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GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

# INDIA WEATHER REVIEW, 1948

## ANNUAL SUMMARY

## PART A

# SUMMARY OF WEATHER WITH TABLES

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**V. V. SOHONI, M.Sc.,**

*Director General of Observatories*

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Errata to India Weather Review 1948, Annual Summary, Part A

| Page No. | Station | Column No. | Month | For | Read |
|---|---|---|---|---|---|
| A 8 | Tezpur | 18 | - | ✦23.8 | 23.8 |
| | Saugor Island | 1 | - | Saugor Islan | Saugor Island |
| A13 | Surat | 31 | - | 2.7 | 27 |
| A26 | Baroda | 3 | May | 100.6 | 1000.6 |
| A29 | Kodaikanal | 1 | - | Kooaikanal | Kodaikanal |
| | " | 3 | August | 76 8 | 768.8 |
| A32 | Trivandrum | 15-16 | March | 0.3 | 0.8 |
| | " | 16-17 | March | 0.8 | 0.6 |
| | " | Average total per day. | March | 3.6 | 8.6 |
| A40 | Calcutta | 6 | June | 1008.0 | 1000.8 |
| A42 | Veraval | 6 | June | 100.8 | 1000.8 |
| A49 | - | Name of station. | - | Dum | Dum Dum |
| | - | -do- | - | Cal | Calcutta |
| | - | -do- | - | Saugor | Saugor Island |
| | - | Note at bottom. | - | Means | Totals |
| A50 | - | -do- | - | Means | Totals |
| A51 | - | -do- | - | Means | Totals |
| A52 | - | -do- | - | Means | Totals |
| A70 | Bombay | 0.01-1.00 | July | 408 | 308 |
| A74 | Seychelles | - | - | Scychelles | Seychelles |
| A82 | - | Heading | - | > 10.03 | > 10.00 |
| | Mahabaleshwar | >10.00 | July | 1π | 1 |
| | " | -do- | August | 4 | 4 π |
| A83 | Seychelles | Heading | - | 0.26-0.60 | 0.26-0.50 |
| | " | -do- | - | 3.01-3.00 | 2.01-3.00 |
| | " | 2.01-3.00 | November | .. | 3 |
| A84 | Gaya | >10.00 | July | 2 | .. |
| | " | -do- | August | 10.04 | 2 |
| | | | | 12.23 | 10.04 |
| | | | | | 12.23 |
| A85 | Cherrapunji | -do- | August | (21.15 | 2 |
| | | | | 11.51) | (21.15 |
| | | | | | 11.51) |
| A86 | Kodaikanal | -do- | November | {10.13 | 2 |
| | | | | {11.79 | {10.13 |
| | | | | | {11.79 |
| A87,) A88,) A89 ) | - | Heading | - | > 5.00 | ≥ 5.00 |
| A90,) | | | | Month | Cents |
| A91,) | - | -do- | - | | Month |
| A92 ) | | | | > 40 | ≥ 40 |
| A99 | Allahabad | Vel. / Dn. | June | 42 / WSSW | 42 / W,SSW |
| A108 | Jodhpur | - | - | Sodhpur | Jodhpur |
| A120 | Bombay | Name of station. | - | Bom | Bombay |
| | Poona | | | Poo | Poona |
| | Kodaikanal | | | Kodai | Kodaikanal |
| A122 | - | Heading | - | 35 | ≤35 |
| A123 | - | -do- | - | <35 | <35 |
| A124 | - | -do- | - | <35 | <35 |
| A125 | - | -do- | - | 35 | <35 |

# INDIA WEATHER REVIEW, 1948

## ANNUAL SUMMARY

## PART A

## Weather and Rainfall of 1948

*Summary.*—The western disturbances during the *cold weather period*, January and February and their secondaries moving across Rajputana and the central parts of the country caused excess of rainfall in Kashmir, the East Punjab, Rajputana, the east United Provinces, the central parts of the country, Orissa, West Bengal and Assam. A trough of low pressure appeared off the Konkan-Kathiawar coast by the middle of January. It caused fairly widespread showers in the Bombay Presidency during the second half of the third week and, in the course of its movement northeastwards across the country, it also caused widespread rain in the region extending from the Konkan to Bihar on the 22nd and local rain over the same region on the following day. There was also a strengthening of the northeast monsoon at the end of the second week of January and widespread and locally heavy rain occurred in southeast Madras on the 17th and 18th with well-distributed rain in Mysore and Malabar on the 18th and 19th. The northeast monsoon was generally weak during February. The western disturbances in the first fortnight of February did not cause any appreciable precipitation over the country outside northwest India. The western disturbance of the second fortnight of February, however, gave sufficient precipitation to make up for the earlier shortage of the month and an excess in rainfall resulted in the East Punjab, west Central India, and Orissa.

The chief features of the weather during the *hot weather period*, March to May, were comparative inactivity of the western disturbances after the middle of March resulting in deficit rainfall over most parts of northern India and marked thunderstorm activity in Assam and in the Peninsula during the latter half of the period. There was a quick succession of western disturbances during the first half of March and some of them induced active secondaries, giving good rainfall which, in some parts of northern India, more than made up for the subsequent inactivity of the disturbances during the second half of the month. Fairly widespread rainfall occurred in Malabar, Mysore and the south Deccan on the last day of the month and thus caused an excess of rainfall in Malabar and south Hyderabad. The weather during April was marked on the one hand by deficient rainfall in northern India due to western disturbances being feeble, and on the other hand by a marked thunderstorm activity in Assam, West Bengal and the Peninsula during the second fortnight ; rainfall was in large excess in the first two divisions and in south Hyderabad, Mysore and the Madras Deccan. May was characterised by marked thunderstorm activity in Assam, West Bengal, Malabar, Mysore and southeast Madras resulting in an excess in month's rainfall there.

The outstanding feature of the year's monsoon was scanty rainfall in Gujarat, although there was generally good monsoon over the rest of the country. The monsoon arrived about 10 days late both on the west coast and in northeast India. It arrived in Malabar on the 11th June, extended to the Konkan and the Bombay Deccan by the 13th, in northeast India on the 15th and was mostly confined to these regions during June. In July, the monsoon was active over the whole country except in Gujarat where there was large defect in rainfall. In the first fortnight of August also, the monsoon remained active and was occasionally strong over the country outside Gujarat. During the latter half of August, however, it weakened generally over the country, remaining strong only in the Gangetic plain. Vigorous monsoon prevailed in the United Provinces, while it was strong in the central parts of the country and generally weak elsewhere during the first half of September. Thereafter the monsoon withdrew from northern and Central India also.

The outstanding feature of the weather during *the retreating monsoon period*, October to December, was the severe cyclonic storm which struck the Konkan coast near Bombay on the morning of the 22nd November with devastating consequences. In all three cyclonic storms and one depression formed in the Indian Sea area during the period of the retreating monsoon ; two of the cyclonic storms formed in the Arabian Sea, one in October and one in November while one storm and one depression formed in the Bay of Bengal, both in October.

The first depression of the period formed in the northeast Bay of Bengal and moved into Eastern Pakistan, causing widespread rain on the first four days of October in northeast India, with locally heavy falls in Assam and West Bengal. The first Arabian Sea cyclone which appeared as a depression in the east Arabian Sea on the 20th October moved away northwestwards to south Arabia. In the earlier stages of its development, however, it gave fairly widespread thundershowers in the southern and western parts of the Peninsula. The cyclonic storm in the Bay of Bengal which appeared as a depression in the southeast Bay on the 29th October and crossed the Circars coast near Masulipatam

on the 2nd November, was responsible for widespread rainfall in the Madras Presidency, Orissa, Berar, Hyderabad and the north Bombay Deccan during the first week of the month. The last cyclone of the season which formed about 400 miles west of Cochin and crossed the Konkan coast about 45 miles north of Bombay on the 22nd November, caused great havoc and heavy loss of life and property in the city of Bombay, and completely. paralysed all means of traffic and communication in the city. A record wind speed of 94 m.p.h. (in gust) was experienced in Bombay and the storm left a trail of destruction throughout the city of Bombay and its suburbs. Associated with the formation and movement of this cyclone, widespread rain fell in southeast Madras, Mysore and Malabar from the 18th to 20th November and over the region from the south Konkan and Kathiawar to west Central India and the west Central Provinces from the 21st to 24th November. Rainfall was locally heavy in the north Konkan, the north Bombay Deccan, west Central India and the west Central Provinces.

The northeast monsoon was active in the eastern half of the Peninsula during the second fortnight of Ocotber and again between the 7th and 9th November, when some locally very heavy falls of rain occurred on the Circars coast. Preceding the formation of the last cyclonic storm of the season, vigorous northeast monsoon conditions prevailed over southeast Madras between the 14th and 17th November. The western disturbances of the season were generally inactive and the northeast monsoon also weakened after the November cyclone, with the result that the month of December was unusually dry, with scanty or no rainfall over most parts of the country.

I. *Cold weather period, January and February.*—Some of the nine western disturbances of the month of *January* induced active secondaries, giving excess of rainfall over many parts of northern India. The last western disturbance of the previous month, together with its secondary which appeared over the central parts of the country and moved eastnortheastwards, caused local thundershowers in the East Punjab, Central India and the United Provinces on a few days during the first half of the week and widespread thundershowers in Orissa, Chota Nagpur and Bihar on the 5th. The first western disturbance of the month moved away through the North-West Frontier Province and Kashmir after causing local showers in the northeast Punjab on the 7th and 8th. The second moved away through the North-West Frontier Province and Kashmir on the 9th and 10th and induced an active secondary over Central India on the 11th; the third disturbance, which moved through the North-West Frontier Province and Kashmir on the 14th and 15th, also induced a secondary off the Kathiawar-Konkan coast on the 16th. In association with the secondaries of these two western disturbances, fairly widespread thundershowers occurred in Central India betweenthe 11th and 14th with local rain in Rajputana on the 12th and 13th and fairly widespread rain in the Konkan, Gujarat and the Bombay Deccan between the 19th and 21st. In the rear of the third western disturbance, a marked cold wave swept over Kashmir between the 15th and 20th. The fourth western disturbance and its secondary gave widespread rain in east Rajputana and the East Punjab between the 19th and 21st. Disturbed weather followed the passage of the secondaries of the third and fourth western disturbances and widespread rain occurred over the region from the Konkan to Bihar on the 22nd. Of the remaining western disturbances which moved across the country, the seventh together with its secondary was responsible for well-distributed rainfall in the west United Provinces, east Rajputana and the central parts of the country between the 29th and 30th. In association with a depression which formed in the south Bay of Bengal and moved as a low pressure wave into the southeast Arabian Sea across the Gulf of Mannar, widespread and locally heavy rain fell in southeast Madras on the 17th and 18th, the rainfall extending to Mysore and Malabar on the 18th and 19th.

Most of the eight western disturbances of *February* were active. The last western disturbance of the previous month together with its secondary, caused local rain in and near the Punjab-Kumaon hills on the 3rd and 4th. Scattered showers occurred in the East Punjab hills after the 4th and under the influence of the first western disturbance of February continued till the 9th. The second disturbance of the month induced a secondary over Sind and Rajputana. The third disturbance moved across the Mekran on the 13th and merged into the secondary of the previous one and, moving eastwards, gave scattered showers in Central India and in the United Provinces between the 12th and 14th. The next disturbance was responsible for local thundershowers in Rajputana on the 18th and widespread rain in the United Provinces and local rain in Chota Nagpur and Bihar on the 19th. The fifth and sixth western disturbances caused widespread rain in the East Punjab and west Rajputana on the 21st, and in the west United Provinces on the 22nd. The last two western disturbances caused fairly widespread rain in the East Punjab, north Rajputana and the west United Provinces on 27th and along and near the East Punjab hills on the 28th. Local showers occurred in the east United Provinces, Bihar and Chota Nagpur on the 3rd and 4th and this was followed by fairly widespread thundershowers in West Bengal from the 5th to 7th. Local thundershowers also occurred along the north Madras coast on the 11th, in Orissa on the 12th and 13th, in Gangetic West Bengal on the 13th and in Assam on the 15th and 16th, and again in Orissa on the 28th along with a few falls of rain in West Bengal and Assam. Weather was unusually dry in the Peninsula during the month.

The total rainfall during the cold weather period was in large excess in Orissa, Rajputana, west Central India, Berar, the west Central Provinces, and the Bombay Province, in moderate excess in West Bengal, the East Punjab, east Central India, the east Central Provinces and the Madras Presidency outside the Madras Deccan and in slight excess in Assam and the east United Provinces. It was normal in Chota Nagpur and the west United Provinces, in slight defect in Kashmir and in moderate to large defect elsewhere. Averaged over the plains of India, the rainfall for the season was 50 per cent. in excess.

The mean maximum temperature was above normal in Bihar and below normal in Kashmir, east Rajputana and Berar. The mean minimum temperature was normal in the Bay Islands, Assam, the west United Provinces, northwest India, west Central India, the Konkan and Malabar and above normal elsewhere.

Relative humidity was in excess in Orissa, the west United Provinces, northwest India outside Kashmir, in the central parts of the country, the Bombay Deccan and Hyderabad and normal elsewhere.

Cloud amount was in excess in the Bay Islands, West Bengal, Chota Nagpur, Bihar, the east United Provinces, east Rajputana, the central parts of the country, the Bombay Province, north Hyderabad, Mysore and Malabar and normal elsewhere.

II. *The Hot weather period, March to May.*—Local thundershowers occurred in the Bombay Deccan and north Hyderabad, with a few thundershowers in the central parts of the country on the 6th and 7th of *March*. Of the nine western disturbances that affected the weather during the month, the first three moved in quick succession during the first week of the month ; the second and the third induced secondaries off Mekran, which later merged into one and gave rise to a period of disturbed weather over northwest India till the 13th. Fairly widespread rain occurred in north Rajputana, the East Punjab and the west United Provinces between the 7th and 13th, with locally heavy falls in the East Punjab hills between the 11th and 13th. The heavy rains were reported to have caused floods in the Ravi river. A low pressure wave moving from the north Deccan to Eastern Pakistan across the head of the Bay of Bengal caused local thundershowers in West Bengal on the 14th and 15th, some of these thundershowers being accompanied by hail and severe squalls. The rest of the western disturbances were generally feeble but a low pressure wave associated with one of these, moving eastwards caused local thunder rain in Assam, Chota Nagpur, Orissa and the Central Provinces between the 26th and 30th. A low pressure wave moving westwards through the extreme south of the Bay of Bengal caused fairly widespread rain in Malabar, Mysore and the Madras Deccan on the last day of the month. The succession of active western disturbances and their secondaries gave an unusually warm spell over northern India during the first fortnight. This was later followed by a marked cold spell over the country during the third week. On the 15th, the night temperatures were more than 12°F. below normal over the region extending from the southeast Punjab and the west United Provinces to north Hyderabad and dropped to more than 16°F. below normal at some stations in the west United Provinces.

The last western disturbance of March caused fairly widespread rain in Kashmir on the 2nd April, and in the East Punjab on the 3rd. Only two of the other western disturbances were active, and the rainfall associated with them was confined to Kashmir. One of them, however, induced a secondary over Sind and the adjoining parts of west Rajputana, which in the course of its eastward movement, gave local showers in west Rajputana and west Central India on the 18th. Most of the six fresh western disturbances that affected the weather over the country during *April* were feeble, with the result that the month's rainfall was generally in large defect in northwest India and the United Provinces. The thunderstorm activity in northeast India and the Peninsula was, however, pronounced, particularly during the second half of the month. There was good thunderstorm activity in many parts of the Peninsula on the 1st and 2nd and also on several days in the second fortnight. Some of the thunderstorms during the latter period were accompanied by severe squalls. Thunderstorm activity was also very well marked in Assam on many days between the 10th and the end of the month. Day temperatures were appreciably above normal over the country north of Lat. 20°N. on most days of the month.

There was marked thunderstorm activity in Assam throughout the month of *May* and in Malabar and Mysore during the first fortnight of the month. Some heavy falls of rain occurred in Assam and Mysore in the first fortnight, during which period other parts of northeast India also received their usual share of thunderstorm-rain ; northwest India and the central parts of the country were, however, more or less dry. A depression formed in the Andaman Sea on the 15th and crossed the coast near Akyab on the 19th. Under its influence moist air penetrated into northeast India and widespread thundershowers with some heavy falls occurred in Assam and West Bengal between the 19th and 23rd.

Of the three western disturbances of the month, the third was responsible for widespread thundershowers in the United Provinces on the 22nd. In association with a "low", which was induced over east Central India by the third disturbance and moved eastnortheastwards, thundershowers occurred over many parts of northeast India between the 23rd and 26th. Day temperatures were appreciably above normal over most parts of the country throughout the month. Temperatures were abnormally high along the north Madras coast and a number of deaths due to sunstroke were reported from Bezwada in the Krishna District.

The total rainfall for the hot weather period was in moderate to large excess in Assam, West Bengal, the East Punjab, Kashmir and Mysore, in slight excess in the Madras Deccan and normal in the Bombay Deccan and Malabar. It was in slight defect in Orissa, Chota Nagpur, south Hyderabad, southeast Madras and the north Madras coast and in moderate to large defect elsewhere. Averaged over the plains of India, the rainfall for the period was in excess by 5 per cent.

Both the mean maximum and minimum temperatures were above normal in west Rajputana, west Central India and the west Central Provinces, while the mean maximum temperature alone was above normal in the East Punjab and east Central India and the mean minimum temperature alone was above normal in east Rajputana, Gujarat and Berar. Both the mean maximum and minimum temperatures were normal elsewhere.

Relative humidity was normal over the country outside West Bengal, the East Punjab, Gujarat and east Central India where it was in excess.

Cloud amount was in excess in the Bay Islands, West Bengal, Chota Nagpur, Mysore, southeast Madras and the Madras Deccan and in defect in the United Provinces, northwest India, east Central India and Berar. It was normal elsewhere.

III. *The southwest monsoon period, June to September.*—The Arabian Sea branch of the monsoon arrived in Malabar on the 10th *June* ten days after the normal date. Advancing rapidly thereafter, it extended into the Konkan, the Bombay Deccan, west Central India and the west Central Provinces by the 14th. The advance of the monsoon over the Konkan was attended with severe squalls and rough seas resulting in the grounding of some ships off the west coast ports, and the wrecking of a few barges. After a few days' activity, the monsoon weakened in the interior of the country and was generally confined to the Konkan and Malabar till the end of the month. The Bay branch advanced into Assam by the 15th and was normally active there till the 24th. A depression, which formed in the north Bay of Bengal on the 24th and moved upto the southeast United Provinces, carried the monsoon into the rest of northeast India and the east United Provinces by the 26th. Simultaneously, it also stimulated the Arabian Sea branch in the central parts of the country, and from the 25th to 28th there was well-distributed rainfall over the whole country outside northwest India.

The monsoon was generally feeble in the first week of *July*; during this week there was well-distributed rain only in the west coast and over the region extending from the northern districts of the east United Provinces to upper Assam. However, under the influence of a depression, which formed in the north Bay on the 7th and moved upto the United Provinces, the monsoon strengthened in northeast India, the central parts of the country and the United Provinces in the second week; and thereafter till the end of the month, it continued active over these regions, and extended into the East Punjab by the end of the third week. The monsoon also extended into Gujarat during the last ten days, but it was weak there. The heavy rains in the Brahmaputra catchments in the first week of July caused very heavy floods in that river. This resulted in serious damage to standing crops and distress to thousands of people in many parts of Assam.

After a few days of subdued activity over the country in the beginning of *August* the monsoon revived over the Gangetic plain in association with a "low" which developed over Bihar and moved to north Rajputana by the 11th. Well-distributed rain fell over the region extending from Assam to the East Punjab during this period. The monsoon was also active over the western half of the Peninsula during the first ten days of August. The formation of a cyclonic storm in the north Bay and its movement to the east United Provinces kept the monsoon active over the belt of the country from Gujarat and the north Konkan to north Orissa during the next week. Thereafter, the monsoon became weak in northeast India and the eastern half of the Peninsula, but it continued to be strong in the United Provinces, the East Punjab, east Rajputana and the central parts of the country till the end of the month. Locally very heavy rain occurred in the west United Provinces during the last week of August.

The monsoon continued to be strong in the west United Provinces, the East Punjab, Central India and the west Central Provinces during the first week of *September*. Very heavy rains in the plains of the United Provinces during the period, preceded by heavier falls in the hills, resulted in disastrous floods in the Ganga and the Yamuna. According to newspaper reports the Ganga rose to record levels, overflowing its banks, submerging hundreds of villages and rendering thousands of people homeless. The worst affected districts were Banaras, Allahabad, Kanpur and Lucknow. In Banaras city the streets were reported to have been covered by flood water to such heights that boat traffic was the only means of rendering aid to the stranded people. The monsoon abated in the west United Provinces after the first week, but continued strong over the region from the east United Provinces to the north Central Provinces and Bihar for another week, when locally very heavy rain fell in and around Bihar and the east United Provinces. This heavy rainfall resulted in further rise in the already overflowing Ganga and caused considerable damage to crops in Bihar. The monsoon withdrew from northwest India by the 13th of September and from the United Provinces and Central India in the beginning of the third week. The monsoon which had been generally weak in the Peninsula during the first half of the month became strong over the Deccan and the north Madras coast and vigorous along the Konkan in the beginning of the 4th week in association with a depression which moved from the west Central Bay, across Deccan, into the east Central Arabian Sea. This depression became a storm on emerging out into the Arabian sea and moved northwestwards skirting along the west coast of Kathiawar and then moved away westwards. It strengthened the monsoon in Gujarat where widespread light to moderate rain occurred during the fourth week. Towards the end of the month, the monsoon was generally weak in the Peninsula and northeast India. It finally withdrew from the country by the 5th October.

The total rainfall for the period June to September was in moderate excess in the east United Provinces, Kashmir and west Central India and in slight excess in the west United Provinces and east Central India. It was in slight defect in Orissa, west Rajputana, southeast Madras and the Madras Deccan, in large defect in Gujarat and normal elsewhere. Averaged over the plains of India, the rainfall for the season was in excess by 2 per cent.

The mean maximum temperature was below normal in Berar and north Hyderabad and normal elsewhere. The mean minimum temperature was normal over the whole country.

Relative humidity was normal over the country.

Cloud amount was in excess in the east United Provinces, west Central India, the west Central Provinces and southeast Madras and in defect in west Rajputana. It was normal elsewhere.

IV. *The period of the retreating monsoon, October to December.*— Associated with the formation of a depression in the northeast Bay of Bengal early during *October*, and its subsequent movement inland, fairly widespread rain occurred in northeast India in the first four days of the month, with locally heavy falls in Assam and West Bengal. In association with a shallow 'low' which appeared over Mysore and the neighbourhood on the 9th and moved out into the southeast Arabian Sea, fairly widespread thunderrain occurred in and around the south Bombay Deccan and local thundershowers in the rest of the Peninsula between the 9th and 15th. The heavy rains in the Bijapur district were reported to have resulted in floods in the canals and streams in the district with the loss of a few lives. In association with the unsettled conditions, which appeared in the north Bay of Bengal on the 11th and became unimportant by the next day, fairly widespread thunderstorm-rain occurred in northeast India. Early in the third week of October the northeast monsoon became active on the Coromandel coast and remained active in the south of the Peninsula till the 23rd ; it was vigorous on the 19th when widespread rain fell over the whole of the Peninsula south of Lat. 15°N., with lcoally heavy falls along the Coromandel coast. A depression, which formed in the southeast Arabian Sea off south Malabar on the 20th, moved northwestwards and developed into a cyclonic storm on the 23rd ; it caused fairly widespread thundershowers in the southern half of the Peninsula and in the Konkan and the south Bombay Deccan between the 20th and 23rd. A western disturbance moving across the East Punjab caused local thundershowers in and around the hills of the East Punjab and the west United Provinces on the 8th. Its secondary, which developed over north Rajputana and moved eastwards to Bihar, caused local thundershowers in the United Provinces between the 10th and 17th and in northeast India on the 14th and 15th. A depression formed in the southeast Bay of Bengal on the 29th and intensified into a cyclonic storm by the 31st.

The cyclonic storm which developed in the Bay of Bengal towards the end of October, crossed the coast just south of Masulipatam in *November*. It weakened rapidly into a shallow depression and became unimportant over the northwest Deccan by the 6th. Under its influence widespread rain fell along the Orissa coast during the first three days of the month, in the Madras Presidency, Hyderabad and Berar from the 4th to 7th and over the region from the north Bombay Deccan to Chota Nagpur on the 6th and 7th. The northeast monsoon became strong over the Peninsula between the 8th and 10th, when some very heavy rainfall occurred along the Circars coast. Thereafter it weakened somewhat, but strengthened again by the 14th when conditions became unsettled to the east of Ceylon. The unsettled conditions moved westwards into the Arabian Sea, causing vigorous monsoon in southeast Madras where some very heavy falls of rain occurred. The unsettled conditions concentrated into a depression about 400 miles to the west of Cochin on the 18th. The depression intensified into a cyclonic storm by the 19th morning as it moved north, became severe on the night of 21st and hit the Konkan coast 45 miles north of Bombay on the 22nd morning. Thereafter the cyclone weakened rapidly and became unimportant over Berar and the west Central Provinces. It caused great havoc and heavy loss of life and property in the Bombay city and suburbs and completely paralysed all means of communication in that city for the two days. A record wind speed of 94 m.p.h. (in gust) was reached at 10 hours I.S.T. on the 22nd, while winds exceeding 50 m.p.h. blew over the city for five hours from 6 a.m. A number of sailing vessels and smaller craft capsized off the Bombay harbour and heavy loss of life was reported. The cyclone caused widespread rainfall in southeast Madras, Mysore and Malabar between the 18th and 20th and over the region from Kathiawar and the south Konkan to the west Central Provinces and west Central India from the 21st to 24th, with locally heavy falls in the north Konkan, the north Deccan, the west Central Provinces and west Central India. The rainfall extended to southeast Rajputana, east Central India, the northeast Central Provinces, Chota Nagpur and the southern districts of the east United Provinces on the 24th and 25th. Under the influence of a 'low' which developed over Orissa on the 28th and subsequently moved eastnortheastwards across the northeast Bay of Bengal, well-distributed rain fell in northeast India outside south Orissa and north Bihar on the last three days of the month, with locally heavy falls in Gangetic West Bengal on the 28th and 29th.

Of the nine western disturbances which affected the weather over north India during *December* only the first two were active. Moving northeastwards from Baluchistan to Kashmir, they caused local thundershowers in the plains of the East Punjab and in Kashmir and widespread rain or snow in the hills of the East Punjab and the west United Provinces from 3rd to 5th; the second disturbance induced a feeble secondary over west Rajputana on the 6th, which moved to west Central India on the 8th and caused scattered showers there. The northeast monsoon was generally inactive but gave three short spells of wet weather, one on the 8th, one between the 19th and 21st and the last one between the 28th and 29th. During these spells fairly widespread rainfall occurred in southeast Madras, the rainfall occasionally extending to Malabar.

The total rainfall for the period October to December was in large excess in West Bengal, Chota Nagpur, Bihar, Central India, Berar, the west Central Provinces, the Bombay Province and Hyderabad and in slight to moderate excess in Assam, the east United Provinces, Kashmir and the east Central Provinces. It was normal in Orissa, the west United Provinces, Mysore, the Madras Deccan and the north Madras coast, in slight defect in east Rajputana, Malabar and southeast Madras and in moderate to large defect in the East Punjab and west Rajputana. Averaged over the plains of India, the rainfall for the periodwas in excess by 19 per cent.

Both the mean maximum and minimum temperatures were normal over the country except in Chota Nagpur, west Rajputana, the central parts of the country, the Bombay Province and Hyderabad where the mean minimum temperature alone was above normal.

Relative humidity was in excess over the country outside the Bay Islands, Assam, West Bengal, Orissa, west Rajputana, the east Central Provinces, the Konkan and the Madras Presidency where it was normal.

Cloud amount was in excess in northeast India outside Orissa, in the United Provinces, Central India, Berar, the west Central Provinces, the Bombay Deccan, Hyderabad and Mysore and in defect in the East Punjab and west Rajputana. It was normal elsewhere.

V. *Year* :

Taking the year as a whole, rainfall was in moderate excess in the east United Provinces and Central India and in slight excess in Assam, the west United Provinces, the East Punjab, Kashmir, east Rajputana, Berar, the west Central Provinces, the Bombay Deccan and Mysore. It was in slight defect in Orissa, west Rajputana, southeast Madras and the Madras Deccan and 48 per cent. in defect in Gujarat. Elsewhere it was normal. Averaged over the plains of India, the year's total rainfall was 5 per cent. in excess.

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*N.B.*—The Indian standard time used in this publication is 5 hrs. and 30 mts. in advance of G.M.T.

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.

# Table I. Divisional and sub-divisional means for the year 1948.

| | Rainfall.* | | | | Departure from normal of | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 8 hrs. I. S. T. | | |
| | Actual. | Normal. | Departure from normal. | Percentage departure from normal. | Maximum temperature. | Minimum temperature. | Vapour pressure. | Relative humidity. | Cloud. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | " | " | " | | ° | ° | Mbs. | % | |
| **Division** | | | | | | | | | |
| Assam . . . | 95·62 | 77·93 | +17·69 | +23 | +0·1 | +0·1 | 0 | —2 | +0·7 |
| West Bengal . . | 80·75 | 73·13 | +7·62 | +10 | —0·3 | +1·0 | +1·0 | +4 | +0·8 |
| Orissa . . . | 51·51 | 58·05 | —6·54 | —11 | +0·1 | +1·0 | + 1·1 | +3 | +0·4 |
| Bihar . . . | 55·09 | 49·73 | +5·36 | +11 | +0·6 | +1·1 | +1·3 | +3 | +0·8 |
| United Provinces . | 51·76 | 41·55 | +10·21 | +25 | +0·2 | +1·3 | +1·2 | +5 | +0·6 |
| East Punjab . . | 27·82 | 25·80 | +2·02 | +8 | +0·8 | +0·6 | +1·0 | +6 | —0·3 |
| Rajputana . . | 21·97 | 19·17 | +2·80 | +15 | +0·6 | +1·4 | +1·1 | +5 | —0·1 |
| **Sub Division** | | | | | | | | | |
| 1. Bay Islands . | 132·66 | 123·33 | +9·33 | +8 | +0·8 | +1·0 | —0·1 | —1 | +0·8 |
| 2. Assam . . | 95·62 | 77·93 | +17·69 | +23 | +0·1 | +0·1 | 0 | —2 | +0·7 |
| 3. West Bengal . | 80·75 | 73·13 | +7·62 | +10 | —0·3 | +1·0 | +1·0 | +4 | +0·8 |
| 4. Orissa . . | 51·51 | 58·05 | —6·54 | —11 | +0·1 | +1·0 | +1·1 | +3 | +0·4 |
| 5. Chota Nagpur . | 57·78 | 52·58 | +5·20 | +10 | +0·4 | +1·1 | +1·5 | +4 | +1·0 |
| 6. Bihar . . | 54·11 | 48·30 | +5·81 | +12 | +0·8 | +1·1 | +1·2 | +3 | +0·7 |
| 7. United Provinces, East. | 55·52 | 42·67 | +12·85 | +30 | +0·1 | +1·5 | +1·1 | +4 | +0·8 |
| 8. United Provinces, West. | 47·96 | 40·41 | +7·55 | +19 | +0·4 | + 1·1 | +1·4 | +5 | +0·3 |
| 9. East Punjab . | 27·82 | 25·80 | +2·02 | +8 | +0·8 | +0·6 | +1·0 | +6 | —0·3 |
| 10. Kashmir . . | Data incomplete. | | | | | | | | |
| 11. Rajputana, West | 11·67 | 11·33 | +0·34 | +3 | +1·1 | +1·4 | +1·3 | +3 | —0·5 |
| 12. Rajputana, East. | 32·30 | 27·06 | +5·24 | +19 | +0·1 | +1·5 | +0·9 | +6 | +0·2 |
| 13. Gujrat . . | 12·74 | 25·00 | —12·26 | —49 | +0·7 | +2·1 | +1·4 | +5 | 0 |
| 14. Central India, West. | 49·13 | 41·61 | +7·52 | +18 | 0 | +1·6 | +1·2 | +8 | +1·0 |

| | Rainfall* | | | | Departure from normal of | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 8 hrs. I. S. T. | | |
| | Actual. | Normal. | Departure from normal. | Percentage dpearture from normal. | Maximum temperature. | Minimum temperature. | Vapour pressure. | Relative humidity. | Cloud. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| | " | " | " | | ° | ° | Mbs. | % | |
| **Division—*contd.*** | | | | | | | | | |
| Bombay . . . | 42·50 | 45·16 | —2·66 | —6 | +0·5 | +1·7 | +1·5 | +5 | +0·1 |
| Central India . . | 51·70 | 44·02 | +7·68 | +17 | +0·1 | +1·5 | +1·6 | +9 | +0·8 |
| Central Provinces and Berar | 54·58 | 48·87 | +5·71 | +12 | —0·1 | +1·8 | +1·4 | +5 | +0·9 |
| Hyderabad . . | 36·25 | 31·82 | +4·43 | +14 | —0·6 | +1·4 | +1·4 | +5 | +0·5 |
| Mysore . . . | 51·13 | 45·69 | +5·44 | +12 | —0·7 | +0·9 | +0·8 | +5 | +0·8 |
| Madras . . . | 44·14 | 48·36 | —4·22 | —9 | +0·1 | +1·1 | +0·7 | +1 | +0·7 |
| Mean of India . . | 46·83 | 43·52 | +3·31 | +8 | +0·2 | +1·3 | +1·2 | +4 | +0·5 |
| **Sub Division—*contd.*** | | | | | | | | | |
| 15. Central India, East. | 55·16 | 47·21 | +7·95 | +17 | +0·3 | +1·3 | +2·1 | +10 | +0·5 |
| 16. Berar . . | 40·64 | 32·84 | +7·80 | +24 | —1·2 | +1·7 | +2·0 | +8 | +0·7 |
| 17. Central Provinces, West. | 59·74 | 48·16 | +11·58 | +24 | —0·2 | +1·9 | +1·6 | +6 | +1·1 |
| 18. Central Provinces, East. | 53·99 | 56·36 | —2·37 | —4 | +0·4 | +1·8 | +0·9 | +3 | + 0·6 |
| 19. Konkan . . | 102·72 | 98·32 | +4·40 | +4 | +0·5 | +1·5 | +1·4 | +2 | +0·1 |
| 20. Bombay, Deccan | 48·90 | 44·24 | +4·66 | +11 | +0·3 | +1·3 | +1·7 | +6 | +0·4 |
| 21. Hyderabad, North | 41·41 | 32·86 | +8·55 | +26 | —1·3 | +1·7 | +1·5 | +6 | +0·5 |
| 22. Hyderabad, South | 31·65 | 30·54 | +1·11 | +4 | —0·2 | +1·2 | +1·3 | +5 | +0·6 |
| 23. Mysore . . | 51·13 | 45·69 | +5·44 | +12 | —0·7 | +0·9 | +0·8 | +5 | +0·8 |
| 24. Malabar . . | 108·10 | 108·28 | —0·18 | 0 | +0·6 | +0·5 | +1·1 | +2 | +0·5 |
| 25. Madras. Southeast | 33·21 | 40·61 | —7·40 | —18 | +0·3 | +1·5 | +0·3 | —1 | +1·0 |
| 26. Madras, Deccan . | 22·48 | 25·49 | —3·01 | —12 | —0·7 | +0·8 | +1·3 | +2 | +0·7 |
| 27. Madras Coast, North. | 37·22 | 39·93 | —2·71 | —7 | —02 | +1·0 | +0·9 | +1 | +0·2 |

*Based on data from the Meteorological observatories only as in Monthly Weather Reports. For fuller data see Tables XV to XX.

# Table II. Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.

| Station. | Height of barometer cistern above mean sea level in feet. | Pressure at station level in Millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Maximum temperature, °F. Mean. | Departure from normal. | Highest during the year. | Month. | Minimum temperature, °F. Mean. | Departure from normal. | Lowest during the year. | Month. | Dry bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Wet bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Vapour pressure, Millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Relative humidity, % Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| **Bay Islands.** | | | | | | | | | | | | | | | | | | | | | | |
| Port Blair | 259 | 1,002·1 | +0·5 | 999·6 | 85·6 | +0·7 | 93 | III | 74·5 | +0·1 | 66 | I | 81·3 | 79·6 | 76·4 | 75·5 | 28·8 | —0·1 | 28·3 | 79 | —1 | 82 |
| **Assam.** | | | | | | | | | | | | | | | | | | | | | | |
| Dibrugarh | 348 | 998·9 | —0·1 | 995·6 | 81·6 | +0·4 | 96 | VI, VIII, IX | 65·2 | 0 | 43 | I | 70·8 | 76·4 | 68·1 | 71·2 | 23·1 | —0·1 | 24·5 | 87 | —1 | 77 |
| Sibsagar | 317 | 1,000·0 | +0·1 | 996·0 | 81·5 | —0·1 | 96 | VIII, IX | 66·8 | +0·9 | 44 | XII | 71·6 | 76·8 | 69·4 | 72·5 | 24·3 | +0·1 | 25·9 | 89 | —1 | 81 |
| Tezpur | 258 | 1,002·2 | +0·1 | 997·7 | 83·6 | —0·1 | 96 | VIII, IX | 67·2 | 0 | 48 | I | 71·8 | 78·8 | 69·0 | 72·3 | +23·8 | +0·1 | 24·8 | 86 | +1 | 72 |
| Gauhati | 182 | 1,004·1 | +0·2 | 1,000·0 | 83·8 | —0·9 | 95 | III, VIII | .. | .. | 46 | II | 72·6 | 79·3 | 69·5 | 71·9 | 24·0 | +0·1 | 24·0 | 85 | +1 | 69 |
| Dhubri | 115 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Silchar | 96 | 1,007·6 | +0·2 | 1,003·7 | 85·1 | —1·0 | 97 | V | 68·1 | +0·6 | 48 | XII | 73·0 | 79·9 | 70·0 | 73·2 | 23·8 | —1·0 | 25·0 | 86 | +2 | 72 |
| **West Bengal.** | | | | | | | | | | | | | | | | | | | | | | |
| Dum Dum | 33 | 1,007·6 | .. | 1,004·4 | 87·6 | .. | 99 | III, VI | 71·5 | .. | 52 | I, XII | 77·3 | 83·2 | 72·6 | 74·1 | 26·1 | .. | 25·2 | 79 | .. | 64 |
| Calcutta | 21 | 1,008·1 | —0·3 | 1,004·7 | 88·4 | —0·1 | 100 | III, VI | 72·3 | +2·1 | 53 | II, XII | 76·5 | 82·7 | 73·2 | 74·7 | 27·3 | +1·5 | 26·2 | 85 | +3 | 68 |
| Saugor Islan | 10 | 1,008·3 | —0·3 | 1,005·3 | 84·3 | —0·9 | 94 | III | 74·5 | +1·1 | 52 | XII | 79·2 | 81·3 | 75·0 | 75·3 | 28·3 | +0·7 | 27·8 | 81 | 0 | 75 |
| Sandheads | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Midnapore | 149 | 1,003·3 | —0·6 | 1,000·0 | 89·4 | —0·5 | 110 | V | 71·3 | +0·5 | 50 | II | 75·6 | 84·0 | 71·9 | 74·0 | 25·9 | +1·8 | 24·7 | 82 | +9 | 62 |
| Contai* | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Burdwan | 106 | 1,005·1 | —0·4 | 1,001·3 | .. | .. | 108 | VI | 71·1 | +0·9 | 51 | II | 76·5 | 84·6 | 71·5 | 74·0 | 25·7 | +1·3 | 24·5 | 79 | +2 | 61 |
| Krishnagar | 48 | 1,006·9 | —0·6 | 1,003·7 | 89·3 | +0·6 | 106 | IV | 69·7 | +0·9 | 49 | II, XII | 74·1 | 84·3 | 71·6 | 74·9 | 26·4 | +1·3 | 25·8 | 88 | +11 | 64 |
| Asansol | 414 | 994·4 | —0·1 | 990·8 | 89·0 | —0·6 | 112 | V, VI | 70·0 | +1·3 | 48 | II | 75·9 | 83·8 | 71·2 | 73·6 | 25·0 | +2·4 | 24·3 | 79 | +7 | 63 |
| Berhampore | 62 | 1,006·8 | —0·3 | 1,003·1 | 88·9 | +0·9 | 109 | IV | 70·2 | +0·8 | 48 | II | 76·1 | 83·1 | 71·6 | 73·5 | 25·3 | +0·7 | 24·5 | 79 | +1 | 63 |
| Malda | 103 | 1,005·6 | —0·1 | 1,001·9 | 86·4 | —0·5 | 109 | VI | 69·0 | +1·3 | 45 | II | 75·9 | 82·4 | 70·7 | 72·5 | 24·3 | +0·3 | 23·5 | 77 | +2 | 62 |
| Jalpaiguri | 271 | 1,000·5 | 0 | 996·6 | 83·1 | —1·5 | 94 | V | 66·6 | +0·2 | 45 | II | 69·7 | 80·1 | 67·0 | 71·5 | 22·4 | —0·9 | 23·1 | 86 | +1 | 64 |
| **Orissa.** | | | | | | | | | | | | | | | | | | | | | | |
| Balasore | 65 | 1,006·6 | —0·2 | 1,003·2 | 88·0 | —0·7 | 115 | V | 72·2 | +1·5 | 50 | XII | 78·3 | 81·8 | 73·5 | 75·3 | 26·4 | +1·2 | 27·1 | 79 | +2 | 74 |
| Chandbali | 20 | 1,008·1 | —0·2 | 1,005·0 | 89·1 | +0·2 | .. | .. | 72·5 | +0·8 | 49 | XII | 77·4 | 83·2 | 73·9 | 75·4 | 27·7 | +1·2 | 27·0 | 85 | +3 | 69 |
| Puri | 20 | 1,008·3 | —0·1 | 1,005·2 | 86·1 | 0 | 97 | III | 75·6 | +0·9 | 57 | XII | 79·1 | 82·4 | 75·1 | 76·6 | 28·5 | +0·7 | 28·8 | 82 | +1 | 76 |
| Gopalpur | 56 | 1,006·9 | —0·3 | 1,003·7 | 86·1 | —0·2 | 99 | VI | 74·2 | +1·0 | 54 | XII | 78·3 | 82·0 | 74·7 | 76·5 | 28·4 | +1·5 | 29·3 | 84 | +4 | 76 |
| Cuttack | 87 | 1,005·5 | —0·8 | 1,001·2 | 90·4 | —0·4 | 117 | VI | 73·5 | +1·3 | 52 | XII | 77·1 | 85·5 | 73·4 | 75·1 | 27·1 | +1·4 | 25·4 | 83 | +4 | 61 |
| Angul | 455 | 993·1 | —0·2 | 989·4 | 90·4 | +0·2 | 114 | V, VI | 71·1 | +1·2 | 49 | XII | 75·3 | 86·2 | 70·7 | 72·1 | 24·2 | +0·8 | 20·9 | 79 | +5 | 49 |
| Sambalpur | 486 | 992·0 | —0·4 | 998·1 | 91·8 | +1·3 | 117 | V | 70·6 | +1·0 | 47 | XII | 76·3 | 88·3 | 70·1 | 72·5 | 23·1 | +1·2 | 20·6 | 75 | +3 | 49 |
| **Chota Nagpur.** | | | | | | | | | | | | | | | | | | | | | | |
| Jamshedpur | 423 | 994·1 | —0·2 | 990·2 | 90·1 | —0·1 | 115 | V | 70·4 | +1·8 | 47 | XII | 75·6 | 85·3 | 69·9 | 71·9 | 23·3 | +1·3 | 21·2 | 75 | +3 | 53 |
| Chaibasa | 742 | 983·0 | —0·2 | 979·1 | 90·6 | +0·9 | 116 | V | 70·1 | +1·8 | 47 | XII | 74·2 | 85·9 | 70·0 | 74·0 | 24·1 | +2·0 | 23·8 | 81 | +6 | 58 |
| Ranchi | 2,150 | 935·7 | —0·3 | 932·9 | 85·1 | +1·1 | 110 | V | 64·9 | —0·4 | 41 | II | 71·8 | 79·9 | 65·4 | 68·1 | 19·2 | +1·5 | 18·8 | 73 | +9 | 58 |
| Hazaribagh | 2,006 | 940·6 | —0·3 | 937·7 | 84·6 | 0 | 110 | V | 65·5 | +0·1 | 40 | II | 72·9 | 78·9 | 65·2 | 66·5 | 18·6 | +1·2 | 17·4 | 69 | +6 | 57 |
| Daltonganj | 725 | 983·6 | —0·4 | 979·5 | 89·3 | —0·1 | 115 | V | 67·4 | +1·9 | 39 | II | 75·3 | 84·3 | 67·9 | 70·4 | 20·8 | +1·3 | 19·7 | 70 | —1 | 53 |
| Dhanbad | 889 | 979·5 | .. | .. | .. | .. | 113 | V | 68·9 | .. | 46 | II | 75·6 | .. | 69·0 | .. | 22·1 | .. | .. | 71 | .. | — |

* Observatory started in July 1948 hence no annual means.

## nd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount, (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days, (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from :— 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | † Bay Islands. |
| 3·9 | +0·8 | 7·4 | 132·66 | +9·33 | 5·76 | IX | 147 | —4·1 | 9·1 | —0·5 | 17 | 79 | 63 | 10 | 11 | 80 | 78 | 15 | †9 | 4 | 86 | 72 | 14 | 9 | 73 | 82 | 10 | †12 | Port Blair. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Assam. |
| 7·0 | +1·0 | 5·7 | 126·60 | +16·69 | 4·65 | V | 134 | —1·1 | 1·3 | +0·3 | 57 | 54 | 95 | 6 | 15 | 14 | 16 | 26 | 83 | 23 | 42 | 29 | 3 | 8 | 5 | 7 | 8 | 241 | Dibrugarh. |
| 7·9 | +0·2 | 6·1 | 103·77 | +5·67 | 3·78 | IX | 134 | +5·7 | 2·7 | +0·7 | 67 | 90 | 40 | 11 | 36 | 33 | 3 | 14 | 72 | 72 | 83 | 20 | 7 | 24 | 19 | 7 | 27 | 107 | Sibsagar. |
| 5·6 | +0·3 | 4·1 | 84·10 | +11·48 | 3·55 | IX | 122 | +17·0 | 2·1 | 0 | 5 | 72 | 178 | 31 | 9 | 5 | 14 | 4 | 48 | 2 | 55 | 103 | 29 | 3 | 10 | 12 | 5 | 147 | Tezpur. |
| 3·2 | +1·1 | 4·8 | 70·63 | +7·17 | 5·80 | V | 97 | +7·7 | 2·3 | +0·9 | 43 | 78 | 58 | 53 | 41 | 20 | 13 | 16 | 44 | 21 | 83 | 60 | 23 | 23 | 37 | 26 | 16 | 77 | Gauhati. |
| .. | .. | .. | 144·46 | +46·56 | 7·78 | IV | 104 | +8·5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Dhubri. |
| 5·7 | +0·7 | 4·4 | 146·68 | +16·98 | 6·70 | V | 136 | —1·0 | .. | .. | 15 | 44 | 93 | 61 | 6 | 2 | 13 | 3 | 129 | 11 | 12 | 24 | 9 | 14 | 27 | 46 | 13 | 210 | Silchar. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | West Bengal. |
| 5·3 | .. | 5·3 | 67·35 | .. | 3·53 | IX | 99 | .. | .. | .. | 35 | 18 | 32 | 56 | 74 | 40 | 5 | 25 | 81 | 28 | 11 | 17 | 43 | 117 | 46 | 13 | 46 | 45 | Dum Dum. |
| 5·0 | +0·3 | 5·2 | 67·49 | +4·51 | 2·70 | III | 87 | +2·7 | 2·7 | —0·6 | 22 | 21 | 30 | 29 | 59 | 63 | 6 | 11 | 125 | 83 | 5 | 17 | 28 | 84 | 60 | 12 | 10 | 142 | Calcutta. |
| 5·1 | —0·4 | 5·0 | 64·72 | —4·08 | 3·49 | VII | 94 | +14·9 | 11·8 | +2·6 | 49 | 44 | 18 | 28 | 53 | 128 | 18 | 10 | 9 | 4 | 13 | 7 | 33 | 116 | 112 | 11 | 21 | 10 | Saugor Island. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Sandheads. |
| 4·8 | +1·0 | 5·6 | 90·43 | +31·72 | 5·88 | IX | 91 | +1·13 | 3·7 | +1·4 | 49 | 61 | 19 | 13 | 91 | 50 | 9 | 6 | 68 | 38 | 49 | 12 | 33 | 109 | 49 | 4 | 10 | 62 | Midnapore. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Contai.* |
| 4·3 | —0·3 | 4·2 | 48·49 | —11·18 | 2·59 | IX | 80 | +2·8 | 4·5 | +2·5 | 38 | 29 | 61 | 25 | 56 | 68 | 15 | 28 | 46 | 35 | 27 | 46 | 47 | 62 | 41 | 18 | 43 | 47 | Burdwan. |
| 5·4 | +1·0 | 4·9 | 56·99 | —0·37 | 3·75 | X | 94 | +15·7 | 3·4 | +0·5 | 11 | 28 | 37 | 13 | 44 | 11 | 13 | 18 | 101 | 14 | 15 | 22 | 110 | 38 | 13 | 7 | 45 | 102 | Krishnagar. |
| 4·7 | +0·4 | 5·3 | 60·41 | +4·09 | 4·04 | IX | 99 | +23·1 | 4·0 | —0·1 | 19 | 9 | 37 | 55 | 38 | 20 | 33 | 69 | 86 | 16 | 9 | 36 | 70 | 24 | 13 | 25 | 60 | 113 | Asansol. |
| 5·7 | +1·1 | 5·1 | 61·09 | +6·49 | 4·39 | VIII | 101 | +24·6 | 2·4 | +0·1 | 16 | 7 | 69 | 33 | 80 | 25 | 5 | 9 | 122 | 12 | 10 | 66 | 28 | 68 | 26 | 6 | 9 | 141 | Berhampore. |
| 5·2 | +1·8 | 4·5 | .. | .. | .. | .. | .. | .. | 4·0 | 0 | 36 | 36 | 86 | 27 | 44 | 29 | 10 | 36 | 32 | 15 | 31 | 74 | 55 | 31 | 9 | 20 | 56 | ‡74 | Malda. |
| 5·7 | +2·1 | 4·9 | 160·15 | +31·52 | 10·32 | VII | 115 | +10·1 | 3·7 | +2·1 | 92 | 102 | 97 | 4 | 8 | 2 | 5 | 0 | 47 | 16 | 48 | 98 | 39 | 29 | 21 | 20 | 6 | 89 | Jalpaiguri. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Orissa. |
| 5·5 | +1·3 | 6·0 | 71·43 | +9·43 | 5·27 | XI | 90 | +13·2 | 4·5 | +1·2 | 77 | 31 | 6 | 6 | 64 | 90 | 9 | 30 | 53 | 5 | 4 | 6 | 84 | 100 | 40 | 3 | 3 | 121 | Balasore. |
| 4·2 | —0·6 | 4·1 | 53·98§ | .. | .. | .. | .. | .. | 5·7 | —0·1 | 75 | 4 | 5 | 8 | 89 | 49 | 39 | 52 | 27§ | 15 | 45 | 42 | 108 | 99 | 18 | 9 | 5 | 8‖ | Chandbali. |
| 5·2 | +0·9 | 5·4 | 50·77 | —2·89 | 6·05 | VIII | 67 | +4·9 | 11·1 | +1·9 | 89 | 43 | 3 | 8 | 17 | 143 | 32 | 24 | 7 | 5 | 24 | 16 | 80 | 79 | 149 | 10 | 2 | 1 | Puri. |
| 4·7 | +1·3 | 5·4 | 37·25 | —8·25 | 4·07 | VIII | 48 | —7·3 | .. | .. | 112 | 3 | 3 | 4 | 64 | 87 | 9 | 46 | 38 | 12 | 12 | 52 | 54 | 132 | 88 | 4 | 2 | 10 | Gopalpur. |
| 4·7 | +0·1 | 5·2 | 63·57 | +3·60 | 7·50 | VIII | 85 | +10·[illegible] | 3·2 | +1·1 | 7 | 16 | 4 | 1 | 23 | 24 | 12 | 12 | 267 | 3 | 20 | 5 | 8 | 62 | 39 | 8 | 10 | 211 | Cuttack. |
| 4·9 | +0·2 | 5·5 | 39·69 | —11·10 | 3·48 | XI | 71 | +1·1 | 4·5 | +0·4 | 26 | 26 | 23 | 24 | 23 | 16 | 94 | 74 | 60 | 43 | 53 | 48 | 45 | 41 | 20 | 52 | 36 | 27‡ | Angul. |
| 4·7 | +0·7 | 5·5 | 46·95 | —18·81 | 2·45 | VI | 76 | +2·1 | 3·8 | +1·0 | 33 | 81 | 41 | 18 | 22 | 83 | 17 | 9 | 51 | 35 | 44 | 24 | 23 | 36 | 74 | 60 | 36 | 34 | Sambalpur. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Chota Nagpur. |
| 4·5 | +0·1 | 5·4 | 64·25 | +10·74 | 7·71 | VII | 89 | +12·6 | 3·5 | +0·6 | 3 | 11 | 45 | 15 | 3 | 39 | 119 | 37 | 94 | 18 | 27 | 75 | 43 | 12 | 26 | 44 | 50 | 71 | Jamshedpur. |
| .. | .. | .. | 45·42 | —6·24 | 3·20 | VII | 83 | +9·1 | 1·7 | —0·2 | 2 | 35 | 2 | 20 | 19 | 114 | 17 | 3 | 154 | 26 | 47 | 7 | 28 | 15 | 47 | 20 | 23 | 153 | Chaibasa. |
| 5·9 | —0·2 | 4·3 | 64·10 | +5·99 | 3·75 | VII | 86 | +4·6 | .. | .. | 30 | 2 | 12 | 8 | 71 | 31 | 11 | 21 | 180 | 34 | 0 | 10 | 8 | 42 | 9 | 11 | 18 | 233‡ | Ranchi. |
| 5·7 | +1·4 | 6·0 | 61·96 | +8·92 | 3·85 | VII | 91 | +1·62 | 5·2 | —0·5 | 18 | 15 | 22 | 32 | 56 | 61 | 29 | 65 | 68 | 50 | 29 | 27 | 32 | 35 | 20 | 11 | 136 | 25‡ | Hazaribagh. |
| 4·4 | +1·4 | 5·4 | 53·11 | +6·46 | 3·02 | VI | 80 | +18·0 | 2·7 | —0·2 | 8 | 14 | 70 | 50 | 14 | 11 | 45 | 19 | 135 | 37 | 23 | 45 | 15 | 8 | 6 | 58 | 100 | 64 | Daltonganj. |
| .. | .. | .. | 50·70 | .. | 6·21 | VII | 79 | .. | 4·9 | .. | 24 | 23 | 70 | 46 | 9 | 65 | 40 | 17 | 72 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Dhanbad. |

D. G. O./52

† Total for 352 days. ‡ Total for 365 days. § Total for 348 days. ‖ Total for 349 days.

# Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs G. M. T.

| Station | Height of bar, cistern above mean sea level in feet. | Pressure at station level, in Millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Maximum temperature, °F. Mean. | Departure from normal. | Highest during the year. | Month. | Minimum temperature, °F. Mean. | Departure from normal. | Lowest during the year. | Month. | Dry bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Wet bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Vapour pressure, Millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Relative humidity. % Mean 8 hrs. I. S. T. | Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **Bihar.** | | | | | | | | | | | | | | | | | | | | | |
| Purnea | 124 | 1,004·9 | —0·2 | 1,001·0 | 87·2 | +0·5 | 105 | IV | 66·6 | +0·5 | 39 | II | 73·1 | 82·6 | 69·1 | 72·8 | 23·6 | +0·4 | 23·9 | 81 | 0 |
| Saharsa† | 156 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Darbhanga | 161 | 1,003·5 | 0 | 999·7 | 87·7 | +0·8 | 109 | VI | 67·8 | +0·6 | 44 | II | 73·4 | 84·5 | 69·1 | 73·4 | 23·6 | +0·6 | 23·9 | 80 | +4 |
| Motihari | 218 | 1001·5 | +0·1 | 997·5 | .. | .. | 105 | VI | 66·4 | +1·1 | 42 | I, II, XII | 75·9 | 81·9 | 70·1 | 73·0 | 23·8 | +1·1 | 24·7 | 75 | 0 |
| Patna | 173 | 1002·4 | —0·5 | 998·9 | 88·9 | +1·3 | 112 | VI | 70·2 | +1·3 | 45 | II | 75·8 | 85·0 | 69·0 | 71·5 | 22·4 | +0·3 | 21·1 | 70 | 0 |
| Dehri | 352 | 996·0 | .. | 992·4 | 89·7 | .. | 117 | V | 70·7 | .. | 48 | II | 76·0 | 85·6 | 69·1 | 71·6 | 22·0 | .. | 20·9 | 71 | .. |
| Gaya | 365 | 995·4 | —0·6 | 991·9 | 90·2 | +1·2 | 116 | V | 69·8 | +2·5 | 44 | II | 76·0 | 86·1 | .. | .. | .. | .. | .. | .. | .. |
| Naya Dumka | 489 | 991·7 | —0·5 | 988·1 | 88·7 | +0·8 | 113 | V, VI | 67·5 | —0·4 | 42 | XII | 75·9 | 83·5 | 69·9 | 71·8 | 23·3 | +1·2 | 22·0 | 72 | +2 |
| Sabour | 122 | 1,004·5 | —0·2 | 1,000·7 | 88·0 | +0·5 | 111 | VI | 67·4 | +1·5 | 40 | II | 75·3 | 83·1 | 70·2 | 73·0 | 24·1 | +1·5 | 23·9 | 77 | +1 |
| **U. P., East.** | | | | | | | | | | | | | | | | | | | | | |
| Gonda | 360 | 995·8 | .. | 992·5 | 88·5 | —0·2 | 115 | VI | 66·7 | +1·1 | 41 | II | 71·5 | 84·0 | 66·3 | 70·3 | 21·2 | +1·0 | 20·1 | 76 | +4 |
| Gorakhpur | 254 | 999·7 | —0·3 | 995·9 | 88·4 | +0·5 | 110 | V | 68·6 | +1·9 | 45 | I, II | 73·6 | 85·3 | 67·8 | 71·4 | 22·1 | +0·5 | 20·8 | 73 | —1 |
| Banaras | 250 | 999·3 | —0·7 | 996·0 | 89·6 | 0 | 115 | V | 68·8 | +2·0 | 42 | II | 74·6 | 86·8 | 68·5 | 72·4 | 22·5 | +1·8 | 21·3 | 76 | +7 |
| Allahabad (Bamrauli) | 322 | 996·9 | —0·7 | 993·7 | 89·9 | —0·2 | 116 | V | 68·7 | +2·3 | 42 | II | 74·1 | 86·9 | 66·8 | 70·3 | 20·3 | +0·8 | 18·6 | 71 | +4 |
| Fatehpur | 375 | 995·3 | .. | 992·1 | 89·8 | —0·6 | 116 | V | 68·1 | +1·8 | 41 | II | 74·5 | 85·0 | 67·2 | 71·3 | 20·7 | +0·5 | 20·4 | 70 | +2 |
| Kanpur | 414 | 994·0 | —0·2 | 991·1 | 90·0 | —1·0 | 116 | V | 67·4 | +1·4 | 40 | XII | 72·6 | 86·2 | 65·8 | 70·3 | 20·1 | +1·2 | 18·9 | 72 | +4 |
| Lucknow | 371 | 995·7 | 0 | 990·6 | 89·6 | —0·1 | 115 | VI | 67·7 | +1·7 | 42 | II, XII | 72·7 | 85·1 | 66·9 | 71·6 | 21·4 | +1·7 | 21·3 | 75 | +6 |
| Bahraich | 407 | 994·6 | +0·3 | 991·4 | 88·8 | +0·5 | 115 | VI | 66·1 | +0·3 | 39 | II, XII | 74·4 | 84·9 | 67·6 | 73·8 | 22·4 | +1·8 | 23·4 | 78 | +5 |
| **U. P., West.** | | | | | | | | | | | | | | | | | | | | | |
| Jhansi | 824 | 979·8 | —1·0 | 977·0 | 90·6 | —0·8 | 115 | V | 67·6 | +0·7 | 41 | II | 73·6 | 87·7 | 65·1 | 71·4 | 20·1 | +2·8 | 19·6 | 70 | +12 |
| Agra | 553 | 989·3 | —0·2 | 983·6 | 90·2 | +0·2 | 115 | VI | 67·6 | +2·5 | 40 | I, II | 71·6 | 87·8 | 64·2 | 69·7 | 18·6 | +2·3 | 17·6 | 70 | +12 |
| Mainpuri | 516 | 990·5 | —0·1 | 987·8 | 90·8 | +0·2 | 118 | VI | 66·6 | +1·4 | 37 | II | 72·4 | 86·8 | 65·6 | 77·7 | 19·8 | +1·6 | 19·6 | 71 | +6 |
| Aligarh | 615 | 986·8 | .. | 984·2 | 89·6 | +0·8 | 115 | VI | 66·3 | +0·8 | 39 | II | 78·8 | 79·8 | 64·2 | 69·0 | 19·2 | +2·0 | 17·5 | 70 | +10 |
| Bareilly | 568 | 988·4 | —0·5 | 985·2 | 89·0 | +1·4 | 115 | VI | 66·7 | +1·8 | 41 | I, II | 73·2 | 85·2 | 65·6 | 68·9 | 19·9 | +0·2 | 18·2 | 68 | —5 |
| Meerut‡ | 762 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Roorkee | 899 | 977·0 | —0·6 | 974·1 | 86·5 | +0·3 | 112 | V, VI | 62·7 | +0·5 | 38 | I, II, XII | 67·5 | 83·8 | 61·4 | 67·9 | 17·9 | +0·1 | 17·3 | 75 | +3 |
| Dehra Dun | 2,239 | 932·5 | —0·2 | 930·5 | 82·2 | +0·7 | 108 | V, VI | 60·4 | +0·1 | 37 | II, XII | 66·5 | 78·6 | 60·0 | 65·1 | 15·9 | +0·3 | 16·3 | 71 | 0 |
| **East Punjab.** | | | | | | | | | | | | | | | | | | | | | |
| New Delhi | 714 | 983·0 | —0·9 | 980·4 | 88·8 | 0 | 113 | V | 66·0 | +1·5 | 40 | I | 70·6 | 85·5 | 62·5 | 67·7 | 17·1 | +0·5 | 15·9 | 65 | +4 |
| Hissar | 725 | 983·2 | —0·3 | 980·6 | 90·6 | —0·1 | 116 | V, VII | 63·3 | —0·1 | 34 | II, XII | 68·0 | 87·2 | 61·5 | 69·5 | 17·5 | +1·4 | 18·0 | 71 | +11 |
| Patiala** | 822 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Ambala | 892 | 976·7 | —0·8 | 975·6 | 90·2 | +2·0 | 115 | V, VI | 64·7 | +1·6 | 37 | I, XII | 69·1 | 86·0 | 62·6 | 68·5 | 18·0 | +1·3 | 16·5 | 71 | +6 |
| Ludhiana | 812 | 979·8 | —0·4 | 977·8 | 89·4 | —2·4 | 115 | V, VI | .. | .. | .. | .. | 68·6 | 85·8 | 62·0 | 69·2 | 17·6 | +1·5 | 17·9 | 71 | +17 |
| Amritsar§ | 763 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Kashmir.** | | | | | | | | | | | | | | | | | | | | | |
| Srinagar | 5,205 | 841·8 | —1·4 | 839·5 | 64·1 | —3·7 | 93 | VII | 44·0 | +0·1 | 15 | I | 48·6 | 60·8 | 46·0 | 52·3 | 10·8 | —0·5 | 11·5 | 84 | —3 |
| Gulmarg* | 8,709 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Dras* | 10,059 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Leh* | 11,529 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Skardu* | 7,505 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Gilgit* | 4,890 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Misgar* | 10,190 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

†Observatory started in May 1948 hence no means.

§ Observatory started in May 1948 hence no annual means. ** Observatory started from 4th Oct. 1948 hence no annual means.

* Data not available for the complete year hence no annual means.

‡ Observatory converted to II Class from Oct. 1948.

## d 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount, (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days, (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from :— 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Calm. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. | Calm. | |
| 4 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | BIHAR. |
| 1·9 | +1·1 | 3·8 | 61·06 | +1·09 | 4·53 | VII | 69 | —1·8 | 3·1 | +0·9 | 4 | 38 | 133 | 28 | 5 | 33 | 30 | 5 | 90 | 1 | 22 | 91 | 29 | 2 | 19 | 50 | 4 | 148 | Purnea. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Saharsa.† |
| 1·2 | +0·7 | 3·4 | 52·07 | +2·26 | 5·88 | VIII | 65 | +7·6 | 3·5 | +1·0 | 1 | 96 | 132 | 14 | 3 | 9 | 49 | 9 | 53 | 0 | 45 | 83 | 48 | 0 | 19 | 51 | 20 | 100 | Darbhanga. |
| 3·9 | +0·9 | 3·4 | 57·45 | +4·00 | 7·59 | VII | 58 | +1·4 | 2·6 | —0·6 | 3 | 2 | 202 | 2 | 0 | 3 | 42 | 3 | 109 | 0 | 2 | 85 | 2 | 1 | 2 | 47 | 1 | 226 | Motihari. |
| 1·2 | +0·5 | 3·8 | 47·19 | +0·50 | 6·30 | VIII | 61 | +5·4 | 4·4 | +1·1 | 2 | 75 | 97 | 26 | 10 | 52 | 42 | 11 | 51 | 10 | 74 | 63 | 10 | 4 | 14 | 67 | 46 | 78 | Patna. |
| 4·0 | .. | 4·4 | 63·35 | +22·44 | 9·05 | VIII | 68 | +13·5 | 3·4 | .. | 6 | 26 | 27 | 56 | 43 | 75 | 18 | 31 | 84 | 26 | 52 | 15 | 26 | 6 | 19 | 15 | 125 | 82 | Dehri. |
| 4·0 | +1·0 | 4·5 | 51·95 | +5·22 | 5·88 | VIII | 62 | +3·1 | 5·3 | +0·8 | 5 | 30 | 56 | 51 | 90 | 48 | 19 | 8 | 59 | 43 | 50 | 36 | 10 | 12 | 15 | 44 | 107 | 49 | Gaya. |
| 3·7 | +0·2 | 4·2 | 53·03 | —4·77 | 2·06 | VII | 85 | +7·4 | 2·9 | +1·0 | 12 | 37 | 30 | 124 | 2 | 69 | 9 | 31 | 52 | 10 | 46 | 29 | 106 | 6 | 88 | 12 | 33 | 37 | Naya Dumka. |
| 5·0 | +0·6 | 4·5 | 37·07 | —6·20 | 3·40 | IX | 66 | +6·0 | 3·7 | —0·8 | 11 | 22 | 137 | 52 | 22 | 40 | 45 | 2 | 35 | 24 | 28 | 100 | 30 | 11 | 4 | 53 | 62 | 54 | Sabour. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | U. P., East. |
| 3·8 | +0·2 | 3·7 | 55·81 | +3·75 | 4·60 | VII | 69 | +13·4 | 3·5 | 0 | 12 | 6 | 161 | 7 | 2 | 4 | 50 | 31 | 93 | 7 | 4 | 60 | 3 | 6 | 2 | 33 | 88 | 163 | Gonda. |
| 3·4 | +0·7 | 3·0 | 57·77 | +7·61 | 5·30 | VIII | 62 | +5·1 | 3·0 | +1·1 | 11 | 53 | 122 | 13 | 5 | 6 | 65 | 2 | 89 | 10 | 16 | 70 | 12 | 110 | 12 | 19 | 12 | 105 | Gorakhpur. |
| 4·1 | +0·7 | 4·0 | 83·01 | +42·04 | 5·28 | VIII | 73 | +20·0 | .. | .. | 16 | 41 | 78 | 13 | 19 | 100 | 45 | 5 | 49 | 33 | 50 | 32 | 5 | 3 | 23 | 84 | 106 | 30 | Banaras. |
| 4·2 | +0·6 | 4·7 | 58·92 | +17·10 | 4·49 | VIII | 64 | +10·9 | 3·6 | +0·1 | 9 | 35 | 48 | 15 | 22 | 43 | 65 | 9 | 120 | 38 | 40 | 28 | 8 | 8 | 11 | 72 | 83 | 78 | Allahabad (Bamrauli). |
| 3·9 | +0·8 | 3·8 | 42·56 | +7·73 | 3·22 | VII | 63 | +9·8 | .. | .. | 3 | 29 | 51 | 20 | 10 | 23 | 47 | 43 | 140 | 9 | 22 | 26 | 3 | 5 | 5 | 23 | 83 | 190 | Fetehpur. |
| 3·9 | +1·8 | 3·8 | 38·93 | +3·02 | 1·97 | IX | 57 | +11·3 | 5·8 | +0·6 | 23 | 44 | 57 | 19 | 7 | 48 | 54 | 30 | 84 | 57 | 49 | 33 | 15 | 5 | 14 | 70 | 89 | 34 | Kanpur. |
| 3·7 | +0·7 | 3·8 | 43·85 | +3·83 | 3·67 | IX | 58 | +8·8 | 1·8 | 0 | 10 | 11 | 87 | 14 | 11 | 43 | 18 | 159 | 20 | 10 | 56 | 6 | 17 | 8 | 79 | 32 | 32 | 138 | Lucknow. |
| 3·7 | +1·2 | 3·8 | 52·92 | +7·26 | 3·63 | VII | 62 | +14·0 | 3·7 | +1·4 | 6 | 10 | 82 | 66 | 3 | 14 | 26 | 32 | 127 | 4 | 8 | 44 | 35 | 0 | 30 | 51 | 45 | 149 | Bahraich. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | U. P., West. |
| 3·3 | +0·7 | 4·2 | 49·16 | +12·29 | 4·93 | IX | 60 | +13·4 | 3·5 | +0·4 | 7 | 16 | 5 | 2 | 6 | 25 | 61 | 25 | 219 | 7 | 24 | 12 | 1 | 0 | 10 | 130 | 44 | 138 | Jhansi. |
| 3·2 | —0·3 | 3·1 | 32·34 | +5·60 | 3·56 | IX | 51 | +13·6 | 2·3 | —1·1 | 13 | 22 | 21 | 12 | 18 | 20 | 48 | 23 | 189 | 25 | 14 | 17 | 5 | 9 | 6 | 42 | 66 | 179¶ | Agra. |
| 3·6 | +0·5 | 3·4 | 37·55 | +9·57 | 4·33 | VII | 43 | +4·6 | 2·6 | +0·7 | 11 | 8 | 42 | 39 | 13 | 31 | 66 | 45 | 111 | 9 | 12 | 25 | 37 | 6 | 17 | 81 | 89 | 90 | Mainpuri. |
| 3·1 | +0·6 | 3·5 | 27·27 | —3·58 | 2·06 | VIII | 45 | +6·2 | 4·0 | 0 | 5 | 6 | 64 | 13 | 6 | 7 | 86 | 28 | 151 | 19 | 17 | 45 | 12 | 10 | 4 | 56 | 121 | 82 | Aligarh. |
| 3·8 | +0·6 | 4·2 | 60·03 | +17·38 | 8·83 | VIII | 46 | —0·7 | 3·0 | +1·1 | 23 | 12 | 56 | 52 | 12 | 26 | 50 | 35 | 100 | 37 | 10 | 31 | 14 | 13 | 16 | 100 | 63 | 82 | Bareilly. |
| .. | .. | ... | 38·83 | +6·92 | 6·97 | VII | 43 | +2·9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Meerut.‡ |
| 3·0 | 0 | 2·8 | 52·48 | +11·16 | 5·76 | VIII | 53 | +5·2 | 2·8 | +0·7 | 2 | 16 | 1 | 131 | 0 | 7 | 1 | 72 | 136 | 1 | 9 | 0 | 64 | 3 | 25 | 0 | 164 | 100 | Roorkee. |
| 3·7 | —0·9 | 3·8 | 86·91 | +1·87 | 6·80 | VIII | 90 | +9·0 | 1·7 | —0·1 | 30 | 24 | 4 | 6 | 11 | 8 | 17 | 22 | 244 | 18 | 14 | 2 | 8 | 20 | 58 | 78 | 35 | 133 | Dehra Dun. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | East Punjab. |
| 3·5 | +0·6 | 3·9 | 30·32 | +4·08 | 6·38 | IX | 44 | +7·9 | .. | .. | 17 | 19 | 50 | 33 | 22 | 24 | 99 | 45 | 57 | 55 | 35 | 51 | 26 | 9 | 15 | 14 | 114 | 47 | New Delhi. |
| 1·8 | —0·3 | 1·7 | 20·78 | +4·02 | 3·08 | VII | 29 | +3·3 | 4·6 | +0·4 | 18 | 26 | 37 | 50 | 34 | 76 | 42 | 34 | 49 | 53 | 48 | 21 | 24 | 13 | 25 | 43 | 89 | 50 | Hissar. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Patiala.** |
| 1·8 | —1·2 | 1·9 | 28·60 | —4·37 | 3·28 | VIII | 43 | +1·0 | .. | .. | 0 | 26 | 1 | 60 | 0 | 3 | 0 | 189 | 87 | 0 | 9 | 0 | 47 | 0 | 6 | 0 | 248 | 56 | Ambala. |
| 2·6 | —0·2 | 2·5 | 26·71 | —2·83 | 3·21 | VII | 38 | +1·5 | 2·1 | —0·4 | 10 | 19 | 36 | 36 | 13 | 4 | 30 | 43 | 175 | 7 | 25 | 6 | 24 | 3 | 12 | 15 | 91 | 183 | Ludhiana. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Amritsar.§ |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Kashmir. |
| 5·5 | +0·8 | 5·3 | 33·38 | +7·39 | 1·73 | VI | 65 | +7·7 | 2·2 | —0·2 | 9 | 9 | 12 | 106 | 27 | 4 | 31 | 29 | 139 | 28 | 23 | 5 | 47 | 23 | 8 | 64 | 71 | ‖95 | Srinagar. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Gulmarg.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Dras.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Leh.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Skardu.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Gilgit.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Misgar.* |

¶Total for 363 days. ‖ Total for 364 days.

## Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M.

| Station. | Height of bar, cistern above mean sea level in feet. | Pressure at station level, in Millibars. Mean 8 hrs. I. S. T. | Pressure: Departure from normal. | Pressure: Mean 17 hrs. I. S. T. | Maximum temperature, °F. Mean. | Maximum: Departure from normal. | Maximum: Highest during the year. | Maximum: Month. | Minimum temperature, °F. Mean. | Minimum: Departure from normal. | Minimum: Lowest during the year. | Minimum: Month. | Dry bulb temperature, °F. Mean 8 hrs. I. S. T. | Dry bulb: Mean 17 hrs. I. S. T. | Wet bulb temperature, °F. Mean 8 hrs. I. S. T. | Wet bulb: Mean 17 hrs. I. S. T. | Vapour pressure, Millibars. Mean 8 hrs. I. S. T. | Vapour pressure: Departure from normal. | Vapour pressure: Mean 17 hrs. I. S. T. | Relat humid % Mean 8 hrs. I. S. T. | Relat humid % Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **Rajputana, West.** | | | | | | | | | | | | | | | | | | | | | |
| Sri Ganganagar | 580 | 987·7 | .. | 985·2 | 91·6 | +0·8 | 116 | VII | 63·8 | +1·7 | 30 | II | 69·6 | 88·8 | 61·8 | 68·8 | 17·0 | +1·9 | 15·9 | 68 | +8 |
| Bikaner | 734 | 982·5 | +0·6 | 979·2 | 93·1 | .. | 116 | V | 66·2 | .. | 31 | II | 70·4 | 91·8 | 61·7 | .. | 16·4 | .. | .. | 62 | .. |
| Phalodi | 783 | 980·7 | .. | 979·2 | 92·7 | .. | 117 | V | 66·1 | .. | 36 | II | 68·9 | 90·4 | .. | .. | .. | .. | .. | .. | .. |
| Jaisalmer* | 793 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Jodhpur | 736 | 983·1 | +0·8 | 980·2 | 92·6 | +0·9 | 115 | V | 68·3 | +1·7 | 40 | II | 72·1 | 90·5 | 63·1 | 69·2 | 17·1 | +1·8 | 15·6 | 60 | +5 |
| Barmer | 638 | 986·5 | 0 | 983·1 | 94·3 | +1·9 | 118 | V | 69·5 | +1·1 | 48 | II | 72·5 | 92·4 | 64·7 | 71·1 | 18·7 | +0·2 | 17·2 | 62 | —2 |
| **Rajputana, East.** | | | | | | | | | | | | | | | | | | | | | |
| Sikor | 1,406 | 959·9 | .. | 957·3 | 91·1 | .. | 113 | V | 65·0 | .. | 35 | II | 69·6 | 88·0 | 55·4 | 66·8 | 15·7 | .. | 14·0 | 62 | .. |
| Jaipur | 1,406 | 959·7 | —0·8 | 975·0 | 90·0 | +0·1 | 113 | V | 66·5 | +1·9 | 36 | II | 72·4 | 86·6 | 62·4 | 66·3 | 15·9 | +0·7 | 13·6 | 58 | +3 |
| Ajmer | 1,431 | 954·7 | —0·4 | 951·7 | 88·4 | +0·2 | 110 | V | 65·6 | +0·4 | 35 | II | 71·4 | 80·0 | 61·8 | 67·2 | 16·9 | +1·0 | 15·7 | 63 | +6 |
| Kotah | 843 | 979·3 | —0·9 | 967·3 | 91·9 | 0 | 115 | V | 70·2 | +0·8 | 44 | II | 74·0 | 88·9 | 64·7 | 69·1 | 17·9 | +1·7 | 16·0 | 62 | +8 |
| Jhalawar (Brijnagar) | 1,053 | 971·8 | —1·1 | 968·8 | 90·5 | +0·3 | 113 | V | 67·3 | +1·9 | 39 | II | 71·3 | 88·0 | 64·0 | 68·5 | 18·0 | +0·6 | 15·4 | 68 | +6 |
| Rajsamand | 1,850 | 945·9 | .. | .. | 87·2 | .. | 107 | V | 68·7 | .. | 43 | I | 72·0 | .. | 64·1 | .. | 18·2 | .. | .. | 68 | .. |
| Udaipur | 1,910 | 944·1 | .. | 941·4 | 87·6 | .. | 108 | V | 64·8 | .. | 37 | II | 69·5 | 84·3 | 62·4 | 67·4 | 17·4 | .. | 17·1 | 68 | .. |
| **Gujarat.** | | | | | | | | | | | | | | | | | | | | | |
| Deesa† | 466 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Bhuj | 343 | 997·3 | —0·2 | 994·8 | 92·0 | +0·9 | 109 | V | 69·7 | +1·6 | 45 | I | 72·4 | 89·7 | 66·7 | 70·0 | 21·1 | +0·7 | 16·7 | 72 | +7 |
| Dwarka | 37 | 1007·9 | —0·7 | 1005·9 | 85·1 | +0·7 | 97 | III | 73·9 | +0·9 | 55 | II | 75·5 | 82·1 | 71·7 | 74·4 | 25·7 | +1·3 | 26·2 | 82 | +2 |
| Jamnagar | 60 | 1008·7 | +1·1 | .. | 88·9 | —0·5 | 103 | IV, V | .. | .. | 45 | II | 74·5 | .. | 69·7 | .. | 23·7 | +1·3 | .. | 76 | +5 |
| Rajkot | 432 | 994·2 | —0·5 | 991·0 | 94·5 | +1·6 | 113 | V | 69·1 | +2·7 | 42 | I | 72·0 | 91·3 | 67·5 | 74·0 | 22·4 | +2·7 | 21·6 | 78 | +9 |
| Veraval | 26 | 1008·0 | —1·1 | 1005·8 | 86·6 | .. | 103 | IV | 75·5 | .. | 48 | II | 72·3 | 82·7 | 69·3 | 76·6 | 23·9 | .. | 28·8 | 79 | +7 |
| Surat | 39 | 1007·9 | —0·6 | 1005·2 | 92·2 | +0·7 | 106 | IV | 72·7 | +2·3 | 50 | II | 75·5 | 88·8 | 70·9 | 77·3 | 24·7 | +2·3 | 27·1 | 78 | +7 |
| Bhavnagar | 55 | 1007·5 | —0·5 | 1004·0 | 94·7 | +1·2 | 113 | V | 70·5 | +1·5 | 43 | II | 73·1 | 92·1 | 66·2 | 72·4 | 20·1 | +0·8 | 18·7 | 67 | +6 |
| Ahmedabad | 163 | 1003·8 | —0·5 | 1000·1 | 95·0 | +0·5 | 110 | V | 72·9 | +2·2 | 51 | II | 75·3 | 92·7 | 67·6 | 71·9 | 20·6 | +1·5 | 17·8 | 65 | +3 |
| Dohad | 1,093 | 971·7 | .. | 968·7 | 91·1 | +1·1 | 109 | V | 68·4 | +1·3 | 44 | II | 71·6 | 88·3 | 65·1 | 70·0 | 19·3 | +0·5 | 17·3 | 69 | 0 |
| Baroda | 115 | 1005·4 | .. | 1001·7 | 95·3 | +1·9 | 112 | V | 69·5 | +3·3 | 44 | I, II | 73·3 | 92·6 | 68·0 | 73·1 | 22·1 | +2·0 | 19·7 | 75 | +6 |
| **Central India, West.** | | | | | | | | | | | | | | | | | | | | | |
| Neemuch | 1,626 | 954·0 | —0·3 | 951·2 | 88·9 | +0·2 | 110 | V | 66·2 | +1·6 | 40 | II | 69·8 | 85·0 | 63·6 | 68·4 | 18·7 | +2·1 | 17·4 | 72 | +12 |
| Indore | 1,823 | 947·1 | —0·7 | 944·1 | 87·7 | —0·5 | 109 | V | 65·3 | +1·5 | 37 | II | 69·1 | 85·1 | 63·1 | 67·3 | 18·1 | +1·2 | 15·8 | 73 | +10 |
| Bhopal | 1,643 | 952·9 | —0·6 | 950·0 | 88·5 | +0·1 | 111 | V | 66·8 | +1·5 | 40 | II | 71·5 | 85·3 | 63·9 | 68·1 | 17·8 | +1·6 | 17·0 | 66 | +7 |
| Guna | 1,571 | 955·0 | —0·6 | 952·4 | 89·1 | +0·2 | 112 | V | 64·9 | +1·9 | 33 | II | 69·8 | 86·3 | .. | .. | .. | .. | .. | .. | .. |
| Gwalior | 681 | 985·1 | .. | 981·5 | 90·4 | .. | 116 | V | 66·8 | .. | 38 | II | 77·0 | 86·3 | 65·6 | 69·8 | 19·5 | .. | 18·2 | 62 | .. |
| Madhosagar | 757 | 982·1 | .. | 979·0 | 90·5 | .. | 114 | V | 69·7 | .. | 44 | II | 76·3 | 87·0 | 59·1 | 68·8 | 18·7 | .. | 16·5 | 64 | .. |
| **Central India, East.** | | | | | | | | | | | | | | | | | | | | | |
| Nowgong | 750 | 982·6 | —0·5 | 979·2 | 89·9 | +0·2 | 115 | V | 66·1 | +0·8 | 37 | II | 71·9 | 87·1 | 66·2 | 71·6 | 20·9 | +2·7 | 20·6 | 75 | +8 |
| Sutna | 1,041 | 972·3 | —0·6 | 969·2 | 89·1 | +0·7 | 115 | V | 67·1 | +1·2 | 40 | II | 72·2 | 86·2 | 65·8 | 71·1 | 19·7 | +2·0 | 19·9 | 74 | +11 |
| Umaria | 1,506 | 956·8 | .. | 953·9 | 87·8 | 0 | 112 | V | 66·0 | +1·9 | 38 | II | 71·7 | 84·3 | 64·6 | 69·0 | 18·8 | +1·5 | 18·5 | 71 | +8 |
| **Berar.** | | | | | | | | | | | | | | | | | | | | | |
| Buldana | 2,133 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Akola | 925 | 977·1 | —0·9 | 973·3 | 92·2 | —1·1 | 114 | V | 70·[illegible] | +2·2 | 45 | II | 73·4 | 89·6 | 65·9 | 70·4 | 19·1 | +2·1 | 17·0 | 66 | +7 |
| Amraoti | 1,213 | 967·2 | —0·8 | 963·7 | 90·6 | —1·4 | 115 | V | 70·7 | +1·1 | 50 | II, XII | 74·3 | 88·3 | 66·6 | 71·5 | 19·4 | +2·3 | 19·3 | 66 | +8 |

* Observatory started in September 1948 hence no annual means.
† Data not available for a complete year hence no annual means.

## nd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount, (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days, (0·10″ or more.) | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from :— 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Rajputana, West. |
| 1·6 | +0·3 | 1·6 | 20·45 | +10·24 | 5·75 | VIII | 23 | +4·5 | 3·4 | —1·9 | 16 | 19 | 54 | 44 | 28 | 41 | 25 | 3 | 135‡ | 55 | 28 | 23 | 11 | 13 | 29 | 35 | 78 | 92§ | Sri Ganganagar. |
| 1·3 | —0·8 | 1·6 | 4·74 | —6·73 | 0·80 | VIII | 18 | —1·0 | 4·4 | —0·4 | 1 | 31 | 2 | 39 | 2 | 134 | 5 | 32 | 119‡ | 12 | 85 | 0 | 17 | 2 | 122 | 7 | 99 | 22‖ | Bikaner. |
| 2·6 | .. | 3·4 | 10·02 | +1·13 | 4·14 | VII | 17 | +2·6 | 9·0 | .. | 25 | 20 | 6 | 56 | 32 | 139 | 39 | 16 | 33 | 41 | 32 | 4 | 20 | 27 | 115 | 47 | 66 | 117 | Phalodi. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Jaisalmer.* |
| 2·8 | —0·4 | 3·3 | 15·90 | +1·09 | 2·87 | VII | 15 | —5·0 | 3·4 | +0·2 | 9 | 104 | 6 | 5 | 6 | 92 | 37 | 4 | 103 | 29 | 63 | 11 | 10 | 5 | 113 | 45 | 26 | 64 | Jodhpur. |
| 2·5 | —0·4 | 2·4 | 7·69 | —4·14 | 2·06 | VII | 14 | —2·4 | 5·1 | —0·6 | 18 | 5 | 3 | 3 | 32 | 79 | 43 | 98 | 85 | 26 | 47 | 9 | 9 | 22 | 111 | 55 | 42 | 45 | Barmer. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Rajputana, East. |
| 2·5 | .. | 3·9 | 15·05 | .. | 2·36 | VII | 29 | .. | 3·2 | .. | 5 | 3 | 35 | 32 | 10 | 48 | 70 | 7 | 156 | 29 | 10 | 29 | 12 | 6 | 33 | 122 | 75 | 50 | Sikar. |
| 3·0 | +0·2 | 4·4 | 25·91 | +1·89 | 2·73 | VIII | 35 | —0·6 | 4·3 | +0·1 | 35 | 26 | 75 | 32 | 6 | 11 | 32 | 58 | 91 | 65 | 16 | 26 | 11 | 14 | 15 | 65 | 104 | 45 | Jaipur. |
| 2·8 | +0·2 | 3·3 | 14·72 | —6·05 | 3·89 | VII | 33 | +3·2 | 4·5 | +0·8 | 3 | 6 | 3 | 7 | 8 | 84 | 75 | 2 | 178 | 16 | 30 | 5 | 7 | 14 | 80 | 105 | 35 | 72§ | Ajmer. |
| 3·4 | +0·6 | 3·6 | 42·08 | +12·54 | 6·74 | VII | 54 | +17·5 | 3·5 | +1·0 | 8 | 12 | 6 | 4 | 4 | 45 | 78 | 25 | 183‡ | 16 | 31 | 8 | 1 | 1 | 35 | 70 | 67 | 135§ | Kotah. |
| 5·2 | +0·1 | 3·9 | 60·24 | +23·79 | 6·24 | VII | 64 | +17·7 | 3·5 | +0·3 | 15 | 14 | 1 | ‡ | 6 | 29 | 91 | 17 | 192 | 36 | 55 | 22 | 3 | 5 | 24 | 98 | 62 | ‡60 | Jhalawar (Brijnagar) |
| 3·4 | .. | .. | 15·96 | .. | 1·84 | VII | 27 | .. | .. | .. | 74 | 8 | 5 | 6 | 10 | 51 | 108 | 76 | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Rajsamand. |
| 3·6 | .. | 4·7 | 19·28 | —5·23 | 1·66 | VIII | 37 | +3·4 | 3·2 | .. | 22 | 8 | 7 | 5 | 18 | 51 | 62 | 45 | 148 | 13 | 39 | 31 | 18 | 16 | 87 | 85 | 34 | 43 | Udaipur. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Gujarat. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Dessa.† |
| 2·5 | —0·5 | 2·5 | 4·22 | —9·40 | 0·92 | VIII | 9 | —6·8 | 7·3 | +0·2 | 5 | 7 | 5 | 3 | 16 | 66 | 94 | 14 | 156 | 43 | 57 | 6 | 2 | 7 | 86 | 118 | 29 | 18 | Bhuj. |
| 4·2 | +0·4 | 3·8 | 10·24 | —3·69 | 4·28 | IX | 11 | —4·8 | 11·9 | +2·1 | 48 | 69 | 13 | 3 | 5 | 73 | 105 | 41 | 9 | 13 | 26 | 3 | 3 | 4 | 72 | 124 | 120 | 1 | Dwarka. |
| 3·4 | +0·6 | .. | 5·91 | —12·65 | 1·91 | XI | 8 | —1·7 | 6·6 | —3·1 | 6 | 15 | 8 | 2 | 2 | 78 | 81 | 0 | 174 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Jamnagar. |
| 3·0 | —0·7 | 3·3 | 10·25 | —14·55 | 1·66 | VI | 17 | —13·0 | 10·6 | +3·4 | 23 | 26 | 27 | 19 | 17 | 84 | 91 | 35 | 44 | 50 | 49 | 16 | 6 | 11 | 47 | 98 | 85 | 4 | Rajkot. |
| 3·7 | +0·1 | 3·3 | 19·36 | —0·48 | 4·36 | VIII | 20 | —4·8 | 11·9 | .. | 74 | 82 | 6 | 1 | 9 | 31 | 77 | 78 | 8 | 5 | 10 | 0 | 9 | 36 | 63 | 163 | 80 | 0 | Veraval. |
| 4·3 | +0·4 | 3·7 | 18·68 | —22·99 | 2·63 | X | 2·7 | —2·6 | 5·3 | +0·9 | 26 | 43 | 30 | 37 | 27 | 88 | 29 | 9 | 77 | 17 | 23 | 2 | 4 | 13 | 190 | 37 | 66 | 14 | Surat. |
| 3·3 | —0·3 | 4·4 | 8·33 | —13·76 | 2·31 | VIII | 15 | —14·8 | 5·1 | 0 | 9 | 4 | 6 | 5 | 29 | 95 | 136 | 30 | 52 | 18 | 48 | 50 | 40 | 78 | 41 | 53 | 14 | 24 | Bhavnagar. |
| 3·3 | +0·1 | 3·7 | 12·10 | —17·11 | 1·37 | VII | 24 | —12·0 | 4·4 | +0·4 | 29 | 60 | 46 | 12 | 10 | 65 | 76 | 51 | 17 | 33 | 29 | 14 | 9 | 17 | 73 | 100 | 72 | 19 | Ahmedabad. |
| 3·8 | —0·1 | 3·7 | 29·77 | +1·62 | 5·00 | VI | 44 | +3·8 | 11·0 | +5·6 | 10 | 37 | 36 | 20 | 30 | 96 | 101 | 8 | 28 | 27 | 33 | 18 | 8 | 14 | 119 | 123 | 16 | 8 | Dohad. |
| 3·3 | 0 | 3·5 | 15·13 | —21·56 | 1·76 | XI | 31 | —8·6 | 3·2 | —0·4 | 13 | 33 | 14 | 6 | 18 | 82 | 48 | 9 | 143 | 28 | 30 | 10 | 4 | 15 | 64 | 92 | 41 | 32 | Baroda |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Central India, West. |
| 4·3 | +1·3 | 5·3 | 34·30 | +4·19 | 2·79 | VII | 52 | +15·9 | 6·2 | +0·3 | 5 | 102 | 14 | 12 | 3 | 57 | 120 | 14 | 39 | 12 | 90 | 8 | 13 | 0 | 75 | 109 | 30 | 29 | Neemuch. |
| 4·5 | +0·8 | 5·1 | 41·24 | +6·52 | 2·97 | IX | 64 | +17·3 | 4·1 | +6·0 | 6 | 30 | 17 | 23 | 9 | 49 | 103 | 41 | 88 | 32 | 46 | 15 | 20 | 17 | 65 | 103 | 53 | 15 | Indore. |
| 4·2 | +0·7 | 4·9 | 58·11 | +5·80 | 4·38 | IX | 70 | +11·1 | 4·8 | +1·1 | 10 | 32 | 8 | 12 | 7 | 32 | 102 | 61 | 102 | 15 | 52 | 17 | 9 | 3 | 25 | 112 | 84 | 49 | Bhopal. |
| 4·0 | +1·2 | 4·7 | 62·77 | +13·41 | 4·15 | IX | 61 | +8·1 | 4·9 | +1·1 | 10 | 10 | 37 | 18 | 7 | 52 | 63 | 24 | 145 | 34 | 26 | 14 | 13 | 4 | 31 | 100 | 89 | 55 | Guna. |
| 3·8 | .. | 4·7 | 46·27 | .. | 4·17 | VII | 49 | .. | 2·5 | .. | 9 | 13 | 23 | 11 | 13 | 17 | 58 | 58 | 164 | 45 | 42 | 20 | 10 | 3 | 10 | 31 | 75 | 130 | Gwalior. |
| 4·3 | .. | 4·8 | 52·56 | .. | 5·67 | VII | 57 | .. | 5·1 | .. | 11 | 39 | 7 | 7 | 20 | 113 | 52 | 21 | 96 | 50 | 81 | 21 | 21 | 8 | 17 | 48 | 94 | 26 | Madhosagar. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Central India, East. |
| 4·3 | +0·7 | 5·0 | 46·52 | +4·41 | 5·92 | VIII | 55 | +5·9 | 3·0 | +1·0 | 22 | 45 | 18 | 7 | 35 | 134 | 26 | 15 | 64 | 62 | 79 | 19 | 2 | 6 | 55 | 56 | 76 | 11 | Nowgong. |
| 4·2 | +0·7 | 4·4 | 61·04 | +15·64 | 5·84 | IX | 77 | +20·8 | 3·4 | +0·1 | 5 | 20 | 29 | 15 | 8 | 56 | 57 | 22 | 154 | 32 | 35 | 39 | 9 | 2 | 40 | 59 | 105 | 45 | Sutna. |
| 4·5 | +0·2 | 5·0 | 57·69 | +3·51 | 2·94 | IX | 71 | +2·9 | 2·9 | 0 | 17 | 9 | 29 | 32 | 25 | 58 | 53 | 30 | 113 | 67 | 33 | 20 | 9 | 7 | 33 | 65 | 98 | 34 | Umaria. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Berar. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Buldana. |
| 3·9 | +0·2 | 4·5 | 33·90 | +1·75 | 2·63 | VIII | 68 | +2·29 | 5·7 | +1·1 | 5 | 24 | 41 | 22 | 14 | 18 | 130 | 52 | 60 | 17 | 54 | 22 | 17 | 6 | 14 | 80 | 124 | 32 | Akola. |
| 4·8 | +1·1 | 5·4 | 47·39 | +13·87 | 3·30 | VII | 71 | +2·25 | 6·9 | +2·1 | 3 | 103 | 19 | 19 | 8 | 136 | 36 | 40 | 2 | 4 | 66 | 1 | 39 | 6 | 92 | 3·2 | 126 | 0 | Amraoti. |

‡ Total for 365 days. § Total for 364 days. ‖ Total for 359 days.

# Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2 -30 hrs. G. M.

| Station. | Height of bar. cistern above mean sea level in feet. | Pressure at station level, in millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Maximum temperature, °F. Mean. | Departure from normal. | Highest during the year. | Month. | Minimum temperature, °F. Mean. | Departure from normal. | Lowest during the year. | Month. | Dry bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Wet bulb temperature, °F. Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Vapour pressure, Millibars. Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Relati humid % Mean 8 hrs. I. S. T. | Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **C. P. West.** | | | | | | | | | | | | | | | | | | | | | |
| Khandwa | 1,044 | 973·2 | —0·7 | 969·5 | 91·7 | —0·6 | 115 | V | 68·8 | +1·8 | 41 | II | 72·9 | 89·0 | 65·5 | 70·7 | 19·0 | +2·2 | 17·7 | 67 | + |
| Hoshangabad | 992 | 974·6 | —1·2 | 971·1 | 89·4 | —0·4 | 114 | V | 69·1 | +1·4 | 47 | II | 72·5 | 87·2 | 65·0 | 70·0 | 18·5 | +1·1 | 17·7 | 69 | + |
| Saugor | 1,808 | 947·5 | —0·1 | 944·3 | 86·4 | —1·5 | 110 | V | 68·1 | +1·5 | 42 | II | 72·1 | 83·4 | 63·2 | 66·7 | 17·1 | +1·8 | 16·1 | 64 | + |
| Jubbulpore | 1,289 | 964·5 | —0·4 | 961·1 | 89·9 | +1·6 | 113 | V | 66·5 | +2·8 | 41 | II, XII | 72·7 | 86·0 | 65·0 | 69·7 | 18·5 | +1·2 | 17·9 | 69 | + |
| Seoni | 2,027 | 940·3 | —0·4 | 937·4 | 87·3 | —0·1 | 111 | V | 66·6 | +1·9 | 41 | II | 72·5 | 83·1 | 64·7 | 73·6 | 19·2 | +2·7 | 18·3 | 69 | + |
| Betul | 2,144 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Nagpur | 1,010 | 974·0 | —0·8 | 970·5 | 92·0 | 0 | 116 | V | 69·7 | +1·2 | 46 | II. XII | 75·3 | 88·3 | 66·6 | 70·1 | 19·0 | +1·5 | 17·4 | 62 | + |
| **C. P. East.** | | | | | | | | | | | | | | | | | | | | | |
| Gondia | 1,026 | 973·7 | .. | 970·3 | 90·3 | .. | 114 | V | 70·7 | .. | 47 | XII | 74·9 | 87·1 | 68·5 | 72·3 | 21·5 | .. | 20·9 | 73 | .. |
| Pendra | 2,040 | 939·5 | —0·5 | 936·6 | 85·7 | +1·3 | 110 | V | 66·6 | +2·0 | 42 | II | 72·8 | 81·0 | 64·8 | 67·9 | 18·4 | +1·2 | 18·4 | 69 | + |
| Champa | 805 | 981·4 | .. | 977·3 | 91·4 | .. | 117 | V | 71·1 | .. | 49 | II, XII | 74·5 | 88·4 | 68·1 | 71·7 | 21·5 | .. | 19·4 | 73 | .. |
| Raipur | 970 | 975·2 | —0·6 | 971·8 | 90·6 | +0·3 | 115 | V, II | 71·0 | +1·7 | 49 | II, XII | 76·4 | 87·8 | 68·1 | 71·2 | 20·3 | +1·0 | 19·0 | 66 | + |
| Titilagarh | 691 | 984·7 | .. | 980·9 | 91·7 | .. | 115 | V | 71·7 | .. | 47 | XII | 75·9 | 88·5 | 69·2 | 72·0 | 20·8 | .. | 19·7 | 71 | .. |
| Kanker | 1,318 | 964·3 | +0·1 | 960·7 | 89·0 | +0·3 | 111 | V | 68·9 | +2·1 | 44 | XII | 74·9 | 86·0 | 68·5 | 72·8 | 21·4 | +1·5 | 21·8 | 73 | + |
| Chanda | 634 | 987·3 | —0·5 | 983·5 | 91·8 | —0·8 | 115 | V | 70·4 | +1·6 | 42 | II | 75·4 | 89·4 | 68·4 | 72·9 | 21·2 | +1·1 | 20·5 | 71 | + |
| Jagdalpur | 1,815 | 947·5 | —0·5 | 944·2 | 88·0 | +0·4 | 110 | V | 66·6 | +1·8 | 44 | XII | 72·4 | 83·7 | 67·1 | 69·6 | 21·0 | —0·3 | 19·3 | 77 | |
| **Konkan.** | | | | | | | | | | | | | | | | | | | | | |
| Dahanu | 15 | 1008·9 | .. | 1006·5 | 86·6 | .. | 97 | III | 73·1 | .. | 52 | II | 76·0 | 83·9 | 72·4 | 79·1 | 26·7 | .. | 32·0 | 83 | .. |
| Bombay | 35 | 1008·1 | —0·9 | 1005·8 | 87·8 | +1·0 | 95 | 4 months | 75·6 | +1·8 | 61 | I | 78·6 | 84·0 | 74·0 | 76·4 | 26·8 | +1·2 | 27·8 | 80 | + |
| Alibag | 23 | 1009·4 | 0 | .. | 86·2 | +0·4 | 94 | III, IV | 73·9 | +1·3 | 57 | I, II | 76·9 | .. | 73·1 | .. | 26·6 | +2·1 | .. | 83 | + |
| Harnai | 66 | 1007·0 | .. | 1005·2 | .. | .. | 97 | III | 75·5 | .. | 65 | I | 78·6 | 82·0 | 73·2 | 76·4 | 25·7 | .. | 28·6 | 76 | .. |
| Devgad | 117 | 1005·9 | .. | 1003·3 | 87·1 | .. | 99 | III, VI. | 76·5 | .. | 63 | XII | 78·6 | 83·7 | 75·4 | 77·2 | 27·7 | .. | 28·9 | 81 | .. |
| Vengurla @ | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Marmagao | 202 | 1003·4 | —0·1 | 1000·4 | 85·5 | +0·7 | 99 | III | .. | .. | .. | .. | 79·3 | 82·8 | 74·8 | 75·9 | 26·9 | +1·1 | 27·5 | 79 | — |
| Honavar | 85 | 1008·1 | .. | 1005·2 | 88·4 | .. | 100 | III | 73·8 | .. | 64 | II | 77·6 | 84·2 | 73·8 | 77·3 | 27·0 | .. | 28·9 | 83 | .. |
| **Bombay Deccan.** | | | | | | | | | | | | | | | | | | | | | |
| Jalgaon | 660 | 985·5 | .. | 982·2 | 93·6 | .. | 116 | V | 69·0 | .. | 46 | XII | 73·4 | 91·5 | 67·3 | 73·0 | 21·0 | .. | 19·6 | 72 | .. |
| Malegaon | 1,432 | 960·7 | —0·5 | 956·5 | 91·9 | —0·3 | 111 | V | 66·5 | +1·3 | 41 | II | 73·9 | 88·0 | 66·3 | 69·5 | 19·3 | +2·2 | 16·6 | 66 | + |
| Ahmednagar | 2,154 | 936·8 | —0·8 | 933·5 | .. | .. | 108 | V | 66·1 | +1·9 | 44 | XII | 71·2 | 86·5 | 65·5 | 68·5 | 1·7 | +18·1 | 16·6 | 69 | +1 |
| Poona | 1,834 | 947·7 | —0·5 | 944·6 | 89·7 | +0·3 | 106 | IV | 66·4 | +2·0 | 45 | XII | 70·0 | 85·3 | 65·2 | 69·5 | 19·8 | +2·1 | 18·5 | 78 | + |
| Sholapur | 1,570 | 956·7 | —0·1 | 952·7 | 93·1 | +0·4 | 113 | V | 70·1 | +1·6 | 52 | XII | 73·8 | 89·9 | 66·2 | 70·8 | 19·4 | +2·3 | 18·2 | 67 | + |
| Miraj | 1,817 | 948·3 | —0·7 | 944·7 | 90·2 | +1·6 | 105 | IV, V | 67·4 | +1·4 | 50 | II | 70·8 | 86·7 | 66·2 | 70·9 | 20·5 | +1·2 | 19·5 | 78 | + |
| Kolhapur | 1,885 | 946·4 | .. | 943·1 | 87·8 | .. | 104 | IV, V | 67·2 | .. | 49 | XII | 70·2 | 84·1 | 65·8 | 69·6 | 20·3 | .. | 18·9 | 79 | .. |
| Bijapur | 1,950 | 944·0 | —0·4 | 940·5 | 90·9 | +0·2 | 108 | V | 69·2 | +1·2 | 48 | XII | 73·3 | 87·3 | 68·4 | 70·8 | 20·3 | +1·7 | 19·0 | 71 | + |
| Belgaum | 2,562 | 924·5 | —0·1 | 921·6 | 84·0 | —0·7 | 99 | III | 64·6 | +0·5 | 50 | II | 69·2 | 80·3 | 65·3 | 77·0 | 20·0 | +1·7 | 19·4 | 82 | + |
| Gadag | 2,131 | 938·6 | 0 | 935·0 | 89·5 | +0·9 | 104 | V | 68·5 | +0·6 | 53 | XII | 73·1 | 85·5 | 67·3 | 69·8 | 20·8 | +1·1 | 18·6 | 74 | |
| **Hyderabad North.** | | | | | | | | | | | | | | | | | | | | | |
| Aurangabad | 1,905 | 945·5 | —0·5 | 942·1 | 39·6 | —0·8 | 110 | V | 68·1 | +1·6 | 48 | XII | 72·4 | 86·8 | 65·5 | 70·6 | 19·2 | +3·1 | 19·2 | 71 | +1 |
| Parbhani | 1,350 | 962·1 | .. | 958·3 | 91·3 | .. | 114 | V | 69·2 | .. | 46 | II, XII | 74·1 | 88·9 | 67·3 | 72·3 | 20·3 | .. | 19·8 | 70 | .. |
| Bidar | 2,178 | 935·8 | .. | 932·5 | 86·3 | —2·4 | 109 | V | 69·7 | +1·2 | 56 | XII | 72·9 | 85·0 | 66·2 | 69·1 | 19·6 | +0·4 | 18·2 | 71 | + |
| Nizamabad | 1,250 | 966·4 | —0·7 | 962·7 | 91·6 | —0·4 | 115 | V | 71·1 | +2·2 | 49 | II | 75·0 | 88·7 | 67·5 | 71·4 | 20·0 | +0·5 | 17·7 | 68 | + |
| Ramakundam | 527 | 991·5 | .. | 987·5 | 93·3 | .. | 117 | V | 73·5 | .. | 51 | XII | 77·6 | 89·8 | 70·7 | 73·3 | 23·0 | .. | 21·0 | 71 | . |

@ Observatory started from October 1948, hence no annual means.

# nd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount, (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days. (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from:— | | | | | | | | | | | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | | |
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | C. P. West. |
| 4·2 | +1·0 | 5·0 | 47·68 | +16·95 | 7.00 | VII | 58 | +15·9 | 6·3 | +1·5 | 16 | 34 | 18 | 13 | 10 | 40 | 116 | 55 | 55 | 38 | 28 | 13 | 13 | 30 | 48 | 88 | 104 | 4 | Khandwa. |
| 5·5 | +1·9 | 6·4 | 72·95 | +22·89 | 6·51 | VII | 76 | +19·4 | 2·5 | .. | 15 | 44 | 44 | 5 | 15 | 71 | 55 | 8 | 109 | 24 | 33 | 16 | 7 | 22 | 60 | 70 | 33 | 101 | Hoshangabad. |
| 5·0 | +1·6 | 6·1 | 59·43 | +11·77 | 3·49 | VII | 70 | +11·6 | 10·2 | +0·4 | 13 | 49 | 40 | 49 | 26 | 60 | 90 | 26 | 13 | 54 | 52 | 26 | 13 | 3 | 31 | 102 | 72 | 13 | Saugor. |
| 4·6 | +1·1 | 5·2 | 62·19 | +4·64 | 4·87 | VIII | 77 | +12·1 | 3·8 | +1·6 | 8 | 22 | 10 | 79 | 39 | 59 | 65 | 11 | 73 | 61 | 67 | 8 | 19 | 10 | 55 | 62 | 49 | 35 | Jubbulpore. |
| 4·9 | +1·8 | 4·8 | 69·82 | +16·16 | 4·10 | VIII | 94 | +23·6 | 3·4 | +0·3 | 47 | 37 | 9 | 13 | 31 | 45 | 46 | 26 | 112 | 71 | 36 | 14 | 31 | 48 | 47 | 38 | 57 | 24 | Seoni. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Betul. |
| 4·6 | +0·7 | 5·6 | 46·37 | —2·87 | 3·82 | VII | 75 | +12·4 | 5·0 | .. | 54 | 42 | 21 | 8 | 9 | 58 | 39 | 64 | 71 | 39 | 52 | 49 | 26 | 13 | 51 | 16 | 52 | 23 | Nagpur. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | C. P. East. |
| 3·7 | .. | 3·1 | 58·60 | .. | 2·85 | VIII | 80 | .. | 3·0 | .. | 74 | 30 | 13 | 28 | 29 | 64 | 36 | 39 | 53 | 63 | 40 | 12 | 13 | 13 | 79 | 50 | 59 | 37 | Gondia. |
| 4·3 | +0·6 | 5·8 | 64·49 | +10·41 | 5·00 | VIII | 86 | +8·7 | 3·8 | +0·3 | 64 | 19 | 11 | 13 | 76 | 24 | 20 | 63 | 76 | 94 | 27 | 7 | 19 | 78 | 35 | 22 | 65 | 19 | Pendra. |
| 4·6 | .. | 5·3 | 51·58 | .. | 3·61 | VII | 75 | .. | 4·7 | .. | 83 | 30 | 36 | 15 | 11 | 46 | 55 | 47 | 43 | 73 | 26 | 24 | 12 | 11 | 37 | 89 | 62 | 32 | Champa. |
| 4·7 | +1·0 | 5·4 | 53·64 | +1·20 | 5·95 | VIII | 58 | —6·3 | 4·4 | +0·7 | 23 | 54 | 8 | 10 | 8 | 135 | 15 | 32 | 80* | 24 | 66 | 7 | 12 | 2 | 91 | 6 | 91 | 66* | Raipur. |
| 4·0 | .. | 4·3 | 54·77 | .. | 8·71 | VIII | 67 | .. | 2·5 | .. | 20 | 19 | 6 | 34 | 85 | 58 | 10 | 3 | 131 | 48 | 57 | 20 | 22 | 57 | 52 | 26 | 28 | 56 | Titlagarh. |
| 5·1 | +0·5 | 5·9 | 51·29 | —6·84 | 5·35 | VIII | 61 | —10.9 | 4·0 | +0·5 | 3 | 3 | 1 | 4 | 17 | 78 | 24 | 11 | 225 | 28 | 31 | 3 | 4 | 4 | 54 | 64 | 67 | 111 | Kanker. |
| 4·3 | +0·6 | 4·9 | 47·54 | +2·58 | 4·18 | VIII | 71 | +7·7 | 3·7 | +0·7 | 1 | 22 | 7 | 45 | 0 | 71 | 2 | 92 | 126 | 0 | 54 | 2 | 31 | 0 | 73 | 1 | 125 | 80 | Chanda. |
| 4·7 | +0·5 | 5·7 | 51·00 | —12·26 | 4·00 | IX | 79 | —4·0 | 4·4 | +1·8 | 0 | 28 | 0 | 7 | 1 | 160 | 2 | 55 | 113 | 0 | 53 | 0 | 3 | 0 | 174 | 7 | 88 | 41 | Jagdalpur. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Konkan. |
| 5·3 | .. | 4·2 | 62·11 | .. | 10·10 | XI | 53 | .. | 9·4 | .. | 14 | 19 | 132 | 86 | 12 | 37 | 55 | 6 | 4* | 65 | 0 | 0 | 3 | 7 | 62 | 151 | 77 | 0* | Dahanu. |
| 4·7 | +0·4 | 4·0 | 71·74 | +0·53 | 6·80 | VII | 68 | —5·7 | 7·6 | 0 | 42 | 59 | 48 | 42 | 17 | 37 | 60 | 14 | 47 | 28 | 4 | 2 | 3 | 13 | 31 | 120 | 163 | 2 | Bombay. |
| 4·6 | —0·1 | .. | 74·42 | —7·40 | 8·06 | VII | 75 | —8·8 | 6·7 | —1·6 | 18 | 46 | 53 | 35 | 6 | 49 | 35 | 10 | 114 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Alibag. |
| .. | .. | .. | 92·05 | .. | 9·55 | VII | 96 | .. | 9·4 | .. | 13 | 91 | 48 | 64 | 4 | 60 | 30 | 55 | 1 | 0 | 1 | 4 | 26 | 5 | 93 | 125 | 112 | 0 | Harnai. |
| 5·5 | .. | 5·5 | 114·09 | .. | 9·26 | IX | 97 | .. | 10·0 | .. | 15 | 61 | 127 | 33 | 7 | 5 | 54 | 54 | 7† | 7 | 6 | 5 | 0 | 5 | 30 | 83 | 227 | 0† | Devgad. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Vengurla@ |
| 4·8 | —0·1 | 4·7 | 124·37 | +23·62 | 5·50 | VII | 98 | —0·8 | 8·1 | +1·6 | 27 | 59 | 93 | 44 | 32 | 18 | 65 | 28 | 0 | 4 | 3 | 7 | 7 | 13 | 34 | 175 | 122 | 0* | Marmagao. |
| 5·8 | .. | 5·7 | 140·39 | +1·87 | 5·21 | VI | 119 | +8·5 | 3·1 | .. | 0 | 33 | 160 | 29 | 6 | 7 | 44 | 23 | 64 | 2 | 7 | 16 | 5 | 11 | 21 | 194 | 88 | 22 | Honavar. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Bombay, Deccan. |
| 4·2 | .. | 3·9 | 36·46 | —5·96 | 3·38 | VII | 60 | +13·7 | 6·5 | .. | 3 | 6 | 69 | 35 | 9 | 33 | 156 | 23 | 32 | 36 | 48 | 34 | 12 | 14 | 18 | 123 | 80 | 1 | Jalgaon. |
| 3·2 | —0·2 | 4·5 | 29·81 | +8·23 | 2·87 | VI | 48 | +14·3 | 5·0 | —0·9 | 3 | 5 | 2 | 4 | 1 | 16 | 86 | 17 | 232 | 12 | 45 | 17 | 18 | 7 | 40 | 97 | 85 | 45 | Malegaon. |
| 4·2 | +0·9 | 5·1 | 33·48 | +9·81 | 4·91 | XI | 55 | +18·5 | 4·9 | —1·2 | 18 | 16 | 1 | 22 | 4 | 58 | 35 | 18 | 94 | 45 | 51 | 9 | 26 | 18 | 56 | 63 | 81 | 17 | Ahmednagar. |
| 4·4 | +0·6 | 5·0 | 32·83 | +6·34 | 2·90 | XI | 57 | +10·3 | 3·0 | —3·3 | 1 | 0 | 7 | 0 | 2 | 24 | 132 | 7 | 192* | 4 | 19 | 37 | 6 | 1 | 11 | 158 | 67 | 63 | Poona. |
| 5·1 | +1·4 | 5·7 | 41·09 | +13·89 | 4·48 | IX | 50 | +8·8 | 6·9 | —0·1 | 26 | 35 | 20 | 52 | 2 | 101 | 10 | 67 | 53 | 26 | 55 | 23 | 47 | 5 | 106 | 8 | 70 | 26‡ | Sholapur. |
| 4·5 | —0·1 | 6·1 | 23·68 | —2·06 | 2·06 | V | 50 | +3·8 | 6·9 | +0·2 | 13 | 17 | 51 | 8 | 6 | 40 | 113 | 29 | 88* | 37 | 23 | 70 | 15 | 9 | 32 | 126 | 32 | 20‡ | Miraj. |
| 4·0 | .. | 4·4 | 44·93 | .. | 2·50 | VII | 70 | .. | 8·0 | .. | 1 | 25 | 40 | 3 | 1 | 28 | 151 | 7 | 107† | 10 | 38 | 38 | 10 | 5 | 22 | 197 | 26‡ | 17† | Kolhapur. |
| .. | .. | .. | 19·95 | —0·24 | 1·85 | IX | 44 | +12·9 | 6·1 | +0·9 | 29 | 16 | 8 | 34 | 22 | 76 | 81 | 57 | 43 | 40 | 66 | 32 | 40 | 10 | 52 | 74 | 43 | 9 | Bijapur. |
| 4·0 | —0·6 | 4·2 | 51·70 | +0·77 | 3·46 | IX | 98 | +17·1 | 4·5 | +0·5 | 18 | 56 | 71 | 2 | 3 | 24 | 176 | 14 | 2 | 15 | 47 | 62 | 1 | 8 | 28 | 170 | 35 | 0 | Belgaum. |
| 5·5 | +1·4 | 6·7 | 31·53 | +7·11 | 2·70 | IX | 46 | —0·3 | 7·5 | +0·5 | 1 | 41 | 57 | 17 | 3 | 76 | 100 | 28 | 43 | 4 | 64 | 72 | 17 | 6 | 60 | 92 | 38 | 13 | Gadag. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Hyderabad North. |
| 3·9 | —0·1 | 4·6 | 34·16 | +5·87 | 2·67 | VI | 70 | +25·2 | 7·4 | +0·2 | 13 | 52 | 68 | 8 | 10 | 27 | 155 | 6 | 27 | 33 | 22 | 45 | 16 | 15 | 29 | 143 | 51 | 12 | Aurangabad. |
| 4·4 | .. | 5·1 | 40·21 | +7·75 | 4·54 | XI | 63 | +15·8 | .. | .. | 7 | 54 | 66 | 10 | 7 | 31 | 150 | 26 | 15 | 10 | 63 | 46 | 14 | 8 | 27 | 136 | 36 | 26 | Parbhani |
| 5·0 | +1·1 | 6·3 | 52·95 | +19·21 | 4·86 | XI | 64 | +10·7 | 8·2 | +0·3 | 6 | 26 | 39 | 30 | 36 | 90 | 83 | 51 | 2† | 34 | 67 | 49 | 15 | 19 | 48 | 64 | 61 | 3A | Bidar. |
| 3·2 | —0·3 | 3·4 | 41·89 | +1·59 | 2·77 | IX | 71 | +13·2 | 3·3 | —0·1 | 6 | 11 | 6 | 40 | 7 | 123 | 16 | 9 | 148 | 37 | 85 | 8 | 30 | 9 | 59 | 25 | 72 | 41 | Nizamabad. |
| 5·8 | .. | 5·8 | 38·01 | .. | 2·57 | XI | 57 | .. | 3·6 | .. | 20 | 13 | 6 | 64 | 33 | 18 | 61 | 25 | 116§ | 46 | 47 | 20 | 50 | 31 | 22 | 52 | 41 | 46P | Ramakundam |

*Total for 365 days. †Total for 363 days. A. Total for 360 days. P. Total for 355 days. ‡ Total for 364 days. §Total for 356 days.

# Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M.

| Station. | Height of bar. cistern above mean sea level in feet. | Pressure at station level, Millibars. | | | Maximum temperature, °F. | | | | Minimum temperature, °F. | | | | Dry bulb temperature, °F. | | Wet bulb temperature, °F. | | Vapour pressure Millibars. | | | Relati humidi % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean. | Departure from normal. | Highest during the year. | Month. | Mean. | Departure from normal. | Lowest during the year. | Month. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **Hyderabad South.** | | | | | | | | | | | | | | | | | | | | | |
| Gulbarga | 1,503 | 958·4 | —0·6 | 954·6 | 91·2 | —1·5 | 111 | V | 70·6 | +1·5 | 49 | XII | 74·4 | 89·0 | 68·0 | 72·2 | 21·1 | +2·6 | 20·2 | 71 | +7 |
| Raichur | 1,311 | 965·2 | —0·3 | 961·3 | 91·5 | —1·0 | 110 | V | 72·5 | +0·7 | 56 | XII | 75·5 | 90·0 | 69·3 | 72·4 | 21·9 | +1·2 | 19·5 | 72 | +5 |
| Hyderabad (Begumpet) | 1,778 | 949·2 | —0·3 | 945·9 | 90·7 | +0·3 | 111 | V | 69·8 | +1·4 | 49 | XII | 73·7 | 86·5 | 68·1 | 71·8 | 21·8 | +1·2 | 20·8 | 77 | +5 |
| Hanamkonda | 881 | 979·0 | —0·7 | 975·3 | 92·2 | +1·0 | 115 | V | 72·9 | +1·4 | 52 | XII | 84·9 | 89·3 | 70·6 | 71·9 | 23·1 | +1·2 | 19·1 | 75 | +5 |
| Khammameth* | 367 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **Mysore.** | | | | | | | | | | | | | | | | | | | | | |
| Chitaldrug | 2,405 | 929·4 | —0·2 | 926·0 | 86·1 | —1·3 | 99 | IV | 68·0 | +0·1 | 53 | XII | 71·9 | 83·9 | 67·1 | 69·2 | 20·8 | +1·2 | 18·5 | 78 | +6 |
| Hassan | 3,149 | 905·9 | .. | 903·1 | 82·5 | —1·3 | 96 | IV | 64·5 | +1·1 | 51 | XII | 68·2 | 78·4 | 65·2 | 67·2 | 20·1 | +0·6 | 18·2 | 85 | +6 |
| Bangalore | 3,021 | 909·8 | —0·3 | 906·7 | 83·9 | —0·1 | 96 | III, IV | 65·7 | +1·7 | 54 | XII | 68·8 | 80·5 | 65·4 | 66·5 | 20·1 | +0·5 | 16·7 | 83 | +3 |
| Mysore | 2,518 | 926·2 | —0·3 | 923·1 | 85·5 | —0·8 | 97 | IV | 67·0 | +0·8 | 56 | XII | 70·5 | 83·3 | 67·0 | 68·3 | 21·3 | +0·8 | 17·7 | 83 | +5 |
| **Malabar.** | | | | | | | | | | | | | | | | | | | | | |
| Mangalore | 72 | 1008·2 | —0·3 | 1005·3 | 87·1 | —0·2 | 93 | II, III, XII | 75·0 | +0·6 | 66 | XII | 78·2 | 83·8 | 74·7 | 77·2 | 27·9 | +1·3 | 28·9 | 84 | +3 |
| Calicut | 27 | 1009·6 | —0·5 | 1006·7 | 88·5 | +1·6 | 95 | III | 75·3 | +0·7 | 69 | XII | 77·8 | 85·8 | 74·9 | 79·1 | 28·3 | +0·8 | 30·9 | 87 | +1 |
| Palghat | 319 | 999·9 | .. | 996·1 | 90·0 | .. | 104 | IV | 74·6 | .. | 68 | II, XII | 77·6 | 86·5 | 73·7 | 75·5 | 26·7 | .. | 25·2 | 83 | .. |
| Cochin | 10 | 1010·5 | —0·5 | 1007·4 | 86·1 | +0·6 | 93 | IV | 75·8 | +0·1 | 70 | XII | 79·7 | 83·9 | 75·5 | 77·6 | 28·5 | +1·2 | 29·5 | 82 | 0 |
| Alleppey | 12 | 1010·3 | .. | 1007·4 | 88·2 | .. | 95 | III | 75·5 | .. | 69 | XII | 79·9 | 84·7 | 76·5 | 78·0 | 29·6 | .. | 28·7 | 86 | .. |
| Trivandrum | 211 | 1003·5 | —0·3 | 1000·7 | 87·2 | .. | 95 | IV | 74·5 | .. | 69 | XII | 77·2 | 83·4 | 74·7 | 76·5 | 28·2 | +1·0 | 28·1 | 88 | +3 |
| Nagercoil | 195 | 1003·7 | .. | 1000·8 | 90·3 | .. | 100 | III | 76·2 | .. | 70 | XII | 79·5 | 84·9 | 73·9 | 75·9 | 26·2 | .. | 26·5 | 76 | .. |
| **Madras, South-East.** | | | | | | | | | | | | | | | | | | | | | |
| Pamban | 37 | 1009·3 | —0·3 | 1006·1 | 86·9 | —0·8 | 95 | V | 78·5 | +1·1 | 72 | XI | 82·6 | 82·7 | 77·4 | 77·6 | 29·9 | +0·5 | 30·3 | 79 | —3 |
| Madura | 437 | 995·2 | —0·5 | 991·2 | 94·1 | +1·5 | 106 | V | 75·9 | +1·7 | 66 | II, XII | 80·9 | 90·1 | 73·5 | 74·5 | 25·1 | +0·6 | 22·3 | 70 | —2 |
| Negapatam | 31 | 1009·1 | —0·2 | 1005·8 | 90·1 | +0·1 | 105 | V | 78·2 | +1·6 | 69 | I, XII | 81·7 | 85·7 | 75·8 | 77·9 | 27·9 | +0·6 | 29·1 | 75 | —2 |
| Trichinopoly | 295 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Coimbatore | 1,341 | 964·6 | —0·[illegible] | 961·3 | 89·3 | 0 | 101 | IV | 71·6 | +1·7 | 63 | XII | 74·9 | 85·8 | 70·5 | 71·8 | 23·5 | —0·6 | 20·4 | 79 | —3 |
| Salem | 913 | 979·1 | —0·5 | 974·8 | 93·2 | +0·4 | 104 | III | 73·3 | +1·7 | 61 | XII | 75·9 | 87·9 | 71·0 | 73·2 | 23·9 | —0·7 | 20·9 | 78 | 0 |
| Cuddalore | 39 | 1008·8 | —0·2 | 1005·2 | 90·5 | +0·2 | 108 | V | 77·1 | +2·1 | 65 | I | 79·3 | 86·4 | 74·4 | 77·1 | 27·0 | —0·6 | 27·7 | 79 | —1 |
| Vellore | 703 | 986·1 | +0·1 | 982·0 | 93·0 | +1·3 | 108 | V | 74·4 | +1·9 | 61 | I, II, XII | 77·9 | 90·0 | 72·7 | 75·1 | 25·3 | +0·9 | 23·1 | 78 | 0 |
| Madras | 51 | 1008·2 | —0·2 | 1004·0 | 92·1 | —0·1 | 110 | V, VI | 76·4 | +1·5 | 65 | I | 80·6 | 86·5 | 74·9 | 76·5 | 27·1 | +0·8 | 26·7 | 77 | +1 |
| Arogyavaram | 2,299 | 933·2 | .. | 929·7 | 86·8 | .. | 99 | IV | 68·6 | .. | 55 | I, XII | 73·3 | 83·5 | 67·5 | 68·9 | 20·7 | .. | 18·5 | 75 | .. |
| **Madras, Deccan.** | | | | | | | | | | | | | | | | | | | | | |
| Cuddapah | 428 | 995·5 | —0·2 | 990·9 | 95·6 | +0·3 | 109 | IV, V | 76·1 | +1·4 | 58 | II | 83·2 | 90·7 | 74·8 | 78·1 | 25·9 | +1·8 | 27·6 | 67 | —2 |
| Bellary | 1,473 | 959·9 | —0·3 | 955·6 | 91·6 | —1·3 | 105 | IV | 72·2 | +1·1 | 55 | XII | 75·8 | 88·9 | 68·8 | 71·6 | 21·0 | +1·6 | 18·7 | 70 | +6 |
| Kurnool | 923 | 978·5 | —0·1 | 974·[illegible] | 93·3 | —0·4 | 110 | V | 72·0 | +0·4 | 51 | XII | 76·8 | 90·2 | 69·8 | 72·1 | 22·1 | +1·0 | 18·7 | 70 | +2 |
| Rentichintala | 348 | 997·5 | .. | 993·5 | 93·8 | —0·5 | 117 | V | 74·7 | +0·6 | 53 | XII | 78·9 | 92·3 | 72·4 | 74·3 | 24·6 | +1·0 | 21·1 | 73 | +4 |
| Anantapur | 1,148 | 970·7 | .. | 966·3 | 92·8 | .. | 107 | V | 72·5 | .. | 54 | XII | 77·2 | 90·2 | 70·3 | 72·8 | 22·4 | .. | 19·9 | 70 | .. |
| **Madras Coast, North.** | | | | | | | | | | | | | | | | | | | | | |
| Nellore | 66 | 1009·2 | +1·5 | 1003·7 | 94·3 | +0·9 | 113 | VI | 76·4 | +0·9 | 63 | XII | 81·0 | 88·9 | 74·9 | 76·8 | 26·9 | +0·4 | 26·2 | 76 | 0 |
| Ongole | 38 | 1008·0 | .. | 1004·2 | 92·8 | .. | 115 | V | 76·5 | .. | 61 | XII | 80·7 | 88·2 | 74·6 | 77·0 | 26·6 | .. | 26·8 | 76 | .. |
| Masulipatam | 10 | 1009·1 | —0·5 | 1005·6 | 89·9 | —0·2 | 114 | V | 76·3 | +1·8 | 61 | XII | 80·5 | 86·4 | 75·7 | 77·4 | 28·4 | +0·3 | 28·2 | 80 | —1 |
| Cocanada | 26 | 1008·7 | —0·2 | 1005·2 | 88·8 | —0·5 | 114 | VI | 75·7 | +0·8 | 58 | XII | 80·9 | 85·6 | 75·9 | 77·3 | 28·6 | +1·6 | 28·5 | 78 | 0 |
| Vizagapatam | 126 | 1004·7 | —0·4 | 1001·6 | 86·7 | —0·2 | 102 | VI | 76·4 | +0·9 | 62 | XII | 80·2 | 83·3 | 74·9 | 76·5 | 27·6 | +1·6 | 28·4 | 77 | +3 |
| Calingapatam | 19 | 1008·0 | —0·6 | 1005·2 | 87·2 | —1·1 | 105 | VI | 74·8 | +0·9 | 56 | XII | 77·7 | 83·8 | 74·1 | 77·2 | 27·7 | +0·3 | 29·2 | 84 | +3 |

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

## nd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from :— | | | | | | | | | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | |
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | HYDERABAD—SOUTH. |
| .. | .. | .. | 43·99 | +14·62 | 3·10 | VIII | 62 | +16·1 | 8·3 | +1·3 | 33 | 72 | 41 | 18 | 18 | 68 | 71 | 41 | 0Q | 40 | 54 | 49 | 28 | 24 | 52 | 65 | 49 | 110‖ | Gulbarga. |
| 4·3 | +1·0 | 5·4 | 23·13 | —2·41 | 3·90 | VIII | 41 | —1·9 | 8·9 | +1·9 | 3 | 32 | 48 | 71 | 15 | 89 | 57 | 41 | 2M | 4 | 49 | 53 | 81 | 10 | 42 | 53 | 62 | 0Z | Raichur. |
| 5·1 | +0·7 | 5·5 | 31·87 | +2·45 | 3·14 | XI | 47 | —3·3 | 6·9 | +1·3 | 7 | 16 | 25 | 43 | 3 | 25 | 100 | 47 | 100 | 24 | 43 | 67 | 50 | 8 | 27 | 66 | 52 | 29 | Hyderabad (Begumpet). |
| 4·7 | +0·2 | 4·5 | 34·16 | 2·82 | 3·97 | IX | 57 | +3·2 | 5·9 | +1·0 | 30 | 9 | 6 | 74 | 77 | 25 | 64 | 42 | 39 | 67 | 42 | 13 | 52 | 40 | 24 | 51 | 60 | 17 | Hanamkonda. |
| .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Khammameth.* |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MYSORE. |
| 5·5 | +0·4 | 6·4 | 32·31 | +7·01 | 3·08 | V | 58 | +12·2 | 6·4 | +1·1 | 0 | 1 | 50 | 52 | 7 | 74 | 116 | 17 | 49 | 3 | 32 | 86 | 32 | 8 | 54 | 95 | 34 | 22 | Chitaldrug. |
| 5·9 | +0·7 | 6·2 | 34·52 | —0·48 | 2·36 | VIII | 64 | —3·3 | 6·5 | +2·1 | 7 | 15 | 75 | 26 | 2 | 38 | 142 | 17 | 44 | 7 | 25 | 106 | 19 | 5 | 50 | 140 | 10 | 4 | Hassan. |
| 6·7 | +1·2 | 6·8 | 39·44 | +5·36 | 4·14 | VIII | 69 | +11·8 | 7·7 | +2·1 | 4 | 25 | 68 | 44 | 17 | 58 | 106 | 30 | 14 | 22 | 53 | 70 | 43 | 11 | 17 | 84 | 61 | 5 | Bangalore. |
| 6·5 | +1·0 | 7·1 | 29·31 | —1·87 | 3·13 | V | 48 | —8·1 | 6·9 | +0·8 | 10 | 50 | 46 | 15 | 16 | 74 | 110 | 6 | 39 | 27 | 53 | 85 | 13 | 6 | 30 | 131 | 12 | 9 | Mysore. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MALABAR. |
| 5·6 | +0·3 | 5·8 | 120·52 | —9·07 | 6·50 | VI | 131 | +1·32 | 5·1 | +0·3 | 18 | 42 | 202 | 28 | 9 | 18 | 19 | 14 | 16 | 36 | 1 | 3 | 3 | 4 | 58 | 96 | 161 | 4 | Mangalore. |
| 6·4 | +0·9 | 6·8 | 120·06 | +1·40 | 4·84 | VI | 124 | +8·8 | 6·5 | +1·2 | 39 | 123 | 126 | 17 | 8 | 5 | 12 | 28 | 8 | 7 | 6 | 3 | 0 | 6 | 63 | 170 | 111 | 0 | Calicut. |
| 5·1 | .. | 5·6 | 83·09 | .. | 3·19 | VII | 112 | .. | 6·3 | .. | 0 | 3 | 117 | 21 | 2 | 24 | 173 | 6 | 20 | 1 | 7 | 101 | 10 | 0 | 40 | 173 | 22 | 12 | Palghat. |
| 6·6 | +1·4 | 6·9 | 109·26 | —6·07 | 6·10 | VI | 125 | —5·1 | 5·8 | +1·2 | 16 | 71 | 144 | 38 | 1 | 7 | 15 | 8 | 66 | 10 | 4 | 4 | 2 | 3 | 41 | 182 | 110 | 10 | Cochin. |
| 7·1 | .. | 6·5 | 137·10 | .. | 8·95 | VI | 161 | .. | 5·7 | .. | 15 | 74 | 113 | 50 | 3 | 6 | 15 | 37 | 53 | 15 | 2 | 4 | 5 | 1 | 24 | 147 | 166 | 2 | Alleppey. |
| 5·5 | —0·3 | 6·5 | 82·59 | +15·80 | 6·41 | XI | 107 | +9·7 | 4·9 | +0·5 | 86 | 100 | 17 | 24 | 2 | 3 | 6 | 97 | 31 | 12 | 9 | 3 | 9 | 16 | 93 | 88 | 130 | 6 | Trivandrum. |
| 6·8 | .. | 7·8 | 46·39 | .. | 4·60 | XI | 76 | .. | 8·4 | .. | 20 | 103 | 28 | 0 | 1 | 4 | 128 | 68 | 14 | 3 | 50 | 31 | 14 | 5 | 40 | 189 | 33 | 1 | Nagercoil. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MADRAS, SOUTH-EAST. |
| 6·0 | +2·1 | 4·8 | 32·20 | —4·94 | 3·59 | XI | 43 | —4·5 | 9·8 | +1·2 | 60 | 52 | 20 | 27 | 81 | 65 | 39 | 22 | 0 | 75 | 71 | 5 | 47 | 105 | 53 | 2 | 8 | 0 | Pamban. |
| 5·7 | +0·1 | 6·9 | 33·05 | —1·32 | 3·26 | X | 38 | —12·5 | 4·0 | +0·1 | 57 | 42 | 17 | 0 | 3 | 2 | 70 | 68 | 107 | 20 | 66 | 72 | 30 | 12 | 9 | 71 | 23 | 63 | Madura. |
| 7·0 | +1·6 | 6·1 | 41·87 | —13·51 | 5·02 | XI | 44 | —11·5 | 8·3 | +2·1 | 5 | 47 | 19 | 14 | 11 | 95 | 88 | 54 | 33 | 32 | 117 | 39 | 71 | 65 | 62 | 8 | 0 | 2 | Negapatam. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | Trichinopoly. |
| 5·5 | +0·8 | 5·6 | 19·50 | —3·73 | 16·0 | XI | 41 | —3·6 | 6·9 | +3·2 | 52 | 79 | 27 | 6 | 71 | 92 | 25 | 2 | 12 | 49 | 78 | 34 | 6 | 69 | 100 | 30 | 0 | 0 | Coimbatore. |
| 4·9 | +0·3 | 6·1 | 31·85 | —6·63 | 3·14 | V | 68 | +6·1 | 5·7 | +2·0 | 4 | 43 | 99 | 5 | 4 | 117 | 44 | 2 | 48 | 9 | 16 | 116 | 17 | 20 | 32 | 62 | 12 | 82 | Salem. |
| 5·8 | +0·8 | 5·9 | 42·73 | —11·73 | 4·81 | XI | 50 | —5·5 | 6·7 | +2·3 | 40 | 9 | 5 | 3 | 32 | 116 | 61 | 68 | 32 | 8 | 71 | 62 | 148 | 19 | 29 | 19 | 6 | 4 | Cuddalore. |
| .. | .. | .. | 30·46 | —11·84 | 2·08 | XI | 45 | —11·8 | 4·7 | +1·4 | 2 | 12 | 10 | 2 | 13 | 98 | 41 | 7 | 181 | 2 | 22 | 122 | 54 | 34 | 83 | 24 | 5 | 20 | Vellore. |
| 5·8 | +0·7 | 5·8 | 34·09 | —15·83 | 3·62 | X | 61 | +3·6 | 11·5 | +0·7 | 6 | 32 | 14 | 29 | 32 | 81 | 95 | 76 | 0 | 9 | 71 | 50 | 199 | 4 | 4 | 16 | 13 | 0 | Madras. |
| 6·3 | .. | 6·2 | 26·51 | .. | 1·80 | VIII | 47 | .. | 5·4 | .. | 17 | 4 | 8 | 32 | 52 | 7 | 81 | 56 | 109 | 24 | 66 | 67 | 32 | 5 | 18 | 70 | 56 | 28 | Arogyavaram. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MADRAS, DECCAN. |
| 4·5 | 0 | 5·0 | 22·87 | —7·39 | 3·57 | IX | 42 | —3·8 | 5·9 | —0·2 | 0 | 0 | 31 | 10 | 0 | 0 | 108 | 9 | 208 | 11 | 9 | 120 | 36 | 4 | 1 | 84 | 31 | 70 | Cuddapah. |
| 6·4 | +2·0 | 6·0 | 22·82 | +2·78 | 4·14 | VIII | 33 | —0·5 | 5·7 | +0·9 | 11 | 10 | 33 | 26 | 9 | 6 | 104 | 44 | 130 | 14 | 13 | 90 | 36 | 7 | 13 | 100 | 45 | 48 | Bellary. |
| 5·1 | +0·9 | 5·5 | 22·42 | —2·37 | 1·71 | VIII | 50 | +4·9 | 6·3 | +0·8 | 4 | 10 | 20 | 24 | 13 | 43 | 97 | 30 | 125 | 10 | 22 | 55 | 45 | 14 | 24 | 58 | 63 | 74* | Kurnool. |
| 5·8 | —0·2 | 6·2 | 27·32 | —0·76 | 2·72 | IV | 49 | —0·9 | 5·7 | —0·4 | 6 | 10 | 14 | 29 | 25 | 54 | 88 | 15 | 125 | 27 | 34 | 49 | 68 | 14 | 36 | 70 | 38 | 30 | Rentichintala. |
| 4·8 | .. | 5·1 | 16·90 | —7·36 | 3·91 | XI | 34 | —0·6 | 8·3 | .. | 4 | 21 | 47 | 28 | 6 | 52 | 119 | 28 | 61 | 10 | 67 | 65 | 24 | 3 | 17 | 92 | 45 | 43 | Anantapur. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MADRAS COAST, NORTH. |
| 5·5 | +0·1 | 5·4 | 36·72 | —2·19 | 6·14 | XI | 48 | +3·3 | 4·5 | +0·2 | 15 | 4 | 3 | 11 | 51 | 7 | 66 | 43 | 166 | 4 | 23 | 126 | 76 | 11 | 5 | 56 | 24 | 41 | Nellore. |
| 5·5 | .. | 5·6 | 33·15 | .. | 5·13 | X | 54 | .. | 5·9 | .. | 37 | 29 | 5 | 39 | 28 | 31 | 98 | 16 | 83 | 3 | 22 | 88 | 120 | 1 | 17 | 73 | 8 | 34 | Ongole. |
| 5·2 | +0·5 | 4·9 | 37·89 | —3·54 | 5·61 | XI | 45 | —10·4 | 6·9 | +1·8 | 31 | 41 | 17 | 28 | 47 | 42 | 64 | 56 | 40 | 7 | 3 | 31 | 114 | 85 | 8 | 16 | 53 | 49 | Masulipatam. |
| 4·5 | —0·7 | 4·4 | 49·76 | +8·74 | 6·62 | XI | 64 | +8·2 | 7·8 | +2·4 | 15 | 84 | 0 | 17 | 3 | 199 | 1 | 32 | 13 | 1 | 32 | 20 | 127 | 27 | 149 | 2 | 8 | 0 | Cocanada. |
| 4·7 | —0·7 | 5·1 | 29·79 | —8·10 | 2·17 | X | 52 | +0·2 | 5·4 | +1·2 | 37 | 26 | 3 | 5 | 14 | 72 | 90 | 23 | 96 | 2 | 20 | 71 | 35 | 122 | 65 | 27 | 6 | 18 | Vizagapatam. |
| 6·1 | +1·9 | 6·1 | 32·14 | —8·21 | 4·23 | VII | 45 | —6·1 | 8·6 | +2·3 | 49 | 5 | 7 | 4 | 11 | 75 | 111 | 103 | 0* | 2 | 18 | 64 | 63 | 75 | 123 | 18 | 3 | 0 | Calingapatam. |

*Total for 365 days. ‖ Total for 361 days. Q. Total for 362 days. Z. Total for 354 days. M. Total for 358 days.

