730	"	1004.2	973.5	0	33.2	21.4	12.8	16.1	34	-4	4.1	+0.8	2.1	0	1	276	1	58	25	19	1	43	64	66	88	0
Wardha $$	0830	283																									
	1730	"																									
Bramhapuri	0830	229	1009.6	983.7	-0.2	24.2	19.8	16.7	20.3	67	-3	3.4	-0.2	4.1	0	2	324	64	39	16	32	52	49	40	34	39	0
	1730	"	1005.0	979.8	-0.3	32.2	22.1	15.3	18.7	42	-5	3.7	0	5.6	0	1	337	67	57	28	27	37	47	36	39	27	0
Buldana	0830	650	1009.4	937.5	+0.2	23.4	17.5	12.5	16.1	57	-4	3.2	-0.2	10.3	0	34	297	20	9	20	39	40	55	19	129	34	0
	1730	"	1004.3	934.3	0	29.8	19.3	11.7	14.9	39	-5	4.1	+0.2	6.6	0	9	335	36	84	9	28	4	31	3	149	21	0
Yeotmal	0830	451	1009.0	958.9	+0.1	25.7	19.1	13.7	17.2	53	-6	3.6	0	11.8	0	61	287	29	44	62	14	25	29	108	37	17	0
	1730	"	1004.2	955.2	-0.1	31.4	20.8	12.8	16.3	38	-7	4.2	+0.1	9.1	0	35	326	60	58	59	16	22	27	94	25	4	0

$ Observatory started functioning from 13.4.1966. $$ Observatory started functioning from 26.5.1966. # Data not available for complete year, hence no annual means.
(A) Aerodrome. (a) Data for 364 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
VIDARBHA (Contd.)																											
Chandrapur	0830	193	1009.3	987.4	-0.2	24.8	19.9	16.5	19.9	64	-2	3.4	+0.1	7.0	0	17	325	39	37	41	26	32	30	58	79	23	0
	1730	"	1004.7	983.4	-0.2	32.1	21.9	14.7	18.3	42	-6	(a) 4.2	+0.4	(a) 7.1	0	18	333	48	64	68	28	28	23	37	54	13	1
Pusad	0830	334	1010.3	972.7	-	24.6	18.7	14.2	17.4	57	-	#	-	(e) 7.4	0	13	296	19	24	6	17	2	91	30	120	51	0
	1730	"	#	#	-	32.5	21.9	14.2	17.5	39	-	#	-	(e) 7.2	0	10	317	9	139	14	37	8	72	7	41	33	0
Sironcha	0830	123	1010.1	996.1	+0.2	25.8	21.6	19.1	22.8	69	-3	3.6	0	2.1	0	0	281	12	43	10	106	4	49	1	56	84	0
	1730	"	1005.3	991.6	0	32.5	23.1	17.3	20.9	46	-2	3.8	-0.1	2.1	0	0	289	12	47	25	70	10	57	3	65	76	0
COASTAL ANDHRA PRADESH																											
Kalingapatam	0830	6	1009.4	1008.8	+0.2	26.6	24.1	22.9	28.5	80	-1	3.4	-0.9	(c) 10.7	(c) 0	56	299	(c) 53	16	1	8	57	72	20	64	7	64
	1730	"	1007.0	1006.3	+0.9	28.0	25.0	23.4	29.5	77	+3	3.4	-1.3	(g) 13.5	(e) 0	88	271	(e) 28	18	8	21	89	84	3	11	1	97
Vishakhapatnam	0230	3	1007.4	1007.0	-	25.1	23.4	22.5	27.7	86	-	3.1	-	4.2	0	17	150	11	15	7	3	5	55	33	38	198	0
	0530	"	1007.8	1007.4	-	24.5	22.9	22.1	27.0	87	-	4.0	-	4.8	0	20	151	18	14	7	1	1	61	39	29	194	1
	0830	"	1009.5	1009.1	+0.2	27.5	24.0	22.1	27.1	71	-6	4.0	-0.1	7.9	0	41	210	18	29	11	8	9	104	39	32	114	1
	1130	"	1008.7	1008.3	-	31.1	24.8	21.6	26.5	59	-	4.1	-	14.3	0	93	251	10	32	41	47	46	118	35	9	21	6
	1430	"	1006.3	1005.9	-	31.3	25.1	22.1	27.1	60	-	3.9	-	19.1	0	182	178	3	14	57	76	65	123	15	4	5	3
	1730	"	1006.4	1006.0	+0.2	28.6	24.6	22.6	27.8	71	-8	4.4	0	13.3	0	87	265	4	13	61	64	57	126	20	6	13	1
	2030	"	1008.5	1008.1	-	26.7	24.3	23.0	28.6	80	-	3.3	-	6.4	0	17	219	10	25	43	12	20	79	23	23	129	1
	2330	"	1008.7	1008.3	-	25.9	23.9	22.9	28.3	84	-	3.3	-	4.7	0	11	181	10	21	13	7	5	65	33	37	173	1
Kakinada	0830	8	1009.7	1008.8	-0.1	27.3	24.0	22.4	27.5	72	-3	3.8	-0.1	9.3	0	11	341	8	97	5	64	1	134	4	39	13	0
	1730	"	1006.1	1005.2	-0.1	29.9	24.9	22.6	27.5	63	-6	3.7	+0.2	13.9	0	28	336	1	52	18	174	17	84	1	17	1	0
Nidadavole	0830	12	1009.7	1008.3	-0.3	26.6	23.7	22.5	27.6	79	-1	4.3	-0.9	6.5	0	11	340	60	75	40	12	17	63	53	30	14	1
	1730	"	1005.9	1004.6	-0.3	30.3	24.4	21.2	25.7	60	-3	4.1	-1.0	6.5	0	1	348	6	15	71	77	54	75	26	25	16	0
Rentachintala	0830	106	1009.6	997.6	+0.1	26.9	22.6	20.3	24.1	69	+1	3.7	-0.7	1.6	0	0	238	3	0	22	0	62	2	149	0	127	0
	1730	"	1005.3	993.6	+0.3	33.2	23.3	17.5	20.5	44	+1	4.1	-0.6	1.5	0	0	225	8	1	28	0	46	0	140	2	140	0
Gannavaram	0230	24	1007.3	1004.6	-	24.9	23.3	22.5	27.6	87	-	3.3	-	6.6	0	18	227	40	15	56	11	41	35	31	16	120	0
	0530	"	1007.8	1005.1	-	24.4	23.0	22.1	27.2	88	-	4.1	-	6.8	0	11	231	37	12	82	7	21	33	38	12	123	0
	0830	"	1009.8	1007.1	+0.1	27.3	24.0	22.3	27.2	75	+1	4.3	+0.1	10.4	0	38	285	26	27	84	27	38	34	71	16	42	0
	1130	"	1009.0	1006.3	-	31.3	24.3	20.7	24.9	55	-	4.1	-	13.2	0	78	280	23	9	87	49	55	26	63	46	7	0
	1430	"	1006.1	1003.4	-	33.1	24.3	19.4	23.3	48	-	4.3	-	14.0	0	67	291	24	11	80	68	59	22	50	44	7	0
	1730	"	1005.9	1003.1	-0.1	31.2	24.1	20.2	24.3	56	0	4.1	-0.1	12.5	0	65	288	20	8	59	91	90	13	34	38	12	0
	2030	"	1008.1	1005.5	-	27.3	23.8	22.1	26.8	75	-	2.9	-	8.0	0	11	287	13	4	68	59	100	19	22	13	67	0
	2330	"	1008.7	1006.0	-	25.6	23.6	22.5	27.6	83	-	3.1	-	6.9	0	19	245	14	7	76	24	71	37	26	9	101	0
Nagarjunakonda	# 0830	126																									
	# 1730	"																									
Masulipatam	0830	3	1009.7	1009.4	0	26.7	24.0	22.7	27.9	79	+1	5.3	+1.4	(a) 3.2	(a) 0	0	326	(a) 50	43	47	11	63	54	31	22	38	5
	1730	"	1006.3	1006.0	0	29.6	24.8	22.5	27.6	67	-2	5.0	+1.5	4.7	0	0	356	16	8	122	64	23	53	27	11	9	32
Ongole	0830	12	1009.7	1008.4	-0.1	28.9	24.9	23.0	28.4	71	-5	4.2	+0.3	4.2	0	0	365	24	90	18	83	0	8	116	26	0	0
	1730	"	1006.0	1004.8	0	30.5	25.7	23.4	29.0	68	-1	3.4	-0.4	(a) 4.0	(a) 0	0	364	(a) 5	65	72	146	1	6	52	17	0	0
Nellore	0530	20	1007.9	1005.7	-	25.2	23.8	23.2	28.5	89	-	5.2	-	1.9	0	4	140	0	16	5	34	0	36	39	14	221	0
	0830	"	1009.6	1007.4	-0.2	27.8	24.8	23.4	29.0	78	+5	5.6	+1.2	(a) 3.1	(a) 0	7	321	(a) 3	45	6	80	1	66	60	67	36	0
	1130	"	1009.2	1007.0	-	31.8	25.6	22.8	28.0	61	-	5.0	-	8.0	0	13	345	7	75	21	77	6	46	71	53	9	0
	# 1430	"																									
	1730	"	1006.4	1004.2	+0.2	30.9	25.9	23.7	29.5	68	+7	5.6	+1.2	8.7	0	3	362	2	123	10	103	0	98	7	22	0	0
	2330	"	1008.8	1006.6	-	26.7	24.8	23.9	29.9	86	-	5.0	-	3.1	0	3	219	3	33	14	59	4	60	38	11	143	0