## Table II.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M.

| Station. | Height of bar, cistern above mean sea level in feet. | Pressure at Station level, millibars. | | | Maximum temperature, °F. | | | | Minimum temperature, °F. | | | | Dry bulb temperature, °F. | | Wet bulb temperature, °F. | | Vapour pressure, millibars. | | | Relat humid % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean. | Departure from normal. | Highest during the year. | Month. | Mean. | Departure from normal. | Lowest during the year. | Month. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **Hill Stations excluding Kashmir.** | | | | | | | | | | | | | | | | | | | | | |
| Shillong | 4,921 | 849·5 | +0·1 | 846·9 | 69·2 | —0·7 | 80 | VII, VIII, IX | 53·4 | —0·2 | 33 | II | 62·5 | 63·4 | 57·4 | 59·2 | 14·7 | +0·2 | 16·0 | 72 | |
| Cherrapunji | 4,309 | 868·7 | +0·4 | 866·1 | 68·6 | —0·3 | 79 | V, VIII, IX | 56·7 | —0·9 | 40 | XII | 63·3 | 63·4 | 59·5 | 60·6 | 16·3 | +0·2 | 17·3 | 80 | + |
| Aijal | 3,599 | 890·2 | .. | 887·9 | 74·5 | .. | 83 | III, IV, V | 59·5 | .. | 44 | XII | 66·1 | 68·2 | 62·7 | 64·7 | 18·6 | .. | 20·0 | 83 | . |
| Darjiling | 7,432 | 775·4 | —0·3 | 773·1 | 60·2 | +1·6 | 73 | IX | 48·1 | +0·3 | 31 | II, XII | 53·1 | 53·3 | 51·0 | 51·7 | 12·5 | +0·3 | 12·9 | 87 | + |
| Kalimpong | 3,965 | 878·6 | —0·2 | 876·0 | 70·4 | +0·4 | 83 | V | 58·3 | 0 | 42 | II, XII | 61·5 | 65·4 | 59·3 | 62·1 | 17·1 | +0·4 | 18·4 | 87 | + |
| Katmandu | 4,388 | 866·3 | .. | 863·1 | 77·0 | 0 | 93 | IV, VI | 53·7 | +0·1 | 30 | XII | 59·7 | 70·2 | 56·6 | 62·0 | 15·7 | +1·0 | 16·6 | 83 | + |
| Muktesar | 7,592 | 770·8 | —1·0 | 769·4 | 63·8 | +0·8 | 84 | VI | 48·9 | +0·6 | 25 | II | 52·7 | 58·5 | 46·1 | 50·9 | 9·0 | 0 | 10·7 | 62 | + |
| Mussooree | 6,699 | 795·8 | .. | 794·3 | 64·0 | +0·5 | 86 | VI | 51·6 | +1·1 | 29 | II | 56·8 | 58·0 | 49·4 | 54·0 | 10·2 | 0 | 11·4 | 61 | — |
| Simla | 7 224 | 780·6 | —0·2 | 780·0 | 62·5 | +0·1 | 84 | VI | 49·8 | +0·4 | 24 | II | 54·8 | 58·8 | 46·1 | 50·2 | 8·3 | —0·1 | 9·9 | 54 | + |
| Abu | 3,945 | 880·5 | +1·1 | 879·8 | 77·9 | +2·1 | 98 | IV, V | 61·7 | +0·2 | 39 | I, II | 65·8 | 72·6 | 57·4 | 61·1 | 13·2 | +1·0 | 13·5 | 61 | + |
| Pachmarhi | 3,528 | 892·1 | —1·0 | 889·2 | 79·2 | —0·9 | 103 | V | 62·5 | +1·7 | 37 | II | 67·8 | 88·2 | 60·9 | 64·5 | 15·9 | +0·6 | 15·9 | 72 | + |
| Mahabaleshwar | 4,534 | 862·1 | —0·4 | 860·5 | 75·3 | +0·8 | 94 | IV, V | 61·3 | +0·3 | 47 | II | 63·5 | 70·7 | 58·3 | 63·6 | 14·8 | +1·0 | 17·4 | 75 | + |
| Mercara | 3,781 | 885·2 | —0·5 | 882·9 | 72·8 | —3·3 | 86 | III, IV | 62·0 | +0·7 | 51 | X, XII | 64·9 | 72·7 | 63·0 | 66·2 | 19·1 | +0·8 | 19·8 | 90 | + |
| Ootacamund | 7,364 | 780·2 | +0·3 | 778·6 | 67·5 | +1·5 | 79 | IV | 48·9 | —0·1 | 34 | III, XII | 53·2 | 61·7 | 50·8 | 56·3 | 11·9 | +0·8 | 13·7 | 85 | + |
| Coonoor | 5,730 | 826·9 | .. | .. | 69·9 | —0·7 | 79 | IV, V | .. | .. | 40 | XII | 63·4 | .. | 57·6 | .. | 14·3 | +0·9 | .. | 72 | + |
| Kodaikanal | 7,688 | 771·4 | +0·6 | 769·9 | 64·4 | +0·6 | 74 | V | 51·2 | +0·5 | 41 | II, III | 55·3 | 58·4 | 51·1 | 51·1 | 11·4 | +0·6 | 13·7 | 77 | + |
| **Ceylon.** | | | | | | | | | | | | | | | | | | | | | |
| Colombo | 24 | 1010·1 | +0·6 | 1007·3 | 86·6 | —0·2 | 92 | III | 75·1 | 0 | 69 | II, III | 77·9 | 83·0 | 74·9 | 76·8 | 28·3 | +0·1 | 28·6 | 87 | — |
| Trincomalee | 24 | 1009·3 | +0·1 | 1006·0 | 88·9 | +0·1 | 98 | 5 months | 77·2 | +0·9 | 71 | II, X, XII | 80·2 | 84·4 | 75·8 | 77·0 | 28·3 | +0·6 | 28·4 | 80 | — |
| Hambantota | 61 | 1007·8 | —0·6 | 1004·9 | 86·3 | 0 | 94 | VIII | 75·4 | +0·5 | 69 | XII | 78·2 | 83·0 | 75·3 | 77·5 | 28·6 | +1·1 | 29·8 | 87 | — |
| Mannar | 12 | 1010·0 | .. | 1006·9 | 87·2 | .. | 95 | III | 77·5 | .. | 70 | II, IV | 80·1 | 83·8 | 76·3 | 77·3 | 29·2 | .. | 29·1 | 83 | . |

## ınd 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for the year 1948.

| Cloud amount (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days (0-10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds during the year from :— 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | Station. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Hill Stations excluding Kashmir. |
| 5·7 | +0·9 | 7·9 | 121·33 | +36·69 | 5·98 | VI | 158 | +3·61 | 3·4 | +1·0 | 8 | 11 | 19 | 24 | 20 | 82 | 10 | 12 | 180 | 18 | 15 | 7 | 13 | 21 | 84 | 9 | 29 | 17 | Shillong. |
| 5·9 | +0·2 | 6·2 | 559·49 | +134·26 | 17·26 | VI | 180 | +21·0 | .. | .. | 5 | 93 | 51 | 31 | 56 | 68 | 28 | 6 | 28 | 9 | 37 | 16 | 13 | 38 | 131 | 35 | 9 | 78 | Cherrapunji. |
| 5·0 | .. | 5·5 | 101·29 | .. | 2·77 | VI | 143 | .. | 5·0 | .. | 2 | 7 | 184 | 26 | 17 | 70 | 26 | 4 | 30 | 4 | 3 | 24 | 10 | 9 | 115 | 120 | 58 | 23 | Aijal. |
| 6·9 | +0·9 | 7·4 | 103·00 | —23·42 | 5·71 | VII | 139 | +15·7 | 5·2 | +1·6 | 1 | 10 | 193 | 32 | 3 | 9 | 64 | 5 | 48* | 1 | 3 | 71 | 26 | 9 | 25 | 179 | 4 | 46‡ | Darjiling. |
| 6·1 | +1·3 | 6·5 | 92·54 | +6·34 | 2·99 | V | 122 | +18·1 | 5·9 | —0·6 | 9 | 0 | 1 | 23 | 2 | 0 | 13 | 176 | 142 | 2 | 0 | 3 | 264 | 41 | 0 | 1 | 11 | 44 | Kalimpong. |
| 5·9 | —0·3 | 5·4 | 69·72 | +13·93 | 3·22 | VIII | 117 | +18·5 | 0·8 | —0·3 | 1 | 10 | 29 | 14 | 6 | 1 | 0 | 0 | 305 | 64 | 9 | 11 | 6 | 14 | 11 | 10 | 24 | 217 | Katmandu. |
| 3·5 | —0·6 | 4·3 | 29·47 | —24·08 | 8·02 | VIII | 83 | +1·5 | 7·2 | +1·6 | 6 | 62 | 67 | 15 | 8 | 36 | 89 | 41 | 42 | 5 | 12 | 21 | 10 | 7 | 106 | 174 | 20 | 11 | Muktesar. |
| 4·1 | —0·4 | 5·7 | 84·89 | —2·71 | 4·02 | VIII | 95 | —2·8 | 2·9 | —1·7 | 66 | 74 | 18 | 47 | 42 | 14 | 4 | 6 | 95 | 22 | 25 | 14 | 70 | 153 | 10 | 4 | 4 | 14† | Mussooree. |
| 3·6 | —0·6 | 8·4 | 52·30 | —8·74 | 3·10 | VIII | 86 | —2·4 | 1·5 | —1·7 | 41 | 43 | 17 | 44 | 45 | 9 | 6 | 10 | 151 | 30 | 15 | 13 | 34 | 75 | 75 | 17 | 27 | 78† | Simla. |
| 2·3 | —1·2 | 2·1 | 43·75 | —17·81 | 8·10 | VII | 41 | —12·5 | 4·8 | —0·6 | 12 | 38 | 6 | 7 | 9 | 55 | 28 | 25 | 186 | 29 | 28 | 4 | 11 | 6 | 62 | 19 | 21 | 186 | Abu. |
| 4·5 | +0·4 | 5·4 | 103·07 | +23·46 | 6·87 | VIII | 101 | +22·1 | 2·7 | —1·4 | 13 | 15 | 14 | 10 | 23 | 34 | 85 | 37 | 135 | 35 | 42 | 9 | 6 | 12 | 23 | 118 | 71 | 50 | Pachmarhi. |
| 5·0 | +0·4 | 5·5 | 219·00 | —42·23 | 8·89 | VIII | 134 | +13·8 | 5·0 | —3·1 | 22 | 47 | 47 | 30 | 4 | 92 | 22 | 28 | 74 | 19 | 18 | 18 | 4 | 8 | 107 | 43 | 60 | 89 | Mahabaleshwar. |
| 6·0 | —0·3 | 6·3 | 143·46 | +16·03 | 5·42 | VIII | 142 | +10·2 | 6·9 | +2·4 | 13 | 64 | 59 | 1 | 2 | 19 | 90 | 78 | 40 | 14 | 64 | 60 | 1 | 3 | 23 | 108 | 88 | 5 | Mercara. |
| 4·9 | —0·4 | 6·5 | 49·93 | —4·96 | 2·88 | XI | 99 | —7·2 | 3·9 | +0·3 | 6 | 42 | 40 | 7 | 5 | 32 | 51 | 9 | 174 | 53 | 57 | 59 | 13 | 15 | 26 | 68 | 13 | 62 | Ootacamund. |
| .. | .. | .. | 80·51 | +21·00 | 6·42 | XI | 90 | +4·7 | .. | .. | 33 | 10 | 22 | 56 | 32 | 11 | 12 | 26 | 148† | .. | .. | .. | .. | .. | .. | .. | .. | .. | Coonoor |
| 5·2 | +0·4 | 7·6 | 73·84 | +7·36 | 7·76 | XI | 105 | —2·1 | 9·3 | +1·2 | 31 | 62 | 41 | 54 | 17 | 7 | 67 | 61 | 26 | 28 | 53 | 20 | 78 | 30 | 5 | 51 | 73 | 28 | Kodaikanal. |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ceylon. |
| 6·6 | +0·2 | 7·3 | 73·73 | —14·80 | 3·66 | XII | 111 | —4·3 | .. | .. | 16 | 53 | 60 | 61 | 13 | 64 | 58 | 4 | 37 | 23 | 15 | 2 | 9 | 17 | 125 | 117 | 54 | 4 | Colombo. |
| 5·9 | +1·1 | 6·2 | 53·59 | —8·33 | 3·56 | XII | 69 | —3·9 | .. | .. | 26 | 43 | 21 | 13 | 31 | 180 | 22 | 10 | 20 | 61 | 73 | 79 | 27 | 7 | 97 | 12 | 4 | 6 | Trincomalee. |
| 7·3 | +2·7 | 8·0 | 44·18 | +1·97 | 3·20 | XI | 49 | —22·7 | .. | .. | 134 | 6 | 1 | 0 | 2 | 167 | 33 | 19 | 4 | 32 | 35 | 49 | 13 | 36 | 185 | 12 | 1 | 3 | Hambantota. |
| 5·9 | .. | 6·4 | 37·19 | .. | 4·62 | XI | 52 | .. | .. | .. | 23 | 54 | 43 | 22 | 113 | 92 | 2 | 4 | 3 | 59 | 69 | 10 | 2 | 75 | 126 | 17 | 6 | 2 | Mannar. |

*Total for 365 days. †Total for 350 days. ‡Total for 364 days.

## Table III.—Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) and

| STATION AND MONTH. | Height of bar. cistern above mean sea level in feet. | Pressure at Station level, millibars. | | | Maximum temperature, °F. | | | | Minimum temperature, °F. | | | | Dry bulb temperature, °F. | | Wet bulb temperature, °F. | | Vapour pressure millibars. | | | Relative humidity % | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean. | Departure from normal. | Highest | Date. | Mean. | Departure from normal. | Lowest. | Date. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| **SEYCHELLES.** (*Indian Ocean.*) (10 and 16 hrs. L.M.T.) | 15 | | | | | | | | | | | | | | | | | | | | |
| January | .. | 1,011·9 | —0·3 | 1,008·7 | 82·9 | —0·2 | 86 | 29,30 | 74·5 | —1·5 | 71 | 5 | 80·3 | 81·3 | 75·7 | 76·1 | 28·3 | —0·4 | 28·4 | 80 | 0 |
| February | .. | 1,012·5 | +0·4 | 1,009·4 | 84·7 | +0·8 | 88 | 21 | 75·4 | —1·3 | 72 | 22 | 82·2 | 83·2 | 76·2 | 76·4 | 28·1 | —0·6 | 28·0 | 75 | —3 |
| March | .. | 1,011·6 | —0·1 | 1,008·6 | 85·5 | +0·5 | 87 | 7 days | 74·5 | —2·7 | 71 | 10, 11 | 82·9 | 82·8 | 76·7 | 76·8 | 28·6 | —0·5 | 28·8 | 74 | —2 |
| April | .. | 1,011·6 | +0·2 | 1,008·6 | 87·0 | +1·0 | 89 | 9, 19, 25 | 75·4 | —1·8 | 72 | 3 | 84·3 | 85·0 | 77·5 | 77·6 | 29·1 | —0·5 | 29·0 | 72 | —4 |
| May | .. | 1,012·3 | +0·5 | 1,008·9 | 85·7 | +0·6 | 87 | 4 days | 75·4 | —2·1 | 69 | 25, 26 | 83·3 | 85·0 | 76·4 | 76·6 | 27·9 | —1·1 | 27·5 | 72 | —4 |
| June | .. | 1,012·7 | +0·1 | 1,010·0 | 83·4 | +0·8 | 86 | 3 | 75·8 | —0·6 | 73 | 15, 16 | 81·4 | 82·1 | 75·3 | 75·2 | 27·2 | +0·3 | 26·7 | 73 | —3 |
| July | .. | 1,012·6 | —0·8 | 1,010·1 | 81·9 | +0·8 | 84 | 3 | 73·9 | —1·3 | 70 | 11 | 79·3 | 80·2 | 73·2 | 73·9 | 25·2 | —0·3 | 25·8 | 73 | —3 |
| August | .. | 1,012·9 | —0·6 | 1,010·3 | 81·6 | +0·7 | 85 | 28 | 74·2 | —1·0 | 71 | 28 | 79·5 | 80·1 | 73·6 | 73·9 | 25·6 | +0·1 | 25·8 | 70 | —5 |
| September | .. | 1,012·9 | —0·8 | 1,009·8 | 83·4 | +1·5 | 85 | 28 | 74·3 | —1·1 | 72 | 28, 29 | 80·9 | 82·0 | 75·0 | 75·5 | 27·0 | +0·5 | 27·2 | 76 | —0 |
| October | .. | 1,013·1 | —0·2 | 1,010·1 | 83·0 | +0·1 | 85 | 8, 29 | 74·2 | —1·4 | 71 | 14 | 80·7 | 81·1 | 75·3 | 75·4 | 27·5 | +0·2 | 27·5 | 77 | +1 |
| November | .. | 1,013·2 | +0·7 | 1,009·9 | 84·1 | +0·4 | 87 | 29,30 | 72·8 | —2·4 | 69 | 2 | 80·9 | 82·2 | 74·4 | 74·9 | 26·1 | —1·9 | 26.3 | 73 | —4 |
| December | .. | 1,011·3 | —0·8 | 1,008·2 | 84·7 | +1·3 | 83 | 16 | 74·3 | —1·1 | 70 | 22 | 82·1 | 82·5 | 76·0 | 76·0 | 27·9 | —0·4 | 27·7 | 75 | —4 |
| Year | .. | 1,012·4 | —0·1 | 1,009·4 | 84·0 | +0·7 | 89 | IV | 74·6 | —1·6 | 69 | V, XI | 81·5 | 82·3 | 75·4 | 75·7 | 27·4 | —0·4 | 27·4 | 74 | —2 |
| **MINICOY.** (*Arabian Sea.*) | 6 | | | | | | | | | | | | | | | | | | | | |
| January | .. | 1,011·6 | —0·9 | 1,009·0 | 86·1 | +1·0 | 91 | 19 | 74·5 | +1·5 | 67 | 29 | 79·4 | 82·8 | 74·7 | 76·1 | 27·2 | —2·1 | 27·7 | 79 | +2 |
| February | .. | 1,012·6 | +0·1 | 1,009·8 | 85·9 | +0·5 | 90 | 3 | 74·0 | —0·7 | 69 | 22 | 79·4 | 83·5 | 74·6 | 76·0 | 27·1 | —2·7 | 27·2 | 79 | +2 |
| March | .. | 1,010·9 | —0·7 | 1,008·2 | 87·9 | +1·6 | 89 | 6 days | 76·2 | —0·7 | 70 | 4 | 81·5 | 85·4 | 76·3 | 77·7 | 28·6 | —3·6 | 28·9 | 78 | +3 |
| April | .. | 1,009·7 | —0·5 | 1,007·2 | 89·0 | +1·5 | 91 | 27 | 78·9 | —0·7 | 74 | 2 | 83·8 | 86·3 | 77·8 | 78·4 | 29·8 | —2·5 | 30·2 | 75 | 0 |
| May | .. | 1,009·0 | —0·6 | 1,006·7 | 88·0 | —0·3 | 90 | 6 days | 79·3 | +0·1 | 75 | 27 | 83·3 | 84·8 | 78·4 | 78·6 | 31·0 | —2·6 | 30·6 | 80 | +1 |
| June | .. | 1,008·7 | —0·5 | 1,006·8 | 86·2 | +0·2 | 89 | 5 | 78·0 | +0·7 | 75 | 5 days | 82·5 | 83·6 | 78·0 | 78·4 | 30·7 | —2·6 | 30·9 | 81 | —3 |
| July | .. | 1,008·5 | —1·2 | 1,006·6 | 85·3 | +0·3 | 87 | 6 days | 78·1 | +1·2 | 74 | 15 | 81·7 | 83·0 | 77·1 | 77·8 | 29·7 | —1·4 | 30·2 | 81 | —1 |
| August | .. | 1,009·3 | —1·2 | 1,007·2 | 85·6 | +0·9 | 87 | 14, 24 | 78·5 | +1·4 | 74 | 5, 15 | 81·4 | 83·4 | 76·6 | 77·6 | 29·1 | —2·3 | 29·7 | 80 | —2 |
| September | .. | 1,010·5 | —0·4 | 1,007·9 | 85·8 | +0·8 | 87 | 21, 25 | 78·6 | +1·5 | 74 | 14 | 81·8 | 83·2 | 76·3 | 76·9 | 28·5 | —3·3 | 28·7 | 77 | —5 |
| October | .. | 1,011·1 | —0·1 | 1,008·3 | 4·4 | —0·9 | 87 | 1, 3,20 | 76·1 | +0·2 | 71 | 24, 28 | 80·6 | 82·1 | 76·4 | 76·8 | 29·2 | —1·9 | 29·1 | 83 | +3 |
| November | .. | 1,011·2 | —0·2 | 1,008·8 | 6·3 | +1·2 | 89 | 19 | 74·3 | 0 | 71 | 11 | 81·1 | 82·8 | 76·6 | 77·0 | 29·2 | —2·2 | 29·1 | 81 | 0 |
| December | .. | 1,011·0 | —1·0 | 1,008·4 | 86·0 | +0·6 | 88 | 2, 19 | 75·9 | +1·9 | 70 | 25 | 80·1 | 82·9 | 75·6 | 76·0 | 27·4 | —2·4 | 27·5 | 78 | +10 |
| Year | .. | 1,010·3 | —0·6 | 1 007·9 | 86·4 | +0·6 | 91 | I, IV | 76·9 | +0·6 | 67 | I | 81·4 | 83·7 | 76·5 | 77·3 | 29·0 | —2·3 | 29·1 | 79 | 0 |

## 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1948.

| Cloud amount (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of winds from :— 8 hrs. I.S.T. | | | | | | | | | 17 hrs. I.S.T. | | | | | | | | | STATION AND MONTH. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the month or year. | Departure from normal. | Heaviest fall in 24 hrs. | Date. | Total in the month or year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | S. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | SEYCHELLES. (*Indian Ocean.*) (10 and 16 hrs. L. M. T.) |
| 8·1 | +1·4 | 8·4 | 18·13 | +2·13 | 4·92 | 16 | 17 | +1·9 | 5·1 | .. | 3 | 1 | 0 | 0 | 2 | 0 | 4 | 15 | 6 | 3 | 3 | 0 | 0 | 1 | 0 | 5 | 16 | 3 | January |
| 6·9 | +0·5 | 6·4 | 4·00 | —7·71 | 1·34 | 1 | 10 | —0·1 | 5·2 | .. | 1 | 3 | 5 | 4 | 0 | 0 | 1 | 11 | 4 | 3 | 2 | 6 | 2 | 0 | 0 | 3 | 9 | 4 | February |
| 6·6 | +1·0 | 7·0 | 13·79 | +3·95 | 2·70 | 29 | 18 | +6·9 | 4·4 | .. | 3 | 3 | 4 | 3 | 0 | 0 | 4 | 8 | 6 | 7 | 3 | 1 | 1 | 0 | 2 | 3 | 10 | 4 | March |
| 5·3 | 0 | 6·0 | 4·45 | —3·27 | 1·01 | 30 | 11 | +0·7 | 3·2 | .. | 2 | 4 | 5 | 8 | 3 | 1 | 1 | 1 | 5 | 0 | 2 | 9 | 4 | 4 | 2 | 1 | 5 | 3 | April |
| 5·2 | 0 | 4·8 | 2·97 | —3·51 | 1·76 | 10 | 5 | —4·5 | 5·2 | .. | 0 | 1 | 11 | 12 | 2 | 1 | 0 | 0 | 4 | 0 | 0 | 8 | 11 | 7 | 2 | 0 | 1 | 2 | May |
| 7·6 | +1·7 | 8·1 | 1·66 | —2·84 | 0·44 | 15 | 4 | —4·4 | 10·8 | .. | 0 | 0 | 4 | 19 | 5 | 1 | 0 | 0 | 1 | 0 | 0 | 6 | 17 | 5 | 1 | 0 | 0 | 1 | June |
| 7·7 | +1·8 | 7·9 | 2·24 | —0·84 | 1·51 | 11 | 3 | —4·5 | 11·1 | .. | 0 | 0 | 9 | 17 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 13 | 8 | 2 | 0 | 0 | 1 | July |
| 7·9 | +1·8 | 8·0 | 1·65 | —0·56 | 0·32 | 18 | 8 | +2·1 | 12·0 | .. | 0 | 0 | 4 | 14 | 11 | 1 | 0 | 0 | 1 | 0 | 0 | 4 | 14 | 12 | 1 | 0 | 0 | 0 | August |
| 7·4 | +1·5 | 7·1 | 4·20 | —1·18 | 1·18 | 5 | 9 | +1·4 | 9·1 | .. | 0 | 1 | 11 | 16 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 11 | 14 | 4 | 0 | 0 | 0 | 1 | September |
| 6·6 | +1· | 6·6 | 9·20 | +3·45 | 2·40 | 17 | 11 | +3·1 | 7·3 | .. | 1 | 1 | 8 | 12 | 3 | 1 | 0 | 0 | 5 | 1 | 3 | 7 | 10 | 2 | 1 | 0 | 3 | 4 | October |
| 5·7 | —0·3 | 6·0 | 6·50 | —2·96 | 2·25 | 2 | 6 | —5·9 | 3·6 | .. | 3 | 4 | 9 | 6 | 2 | 2 | 0 | 0 | 4 | 4 | 5 | 4 | 1 | 8 | 1 | 2 | 3 | 2 | November |
| 6·2 | —0·1 | 7·0 | 9·21 | —4·41 | 2·09 | 20 | 11 | —4·3 | 4·9 | .. | 1 | 0 | 10 | 4 | 0 | 0 | 5 | 8 | 3 | 3 | 0 | 7 | 6 | 0 | 0 | 4 | 10 | 1 | December |
| 6·7 | +0·8 | 6·9 | 78·00 | —17·75 | 4·92 | I | 113 | —7·6 | 6·8 | .. | 14 | 18 | 80 | 115 | 34 | 7 | 15 | 43 | 40 | 21 | 18 | 70 | 93 | 51 | 12 | 18 | 57 | 26 | Year |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | MINICOY. (*Arabian Sea.*) |
| 5·5 | +1·9 | 6·2 | 4·39 | +2·56 | 2·06 | 24 | 3 | +0·4 | 4·2 | —0·1 | 7 | 8 | 9 | 2 | 0 | 0 | 0 | 0 | 5 | 9 | 10 | 9 | 0 | 1 | 0 | 0 | 1 | 1 | January |
| 4·3 | +0·8 | 5·8 | 0·44 | —0·27 | 0·17 | 22 | 2 | +0·8 | 3·9 | —0·7 | 5 | 11 | 4 | 1 | 0 | 0 | 0 | 0 | 8 | 17 | 7 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | February |
| 4·7 | +1·2 | 5·4 | 0·01 | —0·87 | 0·01 | 27 | 0 | —1·5 | 3·8 | —0·6 | 8 | 2 | 0 | 1 | 1 | 0 | 1 | 7 | 11 | 12 | 3 | 4 | 2 | 1 | 0 | 0 | 9 | 0 | March |
| 6·1 | +1·8 | 6·5 | 0·80 | —1·50 | 0·35 | 29 | 3 | —0·5 | 4·3 | —1·5 | 6 | 2 | 0 | 1 | 0 | 1 | 4 | 9 | 7 | 4 | 0 | 0 | 1 | 1 | 1 | 3 | 17 | 3 | April |
| 7·5 | +2·1 | 8·1 | 5·29 | —1·71 | 1·75 | 27 | 10 | +1·3 | 6·6 | —0·9 | 2 | 0 | 0 | 0 | 0 | 3 | 11 | 13 | 2 | 2 | 0 | 0 | 0 | 0 | 2 | 8 | 19 | 0 | May |
| 9·3 | +2·3 | 9·0 | 11·67 | +0·07 | 3·03 | 15 | 19 | +2·0 | 11·9 | +0·1 | 0 | 1 | 0 | 0 | 0 | 1 | 25 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 0 | June |
| 8·3 | +1·7 | 8·8 | 5·14 | —3·72 | 1·28 | 12 | 12 | —1·7 | 10·9 | —0·8 | 1 | 0 | 0 | 0 | 0 | 0 | 26 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 24 | 6 | 0 | July |
| 8·6 | +2·7 | 8·2 | 2·22 | —5·58 | 0·57 | 5 | 8 | —3·8 | 10·3 | +0·3 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 | 15 | 0 | August |
| 6·3 | +1·1 | 7·1 | 1·16 | —5·14 | 0·45 | 15 | 4 | —6·1 | 7·5 | —1·3 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 19 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 7 | 21 | 1 | September |
| 7·5 | +2·2 | 7·0 | 12·46 | +5·18 | 2·88 | 21 | 13 | +2·4 | 6·4 | —0·2 | 8 | 1 | 1 | 0 | 2 | 1 | 3 | 14 | 1 | 4 | 1 | 2 | 1 | 1 | 1 | 4 | 16 | 1 | October |
| 6·0 | +1·0 | 7·0 | 5·47 | —0·01 | 2·60 | 20 | 9 | +1·3 | 4·7 | —0·3 | 3 | 1 | 2 | 1 | 4 | 0 | 4 | 7 | 8 | 4 | 1 | 3 | 0 | 3 | 1 | 4 | 6 | 8 | November |
| 6·4 | +2·3 | 7·6 | 2·08 | —1·29 | 0·65 | 30 | 4 | —0·3 | 4·5 | +0·2 | 7 | 13 | 2 | 1 | 0 | 2 | 0 | 1 | 5 | 6 | 15 | 6 | 1 | 0 | 0 | 0 | 2 | 1 | December |
| 6·7 | +1·8 | 7·2 | 51·14 | —12·28 | 3·03 | VI | 87 | —5·7 | 6·6 | —0·5 | 48 | 39 | 18 | 7 | 7 | 8 | 98 | 91 | 50 | 60 | 37 | 27 | 5 | 8 | 5 | 90 | 119 | 15 | Year |

# Table III—.Abstract of Observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T.) an

| STATION AND MONTH. | Height of bar. cistern above mean sea level in fee. | Pressure at Station level, millibars. | | | Maximum temperature, °F. | | | | Minimum temperature, °F. | | | | Dry bulb temperature, °F. | | Wet bulb temperature, °F. | | Vapour pressure, millibars. | | | Relative humidity % | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I.S.T. | Mean. | Departure from normal. | Highest. | Date. | Mean. | Departure from normal. | Lowest. | Date. | Mean 8 hrs. I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs .I. S. T. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 2 |
| AMINI DIVI. (*Arabian Sea.*) | 13 | | | | | | | | | | | | | | | | | | | | | |
| January | .. | 1,011·7 | .. | .. | 89·3 | +2·3 | 91 | 9,22,31 | 77·0 | +2·7 | 71 | 1, 15 | 80·6 | .. | 75·3 | .. | 27·6 | +1·7 | .. | 77 | +1 | |
| February | .. | 1,012·6 | .. | .. | 90·6 | +2·6 | 95 | 21 | 77·2 | +1·1 | 73 | 8 | 80·8 | .. | 74·9 | .. | 26·9 | +0·6 | .. | 75 | —1 | |
| March | .. | 1,010·9 | .. | .. | 92·3 | +3·5 | 97 | 11, 13 | 79·3 | +1·6 | 76 | 1, 4 | 83·4 | .. | 77·5 | .. | 29·6 | +1·6 | .. | 75 | —1 | |
| April | .. | 1.009·4 | .. | .. | 93·3 | +1·8 | 98 | 6, 20 | 81·0 | +0·9 | 75 | 18 | 85·8 | .. | 78·4 | .. | 29·9 | +0·3 | .. | 71 | —3 | |
| May | .. | 1,008·5 | .. | .. | 90·3 | —0·9 | 95 | 26 | 82·0 | +0·9 | 75 | 4, 30 | 85·3 | .. | 79·1 | .. | 31·2 | +0·6 | .. | 75 | —1 | |
| June | .. | 1,006·9 | .. | .. | 87·2 | +0·2 | 96 | 3 | 78·8 | +0·7 | 72 | 19 | 87·2 | .. | 78·8 | .. | 32·5 | +1·3 | .. | 83 | —2 | |
| July | .. | 1,007·1 | .. | .. | 85·4 | 0 | 87 | 8 days | 78·5 | +1·0 | 75 | 4 days | 82·4 | .. | 78·1 | .. | 30·9 | +0·3 | .. | 81 | —5 | |
| August | .. | 1,007·5 | .. | .. | 84·6 | —0·7 | 86 | 7 days | 77·7 | +0·2 | 73 | 6 | 81·1 | .. | 77·1 | .. | 30·0 | —0·2 | .. | 83 | —3 | |
| September | .. | 1,009·6 | .. | .. | 85·9 | +0·2 | 89 | 13 | 78·5 | +1·1 | 76 | 4 days | 81·5 | .. | 76·8 | .. | 29·3 | —0·1 | .. | 80 | —4 | |
| October | .. | 1,010·7 | .. | .. | 86·6 | +0·3 | 93 | 26 | 77·0 | 0 | 73 | 15 | 80·7 | .. | 77·1 | .. | 30·1 | +1·0 | .. | 83 | +1 | |
| November | .. | 1,011·0 | .. | .. | 88·7 | +1·8 | 93 | 28 | 77·7 | +2·0 | 74 | 27 | 82·1 | .. | 77·3 | .. | 29·8 | +1·9 | .. | 80 | +2 | |
| December | .. | 1,011·2 | .. | .. | 88·9 | +1·8 | 92 | 6 | 75·5 | +1·3 | 71 | 15 | 80·6 | .. | 75·3 | .. | 27·6 | +1·6 | .. | 75 | +3 | |
| Year | .. | 1,009·6 | .. | .. | 88·6 | +1·0 | 98 | IV | 78·3 | +1·1 | 71 | I, XII | 82·6 | .. | 77·1 | .. | 29·6 | +0·8 | .. | 78 | —1 | |
| LHASA*. (*Tibet.*) | 12090 | | | | | | | | | | | | | | | | | | | | | |
| January | .. | 609·7 | .. | .. | 26·8 | .. | 55 | 22 | 17·0 | .. | 11 | 17 | 26·8 | .. | 24·6 | .. | 3·7 | .. | .. | 77 | .. | |
| February | .. | 626·4 | .. | .. | 45·7 | .. | 61 | 22 | 20·6 | .. | 8 | 17 | 29·7 | .. | 27·2 | .. | 4·0 | .. | .. | 76 | .. | |
| March | .. | 628·0 | .. | .. | 52·2 | .. | 65 | 11 | 27·9 | .. | 14 | 17 | 37·5 | .. | 34·7 | .. | 5·8 | .. | .. | 79 | .. | |
| April | .. | 629·9 | .. | .. | 61·9 | .. | 75 | 30 | 33·7 | .. | 26 | 9 | 47·8 | .. | 45·3 | .. | 9·6 | .. | .. | 84 | .. | |
| May | .. | 628·5 | .. | .. | 66·8 | .. | 78 | 17 | 41·8 | .. | 34 | 4 | 53·2 | .. | 50·9 | .. | 12·0 | .. | .. | 87 | .. | |
| June | .. | 627·2 | .. | .. | 76·5 | .. | 82 | 9 | 49·5 | .. | 43 | 12 | 61·8 | .. | 59·3 | .. | 4·8 | .. | .. | 88 | .. | |
| July | .. | 629·0 | .. | .. | 72·9 | .. | 79 | 23 | 49·7 | .. | 45 | 4 days | 58·7 | .. | 56·2 | .. | 14·6 | .. | .. | 87 | .. | |
| August | .. | 629·9 | .. | .. | 72·2 | .. | 79 | 5 | 48·7 | .. | 42 | 19 | 55·9 | .. | 53·5 | .. | 13·0 | .. | .. | 87 | .. | |
| September | .. | 631·1 | .. | .. | 69·9 | .. | 76 | 1,3 | 47·3 | .. | 41 | 30 | 54·8 | .. | 52·0 | .. | 12·6 | .. | .. | 84 | .. | |
| October | .. | 632·2 | .. | .. | 59·2 | .. | 71 | 1 | 34·4 | .. | 25 | 28 | 45·6 | .. | 42·2 | .. | 7·9 | .. | .. | 82 | .. | |
| November | .. | 629·7 | .. | .. | 58·0 | .. | 69 | 7, 11 | 26·0 | .. | 17 | 26 | 40·9 | .. | 38·3 | .. | 7·1 | .. | .. | 81 | .. | |
| December | .. | 628·0 | .. | .. | 43·1 | .. | 51 | 23 | 16·2 | .. | 8 | 15 | 27·6 | .. | 24·9 | .. | 3·7 | .. | .. | 73 | .. | |
| Year | .. | 627·5 | .. | .. | 58·8 | .. | 82 | VI | 34·4 | .. | 8 | II, XII | 45·0 | .. | 42·4 | .. | 11·6 | .. | .. | 82 | .. | |

* Aneroid barometer in use.

## 17 hrs. I. S. T. (11-30 hrs. G. M. T.) for each month and the year 1948.

| Cloud amount (tenths of sky). | | | Rainfall, inches. | | | | Number of rainy days (0·10" or more). | | Wind velocity, miles per hour. | | Wind direction—Number of wind from :— 8 hrs. I. S. T. | | | | | | | | | 17 hrs. I. S. T. | | | | | | | | | STATION AND MONTH. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mean 8 hrs. I. S. T. | Departure from normal. | Mean 17 hrs. I. S. T. | Total of the month or year. | Departure from normal. | Heaviest fall in 24 hrs. | Date. | Total in the month or year. | Departure from normal. | Mean. | Departure from normal. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | N. | NE. | E. | SE. | S. | SW. | W. | NW. | Calm. | |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | AMINI DIVI. (*Arabian Sea.*) |
| 3·9 | +0·3 | .. | 1·12 | +0·46 | 0·40 | 25 | 5 | +3·9 | 4·7 | +0·9 | 14 | 6 | 2 | 0 | 0 | 0 | 0 | 7 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | January |
| 2·7 | —0·7 | .. | 0 | —0·07 | 0 | .. | 0 | —0·3 | 4·6 | —0·3 | 15 | 5 | 0 | 0 | 0 | 0 | 0 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | February |
| 3·0 | —0·1 | .. | 0 | —0·16 | 0 | .. | 0 | —0·2 | 5·7 | +0·6 | 5 | 6 | 0 | 0 | 0 | 0 | 4 | 14 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | March |
| 4·3 | 0 | .. | 0·55 | —0·60 | 0·50 | 18 | 1 | —0·6 | 5·6 | —0·1 | 6 | 2 | 0 | 1 | 0 | 0 | 8 | 13 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | April |
| 6·6 | +0·8 | .. | 4·23 | —0·22 | 1·15 | 30 | 8 | +3·2 | 8·9 | +1·3 | 0 | 0 | 2 | 0 | 0 | 2 | 10 | 16 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | May |
| 9·0 | +1·1 | .. | 10·26 | —4·25 | 3·08 | 10 | 17 | +0·2 | 15·0 | +2·7 | 1 | 1 | 0 | 0 | 0 | 7 | 15 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | June |
| 8·7 | +1·0 | .. | 6·26 | —5·55 | 1·15 | 6 | 16 | +0·3 | 17·5 | +3·5 | 0 | 0 | 0 | 0 | 0 | 4 | 26 | 1 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | July |
| 7·2 | +0·1 | .. | 7·59 | —0·17 | 2·60 | 6 | 14 | +2·7 | 17·0 | +3·9 | 1 | 0 | 0 | 0 | 0 | 6 | 20 | 4 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | August |
| 5·4 | —0·9 | .. | 1·95 | —4·01 | 0·34 | 21 | 8 | —2·1 | 12·6 | +2·3 | 1 | 0 | 0 | 0 | 0 | 3 | 14 | 12 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. | September |
| 7·5 | +1·4 | .. | 15·61 | +9·87 | 5·13 | 20 | 19 | +10·4 | 7·1 | +0·9 | 8 | 3 | 1 | 4 | 0 | 0 | 3 | 9 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | October |
| 5·8 | +0·9 | .. | 3·87 | +0·85 | 1·95 | 20 | 6 | +1·1 | 4·4 | +0·8 | 5 | 6 | 2 | 2 | 0 | 5 | 4 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | November |
| 3·9 | +0·2 | .. | 0·61 | —0·88 | 0·41 | 1 | 2 | 0 | 3·5 | +0·3 | 14 | 7 | 2 | 0 | 0 | 0 | 0 | 2 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | December |
| 5·7 | +0·4 | .. | 52·05 | —4·73 | 5·13 | X | 96 | +18·6 | 8·9 | +1·4 | 70 | 36 | 9 | 7 | 0 | 24 | 105 | 93 | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Year |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | LHASA.* (*Tibet.*) |
| 1·7 | .. | .. | 0 | .. | 0 | .. | 0 | .. | 1·5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | January |
| 1·9 | .. | .. | 0 | .. | 0 | .. | 0 | .. | 1·0 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | February |
| 4·3 | .. | .. | 0·41 | .. | 0·36 | 20 | 1 | .. | 3·4 | .. | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | March |
| 2·1 | .. | .. | 0·08 | .. | 0·08 | 3 | 0 | .. | 2·6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | April |
| 5·0 | .. | .. | 2·77 | .. | 0·76 | 1 | 8 | .. | 2·6 | .. | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | May |
| 4·8 | .. | .. | 1·21 | .. | 0·43 | 30 | 5 | .. | 1·6 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | June |
| 6·2 | .. | .. | 5·36 | .. | 1·02 | 27 | 13 | .. | 0·9 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | July |
| 6·9 | .. | .. | 5·06 | .. | 0·68 | 23 | 12 | .. | 0·8 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | August |
| 5·9 | .. | .. | 3·90 | .. | 0·87 | 4 | 10 | .. | 0·7 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | September |
| 4·0 | .. | .. | 0·72 | .. | 0·22 | 4 | 4 | .. | 1·3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | October |
| 0·7 | .. | .. | 0·02 | .. | 0·02 | 30 | 0 | .. | 1·3 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | November |
| 1·2 | .. | .. | 0 | .. | 0 | .. | 0 | .. | 1·5 | .. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | December |
| 3·7 | .. | .. | 19·53 | .. | 1·02 | VII | 53 | .. | 1·5 | .. | 0 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 361 | .. | .. | .. | .. | .. | .. | .. | .. | .. | Year |

## Table IV.—Abstract of observations recorded at 8 hrs. I. S. T. (2-30 hrs. G. M. T. at 4th Class Stations for the year 1948.

| Station. | Maximum temperature, °F. | | | | Minimum temperature, °F. | | | | Mean dry bulb temperature 8 hrs. I.S.T. °F. | Mean wet bulb temperature 8 hrs. I.S.T. °F. | Vapour, pressure, millibars. | | Relative Humidity % | | Mean cloud amount 8 hrs. I. S. T. | Rainfall, inches. | | | | Number of rainy days (0·10" or more). | | Wind. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean. | Departure from normal. | Highest during the year. | Month. | Mean. | Departure from normal. | Lowest during the year. | Month. | | | Mean 8 hrs. I. S. T. | Departure from normal. | Mean 8 hrs. I. S. T. | Departure from normal. | | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | Resultant direction 8 hrs. I. S. T. | Velocity in miles per hour |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| Assam— | | | | | | | | | | | | | | | | | | | | | | | |
| Lumding | 86·5 | +2·0 | 98 | IV | .. | .. | 42 | II | 77·0 | 0·3 | 22·8 | —0·5 | 70 | —16 | .. | 62·08 | +10·81 | 2·78 | VIII | 85 | +2·9 | .. | .. |
| Kashmir— | | | | | | | | | | | | | | | | | | | | | | | |
| Jammu | 86·1 | +1·2 | 113 | VI | 66·2 | +0·2 | 42 | II | 70· | 61·4 | 15·9 | +0·4 | 62 | +1 | 4·0 | 77·35 | +35·25 | 5·72 | VIII | 58 | +76 | .. | .. |
| Kargil* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Mysore— | | | | | | | | | | | | | | | | | | | | | | | |
| Balehonnur | 80·0 | —0·1 | 91 | III, IV | 63·8 | +0·5 | 52 | XII | 67·6 | 65·9 | 21·2 | +1·1 | 92 | +3 | .. | 119·96 | +17·06 | 5·67 | VIII | 128 | +6·5 | .. | . |
| Tibet— | | | | | | | | | | | | | | | | | | | | | | | |
| Yatung (Chumbi). | 56·7 | +0·5 | 71 | VII | 34·2 | —15 | 11 | II,XII | 40·9 | 39·9 | 9·0 | +0·3 | 93 | +6 | 5·7 | 33·11 | —4·97 | 108 | XI | 92 | —55 | .. | . |

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

## Table V.—Abstract of observations recorded at 8 hrs. I. S. T. ( 2-30 hrs. G. M. T.) at 5th Class Stations for the year 1948.

| Division. | Station. | Rainfall, inches. | | | | Number of rainy days (0·10" or more). | | Division. | Station. | Rainfall, inches. | | | | Number of rainy days. (0·10" or mor | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Total in the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. | | | Total of the year. | Departure from normal. | Heaviest fall during the year in 24 hours. | Month. | Total in the year. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Assam | Mawsynram | 596·19 | .. | 21·30 | VII | 152 | .. | East Punjab | Dharampore | 52·71 | —2·25 | 3·10 | VII | 80 | +8 |
| | | | | | | | | | Kyelang | 32·79 | +10·73 | 2·25 | III | 65 | +1 |
| West Bengal | Bankura | 61·71‡ | .. | .. | .. | .. | .. | | Dalhousie | 110·34 | +25·61 | 3·90 | VIII | 100 | +4 |
| | Cooch Behar | 150·03 | +4·96 | 8·00 | VI | 103 | —8·8 | Kashmir | Sonamarg* | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | Gurez* | .. | .. | .. | .. | .. | .. |
| Bihar | Muzaffarpur | 57·07 | +8·63 | 4·50 | VIII | 60 | +3·8 | Bombay, Deccan | Khandala † | .. | .. | .. | .. | .. | .. |
| | Chapra | 52·89 | +10·29 | 8·07 | VIII | 57 | +4·2 | Madras, Southeast | Palamcottah | 31·38 | +2·00 | 2·54 | X | 45 | +4 |
| | Arrah | 52·79 | +6·49 | 3·47 | IX | 61 | +4·7 | Sikkim | Lachung | 68·93 | +4·58 | 2·10 | IV | 156 | —5 |

* Data not available.

† Data not available for complete year hence no annual totals.

‡ Total for 365 days.

# Table VI. Abstract of observations recorded at 12-30 hrs. I.S.T. (7 hrs.G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1948.

| Station, height of barometer, cistern above mean sea level in feet and month. | Pressure at Station level, millibars. | | | Temperature of air °F. | | | Wet bulb temperature °F. | | | Vapour pressure, millibars. | | | Relative humidity %. | | | Cloud amount. | Wind direction at 12-30 hrs. (I.S.T.) Number of winds from | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | N | NE | E | SE | S | SW | W | NW | Calm |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| CALCUTTA. (21) | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1,014·7 | 1,014·9 | +0·3 | 78·6 | 69·5 | +4·2 | 65·4 | 63·1 | +4·3 | 15·5 | 16·0 | +1·9 | 47 | 64 | —5 | 3·0 | 6 | 1 | 1 | 1 | 3 | 1 | 1 | 9 | 8 |
| February | 1,012·8 | 1,012·7 | +0·1 | 82·4 | 73·8 | +3·5 | 68·1 | 66·3 | +4·3 | 17·4 | 17·7 | +1·9 | 46 | 61 | —3 | 3·2 | 2 | 1 | 1 | 1 | 1 | 7 | 5 | 7 | 4 |
| March | 1,009·8 | 1,009·7 | +0·6 | 90·5 | 80·7 | +1·4 | 71·5 | 70·3 | +0·2 | 18·0 | 19·2 | —2·0 | 37 | 51 | —14 | 2·4 | 3 | 3 | 2 | 1 | 2 | 8 | 5 | 5 | 2 |
| April | 1,005·7 | 1,005·4 | —0·2 | 94·0 | 86·3 | +1·2 | 80·5 | 79·2 | +2·9 | 29·2 | 29·7 | +3·1 | 54 | 65 | —3 | 3·3 | 0 | 0 | 0 | 3 | 13 | 14 | 0 | 0 | 0 |
| May | 1,001·4 | 1,001·0 | —1·6 | 91·9 | 86·2 | +0·6 | 82·3 | 81·4 | +2·8 | 33·4 | 33·2 | +4·1 | 65 | 72 | —0 | 6·1 | 0 | 0 | 1 | 2 | 16 | 11 | 0 | 1 | 0 |
| June | 997·7 | 997·5 | —1·2 | 91·2 | 87·3 | +2·7 | 82·9 | 82·1 | +2·2 | 34·7 | 34·6 | +2·3 | 71 | 77 | —3 | 6·7 | 0 | 0 | 1 | 4 | 10 | 11 | 0 | 0 | 4 |
| July | 998·2 | 998·0 | —0·5 | 88·6 | 84·8 | +1·7 | 81·9 | 81·0 | +1·2 | 34·2 | 34·0 | +1·5 | 75 | 81 | —4 | 8·6 | 0 | 1 | 2 | 6 | 8 | 10 | 0 | 0 | 4 |
| August | 999·0 | 998·8 | —1·4 | 87·4 | 84·3 | +1·6 | 81·4 | 80·7 | +1·1 | 34·0 | 34·0 | +1·5 | 77 | 84 | —2 | 8·9 | 0 | 1 | 5 | 8 | 7 | 4 | 0 | 0 | 6 |
| September | 1,002·4 | 1,002·5 | —1·1 | 87·4 | 84·3 | +1·2 | 80·9 | 80·2 | +1·1 | 33·1 | 33·3 | +1·4 | 75 | 83 | —1 | 8·2 | 0 | 0 | 9 | 7 | 4 | 5 | 0 | 0 | 5 |
| October | 1,008·3 | 1,008·7 | +0·1 | 87·4 | 82·1 | +1·7 | 77·4 | 76·8 | +1·7 | 27·7 | 28·8 | +1·9 | 63 | 76 | —4 | 6·0 | 3 | 2 | 1 | 2 | 3 | 3 | 3 | 5 | 9 |
| November | 1,012·9 | 1,013·4 | +0·6 | 82·4 | 76·9 | +4·2 | 72·8 | 71·3 | +5·3 | 23·4 | 23·5 | +4·6 | 63 | 74 | +2 | 6·1 | 3 | 6 | 4 | 3 | 3 | 1 | 0 | 1 | 9 |
| December | 1,014·0 | 1,014·5 | —0·5 | 77·2 | 67·7 | +2·1 | 63·9 | 62·2 | +4·0 | 14·4 | 15·4 | +1·1 | 45 | 62 | —7 | 1·9 | 12 | 4 | 0 | 0 | 0 | 2 | 2 | 7 | 4 |
| *Year* | 1,006·4 | 1,006·4 | —0·5 | 86·6 | 80·3 | +2·2 | 75·7 | 74·5 | +2·5 | 26·3 | 26·6 | +1·9 | 60 | 71 | —4 | 5·4 | 29 | 18 | 27 | 38 | 71 | 77 | 16 | 35 | 55 |
| NEW DELHI (714). | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 992·4 | 991·4 | .. | 65·5 | 57·4 | .. | 56·5 | 52·0 | .. | 11·2 | 11·1 | .. | 51 | 70 | .. | 3·8 | 0 | 1 | 4 | 5 | 2 | 1 | 6 | 10 | 2 |
| February | 990·2 | 989·0 | .. | 69·9 | 61·7 | .. | 57·2 | 53·6 | .. | 10·4 | 11·0 | .. | 43 | 59 | .. | 5·0 | 3 | 1 | 1 | 5 | 1 | 1 | 4 | 11 | 2 |
| March | 987·9 | 986·4 | .. | 76·0 | 68·9 | .. | 61·4 | 57·9 | .. | 7·6 | 10·5 | .. | 34 | 51 | .. | 3·6 | 6 | 0 | 3 | 2 | 3 | 0 | 4 | 12 | 1 |
| April | 981·6 | 980·2 | .. | 97·4 | 85·8 | .. | 67·2 | 63·5 | .. | 9·1 | 7·9 | .. | 15 | 26 | .. | 1·5 | 6 | 2 | 0 | 1 | 1 | 2 | 6 | 11 | 1 |
| May | 975·7 | 974·5 | .. | 103·9 | 93·3 | .. | 71·0 | 67·9 | .. | 11·3 | 11·5 | .. | 15 | 25 | .. | 0·5 | 6 | 2 | 0 | 4 | 0 | 1 | 3 | 13 | 2 |
| June | 973·2 | 972·1 | .. | 102·8 | 94·2 | .. | 74·9 | 72·6 | .. | 17·0 | 22·6 | .. | 24 | 35 | .. | 4·4 | 3 | 1 | 4 | 2 | 3 | 1 | 2 | 13 | 1 |
| July | 972·9 | 971·8 | .. | 92·2 | 87·4 | .. | 79·6 | 78·6 | .. | 28·4 | 29·4 | .. | 58 | 69 | .. | 7·1 | 1 | 4 | 10 | 3 | 1 | 2 | 5 | 3 | 2 |
| August | 975·3 | 974·2 | .. | 85·7 | 82·8 | .. | 79·3 | 78·3 | .. | 31·5 | 31·9 | .. | 76 | 86 | .. | 8·9 | 1 | 5 | 8 | 1 | 0 | 4 | 4 | 4 | 4 |
| September | 979·9 | 978·7 | .. | 89·6 | 83·9 | .. | 77·7 | 75·5 | .. | 27·1 | 26·3 | .. | 58 | 71 | .. | 3·9 | 1 | 5 | 5 | 2 | 0 | 0 | 6 | 6 | 5 |
| October | 985·7 | 984·8 | .. | 88·6 | 79·0 | .. | 71·9 | 68·2 | .. | 19·4 | 19·3 | .. | 42 | 60 | .. | 2·6 | 3 | 1 | 6 | 5 | 3 | 0 | 0 | 8 | 5 |
| November | 990·7 | 990·0 | .. | 78·4 | 64·7 | .. | 59·1 | 53·8 | .. | 8·5 | 9·5 | .. | 27 | 48 | .. | 0·6 | 7 | 0 | 0 | 6 | 3 | 0 | 2 | 8 | 4 |
| December | 991·7 | 990·9 | .. | 70·2 | 57·6 | .. | 56·2 | 50·6 | .. | 9·0 | 7·2 | .. | 37 | 59 | .. | 2·4 | 3 | 1 | 4 | 4 | 1 | 3 | 4 | 9 | 2 |
| *Year* | 983·1 | 982·0 | .. | 85·0 | 76·4 | .. | 67·7 | 64·4 | .. | 15·9 | 16·5 | .. | 40 | 55 | .. | 3·7 | 40 | 23 | 45 | 40 | 18 | 15 | 46 | 108 | 31 |
| SRINAGAR (5,205). | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 848·7 | 844·8 | —0·5 | 31·8 | 27·2 | —3·5 | 30·7 | 26·9 | .. | 5·3 | 4·5 | .. | 87 | 94 | .. | 9·5 | 0 | 0 | 0 | 14 | 6 | 0 | 1 | 1 | 9 |
| February | 844·8 | 843·9 | +0·4 | 35·6 | 31·2 | —1·8 | 33·8 | 30·5 | .. | 5·0 | 5·0 | .. | 85 | 93 | .. | 5·4 | 1 | 0 | 1 | 7 | 4 | 0 | 2 | 5 | 9 |
| March | 843·4 | 842·6 | +0·2 | 47·9 | 42·6 | —2·8 | 43·1 | 39·4 | .. | 7·9 | 7·5 | .. | 70 | 80 | .. | 6·6 | 0 | 2 | 0 | 5 | 2 | 0 | 8 | 8 | 6 |
| April | 843·5 | 842·3 | +0·6 | 61·2 | 55·8 | 0 | 53·8 | 50·5 | .. | 11·6 | 11·5 | .. | 64 | 76 | .. | 6·2 | 6 | 1 | 1 | 1 | 2 | 1 | 6 | 9 | 3 |
| May | 839·0 | 838·4 | —0·8 | 72·2 | 64·0 | —0·1 | 60·1 | 56·4 | .. | 13·3 | 13·1 | .. | 51 | 63 | .. | 3·2 | 4 | 2 | 2 | 2 | 3 | 0 | 2 | 9 | 7 |
| June | 837·3 | 836·6 | +1·4 | 71·5 | 64·8 | —5·8 | 61·0 | 58·4 | .. | 15·4 | 15·0 | .. | 61 | 70 | .. | 4·6 | 1 | 1 | 0 | 5 | 1 | 2 | 6 | 9 | 5 |
| July | 833·8 | 833·0 | 0 | 77·5 | 71·5 | —2·0 | 67·7 | 65·0 | .. | 19·6 | 19·2 | .. | 61 | 71 | .. | 4·8 | 3 | 1 | 2 | 11 | 2 | 1 | 2 | 3 | 6 |
| August | 834·2 | 833·3 | —1·0 | 78·5 | 72·4 | +1·0 | 69·8 | 67·2 | .. | 21·8 | 21·5 | .. | 66 | 76 | .. | 6·2 | 2 | 1 | 0 | 5 | 2 | 0 | 3 | 7 | 11 |
| September | 839·1 | 838·2 | —0·7 | 76·2 | 66·8 | +1·3 | 64·5 | 59·9 | .. | 16·5 | 15·4 | .. | 53 | 67 | .. | 1·7 | 3 | 0 | 1 | 7 | 1 | 1 | 2 | 5 | 10 |
| October | 843·2 | 842·6 | —0·8 | 69·6 | 58·2 | +3·5 | 56·9 | 51·1 | .. | 11·6 | 11·0 | .. | 46 | 67 | .. | 1·8 | 4 | 2 | 1 | 1 | 0 | 1 | 7 | 5 | 10 |
| November | 845·7 | 845·1 | —0·3 | 55·1 | 42·5 | —2·6 | 45·2 | 37·6 | . | 8·8 | 6·6 | .. | 46 | 68 | .. | 2·5 | 7 | 4 | 0 | 1 | 2 | 1 | 1 | 6 | 8 |
| December | 845·9 | 845·0 | —1·3 | 40·9 | 35·7 | —0·7 | 37·9 | 34·5 | .. | 6·7 | 6·3 | .. | 78 | 88 | .. | 7·9 | 4 | 1 | 0 | 3 | 0 | 1 | 4 | 10 | 8 |
| *Year* | 841·5 | 840·5 | —0·3 | 59·9 | 52·7 | —1·2 | 52·0 | 48·1 | .. | 11·8 | .. | .. | 64 | 76 | .. | 5·0 | 35 | 15 | 8 | 62 | 25 | 8 | 44 | 77 | 92 |

# Table VI. Abstract of Observations recorded at 12·30 hrs. I.S.T. (7 hrs. G.M.T.) and corrected daily mean at 13 First Class Stations in India during each month and the year 1948.

| Station, height of barometer cistern above mean sea level in feet and month. | Pressure at Station level, millibars. | | | Temperature of air °F. | | | Wet bulb temperature °F | | | Vapour pressure, millibars. | | | Relative humidity % | | Cloud amount. | | Wind direction at 12-30 hrs.(I. S. T.) Number of winds from | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | N | NE | E | SE | S | SW | W | NW | cal |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| **JODHPUR (736)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 991·7 | 990·5 | .. | 69·5 | 61·1 | .. | 56·9 | 52·1 | .. | 10·5 | 9·8 | .. | 43 | 57 | .. | 3·1 | 3 | 14 | 4 | 2 | 1 | 1 | 2 | 0 | 4 |
| February | 989·8 | 989·1 | .. | 73·5 | 65·7 | .. | 58·9 | 54·9 | .. | 10·6 | 10·2 | .. | 38 | 50 | .. | 3·2 | 2 | 9 | 1 | 0 | 3 | 3 | 2 | 2 | 7 |
| March | 986·0 | 985·1 | .. | 87·9 | 77·2 | .. | 64·8 | 60·2 | .. | 11·3 | 10·6 | .. | 23 | 33 | .. | 2·4 | 1 | 5 | 0 | 2 | 2 | 7 | 3 | 4 | 7 |
| April | 982·8 | 981·2 | .. | 98·7 | 86·9 | .. | 74·4 | 70·3 | .. | 18·4 | 17·5 | .. | 29 | 38 | .. | 1·1 | 0 | 3 | 2 | 0 | 2 | 9 | 7 | 2 | 8 |
| May | 977·4 | 976·1 | .. | 103·0 | 95·1 | .. | 78·0 | 74·3 | .. | 21·9 | 20·1 | .. | 30 | 38 | .. | 0 | 1 | 0 | 0 | 0 | 0 | 19 | 9 | 1 | 1 |
| June | 975·0 | 973·9 | .. | 98·9 | 94·1 | .. | 79·3 | 77·7 | .. | 25·3 | 25·1 | .. | 40 | 50 | .. | 2·7 | 0 | 0 | 0 | 0 | 0 | 17 | 6 | 0 | 7 |
| July | 973·2 | 972·1 | .. | 92·1 | 89·0 | .. | 78·7 | 77·2 | .. | 26·2 | 26·7 | .. | 55 | 63 | .. | 5·8 | 0 | 0 | 0 | 0 | 1 | 16 | 7 | 2 | 5 |
| August | 975·5 | 974·4 | .. | 86·4 | 82·1 | .. | 78·1 | 77·1 | .. | 29·2 | 29·3 | .. | 66 | 76 | .. | 6·9 | 0 | 0 | 0 | 0 | 0 | 13 | 5 | 1 | 12 |
| September | 980·4 | 979·3 | .. | 90·3 | 84·6 | .. | 75·1 | 72·7 | .. | 23·1 | 22·5 | .. | 49 | 60 | .. | 3·3 | 2 | 2 | 1 | 0 | 0 | 14 | 5 | 2 | 4 |
| October | 985·3 | 984·4 | .. | 93·2 | 83·2 | .. | 71·3 | 66·8 | .. | 16·6 | 15·4 | .. | 31 | 43 | .. | 1·2 | 4 | 3 | 0 | 1 | 3 | 7 | 4 | 4 | 5 |
| November | 989·7 | 988·9 | .. | 82·9 | 71·8 | .. | 60·8 | 54·6 | .. | 8·4 | 7·6 | .. | 22 | 32 | .. | 0·8 | 2 | 12 | 4 | 3 | 2 | 3 | 0 | 0 | 4 |
| December | 990·9 | 989·8 | .. | 76·1 | 65·3 | .. | 58·2 | 52·3 | .. | 8·2 | 7·9 | .. | 29 | 41 | .. | 1·2 | 0 | 11 | 2 | 4 | 0 | 3 | 2 | 0 | 9 |
| *Year* | 983·1 | 982·1 | .. | 87·7 | 79·7 | .. | 69·5 | 65·9 | .. | 17·5 | 16·9 | .. | 38 | 48 | .. | 2·6 | 15 | 59 | 14 | 12 | 14 | 112 | 52 | 18 | 70 |
| **JAIPUR (1431)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 967·0 | 966·5 | +0·1 | 67·1 | 58·1 | —0·9 | 55·4 | 51·3 | .. | 9·8 | 10·1 | .. | 44 | 64 | .. | 3·9 | 3 | 2 | 7 | 2 | 2 | 4 | 3 | 4 | 4 |
| February | 965·6 | 964·5 | —0·4 | 72·4 | 61·8 | —1·1 | 56·1 | 52·1 | .. | 8·7 | 9·2 | .. | 32 | 50 | .. | 3·7 | 3 | 1 | 1 | 4 | 3 | 5 | 8 | 4 | 0 |
| March | 963·5 | 962·1 | +0·2 | 82·7 | 73·3 | —0·1 | 59·9 | 36·2 | .. | 7·5 | 8·0 | .. | 20 | 33 | .. | 2·9 | 4 | 1 | 3 | 4 | 5 | 4 | 4 | 4 | 2 |
| April | 959·1 | 958·0 | —0·3 | 98·1 | 86·4 | +1·6 | 66·4 | 63·0 | .. | 7·9 | 8·5 | .. | 13 | 24 | .. | 1·9 | 4 | 0 | 0 | 0 | 1 | 1 | 8 | 15 | 1 |
| May | 953·6 | 952·5 | —2·4 | 105·7 | 93·9 | +3·6 | 69·6 | 66·6 | .. | 8·5 | 9·3 | .. | 11 | 20 | .. | 0 | 5 | 0 | 0 | 0 | 0 | 1 | 11 | 14 | 0 |
| June | 951·3 | 950·5 | —0·6 | 101·4 | 93·1 | +3·5 | 74·8 | 72·7 | .. | 17·4 | 18·1 | .. | 26 | 37 | .. | 3·7 | 6 | 0 | 1 | 0 | 0 | 2 | 4 | 14 | 3 |
| July | 949·9 | 949·1 | —1·4 | 92·0 | 86·3 | +2·0 | 77·2 | 75·7 | .. | 25·2 | 25·7 | .. | 52 | 66 | .. | 7·3 | 2 | 1 | 1 | 1 | 3 | 0 | 9 | 10 | 4 |
| August | 951·9 | 951·1 | —1·6 | 85·5 | 80·9 | —1·1 | 77·7 | 76·1 | .. | 28·9 | 28·4 | .. | 70 | 79 | .. | 9·0 | 5 | 2 | 1 | 1 | 3 | 3 | 7 | 8 | 1 |
| September | 956·6 | 955·7 | —1·2 | 89·9 | 81·6 | —0·1 | 74·9 | 72·5 | .. | 22·7 | 23·5 | .. | 48 | 66 | .. | 3·4 | 10 | 0 | 2 | 3 | 1 | 0 | 1 | 12 | 1 |
| October | 961·8 | 961·1 | —1·1 | 90·5 | 79·6 | +2·4 | 69·7 | 66·0 | .. | 15·5 | 16·4 | .. | 32 | 49 | .. | 2·3 | 6 | 2 | 1 | 1 | 2 | 4 | 3 | 10 | 2 |
| November | 966·3 | 965·6 | 0 | 79·0 | 66·9 | —1·1 | 59·5 | 55·0 | .. | 8·7 | 9·6 | .. | 27 | 46 | .. | 1·5 | 2 | 1 | 9 | 2 | 6 | 4 | 2 | 2 | 2 |
| December | 967·0 | 966·2 | .. | 74·0 | 61·3 | .. | 56·1 | 50·6 | .. | 7·4 | 7·8 | .. | 25 | 46 | .. | 1·0 | 3 | 0 | 1 | 2 | 6 | 8 | 6 | 3 | 2 |
| *Year* | 959·5 | 958·6 | —0·8 | 86·5 | 76·9 | +0·8 | 66·4 | 63·1 | .. | 14·0 | 14·5 | .. | 33 | 48 | .. | 3·4 | 53 | 10 | 27 | 20 | 32 | 36 | 66 | 100 | 22 |
| **BARODA (115)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1011·0 | 1010·1 | .. | 80·1 | 73·1 | .. | 65·3 | 61·8 | .. | 14·7 | 14·0 | .. | 43 | 55 | .. | 3·6 | 5 | 11 | 2 | 4 | 1 | 1 | 1 | 0 | 6 |
| February | 1010·4 | 1009·4 | .. | 84·1 | 77·1 | .. | 64·4 | 61·1 | .. | 12·1 | 11·5 | .. | 30 | 41 | .. | 1·9 | 3 | 6 | 4 | 1 | 1 | 1 | 4 | 3 | 6 |
| March | 1007·7 | 1006·6 | .. | 93·8 | 87·3 | .. | 68·3 | 66·1 | .. | 12·1 | 12·5 | .. | 23 | 33 | .. | 0·8 | 4 | 3 | 4 | 2 | 3 | 5 | 3 | 4 | 3 |
| April | 1004·5 | 1003·5 | .. | 100·1 | 94·6 | .. | 71·9 | 71·0 | .. | 14·0 | 15·3 | .. | 21 | 32 | .. | 0·2 | 5 | 3 | 1 | 0 | 0 | 4 | 7 | 3 | 7 |
| May | 1001·4 | 100·6 | .. | 99·5 | 95·9 | .. | 77·1 | 77·7 | .. | 21·7 | 24·2 | .. | 30 | 46 | .. | 0·7 | 0 | 0 | 0 | 0 | 0 | 10 | 13 | 3 | 5 |
| June | 998·2 | 997·4 | .. | 96·1 | 93·5 | .. | 79·6 | 80·7 | .. | 27·1 | 30·0 | .. | 47 | 54 | .. | 5·8 | 0 | 0 | 1 | 0 | 1 | 7 | 13 | 4 | 4 |
| July | 997·0 | 996·2 | .. | 89·5 | 87·5 | .. | 79·1 | 78·8 | .. | 29·2 | 29·7 | .. | 63 | 69 | .. | 8·1 | 0 | 0 | 0 | 0 | 1 | 10 | 15 | 2 | 3 |
| August | 998·5 | 997·6 | .. | 86·7 | 84·8 | .. | 78·7 | 78·1 | .. | 29·9 | 29·9 | .. | 69 | 74 | .. | 8·2 | 1 | 0 | 0 | 0 | 1 | 7 | 12 | 6 | 4 |
| September | 1002·5 | 1001·7 | .. | 88·6 | 85·6 | .. | 77·3 | 76·7 | .. | 26·8 | 27·3 | .. | 60 | 67 | .. | 7·0 | 2 | 1 | 1 | 0 | 2 | 4 | 7 | 6 | 7 |
| October | 1006·6 | 1006·1 | .. | 94·2 | 89·2 | .. | 76·8 | 75·7 | .. | 23·6 | 24·3 | .. | 43 | 54 | .. | 1·8 | 2 | 2 | 1 | 0 | 1 | 3 | 4 | 3 | 15 |
| November | 1008·7 | 1008·3 | .. | 88·3 | 81·8 | .. | 71·1 | 68·4 | .. | 18·4 | 17·9 | .. | 42 | 52 | .. | 2·0 | 4 | 9 | 6 | 2 | 2 | 1 | 0 | 1 | 5 |
| December | 1010·9 | 1010·3 | .. | 84·6 | 74·9 | .. | 65·1 | 61·0 | .. | 12·5 | 12·6 | .. | 31 | 49 | .. | 0·4 | 1 | 4 | 3 | 2 | 2 | 0 | 1 | 3 | 15 |
| *Year* | 1004·8 | 1004·0 | .. | 90·5 | 85·4 | .. | 72·9 | 71·4 | .. | 20·2 | 20·8 | .. | 42 | 52 | .. | 3·4 | 27 | 39 | 23 | 11 | 15 | 53 | 80 | 38 | 80 |

# Table VI. Abstract of observations recorded at 12-30 hrs. I.S.T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1948.

| Station, height of barometer, cistern above mean sea level in feet and month. | Pressure at Station level, millibars. | | | Temperature of air °F. | | | Wet bulb temperature °F. | | | Vapour pressure, millibars. | | | Relative humidity %. | | | Cloud amount. | Wind direction at 12-30 hrs (I.S.T.) Number of winds from | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | N | NE | E | SE | S | SW | W | NW | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| **BOMBAY (35)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1012·3 | 1011·5 | +1·3 | 78·7 | 76·1 | +0·9 | 69·5 | 68·8 | +2·3 | 20·5 | 20·7 | +2·2 | 62 | 68 | +4 | 3·1 | 3 | 4 | 2 | 2 | 2 | 2 | 0 | 14 | 2 |
| February | 101 | 1011·5 | +2·1 | 80·7 | 77·8 | +2·2 | 70·0 | 69·5 | +2·2 | 20·2 | 20·8 | +1·7 | 57 | 65 | 0 | 0·6 | 5 | 1 | 1 | 0 | 1 | 0 | 2 | 18 | 1 |
| March | 1010·3 | 1009·2 | +1·8 | 86·3 | 82·9 | +2·5 | 75·1 | 74·1 | +1·6 | 24·7 | 24·9 | +1·4 | 58 | 66 | —2 | 0·6 | 1 | 0 | 0 | 0 | 0 | 3 | 9 | 17 | 1 |
| April | 1008·4 | 1007·3 | +1·9 | 89·2 | 86·5 | +2·1 | 78·9 | 78·0 | +2·1 | 29·0 | 28·9 | +2·5 | 62 | 70 | +1 | 0·8 | 1 | 0 | 0 | 0 | 0 | 4 | 15 | 10 | 0 |
| May | 1006·8 | 1005·9 | +1·9 | 90·6 | 88·6 | +1·9 | 79·7 | 79·2 | +1·2 | 29·7 | 29·8 | +1·4 | 60 | 65 | —2 | 3·7 | 1 | 0 | 0 | 0 | 0 | 6 | 19 | 5 | 0 |
| June | 1003·0 | 1002·2 | +1·6 | 87·5 | 85·8 | +1·6 | 80·4 | 79·9 | +1·4 | 32·1 | 32·2 | +1·6 | 73 | 77 | +1 | 5·8 | 1 | 1 | 0 | 1 | 5 | 8 | 11 | 3 | 0 |
| July | 1002·5 | 1001·8 | +1·2 | 83·5 | 82·5 | +1·1 | 79·3 | 78·7 | +1·0 | 32·3 | 31·8 | +1·4 | 83 | 84 | +1 | 8·6 | 0 | 0 | 0 | 0 | 1 | 7 | 18 | 3 | 2 |
| August | 1003·6 | 1002·8 | +0·3 | 83·8 | 82·1 | +0·8 | 78·8 | 77·9 | +1·1 | 31·4 | 30·7 | +1·6 | 80 | 83 | +2 | 8·6 | 0 | 0 | 0 | 1 | 0 | 8 | 20 | 2 | 0 |
| September | 1006·5 | 1005·8 | +1·3 | 83·3 | 81·2 | —0·2 | 77·8 | 77·0 | +0·3 | 30·0 | 29·7 | +0·7 | 77 | 82 | +2 | 7·3 | 2 | 0 | 0 | 1 | 5 | 7 | 12 | 3 | 0 |
| October | 1009·7 | 1009·2 | +2·9 | 86·7 | 83·9 | +0·4 | 79·4 | 78·4 | +1·7 | 31·0 | 30·8 | +2·3 | 71 | 78 | +7 | 3·3 | 4 | 0 | 1 | 0 | 0 | 4 | 5 | 15 | 2 |
| November | 1009·9 | 1009·4 | +1·2 | 86·3 | 83·2 | +2·5 | 76·9 | 76·1 | +3·6 | 27·7 | 27·6 | +4·1 | 64 | 71 | +6 | 4·2 | 3 | 1 | 5 | 2 | 2 | 3 | 4 | 7 | 3 |
| December | 1012·4 | 1011·4 | +1·9 | 82·6 | 79·3 | +1·5 | 69·7 | 69·3 | +0·6 | 18·9 | 19·9 | +0·4 | 50 | 59 | —3 | 1·2 | 1 | 9 | 17 | 2 | 0 | 0 | 0 | 2 | 0 |
| *Year* | 1008·1 | 1007·3 | +1·6 | 84·9 | 82·5 | +1·5 | 76·3 | 75·6 | +1·5 | 27·3 | 27·3 | +1·6 | 66 | 72 | +2 | 4·0 | 22 | 16 | 26 | 9 | 16 | 52 | 115 | 99 | 11 |
| **POONA (1834)** | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 950·9 | 950·2 | —0·3 | 80·5 | 74·8 | +5·5 | 65·1 | 67·3 | .. | 14·9 | 18·9 | .. | 43 | 57 | .. | 4·1 | 0 | 2 | 10 | 4 | 3 | 0 | 2 | 1 | 9 |
| February | 950·7 | 950·0 | +0·5 | 84·7 | 77·5 | +4·1 | 62·2 | 60·7 | .. | 10·0 | 11·6 | .. | 24 | 41 | .. | 0·4 | 2 | 2 | 7 | 1 | 1 | 1 | 5 | 3 | 7 |
| March | 949·0 | 948·2 | +0·3 | 93·1 | 85·2 | +5·4 | 64·1 | 62·3 | .. | 8·7 | 10·0 | .. | 16 | 29 | .. | 0·4 | 1 | 5 | 10 | 0 | 2 | 2 | 1 | 2 | 8 |
| April | 946·9 | 946·1 | +0·1 | 97·1 | 90·6 | +6·7 | 67·5 | 63·4 | .. | 11·0 | 10·8 | .. | 18 | 30 | .. | 1·4 | 1 | 0 | 7 | 1 | 0 | 1 | 6 | 8 | 0 |
| May | 945·0 | 944·5 | —0·2 | 95·5 | 90·1 | +6·2 | 72·1 | 72·1 | .. | 17·4 | 19·6 | .. | 31 | 43 | .. | 1·5 | 0 | 1 | 0 | 0 | 0 | 1 | 20 | 9 | 0 |
| June | 942·3 | 941·4 | —0·7 | 86·9 | 83·0 | +3·9 | 74·4 | 73·5 | .. | 24·0 | 24·3 | .. | 56 | 65 | .. | 7·2 | 0 | 0 | 3 | 0 | 0 | 0 | 21 | 5 | 1 |
| July | 942·0 | 941·4 | —0·5 | 80·9 | 78·1 | +2·7 | 73·4 | 74·5 | .. | 25·0 | 24·7 | .. | 70 | 77 | .. | 8·8 | 0 | 0 | 0 | 0 | 0 | 2 | 28 | 1 | 0 |
| August | 942·7 | 942·1 | —1·2 | 80·4 | 77·2 | +3·0 | 73·3 | 72·3 | .. | 25·2 | 25·0 | .. | 71 | 78 | .. | 8·6 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 4 | 1 |
| September | 945·3 | 944·8 | —0·7 | 80·7 | 77·5 | +2·8 | 71·8 | 70·9 | .. | 23·2 | 23·2 | .. | 64 | 72 | .. | 7·9 | 1 | 0 | 0 | 0 | 0 | 1 | 18 | 3 | 7 |
| October | 948·6 | 948·5 | +0·7 | 86·0 | 80·9 | +4·6 | 72·7 | 71·7 | .. | 22·0 | 22·8 | .. | 52 | 66 | .. | 4·9 | 0 | 4 | 11 | 0 | 0 | 1 | 2 | 1 | 12 |
| November | 949·5 | 949·1 | —0·6 | 81·3 | 77·2 | +5·1 | 71·8 | 70·5 | .. | 22·8 | 22·8 | .. | 64 | 73 | .. | 6·7 | 0 | 1 | 14 | 3 | 0 | 2 | 0 | 0 | 10 |
| December | 951·4 | 950·9 | —0·2 | 78·3 | 71·1 | +2·7 | 62·3 | 59·6 | .. | 12·7 | 13·0 | .. | 38 | 55 | .. | 1·9 | 0 | 5 | 17 | 4 | 0 | 1 | 0 | 0 | 4 |
| *Year* | 947·0 | 946·4 | —0·4 | 85·5 | 80·3 | +4·4 | 69·2 | 68·2 | .. | 18·1 | 18·9 | .. | 46 | 57 | .. | 4·5 | 5 | 20 | 79 | 13 | 6 | 13 | 128 | 37 | 65 |
| **HYDERABAD.** | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Begumpet (1,778)* | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 953·4 | 953·0 | .. | 80·6 | 75·0 | .. | 67·1 | 65·5 | .. | 17·2 | 17·6 | .. | 48 | 62 | .. | 3·2 | 0 | 2 | 7 | 19 | 0 | 1 | 0 | 0 | 2 |
| February | 952·3 | 951·8 | .. | 87·1 | 81·6 | .. | 67·2 | 64·2 | .. | 14·9 | 15·4 | .. | 34 | 44 | .. | 1·3 | 1 | 3 | 6 | 5 | 1 | 3 | 2 | 4 | 4 |
| March | 950·8 | 950·2 | .. | 92·7 | 86·6 | .. | 68·6 | 67·3 | .. | 14·2 | 15·2 | .. | 28 | 38 | .. | 0·5 | 1 | 5 | 5 | 11 | 3 | 1 | 3 | 1 | 1 |
| April | 947·9 | 947·3 | .. | 97·0 | 91·6 | .. | 73·2 | 72·6 | .. | 18·3 | 19·7 | .. | 31 | 42 | .. | 2·9 | 0 | 1 | 2 | 2 | 5 | 8 | 3 | 4 | 5 |
| May | 944·3 | 943·8 | .. | 100·8 | 96·2 | .. | 74·3 | 74·2 | .. | 18·2 | 20·1 | .. | 28 | 37 | .. | 2·4 | 2 | 3 | 1 | 2 | 0 | 2 | 8 | 13 | 0 |
| June | 943·0 | 942·4 | .. | 90·3 | 87·1 | .. | 75·4 | 74·6 | .. | 24·0 | 24·2 | .. | 51 | 58 | .. | 6·9 | 0 | 1 | 0 | 0 | 0 | 7 | 10 | 12 | 0 |
| July | 942·8 | 942·2 | .. | 84·1 | 81·2 | .. | 75·1 | 74·3 | .. | 26·1 | 26·1 | .. | 66 | 73 | .. | 9·0 | 0 | 0 | 0 | 0 | 0 | 3 | 21 | 7 | 0 |
| August | 943·6 | 943·1 | .. | 82·5 | 79·8 | .. | 75·0 | 73·9 | .. | 26·7 | 26·3 | .. | 71 | 77 | .. | 8·6 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 10 | 2 |
| September | 945·8 | 945·3 | .. | 82·6 | 79·4 | .. | 74·2 | 73·1 | .. | 25·4 | 25·3 | .. | 67 | 75 | .. | 8·1 | 1 | 1 | 0 | 0 | 0 | 2 | 11 | 14 | 1 |
| October | 949·9 | 949·8 | .. | 87·0 | 82·5 | .. | 73·6 | 72·4 | .. | 22·8 | 23·1 | .. | 53 | 63 | .. | 6·0 | 5 | 8 | 6 | 6 | 1 | 0 | 0 | 2 | 3 |
| November | 951·6 | 951·5 | .. | 80·3 | 76·7 | .. | 72·7 | 71·6 | .. | 24·7 | 24·7 | .. | 70 | 79 | .. | 8·1 | 1 | 3 | 10 | 8 | 2 | 0 | 0 | 0 | 6 |
| December | 953·5 | 953·2 | .. | 76·9 | 70·3 | .. | 63·6 | 61·0 | .. | 14·8 | 14·7 | .. | 46 | 60 | .. | 2·1 | 1 | 7 | 8 | 7 | 0 | 0 | 0 | 0 | 8 |
| *Year* | 948·2 | 947·8 | .. | 86·8 | 82·3 | .. | 71·7 | 70·4 | .. | 20·6 | 21·0 | .. | 49 | 59 | .. | 4·9 | 12 | 34 | 45 | 60 | 12 | 27 | 77 | 67 | 32 |

# Table VI. Abstract of Observations recorded at 12-30 hrs. I.S.T.(7 hrs. G. M. T.) and corrected daily mea at 13 First Class Stations in India during each month and the year 1948.

| Station height of barometer, cistern above mean sea level in feet and month. | Pressure at Station level, millibars. | | | Temperature of air °F. | | | Wet bulb temperature °F. | | | Vapour pressure, millibars. | | | Relative humidity %. | | | Cloud amount. | Wind direction at 12-30 hrs (I.S.T.) Number of winds from | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Deaarture from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means, | Departure from normal. | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | Mean of daily means. | Departure from normal. | Mean 1-30 hrs. (I. S. T.). 2 | N | NB | E | SE | S | SW | W | NW |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| **BANGALORE (3021)** | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 912·0 | 911·4 | —0·2 | 76·4 | 69·4 | +2·8 | 62·9 | 61·9 | .. | 14·2 | 15·5 | .. | 46 | 64 | .. | 5·1 | 1 | 6 | 13 | 6 | 2 | 1 | 0 | 2 |
| February | 911·8 | 911·2 | +0·3 | 83·0 | 74·4 | +3·2 | 62·8 | 61·8 | .. | 11·5 | 13·3 | .. | 31 | 48 | .. | 3·4 | 1 | 5 | 7 | 7 | 3 | 1 | 4 | 1 |
| March | 910·4 | 909·9 | +0·2 | 86·2 | 77·2 | +1·4 | 63·6 | 63·1 | .. | 11·0 | 13·2 | .. | 26 | 45 | .. | 2·7 | 2 | 6 | 8 | 6 | 4 | 0 | 0 | 3 |
| April | 909·1 | 908·4 | +0·5 | 88·3 | 80·3 | +2·5 | 67·7 | 67·1 | .. | 14·9 | 16·9 | .. | 33 | 52 | .. | 4·4 | 4 | 3 | 4 | 6 | 3 | 5 | 3 | 2 |
| May | 907·4 | 906·9 | +0·2 | 85·2 | 78·0 | +0·2 | 71·4 | 69·8 | .. | 20·3 | 21·5 | .. | 50 | 73 | .. | 5·5 | 2 | 1 | 0 | 0 | 1 | 3 | 13 | 11 |
| June | 906·2 | 905·8 | +0·3 | 80·3 | 74·5 | +1·1 | 69·8 | 68·5 | .. | 20·6 | 21·0 | .. | 59 | 74 | .. | 8·8 | 1 | 0 | 0 | 0 | 0 | 5 | 14 | 10 |
| July | 905·7 | 905·5 | —0·7 | 77·3 | 71·9 | +0·5 | 69·4 | 68·1 | .. | 21·4 | 21·7 | .. | 66 | 81 | .. | 9·5 | 1 | 0 | 0 | 0 | 0 | 3 | 19 | 8 |
| August | 906·1 | 905·9 | —0·8 | 76·5 | 71·4 | +0·2 | 69·5 | 68·1 | .. | 21·8 | 22·1 | .. | 70 | 84 | .. | 8·7 | 1 | 1 | 0 | 0 | 0 | 5 | 17 | 6 |
| September | 907·5 | 907·4 | —0·4 | 77·5 | 71·9 | +0·6 | 68·6 | 67·2 | .. | 20·4 | 20·4 | .. | 64 | 75 | .. | 8·8 | 2 | 0 | 0 | 0 | 0 | 3 | 13 | 12 |
| October | 909·7 | 907·2 | —1·7 | 79·1 | 72·5 | +1·2 | 68·5 | 67·3 | .. | 19·6 | 20·0 | .. | 58 | 72 | .. | 7·3 | 3 | 6 | 6 | 4 | 1 | 0 | 7 | 2 |
| November | 910·5 | 910·4 | +0·2 | 78·1 | 72·1 | +3·2 | 67·9 | 66·8 | .. | 19·2 | 20·1 | .. | 59 | 74 | .. | 7·5 | 2 | 2 | 10 | 9 | 3 | 0 | 1 | 2 |
| December | 911·5 | 911·2 | —0·2 | 74·3 | 68·0 | +1·4 | 62·4 | 61·1 | .. | 14·4 | 15·5 | .. | 50 | 67 | .. | 5·9 | 3 | 10 | 12 | 5 | 1 | 0 | 0 | 0 |
| *Year* | 909·0 | 908·4 | —0·3 | 80·2 | 73·5 | +1·4 | 67·0 | 65·9 | .. | 17·5 | 18·4 | .. | 51 | 67 | .. | 6·5 | 23 | 40 | 60 | 43 | 18 | 26 | 91 | 59 |
| **TRIVANDRUM. (211)** | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1003·5 | 1003·4 | —0·2 | 86·9 | 80·3 | +3·6 | 75·2 | 73·4 | +2·6 | 24·7 | 25·4 | +2·7 | 57 | 76 | +2 | 5·2 | 1 | 1 | 0 | 0 | 3 | 16 | 6 | 2 |
| February | 1004·5 | 1004·4 | +0·8 | 87·1 | 80·1 | +2·0 | 75·0 | 73·4 | +1·7 | 24·2 | 25·4 | +2·2 | 55 | 74 | +2 | 3·0 | 0 | 0 | 0 | 1 | 2 | 18 | 7 | 1 |
| March | 1003·0 | 1002·7 | +0·3 | 88·8 | 80·9 | +0·5 | 77·5 | 75·6 | +1·0 | 27·1 | 28·2 | +2·0 | 58 | 83 | +8 | 4·0 | 1 | 0 | 0 | 0 | 2 | 20 | 5 | 3 |
| April | 1002·1 | 1001·8 | +1·0 | 88·8 | 82·9 | +1·9 | 79·0 | 77·4 | +1·3 | 29·3 | 29·8 | +1·7 | 63 | 81 | +2 | 5·6 | 0 | 2 | 0 | 0 | 1 | 12 | 13 | 2 |
| May | 1001·2 | 1001·0 | +0·4 | 86·8 | 81·6 | +1·3 | 79·3 | 77·9 | +1·4 | 30·8 | 30·9 | +2·2 | 71 | 79 | —4 | 6·7 | 0 | 1 | 0 | 0 | 1 | 3 | 9 | 17 |
| June | 1001·6 | 1001·3 | +0·7 | 82·8 | 78·5 | +0·9 | 77·6 | 76·0 | +1·4 | 30·0 | 29·9 | +2·4 | 79 | 90 | +4 | 8·5 | 1 | 0 | 0 | 0 | 0 | 3 | 7 | 19 |
| July | 1001·2 | 1001·0 | 0 | 82·0 | 77·4 | +0·7 | 77·0 | 75·5 | +1·8 | 29·4 | 28·9 | +2·0 | 79 | 90 | +3 | 7·6 | 4 | 0 | 0 | 0 | 0 | 2 | 6 | 19 |
| August | 1001·5 | 1001·5 | —0·1 | 82·8 | 78·0 | +1·3 | 76·6 | 75·3 | +1·6 | 28·5 | 28·6 | +2·0 | 74 | 88 | +2 | 7·1 | 1 | 0 | 0 | 0 | 0 | 1 | 11 | 18 |
| September | 1002·2 | 1002·4 | +0·4 | 85·1 | 79·2 | +2·1 | 76·4 | 75·1 | +1·5 | 27·3 | 27·8 | +1·4 | 67 | 83 | —1 | 5·2 | 1 | 0 | 0 | 0 | 0 | 3 | 9 | 17 |
| October | 1002·8 | 1003·2 | +0·9 | 84·7 | 79·0 | +2·1 | 77·0 | 75·3 | +1·7 | 28·3 | 28·7 | +2·1 | 70 | 85 | 0 | 5·6 | 2 | 1 | 0 | 2 | 1 | 11 | 10 | 4 |
| November | 1003·3 | 1003·3 | +0·6 | 85·3 | 79·3 | +2·3 | 77·2 | 75·1 | +1·6 | 28·3 | 28·3 | +2·0 | 68 | 86 | +2 | 5·5 | 0 | 2 | 1 | 3 | 1 | 9 | 5 | 7 |
| December | 1003·0 | 1003·0 | —0·3 | 86·7 | 80·1 | +3·8 | 75·4 | 73·6 | +2·0 | 24·9 | 25·5 | +1·8 | 57 | 76 | —2 | 6·0 | 1 | 6 | 0 | 1 | 3 | 12 | 3 | 2 |
| *Year* | 1002·5 | 1002·4 | +0·4 | 85·7 | 79·8 | +1·9 | 77·0 | 75·3 | +1·6 | 27·7 | 28·1 | +2·0 | 67 | 83 | +2 | 5·8 | 12 | 13 | 1 | 7 | 14 | 110 | 91 | 111 |
| **MADRAS (51)** | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 1012·1 | 1011·7 | —1·7 | 81·7 | 75·8 | +0·4 | 73·0 | 71·4 | .. | 24·3 | 24·0 | . | 64 | 78 | .. | 6·9 | 0 | 12 | 19 | 0 | 0 | 0 | 0 | 0 |
| February | 1011·5 | 1010·9 | —1·5 | 86·6 | 78·8 | +2·4 | 74·3 | 72·7 | .. | 23·5 | 24·6 | .. | 55 | 73 | .. | 3·4 | 0 | 1 | 11 | 10 | 3 | 4 | 0 | 0 |
| March | 1009·5 | 1009·1 | —1·2 | 90·1 | 81·2 | +2·2 | 75·7 | 74·7 | .. | 24·1 | 25·3 | .. | 50 | 67 | .. | 3·2 | 0 | 2 | 12 | 10 | 5 | 1 | 1 | 0 |
| April | 1006·5 | 1007·6 | —1·3 | 93·9 | 85·7 | +2·1 | 79·1 | 77·7 | .. | 27·3 | 28·9 | .. | 51 | 69 | .. | 3·8 | 0 | 0 | 1 | 15 | 11 | 1 | 1 | 0 |
| May | 1002·6 | 1002·4 | —2·1 | 99·4 | 91·8 | +3·6 | 79·8 | 79·0 | .. | 26·2 | 28·7 | .. | 41 | 61 | .. | 4·6 | 1 | 0 | 0 | 10 | 1 | 5 | 10 | 4 |
| June | 1001·5 | 1001·4 | —1·9 | 98·7 | 91·5 | +3·7 | 78·1 | 77·2 | .. | 23·5 | 26·0 | .. | 37 | 60 | .. | 7·1 | 1 | 0 | 1 | 0 | 0 | 3 | 20 | 5 |
| July | 1001·9 | 1001·8 | —2·2 | 93·5 | 86·6 | +1·4 | 77·5 | 73·6 | .. | 25·0 | 27·4 | .. | 46 | 65 | .. | 7·8 | 0 | 0 | 0 | 0 | 0 | 4 | 19 | 7 |
| August | 1002·6 | 1002·5 | —2·4 | 91·6 | 85·6 | +1·6 | 77·2 | 77·3 | .. | 25·2 | 27·0 | .. | 51 | 66 | .. | 7·7 | 0 | 0 | 2 | 0 | 0 | 5 | 21 | 3 |
| September | 1004·1 | 1004·2 | —1·7 | 91·2 | 84·8 | +1·4 | 76·4 | 76·1 | .. | 24·4 | 27·0 | .. | 49 | 68 | .. | 7·1 | 1 | 0 | 0 | 0 | 1 | 4 | 15 | 7 |
| October | 1007·8 | 1008·0 | —0·3 | 86·9 | 81·5 | +0·9 | 77·1 | 76·3 | .. | 27·3 | 28·3 | .. | 63 | 78 | .. | 7·3 | 2 | 4 | 10 | 4 | 3 | 3 | 3 | 2 |
| November | 1009·6 | 1009·6 | —1·4 | 84·7 | 79·9 | +2·1 | 76·6 | 75·7 | .. | 27·6 | 28·3 | .. | 68 | 81 | .. | 7·0 | 2 | 7 | 13 | 5 | 0 | 0 | 1 | 2 |
| December | 1011·6 | 1011·4 | —1·4 | 81·1 | 75·3 | —0·3 | 71·6 | 70·3 | .. | 22·2 | 22·6 | .. | 61 | 75 | .. | 7·1 | 12 | 16 | 3 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1006·8 | 1006·7 | —1·5 | 89·9 | 83·2 | +1·8 | 76·4 | 75·2 | .. | 25·1 | 26·5 | .. | 53 | 70 | .. | 6·1 | 19 | 42 | 72 | 54 | 24 | 30 | 91 | 30 |

## Table VI. Abstract of observations recorded at 12-30 hrs. I.S.T. (7 hrs. G. M. T.) and corrected daily means at 13 First Class Stations in India during each month and the year 1948.

| Station, height of barometer, cistern above mean sea level in feet and month. | Pressure at Station level millibars. | | | Temperature of air °F. | | | Wet bulb temperature °F. | | | Vapour pressure millibars. | | | Relative humidity. %. | | | Cloud amount. | Wind direction at 12-30 hrs. I. S. T. — Number of winds from | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mean 12-30 hrs. (I. S. T.). | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | Mean of daily means. | Departure from normal. | Mean 12-30 hrs. (I. S. T.) | N | NE | E | SE | S | SW | W | NW | calm |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| KODAIKANAL (7,688) | | | | | | | | | | | | | | | | | | | | | | | | | |
| January | 772·3 | 772·1 | +1·0 | 59·6 | 55·1 | +2·6 | 53·8 | 51·6 | +5·4 | 12·3 | 11·7 | +3·3 | 72 | 83 | +21 | 6·3 | 1 | 6 | 4 | 11 | 3 | 0 | 1 | 2 | 3 |
| February | 773·2 | 772·7 | +1·3 | 61·3 | 55·0 | +1·3 | 52·8 | 49·1 | +2·1 | 10·7 | 9·8 | +1·3 | 59 | 73 | +13 | 4·6 | 3 | 6 | 4 | 8 | 1 | 0 | 1 | 2 | 4 |
| March | 772·9 | 772·2 | +0·7 | 64·2 | 57·2 | +0·9 | 53·3 | 50·1 | +1·5 | 10·1 | 9·8 | +1·0 | 50 | 69 | +14 | 4·6 | 7 | 11 | 3 | 7 | 0 | 0 | 1 | 1 | 1 |
| April | 772·5 | 771·8 | +1·0 | 66·8 | 59·9 | +0·7 | 57·3 | 53·2 | +0·6 | 12·7 | 11·4 | +0·3 | 57 | 70 | +5 | 5·2 | 3 | 9 | 4 | 9 | 2 | 0 | 0 | 2 | 1 |
| May | 771·4 | 771·8 | +1·6 | 68·2 | 61·6 | +1·7 | 59·9 | 55·8 | +1·1 | 14·7 | 13·2 | +0·7 | 63 | 79 | +7 | 6·5 | 1 | 4 | 2 | 6 | 6 | 0 | 0 | 10 | 2 |
| June | 769·9 | 769·1 | +0·4 | 62·4 | 59·5 | +2·3 | 58·1 | 56·7 | +3·4 | 15·0 | 14·3 | +1·8 | 79 | 88 | +10 | 8·2 | 6 | 0 | 0 | 6 | 0 | 1 | 13 | 4 | 0 |
| July | 769·1 | 768·7 | +0·5 | 61·3 | 57·0 | +1·3 | 57·9 | 54·8 | +2·1 | 15·2 | 13·9 | +1·5 | 82 | 88 | +5 | 8·7 | 0 | 0 | 0 | 0 | 0 | 2 | 10 | 19 | 0 |
| August | 769·4 | 76 8 | +0·1 | 61·1 | 56·6 | +1·5 | 57·2 | 53·9 | +0·8 | 14·6 | 13·2 | +0·7 | 80 | 89 | +6 | 8·1 | 0 | 1 | 0 | 1 | 2 | 0 | 12 | 15 | 0 |
| September | 770·4 | 770·0 | +0·8 | 62·3 | 57·3 | +1·7 | 57·4 | 53·7 | +0·8 | 14·3 | 2·7 | +0·1 | 75 | 83 | 0 | 8·0 | 2 | 2 | 1 | 5 | 2 | 0 | 5 | 12 | 1 |
| October | 771·6 | 771·2 | +1·2 | 60·4 | 56·0 | +2·1 | 56·2 | 52·6 | +0·2 | 14·0 | 12·3 | —0·1 | 79 | 89 | +4 | 8·1 | 5 | 2 | 2 | 11 | 5 | 0 | 0 | 5 | 1 |
| November | 771·9 | 771·8 | +1·1 | 59·1 | 55·5 | +2·1 | 55·9 | 54·1 | +3·7 | 14·1 | 13·8 | +2·3 | 84 | 92 | +9 | 8·8 | 3 | 10 | 6 | 6 | 3 | 0 | 1 | 1 | 0 |
| December | 771·6 | 770·9 | +0·2 | 59·0 | 53·6 | +1·6 | 53·7 | 49·3 | +2·0 | 12·2 | 0·5 | +1·6 | 73 | 77 | +11 | 4·1 | 1 | 3 | 4 | 13 | 2 | 0 | 2 | 6 | 0 |
| *Year* | 771·3 | 770·9 | +0·7 | 62·1 | 57·0 | +1·3 | 56·1 | 52·9 | +2·0 | 13·3 | 12·2 | +1·2 | 71 | 82 | +9 | 6·8 | 32 | 54 | 30 | 83 | 26 | 3 | 46 | 79 | 13 |

## Table VII. Mean duration of bright Sunshine at 13 stations for the year 1948.

| Month/Hours I. S. T. | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | Average total per day. | Greatest number of hours in a day. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CALCUTTA* | | | | | | | | | | | | | | | |
| January | 0 | 0·5 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0 | 0 | 8·5 | 10·0 |
| February | 0·1 | 0·6 | 0·8 | 0·9 | 0·9 | 0·9 | 0·8 | 0·9 | 0·9 | 0·9 | 0·8 | 0·1 | 0 | 8·6 | 10·9 |
| March | 0 | 0·7 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·8 | 0·1 | 0 | 9·0 | 10·6 |
| April | 0·1 | 0·9 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·3 | 0 | 9·7 | 11·3 |
| May | 0·1 | 0·5 | 0·7 | 0·8 | 0·8 | 0·9 | 0·8 | 0·9 | 0·9 | 0·8 | 0·6 | 0·2 | 0 | 8·1 | 11·3 |
| June | 0·1 | 0·3 | 0·3 | 0·6 | 0·6 | 0·6 | 0·5 | 0·5 | 0·5 | 0·5 | 0·3 | 0·1 | 0 | 5·3 | 10·6 |
| July | 0·2 | 0·4 | 0·5 | 0·5 | 0·5 | 0·5 | 0·4 | 0·3 | 0·3 | 0·3 | 0·3 | 0·2 | 0 | 4·4 | 11·5 |
| August | 0·1 | 0·2 | 0·3 | 0·4 | 0·4 | 0·5 | 0·3 | 0·3 | 0·3 | 0·3 | 0·3 | 0·1 | 0 | 3·5 | 9·7 |
| September | 0 | 0·3 | 0·5 | 0·6 | 0·6 | 0·6 | 0·5 | 0·5 | 0·4 | 0·3 | 0·2 | 0·1 | 0 | 4·6 | 10·0 |
| October | 0 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·1 | 0 | 7·4 | 10·6 |
| November | 0 | 0·5 | 0.6 | 0·6 | 0·7 | 0·7 | 0·7 | 0·6 | 0·5 | 0·6 | 0·5 | 0 | 0 | 5·9 | 10·5 |
| December | 0 | 0·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·8 | 0 | 0 | 9·5 | 10·0 |
| *Year* | 0·1 | 0·5 | 0·7 | 0·7 | 0·7 | 0·8 | 0.7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·1 | 0 | 7·0 | 11·5 |
| ALLAHABAD (RAMRAULI) | | | | | | | | | | | | | | | |
| January | 0 | 0·3 | 0·6 | 0·7 | 0·7 | 0·8 | 0·8 | 0·7 | 0·6 | 0·6 | 0·3 | 0 | 0 | 6·1 | 9·6 |
| February | 0·1 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·2 | 0 | 9·0 | 11·1 |
| March | 0·1 | 0·8 | 0·9 | 1·0 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·7 | 0 | 0 | 9·0 | 10·5 |
| April | 0·3 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·3 | 0 | 10·4 | 11·4 |
| May | 0·4 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·7 | 0·2 | 0 | 9·9 | 11·6 |
| June | 0·2 | 0·4 | 0·6 | 0·7 | 0·7 | 0·7 | 0·7 | 0·8 | 0·7 | 0·6 | 0·5 | 0·2 | 0 | 6·8 | 11·3 |
| July | 0·2 | 0·3 | 0·4 | 0·5 | 0·5 | 0·6 | 0·5 | 0·4 | 0·4 | 0·3 | 0·2 | 0·1 | 0 | 4·3 | 11·1 |
| August | 0·1 | 0·3 | 0·4 | 0·4 | 0·4 | 0·5 | 0·6 | 0·5 | 0·5 | 0·4 | 0·3 | 0·2 | 0 | 4·7 | 10·6 |
| September | 0 | 0·3 | 0·4 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·5 | 0·3 | 0·1 | 0 | 4·9 | 9·8 |
| October | 0·1 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·2 | 0 | 8·9 | 10·4 |
| November | 0 | 0·6 | 0·8 | 0·8 | 0·8 | 0·8 | 0·9 | 0·8 | 0·8 | 0·8 | 0·8 | 0·1 | 0 | 8·1 | 10·1 |
| December | 0 | 0·6 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0 | 0 | 9·2 | 9·8 |
| *Year* | 0·1 | 0·6 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·1 | 0·0 | 7·6 | 11·6 |

* The hours in this case refer to L. M. T.

# Table VII. Mean duration of bright Sunshine at 13 stations for the year 1948.

| Month/Hours I. S. T. | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | Average total per day. | Great numb of ho in a da |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW DELHI** | | | | | | | | | | | | | | | |
| January | 0 | 0·6 | 0·7 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0 | 0 | 7·4 | 10 |
| February | 0·3 | 0·8 | 0·8 | 0·9 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·5 | 0 | 8·3 | 10 |
| March | 0 | 0·6 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·5 | 0 | 0 | 7·4 | 10 |
| April | 0·3 | 0·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·7 | 0·2 | 0 | 9·7 | 11 |
| May | 0·4 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·7 | 0·3 | 0 | 10·0 | 12 |
| June | 0·3 | 0·6 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·7 | 0·7 | 0·5 | 0·3 | 0 | 8·3 | 11 |
| July | 0·2 | 0·4 | 0·4 | 0·5 | 0·6 | 0·7 | 0·6 | 0·6 | 0·5 | 0·4 | 0·3 | 0·2 | 0 | 5·5 | 11 |
| August | 0·1 | 0·2 | 0·2 | 0·3 | 0·3 | 0·3 | 0·4 | 0·4 | 0·5 | 0·3 | 0·3 | 0·2 | 0 | 3·7 | 9 |
| September | 0·1 | 0·5 | 0·8 | 0·8 | 0·8 | 0·8 | 0·9 | 0·9 | 0·8 | 0·7 | 0·5 | 0 | 0 | 7·5 | 9 |
| October | 0·2 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 0·9 | 0·9 | 0·7 | 0·1 | 0 | 9·2 | 10 |
| November | 0·1 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0 | 0 | 9·8 | 10 |
| December | 0 | 0·7 | 0·9 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·5 | 0 | 0 | 8·2 | 9 |
| *Year* | 0·2 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·1 | 0 | 7·9 | 12 |
| **SRINAGAR** | | | | | | | | | | | | | | | |
| January | 0 | 0 | 0 | 0 | 0 | 0·1 | 0·1 | 0·1 | 0·3 | 0·3 | 0 | 0 | 0 | 0·9 | 5 |
| February | 0 | 0 | 0 | 0·1 | 0·1 | 0·1 | 0·2 | 0·2 | 0·2 | 0·2 | 0·1 | 0 | 0 | 1·2 | 9 |
| March | 0 | 0·2 | 0·3 | 0·3 | 0·3 | 0·4 | 0·4 | 0·4 | 0·4 | 0·3 | 0·3 | 0·1 | 0 | 3·4 | 11 |
| April | 0·1 | 0·3 | 0·3 | 0·3 | 0·3 | 0·5 | 0·5 | 0·6 | 0·6 | 0·5 | 0·4 | 0·2 | 0 | 4·6 | 10 |
| May | 0·3 | 0·5 | 0·6 | 0·6 | 0·6 | 0·7 | 0·6 | 0·7 | 0·7 | 0·7 | 0·7 | 0·5 | 0 | 7·2 | 12 |
| June | 0·2 | 0·1 | 0·2 | 0·3 | 0·6 | 0·7 | 0·7 | 0·7 | 0·6 | 0·5 | 0·5 | 0·4 | 0·1 | 5·6 | 12 |
| July | 0·2 | 0·2 | 0·3 | 0·5 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·5 | 0·1 | 6·7 | 12 |
| August | 0·2 | 0·4 | 0·5 | 0·6 | 0·7 | 0·7 | 0·8 | 0·8 | 0·7 | 0·6 | 0·5 | 0·3 | 0 | 6·8 | 12 |
| September | 0 | 0·6 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·2 | 0 | 8·7 | 10 |
| October | 0 | 0·6 | 0·9 | 0·9 | 1·0 | 1·0 | 0·9 | 0·8 | 0·8 | 0·8 | 0·7 | 0 | 0 | 8·4 | 10 |
| November | 0 | 0·1 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·4 | 0 | 0 | 7·6 | 10 |
| December | 0 | 0 | 0·1 | 0·3 | 0·3 | 0·3 | 0·4 | 0·3 | 0·3 | 0·3 | 0·1 | 0 | 0 | 2·4 | 8 |
| *Year* | 0·1 | 0·3 | 0·4 | 0·5 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·4 | 0·2 | 0 | 5·3 | 12 |
| **JODHPUR** | | | | | | | | | | | | | | | |
| January | 0·1 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·7 | 0·1 | 0 | 8·6 | 10 |
| February | 0·2 | 0·7 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·8 | 0·2 | 0 | 8·8 | 11 |
| March | 0 | 0·6 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·8 | 0·6 | 0 | 0 | 8·2 | 10 |
| April | 0·4 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·8 | 0·4 | 0·1 | 10·0 | 12 |
| May | 0·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·5 | 0 | 11·1 | 12 |
| June | 0·5 | 0·7 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·7 | 0·4 | 0 | 9·5 | 11 |
| July | 0·1 | 0·4 | 0·6 | 0·6 | 0·6 | 0·6 | 0·7 | 0·7 | 0·6 | 0·6 | 0·5 | 0·1 | 0 | 6·2 | 10 |
| August | 0·1 | 0·5 | 0·5 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·4 | 0·1 | 0 | 5·7 | 11 |
| September | 0 | 0·6 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·6 | 0 | 0 | 8·4 | 9 |
| October | 0·1 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·1 | 0 | 9·8 | 10 |
| November | 0·1 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·1 | 0 | 9·8 | 10 |
| December | 0 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·8 | 0 | 0 | 9·3 | 10 |
| *Year* | 0·2 | 0·7 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·7 | 0·2 | | 8·8 | 12 |

# Table VII. Mean duration of bright Sunshine at 13 stations for the year 1948.

| Month Hours. I. S. T. | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | Average total per day. | Greatest number of hours in a day. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **JAIPUR** | | | | | | | | | | | | | | | |
| January | 0·1 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·1 | 0 | 7·9 | 10·9 |
| February | 0·3 | 0·7 | 0·8 | 0·8 | 0·9 | 0·9 | 0·8 | 0·7 | 0·8 | 0·8 | 0·7 | 0·3 | 0 | 8·5 | 11·6 |
| March | 0·3 | 0·7 | 0·8 | 0·9 | 0·8 | 0·9 | 0·9 | 0·9 | 0·8 | 0·8 | 0·7 | 0·2 | 0 | 8·7 | 11·6 |
| April | 0·4 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·3 | 0 | 10·2 | 11·5 |
| May | 0·3 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·4 | 0 | 10·3 | 12·0 |
| June | 0·2 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·5 | 0·3 | 0 | 6·2 | 12·0 |
| July | 0 | 0·1 | 0·3 | 0·4 | 0·4 | 0·2 | 0·4 | 0·4 | 0·4 | 0·3 | 0·2 | 0 | 0 | 3·1 | 10·5 |
| August | 0·1 | 0·2 | 0·2 | 0·4 | 0·5 | 0·4 | 0·4 | 0·5 | 0·5 | 0·4 | 0·3 | 0·1 | 0 | 4·0 | 11·7 |
| September | 0·2 | 0·7 | 0·7 | 0·9 | 0·8 | 0·9 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·1 | 0 | 8·0 | 10·8 |
| October | 0·3 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·8 | 0·2 | 0 | 10·0 | 11·0 |
| November | 0·2 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·1 | 0 | 9·3 | 10·5 |
| December | 0 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0 | 0 | 9·6 | 10·1 |
| *Year* | 0·2 | 0·7 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·2 | 0 | 9·0 | 12·0 |
| **NAGPUR** | | | | | | | | | | | | | | | |
| anuary | 0·3 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0 | 0 | 7·4 | 10·2 |
| 'ebruary | 0·3 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·9 | 0·2 | 0 | 9·9 | 10·7 |
| Iarch | 0·6 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·7 | 0·1 | 0 | 9·5 | 10·7 |
| April | 0·1 | 0·6 | 0·8 | 0·8 | 0·9 | 0·9 | 1·0 | 1·0 | 0·9 | 0·8 | 0·7 | 0·1 | 0 | 8·6 | 11·5 |
| Iay | 0·6 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·9 | 0·4 | 0 | 10·4 | 12·1 |
| 'une | 0·1 | 0·2 | 0·2 | 0·3 | 0·3 | 0·5 | 0·6 | 0·7 | 0·6 | 0·5 | 0·5 | 0·3 | 0 | 4·8 | 11·9 |
| uly | 0 | 0·1 | 0·2 | 0·3 | 0·3 | 0·3 | 0·3 | 0·3 | 0·3 | 0·2 | 0·1 | 0·1 | 0 | 2·3 | 8·7 |
| ugust | 0 | 0·1 | 0·2 | 0·3 | 0·3 | 0·3 | 0·3 | 0·3 | 0·3 | 0·2 | 0·2 | 0 | 0 | 2·6 | 9·5 |
| eptember | 0 | 0·1 | 0·3 | 0·4 | 0·5 | 0·5 | 0·5 | 0·5 | 0·5 | 0·5 | 0·1 | 0 | 0 | 4·0 | 8·0 |
| 'ctober | 0·1 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·8 | 0·6 | 0 | 0 | 9·1 | 10·4 |
| 'overnber | 0 | 0·4 | 0·6 | 0·6 | 0·7 | 0·7 | 0·7 | 0·7 | 0·5 | 0·5 | 0·4 | 0 | 0 | 5·8 | 10·0 |
| 'ecember | 0 | 0·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·8 | 0 | 0 | 9·5 | 10·0 |
| 'ear | 0·2 | 0·5 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·8 | 0·7 | 0·7 | 0·5 | 0·1 | 0 | 7·0 | 12·1 |
| **BOMBAY*** | | | | | | | | | | | | | | | |
| anuary | 0 | 0·5 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0 | 0 | 7·6 | 9·9 |
| ebruary | 0 | 0·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·1 | 0 | 9·6 | 10·2 |
| Iarch | 0 | 0·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·1 | 0 | 9·6 | 10·2 |
| pril | 0 | 0·6 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·3 | 0 | 9·8 | 10·8 |
| Iay | 0·1 | 0·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·3 | 0 | 9·8 | 11·2 |
| une | 0·1 | 0·3 | 0·5 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·4 | 0·4 | 0·2 | 0 | 5·4 | 11·4 |
| uly | 0 | 0·1 | 0·1 | 0·2 | 0·2 | 0·2 | 0·2 | 0·2 | 0·2 | 0·1 | 0·1 | 0 | 0 | 1·5 | 7·1 |
| ugust | 0 | 0·1 | 0·2 | 0·3 | 0·3 | 0·2 | 0·2 | 0·3 | 0·3 | 0·2 | 0·1 | 0 | 0 | 2·2 | 7·2 |
| eptember | 0 | 0·1 | 0·5 | 0·6 | 0·5 | 0·5 | 0·5 | 0·6 | 0·6 | 0·4 | 0·3 | 0 | 0 | 4·6 | 8·8 |
| ctober | 0 | 0·4 | 0·7 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·7 | 0·2 | 0 | 8·1 | 10·7 |
| ovember | 0 | 0·5 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·1 | 0 | 7·9 | 10·3 |
| ecember | 0 | 0·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·5 | 0 | 9·8 | 10·3 |
| ear | 0 | 0·5 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·8 | 0·8 | 0·7 | 0·6 | 0·1 | 0 | 7·2 | 11·4 |

*The hours in this case refer to L.M.T.

# Table VII. Mean duration of bright Sunshine at 13 stations for the year 1948.

| Month Hours. I. S. T. | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | Average total per day. | Greate numb of hou in a da |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **POONA** | | | | | | | | | | | | | | | |
| January | 0 | 0·6 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·7 | 0·7 | 0·1 | 0 | 7·2 | 1 |
| February | 0·1 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·2 | 0 | 9·8 | 1 |
| March | 0·1 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·1 | 0 | 9·8 | 1 |
| April | 0·4 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·8 | 0·3 | 0 | 10·0 | 1 |
| May | 0·5 | 0·8 | 0·9 | 0·9 | 0·9 | 1·0 | 0·9 | 0·9 | 0·9 | 0·9 | 1·0 | 0·8 | 0 | 10·2 | 1 |
| June | 0·3 | 0·5 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·5 | 0·4 | 0·3 | 0·3 | 0 | 5·8 | 1 |
| July | 0 | 0·2 | 0·3 | 0·3 | 0·4 | 0·4 | 0·3 | 0·2 | 0·2 | 0·2 | 0·2 | 0 | 0 | 2·7 | |
| August | 0 | 0·3 | 0·3 | 0·3 | 0·4 | 0·4 | 0·3 | 0·3 | 0·3 | 0·2 | 0·2 | 0 | 0 | 3·3 | 1 |
| September | 0 | 0·3 | 0·5 | 0·6 | 0·5 | 0·5 | 0·5 | 0·6 | 0·5 | 0·5 | 0·3 | 0 | 0 | 4·8 | |
| October | 0 | 0·6 | 0·9 | 0·9 | 0·8 | 0·8 | 0·9 | 0·9 | 0·8 | 0·7 | 0·7 | 0·2 | 0 | 7·9 | 1 |
| November | 0 | 0·3 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·7 | 0·6 | 0·6 | 0·3 | 0 | 0 | 6·1 | |
| December | 0 | 0·7 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0 | 0 | 9·5 | 1 |
| *Year* | 0·1 | 0·6 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·7 | 0·6 | 0·2 | 0 | 7·3 | 1 |
| ***BANGALORE** | | | | | | | | | | | | | | | |
| January | 0 | 0·5 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·6 | 0·6 | 0·8 | 0·7 | 0 | 0 | 7·7 | 1 |
| February | 0·1 | 0·8 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·8 | 0·1 | 0 | 9·4 | 1 |
| March | 0·2 | 0·8 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 1·0 | 0·9 | 0·8 | 0 | 0 | 9·6 | 1 |
| April | 0·3 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·7 | 0·5 | 0·1 | 0 | 8·6 | 1 |
| May | 0·2 | 0·7 | 0·8 | 0·9 | 0·9 | 1·0 | 0·9 | 0·9 | 0·8 | 0·6 | 0·5 | 0·1 | 0 | 8·3 | 1 |
| June | 0·1 | 0·4 | 0·6 | 0·6 | 0·5 | 0·5 | 0·5 | 0·5 | 0·5 | 0·4 | 0·3 | 0·1 | 0 | 5·0 | 1 |
| July | 0·1 | 0·2 | 0·3 | 0·4 | 0·4 | 0·3 | 0·3 | 0·3 | 0·2 | 0·2 | 0·1 | 0 | 0 | 2·8 | |
| August | 0·1 | 0·2 | 0·3 | 0·3 | 0·3 | 0·4 | 0·5 | 0·5 | 0·5 | 0·3 | 0·1 | 0 | 0 | 3·5 | |
| September | 0 | 0·3 | 0·4 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·4 | 0 | 0 | 5·7 | |
| October | 0·1 | 0·4 | 0·6 | 0·8 | 0·7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·6 | 0·4 | 0·1 | 0 | 6·4 | 1 |
| November | 0 | 0·3 | 0·5 | 0·6 | 0·7 | 0·7 | 0·7 | 0·5 | 0·5 | 0·6 | 0·5 | 0·1 | 0 | 5·8 | |
| December | 0 | 0·6 | 0·8 | 0·9 | 0·9 | 0·8 | 0·8 | 0·7 | 0·4 | 0·7 | 0·5 | 0 | 0 | 7·1 | |
| *Year* | 0·1 | 0·5 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·6 | 0·5 | 0·1 | 0 | 6·7 | 1 |
| **TRIVANDRUM** | | | | | | | | | | | | | | | |
| January | 0·2 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·7 | 0·6 | 0·2 | 0 | 7·9 | 1 |
| February | 0·4 | 0·9 | 1·0 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 0·9 | 0·8 | 0·2 | 0 | 10·0 | 1 |
| March | 0·2 | 0·9 | 0·9 | 0·8 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·3 | 0·8 | 0·1 | 0 | 3·6 | 1 |
| April | 0·2 | 0·6 | 9·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·9 | 0·7 | 0·6 | 0·5 | 0·1 | 0 | ·8 | 1 |
| May | 0·2 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·9 | 0·7 | 0·6 | 0·5 | 0·4 | 0·1 | 0 | 6·8 | 1 |
| June | 0·1 | 0·3 | 0·4 | 0·4 | 0·5 | 0·5 | 0·4 | 0·4 | 0·3 | 0·2 | 0.2 | 0·1 | 0 | 4·0 | 1 |
| July | 0·1 | 0·3 | 0·4 | 0·5 | 0·5 | 0·5 | 0·5 | 0·6 | 0·6 | 0·5 | 0.3 | 0·1 | 0 | 4·9 | 1 |
| August | 0 | 0·4 | 0·6 | 0·6 | 0·5 | 0·6 | 0·7 | 0·7 | 0 6 | 0·6 | 0·4 | 0·1 | 0 | 5·9 | 1 |
| September | 0·2 | 0·6 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·5 | 0·2 | 0 | 7·8 | 1 |
| October | 0·2 | 0·5 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·8 | 0·7 | 0·6 | 0·5 | 0·1 | 0 | 6·8 | 1 |
| November | 0·2 | 0·5 | 0.7 | 0·7 | 0·7 | 0.7 | 0.7 | 0·6 | 0·6 | 0·5 | 0·4 | 0·1 | 0 | 6·6 | 1 |
| December | 0·1 | 0·6 | 0·6 | 0·6 | 0·7 | 0·7 | 0·7 | 0·8 | 0·7 | 0·6 | 0·5 | 0·1 | 0 | 6·7 | 1 |
| *Year* | 0·2 | 0·6 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·6 | 0·5 | 0·1 | 0 | 7·0 | 1 |

* The hours in this case refer to L. M. T.

# Table VII.—Mean duration of bright Sunshine at 13 stations for the year 1948.

| Month Hours I. S. T. | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 | 17-18 | 18-19 | Average total per day. | Greatest number of hours in a day. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MADRAS** | | | | | | | | | | | | | | | |
| January | 0·2 | 0·7 | 0·9 | 0·9 | 0·8 | 0·8 | 0·8 | 0·9 | 0·8 | 0·9 | 0·8 | 0·3 | 0 | 8·8 | 11·1 |
| February | 0·3 | 0·9 | 1·0 | 1·0 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·5 | 0 | 10·4 | 11·3 |
| March | 0·3 | 0·9 | 0·9 | 0·9 | 1·0 | 1·0 | 1·0 | 1·0 | 0·9 | 0·9 | 0·9 | 0·4 | 0 | 10·3 | 11·2 |
| April | 0·4 | 0·8 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·9 | 0·8 | 0·5 | 0 | 9·9 | 11·3 |
| May | 0·4 | 0·7 | 0·8 | 0·9 | 0·9 | 1·0 | 0·9 | 0·9 | 0·9 | 0·9 | 0·7 | 0·4 | 0 | 9·5 | 11·5 |
| June | 0·4 | 0·5 | 0·7 | 0·7 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·5 | 0·3 | 0·2 | 0 | 7·4 | 11·0 |
| July | 0·2 | 0·4 | 0·5 | 0·5 | 0·6 | 0·6 | 0·5 | 0·5 | 0·4 | 0·3 | 0·2 | 0·1 | 0 | 4·9 | 10·4 |
| August | 0·3 | 0·5 | 0·6 | 0·6 | 0·7 | 0·7 | 0·7 | 0·6 | 0·6 | 0·5 | 0·4 | 0·2 | 0 | 6·3 | 12·1 |
| September | 0 | 0·3 | 0·5 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·6 | 0·5 | 0·3 | 0·1 | 0 | 5·5 | 10·1 |
| October | 0·2 | 0·6 | 0·7 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·8 | 0·7 | 0·6 | 0·2 | 0 | 7·5 | 11·4 |
| November | 0·1 | 0·5 | 0·6 | 0·7 | 0·7 | 0·7 | 0·7 | 0·8 | 0·7 | 0·7 | 0·7 | 0·3 | 0 | 7·4 | 11·0 |
| December | 0·1 | 0·6 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·6 | 0·6 | 0·5 | 0·1 | 0 | 7·3 | 10·8 |
| *Year* | 0·2 | 0·6 | 0·7 | 0·8 | 0·8 | 0·8 | 0·8 | 0·8 | 0·7 | 0·7 | 0·6 | 0·3 | 0 | 7·9 | 12·1 |
| **KODAIKANAL** | | | | | | | | | | | | | | | |
| January | 0 | 0·5 | 0·7 | 0·7 | 0·7 | 0·7 | 0·6 | 0·5 | 0·4 | 0·3 | 0·2 | 0 | 0 | 5·3 | 9·5 |
| February | 0·1 | 0·8 | 0·9 | 0·8 | 0·9 | 0·8 | 0·8 | 0·7 | 0·6 | 0·6 | 0·5 | 0·3 | 0 | 7·8 | 11·0 |
| March | 0·1 | 0·9 | 0·9 | 1·0 | 0·9 | 0·9 | 0·8 | 0·7 | 0·7 | 0·5 | 0·4 | 0 | 0 | 7·8 | 10·5 |
| April | 0·3 | 0·8 | 1·0 | 0·9 | 0·9 | 0·9 | 0·7 | 0·6 | 0·5 | 0·4 | 0·3 | 0 | 0 | 7·3 | 10·4 |
| May | 0·5 | 0·7 | 0·9 | 0·9 | 0·8 | 0·7 | 0·7 | 0·6 | 0·5 | 0·4 | 0·3 | 0·2 | 0 | 7·2 | 11·4 |
| June | 0·3 | 0·4 | 0·5 | 0·4 | 0·4 | 0·4 | 0·4 | 0·3 | 0·2 | 0·1 | 0·1 | 0·1 | 0 | 3·6 | 9·8 |
| July | 0·2 | 0·4 | 0·5 | 0·5 | 0·4 | 0·3 | 0·3 | 0·2 | 0·1 | 0·1 | 0·1 | 0 | 0 | 3·1 | 9·0 |
| August | 0·2 | 0·5 | 0·5 | 0·6 | 0·5 | 0·5 | 0·4 | 0·4 | 0·3 | 0·2 | 0·2 | 0·1 | 0 | 4·4 | 9·9 |
| September | 0·1 | 0·6 | 0·8 | 0·9 | 0·8 | 0·7 | 0·5 | 0·4 | 0·4 | 0·3 | 0·1 | 0 | 0 | 5·6 | 8·7 |
| October | 0·1 | 0·4 | 0·6 | 0·7 | 0·7 | 0·6 | 0·5 | 0·5 | 0·5 | 0·3 | 0·3 | 0·1 | 0 | 5·3 | 10·9 |
| November | 0 | 0·4 | 0·6 | 0·6 | 0·5 | 0·5 | 0·4 | 0·4 | 0·4 | 0·4 | 0·3 | 0·1 | 0 | 4·6 | 10·3 |
| December | 0 | 0·3 | 0·7 | 0·7 | 0·6 | 0·5 | 0·5 | 0·5 | 0·3 | 0·3 | 0·2 | 0·1 | 0 | 4·7 | 9·9 |
| *Year* | 0·2 | 0·6 | 0·7 | 0·7 | 0·7 | 0·6 | 0·5 | 0·5 | 0·4 | 0·3 | 0·3 | 0·1 | 0 | 5·6 | 11·4 |

# Table VII-A.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 station during each month and the year 1948.

| Station, Latitude and Longitude. | Month. | Bright sunshine. | | | | | | | | | | | Nocturnal radiation temperature (1½″ above ground). | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of days with duration. | | | | | Total hours for the month or year. | Percentage of possible hours of sunshine in the month or year. | Duration in the month or year. | | | | Mean Minimum. | Departure from normal. | Lowest in the month or year. | Date. | Mean depression below the Minimum in shade. | Departure from normal. |
| | | | | | | | | | Maximum. | | Minimum. | | | | | | | |
| | | *Nil* or trace. | 0·1 to 3 hours. | 3·1 to 6 hours. | 6·1 to 9 hours. | Above 9 hours. | | | Hour. | Date. | Hour. | Date. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| CALCUTTA— Lat. 22° 32′ N. Long. 88° 20′ E. | January | 0 | 2 | 2 | 6 | 21 | 262·9 | 78 | 10·0 | 26 | 1·9 | 25 | 54·4 | +5·8 | 49·2 | 13 | 4·3 | — |
| | February | 0 | 1 | 5 | 3 | 20 | 249·0 | 75 | 10·9 | 24, 26, 29 | 2·6 | 6 | 57·9 | +4·4 | 47·0 | 8 | 5·2 | — |
| | March | 0 | 0 | 3 | 4 | 24 | 279·1 | 75 | 10·6 | 1 | 4·3 | 14 | 64·4 | +1·0 | 52·9 | 18 | 4·8 | — |
| | April | 0 | 0 | 0 | 6 | 24 | 290·1 | 76 | 11·3 | 27 | 6·2 | 29 | 72·9 | +1·5 | 67·8 | 26 | 4·6 | + |
| | May | 0 | 2 | 3 | 12 | 14 | 250·5 | 61 | 11·3 | 13 | 0·5 | 23 | 76·2 | +1·5 | 69·3 | 2 | 2·8 | + |
| | June | 2 | 8 | 8 | 6 | 6 | 160·3 | 39 | 10·6 | 7 | 0 | 26 | 78·5 | +1·8 | 72·8 | 6 | 2·3 | + |
| | July | 4 | 8 | 11 | 5 | 3 | 136·2 | 33 | 11·5 | 1,26 | 0 | 4 days | 77·9 | +1·0 | 75·3 | 23, 29 | 1·8 | + |
| | August | 2 | 11 | 14 | 3 | 1 | 109·9 | 27 | 9·7 | 12 | 0 | 1, 30 | 77·3 | +0·7 | 74·0 | 4 | 1·9 | + |
| | September | 3 | 8 | 7 | 10 | 2 | 137·2 | 37 | 10·0 | 14 | 0 | 1, 2, 11 | 76·7 | +1·1 | 74·8 | 14 | 2·4 | + |
| | October | 1 | 4 | 3 | 9 | 14 | 230·9 | 64 | 10·6 | 26 | 0 | 1 | 71·4 | +1·2 | 62·0 | 27 | 3·2 | — |
| | November | 3 | 6 | 3 | 9 | 9 | 178·2 | 54 | 10·5 | 13 | 0 | 1, 2, 28 | 66·3 | +7·9 | 59·0 | 21 | 3·0 | — |
| | December | 0 | 0 | 0 | 5 | 26 | 293·1 | 88 | 10·0 | 4 days | 7·4 | 4 | 52·1 | +3·5 | 47·8 | 25 | 5·2 | — |
| | *Year* | 15 | 50 | 59 | 78 | 164 | 2577·4 | 59 | 11·5 | VII | 0 | 6 months | 68·8 | +2·6 | 47·0 | II | 3·5 | — |
| ALLAHABAD (BAMRAULI)— Lat. 25° 27′ N. Long. 81° 44′ E. | January | 2 | 6 | 5 | 7 | 9 | (b) 177·2 | 60 | 9·6 | 31 | 0 | 12, 14 | 47·6 | .. | 38·4 | 17 | 4·0 | .. |
| | February | 0 | 2 | 1 | 3 | 23 | 259·8 | 79 | 11·1 | 29 | 1·5 | 13 | 46·7 | .. | 33·5 | 9 | 6·3 | .. |
| | March | 0 | 2 | 0 | 8 | 20 | (a) 260·0 | 72 | 10·5 | 15 | 2·8 | 19 | .. | .. | .. | .. | .. | .. |
| | April | 0 | 0 | 0 | 2 | 26 | (c) 291·4 | 82 | 11·5 | 20 | 8·3 | 5 | .. | .. | .. | .. | .. | .. |
| | May | 0 | 0 | 1 | 6 | 22 | (b) 287·2 | 72 | 11·6 | 17 | 5·6 | 20 | .. | .. | .. | .. | .. | .. |
| | June | 0 | 6 | 2 | 12 | 10 | 203·7 | 50 | 11·3 | 15 | 0·2 | 28 | .. | .. | .. | .. | .. | .. |
| | July | 2 | 11 | 11 | 5 | 2 | 133·7 | 32 | 11·1 | 1 | 0 | 11 | .. | .. | .. | .. | .. | .. |
| | August | 4 | 9 | 5 | 10 | 3 | 144·5 | 36 | 10·6 | 8 | 0 | 4 days | .. | .. | .. | .. | .. | .. |
| | September | 2 | 7 | 10 | 6 | 5 | 147·2 | 40 | 9·8 | 19, 30 | 0 | 15, 16 | .. | .. | .. | .. | .. | .. |
| | October | 0 | 0 | 3 | 7 | 21 | 276·1 | 77 | 10·4 | 11, 27 | 3·1 | 14 | .. | .. | .. | .. | .. | .. |
| | November | 1 | 3 | 1 | 2 | 18 | (c) 206·4 | 76 | 10·1 | 29 | 0 | 22 | 54·7 | .. | 44·5 | 17, 19 | 4·3 | .. |
| | December | 0 | 1 | 0 | 3 | 24 | (c) 256·7 | 83 | 9·8 | 9 | 1·6 | 28 | 43·9 | .. | 37·0 | 14 | 5·6 | .. |
| | *Year* | 11 | 47 | 39 | 71 | 183 | 2643·9 | 63 | 11·6 | V | 0 | 5 months | .. | .. | .. | .. | .. | .. |
| NEW DELHI— Lat. 28° 35′ N. Long. 77° 12′ E. | January | 1 | 4 | 4 | 7 | 15 | 229·5 | 70 | 10·2 | 30, 31 | 0 | 19 | 42·0 | .. | 30·0 | 17 | 5·7 | .. |
| | February | 1 | 1 | 5 | 5 | 17 | 240·4 | 74 | 10·9 | 29 | 0·8 | 20 | 42·5 | .. | 30·2 | 9 | 7·4 | .. |
| | March | 1 | 4 | 1 | 12 | 13 | 229·3 | 61 | 10·3 | 3 | 0 | 9 | 49·7 | .. | 38·5 | 16 | 7·9 | .. |
| | April | 0 | 0 | 0 | 8 | 22 | 291·5 | 76 | 11·6 | 23 | 6·3 | 10 | 64·5 | .. | 51·0 | 8 | 7·8 | .. |
| | May | 0 | 0 | 1 | 5 | 25 | 309·3 | 73 | 12·0 | 18 | 5·7 | 10 | 66·6 | .. | 62·0 | 3 | 13·9 | .. |
| | June | 1 | 1 | 5 | 9 | 14 | 248·0 | 59 | 11·9 | 12 | 0 | 10 | 77·9 | .. | 66·0 | 5 | 6·5 | .. |
| | July | 1 | 8 | 6 | 10 | 6 | 170·3 | 40 | 11·2 | 1 | 0 | 18 | 74·9 | .. | 66·9 | 28 | 5·2 | .. |
| | August | 4 | 8 | 12 | 6 | 1 | 114·0 | 28 | 9·1 | 26 | 0 | 4 days | .. | .. | .. | .. | .. | .. |
| | September | 1 | 4 | 1 | 13 | 11 | 226·5 | 61 | 9·9 | 27 | 0 | 7 | 71·3 | .. | 60·5 | 29, 30 | 4·5 | .. |
| | October | 0 | 0 | 1 | 8 | 22 | 286·2 | 80 | 10·7 | 18 | 4·9 | 31 | 62·2 | .. | 48·6 | 26 | 6·4 | .. |
| | November | 0 | 0 | 0 | 2 | 28 | 294·2 | 91 | 10·7 | 13 | 7·0 | 22 | 43·5 | .. | 35·0 | 19 | 8·3 | .. |
| | December | 1 | 0 | 2 | 12 | 16 | 254·6 | 79 | 9·9 | 12 | 0 | 5 | 38·8 | .. | 32·0 | 12, 13 | 6·3 | .. |
| | *Year* | 11 | 30 | 38 | 97 | 190 | 289·3 | 66 | 12·0 | V | 0 | 7 months | .. | .. | 30·0 | I | .. | .. |

(a) Mean of 30 days.
(b) Mean of 29 days.
(c) Mean of 28 days.