(a) Data for 364 days. (c) Data for 362 days. (e) Data for 360 days. # Data not available for complete year, hence no annual means.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
TELANGANA																											
Ramagundam	0830	156	1009.3	991.6	-0.1	25.6	21.3	18.6	22.1	69	+5	3.2	-0.6	2.7	0	2	189	26	8	9	26	43	10	63	6	174	0
	1730	"	1004.9	987.7	0	32.9	23.0	16.8	19.9	44	+1	3.5	-0.5	2.6	0	0	280	41	60	23	46	27	19	52	12	85	0
Nizamabad	# 0830																										
	# 1730																										
Hanamkonda	0830	269	1008.7	978.5	-1.0	25.6	21.7	19.4	23.1	71	+1	3.1	-0.4	2.2	0	0	326	56	3	0	32	128	8	67	32	39	0
	1730	"	1006.3	976.9	+1.1	31.9	22.7	17.0	20.3	46	+2	2.2	-1.3	2.0	0	0	359	142	37	6	75	26	7	51	15	6	0
Hakimpet (A)	0530	613	1008.2	940.1	-	22.0	19.0	17.0	20.0	76	-	4.0	-	15.3	0	103	221	7	30	47	72	21	29	97	21	41	0
	0830	"	1009.1	941.6	-	24.7	20.2	17.5	20.7	67	-	4.4	-	18.4	0	138	208	19	19	39	83	22	33	91	40	19	0
	1130	"	1008.0	941.5	-	29.1	21.2	16.6	19.5	51	-	4.1	-	21.9	0	175	185	22	22	50	71	37	35	74	46	5	3
	1730	"	1005.2	938.9	-	29.6	20.9	15.7	18.6	48	-	4.5	-	17.1	0	101	258	27	30	68	80	16	35	59	41	6	3
	2330	"	1008.2	940.7	-	24.7	19.7	16.6	19.7	65	-	3.4	-	13.9	0	65	265	11	34	65	91	12	36	64	17	35	0
Bhadrachalam	0830	111	1009.1	996.5	-0.9	25.9	22.7	20.8	25.1	75	0	3.9	-0.5	2.7	0	0	339	5	171	0	57	1	63	1	41	26	0
	1730	"	1004.9	992.6	-0.5	32.6	23.3	19.0	20.1	46	-4	3.9	-0.8	2.8	0	0	363	9	239	5	29	4	30	1	46	2	0
Hyderabad (Begumpet)	0230	545	1007.8	947.5	-	22.7	18.7	16.0	18.8	69	-	3.6	-	7.9	0	41	221	24	17	27	61	10	17	72	34	103	0
	0530	"	1008.3	947.5	-	21.5	18.2	16.1	18.1	73	-	3.9	-	7.6	0	38	211	21	14	27	38	8	13	84	44	116	0
	0830	"	1009.9	949.5	+0.2	24.1	19.5	16.6	19.4	66	-3	4.4	+0.5	10.7	0	73	240	31	17	24	61	25	21	65	69	52	0
	1130	"	1008.3	949.1	-	29.5	20.6	15.7	17.7	46	-	4.1	-	14.7	0	107	255	28	31	42	84	26	28	50	71	3	2
	1730	"	1004.7	945.8	+0.3	30.2	20.4	13.8	16.8	43	-5	4.8	+0.5	12.0	0	51	304	39	46	66	76	18	36	31	43	10	0
	2330	"	1008.6	948.4	-	24.3	19.2	15.9	18.8	64	-	3.4	-	7.9	0	41	228	21	34	37	73	5	22	52	25	96	0
Khammam	0830	112	1009.7	997.1	0	26.6	23.5	22.1	26.8	77	+1	4.9	+0.9	3.0	0	0	232	28	1	47	47	23	25	47	14	133	0
	1730	"	1005.4	992.9	0	32.5	24.2	19.4	23.5	50	+1	5.2	+0.8	1.4	0	0	193	36	2	45	34	15	13	40	8	172	0
Mahbubnagar	0830	505	1009.4	953.5	-0.3	25.5	20.2	17.0	19.7	64	-4	4.4	+0.2	5.5	0	15	334	6	50	110	21	5	42	56	59	16	0
	1730	"	1004.6	950.0	-0.2	30.7	20.7	14.4	17.1	43	-4	4.8	+0.3	6.3	0	6	341	12	56	110	26	17	38	58	30	18	0
RAYALASEEMA																											
Kurnool	0830	281	1010.3	978.8	+0.3	25.7	21.3	18.6	21.8	66	0	4.0	+0.1	9.8	0	53	311	2	68	3	68	4	147	4	68	1	0
	1730	"	1004.9	974.3	+0.2	33.3	22.4	15.9	18.8	41	+1	4.7	+0.3	9.7	0	34	311	7	60	11	81	10	81	6	75	20	14
Nandyal	# 0830	212																									
	# 1730	"																									
Anantapur	0530	350	1008.3	968.9	-	23.1	20.5	18.8	22.1	78	-	3.7	-	7.3	0	26	195	3	12	54	11	3	19	117	2	144	0
	0830	"	1010.0	970.9	+0.1	25.5	21.5	19.1	22.4	69	+3	3.8	-0.2	8.7	0	36	226	3	21	46	9	13	31	122	16	103	1
	1130	"	1008.8	970.3	-	30.1	22.4	17.7	20.9	50	-	4.0	-	12.8	0	47	286	8	38	92	24	9	22	95	45	32	0
	1430	"	1005.3	967.1	-	32.4	22.6	16.5	19.6	42	-	4.4	-	12.2	0	59	263	13	55	95	16	6	10	90	37	43	0
	1730	"	1004.7	966.6	0	31.9	22.5	16.5	19.6	44	+3	4.5	0	12.7	0	62	265	10	71	100	17	1	18	80	30	38	0
	2030	"	1007.4	968.7	-	28.6	21.7	17.4	20.7	55	-	3.3	-	11.5	0	73	201	2	27	119	14	1	12	88	11	91	0
	2330	"	1008.6	969.6	-	26.4	21.4	18.2	21.5	64	-	2.9	-	14.1	0	98	207	2	14	126	26	5	19	109	4	60	0
Cuddapah	0830	130	1010.3	995.6	-0.2	27.2	23.2	21.2	25.3	71	+6	3.3	-0.6	2.2	0	0	159	0	2	61	8	0	1	80	7	206	0
	1730	"	1005.5	991.1	-0.1	32.5	24.5	20.3	24.2	52	-1	3.9	-0.4	3.6	0	0	246	0	15	137	16	0	0	71	7	119	0
Arogyavaram	# 0830	701																									
	# 1730	"																									
MADRAS STATE (INCLUDING PONDICHERRY)																											
Madras	0830	6	1009.8	1009.1	-0.1	27.5	24.6	23.2	28.5	79	+5	4.7	0	6.0	0	4	279	18	29	13	16	18	94	71	24	82	0
	1730	"	1006.5	1005.8	-	28.9	25.1	23.2	28.8	72	-	4.6	-	6.8	0	2	323	24	55	65	105	45	15	8	5	40	3
Madras (Minambakkam)	0230	16	1007.7	1005.9	-	25.7	23.9	23.1	28.5	86	-	3.8	-	5.9	0	12	252	21	8	6	31	78	45	41	33	101	1
	0530	"	1008.0	1006.3	-	25.1	23.5	22.8	27.8	87	-	4.3	-	6.0	0	11	269	28	8	6	14	51	67	70	35	85	1
	0830	"	1009.9	1008.1	-0.3	26.6	24.4	23.0	27.4	78	+4	4.8	0	8.7	0	22	311	41	9	7	9	61	85	69	52	32	0