# Table VII-A.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 stations during each month and the year 1948.

| Station, Latitude and Longitude. | Month. | Bright sunshine. No. of days with duration. Nil or trace. | 0·1 to 3 hours. | 3·1 to 6 hours. | 6·1 to 9 hours. | Above 9 hours. | Total hours for the month or year. | Percentage of possible hours of sunshine in the month or year. | Duration in the month or year. Maximum. Hour. | Maximum. Date. | Minimum. Hour. | Minimum. Date. | Nocturnal radiation temperature (1½" above ground). Mean Minimum. | Departure from normal. | Lowest in the month or year. | Date. | Mean depression below the Minimum in shade. | Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| SRINAGAR— Lat. 34° 05′ N. Long. 74° 50′ E. | January | 17 | 10 | 4 | 0 | 0 | 29·3 | 9 | 5·1 | 25 | 0·2 | 19 | 22·3 | .. | 10·8 | 15 | 4·2 | .. |
| | February | 16 | 8 | 2 | 2 | 1 | 39·1 | 13 | 9·3 | 28 | 0·1 | 16 | 25·1 | .. | 13·2 | 9 | 4·7 | .. |
| | March | 8 | 9 | 8 | 3 | 3 | 103·2 | 28 | 11·1 | 31 | 0·3 | 6 | 31·8 | .. | 26·9 | 13 | 3·4 | .. |
| | April | 3 | 6 | 12 | 5 | 4 | 132·1 | 34 | 10·5 | 15 | 0·3 | 2 | 43·1 | .. | 34·3 | 1 | 6·1 | .. |
| | May | 3 | 3 | 5 | 5 | 15 | 229·0 | 53 | 12·3 | 21 | 1·0 | 9 | 47·1 | .. | 41·1 | 2 | 7·9 | .. |
| | June | 4 | 5 | 6 | 11 | 4 | 170·3 | 40 | 12·1 | 1 | 0·2 | 4 | 51·2 | .. | 47·0 | 12 | 3·5 | .. |
| | July | 4 | 3 | 4 | 10 | 10 | 210·5 | 48 | 12·3 | 15 | 0·2 | 5 | 55·5 | .. | 46·6 | 15 | 9·0 | .. |
| | August | 3 | 5 | 4 | 9 | 10 | 204·3 | 49 | 12·1 | 15 | 0·6 | 11 | 59·5 | .. | 53·1 | 31 | 5·8 | .. |
| | September | 0 | 0 | 1 | 12 | 17 | 266·5 | 72 | 10·6 | 4 | 4·4 | 11 | 46·9 | .. | 33·7 | 1 | 12·4 | .. |
| | October | 0 | 1 | 3 | 7 | 20 | 263·0 | 75 | 10·2 | 26 | 0·4 | 19 | 35·8 | .. | 25·7 | 31 | 7·1 | .. |
| | November | 0 | 1 | 3 | 15 | 11 | 246·1 | 79 | 10·1 | 3 | 2·0 | 20 | 19·1 | .. | 12·2 | 30 | 11·2 | .. |
| | December | 11 | 10 | 6 | 4 | 0 | 73·1 | 24 | 8·1 | 12 | 0·3 | 31 | 26·7 | .. | 21·9 | 31 | 2·9 | .. |
| | *Year* | 69 | 61 | 58 | 83 | 95 | 1768·3 | 40 | 12·3 | V, VII | 0·1 | II | 38·7 | .. | 10·8 | I | 6·5 | .. |
| JODHPUR— Lat. 26° 18′ N. Long. 73° 01′ E. | January | 0 | 3 | 1 | 5 | 22 | 267·7 | 72 | 10·5 | 29, 30, 31 | 0·1 | 17 | 48·5 | .. | 38·0 | 2 | 2·2 | .. |
| | February | 0 | 2 | 1 | 6 | 20 | 255·9 | 78 | 11·1 | 29 | 0·6 | 26 | 51·0 | .. | 37·0 | 5 | 3·0 | .. |
| | March | 0 | 3 | 3 | 6 | 19 | 254·3 | 69 | 10·6 | 1 | 0·1 | 9 | 60·7 | .. | 44·8 | 14 | 3·0 | .. |
| | April | 0 | 0 | 1 | 5 | 24 | 306·6 | 80 | 12·0 | 29 | 5·1 | 10 | 69·3 | .. | 56·0 | 7 | 4·2 | .. |
| | May | 0 | 0 | 0 | 1 | 30 | 342·5 | 85 | 12·2 | 17, 18 | 9·0 | 11 | 75·4 | .. | 68·5 | 30 | 6·4 | .. |
| | June | 0 | 0 | 4 | 5 | 21 | 286·2 | 69 | 11·7 | 6, 11 | 4·9 | 30 | 81·2 | .. | 70·9 | 24 | 3·3 | .. |
| | July | 2 | 6 | 5 | 8 | 11 | 190·9 | 45 | 10·5 | 2 | 0 | 27, 28 | 79·0 | .. | 70·0 | 31 | 2·6 | .. |
| | August | 3 | 6 | 8 | 5 | 9 | 175·6 | 43 | 11·6 | 10 | 0 | 1, 3, 12 | 73·8 | .. | 60·0 | 10 | 5·2 | .. |
| | September | 0 | 1 | 0 | 11 | 17 | 251·9 | 71 | 9·8 | 7 days | 0·9 | 24 | (h) 72·6 | .. | 65·4 | 16 | 3·1 | .. |
| | October | 0 | 0 | 0 | 3 | 28 | 304·6 | 85 | 10·7 | 25 | 8·5 | 15 | (k) 64·3 | .. | 52·4 | 25 | 5·9 | .. |
| | November | 0 | 1 | 0 | 2 | 27 | 294·9 | 90 | 10·5 | 5 days | 2·8 | 21 | (c) 54·5 | .. | 48·0 | 27 | 3·9 | .. |
| | December | 0 | 0 | 1 | 6 | 24 | 287·3 | 88 | 10·1 | 1, 9 | 4·3 | 5 | 48·2 | .. | 39·0 | 11 | 3·9 | .. |
| | *Year* | 5 | 22 | 24 | 63 | 252 | 3218·4 | 73 | 12·2 | V | 0 | VII, VIII | 64·9 | .. | 37·0 | II | 3·9 | .. |
| JAIPUR— Lat. 26° 55′ N. Long. 75° 50′ E. | January | 1 | 4 | 3 | 6 | 17 | 240·3 | 73 | 10·9 | 31 | 0 | 19 | 43·6 | +7·1 | 28·2 | 16 | 5·4 | —5·0 |
| | February | 0 | 3 | 3 | 7 | 16 | 244·2 | 75 | 11·6 | 29 | 1·8 | 26 | 45·2 | +5·2 | 27·2 | 7 | 5·8 | —4·6 |
| | March | 0 | 4 | 2 | 3 | 22 | 271·9 | 73 | 11·6 | 27 | 0·3 | 9 | .. | .. | .. | .. | .. | .. |
| | April | 0 | 0 | 0 | 4 | 26 | 304·5 | 79 | 11·5 | 19 | 7·0 | 5 | .. | .. | .. | .. | .. | .. |
| | May | 0 | 0 | 0 | 7 | 24 | 316·6 | 76 | 12·0 | 17 | 6·8 | 30 | 71·7 | +2·9 | 60·5 | 18 | 8·4 | +0·5 |
| | June | 4 | 5 | 4 | 3 | 14 | 190·1 | 46 | 12·0 | 9 | 0 | 4 days | 78·5 | +2·6 | 70·1 | 20 | 4·7 | +0·3 |
| | July | 3 | 16 | 5 | 4 | 3 | 96·4 | 23 | 10·5 | 4 | 0 | 12, 22, 27 | 76·4 | +1·2 | 73·0 | 21, 27 | 2·9 | —0·1 |
| | August | 5 | 10 | 7 | 7 | 2 | 123·2 | 30 | 11·7 | 16 | 0 | 5 days | 73·8 | +1·1 | 70·4 | 25 | 2·5 | —0·7 |
| | September | 0 | 4 | 3 | 3 | 20 | 242·7 | 66 | 10·8 | 28 | 0·1 | 8 | 68·7 | +1·2 | 63·0 | 16 | 4·9 | —0·2 |
| | October | 0 | 0 | 0 | 6 | 25 | 302·6 | 87 | 11·0 | 25 | 7·3 | 1 | 61·6 | +6·6 | 46·5 | 26 | 6·6 | —2·5 |
| | November | 0 | 1 | 2 | 2 | 25 | 285·1 | 88 | 10·5 | 6 days | 2·8 | 22 | 44·7 | +1·6 | 36·4 | 17 | 9·8 | —0·8 |
| | December | 0 | 0 | 1 | 3 | 27 | 295·8 | 91 | 10·1 | 4 days | 5·0 | 5 | 39·2 | +2·5 | 29·3 | 12 | 9·9 | —0·8 |
| | *Year* | 13 | 47 | 30 | 55 | 221 | 2912·9 | 67 | 12·0 | V, VI | 0 | 4 months | .. | .. | .. | .. | .. | .. |

(h) Mean of 23 days.
(k) Mean of 20 days.
(c) Mean of 28 days.

# Table VII-A.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 stati during each month and the year 1948.

| Station, Latitude and Longitude. | Month. | Bright sunshine. | | | | | | | | | | | Nocturnal radiation temperature (1½" above ground | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of days with duration. | | | | | Total hours for the month or year. | Percentage of possible hours of sunshine in the month or year. | Duration in the month or year. | | | | Mean Minimum. | Departure from normal. | Lowest in the month or year. | Date. | Mean depression below the Minimum in shade. |
| | | | | | | | | | Maximum. | | Minimum. | | | | | | |
| | | Nil or trace. | 0·1 to 3 hours. | 3·1 to 6 hours. | 6·1 to 9 hours. | Above 9 hours. | | | Hour. | Date. | Hour. | Date. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| NAGPUR— Lat. 21° 09′ N. Long. 79° 07′ E. | January | 2 | 1 | 5 | 6 | 17 | 229·1 | 53 | 10·2 | 11 | 0 | 18, 24 | .. | .. | .. | .. | .. |
| | February* | 0 | 0 | 0 | 6 | 22 | 277·9 | 71 | 10·9 | 1 | 7·5 | 14 | .. | .. | .. | .. | .. |
| | March | 0 | 0 | 1 | 4 | 26 | 293·3 | 68 | 10·7 | 3 | 6·9 | 26 | .. | .. | .. | .. | .. |
| | April† | 0 | 0 | 4 | 10 | 15 | 248·4 | 61 | 11·5 | 30 | 3·9 | 17 | .. | .. | .. | .. | .. |
| | May‡ | 0 | 0 | 0 | 6 | 24 | 312·8 | 77 | 12·1 | 31 | 6·8 | 11 | .. | .. | .. | .. | .. |
| | June | 4 | 8 | 6 | 6 | 6 | 144·7 | 34 | 11·9 | 3 | 0 | 4 days | .. | .. | .. | .. | .. |
| | July | 7 | 15 | 4 | 5 | 0 | 72·1 | 17 | 8·7 | 14 | 0 | 7 days | .. | .. | .. | .. | .. |
| | August | 10 | 10 | 3 | 7 | 1 | 80·3 | 19 | 9·5 | 2 | 0 | 10 days | .. | .. | .. | .. | .. |
| | September | 5 | 8 | 6 | 11 | 0 | 120·7 | 29 | 8·0 | 22 | 0 | 5 days | .. | .. | .. | .. | .. |
| | October | 0 | 0 | 0 | 11 | 20 | 282·8 | 65 | 10·4 | 28 | 6·8 | 20 | .. | .. | .. | .. | .. |
| | November | 2 | 6 | 7 | 5 | 10 | 174·3 | 41 | 10·0 | 29 | 0 | 23, 24 | .. | .. | .. | .. | .. |
| | December | 0 | 0 | 0 | 4 | 27 | 295·7 | 68 | 10·0 | 31 | 8·7 | 20 | .. | .. | .. | .. | .. |
| | *Year* | 30 | 48 | 36 | 81 | 168 | 2532·1 | 50 | 12·1 | V | 0 | 6 months | .. | .. | .. | .. | .. |
| BOMBAY— Lat. 18° 54′ N. Long. 72° 49′ E. | January‡ | 2 | 4 | 1 | 1 | 22 | 235·6 | 68 | 9·9 | 8, 25 | 0 | 18, 22 | 61·8 | +3·0 | 51·2 | 4 | 6·6 |
| | February | 0 | 0 | 0 | 2 | 27 | 277·3 | 83 | 10·2 | 11, 28 | 4·7 | 4 | 60·6 | +0·7 | 48·5 | 7 | 9·2 |
| | March | 0 | 0 | 0 | 3 | 28 | 296·9 | 80 | 10·2 | 20 | 8·6 | 28, 29 | 64·9 | —0·5 | 56·8 | 15 | 8·7 |
| | April | 0 | 0 | 0 | 3 | 27 | 294·8 | 78 | 10·8 | 19 | 8·2 | 12 | 69·5 | —1·6 | 64·5 | 9 | 8·3 |
| | May | 0 | 0 | 0 | 5 | 26 | 302·6 | 75 | 11·2 | 31 | 6·2 | 3 | 75·1 | —1·3 | 70·5 | 1 | 6·6 |
| | June | 5 | 5 | 6 | 7 | 7 | 160·7 | 40 | 11·4 | 4 | 0 | 5 days | 77·4 | +0·6 | 72·6 | 14 | 3·2 |
| | July | 14 | 11 | 3 | 3 | 0 | 47·2 | 12 | 7·1 | 6 | 0 | 14 days | 77·0 | +1·7 | 73·4 | 17 | 1·3 |
| | August‡ | 10 | 11 | 7 | 3 | 0 | 67·1 | 17 | 7·2 | 3 | 0 | 10 days | 75·8 | +1·4 | 74·0 | 3 | 1·7 |
| | September | 8 | 2 | 8 | 12 | 0 | 136·7 | 37 | 8·8 | 8 | 0 | 8 days | 74·2 | +0·8 | 71·2 | 17 | 1·6 |
| | October | 0 | 0 | 6 | 11 | 14 | 251·3 | 69 | 10·7 | 19 | 3·4 | 2 | 73·4 | +2·8 | 70·0 | 4 | 3·7 |
| | November | 1 | 3 | 2 | 7 | 17 | 235·5 | 70 | 10·3 | 12, 24 | 0 | 22 | 69·4 | +4·5 | 62·3 | 29 | 6·4 |
| | December | 0 | 0 | 0 | 2 | 29 | 302·8 | 81 | 10·3 | 1, 2 | 7·6 | 23 | 60·8 | +0·3 | 55·4 | 16 | 9·7 |
| | *Year* | 40 | 36 | 33 | 59 | 197 | 2608·5 | 58 | 11·4 | VI | 0 | 6 months | 70·0 | +1·0 | 48·5 | II | 5·6 |
| POONA— Lat. 18° 32′ N. Long. 73° 51′ E. | January‡ | 2 | 3 | 2 | 8 | 15 | 217·0 | 65 | 10·1 | 6, 9 | 0 | 18 | 54·1 | .. | 41·1 | 6 | 4·6 |
| | February | 0 | 0 | 1 | 1 | 27 | 287·2 | 86 | 10·6 | 28 | 5·6 | 1 | 50·6 | .. | 39·6 | 7 | 6·0 |
| | March | 0 | 0 | 0 | 7 | 24 | 304·6 | 82 | 10·5 | 17 | 8·6 | 5 | 54·6 | .. | 42·3 | 14 | 7·5 |
| | April | 0 | 0 | 1 | 5 | 24 | 300·5 | 80 | 11·4 | 18, 19, 23 | 3·9 | 16 | 63·6 | .. | 57·0 | 7 | 6·9 |
| | May‡ | 0 | 1 | 1 | 2 | 26 | 307·2 | 76 | 11·6 | 20, 23, 29 | 1·3 | 25 | 68·9 | .. | 60·8 | 8 | 4·9 |
| | June | 3 | 8 | 4 | 6 | 9 | 175·0 | 44 | 12·0 | 2, 4 | 0 | 15, 26, 27 | 70·5 | .. | 67·0 | 15 | 3·3 |
| | July | 7 | 11 | 8 | 4 | 1 | 83·7 | 21 | 9·9 | 6 | 0 | 7 days | 69·8 | .. | 68·1 | 4 | 2·5 |
| | August | 3 | 14 | 9 | 4 | 1 | 102·2 | 26 | 10·0 | 2 | 0 | 14, 20, 28 | 68·4 | .. | 64·5 | 11 | 2·6 |
| | September | 3 | 4 | 12 | 9 | 2 | 144·3 | 39 | 9·8 | 26, 30 | 0 | 9, 20, 21 | 65·2 | .. | 61·0 | 19 | 4·2 |
| | October | 0 | 1 | 6 | 9 | 15 | 245·6 | 68 | 11·0 | 27 | 3·0 | 23 | 65·3 | .. | 58·9 | 31 | 3·5 |
| | November | 1 | 5 | 6 | 14 | 4 | 184·6 | 55 | 9·7 | 30 | 0 | 22 | 61·1 | .. | 55·6 | 30 | 6·3 |
| | December | 0 | 0 | 0 | 4 | 27 | 294·1 | 86 | 10·2 | 15 | 8·1 | 5, 25 | 47·6 | .. | 39·2 | 16 | 5·3 |
| | *Year* | 19 | 47 | 50 | 73 | 175 | 2646·0 | 60 | 12·0 | VI | 0 | 6 months | 61·5 | .. | 39·2 | XII | 4·8 |

* Observations of bright sunshine for 28 days.
† Observations of bright sunshine for 29 days.
‡ Observations of bright sunshine for 30 days.

# Table VII-A.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 stations during each month and the year 1948.

| Station, Latitude and Longitude. | Month. | Bright sunshine. No. of days with duration. Nil or trace. | 0·1 to 3 hours. | 3·1 to 6 hours. | 6·1 to 9 hours. | Above 9 hours. | Total hours for the month or year. | Percentage of possible hours of sunshine in the month or year. | Duration in the month or year. Maximum. Hour. | Maximum. Date. | Minimum. Hour. | Minimum. Date. | Nocturnal radiation temperature (1½″ above ground). Mean Minimum. | Departure from normal. | Lowest in the month or year. | Date. | Mean depression below the Minimum in shade. | Departure from normal. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| BANGALORE— Lat. 12° 58′ N. Long. 77° 35′ E. | January | 2 | 0 | 1 | 21 | 7 | 240·0 | 68 | 10·0 | 31 | 0 | 7, 18 | 59·1 | +4·3 | 54·0 | 12 | 1·9 | —1·0 |
| | February | 0 | 0 | 1 | 7 | 21 | 271·7 | 80 | 10·7 | 27 | 6·0 | 6 | 58·5 | +1·9 | 51·2 | 24 | 5·1 | +1·5 |
| | March | 0 | 0 | 1 | 3 | 27 | 298·0 | 80 | 10·6 | 1, 10, 11 | 4·1 | 31 | 62·5 | +2·3 | 55·7 | 2 | 3·6 | —0·6 |
| | April | 0 | 0 | 5 | 9 | 16 | 258·6 | 69 | 11·1 | 17 | 4·6 | 12 | 67·4 | +0·9 | 62·0 | 11 | 3·1 | +0·4 |
| | May | 0 | 1 | 3 | 15 | 12 | 257·4 | 65 | 10·8 | 22 | 2·4 | 1 | 67·8 | +0·4 | 62·1 | 5 | 1·4 | —0·1 |
| | June | 0 | 12 | 6 | 7 | 5 | 149·7 | 39 | 10·8 | 3 | 0·3 | 30 | 66·8 | +0·9 | 63·9 | 4 | 1·0 | +0·1 |
| | July | 3 | 16 | 7 | 4 | 1 | 86·9 | 22 | 9·7 | 1 | 0 | 14, 16, 19 | 65·6 | +0·5 | 64·2 | 5 | 1·2 | +0·4 |
| | August | 1 | 14 | 9 | 6 | 1 | 109·4 | 28 | 9·1 | 31 | 0 | 9 | 65·3 | +0·5 | 63·2 | 15 | 1·1 | +0·2 |
| | September | 0 | 7 | 11 | 10 | 2 | 157·0 | 43 | 9·4 | 24 | 0·6 | 5 | 64·1 | —0·3 | 60·9 | 29 | 1·9 | +0·9 |
| | October | 0 | 8 | 4 | 11 | 8 | 198·5 | 54 | 10·4 | 24, 29 | 0·8 | 1 | 63·0 | +0·1 | 52·0 | 30 | 2·8 | +0·7 |
| | November | 2 | 4 | 10 | 11 | 3 | 172·3 | 50 | 9·8 | 21 | 0 | 16, 17 | 63·5 | +4·4 | 59·2 | 1 | 2·4 | —0·3 |
| | December | 0 | 2 | 4 | 18 | 7 | 220·5 | 63 | 9·7 | 8 | 0·5 | 20 | 56·8 | +1·4 | 50·4 | 14 | 2·4 | —0·4 |
| | *Year* | 8 | 64 | 62 | 122 | 110 | 2420·0 | 55 | 11·1 | IV | 0 | 4 months | 63·4 | +1·5 | 50·4 | XII | 2·3 | +0·1 |
| TRIVANDRUM— Lat. 8° 29′ N. Long. 76° 57′ E. | January | 1 | 1 | 6 | 10 | 13 | 245·3 | 68 | 11·0 | 5 | 0 | 31 | .. | .. | .. | .. | .. | .. |
| | February | 0 | 0 | 1 | 1 | 27 | 289·6 | 84 | 11·1 | 9, 10 | 4·9 | 1 | .. | .. | .. | .. | .. | .. |
| | March | 0 | 2 | 1 | 10 | 18 | 265·5 | 71 | 10·8 | 2 | 1·0 | 26 | .. | .. | .. | .. | .. | .. |
| | April | 0 | 2 | 5 | 10 | 13 | 233·8 | 63 | 10·9 | 10 | 2·4 | 13 | .. | .. | .. | .. | .. | .. |
| | May | 0 | 3 | 6 | 17 | 5 | 211·9 | 55 | 10·8 | 21 | 0·5 | 3 | .. | .. | .. | .. | .. | .. |
| | June | 4 | 10 | 5 | 7 | 4 | 118·8 | 31 | 11·6 | 6 | 0 | 4 days | .. | .. | .. | .. | .. | .. |
| | July | 2 | 11 | 7 | 7 | 4 | 152·3 | 39 | 11·5 | 30 | 0 | 6, 18 | .. | .. | .. | .. | .. | .. |
| | August | 0 | 9 | 5 | 11 | 6 | 182·0 | 47 | 10·2 | 15, 16 | 0·7 | 13 | .. | .. | .. | .. | .. | .. |
| | September | 1 | 3 | 3 | 10 | 13 | 233·6 | 64 | 11·0 | 10 | 0 | 23 | .. | .. | .. | .. | .. | .. |
| | October | 0 | 5 | 7 | 8 | 11 | 209·6 | 57 | 10·9 | 8 | 0·4 | 3, 18 | .. | .. | .. | .. | .. | .. |
| | November | 1 | 5 | 5 | 10 | 9 | 197·4 | 56 | 10·5 | 23 | 0 | 16 | .. | .. | .. | .. | .. | .. |
| | December | 0 | 2 | 10 | 13 | 6 | 209·1 | 58 | 11·3 | 7 | 2·3 | 24, 31 | .. | .. | .. | .. | .. | .. |
| | *Year* | 9 | 53 | 61 | 114 | 129 | 2548·9 | 58 | 11·6 | VI | 0 | 5 months | .. | .. | .. | .. | .. | .. |
| MADRAS— Lat. 13° 04′ N. Long. 80° 15′ E. | January | 2 | 1 | 0 | 6 | 22 | 272·4 | 77 | 11·1 | 28 | 0 | 5, 17 | 67·0 | +1·6 | 61·0 | 11 | 2·8 | +0·2 |
| | February | 0 | 0 | 0 | 4 | 25 | 300·9 | 89 | 11·3 | 27 | 6·7 | 17 | 67·2 | +1·2 | 60·3 | 3 | 4·2 | +1·6 |
| | March | 0 | 0 | 1 | 2 | 28 | 318·2 | 85 | 11·2 | 12 | 5·4 | 16 | 70·3 | +0·7 | 61·4 | 5 | 4·0 | +1·7 |
| | April | 0 | 1 | 2 | 2 | 25 | 296·4 | 80 | 11·3 | 11, 17 | 2·8 | 12 | 75·1 | —0·8 | 67·2 | 4 | 3·2 | +1·6 |
| | May | 0 | 1 | 3 | 5 | 22 | 293·4 | 74 | 11·5 | 27 | 1·3 | 5 | 82·0 | +2·3 | 75·2 | 6 | 1·8 | +0·4 |
| | June | 1 | 2 | 6 | 13 | 8 | 211·1 | 55 | 11·0 | 4 | 0 | 23 | 81·2 | +1·1 | 74·4 | 23 | 2·4 | +1·4 |
| | July | 4 | 5 | 9 | 8 | 5 | 152·0 | 38 | 10·4 | 30 | 0 | 4 days | 77·5 | —0·2 | 74·2 | 7 | 2·4 | +1·3 |
| | August | 0 | 9 | 3 | 11 | 8 | 195·4 | 50 | 12·1 | 4 | 0·2 | 7 | 75·4 | —1·2 | 71·5 | 5, 15 | 3·4 | +2·4 |
| | September* | 3 | 3 | 7 | 10 | 2 | 137·4 | 45 | 10·1 | 10 | 0 | 22, 23, 26 | 75·4 | —0·5 | 72·2 | 20 | 2·3 | +1·4 |
| | October | 0 | 4 | 6 | 8 | 13 | 231·8 | 63 | 11·4 | 23 | 1·9 | 18 | 73·5 | —0·2 | 69·2 | 30 | 2·4 | +1·4 |
| | November | 1 | 5 | 1 | 10 | 13 | 222·1 | 64 | 11·0 | 27 | 0 | 17 | 72·7 | +2·2 | 69·5 | 27 | 2·3 | +0·8 |
| | December | 0 | 2 | 7 | 14 | 8 | 225·4 | 64 | 10·8 | 10, 14 | 0·7 | 7 | 67·1 | —0·2 | 61·9 | 6 | 2·7 | +0·9 |
| | *Year* | 11 | 33 | 45 | 93 | 179 | 2856·5 | 65 | 12·1 | VIII | 0 | 5 months | 73·7 | +0·5 | 60·3 | II | 2·8 | +1·2 |

* Observations of bright sunshine for 25 days.

# Table VII-A.—Abstract of hours of bright sunshine and nocturnal radiation temperature at 13 stations during each month and the year 1948.

| Station, Latitude and Longitude. | Month. | Bright sunshine. | | | | | | | | | | | Nocturnal radiation temperature (1½" above ground). | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | No. of days with duration. | | | | | Total hours for the month or year. | Percentage of possible hours of sunshine in the month or year. | Duration in the month or year. | | | | Mean Minimum. | Departure from normal. | Lowest in the month or year. | Date. | Mean depression below the Minimum in shade. | Departure from normal. |
| | | | | | | | | | Maximum. | | Minimum. | | | | | | | |
| | | Nil or trace. | 0·1 to 3 hours. | 3·1 to 6 hours. | 6·1 to 9 hours. | Above 9 hours. | | | Hour. | Date. | Hour. | Date. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| KODAIKANAL— Lat. 10° 14′ N. Long. 77° 28′ E. | January . . | 2 | 6 | 9 | 11 | 3 | 155·4 | 43 | 9·5 | 26 | 0 | 1, 17 | 36·3 | —1·6 | 28·8 | 28 | 10·6 | + |
| | February . . | 0 | 3 | 3 | 11 | 12 | 226·9 | 69 | 11·0 | 25 | 0·2 | 1 | 33·6 | —4·3 | 24·1 | 27 | 14·6 | + |
| | March . . | 0 | 0 | 8 | 10 | 13 | 243·5 | 65 | 10·5 | 20 | 3·4 | 31 | 35·4 | —5·5 | 23·8 | 25 | 14·6 | + |
| | April . . . | 0 | 1 | 7 | 15 | 7 | 218·3 | 59 | 10·4 | 5, 15 | 2·3 | 26 | 41·7 | —3·3 | 32·3 | 7 | 11·7 | + |
| | May . . . | 0 | 3 | 8 | 8 | 12 | 223·4 | 57 | 11·4 | 21, 22 | 1·0 | 12 | 45·3 | —2·3 | 40·6 | 31 | 10·2 | + |
| | June . . . | 3 | 12 | 7 | 6 | 2 | 107·0 | 28 | 9·8 | 6 | 0 | 20, 21, 29 | 49·5 | +0·9 | 41·1 | 2 | 4·8 | + |
| | July . . . | 2 | 13 | 13 | 3 | 0 | 91·4 | 23 | 9·0 | 1 | 0 | 6, 7 | 48·8 | +0·3 | 43·0 | 23 | 3·6 | + |
| | August . . | 2 | 10 | 8 | 9 | 2 | 138·2 | 36 | 9·9 | 18 | 0 | 8, 14 | 49·3 | +1·4 | 38·0 | 4 | 2·6 | — |
| | September . . | 1 | 4 | 12 | 13 | 0 | 164·7 | 45 | 8·7 | 27 | 0 | 18 | 46·2 | —1·2 | 40·2 | 26 | 6·1 | + |
| | October . . | 1 | 9 | 9 | 7 | 5 | 162·9 | 44 | 10·9 | 25 | 0 | 19 | 45·5 | —0·9 | 36·2 | 15 | 5·7 | + |
| | November . . | 3 | 4 | 12 | 7 | 4 | 142·1 | 41 | 10·3 | 1 | 0 | 15, 16, 17 | 44·6 | —0·1 | 34·3 | 26 | 5·2 | + |
| | December . . | 4 | 9 | 4 | 12 | 2 | 147·5 | 41 | 9·9 | 25 | 0 | 4 days | 40·8 | +0·3 | 30·6 | 27 | 7·3 | — |
| | Year . . . | 18 | 74 | 100 | 112 | 62 | 2021·3 | 46 | 11·4 | V | 0 | 3 months | 43·1 | —1·3 | 23·8 | III | 8·1 | + |

# TABLE VIII.—MEAN HOURLY AND EXTREME PRESSURES (IN MB.) AT STATION LEVEL AT 12 STATIONS IN INDIA FOR THE YEAR 1948.

*( READINGS AT EXACT HOURS I. S. T. )*

## Table VIII.—Mean hourly and extreme pressures (in mb.) at station

(Readings at exact

| Month. Hours I. S. T. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | *CALCUTTA | |
| January | 1,017·1 | 1,016·8 | 1,016·6 | 1,016·4 | 1,016·4 | 1,016·9 | 1,017·6 | 1,018·2 | 1,020·0 | 1,019·6 | 1,019·1 | 1,018·1 | 1,017·0 | 1,016·2 |
| February | 1,014·8 | 1,014·5 | 1,014·2 | 1,012·7 | 1,012·8 | 1,014·5 | 1,015·2 | 1,016·0 | 1,016·9 | 1,017·4 | 1,017·1 | 1,016·2 | 1,015·1 | 1,014·0 |
| March | 1,012·0 | 1,011·6 | 1,011·5 | 1,011·4 | 1,010·2 | 1,011·7 | 1,012·6 | 1,013·5 | 1,014·1 | 1,014·2 | 1,014·1 | 1,013·3 | 1,012·3 | 1,011·6 |
| April | 1,008·0 | 1,007·6 | 1,007·4 | 1,007·4 | 1,006·9 | 1,008·3 | 1,008·9 | 1,009·6 | 1,010·1 | 1,010·0 | 1,009·7 | 1,009·1 | 1,008·3 | 1,007·4 |
| May | 1,003·8 | 1,003·5 | 1,002·5 | 1,003·1 | 1,003·6 | 1,004·0 | 1,004·7 | 1,005·3 | 1,005·7 | 1,005·7 | 1,005·4 | 1,004·7 | 1,004·0 | 1,003·4 |
| June | 1,000·9 | 1,000·6 | 1,000·4 | 1,000·3 | 1,000·4 | 1,008·0 | 1,001·4 | 1,001·7 | 1,001·9 | 1,002·0 | 1,001·8 | 1,001·4 | 1,000·8 | 1,000·2 |
| July | 1,001·5 | 1,001·1 | 1,000·9 | 1,000·7 | 1,000·7 | 1,001·0 | 1,001·6 | 1,002·0 | 1,002·4 | 1,002·5 | 1,002·2 | 1,001·9 | 1,001·2 | 1,000·5 |
| August | 1,002·6 | 1,002·0 | 1,001·7 | 1,001·5 | 1,001·6 | 1,001·9 | 1,002·6 | 1,003·0 | 1,003·4 | 1,003·5 | 1,003·2 | 1,002·1 | 1,002·0 | 1,001·3 |
| September | 1,005·7 | 1,005·3 | 1,004·8 | 1,004·0 | 1,004·2 | 1,005·3 | 1,005·8 | 1,006·6 | 1,007·1 | 1,007·1 | 1,006·8 | 1,005·3 | 1,005·2 | 1,004·5 |
| October | 1,011·2 | 1,010·9 | 1,010·3 | 1,010·8 | 1,010·9 | 1,011·4 | 1,012·0 | 1,012·7 | 1,013·0 | 1,013·3 | 1,012·7 | 1,011·8 | 1,011·1 | 1,010·3 |
| November | 1,015·5 | 1,015·2 | 1,015·0 | 1,014·9 | 1,015·0 | 1,015·6 | 1,016·2 | 1,017·0 | 1,017·6 | 1,017·9 | 1,017·4 | 1,016·3 | 1,015·3 | 1,014·5 |
| December | 1,016·8 | 1,016·6 | 1,016·2 | 1,016·1 | 1,015·9 | 1,016·7 | 1,017·4 | 1,018·0 | 1,018·8 | 1,019·0 | 1,018·6 | 1,017·6 | 1,016·3 | 1,015·4 |
| *Year* | 1,009·2 | 1,008·8 | 1,008·5 | 1,008·3 | 1,008·2 | 1,009·0 | 1,009·7 | 1,010·3 | 1,010·9 | 1,011·0 | 1,010·7 | 1,009·8 | 1,009·0 | 1,008·3 |
| | | | | | | | | | | | | | ALLAHABAD | |
| January | 1,005·1 | 1,005·1 | 1,004·7 | 1,004·7 | 1,004·7 | 1,005·1 | 1,005·7 | 1,006·1 | 1,007·1 | 1,007·8 | 1,007·4 | 1,006·8 | 1,005·7 | 1,004·7 |
| February | 1,002·7 | 1,001·3 | 1,001·0 | 1,001·7 | 1,001·7 | 1,002·4 | 1,002·7 | 1,003·0 | 1,004·4 | 1,005·4 | 1,005·1 | 1,004·4 | 1,003·4 | 1,002·4 |
| March | 999·0 | 998·6 | 998·3 | 998·3 | 998·6 | 999·0 | 1,000·3 | 1,001·0 | 1,001·7 | 1,002·0 | 1,001·7 | 1,000·7 | 1,000·0 | 998·6 |
| April | 992·4 | 992·0 | 991·8 | 991·8 | 992·2 | 992·9 | 993·8 | 994·5 | 995·0 | 995·4 | 995·1 | 994·4 | 993·3 | 992·2 |
| May | 987·6 | 987·2 | 987·1 | 987·2 | 987·6 | 988·5 | 989·4 | 990·1 | 990·5 | 990·7 | 990·4 | 989·7 | 988·7 | 987·6 |
| June | 985·7 | 985·4 | 985·1 | 985·2 | 985·4 | 986·3 | 987·1 | 987·6 | 987·9 | 988·1 | 987·8 | 987·2 | 986·3 | 985·4 |
| July | 986·3 | 985·9 | 985·5 | 985·4 | 985·4 | 986·0 | 986·6 | 987·1 | 987·5 | 987·9 | 987·7 | 987·3 | 986·6 | 985·8 |
| August | 988·0 | 987·5 | 987·2 | 987·1 | 987·2 | 987·6 | 988·1 | 988·8 | 989·2 | 989·8 | 989·6 | 989·0 | 988·1 | 987·2 |
| September | 991·9 | 991·5 | 991·2 | 991·1 | 991·3 | 991·8 | 992·4 | 993·2 | 993·6 | 994·0 | 993·7 | 993·1 | 991·9 | 990·9 |
| October | 998·1 | 997·5 | 997·7 | 997·8 | 998·6 | 998·7 | 999·4 | 1,000·1 | 1,000·7 | 1,001·0 | 1,000·5 | 999·5 | 998·5 | 997·6 |
| November | 1,003·4 | 1,003·2 | 1,003·1 | 1,003·0 | 1,003·1 | 1,003·7 | 1,004·4 | 1,005·1 | 1,005·7 | 1,006·3 | 1,005·3 | 1,004·9 | 1,003·9 | 1,003·2 |
| December | 1,004·7 | 1,004·4 | 1,004·2 | 1,004·1 | 1,004·1 | 1,004·5 | 1,005·2 | 1,006·1 | 1,007·0 | 1,007·2 | 1,007·1 | 1,006·1 | 1,004·9 | 1,004·1 |
| *Year* | 995·2 | 995·0 | 994·7 | 994·8 | 995·0 | 995·5 | 996·3 | 996·9 | 997·5 | 997·9 | 997·6 | 996·9 | 995·9 | 995·0 |
| | | | | | | | | | | | | | NEW DELHI | |
| January | 991·3 | 991·0 | 990·8 | 990·5 | 990·5 | 990·5 | 991·1 | 992·0 | 992·7 | 993·7 | 994·0 | 993·5 | 992·2 | 991·1 |
| February | 989·2 | 989·1 | 988·6 | 988·1 | 987·9 | 988·1 | 988·8 | 989·6 | 990·6 | 991·7 | 991·7 | 991·6 | 990·1 | 988·8 |
| March | 986·4 | 986·1 | 985·5 | 985·3 | 985·2 | 985·4 | 986·2 | 987·1 | 988·0 | 988·9 | 988·8 | 988·8 | 987·8 | 986·5 |
| April | 980·2 | 979·8 | 979·5 | 979·3 | 979·5 | 980·1 | 981·0 | 981·9 | 982·5 | 983·1 | 983·1 | 982·7 | 981·7 | 980·2 |
| May | 975·0 | 974·7 | 973·9 | 973·9 | 974·0 | 974·7 | 975·5 | 975·9 | 976·6 | 976·7 | 976·7 | 976·1 | 975·5 | 974·7 |
| June | 972·0 | 972·0 | 971·6 | 971·7 | 972·0 | 972·6 | 973·3 | 973·6 | 973·9 | 974·2 | 974·0 | 973·6 | 972·9 | 972·0 |
| July | 972·0 | 972·1 | 971·5 | 971·4 | 971·4 | 971·8 | 972·4 | 972·7 | 972·9 | 973·9 | 973·4 | 973·1 | 971·7 | 971·1 |
| August | 974·3 | 974·0 | 973·5 | 973·5 | 973·7 | 974·0 | 974·6 | 975·2 | 975·6 | 975·8 | 975·8 | 975·5 | 975·1 | 974·0 |
| September | 978·9 | 978·7 | 978·5 | 978·4 | 978·4 | 978·9 | 979·6 | 979·9 | 980·1 | 981·0 | 981·0 | 980·6 | 979·8 | 978·7 |
| October | 985·0 | 985·0 | 984·7 | 984·6 | 984·7 | 985·1 | 985·9 | 986·1 | 985·6 | 987·4 | 987·3 | 986·8 | 985·6 | 984·3 |
| November | 990·1 | 989·9 | 989·7 | 989·7 | 989·6 | 989·9 | 990·7 | 990·9 | 991·7 | 992·8 | 992·7 | 992·0 | 990·7 | 989·6 |
| December | 991·4 | 991·2 | 990·9 | 990·1 | 990·5 | 990·6 | 991·2 | 991·9 | 991·8 | 993·3 | 993·4 | 992·6 | 991·2 | 990·3 |
| *Year* | 982·2 | 982·0 | 981·6 | 981·4 | 981·5 | 981·8 | 982·5 | 983·1 | 983·5 | 984·4 | 984·3 | 983·9 | 982·9 | 981·8 |

*Hours in this case refer to L.M.T.

## evel at 12 stations in India for the year 1948.

## ıours I. S. T.)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extremes. Highest. | Extremes. Lowest. | Hours (I. S. T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ht.=21 Ft.) | | | | | | | | | | | | | | | |
| 1,015·4 | 1,015·1 | 1,015·2 | 1,015·5 | 1,016·0 | 1,016·7 | 1,017·3 | 1,017·5 | 1,017·5 | 1,017·4 | 1,017·0 | 1,020·6 | 1,015·1 | 1,022·8 | 1,010·8 | January. |
| 1,013·4 | 1,012·9 | 1,013·0 | 1,013·2 | 1,013·8 | 1,014·4 | 1,015·1 | 1,015·3 | 1,015·3 | 1,015·3 | 1,014·7 | 1,017·5 | 1,012·7 | 1,021·8 | 1,008·4 | February. |
| 1,010·5 | 1,010·3 | 1,010·2 | 1,010·4 | 1,010·8 | 1,011·3 | 1,011·8 | 1,012·6 | 1,012·5 | 1,014·2 | 1,012·0 | 1,014·4 | 1,009·7 | 1,019·3 | 1,003·8 | March. |
| 1,006·4 | 1,005·9 | 1,005·7 | 1,005·9 | 1,006·4 | 1,007·2 | 1,007·6 | 1,008·4 | 1,008·3 | 1,008·3 | 1,007·9 | 1,010·1 | 1,005·3 | 1,016·2 | 1,001·6 | April. |
| 1,002·4 | 1,002·0 | 1,001·8 | 1,002·3 | 1,002·8 | 1,003·6 | 1,004·4 | 1,004·7 | 1,004·8 | 1,004·1 | 1,003·8 | 1,005·8 | 1,001·6 | 1,011·3 | 997·5 | May. |
| 999·6 | 999·2 | 998·8 | 998·7 | 999·7 | 1,000·5 | 1,001·1 | 1,001·4 | 1,001·7 | 1,001·3 | 1,000·7 | 1,002·1 | 998·6 | 1,005·8 | 994·7 | June. |
| 1,000·0 | 999·7 | 999·5 | 999·8 | 1,000·4 | 1,001·1 | 1,001·9 | 1,002·2 | 1,002·3 | 1,001·9 | 1,001·3 | 1,003·1 | 999·3 | 1,007·4 | 995·7 | July. |
| 1,000·9 | 1,000·3 | 1,000·2 | 1,000·4 | 1,001·1 | 1,001·8 | 1,002·0 | 1,003·4 | 1,003·5 | 1,003·1 | 1,002·0 | 1,003·9 | 1,000·0 | 1,009·2 | 996·1 | August. |
| 1,003·8 | 1,003·6 | 1,003·6 | 1,003·9 | 1,004·5 | 1,005·4 | 1,006·1 | 1,006·5 | 1,006·5 | 1,006·2 | 1,005·3 | 1,007·2 | 1,003·5 | 1,010·9 | 998·5 | September. |
| 1,009·4 | 1,009·2 | 1,009·5 | 1,009·8 | 1,010·4 | 1,011·5 | 1,011·7 | 1,011·9 | 1,011·9 | 1,011·5 | 1,011·2 | 1,013·3 | 1,009·2 | 1,016·7 | 1,002·6 | October. |
| 1,014·0 | 1,014·0 | 1,014·2 | 1,014·6 | 1,015·2 | 1,015·8 | 1,016·2 | 1,016·4 | 1,016·3 | 1,015·8 | 1,015·7 | 1,017·9 | 1,013·8 | 1,022·1 | 1,011·2 | November. |
| 1,014·9 | 1,014·7 | 1,015·0 | 1,015·4 | 1,015·9 | 1,016·4 | 1,016·9 | 1,017·2 | 1,017·1 | 1,017·1 | 1,016·7 | 1,020·0 | 1,013·7 | 1,022·9 | 1,011·2 | December. |
| 1,007·6 | 1,007·2 | 1,007·2 | 1,007·5 | 1,008·1 | 1,008·8 | 1,009·3 | 1,009·8 | 1,009·8 | 1,009·7 | 1,009·0 | 1,010·9 | 1,006·9 | 1,022·9 | 994·7 | *Year.* |
| BAMRAULI) (Ht.=322 Ft.) | | | | | | | | | | | | | | | |
| 1,004·4 | 1,004·4 | 1,004·4 | 1,004·4 | 1,004·7 | 1,005·1 | 1,005·4 | 1,005·4 | 1,005·4 | 1,005·4 | 1,005·4 | 1,008·1 | 1,003·7 | 1,009·8 | 1,001·0 | January. |
| 1,001·7 | 1,001·3 | 1,001·3 | 1,001·3 | 1,002·0 | 1,002·4 | 1,003·0 | 1,003·0 | 1,003·4 | 1,003·0 | 1,002·7 | 1,005·7 | 1,000·7 | 1,008·8 | 993·5 | February. |
| 997·6 | 997·3 | 997·3 | 997·3 | 997·9 | 998·6 | 999·0 | 999·3 | 999·3 | 999·0 | 999·3 | 1,002·0 | 996·9 | 1,008·1 | 991·5 | March. |
| 991·2 | 990·4 | 990·1 | 990·3 | 990·8 | 991·6 | 992·4 | 992·6 | 992·6 | 992·4 | 992·5 | 995·6 | 989·9 | 1,000·6 | 985·4 | April. |
| 986·6 | 985·9 | 985·3 | 985·3 | 985·9 | 986·6 | 987·3 | 987·9 | 988·1 | 987·9 | 987·9 | 990·9 | 985·1 | 994·7 | 980·9 | May. |
| 984·4 | 983·5 | 983·1 | 983·1 | 983·7 | 984·5 | 985·1 | 985·7 | 985·8 | 985·7 | 985·7 | 988·3 | 982·8 | 992·4 | 979·1 | June. |
| 984·9 | 984·3 | 984·1 | 984·4 | 985·0 | 985·8 | 986·4 | 986·9 | 986·9 | 986·8 | 986·1 | 988·0 | 983·8 | 993·0 | 981·2 | July. |
| 986·2 | 985·6 | 985·5 | 985·8 | 986·6 | 987·5 | 988·3 | 988·6 | 988·6 | 988·3 | 987·7 | 990·0 | 985·3 | 993·9 | 981·1 | August. |
| 989·9 | 989·7 | 989·7 | 990·1 | 990·7 | 991·7 | 992·4 | 992·6 | 992·5 | 992·3 | 991·9 | 994·2 | 989·5 | 999·1 | 984·2 | September. |
| 997·0 | 996·7 | 996·7 | 997·0 | 997·9 | 998·7 | 998·8 | 998·9 | 998·8 | 998·5 | 998·2 | 1,001·2 | 996·2 | 1,004·7 | 990·6 | October. |
| 1,002·6 | 1,002·5 | 1,002·5 | 1,002·9 | 1,003·3 | 1,003·8 | 1,003·8 | 1,003·9 | 1,003·9 | 1,003·8 | 1,003·9 | 1,006·3 | 1,002·2 | 1,010·6 | 999·5 | November. |
| 1,003·6 | 1,003·5 | 1,003·4 | 1,003·8 | 1,004·3 | 1,004·7 | 1,005·1 | 1,005·2 | 1,005·2 | 1,004·9 | 1,004·9 | 1,007·6 | 1,003·1 | 1,011·5 | 998·4 | December. |
| ·994·2 | 993·8 | 993·6 | 993·8 | 994·4 | 995·1 | 995·6 | 995·8 | 995·9 | 995·7 | 995·5 | 998·2 | 993·3 | 1,011·5 | 979·1 | *Year.* |
| (Ht.=714 Ft.) | | | | | | | | | | | | | | | |
| 990·3 | 989·7 | 989·4 | 989·2 | 989·7 | 990·1 | 990·8 | 991·3 | 991·5 | 991·5 | 991·7 | 994·1 | 989·2 | 998·0 | 985·1 | January. |
| 987·9 | 987·3 | 987·1 | 987·0 | 987·3 | 988·1 | 988·8 | 989·2 | 989·4 | 989·6 | 989·0 | 992·0 | 986·7 | 995·3 | 980·3 | February. |
| 985·6 | 984·8 | 984·4 | 984·4 | 984·5 | 985·1 | 985·9 | 986·3 | 986·4 | 986·4 | 986·0 | 989·2 | 984·0 | 995·2 | 978·1 | March. |
| 978·8 | 977·7 | 977·1 | 977·0 | 977·1 | 978·0 | 978·6 | 978·5 | 979·9 | 980·0 | 980·0 | 983·5 | 976·9 | 990·7 | 972·0 | April. |
| 973·5 | 973·0 | 972·9 | 972·9 | 972·9 | 973·1 | 974·0 | 974·5 | 974·7 | 974·9 | 974·7 | 977·2 | 972·1 | 981·0 | 969·3 | May. |
| 971·3 | 970·7 | 970·4 | 969·7 | 969·3 | 970·2 | 970·9 | 971·5 | 971·8 | 971·9 | 971·8 | 973·7 | 969·4 | 982·5 | 965·7 | June. |
| 970·8 | 970·4 | 970·0 | 970·7 | 970·3 | 971·1 | 971·7 | 972·3 | 972·9 | 972·0 | 971·9 | 973·9 | 969·5 | 977·7 | 966·7 | July. |
| 973·2 | 972·8 | 972·2 | 972·2 | 972·4 | 973·1 | 973·9 | 974·3 | 974·7 | 974·6 | 974·1 | 975·9 | 972·0 | 978·8 | 970·2 | August. |
| 977·7 | 976·9 | 976·4 | 976·6 | 976·9 | 977·6 | 978·3 | 978·9 | 979·0 | 979·1 | 978·7 | 983·9 | 978·8 | 987·8 | 972·0 | September. |
| 983·2 | 982·6 | 982·3 | 982·4 | 982·9 | 983·7 | 984·5 | 984·9 | 985·1 | 985·2 | 984·8 | 987·4 | 982·3 | 991·7 | 977·0 | October. |
| 988·7 | 988·3 | 988·0 | 988·0 | 988·4 | 989·1 | 989·8 | 990·2 | 990·3 | 990·4 | 989·9 | 992·9 | 988·0 | 996·4 | 984·4 | November. |
| 989·6 | 989·2 | 989·1 | 989·2 | 989·8 | 990·4 | 990·9 | 991·2 | 991·3 | 991·3 | 990·9 | 93·5 | 989·0 | 997·8 | 984·0 | December. |
| 980·9 | 980·3 | 979·9 | 979·9 | 980·1 | 980·8 | 981·5 | 981·9 | 982·3 | 982·2 | 982·0 | 984·8 | 979·8 | 998·0 | 965·7 | *Year.* |

## Table VIII.—Mean hourly and extreme pressures (in mb.) at station

(Readings at exact

| Hours (I. S. T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | JODHPUR |
| January | 990·7 | 990·3 | 990·4 | 990·0 | 990·0 | 990·0 | 990·7 | 991·4 | 992·4 | 992·7 | 992·7 | 992·0 | 991·0 | 990·0 |
| February | 988·7 | 988·7 | 988·0 | 987·7 | 987·7 | 988·0 | 988·7 | 989·3 | 990·3 | 991·0 | 991·0 | 990·3 | 989·0 | 988·0 |
| March | 985·3 | 985·7 | 985·0 | 984·7 | 984·7 | 985·0 | 986·0 | 986·7 | 987·3 | 987·7 | 987·3 | 987·0 | 986·0 | 985·0 |
| April | 981·0 | 980·7 | 980·7 | 980·7 | 980·7 | 981·3 | 982·7 | 983·0 | 983·3 | 983·3 | 983·3 | 982·7 | 981·7 | 981·0 |
| May | 976·0 | 976·0 | 975·7 | 976·0 | 976·3 | 977·0 | 978·0 | 978·3 | 978·7 | 978·7 | 978·3 | 978·0 | 977·3 | 976·3 |
| June | 973·7 | 973·7 | 973·7 | 974·0 | 974·0 | 974·7 | 975·3 | 976·0 | 976·3 | 976·3 | 976·3 | 975·7 | 974·7 | 973·7 |
| July | 971·7 | 971·7 | 971·7 | 971·7 | 971·7 | 972·0 | 973·4 | 974·0 | 974·3 | 974·0 | 974·0 | 973·7 | 973·0 | 971·7 |
| August | 974·7 | 974·3 | 974·0 | 974·0 | 974·0 | 974·7 | 975·0 | 975·7 | 976·0 | 976·3 | 976·3 | 976·0 | 975·3 | 974·7 |
| September | 979·0 | 978·7 | 978·7 | 978·7 | 978·7 | 979·3 | 980·0 | 980·7 | 981·0 | 981·3 | 981·3 | 980·7 | 980·0 | 979·0 |
| October | 984·0 | 984·0 | 984·0 | 984·0 | 984·0 | 984·7 | 985·0 | 986·0 | 986·3 | 986·3 | 986·3 | 985·7 | 984·7 | 983·7 |
| November | 988·8 | 988·8 | 988·5 | 988·5 | 988·8 | 989·2 | 989·8 | 990·5 | 990·9 | 991·2 | 991·2 | 990·5 | 989·5 | 988·5 |
| December | 990·3 | 990·3 | 990·0 | 990·0 | 990·0 | 990·0 | 990·7 | 991·3 | 992·0 | 992·1 | 992·1 | 991·7 | 990·7 | 989·7 |
| *Year* | 982·0 | 981·8 | 981·7 | 981·6 | 981·7 | 982·2 | 982·9 | 983·6 | 984·1 | 984·2 | 984·2 | 983·7 | 982·7 | 981·8 |
| | | | | | | | | | | | | | | VERAVAL |
| January | 1,013·6 | 1,013·4 | 1,013·1 | 1,012·8 | 1,012·7 | 1,012·9 | 1,013·3 | 1,014·1 | 1,014·7 | 1,015·1 | 1,015·2 | 1,014·7 | 1,014·1 | 1,013·1 |
| February | 1,013·0 | 1,012·8 | 1,012·5 | 1,012·1 | 1,011·9 | 1,012·0 | 1,012·4 | 1,013·0 | 1,013·6 | 1,014·1 | 1,014·3 | 1,014·1 | 1,013·5 | 1,012·7 |
| March | 1,010·3 | 1,010·0 | 1,009·6 | 1,009·3 | 1,009·2 | 1,009·4 | 1,009·8 | 1,010·6 | 1,011·1 | 1,011·5 | 1,011·6 | 1,011·5 | 1,010·8 | 1,010·1 |
| April | 1,007·4 | 1,007·1 | 1,006·8 | 1,006·5 | 1,006·6 | 1,006·9 | 1,007·3 | 1,008·0 | 1,008·7 | 1,008·8 | 1,008·8 | 1,008·5 | 1,008·0 | 1,007·3 |
| May | 1,004·8 | 1,004·3 | 1,004·0 | 1,003·8 | 1,003·8 | 1,004·2 | 1,004·0 | 1,005·9 | 1,006·2 | 1,006·5 | 1,006·5 | 1,006·2 | 1,005·7 | 1,005·1 |
| June | 1,001·5 | 1,001·1 | 1,000·7 | 1,000·5 | 1,000·5 | 1,00·8 | 1,001·2 | 1,001·8 | 1,002·2 | 1,002·6 | 1,002·7 | 1,002·6 | 1,002·1 | 1,001·5 |
| July | 1,000·7 | 1,000·3 | 999·8 | 999·6 | 999·5 | 999·6 | 1,000·1 | 1,000·6 | 1,001·0 | 1,001·3 | 1,001·4 | 1,001·3 | 1,001·0 | 1,000·5 |
| August | 1,001·7 | 1,001·2 | 1,000·8 | 1,000·6 | 1,000·5 | 1,000·8 | 1,001·2 | 1,001·8 | 1,002·1 | 1,002·5 | 1,002·7 | 1,002·5 | 1,002·0 | 1,001·4 |
| September | 1,004·7 | 1,004·4 | 1,004·0 | 1,003·8 | 1,003·8 | 1,004·0 | 1,004·5 | 1,005·1 | 1,005·5 | 1,005·8 | 1,006·0 | 1,005·9 | 1,005·4 | 1,004·7 |
| October | 1,009·7 | 1,009·3 | 1,009·0 | 1,008·8 | 1,008·8 | 1,009·2 | 1,009·8 | 1,010·5 | 1,010·9 | 1,011·3 | 1,011·3 | 1,010·8 | 1,010·1 | 1,009·3 |
| November | 1,010·7 | 1,010·4 | 1,010·1 | 1,009·9 | 1,009·8 | 1,010·1 | 1,010·6 | 1,011·4 | 1,011·8 | 1,012·3 | 1,012·3 | 1,012·0 | 1,011·3 | 1,010·4 |
| December | 1,013·4 | 1,013·0 | 1,012·7 | 1,012·5 | 1,012·4 | 1,012·5 | 1,013·0 | 1,013·7 | 1,014·2 | 1,014·7 | 1,014·7 | 1,014·5 | 1,013·7 | 1,012·6 |
| *Year* | 1,007·6 | 1,007·3 | 1,006·9 | 1,006·7 | 1,006·6 | 1,006·9 | 1,007·3 | 1,008·0 | 1,008·5 | 1,008·9 | 1,008·9 | 1,008·7 | 1,008·1 | 1,007·4 |
| | | | | | | | | | | | | | | BAROD |
| January | 1,012·2 | 1,012·2 | 1,011·8 | 1,011·5 | 1,011·5 | 1,011·5 | 1,012·2 | 1,012·8 | 1,013·5 | 1,014·2 | 1,014·2 | 1,013·5 | 1,012·2 | 1,011· |
| February | 1,011·5 | 1,011·2 | 1,010·8 | 1,010·5 | 1,010·5 | 1,010·8 | 1,011·7 | 1,012·2 | 1,012·8 | 1,011·2 | 1,013·5 | 1,012·8 | 1,011·8 | 1,010· |
| March | 1,008·4 | 1,008·1 | 1,007·8 | 1,007·8 | 1,007·8 | 1,008·1 | 1,008·8 | 1,009·8 | 1,010·5 | 1,010·8 | 1,010·8 | 1,010·1 | 1,008·8 | 1,007· |
| April | 1,006·4 | 1,005·1 | 1,005·1 | 1,004·7 | 1,005·1 | 1,005·4 | 1,006·1 | 1,007·1 | 1,007·8 | 1,007·8 | 1,007·8 | 1,007·1 | 1,006·1 | 1,004· |
| May | 1,002·4 | 1,002·0 | 1,002·0 | 1,002·0 | 1,002·0 | 1,002·7 | 1,003·4 | 1,004·4 | 1,004·7 | 1,004·7 | 1,004·4 | 1,003·7 | 1,002·7 | 1,001· |
| June | 1,000·0 | 999·6 | 999·6 | 999·6 | 999·6 | 1,000·0 | 1,000·7 | 1,001·3 | 1,001·7 | 1,001·3 | 1,001·0 | 1,000·7 | 999·6 | 998· |
| July | 999·0 | 998·6 | 998·3 | 998·3 | 997·9 | 998·3 | 999·0 | 999·6 | 1,000·0 | 999·6 | 999·6 | 999·3 | 998·6 | 997· |
| August | 1,000·0 | 999·6 | 999·3 | 999·3 | 999·3 | 999·6 | 1,000·0 | 1,000·7 | 1,001·3 | 1,001·0 | 1,001·0 | 1,000·7 | 1,000·0 | 999· |
| September | 1,003·7 | 1,003·4 | 1,003·0 | 1,003·0 | 1,003·4 | 1,003·7 | 1,004·4 | 1,005·1 | 1,005·4 | 1,005·4 | 1,005·4 | 1,004·7 | 1,003·7 | 1,002 |
| October | 1,008·1 | 1,007·8 | 1,007·8 | 1,007·8 | 1,007·8 | 1,008·1 | 1,008·8 | 1,009·5 | 1,010·1 | 1,010·1 | 1,010·1 | 1,009·1 | 1,008·1 | 1,007 |
| November | 1,010·1 | 1,009·8 | 1,009·5 | 1,009·5 | 1,009·8 | 1,010·1 | 1,010·8 | 1,011·5 | 1,012·2 | 1,012·2 | 1,012·2 | 1,011·8 | 1,010·1 | 1,009 |
| December | 1,012·2 | 1,012·2 | 1,012·2 | 1,011·8 | 1,011·8 | 1,012·5 | 1,012·8 | 1,013·5 | 1,014·2 | 1,014·5 | 1,014·5 | 1,013·9 | 1,012·5 | 1,011 |
| *Year* | 1,006·2 | 1,005·8 | 1,005·6 | 1,005·5 | 1,005·5 | 1,005·9 | 1,006·6 | 1,007·3 | 1,007·9 | 1,007·7 | 1,007·9 | 1,007·3 | 1,006·2 | 1,005 |

evel at 12 stations in India for the year 1948.

ours I. S. T.)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extremes. Highest. | Extremes. Lowest. | Hours I. S. T. Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (Hb.=736 FEET) | | | | | | | | | | | | | | | |
| 989·0 | 988·7 | 988·7 | 989·0 | 989·7 | 990·4 | 990·7 | 991·0 | 991·0 | 991·0 | 990·7 | 992·7 | 988·7 | 996·0 | 984·3 | January. |
| 987·3 | 987·0 | 986·7 | 987·0 | 987·3 | 988·0 | 988·3 | 988·7 | 989·0 | 989·0 | 988·3 | 991·0 | 986·7 | 994·7 | 982·0 | February. |
| 984·0 | 983·7 | 983·3 | 983·3 | 983·7 | 984·3 | 984·7 | 985·3 | 985·3 | 985·3 | 985·3 | 988·0 | 983·0 | 994·3 | 978·7 | March. |
| 980·0 | 979·0 | 978·7 | 978·3 | 978·7 | 979·3 | 980·0 | 980·7 | 980·7 | 980·7 | 981·0 | 983·7 | 978·3 | 989·7 | 974·3 | April. |
| 975·3 | 974·7 | 974·0 | 973·7 | 974·0 | 974·7 | 975·0 | 975·3 | 975·7 | 976·0 | 976·3 | 979·0 | 973·3 | 982·0 | 970·0 | May. |
| 973·3 | 971·7 | 971·0 | 971·0 | 971·0 | 971·3 | 972·0 | 973·0 | 973·3 | 973·7 | 973·7 | 976·7 | 970·7 | 982·3 | 966·0 | June. |
| 971·0 | 970·7 | 970·0 | 969·7 | 970·3 | 970·7 | 971·3 | 971·7 | 972·0 | 972·0 | 971·7 | 974·7 | 969·3 | 977·7 | 966·3 | July. |
| 974·0 | 973·3 | 972·7 | 972·7 | 973·0 | 973·7 | 974·0 | 974·7 | 974·7 | 974·7 | 974·7 | 976·7 | 972·0 | 979·7 | 969·3 | August. |
| 978·0 | 977·4 | 977·0 | 977·0 | 977·3 | 978·0 | 978·7 | 979·0 | 979·3 | 979·3 | 979·0 | 981·7 | 977·0 | 983·7 | 973·7 | September. |
| 982·7 | 982·3 | 982·3 | 982·3 | 982·7 | 983·3 | 984·0 | 984·3 | 984·3 | 984·3 | 984·3 | 986·7 | 982·0 | 989·3 | 979·0 | October. |
| 987·8 | 987·5 | 987·5 | 987·5 | 988·5 | 988·8 | 989·2 | 989·2 | 989·2 | 989·2 | 989·2 | 991·5 | 987·5 | 995·3 | 983·1 | November. |
| 988·7 | 988·3 | 988·3 | 988·7 | 989·0 | 990·0 | 990·3 | 990·3 | 990·7 | 990·3 | 990·3 | 992·7 | 988·0 | 997·0 | 983·0 | December. |
| 980·9 | 980·4 | 980·0 | 980·0 | 980·4 | 981·0 | 981·5 | 981·9 | 982·1 | 982·1 | 982·0 | 984·6 | 979·7 | 997·0 | 966·0 | *Year.* |
| (Hb.=26 FEET) | | | | | | | | | | | | | | | |
| 1,012·3 | 1,011·7 | 1,011·6 | 1,011·6 | 1,011·9 | 1,012·5 | 1,013·0 | 1,013·5 | 1,013·7 | 1,013·7 | 1,013·3 | 1,015·3 | 1,011·5 | 1,018·6 | 1,008·8 | January. |
| 1,011·8 | 1,011·3 | 1,010·9 | 1,010·9 | 1,011·3 | 1,011·7 | 1,012·3 | 1,012·7 | 1,013·0 | 1,013·2 | 1,012·5 | 1,014·4 | 1,010·8 | 1,016·6 | 1,008·4 | February. |
| 1,009·4 | 1,008·8 | 1,008·4 | 1,008·4 | 1,008·6 | 1,009·1 | 1,009·6 | 1,010·1 | 1,010·4 | 1,010·5 | 1,009·9 | 1,011·7 | 1,008·2 | 1,013·9 | 1,005·4 | March. |
| 1,006·5 | 1,005·9 | 1,005·4 | 1,005·4 | 1,005·8 | 1,006·2 | 1,006·9 | 1,007·3 | 1,007·6 | 1,007·7 | 1,007·1 | 1,008·9 | 1,005·3 | 1,011·2 | 1,003·7 | April. |
| 1,004·5 | 1,004·0 | 1,003·6 | 1,003·6 | 1,003·9 | 1,004·2 | 1,004·7 | 1,005·0 | 1,005·3 | 1,005·3 | 1,004·8 | 1,006·6 | 1,003·2 | 1,009·8 | 1,001·0 | May. |
| 1,001·0 | 1,000·5 | 1,000·1 | 1,000·1 | 1,000·4 | 1,000·8 | 1,001·1 | 1,001·4 | 1,001·7 | 1,001·8 | 1,001·3 | 1,002·9 | 999·6 | 1,009·8 | 995·9 | June. |
| 1,000·2 | 999·8 | 999·4 | 999·4 | 999·7 | 1,000·2 | 1,000·5 | 1,000·9 | 1,001·2 | 1,001·2 | 1,000·4 | 1,001·8 | 998·9 | 1,007·1 | 994·9 | July. |
| 1,001·0 | 1,000·5 | 1,000·2 | 1,000·3 | 1,000·6 | 1,001·0 | 1,001·4 | 1,001·9 | 1,002·1 | 1,002·1 | 1,001·3 | 1,002·8 | 999·9 | 1,006·4 | 995·6 | August. |
| 1,004·0 | 1,003·7 | 1,003·4 | 1,003·5 | 1,003·8 | 1,004·1 | 1,004·7 | 1,005·1 | 1,005·4 | 1,005·3 | 1,004·6 | 1,006·1 | 1,003·0 | 1,009·5 | 992·5 | September. |
| 1,008·6 | 1,008·2 | 1,008·1 | 1,008·4 | 1,009·0 | 1,009·6 | 1,009·9 | 1,010·1 | 1,010·2 | 1,010·1 | 1,009·6 | 1,011·5 | 1,008·0 | 1,013·9 | 1,005·4 | October. |
| 1,009·6 | 1,009·1 | 1,008·9 | 1,009·2 | 1,009·6 | 1,010·0 | 1,010·5 | 1,010·9 | 1,011·3 | 1,011·3 | 1,010·6 | 1,012·5 | 1,008·6 | 1,016·2 | 997·6 | November. |
| 1,011·8 | 1,011·4 | 1,011·2 | 1,011·3 | 1,011·7 | 1,012·4 | 1,012·8 | 1,013·3 | 1,013·5 | 1,013·5 | 1,013·0 | 1,014·9 | 1,011·0 | 1,017·9 | 1,007·8 | December. |
| 1,006·7 | 1,006·2 | 1,005·9 | 1,006·0 | 1,006·3 | 1,006·8 | 1,007·3 | 1,007·7 | 1,007·9 | 1,008·0 | 1,007·4 | 1,009·1 | 1,005·7 | 1,018·6 | 992·5 | *Year.* |
| (Hb.=115 FEET) | | | | | | | | | | | | | | | |
| 1,010·1 | 1,009·8 | 1,009·8 | 1,010·1 | 1,010·5 | 1,011·5 | 1,012·2 | 1,012·5 | 1,012·5 | 1,012·5 | 1,011·9 | 1,014·5 | 1,009·8 | 1,014·2 | 1,009·8 | January. |
| 1,009·5 | 1,008·8 | 1,008·8 | 1,008·8 | 1,009·5 | 1,010·1 | 1,010·8 | 1,011·2 | 1,011·5 | 1,011·5 | 1,010·9 | 1,014·9 | 1,008·8 | 1,013·5 | 1,008·8 | February. |
| 1,006·8 | 1,006·1 | 1,005·7 | 1,005·7 | 1,006·1 | 1,006·8 | 1,007·4 | 1,005·7 | 1,008·1 | 1,008·4 | 1,008·0 | 1,010·8 | 1,005·7 | 1,010·8 | 1,005·7 | March. |
| 1,003·7 | 1,004·1 | 1,002·4 | 1,002·4 | 1,002·7 | 1,003·4 | 1,004·4 | 1,004·7 | 1,005·4 | 1,005·4 | 1,005·2 | 1,008·1 | 1,002·4 | 1,007·8 | 1,002·4 | April. |
| 1,000·7 | 1,000·0 | 999·3 | 999·3 | 1,000·0 | 1,000·7 | 1,001·3 | 1,002·0 | 1,002·4 | 1,002·4 | 1,002·1 | 1,004·7 | 999·3 | 1,004·7 | 999·3 | May. |
| 997·6 | 996·9 | 996·5 | 996·6 | 996·6 | 997·6 | 998·6 | 999·3 | 1000·0 | 1000·0 | 999·3 | 1001·7 | 996·3 | 1001·7 | 996·5 | June. |
| 997·3 | 996·8 | 995·9 | 995·9 | 996·6 | 996·9 | 997·9 | 998·3 | 999·0 | 999·0 | 998·2 | 1,000·0 | 995·9 | 1,000·0 | 995·9 | July. |
| 998·3 | 997·6 | 997·3 | 997·3 | 997·6 | 998·6 | 999·3 | 1,000·0 | 1,000·3 | 1,000·0 | 999·5 | 1,001·3 | 996·6 | 1,001·3 | 997·3 | August. |
| 1,002·0 | 1,001·7 | 1,001·3 | 1,001·7 | 1,002·0 | 1,003·0 | 1,003·7 | 1,004·0 | 1,004·4 | 1,004·0 | 1,003·5 | 1,005·7 | 1,001·3 | 1,005·4 | 1,001·3 | September. |
| 1,006·1 | 1,005·7 | 1,005·7 | 1,005·7 | 1,006·1 | 1,007·1 | 1,007·8 | 1,009·1 | 1,008·4 | 1,008·4 | 1,007·9 | 1,011·5 | 1,005·4 | 1,010·1 | 1,005·7 | October. |
| 1,008·4 | 1,008·1 | 1,008·1 | 1,008·4 | 1,008·8 | 1,009·8 | 1,010·1 | 1,010·5 | 1,010·5 | 1,010·5 | 1,010·1 | 1,010·1 | 1,007·8 | 1,012·2 | 1,008·1 | November. |
| 1,010·5 | 1,010·1 | 1,009·8 | 1,010·1 | 1,010·8 | 1,011·2 | 1,011·8 | 1,012·2 | 1,012·2 | 1,012·2 | 1,012·1 | 1,014·9 | 1,009·8 | 1,014·5 | 1,009·8 | December. |
| 1,004·3 | 1,003·8 | 1,003·4 | 1,003·5 | 1,003·9 | 1,004·7 | 1,005·4 | 1,005·8 | 1,006·2 | 1,006·2 | 1,005·7 | 1,008·2 | 1,003·3 | 1,008·0 | 1,003·4 | *Year.* |

## Table VIII.—Mean hourly and extreme pressures (in mb.) at station

(Readings at exact

| Month. Hours I. S. T. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | NAGPUR |
| January | 980·9 | 980·7 | 980·8 | 980·5 | 980·5 | 980·7 | 981·0 | 981·5 | 981·9 | 982·1 | 981·9 | 981·9 | 981·0 | 980·4 |
| February | 978·6 | 978·2 | 978·1 | 978·2 | 978·2 | 978·5 | 979·0 | 979·4 | 979·8 | 980·1 | 979·9 | 979·3 | 978·6 | 978·1 |
| March | 976·4 | 976·2 | 976·0 | 975·9 | 976·0 | 976·3 | 976·8 | 978·3 | 977·7 | 977·9 | 977·7 | 977·2 | 976·6 | 975·9 |
| April | 972·4 | 972·4 | 972·2 | 972·3 | 972·4 | 972·7 | 973·1 | 973·5 | 973·7 | 973·8 | 973·5 | 973·1 | 972·5 | 971·7 |
| May | 967·7 | 967·3 | 967·5 | 967·6 | 967·8 | 968·1 | 968·6 | 969·0 | 969·2 | 969·1 | 968·9 | 968·5 | 968·0 | 967·4 |
| June | 965·5 | 965·3 | 965·2 | 965·2 | 965·3 | 965·6 | 966·1 | 966·3 | 966·4 | 966·3 | 966·0 | 965·9 | 965·4 | 964·9 |
| July | *965·3* | *965·1* | *964·9* | *964·8* | *964·9* | *965·1* | *965·5* | *965·7* | *966·0* | *966·1* | *966·0* | *965·7* | *965·3* | *964·8* |
| August | 966·4 | 966·1 | 965·9 | 965·8 | 966·0 | 966·2 | 966·5 | 966·8 | 967·1 | 967·2 | 967·1 | 966·8 | 966·3 | 965·7 |
| September | 969·4 | 969·1 | 968·9 | 968·9 | 969·0 | 969·3 | 969·7 | 970·1 | 970·4 | 970·5 | 970·3 | 969·8 | 969·1 | 968·6 |
| October | 975·3 | 975·0 | 974·9 | 974·9 | 975·0 | 975·4 | 975·8 | 976·2 | 976·5 | 976·6 | 976·3 | 975·7 | 975·1 | 974·4 |
| November | 978·0 | 977·8 | 977·7 | 977·6 | 977·8 | 978·1 | 978·6 | 979·0 | 979·4 | 979·7 | 979·4 | 978·7 | 978·1 | 977·5 |
| December | 980·2 | 980·0 | 979·9 | 979·8 | 979·9 | 980·2 | 980·6 | 981·2 | 981·6 | 981·7 | 981·3 | 980·8 | 979·9 | 979·6 |
| *Year* | 973·3 | 972·8 | 972·7 | 972·6 | 972·6 | 973·1 | 973·4 | 973·9 | 974·1 | 974·3 | 974·2 | 973·6 | 972·0 | 972·4 |
| | | | | | | | | | | | | | | *BOMBAY |
| January | 1,013·5 | 1,013·0 | 1,012·8 | 1,012·7 | 1,012·9 | 1,013·5 | 1,014·2 | 1,015·2 | 1,015·9 | 1,015·9 | 1,015·2 | 1,014·3 | 1,013·1 | 1,012·4 |
| February | 1,013·6 | 1,013·0 | 1,012·7 | 1,012·7 | 1,012·9 | 1,013·6 | 1,014·4 | 1,015·2 | 1,015·9 | 1,016·0 | 1,015·4 | 1,014·4 | 1,013·4 | 1,012·5 |
| March | 1,011·2 | 1,010·7 | 1,010·3 | 1,010·3 | 1,010·8 | 1,011·5 | 1,012·3 | 1,013·0 | 1,013·6 | 1,013·6 | 1,013·3 | 1,012·4 | 1,011·4 | 1,010·5 |
| April | 1,009·1 | 1,008·7 | 1,008·5 | 1,008·6 | 1,009·1 | 1,009·8 | 1,010·4 | 1,011·3 | 1,011·6 | 1,011·6 | 1,011·3 | 1,010·4 | 1,009·3 | 1,008·4 |
| May | 1,007·4 | 1,007·2 | 1,007·1 | 1,007·3 | 1,007·5 | 1,008·3 | 1,008·9 | 1,009·6 | 1,009·8 | 1,009·8 | 1,009·5 | 1,009·0 | 1,008·3 | 1,007·6 |
| June | 1,004·1 | 1,003·7 | 1,003·5 | 1,003·6 | 1,003·8 | 1,004·4 | 1,004·9 | 1,005·5 | 1,005·7 | 1,005·7 | 1,005·6 | 1,005·1 | 1,004·4 | 1,003·8 |
| July | 1,003·7 | 1,003·2 | 1,003·0 | 1,002·9 | 1,003·1 | 1,003·7 | 1,004·1 | 1,004·7 | 1,004·9 | 1,005·1 | 1,004·8 | 1,004·6 | 1,004·1 | 1,003·8 |
| August | 1,004·7 | 1,004·2 | 1,003·9 | 1,004·0 | 1,004·2 | 1,004·7 | 1,005·3 | 1,005·8 | 1,006·2 | 1,006·3 | 1,006·0 | 1,005·6 | 1,004·9 | 1,004·5 |
| September | 1,007·5 | 1,007·1 | 1,006·9 | 1,006·9 | 1,007·2 | 1,007·6 | 1,008·3 | 1,009·1 | 1,009·4 | 1,009·5 | 1,009·1 | 1,008·5 | 1,007·7 | 1,007·1 |
| October | 1,011·2 | 1,010·8 | 1,010·7 | 1,010·7 | 1,011·0 | 1,011·5 | 1,012·2 | 1,012·8 | 1,013·2 | 1,013·2 | 1,012·6 | 1,011·8 | 1,010·9 | 1,010·1 |
| November | 1,011·7 | 1,011·3 | 1,011·1 | 1,011·1 | 1,011·5 | 1,012·1 | 1,012·8 | 1,013·5 | 1,014·1 | 1,013·8 | 1,013·2 | 1,012·3 | 1,011·3 | 1,010·8 |
| December | 1,014·0 | 1,013·5 | 1,013·2 | 1,013·2 | 1,013·5 | 1,014·1 | 1,014·8 | 1,015·8 | 1,016·2 | 1,016·1 | 1,015·4 | 1,014·4 | 1,013·3 | 1,012·4 |
| *Year* | 1,009·3 | 1,008·9 | 1,008·6 | 1,008·7 | 1,009·0 | 1,009·6 | 1,010·2 | 1,011·0 | 1,011·4 | 1,011·4 | 1,010·9 | 1,010·2 | 1,009·4 | 1,008·7 |
| | | | | | | | | | | | | | | POONA |
| January | 950·5 | 950·1 | 949·8 | 949·6 | 949·8 | 950·2 | 950·8 | 951·7 | 952·5 | 952·8 | 952·5 | 951·5 | 950·4 | 949·2 |
| February | 950·4 | 950·0 | 949·6 | 949·4 | 949·5 | 950·0 | 950·6 | 951·5 | 952·1 | 952·6 | 952·3 | 951·3 | 950·2 | 949·1 |
| March | 948·6 | 948·3 | 947·7 | 947·7 | 947·7 | 9 48·3 | 949·0 | 949·9 | 950·5 | 950·7 | 950·5 | 949·8 | 948·6 | 947·5 |
| April | 946·5 | 946·3 | 945·7 | 945·6 | 945·9 | 946·3 | 947·6 | 947·8 | 948·4 | 948·5 | 948·1 | 947·5 | 946·4 | 945·3 |
| May | 944·8 | 944·4 | 944·2 | 944·1 | 944·3 | 944·7 | 945·4 | 946·0 | 946·2 | 946·3 | 946·0 | 945·4 | 944·7 | 943·8 |
| June | 942·4 | 941·9 | 941·5 | 941·4 | 941·4 | 941·7 | 942·4 | 942·9 | 943·2 | 943·4 | 943·1 | 942·7 | 942·0 | 941·2 |
| July | 941·9 | 941·3 | 940·9 | 940·6 | 940·5 | 940·9 | 941·5 | 941·9 | 942·3 | 942·5 | 942·5 | 942·2 | 941·9 | 941·5 |
| August | 942·6 | 942·1 | 941·6 | 941·5 | 941·5 | 941·7 | 942·2 | 942·8 | 943·3 | 943·5 | 943·5 | 943·2 | 942·6 | 941·9 |
| September | 945·3 | 944·8 | 944·3 | 944·2 | 944·3 | 944·6 | 945·0 | 945·7 | 946·2 | 946·4 | 946·3 | 945·7 | 944·9 | 944·1 |
| October | 948·9 | 948·4 | 948·0 | 947·9 | 948·1 | 948·5 | 949·3 | 949·8 | 950·3 | 950·4 | 950·0 | 949·2 | 948·1 | 947·2 |
| November | 949·3 | 948·8 | 948·6 | 948·5 | 948·6 | 949·1 | 949·8 | 950·5 | 951·0 | 951·4 | 950·9 | 950·0 | 949·1 | 947·9 |
| December | 951·2 | 950·9 | 950·5 | 950·5 | 950·6 | 951·1 | 951·7 | 952·6 | 953·1 | 953·3 | 952·8 | 952·0 | 950·7 | 949·7 |
| *Year* | 946·9 | 946·0 | 946·0 | 945·9 | 946·9 | 947·3 | 947·1 | 947·8 | 948·3 | 948·5 | 948·2 | 947·5 | 946·6 | 945·7 |

Figures in italics are means of data which are not available for a complete month.

* The hours in this case refer to L. M. T.

ve at 12 stations in India for the year 1948.

ours I. S. T.)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extremes. Highest. | Extremes. Lowest. | Hours I. S. T. Month |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .=1010 FEET) | | | | | | | | | | | | | | | |
| 980·2 | 980·1 | 980·0 | 980·2 | 980·3 | 980·8 | 981·1 | 981·2 | 981·1 | 981·0 | 980·9 | 982·3 | 980·0 | 984·8 | 975·6 | January. |
| 977·6 | 977·3 | 977·4 | 977·5 | 977·7 | 978·2 | 978·5 | 978·7 | 978·7 | 978·6 | 978·5 | 980·3 | 977·3 | 983·0 | 971·9 | February. |
| 975·4 | 975·0 | 975·0 | 975·1 | 975·5 | 975·9 | 976·4 | 976·6 | 976·7 | 976·5 | 976·3 | 978·1 | 974·3 | 983·0 | 969·5 | March. |
| 971·3 | 970·9 | 970·7 | 970·9 | 971·1 | 971·4 | 971·8 | 972·0 | 972·4 | 972·3 | 972·3 | 974·3 | 970·6 | 980·0 | 964·5 | April. |
| 966·9 | 966·0 | 966·4 | 966·4 | 966·8 | 967·1 | 967·2 | 967·9 | 968·0 | 967·8 | 967·7 | 969·4 | 966·4 | 971·8 | 964·4 | May. |
| 964·4 | 964·0 | 963·9 | 964·1 | 964·5 | 964·8 | 965·1 | 965·4 | 965·6 | 965·4 | 965·3 | 966·8 | 963·9 | 971·0 | 960·9 | June. |
| *964·4* | *964·1* | *964·0* | *964·2* | *964·7* | *965·1* | *965·5* | *965·8* | *965·9* | *965·7* | 965·2 | 966·5 | 963·8 | 971·3 | 960·1 | July. |
| 965·3 | 965·0 | 964·9 | 965·1 | 965·6 | 966·0 | 966·5 | 966·8 | 966·8 | 966·6 | 966·2 | 967·4 | 965·0 | 971·8 | 961·6 | August. |
| 968·2 | 968·0 | 968·1 | 968·4 | 969·0 | 969·5 | 969·9 | 970·0 | 969·9 | 969·7 | 969·3 | 970·7 | 967·9 | 973·8 | 963·6 | September. |
| 974·0 | 973·9 | 974·1 | 974·3 | 974·7 | 975·3 | 975·7 | 975·8 | 975·8 | 975·7 | 975·3 | 976·8 | 973·8 | 979·0 | 970·3 | October. |
| 977·3 | 977·2 | 977·4 | 977·6 | 978·0 | 978·4 | 978·6 | 978·7 | 978·6 | 978·5 | 978·2 | 979·8 | 977·0 | 985·3 | 974·4 | November. |
| 979·3 | 978·9 | 979·0 | 979·2 | 979·6 | 979·9 | 980·2 | 980·3 | 980·3 | 980·1 | 980·1 | 981·8 | 978·8 | 985·8 | 974·1 | December. |
| 972·3 | 971·7 | 971·7 | 971·9 | 972·3 | 972·7 | 973·4 | 973·3 | 973·7 | 973·2 | 972·9 | 974·5 | 971·6 | 985·8 | 960·1 | *Year.* |
| .=35 FEET) | | | | | | | | | | | | | | | |
| ,011·8 | 1,011·9 | 1,012·1 | 1,012·7 | 1,013·4 | 1,015·1 | 1,014·5 | 1,014·5 | 1,014·2 | 1,013·9 | 1,013·6 | 1,016·0 | 1,011·7 | 1,018·7 | 1,008·5 | January. |
| ,011·9 | 1,011·8 | 1,011·9 | 1,012·4 | 1,013·0 | 1,013·8 | 1,014·3 | 1,014·5 | 1,014·3 | 1,014·0 | 1,013·6 | 1,016·1 | 1,011·7 | 1,018·0 | 1,009·6 | February. |
| ,009·8 | 1,009·5 | 1,009·6 | 1,010·0 | 1,010·7 | 1,011·4 | 1,011·9 | 1,012·2 | 1,012·0 | 1,011·7 | 1,011·4 | 1,013·8 | 1,009·3 | 1,016·2 | 1,006·5 | March. |
| ,007·7 | 1,007·4 | 1,007·4 | 1,008·0 | 1,008·4 | 1,009·1 | 1,009·7 | 1,010·0 | 1,009·8 | 1,009·7 | 1,009·4 | 1,011·7 | 1,007·2 | 1,015·9 | 1,005·3 | April. |
| ,006·9 | 1,006·4 | 1,006·6 | 1,006·9 | 1,007·3 | 1,007·9 | 1,008·3 | 1,008·6 | 1,008·4 | 1,008·0 | 1,008·1 | 1,009·9 | 1,006·2 | 1,013·7 | 1,003·7 | May. |
| ,003·1 | 1,002·9 | 1,002·9 | 1,003·2 | 1,003·7 | 1,004·3 | 1,004·8 | 1,005·1 | 1,005·0 | 1,004·7 | 1,004·3 | 1,006·2 | 1,002·3 | 1,012·9 | 995·2 | June. |
| ,003·2 | 1,002·9 | 1,003·0 | 1,003·3 | 1,003·8 | 1,004·4 | 1,004·7 | 1,005·1 | 1,004·9 | 1,004·4 | 1,003·9 | 1,005·5 | 1,002·5 | 1,010·0 | 999·2 | July. |
| ,003·9 | 1,003·7 | 1,003·7 | 1,004·0 | 1,004·5 | 1,005·2 | 1,005·6 | 1,005·8 | 1,005·7 | 1,005·4 | 1,004·9 | 1,006·4 | 1,003·4 | 1,009·7 | 998·1 | August. |
| ,006·6 | 1,006·4 | 1,006·6 | 1,007·2 | 1,007·6 | 1,008·4 | 1,008·8 | 1,008·9 | 1,008·6 | 1,008·1 | 1,007·9 | 1,009·7 | 1,006·1 | 1,012·8 | 996·9 | September. |
| ,009·5 | 1,009·6 | 1,009·8 | 1,010·5 | 1,011·2 | 1,011·9 | 1,012·3 | 1,012·3 | 1,012·0 | 1,011·7 | 1,011·4 | 1,013·4 | 1,009·3 | 1,015·9 | 1,007·4 | October. |
| ,010·1 | 1,010·2 | 1,010·6 | 1,011·1 | 1,011·8 | 1,012·4 | 1,012·7 | 1,012·7 | 1,012·4 | 1,012·1 | 1,011·9 | (b) 1,014·2 | (b) 1,009·6 | 1,017·9 | 996·3 | November. |
| ,012·0 | 1,011·9 | 1,012·3 | 1,012·8 | 1,013·6 | 1,014·2 | 1,014·6 | 1,014·6 | 1,014·4 | 1,014·2 | 1,014·0 | 1,016·3 | 1,011·9 | 1,019·4 | 1,008·6 | December. |
| ,008·0 | 1,007·9 | 1,008·0 | 1,008·5 | 1,009·1 | 1,009·8 | 1,010·2 | 1,010·4 | 1,010·1 | 1,009·8 | 1,009·5 | 1,011·6 | 1,007·6 | 1,019·4 | 995·2 | *Year.* |
| =1,834 FEET) | | | | | | | | | | | | | | | |
| 948·4 | 948·0 | 948·1 | 948·3 | 949·0 | 949·9 | 950·6 | 950·9 | 950·6 | 950·7 | 950·3 | 952·8 | 947·9 | 955·2 | 944·8 | January. |
| 948·1 | 947·7 | 947·6 | 948·0 | 948·6 | 949·5 | 950·4 | 950·8 | 950·8 | 950·6 | 950·0 | 952·6 | 947·5 | 954·8 | 945·6 | February. |
| 946·6 | 946·0 | 945·7 | 946·0 | 946·6 | 947·6 | 948·5 | 949·0 | 949·2 | 949·0 | 948·4 | 951·0 | 945·7 | 953·9 | 943·9 | March. |
| 944·4 | 943·7 | 943·5 | 943·9 | 944·6 | 945·5 | 946·2 | 946·7 | 946·8 | 946·7 | 946·2 | 948·5 | 943·5 | 952·7 | 941·2 | April. |
| 943·1 | 942·5 | 942·3 | 942·6 | 943·3 | 944·1 | 944·8 | 945·2 | 945·3 | 945·2 | 944·5 | 946·7 | 942·3 | 950·0 | 939·9 | May. |
| 940·6 | 940·1 | 939·9 | 940·3 | 940·8 | 941·5 | 942·2 | 942·6 | 943·0 | 942·8 | 942·0 | 943·7 | 939·6 | 949·3 | 933·5 | June. |
| 941·0 | 940·6 | 940·4 | 940·5 | 941·0 | 941·6 | 942·1 | 942·5 | 942·7 | 942·5 | 941·5 | 943·1 | 939·9 | 947·3 | 937·0 | July. |
| 941·4 | 941·0 | 940·8 | 941·0 | 941·4 | 942·1 | 942·6 | 943·1 | 943·3 | 943·1 | 942·2 | 942·4 | 940·8 | 947·0 | 935·8 | August. |
| 943·5 | 943·3 | 943·3 | 943·7 | 944·3 | 945·0 | 945·7 | 946·1 | 945·9 | 945·7 | 945·0 | 946·7 | 943·1 | 949·7 | 936·3 | September. |
| 946·3 | 946·0 | 946·2 | 946·7 | 947·6 | 948·6 | 949·2 | 949·5 | 949·4 | 949·2 | 948·4 | 950·5 | 945·9 | 952·6 | 943·9 | October. |
| 947·2 | 947·2 | 947·3 | 947·8 | 948·5 | 949·3 | 949·9 | 950·2 | 950·2 | 949·9 | 949·2 | 951·4 | 947·1 | 955·7 | 940·5 | November. |
| 948·9 | 948·6 | 948·7 | 949·1 | 949·7 | 950·5 | 951·2 | 951·5 | 951·5 | 951·2 | 951·0 | 953·5 | 948·6 | 957·0 | 945·0 | December. |
| 944·9 | 944·5 | 944·5 | 944·8 | 945·5 | 946·3 | 946·9 | 947·3 | 947·4 | 947·2 | 946·5 | 948·6 | 944·3 | 957·0 | 933·5 | *Year.* |

(b) Mean of 29 days.

## Table VIII.—Mean hourly and extreme pressures (in mb.) at stat

### (Readings at ex

| Month. / Hours I. S. T. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | MADR |
| January | 1,011·9 | 1,011·4 | 1,011·0 | 1,010·8 | 1,011·0 | 1,011·5 | 1,012·2 | 1,013·0 | 1,013·7 | 1,013·7 | 1,013·4 | 1,012·5 | 1,011·6 | 1,0 |
| February | 1,011·0 | 1,010·6 | 1,010·3 | 1,010·1 | 1,010·5 | 1,011·0 | 1,011·8 | 1,012·6 | 1,013·1 | 1,013·2 | 1,012·7 | 1,011·8 | 1,010·7 | 1,0 |
| March | 1,009·3 | 1,008·7 | 1,008·5 | 1,008·5 | 1,008·7 | 1,009·3 | 1,010·1 | 1,010·8 | 1,011·4 | 1,011·3 | 1,010·8 | 1,009·9 | 1,008·9 | 1,0 |
| April | 1,007·1 | 1,006·4 | 1,006·1 | 1,006·1 | 1,006·5 | 1,007·1 | 1,007·8 | 1,008·4 | 1,008·6 | 1,008·6 | 1,008·1 | 1,007·1 | 1,005·9 | 1,0 |
| May | 1,002·7 | 1,002·2 | 1,002·0 | 1,002·0 | 1,002·4 | 1,002·9 | 1,003·6 | 1,004·1 | 1,004·5 | 1,004·2 | 1,003·7 | 1,003·0 | 1,002·0 | 1,0 |
| June | 1,001·9 | 1,001·3 | 1,001·2 | 1,001·3 | 1,001·5 | 1,002·2 | 1,002·8 | 1,003·2 | 1,003·4 | 1,003·1 | 1,002·7 | 1,002·0 | 1,001·0 | 1,0 |
| July | 1,002·5 | 1,002·0 | 1,001·8 | 1,001·8 | 1,001·9 | 1,002·5 | 1,003·0 | 1,003·4 | 1,003·7 | 1,003·5 | 1,002·9 | 1,002·3 | 1,001·1 | 1,0 |
| August | 1,003·0 | 1,002·6 | 1,002·3 | 1,002·5 | 1,002·7 | 1,003·0 | 1,003·6 | 1,004·1 | 1,004·1 | 1,004·0 | 1,003·7 | 1,003·0 | 1,002·0 | 1,0 |
| September | 1,004·2 | 1,004·0 | 1,003·8 | 1,003·9 | 1,004·1 | 1,004·6 | 1,005·3 | 1,005·9 | 1,006·4 | 1,006·0 | 1,005·5 | 1,004·6 | 1,003·4 | 1,0 |
| October | 1,008·2 | 1,007·8 | 1,007·5 | 1,007·5 | 1,007·9 | 1,008·5 | 1,009·2 | 1,009·8 | 1,010·2 | 1,009·9 | 1,009·2 | 1,008·3 | 1,007·2 | 1,0 |
| November | 1,009·4 | 1,009·1 | 1,008·8 | 1,008·7 | 1,009·0 | 1,009·4 | 1,010·3 | 1,010·9 | 1,011·5 | 1,011·5 | 1,010·9 | 1,010·0 | 1,009·0 | 1,0 |
| December | 1,011·5 | 1,010·9 | 1,010·5 | 1,010·3 | 1,010·6 | 1,011·1 | 1,011·8 | 1,012·7 | 1,013·4 | 1,013·3 | 1,012·8 | 1,011·9 | 1,011·0 | 1,0 |
| *Year* | 1,006·9 | 1,006·4 | 1,006·2 | 1,006·1 | 1,006·4 | 1,006·9 | 1,007·6 | 1,008·3 | 1,008·7 | 1,008·5 | 1,008·0 | 1,007·2 | 1,006·2 | 1,0 |
| | | | | | | | | | | | | | | KODAIKAN |
| January | *772·8* | *772·5* | *772·1* | *771·8* | *771·7* | *771·7* | *771·8* | *772·1* | *772·8* | 772·7 | 772·7 | 772·7 | 772·4 | 7 |
| February | 773·0 | 772·5 | 771·7 | 771·4 | 771·7 | 771·7 | 771·9 | 773·2 | 773·8 | 774·6 | 774·7 | 774·6 | 773·1 | 7 |
| March | *77[illegible]·8* | *772·2* | *771·6* | *771·4* | *771·3* | *771·3* | *771·4* | *773·0* | *773·7* | *774·4* | *774·5* | *774·4* | *773·1* | 7 |
| April | 772·0 | 771·5 | 771·0 | 770·7 | 770·7 | 770·7 | 771·0 | 772·4 | 772·9 | 773·4 | 773·5 | 773·4 | 772·5 | 7 |
| May | 770·9 | 770·4 | 770·0 | 769·9 | 769·7 | 869·8 | 769·9 | 771·3 | 771·8 | 772·1 | 772·4 | 772·1 | 771·3 | 7 |
| June | 769·5 | 769·1 | 768·7 | 768·5 | 768·6 | 768·6 | 768·9 | 769·9 | 770·2 | 770·5 | 770·6 | 770·5 | 769·8 | 7 |
| July | 769·0 | 768·6 | 768·2 | 768·0 | 768·0 | 768·0 | 768·2 | 769·0 | 769·4 | 769·8 | 769·9 | 769·8 | 769·0 | 7 |
| August | 769·1 | 768·5 | 768·2 | 768·0 | 768·0 | 767·6 | 768·2 | 769·1 | 769·7 | 770·0 | 770·1 | 770·1 | 769·2 | 7 |
| September | 770·1 | 769·7 | 769·4 | *769·2* | *769·1* | *769·1* | *769·5* | *770·6* | *771·3* | *771·7* | 771·7 | 771·5 | 770·1 | 7 |
| October | 771·8 | *771·4* | *770·9* | *770·7* | *770·8* | *770·8* | *771·1* | *772·3* | 773·2 | 773·3 | 773·2 | 773·0 | 771·3 | |
| November | 772·0 | 771·5 | 771·1 | 770·8 | 770·8 | 770·8 | 770·1 | 772·4 | 773·0 | 773·5 | 773·5 | 773·2 | 771·8 | |
| December | 772·1 | 771·4 | 770·9 | 770·7 | 770·7 | 770·8 | 771·0 | 771·7 | 772·3 | 772·7 | 772·6 | 772·3 | 771·5 | |
| *Year* | 771·3 | 770·8 | 770·3 | 770·1 | 770·1 | 770·1 | 770·3 | 771·4 | 772·0 | 772·4 | 772·5 | 772·3 | 771·3 | |
| | | | | | | | | | | | | | | SEYCHEI |
| January | 1,010·9 | 1,010·3 | 1,009·9 | 1,009·8 | 1,009·9 | 1,010·1 | 1,010·8 | 1,011·4 | 1,011·5 | 1,011·8 | 1,011·6 | 1,011·1 | 1,010·5 | 1, |
| February | 1,011·5 | 1,011·0 | 1,010·7 | 1,010·5 | 1,010·6 | 1,011·0 | 1,011·6 | 1,012·2 | 1,012·5 | 1,012·5 | 1,012·3 | 1,011·7 | 1,011·0 | 1, |
| March | 1,010·8 | 1,010·3 | 1,009·9 | 1,009·7 | 1,009·8 | 1,010·1 | 1,010·7 | 1,011·2 | 1,011·6 | 1,011·8 | 1,011·5 | 1,010·8 | 1,010·1 | 1, |
| April | 1,010·7 | 1,010·2 | 1,009·8 | 1,009·7 | 1,009·7 | 1,009·9 | 1,010·7 | 1,011·3 | 1,011·6 | 1,011·6 | 1,011·5 | 1,010·8 | 1,010·1 | 1, |
| May | 1,011·5 | 1,011·1 | 1,010·7 | 1,010·4 | 1,010·6 | 1,010·8 | 1,011·5 | 1,011·9 | 1,012·3 | 1,012·6 | 1,012·2 | 1,011·6 | 1,010·9 | 1, |
| June | 1,012·0 | 1,011·7 | 1,011·3 | 1,011·0 | 1,011·0 | 1,011·3 | 1,011·7 | 1,012·2 | 1,012·6 | 1,012·8 | 1,012·5 | 1,012·0 | 1,011·4 | 1, |
| July | 1,012·2 | 1,011·8 | 1,011·4 | 1,011·1 | 1,011·0 | 1,011·2 | 1,011·7 | 1,012·2 | 1,012·6 | 1,012·8 | 1,012·6 | 1,012·2 | 1,011·6 | 1, |
| August | 1,012·5 | 1,012·0 | 1,011·6 | 1,011·4 | 1,011·4 | 1,011·6 | 1,012·0 | 1,012·5 | 1,012·8 | 1,013·1 | 1,012·9 | 1,012·5 | 1,011·8 | 1 |
| September | 1,011·8 | 1,011·4 | 1,011·0 | 1,010·8 | 1,010·8 | 1,011·2 | 1,011·7 | 1,012·3 | 1,012·7 | 1,013·0 | 1,012·7 | 1,012·2 | 1,011·5 | 1 |
| October | 1,011·9 | 1,011·5 | 1,011·1 | 1,010·9 | 1,011·1 | 1,011·5 | 1,012·1 | 1,012·7 | 1,013·0 | 1,013·1 | 1,012·8 | 1,012·2 | 1,011·5 | 1 |
| November | 1,012·1 | 1,011·7 | 1,011·5 | 1,011·4 | 1,011·5 | 1,011·9 | 1,012·5 | 1,012·9 | 1,013·0 | 1,013·0 | 1,012·6 | 1,012·1 | 1,011·4 | 1 |
| December | 1,010·6 | 1,010·0 | 1,009·7 | 1,009·6 | 1,009·7 | 1,010·0 | 1,010·7 | 1,011·0 | 1,011·2 | 1,011·3 | 1,010·9 | 1,010·4 | 1,009·7 | 1 |
| *Year* | 1·011·5 | 1,011·1 | 1.010·7 | 1,010·5 | 1,010·6 | 1,010·9 | 1,011·5 | 1,012·0 | 1,012·3 | 1,012·5 | 1,012·2 | 1,011·6 | 1010·9 | 1 |

Figures in italics are means of data which are not available for a complete month.

## evel at 12 stations in India for the year 1948.

## ours I. S. T.)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extremes. Highest. | Extremes. Lowest. | Hours (I. S. T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ht.=51 Ft.) | | | | | | | | | | | | | | | |
| 1,010·0 | 1,009·9 | 1,010·1 | 1,010·7 | 1,011·2 | 1,011·9 | 1,012·6 | 1,012·8 | 1,012·7 | 1,012·4 | 1,011·8 | 1,013·9 | 1,009·8 | 1,016·8 | 1,006·4 | January. |
| 1,009·1 | 1,009·0 | 1,009·1 | 1,009·5 | 1,010·1 | 1,010·8 | 1,011·5 | 1,011·8 | 1,011·8 | 1,011·6 | 1,011·0 | 1,013·3 | 1,008·9 | 1,015·9 | 1,005·5 | February. |
| 1,007·4 | 1,007·2 | 1,007·3 | 1,007·7 | 1,008·4 | 1,009·2 | 1,009·9 | 1,010·3 | 1,010·2 | 1,009·9 | 1,009·2 | 1,011·5 | 1,007·1 | 1,014·5 | 1,003·1 | March. |
| 1,004·4 | 1,004·0 | 1,004·1 | 1,004·6 | 1,005·4 | 1,006·3 | 1,007·1 | 1,007·6 | 1,007·6 | 1,007·3 | 1,006·5 | 1,008·8 | 1,004·0 | 1,013·0 | 1,001·1 | April. |
| 1,000·5 | 1,000·2 | 1,000·3 | 1,000·9 | 1,001·7 | 1,002·6 | 1,003·2 | 1,003·7 | 1,003·7 | 1,003·2 | 1,002·5 | 1,004·7 | 1,000·0 | 1,007·9 | 996·5 | May. |
| 999·3 | 999·0 | 999·2 | 999·7 | 1,000·5 | 1,001·3 | 1,002·0 | 1,002·3 | 1,002·5 | 1,002·2 | 1,001·5 | 1,003·7 | 999·8 | 1,006·0 | 995·3 | June. |
| 1,000·1 | 999·6 | 999·8 | 1,000·2 | 1,001·1 | 1,001·9 | 1,002·7 | 1,003·2 | 1,003·2 | 1,002·9 | 1,002·0 | 1,003·9 | 999·5 | 1,008·6 | 995·6 | July. |
| 1,000·4 | 1,000·1 | 1,000·2 | 1,000·9 | 1,001·6 | 1,002·5 | 1,003·2 | 1,003·7 | 1,003·8 | 1,003·5 | 1,002·6 | 1,004·6 | 1,000·0 | 1,007·1 | 998·3 | August. |
| 1,002·0 | 1,001·8 | 1,002·0 | 1,002·6 | 1,003·3 | 1,004·1 | 1,004·8 | 1,005·3 | 1,005·3 | 1,004·9 | 1,004·1 | 1,006·4 | 1,001·7 | 1,009·2 | 998·2 | September. |
| 1,005·8 | 1,005·8 | 1,006·1 | 1,006·8 | 1,007·6 | 1,008·4 | 1,009·1 | 1,009·4 | 1,009·2 | 1,008·9 | 1,008·1 | 1,010·2 | 1,005·7 | 1,012·5 | 1,002·7 | October. |
| 1,007·9 | 1,008·0 | 1,008·1 | 1,008·7 | 1,009·5 | 1,010·2 | 1,010·8 | 1,010·9 | 1,010·8 | 1,010·3 | 1,009·7 | 1,011·8 | 1,007·7 | 1,015·4 | 1,003·1 | November. |
| 1,009·7 | 1,009·7 | 1,009·9 | 1,010·5 | 1,011·2 | 1,011·9 | 1,012·5 | 1,012·6 | 1,012·3 | 1,011·9 | 1,011·5 | 1,013·5 | 1,009·5 | 1,016·2 | 1,006·1 | December. |
| 1,004·7 | 1,004·5 | 1,004·7 | 1,005·3 | 1,005·9 | 1,006·8 | 1,007·5 | 1,007·8 | 1,007·8 | 1,007·4 | 1,006·7 | 1,008·9 | 1,004·5 | 1,016·8 | 995·3 | *Year.* |
| Ht.=7,688 Ft.) | | | | | | | | | | | | | | | |
| 771·3 | 771·1 | 770·9 | 770·9 | 771·0 | 771·4 | 772·2 | 772·7 | 772·9 | 772·9 | 772·0 | 773·3 | 770·8 | 775·3 | 768·7 | January. |
| 772·1 | 771·9 | 772·0 | 772·0 | 772·0 | 772·3 | 772·7 | 773·0 | 773·1 | 773·1 | 772·8 | 774·8 | 771·5 | 776·5 | 769·4 | February. |
| *771·8* | *771·8* | *771·7* | *771·7* | *771·8* | *772·1* | *772·6* | *773·0* | *773·4* | *773·1* | 772·5 | 774·6 | 771·2 | 776·3 | 769·2 | March. |
| 771·5 | 771·0 | 770·7 | 770·8 | 771·0 | 771·4 | 771·8 | 772·1 | 772·2 | 772·3 | 771·8 | 773·6 | 770·3 | 776·3 | 768·1 | April. |
| 770·3 | 770·0 | 769·7 | 769·7 | 769·9 | 770·5 | 771·0 | 771·3 | 771·4 | 771·3 | 770·7 | 772·4 | 768·2 | 775·3 | 767·4 | May. |
| 768·8 | 768·4 | 768·0 | 768·3 | 768·5 | 768·9 | 769·3 | 769·6 | 769·8 | 769·7 | 769·2 | 770·8 | 768·1 | 773·7 | 765·8 | June. |
| 768·2 | 767·9 | 767·8 | 767·9 | 768·1 | 768·4 | 769·0 | 769·2 | 769·4 | 769·2 | 768·7 | 770·0 | 767·6 | 771·3 | 765·7 | July. |
| 768·0 | 768·0 | 768·0 | 768·2 | 768·1 | 768·5 | 768·9 | 769·0 | 769·5 | 769·4 | 768·8 | 770·2 | 767·6 | 772·2 | 766·3 | August. |
| 769·1 | 768·8 | 769·0 | 769·0 | 769·2 | 769·6 | 770·1 | 770·4 | 770·5 | 770·5 | 770·0 | 771·7 | 768·6 | 774·4 | 765·6 | September. |
| 770·2 | 769·9 | 770·4 | 770·4 | 770·7 | 771·2 | 771·7 | 772·0 | 772·1 | 772·1 | 771·5 | 773·3 | 769·9 | 775·4 | 768·5 | October. |
| 770·7 | 770·5 | 770·8 | 770·9 | 771·1 | 771·5 | 772·1 | 772·3 | 772·3 | 772·3 | 771·7 | 773·6 | 770·2 | 775·2 | 768·0 | November. |
| 770·4 | 770·2 | 770·3 | 770·5 | 770·9 | 771·4 | 771·9 | 772·1 | 772·2 | 772·2 | 771·4 | 772·7 | 770·0 | 776·2 | 766·2 | December. |
| 770·2 | 770·0 | 770·0 | 770·0 | 770·2 | 770·6 | 771·1 | 771·4 | 771·7 | 771·5 | 771·0 | 772·6 | 769·5 | 776·5 | 765·6 | *Year.* |
| Ht.=15 Ft.) | | | | | | | | | | | | | | | |
| 1,009·1 | 1,009·0 | 1,009·0 | 1,009·5 | 1,010·1 | 1,010·7 | 1,011·2 | 1,011·5 | 1,011·6 | 1,011·5 | 1,010·6 | 1,012·0 | 1,008·9 | 1,014·2 | 1,005·4 | January. |
| 1,009·8 | 1,009·6 | 1,009·7 | 1,010·1 | 1,010·8 | 1,011·4 | 1,011·8 | 1,012·5 | 1,012·3 | 1,012·0 | 1,011·2 | 1,012·7 | 1,009·4 | 1,015·2 | 1,006·6 | February. |
| 1,009·0 | 1,008·7 | 1,008·9 | 1,009·3 | 1,009·9 | 1,010·5 | 1,011·1 | 1,011·5 | 1,011·6 | 1,011·4 | 1,010·3 | 1,012·0 | 1,008·6 | 1,013·9 | 1,006·4 | March. |
| 1,008·9 | 1,008·6 | 1,008·8 | 1,009·2 | 1,009·7 | 1,010·4 | 1,010·8 | 1,011·0 | 1,011·1 | 1,011·0 | 1,010·2 | 1,011·9 | 1,008·3 | 1,015·8 | 1,005·6 | April. |
| 1,009·7 | 1,009·5 | 1,009·6 | 1,009·9 | 1,010·4 | 1,010·9 | 1,011·4 | 1,011·7 | 1,011·8 | 1,011·7 | 1,011·0 | 1,012·6 | 1,009·3 | 1,015·2 | 1,005·5 | May. |
| 1,010·3 | 1,010·2 | 1,010·4 | 1,010·8 | 1,011·3 | 1,011·7 | 1,012·3 | 1,012·5 | 1,012·4 | 1,012·3 | 1,011·6 | 1,012·9 | 1,009·8 | 1,014·3 | 1,008·9 | June. |
| 1,010·7 | 1,010·4 | 1,010·6 | 1,010·9 | 1,011·4 | 1,011·8 | 1,012·3 | 1,012·5 | 1,012·5 | 1,012·5 | 1,011·7 | 1,012·9 | 1,010·3 | 1,014·2 | 1,008·3 | July. |
| 1,010·8 | 1,010·6 | 1,010·7 | 1,010·9 | 1,011·6 | 1,012·0 | 1,012·5 | 1,012·7 | 1,012·8 | 1,012·7 | 1,011·9 | 1,013·3 | 1,010·5 | 1,015·3 | 1,008·9 | August. |
| 1,010·3 | 1,010·0 | 1,010·1 | 1,010·7 | 1,011·3 | 1,011·8 | 1,012·1 | 1,012·4 | 1,012·5 | 1,012·3 | 1,011·5 | 1,013·0 | 1,009·9 | 1,014·4 | 1,008·3 | September. |
| 1,010·3 | 1,010·1 | 1,010·3 | 1,010·8 | 1,011·4 | 1,011·9 | 1,012·5 | 1,012·6 | 1,012·6 | 1,012·4 | 1,011·7 | 1,013·3 | 1,010·1 | 1,015·3 | 1,007·8 | October. |
| 1,010·1 | 1,010·1 | 1,010·2 | 1,010·8 | 1,011·4 | 1,011·9 | 1,012·5 | 1,012·8 | 1,012·8 | 1,012·6 | 1,011·8 | 1,013·3 | 1,010·0 | 1,014·6 | 1,007·6 | November. |
| 1,008·6 | 1,008·2 | 1,008·4 | 1,008·8 | 1,009·4 | 1,010·0 | 1,010·6 | 1,010·9 | 1,010·9 | 1,010·8 | 1,010·0 | 1,011·5 | 1,008·2 | 1,015·1 | 1,005·0 | December. |
| 1,009·8 | 1,009·6 | 1,009·7 | 1,010·1 | 1,010·7 | 1,011·3 | 1,011·7 | 1,012·1 | 1,012·1 | 1,011·9 | 1,011·1 | 1,012·6 | 1,009·4 | 1,015·8 | 1,005·0 | *Year.* |

Figures in italics are totals of hourly rainfall which are not for the complete month.

## Table IX. Total hourly rainfall and the maximum in

### (Totals for sixty minutes from

| Hours (I. S. T.) Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | DUM |
| January | 0 | 0·12 | 0·15 | 0·08 | 0·04 | 0·02 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0·02 | 1·24 | 0·19 | 0·13 | 0·26 | 0·17 | 0·04 | 0 | 0 | 0 | 0 | 0 | 0·33 |
| March | 0·15 | 0 | 0·05 | 0·13 | 0·22 | 0·08 | 0·05 | 0·21 | 0·05 | 0·03 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·48 | 0·13 | 0 | 0 | 0 | 0 |
| May | 0·03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·40 | 0 | 0 | 0·22 | 0 |
| June | 0·20 | 0·08 | 0·16 | 0·15 | 0·16 | 0·04 | 0·01 | 0·04 | 0·77 | 0·02 | 0·34 | 0·34 | 1·02 | 0·17 |
| July | 0·09 | 0·46 | 0·63 | 0·64 | 0·33 | 0·43 | 0·18 | 0·41 | 0·10 | 0·16 | 0·61 | 0·17 | 0·29 | 0·28 |
| August | 1·06 | 0·57 | 0·91 | 0·67 | 0·56 | 0·16 | 0·37 | 0·05 | 0·43 | 0·29 | 0·51 | 0·50 | 0·38 | 1·23 |
| September | 0·10 | 0·05 | 0·62 | 0·79 | 0·23 | 0·66 | 0·61 | 0·05 | 0·60 | 0·28 | 0·32 | 0·61 | 0·02 | 0·85 |
| October | 0·10 | 0 | 0 | 0·03 | 0·08 | 0·16 | 0·24 | 0·02 | 0 | 0·14 | 0·43 | 0·09 | 0·08 | 0·02 |
| November | 0·01 | 0·09 | 0·10 | 0·02 | 0·08 | 0·05 | 0·01 | 0·01 | 0·60 | 0·13 | 0·22 | 0·19 | 0·27 | 0·16 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·74 | 1·39 | 3·86 | 2·70 | 1·83 | 1·86 | 1·65 | 0·83 | 3·03 | 1·58 | 2·43 | 1·90 | 2·28 | 3·04 |
| | | | | | | | | | | | | | | CAL |
| January | 0·02 | 0·27 | 0·27 | 0·15 | 0·11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0·13 | 0·27 | 0 | 0·09 | 0·13 | 0·12 | 0 | 0 | 0 | 0 | 0 | 0·01 |
| March | 0 | 0 | 0 | 0·04 | 0·06 | 0·04 | 0·03 | 0·12 | 0·26 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·13 | 0 | 0 | 0·58 | 0·02 |
| June | 0·04 | 0·09 | 0·06 | 0·06 | 0·11 | 0·14 | 0·01 | 0·04 | 0·13 | 0·07 | 1·60 | 0·05 | 0·41 | 0·40 |
| July | 0·59 | 0·34 | 0·71 | 0·18 | 0·13 | 0·11 | 0·31 | 0·04 | 0·12 | 1·21 | 0·37 | 0·30 | 0·16 | 0·88 |
| August | 0·47 | 0·60 | 0·86 | 0·94 | 0·28 | 0·19 | 0·29 | 0·64 | 0·68 | 0·40 | 0·14 | 0·48 | 0·45 | 0·98 |
| September | 0·17 | 0·38 | 0·36 | 0·02 | 0·29 | 0·30 | 0·01 | 0·01 | 0·12 | 0·02 | 0·37 | 0·23 | 0·24 | 0·59 |
| October | 0·01 | 0 | 0 | 0·01 | 0 | 0·47 | 0·02 | 0·01 | 0·42 | 0·59 | 0·54 | 2·13 | 0·03 | 0·28 |
| November | 0·01 | 0·01 | 0·12 | 0 | 0·01 | 0·03 | 0·01 | 0 | 0·08 | 0·27 | 0·68 | 0·50 | 0·22 | 0·06 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·31 | 1·69 | 2·51 | 1·67 | 0·99 | 1·37 | 0·81 | 0·98 | 1·81 | 2·69 | 3·70 | 3·69 | 2·09 | 3·22 |
| | | | | | | | | | | | | | | SAUGOR |
| January | .. | .. | .. | .. | .. | .. | .. | .. | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0·01 | 0·10 | 0 | 0 | 0 | 0 | 0·01 | 0·02 | 0·08 | 1·36 | 0·06 | 0·05 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0·02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0·19 | 0·22 | 0·01 | 0 | 0 | 0·02 | 0·87 | 0 | 0 | 0 | 0 | 0 | 0 | 0·02 |
| June | 0·12 | 0·11 | 0·51 | 1·49 | 0·94 | 0·32 | 0·08 | 0·13 | 0·09 | 0·07 | 0·59 | 0·62 | 0·37 | 0·26 |
| July | 0·60 | 1·13 | 0·46 | 0·39 | 0·76 | 0·11 | 0·14 | 0·17 | 0·37 | 0·57 | 2·21 | 1·30 | 0·05 | 0·08 |
| August | 0·52 | 0·54 | . | .. | .. | .. | .. | 0·75 | 0·53 | 0·68 | 0·59 | 0·37 | 0·26 | 0·23 |
| September | 0·46 | 0·33 | 0·58 | 0·51 | 1·08 | 3·22 | 1·09 | 0·60 | 0·60 | 0·82 | 0·95 | 0·11 | 0·15 | 0·49 |
| October | 0·05 | 1·12 | 0·14 | 0·41 | 0·16 | 0·08 | 0·12 | 0·16 | 0·27 | 0·16 | 0·09 | 0·81 | 0·35 | 0·36 |
| November | 0·06 | 0·12 | 0·12 | 0·26 | 0·10 | 0·13 | 0·06 | 0·01 | 0·43 | 0·11 | 0·59 | 1·10 | 0·04 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | .. | .. | .. | .. | .. | .. | .. | | 2·37 | 3·77 | 5·08 | 4·36 | 1·22 | 1·44 |

## ne hour (in inches) at 18 stations for the year 1948.

## ll hour to full hour of I. S. T.)

| 14—15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount 0—24. | Maximum in one hour. Amount. | Date. | Time. | Total number of hours of rainfall. | Hours (I.S.T.) Months. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0·43 | 0·15 | 6 | 2—3 | 9 | January. |
| 0 | *0·05* | *0* | *0* | *0·25* | 0·05 | 0 | 0 | 0 | 0 | 2·73 | 1·19 | 6 | 2—3 | 19 | February. |
| 0 | 0·11 | 0·68 | 0·31 | 0·89 | 0·18 | 0·01 | 0 | 0·01 | 0 | 3·16 | 0·77 | 13 | 18—19 | 24 | March. |
| 0 | 0 | 0·08 | 0·14 | 0·06 | 0·03 | 0·06 | 0 | 0 | 0 | 0·98 | 0·47 | 29 | 8—9 | 8 | April. |
| 0 | 0·49 | 0·73 | 0·47 | 1·46 | 1·20 | 0·26 | 0·07 | 0·16 | 1·03 | 6·52 | 1·30 | 22 | 18—19 | 26 | May. |
| 0·74 | 0·89 | 0·73 | 0·65 | 0·11 | 1·25 | 0·53 | 1·33 | 1·98 | 0·12 | 11·83 | 1·55 | 19 | 22—23 | 76 | June. |
| 1·16 | 1·22 | 0·54 | 0·64 | 0·09 | 0·09 | 0·26 | 1·15 | 0·98 | 0·47 | 11·38 | 0·83 | 23 | 14—15 | 119 | July. |
| 1·01 | 1·75 | 0·59 | 0·47 | 0·17 | 0·27 | 0·27 | 0·36 | 1·85 | 0·72 | 15·15 | 1·40 | 26 | 15—16 | 119 | August. |
| 0·30 | 0·13 | 0·30 | 0·11 | 0 | 1·08 | 0·29 | 0·60 | 0·14 | 0·09 | 8·83 | 1·08 | 2 | 19—20 | 54 | September. |
| 0·31 | 0·09 | 0·03 | 0·57 | 0·15 | 0·07 | 0·05 | 0 | 0 | 0 | 2·66 | 0·54 | 2 | 17—18 | 85 | October. |
| 0·49 | 0·41 | 0·05 | 0·12 | 0·13 | 0·06 | 0·01 | 0·13 | 0·13 | 0·01 | 3·48 | 0·47 | 26 | 14—15 | 42 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 4·01 | 5·14 | 3·73 | 3·48 | 3·31 | 4·28 | 1·74 | 3·65 | 5·25 | 2·44 | 67·15 | 1·55 | VI | .. | 531 | *Year.* |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·82 | 0·27 | 6 | 1—2, 2—3 | 7 | January. |
| 0·22 | 0·11 | 0 | 0·03 | 0·03 | 0·20 | 0 | 0 | 0 | 0·08 | 1·42 | 0·27 | 6 | 3—4 | 17 | February. |
| 0 | 0 | 0·76 | 0·12 | 0·12 | 0·59 | 0·99 | 0 | 0 | 0 | 3·13 | 0·96 | 13 | 20—21 | 16 | March. |
| 0 | 0 | 0 | 0·25 | 0·21 | 0·14 | 0·02 | 0 | 0·01 | 0·03 | 0·66 | 0·24 | 25 | 17—18 | 7 | April. |
| 0 | 0 | 0·03 | 0·74 | 0·76 | 0·56 | 0·38 | 0·19 | 0·09 | 0·04 | 3·52 | 0·58 | 6 | 12—13 | 23 | May. |
| 0·86 | 0·39 | 1·41 | 0·24 | 0·60 | 0·50 | 0·33 | 0·13 | 1·07 | 0·19 | 8·93 | 1·60 | 22 | 10—11 | 52 | June. |
| 1·11 | 1·29 | 0·23 | 0·41 | 0·35 | 0·38 | 0·48 | 0 | 0·26 | 0·21 | 10·17 | 1·20 | 22 | 9—10 | 86 | July. |
| 0·82 | 0·27 | 0·03 | 0·20 | 0·22 | 0 | 0·17 | 0·21 | 2·55 | 1·41 | 13·28 | 1·20 | 3 | 22—23 | 96 | August. |
| 0·40 | 0·27 | 0·86 | 0·78 | 0·04 | 0·06 | 0·09 | 0·59 | 0·07 | 0·02 | 6·29 | 0·56 | 10 | 13—14 | 67 | September. |
| 0·11 | 0·14 | 0 | 0·48 | 0·55 | 0·15 | 0·08 | 0·03 | 0·02 | 0·01 | 6·08 | 1·64 | 9 | 11—12 | 29 | October. |
| 0·55 | 0·06 | 0·05 | 0·12 | 0·22 | 0·14 | 0·10 | 0·06 | 0·16 | 0·02 | 3·48 | 0·60 | 28 | 10—11 | 82 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 4·07 | 2·53 | 3·37 | 3·37 | 3·10 | 2·72 | 2·64 | 1·21 | 4·23 | 2·01 | 57·78 | 1·64 | X | .. | 482 | *Year.* |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | .. | .. | .. | .. | January. |
| 0 | 0·03 | 0·01 | 0·01 | 0·02 | 0·35 | 0·08 | 0·03 | 0 | 0 | 2·22 | 1·36 | 6 | 9—10 | 16 | Faburary |
| 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·02 | 0·01 | 0 | 0·05 | 0·02 | 14 | 21—22 | 4 | March. |
| 0 | 0 | 0 | 0·28 | 0 | 1·14 | 0·20 | 0·01 | 0·01 | 0 | 1·66 | 0·80 | 19 | 19—20 | 8 | April. |
| 0 | 0·05 | 0 | 0 | 0·67 | 0·30 | 0·20 | 0·78 | 0·07 | 0·05 | 3·45 | 0·87 | 2 | 6—7 | 29 | May. |
| 0·05 | 0 | 0 | 0·01 | 0·70 | 0·15 | 0·08 | 1·01 | 0·98 | 0·30 | 8·98 | 1·00 | 13 | 21—22 | 53 | June. |
| 0·02 | 0·01 | 0·03 | 0·21 | 0·04 | 0·01 | 0·13 | 0·02 | 0·38 | 0·89 | 10·08 | 1·86 | 22 | 10—11 | 89 | July. |
| 0·03 | 0·03 | 0·26 | 0·27 | 0·02 | 0·18 | 0·17 | 0·10 | 0·19 | 0·44 | .. | .. | .. | .. | .. | August. |
| 0·40 | 0·17 | 0·06 | 0·05 | 0·46 | 0·30 | 0·13 | 0·26 | 0·08 | 0·36 | 13·26 | 1·92 | 4 | 5—6 | 138 | September. |
| 0·28 | 0·18 | 0·13 | 0·02 | 0·01 | 0·01 | 0·06 | 0·03 | 0 | 0·30 | 5·30 | 0·83 | 3 | 1—2 | 39 | October |
| 0 | 0·02 | 0·07 | 0·07 | 0·31 | 0·54 | 0·34 | 0·08 | 0·01 | 0·07 | 4·64 | 0·52 | 28 | 11—12 | 46 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 0·78 | 0·49 | 0·56 | 0·92 | 2·23 | 2·98 | 1·40 | 2·34 | 1·73 | .. | .. | .. | .. | .. | .. | *Year.* |

Figures in italics are means of data which are not available for a complete month.

## Table IX.—Total hourly rainfall and the maximum in

### (Totals for sixty minutes from

| Hours (I. S. T.). Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | JAMSHEDPUR. |
| January | 0·01 | 0 | 0·01 | 0·01 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0·10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·02 | 0·06 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·17 | 0·05 | 0·06 | 0·04 | 0·21 | 0·61 | 0·11 | 0·13 | 0 | 0 | 0·01 | 0·68 | 0·07 | 0·30 |
| July | 0·31 | 0·11 | 0·11 | 1·87 | 1·49 | 0·29 | 1·07 | 1·08 | 0·30 | 0·09 | 0·09 | 0·02 | 0·63 | 0·58 |
| August | 0·45 | 0·55 | 0·61 | 0·07 | 0·01 | 0·05 | 0·26 | 0·19 | 0 | 1·05 | 0·84 | 0·53 | 0·12 | 0·02 |
| September | 0·10 | 0·20 | 0·15 | 0·64 | 0·09 | 0·07 | 0·15 | 0·61 | 0·15 | 0·19 | 0·56 | 0·66 | 0·85 | 0·57 |
| October | 0·03 | 0·02 | 0 | 0 | 0 | 0 | 0·01 | 0·01 | 0·01 | 0 | 0 | 0·02 | 0 | 0·08 |
| November | 0·09 | 0 | 0·04 | 0·04 | 0·22 | 0·75 | 0·10 | 0 | 0 | 0·01 | 0 | 0 | 0·02 | 0·02 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·26 | 0·94 | 0·98 | 2·67 | 2·02 | 1·78 | 1·70 | 2·02 | 0·46 | 1·34 | 1·50 | 1·92 | 1·71 | 1·63 |
| | | | | | | | | | | | | | | GAYA. |
| January | 0·01 | 0·03 | 0·02 | 0·07 | 0 | 0·02 | 0 | 0·06 | 0·09 | 0·04 | 0 | 0·06 | 0·03 | 0·04 |
| February | 0·01 | 0·02 | 0·04 | 0·15 | 0·02 | 0 | 0·01 | 0·03 | 0·02 | 0 | 0 | 0 | 0 | 0 |
| March | 0·02 | 0 | 0 | 0·01 | 0·08 | 0 | 0·15 | 0·05 | .. | 0 | .. | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0·03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·07 | 0·21 | 0·31 | 0·01 | 0 | 0·01 | 0 | 0·14 | 0·74 | 0·02 | 0·02 | 0 | 0·22 | 0·29 |
| July | 0·15 | 0·55 | 0·14 | 0·09 | 0·55 | 0·27 | 0·02 | 0 | 0·21 | 0·14 | 0·08 | 0·4[illegible] | 0·50 | 0·83 |
| August | 0·66 | 0·68 | 0·58 | 1·10 | 0·46 | 1·05 | 1·75 | 0·72 | 0·98 | 0·57 | 0·19 | 0·81 | 0·67 | 0·61 |
| September | 0·08 | 0·32 | 0·04 | 0·60 | 1·94 | 1·06 | 0·64 | 0·22 | 0·16 | 0·22 | 0·29 | 0·15 | 0·32 | 0·15 |
| October | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0 | 0 | 0·01 | 0·14 | 0·77 | 0·07 |
| November | 0 | 0·03 | 0·07 | 0·14 | 0·52 | 0·61 | 0·03 | 0 | 0 | 0 | 0 | 0·06 | 0 | 0·02 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·03 | 1·84 | 1·20 | 2·17 | 3·57 | 3·02 | 2·60 | 1·24 | .. | 0·99 | .. | 1·69 | 2·51 | 2·01 |
| | | | | | | | | | | | | | | ALLAHABAD. |
| January | 0 | 0·01 | 0·01 | 0 | 0·01 | 0 | 0·01 | 0·01 | 0·01 | 0 | 0 | 0 | 0·12 | 0 |
| February | 0·01 | 0·01 | 0·21 | 0·09 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·01 | 0·07 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·43 | 0·97 | 0·76 | 0·43 | 1·08 | 0·63 | 0·24 | 0·32 | 0·18 | 0·03 | 0·02 | 0·47 | 0·23 | 0·50 |
| July | 2·46 | 2·32 | 1·36 | 0·71 | 0·30 | 1·01 | 0·94 | 0·66 | 0·37 | 0·09 | 0·11 | 0·12 | 1·29 | 0·67 |
| August | 0·72 | 0·75 | 0·14 | 2·86 | 1·02 | 0·48 | 0·22 | 0·26 | 0·22 | 0·98 | 0·77 | 0·78 | 0·91 | 0·88 |
| September | *0·10* | *0·51* | *0·30* | *0·17* | *0·03* | *0·09* | *0·12* | *0·25* | *1·09* | *0·73* | *0·22* | *0·94* | *0·08* | *0·07* |
| October | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* | *0* |
| November | 0·01 | 0·01 | 0·04 | 0·08 | 0·06 | 0·02 | 0 | 0·01 | 0·05 | 0·06 | 0·07 | 0·12 | 0·10 | 0·02 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 3·73 | 4·58 | 2·82 | 4·34 | 2·50 | 2·23 | 1·53 | 1·51 | 1·92 | 1·90 | 1·20 | 2·50 | 2·73 | 2·14 |

Figures in italics are means of data which are not available for a complete month.
*The hours in this case refer to L.M.T.

## ne hour (in inches) at 18 stations for the year 1948

## ll hour to full hour of I. S. T.)

| 4—15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount 0—24. | Maximum in one hour. Amount. | Date. | Time. | Total number of hours of rainfall. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0 | 0 | 0 | 0 | 0·48 | 0·31 | 0·18 | 0·01 | 0·01 | 0 | 1·03 | 0·48 | 5 | 18—19 | 11 | January. |
| 0 | 0·56 | 0·08 | 0 | 0 | 0 | 0·02 | 0·01 | 0 | 0 | 0·67 | 0·41 | 4 | 15—16 | 7 | February. |
| 0·22 | 0·16 | 0·27 | 0 | 0·38 | 0·15 | 0·04 | 0·20 | 0·18 | 0·47 | 2·26 | 0·38 | 23 | 18—19 | 17 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0·86 | 0·17 | 1·36 | 1·30 | 0·07 | 0·05 | 1·15 | 0·01 | 0 | 0 | 4·97 | 1·12 | 25 | 20—21 | 23 | May. |
| 1·84 | 1·26 | 0·29 | 0·07 | 0·32 | 0·31 | 0·66 | 0·11 | 0·03 | 0·02 | 7·35 | 0·74 | 28 | 14—15 | 18 | June. |
| 1·56 | 0·62 | 0·98 | 2·87 | 2·79 | 2·99 | 1·23 | 0·69 | 1·95 | 0·67 | 24·39 | 1·86 | 4 | 17—18 | 116 | July. |
| 0·17 | 1·26 | 0·52 | 0·11 | 0·17 | 0·14 | 0·09 | 0·07 | 0·78 | 0·05 | 8·11 | 1·00 | 20 | 9—10 | 80 | August. |
| 0·09 | 0·25 | 0·39 | 0·50 | 1·27 | 0·46 | 0·92 | 0·22 | 0·26 | 0·04 | 9·39 | 0·64 | 3 | 3—4 | 97 | September. |
| 0 | 0·03 | 0·35 | 0·17 | 0·08 | 0·13 | 0·59 | 0·01 | 0 | 0 | 1·54 | 0·59 | 15 | 20—21 | 21 | October. |
| 0 | 0·02 | 0·03 | 0·02 | 0·02 | 0·26 | 0·16 | 0·16 | 0·29 | 0·76 | 3·01 | 0·70 | 25 | 23—24 | 33 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 4·74 | 4·33 | 4·27 | 5·04 | 5·58 | 4·80 | 5·04 | 1·49 | 3·50 | 2·01 | 62·72 | 1·86 | VII | .. | 423 | *Year.* |
| 0·05 | 0·12 | 0·22 | 0·08 | 0·06 | 0·01 | 0 | 0 | 0 | 0 | 0·99 | 0·22 | 5 | 16—17 | 18 | January. |
| 0 | 0·04 | 0 | 0·03 | 0·01 | 0 | 0 | 0·03 | 0 | 0 | 0·41 | 0·11 | 19 | 3—4 | 13 | February. |
| 0 | 0 | 0 | 0 | 0 | 0·58 | 0·03 | 0·01 | 0 | 0 | .. | 0·58 | 24 | 19—20 | 11 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0·04 | 0 | 0 | 0 | 0 | 0 | 0·07 | 0·04 | 10 | 18—19 | 2 | May. |
| 0·28 | 0·77 | 0·04 | 0·08 | .. | .. | 0 | 0·01 | 0 | 0 | .. | 0·74 | 26 | 8—9 | 36 | June. |
| 0·29 | 2·07 | 0·38 | 0·82 | 1·02 | 0·93 | 1·69 | 0·12 | 0·17 | 0·30 | 11·79 | 1·02 | 15 | 15—16 | 104 | July. |
| 0·54 | 1·25 | 0·91 | 0·49 | 0·28 | 1·06 | 0·35 | 0·86 | 0·85 | 0·84 | 18·26 | 1·31 | 6 | 6—7 | 113 | August. |
| 0·07 | 0·02 | 1·12 | 0·08 | 0·87 | 0·28 | 0·14 | 0·47 | 0·67 | 0·74 | 10·65 | 1·85 | 13 | 4—5 | 64 | September. |
| 0 | 0 | 0·48 | 0·08 | 1·00 | 0·01 | 0 | 0 | 0 | 0·05 | 2·63 | 1·00 | 10 | 18—19 | 13 | October. |
| 0 | 0 | 0 | 0·04 | 0 | 0 | 0 | 0·05 | 0 | 0 | 1·57 | 0·50 | 27 | 4—5 | 24 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 1·23 | 4·27 | 3·15 | 1·70 | .. | .. | 2·21 | 1·55 | 1·69 | 1·93 | .. | 1·85 | IX | .. | 398 | *Year.* |
| 0 | 0·01 | 0·11 | 0·01 | 0·15 | 0·10 | 0·01 | 0·01 | 0·01 | 0 | 0·59 | 0·12 | 4 | 12—13 | 19 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0·43 | 0·21 | 19 | 2—3 | 9 | February. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·01 | 22 | 18—19 | 1 | May. |
| 0·04 | 0·02 | 0·05 | 1·15 | 0·53 | 0·07 | 0·17 | 0·22 | 0·28 | 1·32 | 10·14 | 1·22 | 27 | 23—24 | 60 | June. |
| 0·91 | 0·57 | 1·22 | 0·66 | 0·23 | 0·08 | 0·07 | 0·49 | 0·06 | 0·12 | 16·82 | 1·14 | 19 | 1—2 | 117 | July. |
| 0·16 | 0·68 | 0·29 | 0·51 | 0·41 | 0·41 | 0·05 | 0·10 | 0·41 | 0·49 | 14·50 | 1·88 | 22 | 3—4 | 110 | August. |
| *0·39* | *0·25* | *0·53* | *0·79* | *0·27* | *0·22* | *0·28* | *0·09* | *0·05* | *0·13* | *7·70* | 0·94 | 14 | 11—12 | 77 | September. |
| *0* | *0* | *0* | *0* | *0·02* | *0* | *0* | *0·02* | *0* | *0* | *0·04* | 0·02 | 6 | 18—19 | 2 | October. |
| 0·02 | 0·03 | 0·16 | 0·23 | 0·22 | 0·06 | 0·09 | 0·05 | 0·03 | 0·22 | 1·76 | 0·19 | 21 | 19—20 23—24 | 45 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 1·52 | 1·56 | 2·36 | 3·35 | 1·84 | 0·94 | 0·67 | 0·98 | 0·84 | 2·30 | 51·99 | 1·88 | VIII | .. | 440 | *Year.* |

Figures in italics are means of data which are not availabe for a complete month.

## Table IX.—Total hourly rainfall and the maximum

### (Totals for sixty minutes from

| Hours (I.S.T.) Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NEW DELHI.** | | | | | | | | | | | | | | |
| January | 0·01 | 0 | 0 | 0·01 | 0·02 | 0·05 | 0·04 | 0·27 | 0·29 | 0·28 | 0·16 | 0·17 | 0 | 0·04 |
| February | 0·01 | 0·04 | 0·01 | 0·02 | 0·01 | 0 | 0 | 0·01 | 0·01 | 0 | 0·08 | 0·02 | 0 | 0 |
| March | 0·08 | 0·04 | 0·13 | 0 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0 | 0·01 | 0·04 | 0·03 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0·37 | 0 | 0 | 0·02 | 0·01 | 0·02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 0 | 0 | 0·08 | 0·40 | 0·20 | 0·05 | 0·10 | 0·11 | 0 | 0·41 | 0·20 | 0·21 | 0·10 | 0·01 |
| August | 0·03 | 0 | 0·02 | 0·23 | 1·10 | 0·22 | 1·44 | 0·09 | 0·15 | 0·09 | 0·19 | 0·35 | 0·50 | 0 |
| September | 0 | 0·24 | 0·13 | 0·02 | 0·03 | 0·01 | 0·51 | 0·96 | 3·20 | 0·24 | 0·06 | 0·12 | 0·07 | 0·14 |
| October | 0 | 0 | 0·01 | 0 | 0 | 0·01 | 0·03 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 0·13 | 0·69 | 0·38 | 0·68 | 1·38 | 0·35 | 2·14 | 1·44 | 3·66 | 0·84 | 0·49 | 0·88 | 0·71 | 0·22 |
| **JODHPUR.** | | | | | | | | | | | | | | |
| January | 0·06 | 0·03 | 0·03 | 0·02 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0·02 |
| February | 0·01 | 0 | 0·07 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·03 | 0 |
| March | 0 | 0·01 | 0 | 0·01 | 0·04 | 0·06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | *0·12* | *0·13* | *0·16* | *0·20* | *0·25* | *0·30* | *0·19* | *1·30* | *1·27* | *0·24* | *0·14* | *0* | *0* | *0·* |
| August | 0·01 | 0·01 | 0·04 | 0·58 | 0·58 | 0·01 | 0·02 | 0·22 | 0·01 | 0·02 | 0·04 | 0·02 | 0·05 | 0·37 |
| September | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 |
| October | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BARODA.** | | | | | | | | | | | | | | |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0 | 0·08 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 0·18 | 1·31 | 0·73 | 0·23 | 0·15 | 0·12 | 0·10 | 0·02 | 0·10 | 0·33 | 0·23 | 0·27 | 0·44 | 0·15 |
| August | 0·11 | 0·02 | 0·08 | 0 | 0 | 0 | 0·13 | 0·11 | 0·03 | 0·04 | 0·24 | 0·02 | 0·04 | 0·17 |
| September | 0·13 | 0·15 | 0·02 | 0·10 | 0·18 | 0·06 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0·03 | 0·87 |
| October | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 0·42 | 1·56 | 0·83 | 0·33 | 0·33 | 0·18 | 0·23 | 0·13 | 0·13 | 0·37 | 0·47 | 0·31 | 0·51 | 1·1[illegible] |

Figures in italics are means of data which are not available for a complete month.
*Data not available.