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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 current 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
MADRAS STATE (INCLUDING PONDICHERRY)(Contd.)																											
MADRAS (NUNGAMBAKKAM)(Contd.)	1130	16	1009.2	1007.5	-	31.1	24.8	21.9	26.4	60	-	5.0	-	12.1	1	55	300	40	38	49	22	54	36	74	23	9	0
	1430	"	1006.6	1004.9	-	31.8	25.3	22.2	26.2	59	-	4.9	-	13.3	1	58	301	41	43	89	63	32	26	47	17	6	1
	1730	"	1006.5	1004.8	-0.1	29.5	25.1	22.9	28.2	69	+2	4.7	0	12.3	0	42	315	37	52	94	102	38	17	10	7	8	0
	2030	"	1008.7	1007.0	-	27.3	24.8	23.6	29.3	81	-	3.6	-	8.8	0	24	288	34	26	57	100	66	14	5	9	53	1
	2330	"	1009.2	1006.6	-	26.4	24.4	21.9	29.1	85	-	3.7	-	7.7	1	23	258	28	17	23	77	86	27	15	9	83	0
Vellore	0530	214	1008.6	984.3	-	23.7	21.9	20.9	26.8	85	-	3.3	-	0.8	0	2	36	1	6	4	4	3	2	16	2	327	0
	0830	"	1010.3	986.2	0	25.7	22.7	21.1	23.2	76	+2	4.2	-0.1	5.1	0	14	180	10	15	3	3	9	17	105	32	171	0
	1130	"	1009.4	985.6	-	30.4	23.7	20.2	23.9	56	-	4.4	-	7.0	0	16	313	29	67	16	18	21	37	102	39	36	0
	1730	"	1005.8	982.2	+0.1	31.3	23.5	19.3	22.7	51	0	4.6	-0.2	6.7	0	10	327	14	79	53	65	32	25	44	25	28	0
	2330	"	1009.6	985.5	-	26.3	22.9	21.1	25.2	75	-	3.2	-	2.6	0	1	123	2	19	19	28	23	8	21	4	241	0
Tambaram (A)	0830	29	1009.6	1006.2	-	27.5	25.1	23.6	29.2	81	-	5.0	-	11.6	1	22	319	48	21	5	9	42	97	72	48	23	0
	1730	"	1006.6	1003.5	-	28.8	25.4	23.6	29.1	71	-	4.7	-	17.6	1	96	261	22	63	64	113	58	21	10	7	7	0
Tiruppatur	0830	390	1010.4	966.8	-0.2	24.2	21.4	20.0	23.5	79	0	6.6	+1.3	3.1	0	0	329	276	0	5	0	29	0	16	3	36	0
	1730	"	1005.4	962.8	-0.3	29.8	22.5	18.3	21.1	54	0	6.[illegible]	+0.7	7.2	0	0	350	272	4	7	0	46	0	21	0	15	0
Mettur Dam R.S.	0830	-	-	-	-	26.5	23.6	22.2	26.9	78	-	-	-	-	#	-	-	0 (d)	106	0	89	0	72	0	74	20	0
	1730	-	-	-	-	29.0	26.1	24.8	31.4	80	-	5.5	-	-	#	-	-	0	94	0	88	0	95	0	74	10	4
Cuddalore	0530	12	1008.0	1006.7	-	24.8	23.7	23.2	28.5	91	-	4.1	-	1.3	0	2	69	6	11	0	5	14	30	0	5	294	0
	0830	"	1010.0	1008.7	-0.3	25.6	24.8	23.7	28.6	82	+6	5.0	+0.3	4.6	0	2	281	22	54	3	27	49	87	11	30	82	0
	1130	"	1009.5	1008.2	-	30.6	25.9	23.8	29.5	68	-	4.7	-	7.9	0	13	340	17	101	16	96	17	74	18	14	12	0
	# 1430	"																									
	1730	"	1006.6	1005.3	-0.2	29.2	26.1	24.8	31.4	79	+9	4.4	-0.4	8.0	0	2	345	9	96	23	180	13	20	0	6	18	0
	2330	"	1009.3	1008.0	-	26.9	24.6	24.1	30.1	85	-	3.8	-	4.0	0	11	180	12	42	7	64	36	28	0	2	174	0
Kallakurichi	0830	127	1009.8	995.5	-0.3	26.9	24.0	22.7	27.7	78	+5	4.3	+0.3	5.6	0	1	309	59	16	3	55	14	105	8	30	55	0
	1730	"	1005.7	991.5	-0.2	31.6	24.7	21.1	25.5	57	+5	4.5	-0.2	7.4	0	6	323	11	103	64	38	4	80	14	15	36	0
Salem	0530	278	1008.4	997.0	-	23.6	21.3	20.1	23.6	81	-	3.8	-	1.7	0	0	137	0	7	31	4	8	40	47	0	228	0
	0830	"	1010.2	979.0	-0.3	25.7	22.1	20.1	23.8	72	-3	4.7	+0.6	2.1	0	0	154	1	9	22	20	3	54	27	7	211	11
	1130	"	1009.0	978.3	-	30.3	22.9	18.8	21.9	52	-	4.2	-	4.9	0	0	270	4	16	54	10	16	36	86	12	95	36
	1730	"	1005.2	974.7	-0.3	31.3	22.7	17.5	20.5	47	-2	5.3	+0.4	6.3	0	16	237	5	15	115	14	2	27	54	7	112	14
	2330	"	1009.3	978.0	-	26.0	22.8	20.0	23.5	71	-	4.1	-	6.2	0	1	226	1	12	112	7	4	34	55	1	138	1
Coimbatore (Pilamadu)	0530	400	1009.0	964.1	-	22.1	21.5	21.1	25.1	94	-	3.4	-	10.5	0	46	217	29	24	9	0	90	103	3	4	102	1
	0830	"	1010.6	966.0	-0.1	24.4	22.6	21.7	26.1	85	+9	4.4	-0.1	12.2	0	60	226	26	57	25	5	92	76	2	3	79	0
	1130	"	1009.4	965.5	-	28.8	23.9	21.3	25.6	65	-	4.3	-	15.8	0	104	220	30	80	34	13	89	69	3	1	41	5
	# 1430	"																									
	1730	"	1005.9	962.2	-0.1	29.3	23.7	20.5	24.5	63	+10	4.7	-0.2	20.1	1	165	188	7	79	55	3	90	105	8	5	11	2
	# 2030	"																									
	2330	"	1010.0	965.3	-	23.8	22.5	21.6	26.1	89	-	3.2	-	15.3	0	104	218	12	26	35	6	116	112	9	4	43	2
Coimbatore	0830	409	1010.1	964.6	-0.4	25.0	21.9	20.3	23.9	76	+1	5.0	+0.3	5.8	0	4	359	18	87	32	17	34	156	8	11	2	0
Nagapattinam	0830	9	1010.3	1009.1	-0.2	28.0	24.4	22.7	27.9	74	+1	5.1	+0.1	10.2	0	41	283	21	52	14	21	8	90	72	46	41	0
	1730	"	1006.6	1005.5	-0.4	29.6	25.3	23.2	28.5	69	-2	5.2	+0.5	17.3	0	151	210	12	100	36	100	52	49	6	6	4	0
Tiruchchirappalli	0230	88	1007.9	997.8	-	25.3	22.9	21.7	25.9	81	-	4.5	-	9.9	0	57	223	24	73	12	6	18	20	101	26	85	0
	0530	"	1008.0	998.0	-	24.7	22.5	21.4	25.6	83	-	4.5	-	10.1	0	66	203	34	45	7	3	7	14	124	35	96	0
	0830	"	1009.9	999.9	-0.5	27.1	23.4	21.6	25.8	73	+1	4.8	+0.2	15.7	0	138	184	29	64	9	3	10	16	142	49	43	0
	1130	"	1009.1	999.3	-	31.0	24.0	20.5	17.8	55	-	4.7	-	17.8	0	139	209	25	79	21	15	14	24	117	53	17	0
	1430	"	1006.0	996.3	-	33.1	24.2	19.5	22.9	47	-	5.1	-	16.6	1	112	241	14	95	33	24	21	27	87	53	11	0
	1730	"	1005.6	995.9	-0.5	31.9	23.9	19.7	23.0	51	+1	5.1	+0.2	15.1	0	104	245	12	82	60	44	35	23	54	30	16	0
	2030	"	1008.5	998.7	-	27.9	23.7	21.7	25.7	70	-	4.2	-	16.2	0	109	240	11	60	67	66	51	26	54	14	16	0
	2330	"	1009.3	999.4	-	26.2	23.3	21.9	26.2	78	-	4.3	-	11.3	0	53	269	12	81	45	24	42	24	76	18	43	0
Vidaranniyam	0830	4	1010.0	1009.5	-	28.5	25.7	24.5	30.7	79	-	3.4	-	3.0	0 (g)	0	355	27	72	4	72	20	136	8	23	3	0
	1730	"	1007.0	1006.5	-	29.0	25.7	24.4	30.7	77	-	3.7	-	3.1	0 (h)	0	356	29	76	1	76	21	141	6	16	1	0