**one hour (in inches) at 18 stations for the year 1948.**

**l hour to full hour of I. S. T.)**

| 4—15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount 0—24. | Maximum in one hour. | | | Total number of hours of rainfall. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Amount. | Date. | Time. | | |
| 0·03 | 0·05 | 0·19 | 0·17 | 0·13 | 0·03 | 0·01 | 0 | 0·02 | 0 | 1·77 | 0·28 | 2 | 8—9 | 29 | January. |
| 0 | 0 | 0·01 | 0 | 0·01 | 0 | 0 | 0 | 0·01 | 0·33 | 0·57 | 0·26 | 20 | 23—24 | 14 | February. |
| 0·03 | 0·02 | 0·06 | 0 01 | 0·07 | 0·09 | 0·03 | 0·01 | 0·01 | 0·08 | 0·76 | 0·13 | 9 | 2—3 | 22 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0·04 | 0·16 | 0·01 | 0·02 | 0 | 0 | 0·01 | 0 | 0·01 | 0·25 | 0·16 | 23 | 16—17 | 6 | May. |
| 0 | 0 | 0·01 | 0·02 | 0·05 | 0 | 0 | 0·01 | 0 | 0 | 0·51 | 0·37 | 27 | 1—2 | 8 | June. |
| 0·22 | 0·04 | 0·61 | 0·24 | 0·05 | 0·03 | 0 | 0 | 0 | 0 | 3·06 | 0·40 | 21 | 3—4 | 31 | July. |
| 0 | 0·20 | 0·18 | 0·40 | 0·44 | 0·26 | 0·31 | 0·01 | 0 | 0·94 | 7·15 | 1·20 | 3 | 6—7 | 46 | August. |
| 0·85 | 0·99 | 0·05 | 0·04 | 0·03 | 0 | 0 | 0 | 0 | 0 | 7·69 | 3·12 | 7 | 8—9 | 29 | September. |
| 0 | 0 | 0 | 0·36 | 0 | 0 | 0 | 0 | 0 | 0 | 0·42 | 0·36 | 30 | 17—18 | 5 | October. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 1·13 | 1·34 | 1·27 | 1·25 | 0·80 | 0·41 | 0·35 | 0·04 | 0·04 | 1·36 | 22·18 | 3·12 | IX | .. | 190 | *Year.* |
| 0·01 | 0·02 | 0·54 | 0·04 | 0·15 | 0·04 | 0·04 | 0 | 0·01 | 0·14 | 1·17 | 0·52 | 18 | 16—17 | 19 | January. |
| 0·01 | 0 | 0 | 0 | 0·01 | 0·01 | 0·01 | 0 | 0 | 0·16 | 0·22 | 0·16 | 20 | 23—24 | 9 | February. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·12 | 0·06 | 11 | 5—6 | 4 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | May. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | June. |
| *0·04* | *0·39* | *0·05* | *0* | *0·02* | *0·06* | *0·06* | *0·04* | *0·07* | *0·05* | *5·08* | *1·24* | *29* | *8—9* | 38 | July. |
| 0·04 | 0 | 0 | 1·05 | 0·05 | 0·32 | 0·22 | 0·01 | 0·02 | 0 | 3·69 | 0·58 | 11 | 17—18 | 37 | August. |
| 0 | 0·01 | 0 | 0·05 | 0 | 0 | 0 | 0 | 0 | 0 | 0·07 | 0·05 | 23 | 17—18 | 3 | September. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | October. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | February. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | May. |
| 0 | 0 | 0·22 | 0·10 | 0·12 | 0·04 | 0·02 | 0 | 0·24 | 0 | 0·82 | 0·24 | 13 | 22—23 | 10 | June. |
| 0·08 | 0·26 | 0·19 | 0·15 | 0·02 | 0·01 | 0·03 | 0·61 | 0·53 | 0·29 | 6·53 | 0·99 | 9 | 1—2 | 74 | July. |
| 0·02 | 0·32 | 0·21 | 0·08 | 0·01 | 0·54 | 0·02 | 0·52 | 0·32 | 0·27 | 3·30 | 0·52 | 12 | 19—20 | 54 | August. |
| 0·23 | 0·07 | 0·08 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0·05 | 2·01 | 0·80 | 28 | 13—14 | 18 | September. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | October. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 0·33 | 0·65 | 0·70 | 0·33 | 0·15 | 0·59 | 0·07 | 1·18 | 1·11 | 0·61 | 12·66 | 0·99 | VII | .. | 156 | *Year.* |

## Table IX—Total hourly rainfall and the maximum

### (Totals for sixty minutes from

| Hours (I.S.T.) Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **NAGPUR.** | | | | | | | | | | | | | | |
| January | 0·55 | 0·41 | 0·64 | 0·28 | 0·11 | 0·10 | 0 | 0·04 | 0·09 | 0 | 0 | 0·18 | 0·08 | 0 |
| February | 0·11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·07 | 0·45 | 0 | 0·03 | 0·06 | 0·06 | 0·04 | 0·04 | 0·02 | 0·14 | 0·15 | 0·01 | 0 | 0·30 |
| July | 0·67 | 1·48 | 0·79 | 0·31 | 0·12 | 0·13 | 0·13 | 0·06 | 0·47 | 0·86 | 0·83 | 0·35 | 0·27 | 0·44 |
| August | 0·06 | 0·16 | 0·17 | 0·17 | 0·23 | 0·45 | 0·04 | 0·11 | 0·27 | 0·77 | 0·38 | 0·13 | 0·18 | 0·45 |
| September | 0·10 | 0·02 | 0·03 | 0·46 | 0·49 | 1·18 | 0·08 | 0·08 | 0·12 | 0·41 | 0·20 | 0·08 | 0·14 | 0·08 |
| October | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 0·07 | 0·40 | 0·55 | 0·13 | 0·28 | 0·25 | 0·07 | 0·33 | 0·10 | 0·02 | 0·01 | 0 | 0·18 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·63 | 2·92 | 2·18 | 1·89 | 1·30 | 2·17 | 0·86 | 0·66 | 1·07 | 2·20 | 1·57 | 0·75 | 0·80 | 1·27 |
| **BOMBAY.** | | | | | | | | | | | | | | |
| January | 0·01 | 0·08 | 0·01 | 0·04 | 0·05 | 0 | 0·01 | 0 | 0·01 | 0 | 0 | 0 | 0·03 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·18 | 0·02 | 0·69 | 0·10 | 0·28 | 0·78 | 1·49 | 0·68 | 0·18 | 0·07 | 0·43 | 0·69 | 0·65 | 0·44 |
| July | 0·66 | 0·26 | 1·63 | 1·38 | 1·14 | 0·46 | 0·96 | 0·38 | 1·84 | 1·64 | 1·00 | 1·47 | 2·50 | 1·50 |
| August | 0·22 | 0·60 | 0·94 | 0·74 | 0·62 | 0·79 | 1·17 | 1·55 | 0·58 | 0·87 | 0·67 | 1·97 | 1·23 | 0·72 |
| September | 0·23 | 0·41 | 0·18 | 0·34 | 0·58 | 0·59 | 0·58 | 0·32 | 0·19 | 1·08 | 0·19 | 0·45 | 1·42 | 0·44 |
| October | 0 | 0 | 0 | 0·01 | 0 | 0 | 0·26 | 1·70 | 0 | 0 | 0 | 0 | 0 | 0 |
| November | 0·55 | 0·15 | 0·54 | 1·25 | 0·45 | 0·11 | 0·17 | 0·11 | 0 | 0·02 | 0 | 0·29 | 0·03 | 0·03 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·85 | 1·52 | 3·99 | 3·86 | 3·07 | 2·68 | 4·64 | 4·74 | 2·80 | 3·68 | 2·29 | 4·87 | 5·86 | 3·13 |
| **POONA.** | | | | | | | | | | | | | | |
| January | 0 | 0 | 0·04 | 0·01 | 0 | 0·06 | 0·07 | 0·21 | 0·40 | 0·26 | 0·02 | 0 | 0·04 | 0·01 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·24 | 0·25 | 0·26 | 0·06 | 0·06 | 0·15 | 0·30 | 0·24 | 0·01 | 0·03 | 0·07 | 0·02 | 0 | 0·24 |
| July | 0·04 | 0·05 | 0·05 | 0·12 | 0·11 | 0·06 | 0·02 | 0·13 | 0·05 | 0·15 | 0 | 0·07 | 0·06 | 0·27 |
| August | 0·04 | 0·07 | 0·07 | 0·05 | 0·13 | 0·12 | 0·08 | 0·25 | 0·28 | 0·06 | 0·08 | 0·21 | 0·07 | 0·05 |
| September | 0·13 | 0·27 | 0·15 | 0·12 | 0·13 | 0·12 | 0·33 | 0·18 | 0·20 | 0·23 | 0·04 | 0·04 | 0 | 0 |
| October | 0·01 | 0 | 0 | 0·05 | 0·14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·04 | 0 |
| November | 1·09 | 0·24 | 0·35 | 0·0 | 0·13 | 0·24 | 0·03 | 0·11 | 0·41 | 0·11 | 0·07 | 1·32 | 0·28 | 0·05 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 1·55 | 0·88 | 0·92 | 0·51 | 0·70 | 0·75 | 0·83 | 1·12 | 1·35 | 0·84 | 0·28 | 1·66 | 0·49 | 0·62 |

* 'The hours in this case refer to L. M. T.'

**one hour (in inches) at 18 stations for the year 1948.**

**l hour to full hour of I. S. T.)**

| —15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount 0—24 | Maximum in one hour. | | | Total number of hours of rainfall. | Hours (I.S.T.). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | Amount. | Date. | Time. | | |
| 0 | 0 | 0·03 | 0·27 | 0·48 | 0·17 | 0·03 | 0·04 | 0·18 | 0·06 | 3·74 | 0·55 | 4 | 0—1 | 18 | January. |
| 0·06 | 0·03 | 0 | 0·06 | 0 | 0 | 0·03 | 0 | 0·34 | 0·28 | 0·91 | 0·34 | 21 | 22—23 | 4 | February. |
| 0 | 0 | 0 | 0·05 | 0 | 0·40 | 0·07 | 0·17 | 0·01 | 0·01 | 0·72 | 0·40 | 30 | 19—20 | 10 | March. |
| 0 | 0 | 0 | 0·14 | 0·35 | 0 | 0 | 0 | 0 | 0 | 0·50 | 0·35 | 26 | 18—19 | 2 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | May. |
| 0·25 | 0·02 | 0·02 | 0·10 | 0·56 | 0·04 | 0·05 | 0·15 | 0·04 | 0·06 | 2·66 | 0·45 | 28 | 1—2 | 37 | June. |
| 1·02 | 0·91 | 0·74 | 0·92 | 0·51 | 1·07 | 1·63 | 2·41 | 1·28 | 0·96 | 18·36 | 1·54 | 7 | 21—22 | 142 | July. |
| 0·82 | 0·27 | 0·23 | 0·20 | 0·26 | 0·30 | 0·35 | 0·75 | 0·37 | 0·03 | 7·15 | 0·69 | 28 | 9—10 | 111 | August. |
| 0·19 | 0·66 | 1·96 | 0·06 | 0·07 | 0·24 | 0·11 | 0·22 | 0·24 | 0·06 | 7·28 | 1·25 | 12 | 16—17 | 55 | September. |
| 0·50 | 0·31 | 0·03 | 0·17 | 0 | 0 | 0·01 | 0 | 0 | 0 | 1·02 | 0·50 | 9 | 14—15 | 3 | October. |
| 0·38 | 0·58 | 0 | 0·06 | 0·05 | 0·01 | 0·10 | 0·03 | 0·09 | 0·08 | 3·72 | 0·49 | 5 | 15—16 | 30 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 3·22 | 2·78 | 3·01 | 2·03 | 2·28 | 2·23 | 2·38 | 3·77 | 2·55 | 1·54 | 43·06 | 1·54 | VII | .. | 412 | *Year.* |
| 0·02 | 0 | 0 | 0 | 0 | 0·05 | 0 | 0 | 0·03 | 0·01 | 0·35 | 0·06 | 19 | 1—2 | 14 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | February. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | May. |
| 0·23 | 0·68 | 0·90 | 0·64 | 0·20 | 0·19 | 0·25 | 0·03 | 0·04 | 0·10 | 9·98 | 0·80 | 14 | 6—7 | 83 | June. |
| 2·10 | 2·96 | 1·17 | 0·74 | 0·55 | 0·65 | 0·14 | 0·42 | 1·00 | 0·62 | 27·17 | 2·00 | 8 | 15—16 | 175 | July. |
| 0·64 | 0·48 | 0·58 | 0·36 | 0·22 | 0·50 | 0·09 | 0·38 | 0·80 | 0·73 | 17·45 | 0·78 | 15 | 11—12 | 165 | August. |
| 0·15 | 0·25 | 0·15 | 0·14 | 0·01 | 0·48 | 0·41 | 0·64 | 1·62 | 0·78 | 11·58 | 1·05 | 3 | 22—23 | 126 | September. |
| 0·07 | 0·01 | 0 | 0 | 0 | 0·02 | 0 | 0 | 0·07 | 0 | 2·14 | 1·70 | 11 | 7—8 | 8 | October. |
| 0 | 0·06 | 0·09 | 0·13 | 0·12 | 0·13 | 0 | 0 | 0·09 | 0·11 | 4·43 | 1·25 | 22 | 3—4 | 22 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 3·21 | 4·44 | 2·89 | 2·01 | 1·10 | 2·02 | 0·89 | 1·47 | 3·65 | 2·85 | 73·01 | 2·00 | VII | .. | 593 | *Year.* |
| 0·01 | 0·02 | 0·06 | 0 | 0 | 0·05 | 0 | 0 | 0 | 0 | 1·26 | 0·40 | 22 | 8—9 | 16 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | February. |
| 0 | 0 | 0 | 0 | 0 | 0·06 | 0·02 | 0·08 | 0 | 0 | 0·16 | 0·08 | 5 | 21—22 | 3 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | May. |
| 1·19 | 0·91 | 0·13 | 0·55 | 0·47 | 0·20 | 0·30 | 0·20 | 0·07 | 0·09 | 6·04 | 0·80 | 24 | 14—15 | 49 | June. |
| 0·19 | 0·36 | 0·43 | 0·21 | 0·07 | 0·41 | 0·24 | 0·30 | 0·24 | 0·06 | 3·69 | 0·22 | 15 | 19—20 | 86 | July. |
| 0·09 | 0·09 | 0·18 | 0·05 | 0·02 | 0·14 | 0·10 | 0·16 | 0·06 | 0·04 | 2·49 | 0·22 | 14 | 7—8 | 74 | August. |
| 0·59 | 0·19 | 0·16 | 0·02 | 0·38 | 0·16 | 0·16 | 0·06 | 0·09 | 0·06 | 3·81 | 0·49 | 18 | 14—15 | 38 | September. |
| 0 | 0 | 0·05 | 0·18 | 0·65 | 1·95 | 0·28 | 0·42 | 0 | 0·02 | 3·79 | 1·07 | 10 | 19—20 | 18 | October. |
| 0·81 | 1·11 | 0·07 | 0·05 | 0·23 | 0·45 | 0·07 | 0·40 | 0·36 | 0·26 | 7·84 | 0·78 | 14 | 0—1 | 53 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 2·38 | 2·68 | 1·08 | 1·06 | 1·82 | 3·42 | 1·17 | 1·62 | 0·82 | 0·53 | 20 | 1·07 | X | .. | 337 | *Year.* |

## Table IX—Total hourly rainfall and the maximum

(Totals for sixty minutes

| Hours. (I.S.T.) Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | HYDERABAD. | |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·05 |
| April | 0 | 0·01 | 0·04 | 0·71 | 0·76 | 0·09 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·04 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·01 | 0 | 0·05 | 0 | 0·08 | 0·04 | 0·09 | 0·62 | 0·11 | 0 | 0 | 0 | 0 | 0 |
| July | 0·19 | 0·11 | 0·05 | 0·09 | 0·09 | 0·02 | 0·05 | 0·04 | 0·02 | 0 | 0·02 | 0·01 | 0·01 | 0·01 |
| August | 0·08 | 0·02 | 0·09 | 0·22 | 0·14 | 0·41 | 0·29 | 0·05 | 0 | 0 | 0 | 0·85 | 1·10 | 0·01 |
| September | 0·01 | 0·04 | 0·12 | 0 | 0·07 | 0·04 | 0·06 | 0·11 | 0·09 | 0·29 | 0·08 | 0·15 | 0·47 | 1·01 |
| October | 0 | 0·06 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 |
| November | 0·19 | 2·34 | 0·88 | 0·12 | 0·25 | 0·10 | 0·04 | 0·03 | 0·06 | 0 | 0·09 | 0 | 0·08 | 0·13 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 0·48 | 2·58 | 0·78 | 1·14 | 1·89 | 0·70 | 0·54 | 0·89 | 0·28 | 0·29 | 0·19 | 0·51 | 1·66 | 1·22 |
| | | | | | | | | | | | | | MADRAS. | |
| January | 0·27 | 0·21 | 0·26 | 0·16 | 0·12 | 0·01 | 0 | 0 | 0·27 | 0·42 | 0 | 0·01 | 0·80 | 0·08 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·44 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·10 | 0·12 | 0 | 0 | 0·02 | 0·08 |
| June | 0 | 0 | 0 | 0 | 0 | 0 | 0·14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| July | 0·11 | 0·04 | 0·01 | 0 | 0 | 0·04 | 0·01 | 0·01 | 0·20 | 0·48 | 0 | 0 | 0 | 0·26 |
| August | 0·45 | 0·11 | 0·06 | 0·03 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0·19 | 0·04 |
| September | 0·20 | 0·18 | 0·42 | 0·17 | 0·31 | 0·16 | 0·20 | 0·04 | 0 | 0 | 0 | 0 | 0 | 0 |
| October | 1·67 | 1·07 | 0·18 | 1·81 | 0·26 | 0·10 | 0·07 | 0·05 | 0·11 | 0·10 | 0·08 | 0·33 | 1·96 | 0·33 |
| November | 0·82 | 0·55 | 1·06 | 0·44 | 0·11 | 0·09 | 0·25 | 0·24 | 0·44 | 1·11 | 0·88 | 0·16 | 0·39 | 0·11 |
| December | 0·25 | 0·16 | 0·22 | 0·01 | 0 | 0·03 | 0·05 | 0·03 | 0 | 0·10 | 0·10 | 0·12 | 0·16 | 1·08 |
| Year | 3·27 | 2·32 | 2·16 | 2·62 | 0·81 | 0·43 | 0·72 | 0·37 | 1·12 | 2·33 | 1·00 | 0·58 | 3·02 | 0·98 |
| | | | | | | | | | | | | | CHERRAPUNJI. | |
| January | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 0·11 | 0·10 | 0·04 | 0 | 0·08 | 0·02 | 0·02 | 0 | 0 | 0·10 | 0·04 | 0·02 | 0 | 0·02 |
| March | 0·03 | 0 | 0·01 | 0·05 | 0·12 | 0·16 | 0·02 | 0 | 0 | 0 | 0 | 0·26 | 0·20 | 0·72 |
| April | 2·14 | 1·05 | 0·37 | 3·52 | 2·10 | 1·36 | 0·33 | 0·59 | 4·01 | 3·40 | 0·62 | 0·03 | 0·66 | 0·15 |
| May | 10·04 | 7·26 | 5·93 | 6·42 | 4·99 | 11·96 | 4·99 | 6·76 | 3·92 | 4·63 | 3·60 | 2·79 | 2·71 | 2·42 |
| June | 9·61 | 7·49 | 6·50 | 5·96 | 7·33 | 6·62 | 5·45 | 7·20 | 6·67 | 6·93 | 5·74 | 2·28 | 4·55 | 1·70 |
| July | 8·28 | 9·53 | 9·70 | 7·86 | 9·81 | 9·07 | 6·72 | 5·19 | 4·10 | 5·66 | 4·40 | 3·22 | 3·09 | 2·27 |
| August | 6·11 | 6·86 | 7·68 | 6·12 | 3·99 | 2·79 | 2·16 | 2·29 | 2·44 | 2·15 | 1·44 | 1·31 | 1·09 | 0·44 |
| September | 1·94 | 4·48 | 4·22 | 2·17 | 2·20 | 2·90 | 3·52 | 2·53 | 2·05 | 3·64 | 1·90 | 0·64 | 0·63 | 0·31 |
| October | 1·00 | 0·98 | 1·31 | 0·66 | 0·73 | 0·92 | 0·63 | 0·36 | 0·53 | 0·25 | 0·76 | 0·86 | 1·70 | 1·51 |
| November | 0·26 | 0·10 | 0·14 | 0·15 | 0·24 | 0·31 | 0·32 | 0·26 | 0·13 | 0·06 | 0·08 | 0·05 | 0·01 | 0 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Year | 39·52 | 37·85 | 35·90 | 32·91 | 31·39 | 36·11 | 24·16 | 25·18 | 23·85 | 26·82 | 18·58 | 11·46 | 14·64 | 9·54 |

## ı one hour (in inches) at 18 Stations

## om full hour to full hour of I.S.T.)

| 14—15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount. 0—24 | Maximum in one hour. Amount. | Date. | Time. | Total number of hours of rainfall. | Hours (I.S.T.) month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| gumpet) | | | | | | | | | | | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | February. |
| 0 | 0 | 0 | 0 | 0·03 | 0 | 0 | 0 | 0 | 0 | 0·08 | 0·05 | 7 | 13—14 | 2 | March. |
| 0 | 0·09 | 0·25 | 0 | 0 | 0·07 | 0 | 0·01 | 0 | 0·02 | 2·06 | 0·76 | 26 | 4—5 | 14 | April. |
| 0 | 0 | 0 | 0·01 | 0·12 | 0 | 0 | 0 | 0 | 0 | 0·17 | 0·04 | 25 | 7—8 | 3 | May. |
| 0·08 | 0·01 | 0·60 | 0·16 | 0·08 | 0·05 | 0·03 | 0·05 | 0 | 0·03 | 2·09 | 0·62 | 10 | 7—8 | 23 | June. |
| 0·79 | 0·35 | 0·10 | 0·68 | 0·40 | 0·73 | 0·86 | 1·47 | 0·84 | 0·53 | 7·40 | 1·15 | 23 | 21—22 | 76 | July. |
| 0 | 0·01 | 0·65 | 0·69 | 1·06 | 1·10 | 0·27 | 0·40 | 0·10 | 0·09 | 7·13 | 0·88 | 6 | 18—19 | 60 | August. |
| 0·19 | 0·06 | 0·06 | 0·09 | 0·06 | 0·28 | 0·20 | 0·23 | 0·07 | 0·06 | 3·84 | 0·74 | 22 | 13—14 | 65 | September. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·07 | 0·06 | 1 | 1—2 | 2 | October. |
| 0·21 | 0·22 | 0 | 0·81 | 0·94 | 0·10 | 1·79 | 0·92 | 0·05 | 0·18 | 9·03 | 1·29 | 5 | 20—21 | 53 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 1·27 | 0·74 | 1·66 | 2·44 | 2·69 | 2·33 | 3·09 | 3·08 | 1·06 | 0·91 | 31·87 | 1·29 | XI | .. | 298 | *Year.* |
| 0·01 | 0·01 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0·01 | 2·15 | 0·41 | 5 | 9—10 | 6 | January. |
| 0 | 0·03 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·03 | 0·03 | 16 | 15—16 | 0 | February. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | March. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·44 | 0·44 | 26 | 10—11 | 1 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·32 | 0·12 | 5 | 9—10 | 1 | May. |
| 0 | 0 | 0 | 0 | 0·41 | 0 | 0·14 | 0 | 0·02 | 0 | 0·71 | 0·16 | 27 | 17—18 | 1 | June. |
| 0·43 | 0·11 | 0·04 | 0·50 | 0·82 | 0·53 | 0·17 | 0·15 | 0·03 | 0·02 | 3·96 | 0·67 | 18 | 18—19 | 6 | July. |
| 0·03 | 0 | 0·04 | 0·11 | 0·37 | 0·07 | 0·60 | 0·08 | 0·26 | 0·35 | 2·81 | 0·27 | 7 | 0—1 | 8 | August. |
| 0 | 0 | 0·99 | 0 | 0·02 | 0·04 | 0·59 | 0·14 | 0·03 | 0·54 | 4·03 | 0·98 | 17 | 16—17 | 17 | September. |
| 0·51 | 0 | 0 | 0 | 0 | 0·23 | 0 | 0 | 0·26 | 0·06 | 9·13 | 1·67 | 6 | 12—13 | 11 | October. |
| 0 | 0 | 1·17 | 0·49 | 0·24 | 0·06 | 0·19 | 0 | 0·40 | 0·17 | 8·37 | 1·00 | 17 | 9—10 | 28 | November. |
| 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·13 | 0·29 | 1·64 | 0·27 | 18 | 23—24 | 4 | December. |
| 0·99 | 0·15 | 2·24 | 1·10 | 1·87 | 0·93 | 1·69 | 0·37 | 1·13 | 1·44 | 33·59 | 1·67 | X | .. | 83 | *Year.* |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | January. |
| 0·02 | 0·02 | 0·01 | 0·12 | 0·03 | 0·32 | 0·04 | 0·04 | 0·22 | 0·05 | 1·42 | 0·26 | 15 | 19—20 | 30 | February. |
| 0 | 0 | 0 | 0·06 | 0 | 0·30 | 0·10 | 0·16 | 0·04 | 0·09 | 2·32 | 0·72 | 31 | 13—14 | 23 | March. |
| 1·05 | 0·90 | 0·66 | 1·09 | 1·40 | 1·91 | 1·95 | 0·98 | 1·05 | 2·47 | 33·79 | 3·44 | 29 | 8—9 | 159 | April. |
| 3·16 | 1·47 | 3·96 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | May. |
| 0·72 | 0·30 | 0·25 | 1·30 | 1·62 | 4·18 | 6·50 | 7·02 | 6·05 | 6·98 | 118·95 | 3·17 | 20 | 0—1 | 349 | June. |
| 1·70 | 2·59 | 1·07 | 1·32 | 3·96 | 4·23 | 6·84 | 6·74 | 7·75 | 9·24 | 134·34 | 1·83 | 30 | 21—22 | 502 | July. |
| 0·27 | 0·51 | 0·86 | 0·38 | 0·54 | 1·22 | 0·78 | 1·27 | 2·39 | 5·82 | 60·91 | 1·84 | 1 | 2—3 | 288 | August. |
| 0·15 | 0·27 | 0·44 | 0·64 | 1·63 | 1·00 | 0·97 | 1·48 | 2·77 | 3·32 | 45·80 | 1·48 | 10 | 23—24 | 240 | September. |
| 2 92 | 1·57 | 0·30 | 0·23 | 0·47 | 0·92 | 0·71 | 0·42 | 0·80 | 0·51 | 21·05 | 1·14 | 16 | 14—15 | 110 | October. |
| 0 07 | 0·39 | 0·22 | 0·07 | 0·07 | 0·21 | 0·09 | 0·18 | 0·10 | 0·06 | 3·57 | 0·28 | 2 | 15—16 | 75 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 10·06 | 8·02 | 7·77 | .. | .. | .. | .. | .. | .. | .. | [illegible] | .. | .. | .. | .. | *Year.* |

## Table IX—Total hourly rainfall and the maximun

### (Totals for sixty minute

| Hours (I.S.T.) Month. | 0—1 | 1—2 | 2—3 | 3—4 | 4—5 | 5—6 | 6—7 | 7—8 | 8—9 | 9—10 | 10—11 | 11—12 | 12—13 | 13—14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | MAHABALESHWA | |
| January | 0 | 0 | 0 | 0 | 0 | 0·02 | 0 | 0·06 | 0·04 | 0·10 | 0·20 | 0·04 | 0·06 | 0 |
| February | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 0·41 | 0·52 | 0·10 | 0·69 | 0·36 | 0·19 | 0·49 | 0·62 | 0·46 | 0·43 | 0·69 | 0·69 | 1·52 | 1·1 |
| July | 2·49 | 2·69 | 2·59 | 2·60 | 2·58 | 3·02 | 2·09 | 0·93 | 1·98 | 2·68 | 3·03 | *2·49* | *1·75* | *3·0* |
| August | 2·86 | 3·52 | 2·93 | 3·04 | 3·51 | 3·26 | 2·30 | 1·65 | 1·69 | 3·12 | 2·64 | 2·20 | 2·36 | 3·3 |
| September | 0·89 | 0·72 | 0·59 | 0·31 | 0·22 | 0·41 | 0·49 | 0·38 | 0·31 | 0·26 | 0·50 | 0·39 | 0·54 | 1·1 |
| October | 0·29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·04 | 1·3 |
| November | 0·29 | 0·13 | 0·08 | 0·23 | 0·20 | 0·31 | 0·15 | 0·04 | 0·37 | 0·17 | 0·16 | 0·14 | 0·26 | 1·1 |
| December | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| *Year* | 7·23 | 7·58 | 6·29 | 6·87 | 6·87 | 7·21 | 5·52 | 2·88 | 4·85 | 6·76 | 7·22 | 5·95 | 6·53 | 11· |
| | | | | | | | | | | | | | KODAI KANAI | |
| January | 0 | 0·11 | 0·11 | 0·05 | 0·05 | 0·28 | 0·06 | 0·01 | 0·05 | 0·07 | 0·07 | 0·07 | 0·22 | 0· |
| February | 0·07 | 0·04 | 0·01 | 0·02 | 0·02 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 |
| March | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0· |
| April | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0· |
| May | 0·01 | 0·01 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·02 | 0· |
| June | 0·04 | 0·15 | 0·19 | 0·18 | 0·09 | 0·20 | 0·16 | 0·13 | 0 | 0 | 0·16 | 0·24 | 0·26 | 0· |
| July | 0·02 | 0·10 | 0·07 | 0·07 | 0·02 | 0·02 | 0·01 | 0 | 0 | 9 | 0 | 0·06 | 0·15 | 0· |
| August | 0·22 | 0·20 | 0·01 | 0·08 | 0·05 | 0·01 | 0·03 | 0 | 0 | 0 | 0 | 0 | 0·01 | 0 |
| September | 0·05 | 0 | 0 | 0 | 0·01 | 0 | 0 | 0·03 | 0 | 0 | 0 | 0·20 | 1·08 | 0 |
| October | 0·10 | 0·46 | 0·08 | 0·03 | 0 | 0 | 0 | 0·03 | 0·01 | 0·02 | 0·19 | 0·07 | 0·30 | 0 |
| November | 0·68 | 0·94 | 0·86 | 0·60 | 0·64 | 0·53 | 0·56 | 0·30 | 0·57 | 0·49 | 0·18 | 0·49 | 0·47 | 0 |
| December | 0·14 | 0·18 | 0·28 | 0·25 | 0·15 | 0·16 | 0·01 | 0·03 | 0·08 | 0·03 | 0·11 | 0·03 | 0·05 | 0 |
| *Year* | 1·33 | 2·19 | 1·61 | 1·28 | 1·03 | 1·20 | 0·83 | 0·54 | 0·71 | 0·61 | 0·72 | 1·16 | 2·56 | 4 |
| | | | | | | | | | | | | | SEYCHELLE | |
| January | 0·07 | 0·50 | 1·59 | 1·29 | 1·93 | 0·44 | 0·35 | 1·81 | 3·62 | 0·38 | 0·41 | 0·04 | 0·05 | 0· |
| February | 0·16 | 0·96 | 0·24 | 0·02 | 0·16 | 0·35 | 0·11 | 0·01 | 0·02 | 0·26 | 0·51 | 0·15 | 0·02 | 0· |
| March | 1·35 | 2·26 | 1·57 | 0·28 | 0·41 | 0·77 | 0·08 | 0·01 | 0 | 0·17 | 0·24 | 1·02 | 0·37 | 1· |
| April | 0·26 | 0·21 | 0·22 | 0·58 | 0·07 | 0·04 | 0·06 | 0·01 | 0·06 | 0·35 | 0·27 | 0·10 | 0·68 | 0· |
| May | 0·06 | 0 | 0·21 | 0·03 | 0·01 | 0·09 | 0·24 | 0·05 | 0·03 | 0·09 | 0·12 | 0·30 | 0·14 | 0 |
| June | 0·08 | 0·16 | 0·03 | 0·11 | 0·09 | 0·01 | 0·01 | 0·05 | 0·01 | 0·04 | 0 | 0·04 | 0·04 | 0 |
| July | 0 | 0·13 | 0·11 | 0·30 | 0·30 | 0·09 | 0·01 | 0·08 | 0 | 0 | 0·05 | 0 | 0·02 | 0· |
| August | 0·03 | 0·06 | 0·06 | 0·21 | 0·08 | 0·14 | 0·09 | 0·04 | 0·04 | 0·06 | 0 | 0·10 | 0 | 0· |
| September | 0·28 | 0·12 | 0·09 | 0·18 | 0·06 | 0·12 | 0·11 | 0·12 | 0·14 | 0·15 | 0·14 | 0·17 | 0·23 | 0· |
| October | 0·01 | 0·02 | 0·11 | 0·17 | 0·15 | 0·70 | 0·65 | 0·41 | 0·42 | 0·73 | .. | .. | .. | .. |
| November | 0·64 | 0·86 | 0·38 | 0·32 | 0·99 | 0·38 | 1·04 | 0·37 | 0·54 | 0·05 | 0·01 | 0·07 | 0·09 | 0· |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 0·09 | 0·01 | 0·06 | 0· |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

Figures in italics are totals of hourly rainfall which are not for the complete month.

in one hour (in inches) at 18 Stations for the year 1948.

from full hour to full hour of I.S.T.)

| 14—15 | 15—16 | 16—17 | 17—18 | 18—19 | 19—20 | 20—21 | 21—22 | 22—23 | 23—24 | Amount 0—24. | Maximum in one hour. Amount. | Date. | Time. | Total number of hours of rainfall. | Hour (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0·02 | 0 | 0·01 | 0·04 | 0·04 | 0·08 | 0·06 | 0·02 | 0·01 | 0 | 0·80 | 0·20 | 22 | 10—11 | 16 | January. |
| 0·02 | 0·02 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·04 | 0·02 | 21 | 14—15 | 2 | February. |
| 0 | 0·04 | 0·35 | 0·87 | 0 | 0·02 | 0 | 0 | 0·01 | 0 | 1·29 | 0·76 | 6 | 17—18 | 7 | March. |
| 0 | 0 | 0 | 0·06 | 0 | 0 | 0 | 0 | 0 | 0 | 0·06 | 0·04 | 15 | 17—18 | 2 | April. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·16 | 0·05 | 0·03 | 0·24 | 0·16 | 6 | 21—22 | 3 | May. |
| 3·11 | 3·50 | 3·77 | 2·05 | 1·69 | 2·56 | 1·39 | 1·19 | 0·78 | 0·73 | 29·12 | 1·10 | 13 | 19—20 | 255 | June. |
| *2·53* | *3·92* | *3·46* | *5·05* | *2·17* | 2·96 | 3·01 | 2·92 | 4·86 | 2·42 | 67·27 | 1·17 | 21 | 17—18 | 548 | July. |
| 4·06 | 3·33 | 3·48 | 2·05 | 3·11 | 3·75 | 2·46 | 2·40 | 3·71 | 3·28 | 70·94 | 0·82 | 14 | 3—4 | 506 | August. |
| 1·23 | 1·37 | 1·89 | 1·33 | 1·37 | 1·07 | 0·51 | 0·49 | 0·47 | 0·49 | 17·35 | 0·52 | 3 | 16—17 | 270 | September. |
| 0·50 | 0·12 | 0·61 | 0·82 | 0·89 | 0·15 | 0·12 | 0·01 | 0·07 | 0 | 4·93 | 0·87 | 10 | 13—14 | 35 | October. |
| 1·34 | 2·15 | 1·01 | 1·47 | 1·14 | 0·47 | 0·49 | 0·06 | 0·20 | 0·18 | 12·20 | 0·80 | 22 | 13—14 | 69 | November. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | .. | .. | 0 | December. |
| 12·81 | 14·45 | 14·58 | 14·64 | 10·41 | 11·06 | 8·04 | 7·25 | 10·16 | 7·13 | 204·24 | 1·17 | VII | .. | 1713 | *Year.* |
| 0·34 | 0·40 | 0·34 | 0·39 | 0·50 | 1·43 | 1·28 | 1·15 | 0·46 | 0·36 | 8·14 | 1·40 | 16 | 19—20 | 22 | January. |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0·11 | 0·28 | 0·11 | 1 | 23—24 | 10 | February. |
| 0·14 | 0 | 0·28 | 0·32 | 0·03 | 0 | 0 | 0·10 | 0 | 0 | 1·25 | 0·32 | 16, 29 | 13—14, 17—18 | 4 | March. |
| 0·79 | 0·08 | 0 | 0·21 | 1·13 | 0·09 | 0·19 | 0·09 | 0·11 | 0·08 | 3·12 | 0·99 | 26 | 18—19 | 11 | April. |
| 1·27 | 1·15 | 1·10 | 0·36 | 0·11 | 1·91 | 0·48 | 0·17 | 0·05 | 0 | 6·14 | 1·32 | 3 | 19—20 | 24 | May. |
| 0·34 | 0·14 | 0·16 | 0·34 | 0·19 | 0·10 | 0·13 | 0·05 | 0·01 | 0·05 | 3·81 | 0·18 | 10 | 13—14 | 39 | June. |
| 0·95 | 0·39 | 1·07 | 0·28 | 0·19 | 0·17 | 0·22 | 0·10 | 0·06 | 0·01 | 4·35 | 0·49 | 23 | 14—15 | 27 | July. |
| 0·34 | 0·49 | 0·22 | 0·07 | *0·09* | *0·34* | *0·33* | *0·55* | *0·11* | *0·97* | .. | .. | .. | .. | .. | August. |
| 0·02 | 0·12 | 1·48 | 0·56 | 0 | 0 | 0·05 | 0·01 | 0·01 | 0·02 | 3·87 | 0·82 | 12 | 16—17 | 7 | September. |
| 0·60 | 1·86 | 0·80 | 0·72 | 0·27 | 0·54 | 1·05 | 1·39 | 0·29 | 0·24 | 9·51 | 0·92 | 18 | 15—16 | 45 | October. |
| 0·77 | 0·71 | 0·62 | 0·80 | 1·00 | 0·69 | 1·10 | 1·12 | 1·20 | 1·00 | 17·09 | 1·14 | 16 | 22—23 | 71 | November. |
| 0·08 | 0·06 | 0·10 | 0·48 | 0·12 | 0·17 | 0·13 | 0·08 | 0·05 | 0·16 | 2·95 | 0·24 | 19 | 17—18 | 44 | December. |
| 5·64 | 5·40 | 6·17 | 4·53 | 3·63 | 5·44 | 4·96 | 4·81 | 2·35 | 3·00 | .. | .. | .. | .. | .. | *Year.* |
| 0·74 | 0·71 | 0·34 | 0·18 | 0·06 | 0·43 | 1·30 | 0·39 | 0·10 | 0·24 | 17·24 | 2·80 | 16 | 8—9 | 112 | January. |
| 0·08 | 0 | 0 | 0·02 | 0·02 | 0·02 | 0·06 | 0·37 | 0·01 | 0 | 3·92 | 0·93 | 1 | 1—2 | 49 | February. |
| 1·13 | 0·48 | 0·15 | 0 | 0·19 | 0·65 | 0·10 | 0·12 | 0·09 | 1·44 | 13·97 | 1·40 | 27 | 23—24 | 102 | March. |
| 0·34 | 0·19 | 0·08 | 0·14 | 0·10 | 0·20 | 0·14 | 0 | 0·03 | 0·05 | 4·34 | 0·55 | 26 | 12—13 | 55 | April. |
| 0·60 | 0·32 | 0 | 0·26 | 0·14 | 0 | 0·02 | 0·07 | 0·09 | 0·04 | 1·91 | 0·60 | 9 | 14—15 | 32 | May. |
| 0·01 | 0·04 | 0·05 | 0 | 0·02 | 0·40 | 0·18 | 0·04 | 0·10 | 0·10 | 1·61 | 0·31 | 14 | 19—20 | 56 | June. |
| 0·09 | 0·02 | 0·02 | 0·05 | 0·10 | 0·10 | 0·01 | 0·05 | 0·19 | 0·33 | 2·17 | 0·33 | 10 | 23—24 | 46 | July. |
| 0·18 | 0·06 | 0·08 | 0·14 | 0·11 | 0·03 | 0·04 | 0·05 | 0·03 | 0·04 | 1·68 | 0·10 | 18 | 3—4 | 68 | August. |
| 0·01 | 0·43 | 0·23 | 0·46 | 0·10 | 0·10 | 0·15 | 0·09 | 0·11 | 0·66 | 4·39 | 0·33 | 4 | 23—24 | 77 | September. |
| .. | .. | .. | .. | 0·21 | 0·19 | 0 | 0 | 0 | 0·01 | .. | .. | .. | .. | .. | October. |
| 0·04 | 0·04 | 0·11 | 0 | 0·01 | 0 | 0·07 | 0·04 | 0 | 0·20 | 6·33 | 0·64 | 8 | 1—2 | 46 | November. |
| 0·86 | 0·26 | 0·23 | 0·12 | 0·50 | 0·04 | 0·12 | 0·63 | .. | .. | .. | .. | .. | .. | .. | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |

# Table IX A—Frequency of rainfall amounts in one hour at 18 stations for the year 1948.

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUMDUM** | | | | | | | | | | | | |
| January | 7 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 8 | 4 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| March | 15 | 6 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| April | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 14 | 5 | 3 | 1 | .. | 3 | .. | .. | .. | .. | .. | .. |
| June | 52 | 13 | 4 | 4 | .. | 2 | 1 | .. | .. | .. | .. | .. |
| July | 90 | 20 | 4 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 85 | 18 | 7 | 4 | 4 | 1 | .. | .. | .. | .. | .. | .. |
| September | 33 | 9 | 6 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| October | 27 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | 9 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 366 | 95 | 32 | 18 | 7 | 8 | 1 | .. | .. | .. | .. | .. |
| **CALCUTTA** | | | | | | | | | | | | |
| January | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 11 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 7 | 5 | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| April | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 4 | 3 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 36 | 8 | 6 | 1 | .. | 2 | 1 | .. | .. | .. | .. | .. |
| July | 63 | 13 | 3 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| August | 64 | 16 | 7 | 6 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 50 | 9 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 18 | 3 | 5 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. |
| November | 24 | 6 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 295 | 71 | 38 | 15 | 4 | 5 | 2 | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND** | | | | | | | | | | | | |
| January | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 14 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| March | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 4 | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| May | 21 | 4 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| June | 34 | 7 | 8 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| July | 67 | 12 | 8 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. |
| August | 84 | 20 | 6 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 107 | 20 | 8 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| October | 27 | 3 | 7 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| November | 36 | 3 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 403 | 70 | 46 | 7 | 8 | 1 | 2 | .. | .. | .. | .. | .. |
| **JAMSHEDPUR** | | | | | | | | | | | | |
| January | 8 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 8 | 7 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 15 | 3 | 1 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| June | 48 | 9 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | |
| July | 67 | 19 | 6 | 5 | 5 | 1 | 3 | .. | .. | .. | .. | .. |
| August | 59 | 10 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 71 | 15 | 8 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 18 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 25 | 4 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 324 | 70 | 33 | 18 | 6 | 3 | 3 | .. | .. | .. | .. | .. |

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA** | | | | | | | | | | | | |
| January | 16 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 12 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 9 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 28 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 74 | 19 | 6 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. |
| August | 59 | 31 | 17 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| September | 39 | 15 | 4 | 3 | 2 | .. | 1 | .. | .. | .. | .. | .. |
| October | 8 | 2 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 21 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 268 | 77 | 32 | 10 | 8 | 2 | 1 | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI)** | | | | | | | | | | | | |
| January | 17 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 35 | 10 | 12 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| July | 85 | 9 | 15 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. |
| August | 79 | 10 | 17 | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. |
| September | 59 | 12 | 3 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| October | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 42 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 328 | 47 | 47 | 7 | 9 | 2 | 1 | .. | .. | .. | .. | .. |
| **NEW DELHI** | | | | | | | | | | | | |
| January | 24 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 18 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 21 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 7 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 21 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 29 | 10 | 4 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. |
| September | 18 | 4 | 2 | 4 | .. | .. | .. | .. | 1 | .. | .. | .. |
| October | 5 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 143 | 28 | 12 | 4 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| **JODHPUR** | | | | | | | | | | | | |
| January | 16 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 4 | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 27 | 7 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. |
| August | 29 | 2 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX A—Frequency of rainfall amounts in one hour at 18 stations for the year 1948.

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA** | | | | | | | | | | | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 48 | 9 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 44 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 11 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR** | | | | | | | | | | | | |
| January | 13 | 5 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 6 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 34 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 115 | 26 | 10 | 4 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| August | 66 | 7 | 10 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 63 | 7 | 6 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| October | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 47 | 11 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 352 | 65 | 38 | 7 | 3 | 2 | 1 | .. | .. | .. | .. | .. |
| **BOMBAY** | | | | | | | | | | | | |
| January | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 60 | 12 | 6 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 120 | 22 | 23 | 3 | 2 | 2 | 3 | .. | .. | .. | .. | .. |
| August | 113 | 35 | 13 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 96 | 20 | 8 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| October | 6 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| November | 10 | 7 | 2 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 419 | 97 | 52 | 12 | 5 | 4 | 4 | .. | .. | .. | .. | .. |
| **POONA** | | | | | | | | | | | | |
| January | 13 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 34 | 11 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 75 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 71 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 24 | 11 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 10 | 4 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| November | 33 | 7 | 9 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 263 | 49 | 17 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. |

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 10 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| May | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 19 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 59 | 10 | 2 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. |
| August | 43 | 8 | 5 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 58 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 41 | 6 | 2 | 1 | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 236 | 34 | 11 | 11 | 3 | 2 | .. | 1 | .. | .. | .. | .. |
| **MADRAS** | | | | | | | | | | | | |
| January | 15 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 8 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 27 | 4 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 32 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 29 | 6 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| October | 28 | 4 | 5 | 2 | .. | 2 | 1 | .. | .. | .. | .. | .. |
| November | 40 | 18 | 7 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | 18 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 201 | 48 | 29 | 3 | 3 | 2 | 1 | .. | .. | .. | .. | .. |
| **CHERRAPUNJI** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 27 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 18 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 96 | 27 | 27 | 6 | 3 | 3 | 1 | 1 | 1 | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | | .. | .. | .. |
| June | 148 | 69 | 58 | 22 | 17 | 23 | 8 | 3 | 1 | .. | .. | .. |
| July | 192 | 134 | 101 | 39 | 13 | 18 | 5 | .. | .. | .. | .. | .. |
| August | 158 | 55 | 44 | 15 | 8 | 6 | 2 | .. | .. | .. | .. | .. |
| September | 130 | 49 | 39 | 13 | 3 | 5 | 1 | .. | .. | .. | .. | .. |
| October | 63 | 17 | 20 | 7 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| November | 66 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR** | | | | | | | | | | | | |
| January | 15 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 3 | 3 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| April | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 182 | 39 | 21 | 9 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| July | 353 | 116 | 55 | 13 | 4 | 2 | .. | .. | .. | .. | .. | .. |
| August | 277 | 151 | 60 | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 220 | 45 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 22 | 8 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 35 | 17 | 12 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 1113 | 381 | 156 | 44 | 10 | 3 | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX A—Frequency of rainfall amounts in one hour at 18 stations for the year 1948.

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL** | | | | | | | | | | | | |
| January | 31 | 4 | 9 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| February | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 8 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 19 | 6 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| May | 32 | 5 | 4 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| June | 81 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 47 | 9 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | *31* | *4* | *5* | *2* | *1* | .. | .. | .. | .. | .. | .. | .. |
| September | 18 | 2 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| October | 62 | 12 | 9 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 78 | 30 | 12 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| December | 68 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-0·10 | 0·11-0·25 | 0·26-0·50 | 0·51-0·75 | 0·76-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | >6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES** | | | | | | | | | | | | |
| January | 80 | 16 | 9 | 2 | 2 | 2 | .. | 1 | .. | .. | .. | |
| February | 39 | 6 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | |
| March | 69 | 18 | 5 | 9 | .. | 1 | .. | .. | .. | .. | .. | |
| April | 43 | 9 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | |
| May | 26 | 3 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | |
| June | 53 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 42 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 68 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 66 | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | 30 | 8 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

* Data not available.

# Table IX B.—Frequency of rainfall amounts in two-hour periods at 18 stations for the year 1948

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM** | | | | | | | | | | | | | |
| January | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 29 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 12 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 30 | 2 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 88 | 8 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 168 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 165 | 10 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 71 | 10 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 48 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 51 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 696 | 48 | 17 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA** | | | | | | | | | | | | | |
| January | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 19 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 70 | 4 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 123 | 8 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 129 | 13 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 101 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 39 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 43 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 602 | 40 | 12 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND** | | | | | | | | | | | | | |
| January | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 23 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 10 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 42 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 61 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 124 | 7 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 172 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 190 | 8 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 50 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 58 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 745 | 37 | 8 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR** | | | | | | | | | | | | | |
| January | 15 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 24 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 27 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 93 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 145 | 17 | 3 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 123 | 6 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 130 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 32 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 45 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 646 | 47 | 9 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA** | | | | | | | | | | | | | |
| January | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 16 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 57 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 146 | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 118 | 25 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 72 | 7 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 17 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 39 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 514 | 50 | 8 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI)** | | | | | | | | | | | | | |
| January | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 63 | 9 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 151 | 13 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 150 | 8 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 105 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 580 | 32 | 11 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI** | | | | | | | | | | | | | |
| January | 36 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 46 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 61 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 29 | 6 | 1 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| October | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 263 | 10 | 5 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| **JODHPUR** | | | | | | | | | | | | | |
| January | 23 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 48 | .. | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 49 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX B.—Frequency of rainfall amounts in two-hour periods at 18 stations for the year 1948

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·0 10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA** | | | | | | | | | | | | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 82 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 71 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 17 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR** | | | | | | | | | | | | | |
| January | 27 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 10 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 64 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 186 | 6 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 137 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 111 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 11 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 87 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 651 | 22 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY** | | | | | | | | | | | | | |
| January | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 101 | 9 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 204 | 22 | 5 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 204 | 14 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 189 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 12 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 24 | 4 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 755 | 50 | 13 | 3 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. |
| **POONA** | | | | | | | | | | | | | |
| January | 21 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 62 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 134 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 117 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 25 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | | .. |
| November | 63 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 477 | 17 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET)** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 19 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 31 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 97 | 5 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 72 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 90 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 6 | 3 | 4 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 328 | 24 | 9 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS** | | | | | | | | | | | | | |
| January | 32 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 54 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 62 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 54 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 50 | 3 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 93 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 410 | 12 | 6 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 175 | 19 | 10 | 1 | 2 | 3 | .. | .. | 1 | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 263 | 64 | 27 | 19 | 19 | 8 | 1 | 1 | .. | .. | .. | .. | .. |
| July | 364 | 108 | 55 | 15 | 11 | 2 | .. | .. | .. | .. | .. | .. | .. |
| August | 256 | 53 | 17 | 8 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| September | 218 | 41 | 12 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 96 | 20 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR** | | | | | | | | | | | | | |
| January | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 10 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 281 | 36 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 563 | 45 | 15 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 527 | 69 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 349 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 52 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 67 | 9 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 1881 | 168 | 37 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-B—Frequency of rainfall amounts in two-hour periods at 18 stations for the year 1948.

KODAIKANAL.

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 48 | 6 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 41 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 58 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 142 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 94 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 33 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 108 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 161 | 8 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 90 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

SEYCHELLES.

| Month. | 0·01-0·50 | 0·51-1·00 | 1·01-1·50 | 1·51-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·0 | >10·0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 148 | 9 | 3 | 2 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| February | 75 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 129 | 17 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 82 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 47 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 91 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 73 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 106 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 122 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 57 | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-C—Frequency of rainfall amounts in three-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | |
| January | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 38 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 41 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 115 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 227 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 225 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 101 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 68 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 941 | 31 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | |
| January | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 92 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 173 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 184 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 137 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 55 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 58 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 833 | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | |
| January | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 30 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 60 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 83 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 168 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 223 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 250 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 65 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 991 | 14 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | |
| January | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 37 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 127 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 190 | 14 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 166 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 175 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 873 | 27 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | |
| January | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 78 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 194 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 166 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 94 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 699 | 23 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | |
| January | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 77 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 193 | 14 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 187 | 16 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 138 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 739 | 42 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | |
| January | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 78 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 42 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 339 | 11 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | |
| January | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 57 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 56 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# 'able IX-C—Frequency of rainfall amounts in three-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | |
| anuary* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'ebruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'arch | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıpril | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'ay | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| une | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| uly | 106 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ugust | 100 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| eptember | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'ctober* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 'ear | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | |
| ınuary | 37 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ebruary | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| arch | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| pril | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıne | 87 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıly | 234 | 8 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ugust | 172 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| eptember | 142 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ctober | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember | 106 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ear | 836 | 16 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | |
| ınuary | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ebruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| arch | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| pril | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıne | 132 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıly | 269 | 16 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| ıgust | 256 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ptember | 243 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ctober | 17 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember | 32 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ear | 979 | 41 | 3 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | |
| nuary | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ebruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| arch | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| pril | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıne | 85 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıly | 174 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ıgust | 154 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ptember | 61 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ctober | 36 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember | 89 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ear | 635 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 130 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 105 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 115 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 88 | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 531 | 16 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | |
| January | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 86 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 77 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 70 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 118 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 48 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 573 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 224 | 20 | 4 | 4 | .. | .. | 2 | .. | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 334 | 63 | 31 | 15 | 8 | 3 | 1 | .. | .. | .. | .. | .. |
| July | 431 | 117 | 27 | 9 | 3 | .. | .. | .. | .. | .. | .. | .. |
| August | 318 | 51 | 11 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| September | 269 | 29 | 10 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 120 | 23 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 106 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR.** | | | | | | | | | | | | |
| January | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 354 | 16 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 619 | 35 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 613 | 41 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 402 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 98 | 8 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 2,217 | 100 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-C—Frequency of rainfall amounts in three-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL.** | | | | | | | | | | | | |
| January | 58 | 5 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 55 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 78 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 182 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 125 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 52 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 133 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 198 | 11 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 107 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·00-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES.** | | | | | | | | | | | | |
| January | 192 | 5 | 3 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| February | 102 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 193 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 106 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 65 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 126 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 108 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 135 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 164 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 83 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-D—Frequency of rainfall amounts in four-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | |
| uary | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 31 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 43 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 50 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 134 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 268 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust | 264 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 122 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ober | 77 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 1107 | 41 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | |
| uary | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 30 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 59 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 106 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 208 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust | 220 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 166 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ober | 65 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 69 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| cember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 997 | 42 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | |
| uary | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 37 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 75 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 95 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 196 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust | 267 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 279 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tober | 74 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 86 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| cember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 1156 | 21 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | |
| nuary | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 45 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ne | 149 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ly | 217 | 19 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| ugust | 200 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ptember | 206 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ctober | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember | 82 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ear | 1035 | 37 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | |
| January | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 95 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 221 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 180 | 18 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 105 | 4 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 33 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 70 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 801 | 34 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | |
| January | 54 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 78 | 11 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 227 | 8 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 232 | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 158 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 80 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 863 | 32 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | |
| January | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 39 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 23 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 68 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 96 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 46 | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 407 | 13 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 66 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 84 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-D—Frequency of rainfall amounts in four-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 125 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 120 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | |
| January | 43 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 110 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 267 | 13 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 212 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 173 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 119 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 996 | 25 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | |
| January | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 150 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 408 | 19 | 5 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. |
| August | 283 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 282 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 21 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 36 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 1116 | 56 | 8 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | |
| January | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 97 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 209 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 186 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 45 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 114 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 765 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 34 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 53 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 141 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 143 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 132 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 102 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 631 | 21 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | |
| January | 47 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 102 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 110 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 80 | 13 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 140 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 682 | 21 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 66 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 251 | 26 | 7 | 5 | 1 | .. | 3 | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 340 | 72 | 29 | 21 | 9 | 7 | 6 | .. | .. | .. | .. |
| July | 411 | 118 | 56 | 18 | 4 | 3 | .. | .. | .. | .. | .. |
| August | 330 | 70 | 17 | 1 | 1 | 2 | .. | .. | .. | .. | .. |
| September | 265 | 53 | 12 | 5 | .. | .. | .. | .. | .. | .. | .. |
| October | 129 | 23 | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 116 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR.** | | | | | | | | | | | |
| January | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 390 | 24 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 609 | 56 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 596 | 75 | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 445 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 111 | 9 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 2310 | 164 | 20 | 1 | .. | .. | .. | .. | .. | .. | .. |

*Data not available.

# Table IX-D—Frequency of rainfall amounts in four-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KODAIKANAL. | | | | | | | | | | | | |
| nuary | 57 | 5 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 67 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 93 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ne | 218 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 152 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ptember | 63 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tober | 150 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 223 | 8 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| cember | 122 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | >16·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEYCHELLES. | | | | | | | | | | | | |
| January | 217 | 7 | 2 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. |
| February | 122 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 231 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 129 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 72 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 150 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 135 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 160 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 200 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 96 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

*Data not available.

# Table IX-E—Frequency of rainfall amounts in five-hour periods at 18 stations for the year 1948.

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | |
| January | 22 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 31 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 48 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 59 | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 153 | 7 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 304 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 298 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 140 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 90 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 82 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1255 | 52 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | |
| January | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 48 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 33 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 121 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 238 | 8 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 253 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 194 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 73 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 76 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1146 | 57 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | |
| January | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 42 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 90 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 107 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 226 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 304 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 307 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 82 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 95 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1310 | 30 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | |
| January | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 39 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 52 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 165 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 247 | 21 | 7 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 231 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 233 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 69 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 94 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1181 | 46 | 7 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | |
| January | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| February | 38 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| March | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| May | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| June | 111 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 248 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 197 | 24 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 117 | 5 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | |
| October | 40 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | 81 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Year | 903 | 44 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | | |
| January | 62 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| February | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| May | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| June | 81 | 11 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 252 | 22 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 266 | 9 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 174 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| October | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | 88 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Year | 963 | 50 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| **NEW DELHI** | | | | | | | | | | | | | |
| January | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| February | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| March | 57 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| May | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| June | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 79 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 111 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 51 | 6 | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | |
| October | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Year | 469 | 18 | .. | 5 | .. | .. | .. | .. | .. | .. | .. | .. | |
| **JODHPUR.** | | | | | | | | | | | | | |
| January | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| February | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| March | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 78 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 97 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

*Data not available.

# Table IX E.—Frequency of rainfall amounts in five hour periods at 18 stations for the year 1948.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | |
| uary* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ch | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 143 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ust | 141 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| mber | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | |
| uary | 45 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ch | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 127 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 284 | 17 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ust | 232 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 163 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | 142 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 1079 | 35 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | |
| uary | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ch | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 166 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 336 | 29 | 8 | .. | 3 | 2 | .. | .. | .. | .. | .. | .. | .. |
| ust | 305 | 16 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 308 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 24 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | 38 | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 1219 | 77 | 14 | .. | 3 | 2 | .. | .. | .. | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | | |
| uary | 39 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ch | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 107 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 241 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ust | 211 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 79 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 54 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | 118 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 860 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 43 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 67 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 193 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 137 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 144 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 109 | 19 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 724 | 32 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | |
| January | 55 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 124 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 128 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 107 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 96 | 15 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 152 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 66 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 794 | 25 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 74 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 56 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 273 | 31 | 9 | 3 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 338 | 85 | 31 | 20 | 25 | 11 | 2 | .. | .. | .. | .. | .. | .. |
| July | 387 | 121 | 80 | 18 | 18 | 4 | .. | .. | .. | .. | .. | .. | .. |
| August | 346 | 65 | 39 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 274 | 57 | 16 | 8 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 130 | 30 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 124 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR.** | | | | | | | | | | | | | |
| January | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 396 | 30 | 8 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 603 | 64 | 11 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 588 | 71 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 463 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 107 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 123 | 13 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 2357 | 179 | 43 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

*Data not available.

## Table IX E.—Frequency of rainfall amounts in five hour periods at 18 stations for the year 1948.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL.** | | | | | | | | | | | | | |
| January | 61 | 5 | 3 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 79 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 107 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 251 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 175 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 73 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 163 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 247 | 6 | 10 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 134 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES.** | | | | | | | | | | | | | |
| January | 243 | 7 | 4 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | |
| February | 142 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| March | 264 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | 148 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| May | 79 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| June | 172 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 154 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 179 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 229 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| November | 110 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

*Data not available.

# Table IX F.—Frequency of rainfall amounts in six hour periods at 18 stations for the year 1948.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·00-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | |
| January | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 41 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 52 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 68 | 8 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 171 | 8 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 298 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 329 | 25 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 155 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 102 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 89 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1363 | 66 | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | |
| January | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 54 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 36 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 83 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 133 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 266 | 10 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 285 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 216 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 79 | 16 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 81 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1278 | 73 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 48 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 28 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 104 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 119 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 247 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 335 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 334 | 6 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 91 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 103 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1448 | 36 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | |
| January | 26 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 43 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 60 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 180 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 273 | 22 | 10 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 258 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 256 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 81 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 105 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1313 | 53 | 10 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | |
| January | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 42 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 126 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 280 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 210 | 30 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 129 | 6 | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 47 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 92 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1004 | 54 | 8 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | | |
| January | 68 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 84 | 12 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 277 | 26 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 280 | 14 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 193 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 97 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1045 | 62 | 13 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | | |
| January | 61 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 50 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 63 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 33 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 90 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 126 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 57 | 8 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 530 | 23 | .. | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | | |
| January | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 34 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 87 | 2 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 112 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

# Table IX F.—Frequency of rainfall amounts in six hour periods at 18 stations for the year 1948.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 159 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 154 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 85 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | |
| January | 46 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 52 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 156 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 317 | 19 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 254 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 207 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 150 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1255 | 46 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | |
| January | 41 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 181 | 20 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 365 | 33 | 7 | 3 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |
| August | 323 | 20 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 331 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 27 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 40 | 1 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 1308 | 92 | 14 | 5 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | | |
| January | 44 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 116 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 270 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 237 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 85 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 62 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 132 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 959 | 24 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (REGUMPET).** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 46 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 70 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 213 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 157 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 165 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 133 | 14 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 821 | 26 | 11 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | |
| January | 59 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 54 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 140 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 146 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 122 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 105 | 17 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 167 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 74 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 898 | 29 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 82 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 63 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 297 | 33 | 7 | 3 | 7 | 6 | .. | .. | .. | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 336 | 85 | 35 | 30 | 22 | 16 | 5 | 1 | .. | .. | .. | .. | .. |
| July | 366 | 129 | 83 | 38 | 26 | 5 | 1 | .. | .. | .. | .. | .. | .. |
| August | 353 | 61 | 58 | 4 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 278 | 63 | 18 | 13 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 137 | 33 | 14 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 132 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **MAHABALESHWAR.** | | | | | | | | | | | | | |
| January | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 381 | 39 | 13 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 581 | 76 | 26 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 576 | 90 | 32 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 483 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 123 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 132 | 15 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 2362 | 221 | 75 | 14 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX F.—Frequency of rainfall amounts in six hour periods at 18 stations for the year 1948.

KODAIKANAL.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| anuary | 65 | 4 | 2 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| ebruary | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| larch | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| pril | 91 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| lay | 120 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| une | 281 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| uly | 198 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ugust* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| eptember | 83 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ctober | 172 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ovember | 269 | 5 | 8 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | 145 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ear | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

SEYCHELLES.

| Month | 0·01-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-6·00 | 6·01-8·00 | 8·01-10·00 | 10·01-12·00 | 12·01-14·00 | 14·01-16·00 | 16·01-18·00 | 18·01-20·00 | >20·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 244 | 10 | 3 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 160 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 290 | 8 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 165 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 88 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 192 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 164 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 190 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 256 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 122 | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX G.—Frequency of rainfall amounts (in inches), in one day at 18 stations for the year 1948.

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | 10·00 ^ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | | |
| January | 28 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 24 | 3 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 26 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 19 | 6 | 3 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 13 | 4 | 6 | 4 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 5 | 12 | 5 | 7 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 12 | 7 | 2 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 13 | 8 | 3 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 21 | 5 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 22 | 3 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 233 | 58 | 32 | 23 | 15 | 5 | .. | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | | |
| January | 30 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 24 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 26 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 19 | 6 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 15 | 6 | 2 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 8 | 11 | 6 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 13 | 5 | 6 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 13 | 9 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 22 | 4 | 3 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 24 | 2 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 242 | 58 | 25 | 28 | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | | |
| January | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 23 | 4 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 26 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 17 | 8 | 1 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 19 | 3 | 1 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 10 | 9 | 6 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 5 | 13 | 5 | 6 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 6 | 6 | 11 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 22 | 5 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 21 | 5 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 236 | 60 | 28 | 25 | 14 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | | |
| January | 28 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 25 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 2 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 20 | 6 | 1 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 15 | 6 | 2 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 2 | 9 | 5 | 7 | 5 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| August | 10 | 12 | 4 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 7 | 14 | 4 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 20 | 9 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 21 | 5 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 235 | 68 | 20 | 23 | 16 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | 10·00 ^ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | | |
| January | 28 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 25 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 28 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 18 | 8 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 7 | 11 | 4 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 10 | 13 | 2 | 1 | 2 | .. | 1 | 2 | .. | .. | .. | .. | .. | .. |
| September | 14 | 7 | 5 | 1 | 2 | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| October | 24 | 4 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 20 | 9 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 264 | 61 | 16 | 10 | 11 | .. | 1 | 2 | 1 | .. | .. | .. | .. | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | | | |
| January | 24 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 25 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 24 | 1 | 1 | 1 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 6 | 11 | 4 | 4 | 5 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 8 | 10 | 6 | 4 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 13 | 7 | 5 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October (*b*) | 28 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 22 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 272 | 45 | 20 | 12 | 9 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | | | |
| January | 25 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 24 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 26 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 20 | 6 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 14 | 11 | 2 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 24 | 2 | 1 | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| October | 28 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 306 | 39 | 12 | 3 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | | | |
| January | 28 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 23 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 29 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 22 | 6 | 1 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 21 | 6 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 28 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 334 | 23 | 3 | 4 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |

(*b*) Observations for 29 days only.

# Table IX G.—Frequency of rainfall amounts (in inches) in one day at 18 stations for the year 1948.

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | | |
| ry* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ary | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 27 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 15 | 9 | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| st | 16 | 12 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| mber | 26 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| er * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| mber* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| nber | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | | |
| ry | 26 | 3 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| ary | 25 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 28 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 28 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 15 | 10 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 6 | 9 | 7 | 2 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| st | 8 | 16 | 3 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| mber | 8 | 16 | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| er | 26 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| nber | 19 | 7 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| nber | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 251 | 71 | 16 | 13 | 12 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | | |
| ry | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ary | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 15 | 8 | 1 | 2 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| | 4 | 16 | 3 | 1 | 2 | 2 | 1 | .. | .. | 2 | .. | .. | .. | .. |
| t | 9 | 13 | 2 | 1 | 1 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. |
| nber | 8 | 11 | 4 | 4 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| er | 26 | 4 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| nber | 26 | 2 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| ber | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 267 | 58 | 10 | 9 | 9 | 7 | 4 | .. | .. | 2 | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | | | |
| y | 27 | 3 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ry | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 20 | 5 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 9 | 17 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 13 | 16 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 19 | 8 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| r | 22 | 5 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 14 | 4 | 8 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| ber | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 274 | 60 | 17 | 9 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 23 | 4 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 21 | 6 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 9 | 15 | 3 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 14 | 9 | 2 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 16 | 10 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 15 | 9 | 2 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 276 | 59 | 10 | 13 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | | |
| January | 26 | 3 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 28 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 29 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 22 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 12 | 16 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 15 | 15 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 15 | 11 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 19 | 7 | .. | 1 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 13 | 9 | 1 | 6 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | 24 | 4 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 263 | 76 | 8 | 13 | 4 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | 10 | .. | 5 | 6 | .. | 1 | 1 | .. | .. | .. | .. | .. | 1 (13.60) (3a) |
| May | 4 | 1 | 2 | 3 | 5 | 2 | 1 | 5 | 2 | .. | .. | 2 | 1 | |
| June | .. | 2 | .. | 5 | 8 | 1 | 2 | 4 | 1 | 1 | 2 | .. | 1 | (3b) |
| July | .. | 1 | 1 | 3 | 3 | 5 | 6 | 2 | 3 | 1 | 1 | .. | 2 | (3c) |
| August | 1 | 5 | 3 | 3 | 10 | 4 | 1 | 2 | 1 | .. | .. | .. | .. | 1 (13.92) |
| September | 7 | 6 | 3 | 3 | 4 | 2 | .. | 2 | 1 | 1 | .. | 1 | .. | .. |
| October | 15 | 9 | .. | 3 | 1 | .. | .. | 2 | .. | .. | 1 | .. | .. | .. |
| November | 19 | 7 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 158 | 51 | 15 | 28 | 38 | 14 | 11 | 18 | 8 | 3 | 4 | 3 | 4 | 11 |
| **MAHABALESHWAR.** | | | | | | | | | | | | | | |
| January | 29 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 28 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 28 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 28 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | 6 | 5 | 5 | 4 | 2 | .. | .. | 1 | 1 | .. | .. | .. | .. |
| July | .. | 3 | 1 | 4 | 10 | 5 | 2 | 4 | 1 | .. | 1 | .. | .. | .. |
| August | .. | 4 | .. | 6 | 10 | 3 | .. | 4 | .. | 3 | 1 | .. | .. | .. |
| September | 1 | 10 | 4 | 11 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 16 | 9 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 15 | 7 | 2 | 4 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 212 | 46 | 15 | 34 | 29 | 11 | 2 | 8 | 2 | 5 | 2 | .. | .. | .. |

* Data not available. 3a—(11.10, 14.44, 15.62). 3b—(11.13, 14.36, 15.89). 3c—(11.11, 15.63, 16.76).