Data not available for complete year, hence no annual means. (A) Aerodrome. (g) Data for 358 days. (h) Data for 357 days. (d) Data for 361 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
MADRAS STATE (INCLUDING PONDICHERRY) (Contd.)																											
Atirampattinam	0830	6	1009.8	1009.1	-	27.8	24.5	23.2	28.4	78	-	3.9	-	6.1	0	7	291	84	18	3	9	57	44	9	74	67	0
	1730	"	1006.5	1005.8	-	29.6	25.4	23.4	29.0	70	-	3.7	-	(b) 14.0	(b) 0	104	250	(b) 14	59	17	50	184	18	1	11	9	0
Madurai	0830	133	1009.7	994.8	-0.5	27.2	23.3	21.4	25.6	72	+5	5.8	+0.9	5.1	0	0	318	89	35	14	8	6	14	37	109	47	6
Madurai (A)	0530	131	1008.2	993.3	-	24.6	22.5	21.6	25.7	83	-	3.6	-	7.0	0	9	262	76	69	6	6	12	15	24	62	94	1
	0830	"	1010.0	995.2	-0.5	27.3	23.5	21.5	25.7	71	+1	4.4	-0.3	10.5	0	22	323	111	80	12	11	11	18	36	65	20	1
	1130	"	1009.1	994.5	-	31.1	24.0	20.4	24.0	54	-	4.5	-	12.4	0	55	297	66	98	27	16	17	39	42	46	13	1
	1730	"	1005.9	991.4	-0.5	31.1	23.9	20.0	23.5	54	+1	5.1	-0.4	17.0	0	136	214	10	84	82	53	36	15	57	13	15	0
Tondi	0830	5	1010.3	1009.7	-0.3	27.6	24.3	22.7	27.7	75	-2	3.9	-1.4	6.4	0	8	250	88	25	9	12	29	59	9	27	107	0
	1730	"	1006.8	1006.2	-0.3	29.3	25.5	23.7	29.4	73	-3	4.3	-1.1	19.0	0	180	179	14	66	54	100	105	14	3	3	6	0
Bamban	# 0830	11																									
	# 1730	"																									
Tuticorin	0830	4	1010.4	1010.0	-0.3	28.3	24.1	22.0	26.5	71	+2	3.3	-0.3	10.8	0	39	324	103	43	8	5	7	39	112	46	2	0
	1730	"	1006.7	1006.3	-0.4	30.2	25.1	22.7	27.7	66	+1	4.2	+1.0	21.2	0	198	167	9	48	64	73	72	17	74	8	0	0
Palayamcottai	0830	51	1010.3	1004.7	0	28.5	23.8	21.5	25.7	67	0	5.0	+0.2	(b) 9.8	(b) 0	46	307	(b) 149	3	10	3	30	9	116	33	10	0
	1730	"	1006.5	1000.8	-0.3	30.9	24.3	21.0	25.0	57	0	5.4	+0.1	(b) 13.9	(b) 0	94	267	(b) 44	18	91	35	31	17	102	23	2	0
Kanniyakumari	0830	37	1010.2	1006.1	-	27.1	23.9	22.3	26.9	75	-	4.9	-	16.6	0	140	225	52	72	12	5	3	17	166	38	0	0
	1730	"	1007.4	1003.2	-	28.3	24.6	22.9	27.5	73	-	5.2	-	17.3	0	144	221	19	47	32	11	15	38	180	23	0	0
COASTAL MYSORE																											
Karwar	0830	4	1010.5	1010.0	0	2[illegible].7	23.4	22.3	27.2	82	0	3.9	-0.4	4.8	0	2	348	16	42	124	22	8	4	38	40	15	56
	1730	"	1007.5	1007.1	-0.1	28.5	25.0	23.4	28.9	75	+1	3.9	-0.4	9.7	(a) 0	37	322	(a) 7	5	7	23	4	4	50	192	5	67
Honawar	0830	26	1010.5	1007.6	-0.3	25.0	22.8	21.6	24.4	82	+2	4.8	-0.1	4.3	1	3	324	15	53	191	3	12	13	34	7	37	0
	1730	"	1007.7	1004.9	-0.1	27.9	24.7	22.8	28.0	71	-3	4.8	0	5.7	0	3	361	42	0	46	1	81	13	140	41	1	0
Mangalore (Bajpe)	0230	102	1008.7	996.4	-	24.3	23.1	22.5	27.2	90	-	4.3	-	4.2	0	8	153	19	17	56	26	8	9	17	8	204	1
	0530	"	1008.7	997.1	-	23.7	22.7	22.2	26.8	91	-	4.4	-	4.5	0	10	160	6	23	81	21	5	7	15	12	195	0
	0830	"	1010.5	999.0	-0.3	25.7	23.6	22.5	27.5	83	+2	4.9	+0.2	6.5	0	10	259	18	27	131	48	8	7	21	8	96	1
	1130	"	1011.1	998.8	-	29.4	24.4	20.1	25.6	66	-	4.9	-	12.2	0	57	284	18	11	39	39	25	36	82	69	24	22
	1430	"	1007.7	996.4	-	30.1	24.9	22.4	27.2	65	-	4.8	-	18.2	0	161	200	3	3	6	12	14	55	186	77	4	5
	1730	"	1007.3	996.0	-0.3	27.3	24.5	22.7	26.8	73	0	5.0	0	15.2	0	75	283	7	2	4	5	9	33	192	106	7	0
	2030	"	1009.4	997.9	-	26.1	24.0	23.0	28.2	83	-	4.3	-	7.3	0	7	266	16	2	12	9	16	12	79	126	92	1
	2330	"	1010.1	998.6	-	25.2	23.6	22.8	27.9	88	-	4.4	-	5.0	0	10	181	47	10	35	16	11	10	15	47	174	0
Mangalore	0830	22	1010.5	1008.0	-0.3	26.0	23.6	22.3	25.6	81	+1	4.6	-0.1	6.9	0	1	363	25	52	155	72	4	23	17	16	1	0
	1730	"	1007.5	1005.0	-0.4	28.7	25.0	23.3	26.1	73	-1	4.0	-0.8	9.3	0	2	363	25	3	1	10	4	73	63	170	0	16
INTERIOR MYSORE, NORTH																											
Bidar	0830	664	1008.9	936.5	+0.3	24.1	18.3	14.8	17.5	60	-5	3.7	-0.1	12.8	0	91	228	14	25	42	39	27	74	56	42	46	0
	1730	"	1004.4	932.9	+0.1	30.0	19.4	12.4	15.4	41	-4	5.1	+0.4	12.2	0	77	246	19	78	65	15	16	38	65	26	42	1
Gulbarga	0830	458	1010.0	959.0	0	24.9	19.4	15.6	18.8	61	+1	4.7	+1.3	8.5	0	13	271	28	35	65	13	8	32	77	26	81	0
	1730	"	1004.4	954.8	0	32.0	20.7	13.4	16.4	38	-1	5.1	+0.7	(a) 8.9	0	20	329	12	44	105	34	14	30	89	21	15	0
Bijapur	0830	594	1010.2	944.2	0	22.8	19.3	16.9	20.0	71	+8	4.3	+0.8	5.7	0	2	326	34	24	20	36	30	40	105	38	37	1
	1730	"	1004.2	940.4	-0.1	31.4	21.9	16.6	19.5	44	+3	4.9	+0.6	4.6	0	4	328	25	34	28	55	27	26	85	52	33	0
Raichur	# 0830	400																									
	# 1730	"																									

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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.): 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
INTERIOR MYSORE, NORTH (CONTD.)																											
Belgaum	0830	753	1011.1	928.0	+0.4	21.5	19.2	17.7	20.7	80	+4	3.9	+0.5	2.7	0	0	185	2	3	55	4	0	2	106	12	180	1
	1730	"	1006.0	924.8	-0.1	27.1	21.8	18.9	22.3	65	+8	4.3	+0.3	6.2	0	0	339	7	8	72	12	13	26	185	12	96	4
Belgaum (Samra)	0530	747	1009.2	926.2	-	19.5	17.5	15.9	18.7	81	-	4.0	-	5.5	0	19	200	3	32	22	13	6	35	102	6	146	0
	0830	"	1010.3	928.0	-0.1	22.0	18.6	16.2	19.0	72	0	4.8	+0.7	9.4	0	48	252	9	55	37	38	3	37	101	20	65	0
	1130	"	1009.0	928.0	-	27.0	19.5	14.4	17.5	52	-	4.5	-	14.1	0	91	271	13	63	48	64	10	32	108	24	3	0
	1430	"	1005.9	925.5	-	28.7	19.9	13.8	16.7	46	-	5.0	-	14.3	0	114	247	13	56	47	37	16	46	125	21	4	0
	1730	"	1005.7	925.1	-0.3	27.4	20.1	15.3	18.4	54	-3	5.0	+0.5	15.3	0	134	227	9	48	38	27	9	54	166	10	4	0
	2030	"	1008.9	927.0	-	23.1	19.5	17.3	20.2	72	-	3.8	-	10.5	0	49	267	0	23	24	10	4	46	204	5	49	0
Gadag	0530	650	1009.0	936.8	-	20.7	19.0	18.3	20.8	84	-	3.3	-	7.5	0	8	290	1	15	57	16	18	62	122	1	67	6
	0830	"	1010.4	938.4	-0.2	22.4	19.8	18.2	21.3	78	+6	3.9	-0.3	6.6	0	2	338	10	39	64	26	4	94	82	19	25	2
	1130	"	1008.7	938.3	-	28.7	21.5	17.5	20.4	53	-	4.0	-	10.4	0	30	313	15	37	71	24	7	45	98	20	22	26
	1430	"	1005.4	935.7	-	31.0	22.0	16.8	19.8	46	-	4.6	-	10.8	0	47	296	11	53	70	20	7	34	94	22	22	32
	1730	"	1005.0	935.2	0	29.8	21.5	16.8	19.7	46	-5	4.3	+0.1	7.4	0	7	353	10	100	40	23	7	73	72	32	5	3
	2030	"	1008.3	937.1	-	25.4	20.5	17.8	20.8	63	-	3.0	-	9.4	0	29	289	1	31	71	8	3	58	127	9	47	10
	2330	"	1009.7	937.1	-	23.0	19.9	18.0	21.1	75	-	3.0	-	9.8	0	26	303	4	12	68	21	6	60	150	3	36	5
INTERIOR MYSORE, SOUTH																											
Bellary	0830	449	1009.9	959.9	-0.2	24.6	20.8	18.3	21.7	71	+7	3.2	-0.9	6.2	0	7	263	1	14	34	61	1	7	70	82	95	0
	1730	"	1004.8	956.0	-0.1	31.8	22.7	13.5	20.2	47	+6	4.7	+0.2	9.3	0	20	314	8	25	53	72	1	13	87	75	31	0
Chitradurga	0830	733	1010.1	929.3	-0.3	22.3	19.3	17.5	20.4	76	+3	4.1	-0.4	7.9	0	7	309	3	6	80	18	6	60	140	3	49	0
	1730	"	1004.7	926.1	-0.1	28.9	20.7	15.6	18.5	49	+2	4.1	-0.5	8.7	0	9	342	5	36	121	10	1	36	123	19	14	0
Shimoga	0830	571	1010.2	946.7	-0.5	22.4	19.7	18.3	21.3	79	-2	6.3	+1.6	2.8	0	0	331	4	29	49	24	14	55	128	28	34	0
	1730	"	1005.1	943.2	-0.4	28.9	21.2	16.5	19.7	52	-3	5.5	+0.8	4.8	0	0	328	6	28	72	8	5	45	139	25	37	0
Agumbe	0830	-	-	-	-	21.1	19.8	19.3	22.6	90	-	-	-	5.7	0	4	333	9	167	31	3	14	74	35	4	28	0
Balehonnur	0830	-	-	-	-	21.4	19.3	17.9	20.7	82	-5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hassan	0830	960	1506.9	905.9	-0.2	20.3	18.3	17.1	19.7	82	+3	4.7	+0.2	3.5	0	0	320	12	13	53	30	6	49	144	13	45	0
	1730	"	1488.9	902.9	-0.2	26.6	19.6	15.1	18.7	55	-3	5.3	+0.2	3.3	0	0	347	20	28	63	30	10	60	119	17	18	0
Bangalore	0230	921	1495.9	908.9	-	20.4	18.5	17.4	20.1	84	-	3.5	-	7.3	0	7	288	5	13	85	35	7	48	96	5	70	11
	0830	"	1511.2	910.3	+0.2	21.3	19.1	17.8	20.5	81	+4	5.1	0	6.9	0	6	304	6	23	75	28	11	61	87	19	55	0
	1130	"	1518.4	910.1	-	25.2	20.0	16.5	19.1	58	-	4.9	-	9.4	0	21	302	8	28	72	35	15	48	74	40	42	3
	1430	"	1502.6	908.0	-	28.2	20.3	15.6	18.3	50	-	5.3	-	9.3	0	23	305	16	41	86	28	7	43	63	41	37	3
	1730	"	1495.6	907.5	+0.6	27.1	19.8	15.3	17.9	53	+3	5.5	+0.3	8.1	0	20	287	17	43	77	31	4	43	47	44	58	1
	2030	"	1505.0	909.2	-	23.6	19.1	12.1	19.0	66	-	3.5	-	7.5	0	11	277	15	32	85	35	6	45	49	21	77	0
Bangalore (A)	0530	897	1487.0	910.7	-	19.5	18.3	17.6	20.2	89	-	4.5	-	8.9	0	31	238	5	12	64	15	12	32	124	5	96	0
	0830	"	1507.4	912.5	-0.1	21.4	20.9	17.9	20.7	81	+5	5.1	+0.1	12.5	0	62	260	8	21	66	28	13	25	139	21	43	1
	1130	"	1512.6	912.1	-	25.9	19.8	16.0	18.6	57	-	4.8	-	15.1	0	67	266	13	22	85	31	10	23	109	36	32	4
	1730	"	1487.5	909.6	+0.2	27.0	19.8	15.2	17.9	53	+1	5.2	0	12.3	0	65	250	13	26	97	34	5	21	82	34	50	3
	2330	"	1502.9	912.0	-	21.8	19.0	17.4	20.0	78	-	3.9	-	11.3	0	52	245	7	10	110	31	4	18	106	11	68	0
Mysore	0830	767	1010.7	926.3	-0.1	22.2	19.4	17.8	20.5	77	-2	3.9	-0.7	8.2	0	12	353	41	38	20	33	70	96	28	39	0	0
	1730	"	1005.3	923.0	-0.3	28.2	19.8	14.4	17.1	47	-2	4.1	-0.9	10.9	0	68	297	39	74	44	44	44	60	13	47	0	0
KERALA																											
Calicut	0530	5	1009.3	1008.7	-	24.7	23.8	23.3	26.2	92	-	3.7	-	3.3	0	6	206	12	36	135	4	2	3	10	10	153	0
	0830	"	1010.8	1010.2	-0.2	26.4	24.3	23.3	28.7	83	+1	3.9	-0.9	3.0	0	1	169	12	8	94	1	5	3	11	36	195	0
	1130	"	1010.8	1010.2	-	29.3	25.7	24.0	30.0	74	-	3.9	-	4.4	0	2	285	7	3	6	2	25	46	154	44	78	0
	# 1430	"																									

(A) Aerodrome.

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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.)																											
Calicut (Contd.)	1730	5	1008.1	1007.5	+0.1	28.8	25.7	24.4	30.6	78	+3	4.4	-0.6	5.1	0	6	301	1	2	2	2	6	19	92	183	58	0
	2330	"	1010.5	1009.9	-	26.4	24.9	24.1	30.1	87	-	3.6	-	4.5	0	4	205	37	30	33	3	2	4	17	83	156	0
Palghat	0830	97	1010.7	999.7	-0.4	26.6	23.7	22.3	27.0	78	-1	4.6	0.0	8.5	0	1	343	1	0	129	2	0	16	195	1	21	0
	1730	"	1006.8	996.0	-0.3	30.2	24.0	20.7	24.8	61	-2	4.7	-0.5	8.9	0	6	345	1	1	100	1	0	10	234	4	14	0
Fort Cochin	0830	3	1010.7	1010.3	-0.6	27.2	24.8	23.7	29.3	81	+2	6.6	+1.1	5.1	0	2	313	2	110	100	13	1	16	33	21	50	0
	1730	"	1007.8	1007.5	-0.2	28.3	25.5	24.2	30.2	79	+3	6.4	+0.9	9.8	0	6	352	8	6	3	15	3	37	136	150	7	0
Cochin (N.A.S.)	0230	3	1009.3	1009.0	-	25.4	24.3	23.7	29.3	91	-	5.3	-	2.8	0	1	127	9	27	23	15	4	3	18	29	237	0
	0530	"	1009.1	1008.8	-	24.8	23.8	23.4	28.7	92	-	5.0	-	2.6	0	2	135	10	38	43	12	7	2	9	16	228	0
	0830	"	1010.9	1010.5	-	26.8	24.5	23.4	28.9	82	-	5.1	-	4.4	0	2	236	27	62	81	24	7	9	6	21	127	1
	1130	"	1010.8	1010.5	-	29.6	25.3	23.3	28.8	70	-	5.1	-	10.0	0	10	304	6	6	15	15	21	47	101	103	51	0
	1730	"	1007.8	1007.5	-	28.8	25.4	23.9	29.6	75	-	5.4	-	12.5	0	16	330	1	2	6	3	13	60	179	82	19	0
	2330	"	1010.7	1010.4	-	26.2	24.6	23.9	29.7	88	-	5.6	-	3.8	0	2	162	12	18	29	19	6	6	27	47	201	0
Alleppey	0830	4	1010.9	1010.5	+0.1	26.8	24.9	24.0	29.9	85	+3	5.1	-0.4	7.1	1	7	353	6	131	74	91	1	19	11	28	4	0
	1730	"	1008.1	1007.7	+0.3	29.0	25.6	24.2	30.2	76	-1	4.8	-0.7	20.6	0	260	105	6	3	1	2	0	19	105	229	0	0
Punalur	0830	34	1010.8	1007.0	-0.1	25.4	23.8	23.0	28.1	87	0	5.3	+0.5	0.7	0	0	56	5	9	15	7	2	2	6	10	309	0
	1730	"	1007.4	1003.6	-0.3	29.9	24.9	22.4	27.3	67	0	6.7	+1.0	4.9	0	4	292	10	28	43	15	14	36	81	69	69	0
Trivandrum	0230	64	1008.9	1001.6	-	24.9	23.8	23.2	28.5	91	-	4.3	-	3.2	0	3	170	31	49	6	0	1	2	12	72	192	0
	0530	"	1008.9	1001.6	-	24.4	23.4	22.9	28.0	92	-	4.2	-	4.8	0	1	262	60	99	4	5	0	5	9	81	102	0
	0830	"	1010.7	1003.4	-0.3	26.2	24.1	23.2	28.4	84	0	4.7	+0.1	6.0	0	3	302	81	73	22	10	2	2	13	102	60	0
	1130	"	1010.3	1003.0	-	29.5	24.8	22.5	27.3	67	-	5.6	-	10.5	0	30	321	37	21	10	12	8	32	81	146	14	4
	1430	"	1007.8	1000.6	-	29.8	25.0	22.8	27.9	67	-	5.1	-	14.2	0	61	299	7	7	1	7	3	72	123	135	5	5
	1730	"	1007.8	1000.5	-0.3	28.4	24.7	23.1	28.3	74	0	5.7	+0.3	11.9	0	48	305	9	7	1	8	2	58	106	158	12	4
	2030	"	1010.0	1002.7	-	26.5	24.4	23.4	28.8	83	-	4.7	-	7.5	0	6	301	22	16	2	4	1	28	50	184	58	0
	2330	"	1010.6	1003.3	-	25.7	24.2	23.5	28.9	88	-	4.9	-	6.9	0	6	313	73	50	15	11	5	8	20	137	46	0
Trivandrum (A)	0830	8	1010.9	1010.1	+0.1	27.3	24.3	23.1	28.1	78	-1	5.2	+0.4	12.5	0	113	159	130	38	16	7	3	3	11	62	93	2
ARABIAN SEA ISLANDS																											
Amini	0530	4	1008.1	1007.7	-	26.6	24.6	23.6	29.3	84	-	4.3	-	19.0	0	160	163	74	30	6	3	3	16	85	106	42	0
	0830	"	1010.0	1009.7	-0.6	27.6	25.1	24.0	30.0	81	+3	4.9	+0.4	17.1	0	138	190	76	48	10	6	4	18	78	88	37	0
	1130	"	1010.3	1009.8	-	30.0	25.8	24.1	30.2	73	-	4.8	-	18.1	0	134	228	101	42	16	8	6	16	90	83	3	0
	1730	"	1007.4	1007.0	-	29.1	25.7	24.2	30.3	76	-	5.0	-	19.1	0	152	201	89	35	10	4	2	20	83	110	12	0
	2330	"	1009.7	1009.3	-	27.2	24.9	24.0	29.8	82	-	4.0	-	19.1	0	160	161	64	22	5	4	3	14	93	116	44	0
Agathi	0830	4	1010.2	1009.6	-	27.8	25.0	23.7	29.3	78	-	5.5	-	12.3	0	95	253	97	29	8	7	0	16	77	114	17	0
	1730	"	1008.1	1007.6	-	28.6	25.4	23.9	29.8	76	-	5.6	-	12.9	0	100	265	108	26	11	8	0	16	75	121	0	0
Androth	0830	5	1010.4	1009.9	-	27.9	25.3	24.3	30.1	81	-	5.2	-	5.1	0	0	312	89	39	0	1	1	12	43	76	53	51
	1730	"	1007.8	1007.3	-	27.8	25.7	24.4	30.6	78	-	5.1	-	6.0	0	1	301	50	24	0	0	1	6	31	151	63	39
Minicoy	0530	2	1009.2	1009.0	-	26.1	23.9	22.8	26.9	82	-	4.4	-	7.7	0	51	180	33	11	7	6	0	5	116	53	134	0
	0830	"	1011.0	1010.8	-0.1	27.8	24.8	23.3	28.7	77	-1	4.8	-0.1	7.8	0	22	264	52	18	18	6	5	6	105	76	79	0
	1130	"	1011.2	1011.0	-	29.6	25.4	23.5	29.0	70	-	5.0	-	10.4	0	28	323	62	31	30	9	9	12	110	87	14	1
	1430	"	1009.0	1008.8	-	29.7	25.4	23.5	28.9	70	-	5.1	-	10.3	0	26	315	72	21	24	7	6	9	111	89	24	2
	1730	"	1008.6	1008.3	0	28.8	25.0	23.2	28.6	72	-4	5.2	-0.1	9.4	0	17	306	56	26	22	3	4	7	117	87	42	1
	2030	"	1010.3	1010.1	-	27.3	24.4	23.1	27.4	78	-	4.1	-	9.1	0	48	222	47	19	13	1	3	9	101	77	95	0
	2330	"	1010.9	1010.7	-	26.7	24.1	22.9	28.0	80	-	4.3	-	9.5	0	58	208	37	13	8	3	2	11	99	92	99	1
HILL STATIONS (EXCLUDING KASHMIR)																											
Dalhousie	0830	1959	1431.3	799.1	+0.5	14.5	10.5	7.0	10.5	63	-4	1.8	-0.5	#	#	#	#	2	81	5	20	0	7	0	5	237	8
	1730	"	1418.8	798.2	+0.2	16.2	12.6	9.7	12.7	69	+1	1.9	-1.0	#	#	#	#	4	41	6	16	4	11	19	7	251	0

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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 m.s.l. 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
HYDROMETEOROLOGICAL OBSERVATORIES (Contd.)																											
BARAHNATI CATCHMENT																											
Daroi	*0830																										
	*1730																										
GANDAK CATCHMENT																											
Jomosom	0830	-	-	-	-	12.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	13.2	9.8	6.9	10.8	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Khudi Bazar	0830	-	-	-	-	19.5	15.9	13.2	16.3	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	22.8	18.5	15.7	18.8	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Timure	0830	-	-	-	-	14.9	10.8	6.2	11.5	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	18.2	13.8	9.9	13.9	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pokhara	0830	-	-	-	-	20.2	16.6	14.1	17.1	70	-	2.9	-	0.9	0	0	112	37	4	2	24	10	7	1	27	253	0
	1130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	*	*	*	*	*	*	*	*	*	*
	1730	-	-	-	-	23.1	18.3	14.9	18.1	65	-	3.9	-	1.6	0	0	160	8	5	20	82	23	6	2	14	205	0
Gorkha	0830	-	-	-	-	19.5	16.1	13.3	16.4	71	-	3.1	-	-	-	-	-	9	28	8	29	13	105	20	12	141	0
	1130	-	-	-	-	22.7	17.7	14.2	17.2	63	-	2.9	-	-	-	-	-	2	13	4	28	27	242	24	2	23	0
	1730	-	-	-	-	21.4	16.6	12.9	16.1	63	-	2.9	-	-	-	-	-	1	3	6	12	13	149	24	23	134	0
Nuwakot	*0830																										
	*1730																										
GHAGHARA CATCHMENT (TRANS HIMALAYAN REGION)																											
Dailekh	0830	-	-	-	-	18.2	14.4	11.3	14.4	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	20.5	15.9	12.0	15.3	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GHAGHARA CATCHMENT																											
Dadeldhura	*0830																										
	*1130																										
	*1730																										
Sallyana	0830	-	-	-	-	19.3	14.5	10.3	13.8	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	20.4	15.2	10.8	13.3	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Butwal	0830	-	-	-	-	24.8	19.5	15.6	19.3	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	27.6	21.2	16.6	20.7	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BAGMATI CATCHMENT																											
Kathmandu @																											
KOSI CATCHMENT																											
Chautara	# 0830	-																									
	# 1730																										
Wallungchung Gola	0830	-	-	-	-	8.5	#	#	#	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	7.4	#	#	#	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taplethok	0830	-	-	-	-	17.8	14.5	11.6	14.8	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	19.1	15.1	11.7	14.9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bhojpur	0830	-	-	-	-	17.9	14.5	12.0	14.9	71	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	16.7	14.3	12.5	15.3	79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Taplejung	0830	-	-	-	-	15.5	13.0	10.9	14.0	77	-	4.6	-	-	*	-	-	14	3	2	2	9	5	13	8	309	0
	1130	-	-	-	-	19.0	14.9	11.9	14.9	66	-	4.7	-	-	*	-	-	44	7	9	10	46	42	74	34	99	0
	1730	-	-	-	-	16.9	13.7	11.1	14.1	70	-	5.1	-	-	*	-	-	10	9	5	45	130	10	5	3	148	0

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

Table III - Summary of Observations at Fixed Hours for the year 1966

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
NEPAL																											
Katmandu	0830	1324	1491.3	867.2	-	15.3	13.2	11.7	14.6	81	-	4.2	-	0.3	0	0	33	3	1	4	2	0	2	5	16	332	0
	1130	"	1485.8	866.2	-	22.5	16.1	11.3	14.3	53	-	3.7	-	1.1	0	0	116	5	17	15	15	7	8	23	25	249	1
	1730	"	1463.9	864.1	-	20.5	15.8	12.3	15.2	62	-	3.5	-	1.5	0	1	117	34	3	3	7	12	3	20	36	247	0
Sikkim																											
Lachen	0830	-	-	-	-	9.6	6.5	2.6	8.0	64	-12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HYDROMETEOROLOGICAL OBSERVATORIES																											
DAMODAR CATCHMENT																											
Tilaiya	0830	-	-	-	-	26.0	19.6	15.0	18.3	55	-	2.6	-	7.7	0	15	280	7	4	53	22	9	36	116	48	70	0
	1730	-	-	-	-	28.5	19.9	13.1	16.6	44	-	2.9	-	7.2	0	8	285	15	10	47	18	3	2	89	109	72	0
Hazaribagh	0830	615	1007.9	940.1	-	24.5	19.6	16.4	20.2	64	-	2.5	-	5.0	0	10	254	20	4	35	16	16	38	56	79	101	0
	1730	"	1004.5	937.2	-	25.9	20.2	16.6	20.5	61	-	3.1	-	3.4	0	1	229	18	9	29	10	2	18	55	89	135	0
Konar	0830	-	-	-	-	#	-	-	-	#	-	1.2	-	3.8	0	0	365	2	10	16	12	1	8	292	94	0	0
	1730	-	-	-	-	#	-	-	-	#	-	0.6	-	3.7	0	0	365	1	4	22	9	0	4	223	102	0	0
Bokaro	0830	242	1008.1	980.9	-	24.9	20.1	16.8	20.6	64	-	2.1	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	"	1004.4	977.5	-	28.6	21.9	17.5	21.7	57	-	2.3	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
Maithon	0830	-	-	-	-	28.3	21.2	16.1	19.9	53	-	2.8	-	3.8 E	0	0	339	8	37	11	100	6	80	17	80	26	0
	1730	-	-	-	-	30.3	21.9	16.3	20.0	48	-	2.9	-	3.8 E	0	0	329	9	54	8	88	8	81	2	61	36	0
Ramgarh	0830	-	-	-	-	24.7 (g)	19.3 (g)	15.4 (g)	18.9 (g)	62 (g)	-	#	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	#	-	-	-	-	-	#	-	#	#	-	-	#	-	-	-	-	-	-	-	-	-
Panchet Hills	0830	-	-	-	-	25.7	20.9	17.7	21.6	64	-	3.1	-	4.8	0	9	238	0	39	0	40	0	93	0	75	118	0
	1730	-	-	-	-	29.4	21.5	15.9	19.7	51	-	2.9	-	3.2	0	7	146	0	40	0	39	0	25	0	49	212	0
Durgapur	0830	-	-	-	-	26.1	21.5	18.7	22.7	65	-	3.4	-	7.0	0	12	317	25	27	12	40	79	26	17	103	36	0
	1730	-	-	-	-	29.5	22.3	17.7	21.6	54	-	3.7	-	6.8	0	16	293	32	35	22	34	78	15	14	79	56	0
MAHANADI CATCHMENT																											
Ginabahar	0830	-	-	-	-	24.4	18.9	15.1	18.7	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hirakud	0830	159	1008.9	991.0	-	26.8	21.9	19.1	22.9	61	-	2.6	-	3.8	0	0	260	46	27	36	15	25	45	40	23	105	3
	1130	"	1007.9	990.3	-	30.6	22.7	18.4	21.6	50	-	2.6	-	4.0	0	0	318	38	24	27	3	17	60	94	54	47	1
	1730	"	1004.7	987.2	-	30.4	22.4	17.9	21.0	51	-	3.2	-	2.3	0	2	164	15	4	12	5	18	29	42	38	199	3
Bhimkund	0830	-	-	-	-	24.9	22.1	18.9	22.5	71	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	28.3	21.8	18.1	21.2	67	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sonepur	0830	-	-	-	-	26.8	23.2	21.4	26.1	74	-	-	-	4.7	0	17	232	11	17	67	26	39	9	75	5	116	0
Khijrawan	0830	-	-	-	-	25.2	19.7	15.6	19.0	60	-	#	-	6.5	0 (b)	11	327	14 (b)	28	36	88	41	71	23	37	25	0
	1730	-	-	-	-	29.6	20.5	13.3	17.2	45	-	#	-	7.7	0 (b)	14	335	42 (b)	59	26	43	30	61	16	72	14	0
NARMADA CATCHMENT																											
Bagra Tawa	0830	-	-	-	-	24.2	18.7	12.6	16.7	55	-	2.7 (e)	-	13.3	0 (e)	51	289	18 (e)	70	24	10	31	132	47	10	20	0
	1730	-	-	-	-	31.0	20.5	11.8	16.1	37	-	3.2 (e)	-	11.6	0 (e)	39	291	29 (e)	64	31	25	19	71	51	40	30	0
Punase	0830	-	-	-	-	25.8	#	-	-	-	-	#	-	10.8	0	28	329	9	138	27	9	10	104	45	15	8	0
	1730	-	-	-	-	31.2	#	-	-	-	-	#	-	10.1	0	24	329	21	141	22	5	10	89	56	9	12	0
Thikri	0830	-	-	-	-	26.4	19.4	14.1	17.7	51	-	#	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Data not available for complete year, hence no annual means. (e) Data for 360 days. (b) Data for 363 days. E - Estimated. (g) Data for 358 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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
HILL STATIONS (EXCLUDING KASHMIR) (Contd.)																											
Dharamsala	0830	-	#	#	-	19.4	13.5	8.3	10.7	51	-7	3.8	+0.7	1.7	#	#	#	45	81	40	11	10	5	18	28	127	0
	1730	-	#	#	-	21.7	14.9	8.6	12.5	49	-7	4.4	+0.7	2.4	#	#	#	11	22	18	14	13	177	78	14	18	0
Bhunter	0830	1096	1491.6	891.3	-	13.0	10.8	9.2	12.5	79	-	3.4	-	3.0	#	#	#	96	13	19	26	22	6	7	43	131	2
	# 1130	"																									
	1730	"	1463.9	887.1	-	21.8	14.4	8.4	11.7	44	-	3.8	-	9.8	#	#	#	40	3	24	84	87	22	21	50	34	0
Simla	0830	2202	1479.4	781.0	+0.1	13.7	8.1	7.5	7.7	49	-2	2.9	-0.4	0.8	#	#	#	5 (f)	33	3	48	22	26	1	4	218	0
	1730	"	1468.4	780.1	+0.2	14.5	10.0	6.4	9.9	59	-1	3.3	-0.9	0.9	#	#	#	9 (e)	24	0	34	14	63	0	15	202	-
Ghangaria	0830	-	-	-	-	8.5	8.1	11.4	7.1	65	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Badrinath	# 0830																										
Joshimath	0830	-	#	#	-	13.7	8.9	6.8	9.3	52	-7	2.8	-0.6	6.8	0	0	362	9	40	214	33	13	13	25	15	3	0
	1730	-	#	#	-	17.9	11.1	6.5	9.5	46	-8	4.4	+1.0	5.7	0	0	365	25	31	71	28	64	52	69	23	0	2
Mussoorie	0830	2042	1476.7	795.7	-1.2	14.5	9.6	6.6	9.2	55	-9	3.0	-0.5	1.7	#	#	#	40	17	0	24	49	22	0	21	192	-
	1730	"	1462.0	794.4	-1.3	15.3	11.1	7.0	10.9	64	-8	3.9	-0.5	2.7	#	#	#	50	30	0	57	95	31	1	16	85	0
Nukteshwar	0830	2311	3128.9	772.4	+0.8	13.0	8.3	7.0	8.3	55	-3	2.9	-0.1	9.2	#	#	#	1	41	70	13	10	21	99	66	44	0
	1730	"	3115.0	770.8	+0.7	14.3	9.9	6.4	9.8	60	-4	3.2	-0.5	13.4	#	#	#	1	15	23	13	8	57	156	67	25	0
Nainital	0830	1953	1478.2	804.1	+0.2	15.0	10.1	7.0	9.5	54	-6	2.7	-0.6	5.4	#	#	#	26	33	62	58	6	0	34	29	117	0
	1730	"	1458.3	802.2	-0.1	15.1	10.9	7.1	10.7	62	-5	2.5	-1.1	6.6	0 (e)	2	359	30	4	37	32	22	11	222	3	4	0
Kalimpong	0830	1209	1491.3	878.7	+0.4	18.3	16.0	14.3	17.1	78	-3	2.3	-1.2	5.1	0	0	365	0	5	1	95	1	3	1	259	0	0
	1730	"	1463.7	875.7	+0.1	19.7	16.7	14.9	17.8	77	-5	2.2	-1.7	5.2	0	0	364	0	6	1	334	0	11	0	12	1	0
Darjeeling	0830	2128	1509.6	790.8	-0.1	14.0	12.0	10.2	13.3	81	+4	5.1	+0.1	1.0	0	0	91	38	1	0	0	3	37	6	1	274	5
	1730	"	1485.2	788.4	-0.2	13.4	12.0	10.9	13.5	86	+1	5.8	-0.1	1.9	0	2	106	6	0	0	1	1	69	21	0	257	10
Kohima	# 0830																										
	# 1730																										
Shillong	0830	1598	1490.8	839.5	+0.9	17.9	14.2	11.5	14.2	68	+2	4.0	-0.1	3.1	0	4	199	10	14	27	22	25	53	39	13	162	0
	1730	"	1466.5	837.3	+1.3	17.0	15.0	13.8	16.0	82	+5	5.4	-0.7	1.9	0	6	106	3	4	7	13	21	40	22	2	253	0
Cherrapunji	0830	1313	1493.2	868.1	-0.3	18.3	15.7	13.7	16.3	76	0	-	-	5.4 (b)	0	0	360	3	192	3	12	1	144	0	5	3	0
	1730	"	1479.9	866.7	+0.8	18.3	15.9	14.2	16.7	79	-5	-	-	5.7 (b)	0	0	338	1	98	0	3	0	226	5	5	25	0
Abu	0830	1195	#	#	-	19.4	13.7	8.5	11.8	54	-1	2.0	-0.6	#	#	#	#	7	6	0	1	28	49	23	5	246	0
	1730	"	#	#	-	#	#	#	#	#	-	#	-	#	#	#	#	13##	8	0	0	35	68	30	6	175	0
Aijal	# 0830																										
	# 1730																										
Pachmarhi	0830	1075	1503.6	893.4	+0.1	21.2	15.4	10.1	13.7	56	-6	3.2	-0.6	3.0	0	0	258	9	27	36	11	17	15	58	85	107	0
	1730	"	1484.8	890.8	0	25.7	16.6	8.3	12.6	42	-10	3.8	-0.3	3.2	0	0	320	15	75	5	4	6	15	56	144	45	0
Mahabaleshwar	0830	1382	1504.3	862.4	-0.2	18.3	14.5	10.6	14.0	68	+1	3.3	-0.6	11.6	0	8	357	3	169	1	38	3	98	2	51	0	0
	1730	"	1489.7	860.8	+0.1	22.4	17.4	13.7	16.4	65	-5	3.4	-0.7	11.9	0	3	362	4	116	2	27	0	100	2	114	0	0
Mercara	0830	1152	1505.0	885.8	+0.1	19.2	17.4	16.2	18.5	83	-3	4.1	-0.4	11.9	0	44	320	43	116	57	2	6	3	99	9	1	29
	1730	"	1487.8	883.7	+0.1	22.7	19.1	16.8	19.6	73	-3	4.7	0	10.7	0	28	333	18	57	24	0	2	11	164	55	4	30
Ootacamund	0830	2249	1514.6	780.1	+0.5	13.3	11.2	9.5	12.0	79	+1	3.3	-0.6	1.8	0	0	121	5	25	14	4	11	35	27	0	244	0
	1730	"	1479.7	777.8	-0.3	16.1	13.6	11.9	13.9	77	+1	5.0	-0.3	2.1	0	0	187	2	49	55	6	5	27	40	3	178	0
Coonoor	# 0830																										
Kodaikanal	0830	2343	3153.0	771.3	-0.1	14.5	10.7	8.6	10.8	72	+1	4.8	+0.5	9.8	0	30	308	48	48	35	49	11	5	54	88	27	0
	1130	"	3162.2	772.3	-	27.1	13.3	10.4	12.9	68	-	5.6	-	11.0	0	40	312	43	51	40	81	14	5	43	75	13	0
	1730	"	3135.3	969.7	-0.1	14.5	12.9	11.7	12.8	85	+2	6.7	+0.6	8.1	0	21	282	46	26	25	55	10	5	57	79	62	0

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

(a) Data for 361 days. (f) Data for 360 days. (b) Data for 363 days. ## Data for 335 days.

Table III - Summary of Observations at Fixed Hours for the year 1966

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.)																											
Okhaldhunga	0830	-	-	-	-	16.1	13.3	10.9	14.0	75	-	3.4	-	0.9	0	1	81	3	0	3	13	12	11	27	12	283	1
	1130	-	-	-	-	19.0	14.4	10.7	14.0	63	-	3.4	-	2.1	0	0	175	2	1	3	9	30	26	92	9	190	3
	1730	-	-	-	-	16.3	13.4	10.9	14.1	75	-	4.0	-	3.4	0	2	203	3	1	0	7	10	13	154	17	160	0
Chainpur	0830	-	-	-	-	18.7	15.7	13.4	16.3	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	20.1	16.5	13.8	16.7	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Angbung	# 0830																										
	# 1730																										
Barahakshetra	0830	146	1009.5	992.9	-	23.2	19.6	17.1	20.8	72	-	3.3	-	2.0	0	0	268	4	28	36	28	15	75	31	51	97	0
	1130	"	1008.1	991.7	-	27.5	21.7	18.1	21.9	60	-	3.6	-	3.1	0	0	321	3	5	12	4	15	164	95	20	44	3
	1730	"	1005.3	988.9	-	25.1	21.2	18.2	22.4	69	-	3.5	-	1.8	0	0	237	2	7	102	39	11	42	22	8	128	4
TISTA CATCHMENT																											
Gangtok	0830	1812	1490.4	818.7	-	14.6	12.8	11.4	14.3	82	-	4.6	-	-	#	-	-	25	34	1	1	12	3	1	1	287	0
	1130	"	1481.5	818.2	-	18.3	15.0	12.6	15.4	71	-	4.9	-	-	#	-	-	12	12	4	13	112	97	17	2	95	1
	1730	"	1463.2	816.3	-	16.1	13.9	12.3	15.0	79	-	6.3	-	-	#	-	-	10	15	6	35	89	26	1	0	183	0
Gezing	0830	-	-	-	-	16.8	14.9	13.5	16.3	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1730	-	-	-	-	17.4	15.3	13.7	16.5	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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