## Table IX G.—Frequency of rainfall amounts (in inches) in one day at 18 stations for the year 1948.

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL.** | | | | | | | | | | | | | | |
| January | 25 | 3 | 1 | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| February | 27 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 18 | 9 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 16 | 8 | 2 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | 20 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 10 | 17 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 20 | 6 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 15 | 6 | 5 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 7 | 10 | 7 | 4 | .. | .. | .. | 1 | .. | 1 | .. | .. | .. | .. |
| December | 21 | 5 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES.** | | | | | | | | | | | | | |
| January | 11 | 8 | 2 | 5 | 3 | .. | 1 | 1 | .. | .. | .. | .. | .. |
| February | 15 | 9 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 8 | 9 | 2 | 6 | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 13 | 12 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 23 | 6 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 10 | 18 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 14 | 15 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 18 | 11 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 10 | 13 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 18 | 8 | .. | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-H—Frequency of rainfall amounts (in inches) in two consecutive days, at 18 stations for the year 1948.

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | | |
| January | 26 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 4 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 25 | .. | 2 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 23 | 5 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 13 | 7 | 5 | 1 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 10 | 1 | 2 | 8 | 6 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 1 | 7 | 3 | 9 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 1 | 8 | 4 | 6 | 6 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 9 | 6 | 5 | 5 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| October | 17 | 6 | 4 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 19 | 3 | 4 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 196 | 49 | 34 | 36 | 34 | 14 | 3 | .. | .. | .. | .. | .. | .. | .. |
| **CALCUTTA** | | | | | | | | | | | | | | |
| January | 27 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 4 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 25 | .. | 2 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 21 | 6 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 14 | 6 | 7 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 9 | 7 | 1 | 6 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 2 | 11 | 3 | 8 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 2 | 10 | 5 | 4 | 7 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 8 | 8 | 4 | 6 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 19 | 2 | 5 | 1 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 22 | 2 | 1 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 201 | 58 | 29 | 40 | 27 | 9 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | | |
| January | 26 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 4 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 23 | 2 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 14 | 9 | 2 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 13 | 3 | 1 | 5 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 5 | 8 | 6 | 2 | 8 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 6 | 7 | 8 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 4 | 3 | 2 | 12 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 19 | 6 | 2 | 1 | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| November | 17 | 6 | 1 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 204 | 56 | 24 | 37 | 35 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | | |
| January | 26 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 22 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | 3 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 15 | 7 | 2 | 1 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 9 | 5 | 2 | 11 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | 4 | 3 | 7 | 10 | 4 | .. | 2 | .. | .. | 1 | .. | .. | .. |
| August | 6 | 11 | 4 | 6 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 2 | 13 | 5 | 6 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| October | 12 | 14 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 18 | 5 | 1 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 194 | 70 | 23 | 41 | 26 | 7 | 1 | 3 | .. | .. | .. | .. | .. | .. |

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | | |
| January | 26 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 22 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 13 | 9 | 4 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 2 | 8 | 7 | 5 | 7 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 16 | 3 | 2 | .. | 1 | 2 | .. | 1 | .. | 1 | 1 | .. | .. |
| September | 9 | 7 | 4 | 3 | 5 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. |
| October | 20 | 6 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 15 | 12 | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 225 | 74 | 22 | 17 | 18 | 2 | 3 | .. | 2 | 1 | 1 | 1 | .. | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | | | |
| January | 20 | 9 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 22 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 23 | 1 | 1 | .. | 1 | .. | 2 | .. | 1 | 1 | .. | .. | .. | .. |
| July | 3 | 7 | 2 | 6 | 7 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |
| August | 2 | 9 | 6 | 6 | 3 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 8 | 5 | 7 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October(b) | 27 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 19 | 5 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 245 | 47 | 22 | 18 | 17 | 6 | 6 | 1 | 1 | 1 | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | | | |
| January | 21 | 5 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 6 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 22 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 23 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 13 | 11 | 3 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 7 | 12 | 4 | 2 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 21 | 3 | 1 | .. | 3 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. |
| October | 28 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 273 | 54 | 19 | 8 | 10 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | | | |
| January | 27 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 18 | 11 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 28 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 18 | 5 | 4 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| August | 17 | 6 | 5 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 27 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 317 | 29 | 9 | 6 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |

(b) Observations for 29 days only.

# Table IX-H—Frequency of rainfall amounts (in inches) in two consecutive days, at 18 stations for the year 1948.

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·03 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 23 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 9 | 11 | 3 | 2 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 11 | 14 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 24 | 2 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | | |
| January | 23 | 4 | .. | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 5 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 25 | 4 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 26 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 8 | 12 | 5 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | 7 | 2 | 5 | 7 | 2 | 2 | 1 | 1 | .. | .. | .. | .. | .. |
| August | 4 | 13 | 5 | 4 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | 13 | 3 | 5 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 22 | 7 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 16 | 6 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 214 | 73 | 20 | 29 | 21 | 4 | 3 | 1 | 1 | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | | |
| January | 24 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 11 | 7 | 2 | 4 | 3 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| July | 1 | 9 | 9 | 2 | 3 | 1 | 1 | .. | 1 | 1 | 1 | 1 | 1 | .. |
| August | 3 | 15 | 4 | 1 | .. | 3 | 2 | 1 | 1 | 1 | .. | .. | .. | .. |
| September | 3 | 12 | 2 | 3 | 6 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 23 | 6 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 24 | 3 | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 241 | 59 | 17 | 11 | 14 | 9 | 5 | 3 | 2 | 2 | 1 | 1 | 1 | .. |
| **POONA.** | | | | | | | | | | | | | | |
| January | 24 | 5 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 14 | 7 | 2 | 2 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | 17 | 5 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 7 | 19 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 15 | 10 | 2 | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 16 | 7 | 3 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 11 | 3 | 5 | 6 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 240 | 69 | 19 | 16 | 13 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·06 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET.)** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| April | 20 | 5 | 2 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 15 | 9 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 2 | 17 | 5 | 5 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| August | 7 | 12 | 1 | 4 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 12 | 10 | 2 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 7 | 14 | 1 | 1 | 3 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 235 | 78 | 13 | 18 | 16 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | | |
| January | 22 | 5 | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 27 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 28 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 18 | 13 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 3 | 18 | 1 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 6 | 17 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 7 | 11 | 3 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 16 | 8 | .. | 1 | 4 | .. | .. | 2 | .. | .. | .. | .. | .. | .. |
| November | 6 | 12 | 1 | 6 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | 21 | 4 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 212 | 94 | 13 | 33 | 11 | .. | 2 | 2 | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 6 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 17 | 5 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 1 | 6 | 2 | 5 | 9 | 2 | .. | 1 | 1 | .. | .. | .. | 1 | 2 |
| May | 1 | 1 | 1 | 3 | 3 | 2 | 1 | .. | 3 | 3 | 1 | .. | 2 | 13·62 17·06 10§ |
| June | .. | 1 | .. | 1 | 4 | 3 | 4 | 2 | 3 | 1 | 1 | 2 | .. | 8 ○ |
| July | .. | .. | .. | .. | 3 | 2 | 5 | 1 | .. | 5 | 2 | 2 | 2 | 9 ○ |
| August | .. | 1 | .. | 5 | 4 | 7 | 5 | 3 | 1 | 3 | 1 | .. | .. | 1 |
| September | 4 | 6 | 2 | .. | 5 | 4 | 2 | .. | .. | 1 | .. | 1 | 1 | 19·20 4 |
| October | 8 | 12 | .. | 5 | 3 | .. | .. | 1 | .. | .. | .. | 1 | .. | 1 |
| November | 16 | 9 | 1 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | 12·70 .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 128 | 47 | 15 | 24 | 33 | 21 | 17 | 8 | 8 | 13 | 5 | 6 | 6 | 35 |
| **MAHABALESHWAR.** | | | | | | | | | | | | | | |
| January | 27 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 27 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 3 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 27 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 4 | 3 | .. | 8 | 7 | 3 | .. | 1 | .. | 1 | 2 | 1 | .. | .. |
| July | .. | 2 | .. | 1 | 3 | 4 | 6 | 3 | 3 | 5 | 1 | .. | 2 | 12·[illegible] |
| August | .. | 3 | .. | 2 | 4 | 8 | 3 | .. | 1 | 2 | .. | 1 | 3 | 4 |
| September | .. | 4 | 3 | 9 | 10 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| October | 13 | 6 | 6 | 2 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 11 | 6 | 3 | 4 | 4 | .. | .. | .. | .. | 1 | 1 | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 195 | 36 | 12 | 29 | 33 | 17 | 11 | 4 | 4 | 9 | 4 | 2 | 5 | .. |

*Data not available.
*10·83, 11·92, 13·08, 10·52.

§16·92, 11·27, 18·46, 23·21, 13·59, 10·50, 10·54, 20·54, 25·62, 11·48.
○11·61, 10·66, 15·30, 25·49, 35·25, 25·35, 17·05, 14·60.
○10·52, 18·33, 26·14, 24·14, 15·15, 11·90, 13·16, 20·18, 23·34.
+10·01, 13·42, 11·25, 14·86.

## Table IX-H—Frequency of rainfall amounts (in inches) in two consecutive days, at 18 stations for the year 1948.

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL.** | | | | | | | | | | | | | | |
| January | 22 | 3 | 2 | 2 | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. |
| February | 27 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | 4 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 14 | 8 | 6 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 10 | 6 | 3 | 8 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 4 | 15 | 6 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 2 | 20 | 2 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 16 | 18 | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 11 | 4 | 6 | 3 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 4 | 6 | 8 | 6 | 3 | .. | .. | 1 | .. | 1 | .. | .. | .. | 1 (10·42) |
| December | 17 | 5 | 5 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0 | 0·01-0·25 | 0·26-0·60 | 0·51-1·00 | 1·01-2·00 | 3·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10.00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES.** | | | | | | | | | | | | | | |
| January | 8 | 4 | 4 | 2 | 8 | 1 | .. | 4 | .. | .. | .. | .. | .. | .. |
| February | 7 | 12 | 7 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 4 | 4 | 3 | 5 | 12 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 6 | 15 | 1 | 6 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 19 | 8 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 5 | 20 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 8 | 20 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 13 | 12 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 7 | 10 | 5 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 15 | 8 | .. | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Date not available.

# Table IX-I—Frequency of rainfall amounts (in inches) in three consecutive days, at 18 stations for the year 1948.

| Month | 0 | 0·01-0·05 | 0.02-0.50t | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | | |
| January | 24 | | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 5 | 2 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | .. | 3 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 20 | 7 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 7 | 8 | 6 | 1 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 7 | 1 | .. | 9 | 8 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| July | .. | 2 | 2 | 8 | 16 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | .. | 4 | 5 | 6 | 6 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. |
| September | 8 | 3 | 6 | 5 | 4 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| October | 15 | 5 | 5 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 16 | 4 | 4 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | . | .. | .. | .. | .. | .. | .. | . | .. | .. |
| *Year* | 170 | 43 | 36 | 38 | 47 | 21 | 9 | 2 | .. | .. | .. | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | | |
| January | 25 | 8 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 5 | .. | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 23 | .. | 3 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 18 | 7 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 9 | 6 | 1 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | 6 | .. | 9 | 6 | 3 | .. | . | .. | .. | .. | .. | .. | .. |
| July | .. | 7 | 3 | 8 | 7 | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | .. | 8 | 3 | 6 | 7 | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| September | 6 | 8 | 3 | 3 | 8 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 16 | 1 | 3 | 6 | 1 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 21 | 2 | 1 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 174 | 53 | 27 | 50 | 36 | 23 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | | |
| January | 24 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 17 | 6 | 2 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 26 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 21 | 8 | 1 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 8 | 11 | 3 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 9 | 4 | .. | 6 | 8 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 3 | 6 | 5 | 5 | 7 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| August | .. | 5 | 6 | 9 | 10 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | 3 | .. | 9 | 10 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. |
| October | 17 | 6 | 3 | 1 | .. | .. | 1 | 3 | .. | .. | .. | .. | .. | .. |
| November | 14 | 6 | 1 | 3 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 173 | 62 | 21 | 43 | 49 | 8 | 6 | 4 | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | | |
| January | 24 | 4 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 20 | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 21 | 3 | 1 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 11 | 8 | 3 | 1 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 7 | 5 | 1 | 10 | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| July | .. | 2 | 1 | 5 | 10 | 7 | 2 | 2 | .. | .. | .. | 2 | .. | .. |
| August | 2 | 8 | 5 | 7 | 5 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | 9 | 4 | 11 | 2 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| October | 8 | 16 | 2 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 15 | 6 | 1 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 169 | 67 | 21 | 50 | 34 | 14 | 5 | 3 | 1 | .. | .. | 2 | .. | .. |

| Month | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | | |
| January | 24 | 4 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 24 | 3 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 25 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 9 | 9 | 4 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | 5 | 7 | 5 | 9 | 2 | 3 | .. | .. | .. | .. | .. | .. | 2 |
| August | 2 | 13 | 4 | 4 | 1 | 1 | 2 | .. | .. | .. | 1 | 1 | . | 10.04, 12·23 |
| September | 5 | 7 | 5 | 4 | 6 | .. | .. | .. | 1 | 2 | .. | .. | .. | .. |
| October | 17 | 7 | 3 | 1 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 13 | 13 | 1 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 199 | 77 | 24 | 26 | 24 | 4 | 5 | .. | 1 | 2 | 1 | 1 | .. | 2 |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | | | |
| January | 18 | 10 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 22 | 1 | 1 | .. | 1 | .. | 2 | .. | .. | 2 | .. | 1 | .. | .. |
| July | 1 | 4 | 3 | 3 | 9 | 5 | 5 | 1 | .. | .. | .. | .. | .. | .. |
| August | 2 | 5 | 6 | 4 | 6 | 5 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| September | 5 | 3 | 6 | 7 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October(*b*) | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 18 | 5 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 231 | 43 | 25 | 16 | 24 | 11 | 8 | 3 | .. | 2 | .. | 1 | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | | | |
| January | 20 | 5 | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 19 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 25 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 19 | 12 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 20 | 7 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 7 | 15 | 3 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 12 | 4 | 4 | 6 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| September | 18 | 4 | 1 | .. | 4 | .. | . | 1 | 2 | .. | .. | .. | .. | .. |
| October | 27 | .. | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 250 | 64 | 24 | 11 | 13 | .. | 1 | 1 | 2 | .. | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | | | |
| January | 27 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 15 | 14 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 27 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 15 | 2 | 4 | 7 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. |
| August | 16 | 7 | 4 | .. | 1 | 3 | . | .. | .. | .. | .. | .. | .. | .. |
| September | 26 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | . | .. | .. | .. | . | .. | .. | .. | .. |
| *Year* | 307 | 32 | 8 | 10 | 3 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. |

(*b*) Observation for 29 days only.

# ble IX-I—Frequency of rainfall amounts (in inches) in three consecutive days, at 18 stations for the year 1948.

| Month | 0 | 0·01-0·25 | 0·20-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | | |
| uary* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 29 | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | .. | .. | .. |
| ch | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| il | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 21 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 4 | 11 | 5 | 2 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust | 8 | 13 | 3 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tember | 22 | 2 | .. | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ober* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| cember | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | | |
| uary | 19 | 6 | .. | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| ruary | 19 | 7 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 22 | 6 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 25 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| e | 5 | 16 | 1 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 2 | 6 | 2 | 3 | 8 | 4 | 2 | 2 | 2 | .. | .. | .. | .. | .. |
| gust | 1 | 12 | 6 | 5 | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. |
| tember | 2 | 11 | 3 | 4 | 10 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tober | 19 | 9 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 14 | 5 | 4 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| cember | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 190 | 80 | 19 | 29 | 32 | 8 | 4 | 2 | 2 | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | | |
| uary | 23 | 8 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ne | 9 | 5 | 3 | 5 | 4 | 1 | .. | 2 | 1 | .. | .. | .. | .. | .. |
| ly | .. | 5 | 5 | 6 | 6 | 1 | 1 | .. | 1 | 1 | 2 | .. | 1 | 2* |
| gust | 1 | 14 | 5 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | .. | .. | 1 | .. |
| ptember | 3 | 8 | 4 | 2 | 5 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. |
| tober | 20 | 8 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 22 | 4 | .. | 1 | .. | .. | 1 | 2 | .. | .. | .. | .. | . | . |
| cember | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 230 | 52 | 17 | 15 | 19 | 10 | 4 | 6 | 4 | 3 | 2 | .. *11·94 11·94 | 2 | 2 |
| **POONA.** | | | | | | | | | | | | | | |
| nuary | 23 | 5 | .. | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| rch | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| y | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ne | 11 | 6 | 2 | 4 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| ly | 3 | 14 | 4 | 8 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| gust | 5 | 18 | 3 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ptember | 12 | 11 | 1 | 3 | .. | 1 | 2 | . | .. | .. | .. | .. | .. | .. |
| tober | 14 | 8 | 4 | .. | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | 9 | 2 | 4 | 6 | 6 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. |
| cember | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 225 | 68 | 18 | 23 | 21 | 6 | 4 | 1 | .. | .. | .. | .. | .. | .. |

| Month | 0 | 0·01-0·25 | 0·25-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BEGUMPET (HYDERABAD).** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 24 | 6 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 18 | 7 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 25 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 10 | 9 | 2 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | 16 | 6 | 6 | 1 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 11 | 1 | 4 | 8 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 6 | 14 | 3 | 2 | 4 | 1 | .. | .. | .. | .. | .. | .. | . | .. |
| October | 26 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 3 | 15 | 1 | 1 | 3 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 207 | 89 | 15 | 23 | 19 | 8 | 5 | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | | |
| January | 19 | 6 | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 27 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 25 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 12 | 17 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 1 | 15 | .. | 15 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 5 | 15 | 4 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | 8 | 4 | 14 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 14 | 5 | 3 | 1 | 4 | 1 | .. | 1 | 2 | .. | .. | .. | .. | .. |
| November | 3 | 12 | 2 | 7 | 3 | .. | .. | 5 | .. | .. | .. | .. | .. | .. |
| December | 18 | 5 | 2 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 184 | 92 | 19 | 50 | 14 | 1 | .. | 4 | 2 | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 17 | 5 | 4 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 13 | 5 | 8 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | 4 | 2 | 4 | 9 | 4 | .. | .. | .. | 3 | .. | .. | .. | 4 O |
| May | .. | .. | 1 | 3 | 3 | .. | .. | 2 | 1 | 2 | 2 | 1 | 1 | 15 ⊖ |
| June | .. | .. | .. | .. | 2 | 1 | 4 | 2 | 1 | 5 | 1 | 1 | 2 | 11† |
| July | .. | .. | .. | .. | .. | 2 | 2 | 1 | 2 | 3 | 1 | 1 | 2 | 17§ |
| August | .. | .. | .. | 1 | 5 | 4 | 5 | 7 | .. | 2 | 3 | 2 | .. | (21·15 11·51) |
| September | 2 | 5 | 1 | 1 | 5 | 4 | .. | 3 | .. | 1 | .. | 1 | .. | 7* |
| October | 5 | 11 | .. | 5 | 6 | 1 | .. | 1 | .. | .. | .. | .. | 1 | 1(16·88) |
| November | 14 | 10 | 1 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 113 | 40 | 17 | 22 | 34 | 17 | 11 | 16 | 4 | 16 | 7 | 6 | 6 | 57 |
| **MAHABALESHWAR.** | | | | | | | | | | | | | | |
| January | 25 | 3 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 24 | 4 | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 26 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 28 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 3 | 2 | . | 2 | 10 | 4 | 2 | .. | 1 | 1 | 2 | 1 | 1 | 1 (11·16) |
| July | .. | .. | 1 | 1 | 33 | 1 | 2 | 2 | 4 | 4 | 6 | 1 | 1 | 5α |
| August | .. | 2 | .. | 2 | 1 | 3 | 7 | 3 | .. | 1 | 2 | .. | .. | 10‡ |
| September | .. | 2 | 1 | 4 | 16 | 4 | .. | 1 | 2 | .. | .. | .. | .. | .. |
| October | 11 | 5 | 6 | 4 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 8 | 4 | 4 | 5 | 6 | .. | .. | .. | .. | 1 | 2 | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 182 | 32 | 12 | 22 | 42 | 13 | 11 | 6 | 7 | 7 | 12 | 2 | 2 | 16 |

O 13·62, 17·08, 22·88, 20·38.
† 10·15, 12·86, 12·46, 15·78, 21·79, 29·66, 41·38, 39·71, 32·94, 24·06, 15·43.
* 11·47, 14·69, 18·63, 15·93, 11·49, 16·36, 19·66. α * 10·83, 12·70, 17·14, 15·37, 12·05.
⊖ 17·09, 11·27, 20·89, 27·23, 28·03, 14·25, 10·79, 12·39, 14·71, 11·10, 14·13, 25·58, 30·54, 27·10, 16·26
§ 13·55, 12·13, 10·79, 21·08, 33·36, 35·25, 30·18, 21·01, 15·09, 12·79, 11·61, 11·46, 11·58, 17·68, 22·58, 34·10, 28·62.
‡ 13·11, 13·67, 10·03, 10·52, 16·28, 14·28, 16·25, 15·44, 17·28, 12·42.
* Data not available.

## Table IX-I—Frequency of rainfall amounts (in inches) in three consecutive days, at 18 stations for the year 1948.

KODAI KANAL.

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 19 | 3 | 3 | 3 | .. | .. | .. | .. | .. | 2 | 1 | .. | .. | .. |
| February | 26 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 20 | 5 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 13 | 5 | 9 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 7 | 6 | 2 | 7 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 2 | 8 | 11 | 9 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | 19 | .. | 7 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 13 | 10 | .. | 2 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 9 | 3 | 4 | 5 | 5 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. |
| November | 2 | 4 | 9 | 5 | 6 | .. | .. | 1 | .. | .. | 1 | .. | .. | 10·13, 11·79 |
| December | 13 | 6 | 6 | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

SEYCHELLES.

| Month. | 0 | 0·01-0·25 | 0·26-0·50 | 0·51-1·00 | 1·01-2·00 | 2·01-3·00 | 3·01-4·00 | 4·01-5·00 | 5·01-6·00 | 6·01-7·00 | 7·01-8·00 | 8·01-9·00 | 9·01-10·00 | >10. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | 6 | 3 | 3 | 2 | 7 | 3 | 1 | 2 | 4 | .. | .. | .. | .. | .. |
| February | 2 | 13 | 9 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | 3 | 2 | 6 | 15 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. |
| April | 3 | 14 | 1 | 8 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 15 | 11 | 1 | 1 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 5 | 18 | 3 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 6 | 21 | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 9 | 12 | 9 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 5 | 8 | 5 | 7 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 11 | 9 | 1 | 1 | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX-J—Frequency of hourly intensity greater than ½″ at 18 stations for the year 1948.

| Month. | 0·50-0·74 | 0·75-0·99 | 1·00-1·24 | 1·25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·99 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | |
| nuary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| arch | 2 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| ay | 2 | 3 | 1 | .. | 3 | 1 | .. | .. | .. | .. | .. | .. | .. |
| ne | 6 | 5 | 2 | 3 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. |
| ly | 5 | 7 | 4 | 2 | .. | .. | 2 | .. | .. | 1 | .. | .. | .. |
| gust | 3 | 4 | 7 | 4 | 4 | .. | 3 | 1 | .. | .. | .. | .. | .. |
| ptember | 2 | 5 | 3 | 3 | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. |
| tober | .. | 1 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 21 | 29 | 19 | 14 | 12 | 2 | 11 | 1 | 1 | 1 | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | |
| nuary | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | .. | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| arch | .. | .. | .. | .. | 1 | .. | 2 | .. | .. | .. | .. | .. | .. |
| ril | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | .. | 1 | 3 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| ne | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 1 | .. | .. | .. | .. | .. |
| ly | .. | 7 | 3 | 2 | 3 | 4 | 2 | .. | .. | .. | .. | .. | .. |
| gust | 6 | 9 | 5 | 4 | 3 | 2 | 1 | 1 | .. | 1 | .. | .. | .. |
| ptember | 1 | 5 | 3 | .. | 1 | .. | 2 | 1 | 2 | .. | .. | .. | .. |
| tober | 2 | 3 | 1 | 1 | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. |
| vember | .. | 1 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 11 | 29 | 25 | 11 | 13 | 7 | 11 | 3 | 3 | 1 | .. | .. | .. |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | |
| nuary | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| bruary | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| arch | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ril | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | .. | 2 | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| ne | 6 | 6 | 3 | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| ly | 6 | 6 | 4 | 3 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| gust | 8 | 10 | 3 | 3 | 3 | 2 | 1 | .. | .. | .. | 1 | .. | .. |
| ptember | 8 | 8 | 3 | 1 | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| tober | 1 | 2 | 2 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| vember | .. | 1 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 31 | 35 | 15 | 15 | 10 | 6 | 5 | .. | .. | .. | 1 | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | |
| nuary | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| bruary | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| arch | 2 | .. | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| ril | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ay | 1 | 1 | 1 | .. | 1 | 1 | .. | 2 | .. | .. | .. | .. | .. |
| ne | 3 | 1 | 4 | 0 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ly | 7 | 14 | 5 | 2 | 4 | 3 | 2 | 1 | .. | .. | .. | .. | .. |
| gust | 7 | 6 | 4 | 3 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| ptember | 7 | 7 | 5 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| tober | 2 | .. | .. | 1 | . | .. | .. | .. | .. | .. | .. | .. | .. |
| vember | .. | 3 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| ecember | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| ar | 29 | 33 | 20 | 16 | 5 | 5 | 6 | 3 | .. | .. | .. | .. | .. |

| Month. | 0.50-0·74 | 0·75-0·99 | 1·00-1·24 | 1.25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·99 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 2 | 3 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 7 | 4 | 7 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 14 | 9 | 9 | 1 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| September | 4 | 9 | 1 | 1 | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. |
| October | 2 | .. | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 30 | 25 | 19 | 9 | 5 | 5 | 1 | .. | .. | 1 | .. | .. | .. |
| **ALLAHABAD (BAMRAULI)** | | | | | | | | | | | | | |
| January | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | 7 | 1 | 4 | 3 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| July | 7 | 3 | 8 | 2 | 3 | 1 | .. | 2 | 1 | .. | .. | .. | .. |
| August | 3 | 3 | 5 | 4 | 5 | 1 | 1 | .. | 1 | .. | .. | .. | .. |
| September | 2 | 4 | 5 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | | |
| January | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 3 | 4 | 2 | 1 | .. | .. | 2 | .. | .. | .. | .. | .. | .. |
| September | 2 | 5 | 1 | .. | 1 | .. | .. | 1 | 1 | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 16 | 10 | 4 | 2 | 1 | .. | 2 | 1 | 1 | .. | .. | .. | .. |
| **JODHPUR.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| February | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 3 | 2 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | 1 | .. |
| August | 1 | 2 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. |

* Data not available.

# Table IX-J—Frequency of hourly intensity greater than ½″ at 18 stations for the year 1948.

| Month. | 0·50-0·74 | 0·75-0·99 | 1·00-1·24 | 1·25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·29 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 4 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | |
| January | 4 | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| April | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 2 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 11 | 11 | 2 | 2 | .. | .. | .. | 2 | .. | .. | .. | .. | .. |
| August | 6 | 2 | 3 | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 3 | 3 | 3 | .. | 2 | .. | 1 | 2 | .. | .. | .. | .. | .. |
| October | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 2 | 4 | .. | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 31 | 30 | 9 | 9 | 5 | 2 | 3 | 4 | .. | .. | .. | .. | .. |
| **BOMBAY.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 3 | 2 | 2 | .. | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| August | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. | .. |
| Year | 14 | 5 | 3 | 1 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. |
| **POONA.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

| Month. | 0·50-0·74 | 0·75-0·99 | 1·00-1·24 | 1·25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·99 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **HYDERABAD (BEGUMPET).** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 1 | 2 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 12 | 3 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | |
| January | .. | .. | 3 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 3 | 2 | 3 | 2 | 1 | .. | 3 | .. | .. | .. | .. | .. | .. |
| August | 8 | 3 | 1 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| September | 5 | 1 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| October | 9 | 4 | 3 | 3 | 2 | .. | 1 | 3 | 1 | .. | .. | .. | .. |
| November | 5 | 9 | 5 | .. | 3 | 1 | 2 | 1 | .. | .. | .. | .. | .. |
| December | 6 | 2 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 7 | 21 | 8 | 9 | 7 | 4 | 1 | 1 | 2 | .. | .. | .. | .. |
| May | 20 | 42 | 30 | 19 | 18 | 11 | 16 | 8 | 3 | 2 | .. | .. | .. |
| June | 8 | 31 | 31 | 12 | 22 | 8 | 7 | 8 | 3 | 1 | .. | .. | .. |
| July | 12 | 51 | 33 | 23 | 16 | 13 | 3 | 1 | .. | .. | .. | .. | .. |
| August | 2 | 24 | 12 | 12 | 5 | 2 | 7 | 1 | .. | 1 | .. | .. | .. |
| September | 4 | 12 | 13 | 6 | 4 | 1 | 2 | .. | .. | .. | .. | .. | .. |
| October | 6 | 9 | 6 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 60 | 193 | 133 | 86 | 73 | 39 | 36 | 19 | 8 | 4 | .. | .. | .. |
| **MAHABALESWAR** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 11 | 1 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 12 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 17 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | 45 | 9 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not avaiable

## Table IX—J.—Frequency of hourly intensity greater than ½″ at 18 stations for the year 1948.

| nth. | 0·50-0·74 | 0·75-0·99 | 1·00-1·24 | 1·25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·99 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KODAIKANAL. | | | | | | | | | | | | | |
| ary . | 10 | 4 | 4 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| uary . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| h . | 1 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | 4 | 2 | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| . . | 2 | 2 | 3 | .. | 2 | 1 | .. | .. | 1 | .. | .. | .. | .. |
| . . | 6 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | 5 | 4 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| ıst . | 10 | 5 | 2 | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. |
| ɔmber . | 1 | 2 | 1 | 1 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. |
| ber . | 11 | 9 | 4 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| mber . | 17 | 18 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| mber . | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | 68 | 49 | 22 | 8 | 6 | 4 | 4 | .. | 1 | .. | .. | .. | .. |

| Month. | 0·50-0·74 | 0·75-0·99 | 1·00-1·24 | 1·25-1·49 | 1·50-1·74 | 1·75-1·99 | 2·00-2·49 | 2·50-2·99 | 3·00-3·49 | 3·50-3·99 | 4·00-4·49 | 4·50-4·99 | >5·00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SCYCHELLES. | | | | | | | | | | | | | |
| January . | 3 | 2 | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. |
| February . | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March . | 8 | 1 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April . | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May . | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November . | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* . | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX—K.—Frequency of rain in five minutes (intensity greater than ½″ per hour) at 18 stations for th year 1948.

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 | >40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DUM DUM.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 3 | 2 | 1 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| March | 14 | 3 | 3 | 3 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| April | 3 | 1 | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| May | 24 | 7 | 9 | 7 | 2 | 2 | 3 | .. | .. | .. | .. | .. | .. |
| June | 25 | 20 | 9 | 6 | 5 | 8 | 1 | 3 | 1 | 1 | .. | .. | .. |
| July | 10 | 15 | 17 | 1 | .. | 3 | .. | .. | 3 | .. | .. | .. | .. |
| August | 13 | 10 | 26 | 5 | 4 | 5 | 1 | 2 | 4 | .. | .. | .. | .. |
| September | 9 | 16 | 21 | 6 | 1 | .. | 2 | 1 | .. | .. | .. | .. | .. |
| October | .. | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 6 | 3 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 104 | 76 | 91 | 35 | 14 | 23 | 9 | 6 | 8 | 2 | .. | .. | .. |
| **CALCUTTA.** | | | | | | | | | | | | | |
| January | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | 1 | .. | 2 | 3 | 2 | .. | 1 | .. | .. | .. | .. |
| April | 1 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 8 | 4 | 8 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 16 | 5 | 11 | 3 | 6 | 4 | 2 | 1 | 8 | 1 | 1 | .. | .. |
| July | 4 | 15 | 9 | 7 | 8 | .. | 1 | 2 | 2 | .. | 1 | .. | .. |
| August | 25 | 29 | 14 | 7 | 5 | 5 | 2 | .. | 1 | 2 | .. | .. | 1 |
| September | 3 | 8 | 8 | 1 | 1 | 1 | 2 | 1 | 3 | .. | 1 | .. | .. |
| October | 10 | 6 | 5 | 4 | 2 | 1 | 2 | .. | 3 | .. | .. | .. | 2 |
| November | .. | 5 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 67 | 76 | 68 | 25 | 27 | 15 | 11 | 4 | 18 | 3 | 3 | .. | 3 |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 4 | .. | 2 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. |
| May | 7 | 2 | 5 | 2 | 4 | .. | 1 | 1 | .. | 1 | .. | .. | .. |
| June | 37 | 10 | 9 | .. | 2 | 4 | .. | .. | 2 | .. | 1 | .. | .. |
| July | 22 | 10 | 12 | 4 | 4 | 2 | 2 | 1 | 1 | .. | .. | .. | .. |
| August | 19 | 18 | 4 | 8 | 4 | .. | 1 | .. | .. | .. | 1 | .. | .. |
| September | 27 | 11 | 13 | 10 | 4 | 3 | 2 | 1 | .. | .. | 1 | .. | .. |
| October | 7 | 10 | 2 | 1 | 1 | 2 | 1 | .. | .. | 1 | .. | .. | .. |
| November | 3 | 5 | 3 | 5 | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 127 | 66 | 53 | 31 | 21 | 14 | 7 | 3 | 3 | 2 | 3 | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | |
| January | .. | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| February | .. | 2 | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| March | 5 | 3 | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 4 | 5 | 3 | 2 | 6 | 3 | 1 | 1 | 1 | 1 | 1 | .. | .. |
| June | 12 | 15 | 12 | 2 | 6 | 1 | .. | .. | .. | .. | .. | .. | .. |
| July | 62 | 34 | 23 | 18 | 18 | 2 | 6 | 1 | 5 | 1 | 1 | .. | 1 |
| August | 21 | 14 | 6 | 8 | 3 | 2 | .. | .. | .. | .. | .. | .. | .. |
| September | 22 | 29 | 11 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 8 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 5 | 6 | 4 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 139 | 112 | 62 | 37 | 38 | 11 | 8 | 2 | 6 | 2 | 2 | .. | 1 |

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **GAYA.** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 11 | 6 | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. |
| July | 24 | 19 | 18 | 7 | 3 | .. | 2 | 1 | .. | 1 | .. | .. |
| August | 40 | 20 | 11 | 3 | 5 | 5 | .. | .. | 2 | .. | .. | .. |
| September | 19 | 21 | 7 | 8 | 10 | .. | 3 | .. | .. | .. | 2 | .. |
| October | 9 | 1 | 2 | 2 | 4 | .. | 1 | .. | 1 | .. | .. | .. |
| November | 3 | .. | 3 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 107 | 67 | 44 | 20 | 23 | 8 | 7 | 1 | 3 | 1 | 2 | .. |
| **ALLAHABAD (BAMRAULI).** | | | | | | | | | | | | |
| January | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 24 | 12 | 12 | 2 | 7 | 3 | 1 | 2 | 1 | .. | .. | .. |
| July | 26 | 15 | 19 | 4 | 9 | 6 | 4 | 2 | 1 | .. | 1 | .. |
| August | 19 | 20 | 15 | 9 | 4 | 2 | 5 | .. | 3 | .. | .. | .. |
| September | 10 | 10 | 13 | .. | 2 | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI.** | | | | | | | | | | | | |
| January | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 7 | 5 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 13 | 11 | 9 | 2 | 2 | 6 | 1 | .. | .. | .. | .. | .. |
| September | 11 | 13 | 3 | 4 | 1 | 2 | .. | 1 | 4 | 1 | 3 | .. |
| October | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 47 | 30 | 16 | 8 | 3 | 8 | 1 | 1 | 4 | 1 | 3 | .. |
| **JODHPUR.** | | | | | | | | | | | | |
| January | 1 | .. | .. | .. | 1 | .. | .. | 1 | .. | .. | .. | .. |
| February | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 9 | 4 | 2 | 1 | .. | 4 | .. | .. | 3 | .. | .. | .. |
| August | 4 | 6 | 10 | .. | .. | 3 | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

* Data not available.

# Table IX—K.—Frequency of rain in five minutes (intensity greater than ½″ per hour) at 18 stations for the year 1948.

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 | >40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BARODA.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 8 | 5 | 5 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. |
| August | 5 | 4 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 2 | .. | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 15 | 9 | 9 | 5 | 5 | 1 | .. | .. | .. | .. | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | |
| January | 11 | 9 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 2 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | 1 | .. | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 10 | 3 | 3 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 48 | 30 | 5 | 5 | 3 | 3 | 4 | 2 | 2 | .. | .. | .. | .. |
| August | 9 | 9 | 8 | 2 | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 12 | 8 | 8 | 2 | 4 | 3 | 2 | .. | .. | .. | .. | .. | 1 |
| October | 4 | 4 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 12 | 2 | 2 | .. | 1 | 1 | 1 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 108 | 66 | 30 | 15 | 12 | 9 | 9 | 2 | 2 | .. | .. | .. | 1 |
| **BOMBAY.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 9 | 7 | 7 | 2 | .. | 2 | 4 | .. | .. | .. | .. | .. | .. |
| July | 19 | 9 | 19 | 7 | 4 | 2 | 4 | 2 | 2 | .. | 1 | .. | 4 |
| August | 14 | 5 | 7 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. |
| September | 3 | 2 | 5 | .. | 2 | 1 | 1 | 1 | .. | .. | .. | .. | .. |
| October | 2 | .. | 1 | 1 | 1 | .. | 2 | .. | 1 | .. | .. | .. | 1 |
| November | 6 | 1 | 3 | .. | 2 | 2 | 1 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 53 | 24 | 42 | 12 | 9 | 8 | 13 | 3 | 3 | .. | 1 | .. | 5 |
| **POONA.** | | | | | | | | | | | | | |
| January | 2 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 19 | 7 | 1 | 1 | .. | .. | .. | 1 | 3 | .. | 1 | .. | .. |
| July | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 10 | 5 | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 11 | 5 | 5 | 1 | 3 | .. | 1 | .. | 2 | .. | .. | .. | .. |
| November | 28 | 15 | 10 | 3 | 2 | .. | 2 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 77 | 37 | 10 | 6 | 5 | .. | 3 | 1 | 5 | .. | 1 | .. | .. |

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 | >40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BEGUMPET.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 4 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 1 | 2 | 1 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 12 | 3 | 2 | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| **MADRAS.** | | | | | | | | | | | | | |
| January | 2 | 4 | 6 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 1 | 1 | 1 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 6 | 3 | 7 | 2 | 3 | 1 | .. | 1 | .. | .. | .. | .. | .. |
| August | 9 | 6 | 1 | 2 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 12 | 4 | 4 | .. | 1 | 1 | .. | 1 | .. | .. | 1 | .. | .. |
| October | 11 | 9 | 8 | 4 | 4 | 2 | 5 | 3 | 3 | 1 | .. | .. | 1 |
| November | 16 | 13 | 5 | 4 | 3 | 2 | .. | .. | .. | .. | 1 | 1 | .. |
| December | 8 | 2 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **CHERRAPUNJI.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 3 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | 54 | 32 | 11 | 21 | 7 | 7 | 3 | 6 | 9 | 5 | .. | 2 |
| May | 134 | 152 | 134 | 45 | 77 | 48 | 25 | 7 | 24 | 16 | 12 | 1 | 16 |
| June | 167 | 161 | 138 | 41 | 49 | 27 | 29 | 7 | 14 | 11 | 7 | 7 | 8 |
| July | 130 | 150 | 136 | 36 | 37 | 15 | 26 | 6 | 8 | 1 | 3 | .. | 3 |
| August | 42 | 60 | 66 | 17 | 19 | 26 | 5 | .. | 5 | .. | 3 | 2 | 6 |
| September | 59 | 48 | 50 | 5 | 16 | 9 | 7 | 3 | .. | .. | .. | .. | .. |
| October | 38 | 40 | 24 | 4 | 3 | .. | .. | 2 | .. | .. | .. | .. | .. |
| November | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 603 | 668 | 574 | 159 | 222 | 132 | 99 | 28 | 57 | 37 | 30 | 10 | 35 |
| **MAHABALESHWAR.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 4 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 44 | 29 | 16 | .. | 7 | 2 | 2 | .. | .. | .. | .. | .. | .. |
| July | 65 | 90 | 54 | 13 | 14 | 8 | 6 | 1 | 1 | 2 | .. | .. | .. |
| August | 96 | 71 | 44 | 6 | 7 | 5 | 1 | 1 | .. | .. | .. | .. | 1 |
| September | 14 | 6 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 17 | 12 | 2 | 1 | 3 | .. | 1 | .. | .. | .. | .. | .. | .. |
| November | 22 | 25 | 8 | 6 | 4 | 1 | 1 | 2 | 1 | .. | .. | 1 | .. |
| December | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 263 | 238 | 128 | 27 | 35 | 16 | 11 | 4 | 2 | 2 | .. | 1 | 1 |

* Data not available.

## Table IX—K.—Frequency of rain in five minutes (intensity greater than ½″ per hour) at 18 stations fo the year 1948

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 | ▷40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **KODAIKANAL.** | | | | | | | | | | | | | |
| January | 18 | 14 | 9 | 4 | 3 | 1 | .. | .. | 2 | 1 | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 4 | 4 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 8 | 6 | 1 | 1 | .. | 1 | .. | .. | 2 | .. | .. | .. | .. |
| May | 6 | 12 | 4 | 5 | 2 | 2 | 1 | .. | 1 | .. | .. | .. | .. |
| June | 13 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 12 | 9 | 2 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. |
| August | 18 | 10 | 6 | 1 | 3 | 2 | .. | .. | 1 | .. | .. | .. | .. |
| September | 5 | 8 | 5 | 1 | 2 | 3 | .. | .. | .. | .. | .. | .. | .. |
| October | 32 | 17 | 10 | 3 | 4 | 1 | .. | .. | .. | .. | .. | .. | .. |
| November | 50 | 29 | 16 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 169 | 113 | 55 | 20 | 16 | 10 | 1 | .. | 7 | 1 | .. | .. | .. |

| Month. | 4-6 | 7-9 | 10-12 | 13-15 | 16-18 | 19-21 | 22-24 | 25-27 | 28-30 | 31-33 | 34-36 | 37-39 | ▷ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **SEYCHELLES.** | | | | | | | | | | | | | |
| January | 49 | 14 | 12 | 2 | 2 | .. | 13 | .. | .. | .. | .. | .. | |
| February | 19 | 2 | 3 | 2 | 4 | 1 | 1 | .. | .. | .. | .. | .. | |
| March | 62 | 13 | 11 | 2 | 8 | 2 | 3 | 1 | 1 | .. | 1 | .. | |
| April | 19 | 2 | 5 | 1 | 3 | 1 | .. | .. | .. | .. | .. | .. | |
| May | 13 | 5 | 4 | .. | 1 | .. | 1 | .. | .. | .. | .. | .. | |
| June | 5 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| July | 2 | 5 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| August | 6 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| September | 13 | 5 | 4 | 2 | .. | .. | .. | .. | 1 | .. | .. | .. | |
| October | 16 | 6 | 2 | .. | .. | 1 | 1 | .. | 2 | 1 | .. | 1 | |
| November | 21 | 7 | 8 | 2 | 2 | 2 | .. | .. | .. | .. | .. | .. | |
| December | 18 | 7 | 5 | 5 | 6 | 3 | .. | .. | .. | .. | 1 | .. | |
| *Year* | 243 | 68 | 57 | 16 | 26 | 10 | 19 | 1 | 4 | 1 | 2 | 1 | |

# Table X.—Mean hourly and extreme wind velocities (m.p.h.) at 15 stations

*( For the Year 1948. )*

## Table X.—Mean hourly and extreme wind velocities (m. p. h

| Hours (I. S. T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | ✓DUM DUM (Ht.—66 ft. | | | |
| January | 1·1 | 1·5 | 1·3 | 1·6 | 1·5 | 1·1 | 1·1 | 2·3 | 4·1 | 5·3 | 5·2 | 5·4 | 5·5 | 5·8 | 5·9 | 4·5 | 2 |
| February | 1·5 | 1·7 | 2·4 | 1·8 | 0·9 | 1·0 | 1·8 | 2·3 | 3·8 | 5·2 | 6·6 | 6·9 | 7·0 | 5·9 | 6·7 | 5·1 | 3 |
| March | 2·5 | 2·6 | 2·6 | 2·7 | 2·3 | 2·9 | 2·5 | 4·9 | 6·0 | 6·3 | 7·2 | 8·1 | 8·5 | 8·3 | 7·5 | 6·8 | 4 |
| April | 7·7 | 6·9 | 6·5 | 6·4 | 5·7 | 5·9 | 7·7 | 10·7 | 11·8 | 12·0 | 12·3 | 12·8 | 12·6 | 12·7 | 12·7 | 13·5 | 13 |
| May | 8·2 | 8·9 | 8·6 | 8·2 | 7·9 | 8·7 | 10·5 | 12·5 | 14·1 | 15·2 | 15·0 | 16·3 | 15·3 | 15·9 | 15·3 | 15·6 | 13 |
| June | 6·1 | 6·2 | 6·0 | 4·8 | 5·4 | 5·4 | 7·5 | 9·7 | 9·5 | 10·9 | 11·4 | 11·3 | 10·9 | 11·1 | 11·5 | 10·4 | 9 |
| July | 5·7 | 5·4 | 4·4 | 4·9 | 4·7 | 5·3 | 6·7 | 8·6 | 9·0 | 9·5 | 9·1 | 9·6 | 10·4 | 9·9 | 10·4 | 9·1 | 8 |
| August | 3·7 | 2·9 | 3·1 | 3·4 | 3·3 | 3·9 | 5·5 | 6·1 | 7·2 | 8·2 | 8·3 | 8·5 | 8·3 | 7·9 | 7·1 | 6·5 | 5 |
| September | 1·4 | 1·6 | 1·5 | 1·6 | 1·9 | 1·6 | 3·2 | 4·9 | 6·2 | 6·6 | 7·7 | 7·2 | 7·8 | 7·9 | 7·7 | 6·0 | 4 |
| October | 0·1 | 0·2 | 0·1 | 0·4 | 0·3 | 0·2 | 0·8 | 1·1 | 1·7 | 2·7 | 3·1 | 3·6 | 4·1 | 4·2 | 3·6 | 2·8 | 1 |
| November | 0·9 | 1·4 | 1·5 | 1·7 | 1·7 | 1·8 | 2·4 | 2·8 | 3·5 | 4·3 | 4·4 | 3·6 | 3·8 | 3·8 | 4·1 | 3·2 | 2 |
| December | 2·4 | 2·5 | 3·0 | 3·0 | 3·0 | 2·9 | 2·4 | 3·9 | 5·5 | 6·3 | 6·5 | 7·2 | 6·7 | 7·0 | 6·3 | 4·6 | 2 |
| *Year* | 3·5 | 3·5 | 3·4 | 3·4 | 3·2 | 3·4 | 4·3 | 5·8 | 6·9 | 7·7 | 8·1 | 8·2 | 8·4 | 8·4 | 8·2 | 7·3 | 5 |
| | | | | | | | | | | | | | | ✓ CALCUTTA *(Ht.—87 ft). | | | |
| January | 0·7 | 1·0 | 1·4 | 1·6 | 1·1 | 1·5 | 1·5 | 1·9 | 2·4 | 2·7 | 3·9 | 4·3 | 4·8 | 5·2 | 5·4 | 5·4 | 4 |
| February | 2·4 | 2·3 | 2·6 | 2·2 | 2·0 | 1·4 | 1·4 | 1·7 | 2·5 | 3·8 | 4·9 | 5·4 | 5·5 | 6·0 | 6·2 | 6·2 | 6 |
| March | 3·6 | 3·7 | 3·5 | 3·8 | 3·2 | 3·6 | 3·3 | 3·5 | 4·7 | 5·3 | 5·8 | 6·2 | 6·9 | 7·5 | 7·8 | 7·9 | 7 |
| April | 6·9 | 6·3 | 6·2 | 5·7 | 5·1 | 5·2 | 5·5 | 6·8 | 8·0 | 8·6 | 9·1 | 9·2 | 9·3 | 10·2 | 10·0 | 10·1 | 10 |
| May | 7·9 | 7·0 | 6·9 | 6·7 | 7·1 | 6·9 | 7·3 | 8·5 | 9·5 | 11·3 | 11·1 | 11·7 | 12·5 | 12·2 | 12·4 | 12·2 | 12 |
| June | 5·8 | 5·9 | 5·9 | 5·6 | 5·2 | 5·3 | 5·9 | 7·3 | 8·2 | 9·2 | 9·3 | 9·5 | 10·2 | 10·6 | 11·3 | 11·3 | 11 |
| July | 5·2 | 5·2 | 4·8 | 4·4 | 4·5 | 4·4 | 5·4 | 7·0 | 8·2 | 8·8 | 8·4 | 8·9 | 9·2 | 10·5 | 9·8 | 9·8 | 9 |
| August | 3·7 | 2·8 | 2·4 | 3·2 | 3·2 | 2·7 | 3·3 | 5·1 | 6·3 | 7·0 | 7·9 | 7·8 | 8·4 | 8·7 | 9·3 | 8·3 | 7 |
| September | 1·7 | 2·0 | 1·7 | 2·0 | 2·1 | 2·2 | 2·8 | 3·9 | 5·2 | 5·8 | 7·0 | 7·5 | 8·1 | 8·5 | 8·9 | 8·3 | 6 |
| October | 0·8 | 0·7 | 1·0 | 1·0 | 1·2 | 0·9 | 0·9 | 1·3 | 2·0 | 3·2 | 4·5 | 5·1 | 5·5 | 5·7 | 5·3 | 5·2 | 5 |
| November | 1·0 | 1·5 | 1·5 | 2·0 | 2·1 | 2·4 | 3·1 | 3·5 | 4·5 | 4·6 | 4·5 | 5·1 | 5·0 | 5·2 | 5·5 | 4·9 | 4 |
| December | 1·8 | 1·9 | 2·8 | 2·9 | 2·6 | 1·9 | 2·0 | 2·7 | 3·0 | 4·1 | 5·5 | 5·0 | 6·7 | 7·1 | 7·2 | 6·9 | 5 |
| *Year* | 3·5 | 3·4 | 3·4 | 3·4 | 3·3 | 3·2 | 3·5 | 4·4 | 5·4 | 6·2 | 6·8 | 7·2 | 7·7 | 8·1 | 8·3 | 8·0 | 7 |
| | | | | | | | | | | | | | | GOPALPUR (Ht.—32 ft.) | | | |
| January | 3·0 | 3·2 | 3·3 | 3·7 | 3·9 | 4·1 | 4·2 | 5·2 | 5·8 | 5·6 | 5·3 | 6·6 | 7·2 | 7·5 | 7·9 | 7·5 | 7 |
| February | 4·3 | 4·3 | 3·1 | 2·9 | 3·1 | 3·1 | 3·3 | 4·6 | 5·5 | 6·4 | 8·2 | 8·5 | 9·2 | 10·0 | 10·0 | 10·7 | 10 |
| March | 6·5 | 6·5 | 5·8 | 4·8 | 4·6 | 4·1 | 5·1 | 5·5 | 6·1 | 7·1 | 8·0 | 9·9 | 10·6 | 12·0 | 12·1 | 12·2 | 12 |
| April | 13·4 | 12·3 | 11·1 | 11·3 | 10·3 | 9·7 | 9·5 | 11·8 | 13·0 | 13·3 | 15·0 | 16·0 | 16·2 | 17·1 | 18·2 | 18·3 | 17 |
| May | 16·0 | 15·8 | 14·8 | 14·8 | 13·7 | 13·3 | 12·3 | 13·9 | 13·8 | 13·8 | 15·6 | 16·5 | 17·6 | 18·1 | 18·0 | 18·3 | 17 |
| June | 9·3 | 8·7 | 8·4 | 8·2 | 8·7 | 8·0 | 8·7 | 9·2 | 9·2 | 11·0 | 12·2 | 13·0 | 14·2 | 14·9 | 14·4 | 14·0 | 12·5 |
| July† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

† Data not available.

* Hours in th case refer to L. M. T.

at 15 stations for the year 1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest maximum. Vel. / Dn. | Highest maximum. Date. | Highest maximum. Hour. | Hours (I.S.T.). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1·2 | 1·0 | 0·7 | 1·2 | 0·7 | 0·7 | 1·0 | 2·6 | 8·2 | 0·2 | 27 / N | 15 | 12 | January. |
| 2·8 | 2·0 | 2·4 | 2·4 | 1·6 | 2·1 | 2·5 | 3·3 | 10·5 | 0·1 | 30 / NW | 6 | 2 | February. |
| 3·4 | 5·7 | 4·7 | 4·4 | 4·1 | 3·6 | 3·2 | 4·8 | 15·3 | 0·3 | 48 / N | 14 | 16 | March. |
| 13·0 | 13·0 | 12·7 | 11·3 | 10·3 | 9·6 | 8·5 | 10·4 | 20·7 | 2·3 | 57 / N | 6 | 19 | April. |
| 12·6 | 12·1 | 12·5 | 11·5 | 10·6 | 10·6 | 9·0 | 12·0 | 23·0 | 1·4 | 62 / NW | 22 | 19 | May. |
| 9·5 | 8·2 | 8·2 | 8·2 | 7·4 | 6·9 | 6·6 | 8·1 | 16·7 | 0·3 | 52 / SW | 17 | 11 | June. |
| 7·3 | 7·4 | 7·6 | 7·6 | 5·9 | 5·5 | 5·9 | 7·6 | 14·2 | 1·1 | 36 / SE | 19 | 15 | July. |
| 4·1 | 4·7 | 3·7 | 4·8 | 4·6 | 4·3 | 4·3 | 5·4 | 14·7 | 0·2 | 45 / W | 2 | 20 | August. |
| 3·6 | 3·0 | 3·5 | 3·2 | 3·4 | 2·5 | 1·4 | 3·3 | 10·8 | 0 | 33 / SE | 28 | 12 | September. |
| 1·3 | 0·7 | 0·5 | 0·8 | 0·5 | 0·4 | 0·3 | 1·5 | 6·9 | 0 | 29 / SSW | 10,20 | 13,21 | October. |
| 2·1 | 1·7 | 1·4 | 1·1 | 0·8 | 1·1 | 0·8 | 2·3 | 8·4 | 0 | 28 / SW | 3 | 15 | November. |
| 2·6 | 2·4 | 1·9 | 2·1 | 2·0 | 2·2 | 2·1 | 3·4 | 6·6 | 0·3 | 24 / NNW | 31 | 13 | December. |
| 5·3 | 5·2 | 5·0 | 4·9 | 4·3 | 4·1 | 3·8 | 5·1 | 13·0 | 0·5 | 62 / NW | 22 / V | 19 | *Year.* |
| 2·4 | 0·5 | 0·7 | 0·8 | 0·8 | 0·7 | 0·7 | 2·3 | 7·0 | 0·7 | 25 / NW | 12 | 13 | January. |
| 5·2 | 2·5 | 2·7 | 2·9 | 3·0 | 2·6 | 3·1 | 3·5 | 9·0 | 0·2 | 39 / W | 3 | 12 | February. |
| 5·7 | 4·3 | 5·3 | 4·8 | 4·6 | 4·5 | 4·4 | 5·1 | 12·6 | 0·5 | 48 / N | 29 | 19 | March. |
| 11·9 | 10·9 | 10·5 | 9·3 | 8·6 | 8·1 | 7·7 | 8·3 | 13·4 | 2·4 | 46 / E | 25 | 18 | April. |
| 12·0 | 10·5 | 9·1 | 9·2 | 9·3 | 8·2 | 7·9 | 9·6 | 17·9 | 1·0 | 57 / NW | 1 | 18 | May. |
| 10·7 | 10·0 | 8·3 | 8·3 | 8·1 | 7·3 | 6·9 | 8·2 | 14·5 | 0·8 | 54 / WNW | 5 | 18 | June. |
| 8·5 | 7·3 | 6·9 | 6·7 | 6·3 | 5·7 | 5·3 | 7·1 | 13·0 | 1·0 | 36 / S | 28 | 14 | July. |
| 6·1 | 5·0 | 4·8 | 4·4 | 4·3 | 4·2 | 3·2 | 5·4 | 13·3 | 0·7 | 42 / SE | 14 | 13 | August. |
| 5·9 | 4·6 | 4·1 | 3·3 | 2·9 | 3·0 | 2·1 | 4·6 | 10·3 | 0·4 | 43 / S | 26 | 15 | September. |
| 3·1 | 1·7 | 1·5 | 1·9 | 1·6 | 1·4 | 1·3 | 2·6 | 7·7 | 0 | 47 / S | 9 | 11 | October. |
| 3·1 | 2·2 | 2·2 | 2·2 | 1·1 | 1·0 | 1·1 | 3·1 | 7·7 | 0·1 | 28 / S | 6 | 17 | November. |
| 1·7 | 1·0 | 0·5 | 0·8 | 0·6 | 0·6 | 1·3 | 3·2 | 7·9 | 0·4 | 30 / SW | 29 | 11 | December. |
| 6·4 | 5·0 | 4·7 | 4·5 | 4·3 | 3·9 | 3·7 | 5·2 | 11·2 | 0·7 | 57 / NW | 1 / V | 18 | *Year.* |
| 5·9 | 5·0 | 3·9 | 2·9 | 2·1 | 2·2 | 2·7 | 4·7 | 9·2 | 2·0 | 23 / ENE | 6 | 14 | January. |
| 11·0 | 8·9 | 8·1 | 7·0 | 6·7 | 5·3 | 4·9 | 6·6 | 19·3 | 1·5 | 40 / SSW | 12 | 18 | February. |
| 11·7 | 11·6 | 11·1 | 10·1 | 10·3 | 9·0 | 7·2 | 8·5 | 23·6 | 1·2 | 48 / S | 19 | 17 | March. |
| 16·8 | 16·2 | 16·3 | 15·2 | 14·7 | 14·7 | 14·3 | 14·3 | 23·4 | 3·9 | 52 | 7 | 18 | April. |
| 15·8 | 16·4 | 16·5 | 17·0 | 16·6 | 15·5 | 15·3 | 16·4 | 30·2 | 4·5 | 58 / N | 4 | 21 | May. |
| 12·8 | 12·6 | 11·0 | 10·4 | 9·6 | 9·8 | 9·5 | 10·8 | 22·4 | 1·5 | 46 / SSE | 11 | 18 | June. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | July. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | August. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | September. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | October. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | November. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |

## Table X.—Mean hourly and extreme wind velocities (m. p. h.)

| Hours (I. S. T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | JAMSHEDPUR (Ht.—51 ft.). | | | |
| January | 0·8 | 1·1 | 1·4 | 1·0 | 1·1 | 0·9 | 0·6 | 1·3 | 1·7 | 2·1 | 2·5 | 3·0 | 3·1 | 3·1 | 3·0 | 2·4 | 1·3 |
| February | 1·6 | 1·5 | 1·3 | 1·6 | 1·5 | 1·7 | 1·8 | 2·4 | 3·3 | 4·4 | 4·3 | 4·6 | 4·2 | 4·1 | 3·9 | 4·2 | 3·4 |
| March | 1·4 | 1·3 | 1·5 | 1·3 | 1·3 | 1·3 | 1·3 | 2·7 | 3·9 | 3·6 | 4·5 | 5·2 | 5·5 | 6·0 | 5·3 | 5·1 | 4·4 |
| April | 1·5 | 1·2 | 1·2 | 0·8 | 1·0 | 0·5 | 1·6 | 2·0 | 2·5 | 3·0 | 3·5 | 4·4 | 4·1 | 4·8 | 4·7 | 5·2 | 4·7 |
| May | 2·0 | 1·9 | 1·8 | 1·4 | 1·1 | 1·4 | 2·3 | 3·0 | 3·8 | 4·4 | 4·6 | 4·1 | 4·5 | 4·8 | 6·7 | 7·6 | 8·4 |
| June | 2·0 | 2·2 | 2·1 | 2·0 | 1·6 | 2·1 | 2·5 | 3·2 | 3·3 | 1·4 | 4·0 | 3·8 | 4·7 | 3·9 | 4·7 | 4·1 | 3·3 |
| July | 1·2 | 1·4 | 0·9 | 2·0 | 1·6 | 1·4 | 2·3 | 3·2 | 4·0 | 4·2 | 4·9 | 4·4 | 3·7 | 3·5 | 3·2 | 3·8 | 3·8 |
| August | 1·5 | 1·6 | 1·5 | 1·7 | 2·2 | 1·9 | 2·3 | 4·3 | 4·8 | 4·6 | 4·9 | 5·6 | 5·5 | 5·8 | 5·5 | 4·9 | 4·0 |
| September | 1·1 | 1·8 | 1·8 | 1·2 | 1·5 | 1·7 | 2·4 | 3·8 | 3·7 | 5·3 | 4·5 | 4·9 | 4·9 | 5·3 | 5·3 | 4·8 | 4·3 |
| October | 0·9 | 0·9 | 0·9 | 0·6 | 0·8 | 0·9 | 1·1 | 1·7 | 1·8 | 2·8 | 2·5 | 2·8 | 3·6 | 3·3 | 3·0 | 1·8 | 1·7 |
| November | 0·8 | 0·9 | 0·6 | 1·0 | 1·1 | 1·1 | 1·2 | 1·3 | 2·3 | 2·8 | 3·3 | 3·5 | 3·6 | 3·5 | 3·1 | 2·9 | 2·0 |
| December | 1·3 | 1·2 | 1·0 | 1·0 | 0·8 | 0·6 | 0·8 | 1·3 | 2·8 | 3·1 | 3·3 | 3·9 | 3·6 | 3·3 | 2·3 | 2·5 | 0·8 |
| *Year* | 1·3 | 1·4 | 1·3 | 1·3 | 1·3 | 1·2 | 1·6 | 2·6 | 3·1 | 3·4 | 3·9 | 4·1 | 4·2 | 4·2 | 4·2 | 4·1 | 3·5 |
| | | | | | | | | | | | | | | | GAYA (Ht.—41 ft.). | | |
| January | 0·6 | 1·0 | 0·7 | 0·7 | 0·4 | 0·4 | 0·4 | 0·6 | 1·8 | 2·8 | 3·8 | 4·2 | 5·3 | 5·3 | 5·7 | 6·0 | 3·7 |
| February | 0·3 | 1·0 | 1·1 | 1·7 | 0·8 | 1·2 | 1·3 | 2·9 | 4·7 | 5·0 | 5·8 | 6·5 | 7·4 | 6·6 | 6·4 | 7·0 | 5·3 |
| March | 1·0 | 1·4 | 1·6 | 0·8 | 1·6 | 1·5 | 1·7 | 2·4 | 4·3 | 4·3 | 5·5 | 6·4 | 8·2 | 8·0 | 8·8 | 8·9 | 6·9 |
| April | 3·7 | 3·0 | 2·7 | 2·1 | 2·7 | 3·2 | 3·9 | 5·6 | 7·1 | 6·4 | 8·3 | 11·2 | 13·7 | 14·9 | 15·7 | 16·5 | 13·6 |
| May | 8·0 | 6·7 | 6·0 | 6·8 | 5·6 | 6·5 | 9·5 | 9·8 | 9·9 | 10·2 | 12·0 | 16·1 | 15·7 | 16·0 | 16·9 | 17·9 | 16·2 |
| June | 5·7 | 4·9 | 4·8 | 5·6 | 4·4 | 5·6 | 7·1 | 9·0 | 12·6 | 14·1 | 15·3 | 15·2 | 18·5 | 18·3 | 18·7 | 15·9 | 15·5 |
| July | 4·9 | 4·6 | 4·3 | 4·4 | 3·7 | 3·3 | 5·0 | 6·6 | 7·5 | 7·1 | 7·6 | 8·1 | 8·3 | 8·2 | 9·3 | 9·3 | 6·5 |
| August | 6·3 | 6·6 | 6·3 | 6·7 | 5·9 | 6·1 | 7·8 | 8·7 | 9·1 | 9·0 | 8·9 | 9·8 | 9·9 | 10·7 | 9·8 | 8·9 | 8·6 |
| September | 3·4 | 3·4 | 3·0 | 3·8 | 3·0 | 3·7 | 4·3 | 5·0 | 5·7 | 5·1 | 5·8 | 6·2 | 7·6 | 7·6 | 7·5 | 7·7 | 7·4 |
| October | 0·9 | 0·8 | 0·8 | 1·3 | 1·4 | 1·3 | 1·9 | 2·1 | 1·3 | 2·1 | 2·4 | 3·8 | 3·4 | 3·3 | 3·8 | 4·0 | 2·9 |
| November | 0·5 | 0·6 | 0·8 | 0·9 | 1·0 | 0·9 | 0·7 | 1·7 | 1·7 | 1·4 | 3·0 | 2·7 | 4·1 | 3·9 | 4·1 | 3·9 | 2·1 |
| December | 0·6 | 0·7 | 0·7 | 0·8 | 0·9 | 1·2 | 1·0 | 1·6 | 2·0 | 2·0 | 3·1 | 4·1 | 4·8 | 5·0 | 4·6 | 3·9 | 2·0 |
| *Year* | 2·9 | 2·8 | 2·6 | 2·9 | 2·6 | 2·9 | 3·7 | 4·6 | 5·6 | 5·8 | 6·7 | 7·8 | 8·8 | 8·8 | 9·2 | 9·9 | 7·[illegible] |

**at 15 stations for the year 1948.**

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest maximum. Vel. / Dn. | Highest maximum. Date. | Highest maximum. Hour. | Hours (I.S.T.). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0·6 | 0·8 | 0·7 | 0·9 | 0·7 | 0·6 | 0·6 | 1·4 | 6·6 | 0 | 33 / — | 5 | 18 | January. |
| 2·1 | 1·6 | 1·1 | 1·8 | 1·4 | 1·7 | 1·0 | 2·4 | 7·6 | 0·1 | 37 / — | 4 | 15 | Februar |
| 3·5 | 2·4 | 1·6 | 2·0 | 1·3 | 1·9 | 1·5 | 2·9 | 12·6 | 0·1 | 57 / — | 23 | 19 | March. |
| 3·5 | 3·3 | 3·9 | 3·7 | 3·0 | 1·9 | 1·9 | 2·8 | 13·0 | 0 | 54 / — | 6 | 17 | April. |
| 7·3 | 5·7 | 5·8 | 6·1 | 4·2 | 3·1 | 2·6 | 4·1 | 12·6 | 0 | 55 / — | 25 | 21 | May. |
| 3·4 | 2·1 | 3·0 | 2·9 | 3·2 | 3·1 | 2·9 | 3·0 | 12·3 | 0 | 51 / — | 5 | 15 | June. |
| 3·0 | 2·4 | 1·5 | 1·7 | 1·5 | 1·2 | 1·2 | 2·5 | 8·9 | 0 | 32 / — | 13 | 21 | July. |
| 2·6 | 2·4 | 1·5 | 1·3 | 1·6 | 1·7 | 1·5 | 3·1 | 13·1 | 0 | 37 / — | 14 | 16 | August. |
| 3·1 | 2·0 | 1·6 | 2·2 | 1·1 | 1·2 | 1·1 | 2·9 | 8·7 | 0 | 35 / — | 13 | 17 | September. |
| 1·5 | 0·8 | 0·9 | 1·1 | 0·5 | 1·3 | 0·5 | 1·7 | 6·8 | 0 | 23 / — | 15 | 21 | October. |
| 1·5 | 1·7 | 1·9 | 2·0 | 2·1 | 1·5 | 1·2 | 1·9 | 7·3 | 0 | 25 / — | 27 | 19 | November. |
| 0·2 | 0·2 | 0·3 | 0·4 | 0·5 | 1·1 | 0·7 | 1·5 | 4·9 | 0·1 | 19 / — | 15 | 13 | December. |
| 2·6 | 2·1 | 1·9 | 2·1 | 1·7 | 1·6 | 1·3 | 2·5 | 9·5 | 0 | 57 / — | 23 / III | 19 | Year |
| 1·8 | 1·3 | 1·5 | 1·3 | 1·2 | 1·3 | 0·4 | 2·2 | 9·2 | 0 | 25 / W | 31 | 14 | January. |
| 2·6 | 1·4 | 1·3 | 0·9 | 0·7 | 1·0 | 0·9 | 3·1 | 11·5 | 0 | 32 / WSW | 27 | 8 | February. |
| 4·7 | 2·1 | 2·4 | 1·6 | 1·3 | 1·3 | 0·8 | 3·6 | 15·2 | 0 | 54 / SW | 24 | 20 | March. |
| 10·2 | 5·3 | 4·4 | 5·2 | 5·3 | 5·2 | 4·8 | 7·3 | 24·2 | 0 | 42 / SW | 21 | 15 | April. |
| 14·5 | 12·3 | 9·4 | 9·4 | 10·5 | 11·0 | 10·6 | 11·1 | 26·9 | 1·0 | 58 / SW | 27 | 14 | May. |
| 14·0 | 11·7 | 8·4 | 9·1 | 8·6 | 8·9 | 6·6 | 10·8 | 25·7 | 0·5 | 51 / SW | 12 | 15 | Jure. |
| 6·9 | 5·7 | 5·7 | 4·9 | 3·8 | 4·9 | 5·0 | 6·1 | 16·9 | 0 | 42 / SW | 12 | 15 | July. |
| 6·7 | 7·0 | 6·6 | 5·8 | 6·0 | 5·9 | 6·1 | 7·6 | 20·2 | 0·1 | 39 / SSE | 6 | 6 | August. |
| 4·9 | 5·2 | 4·9 | 4·0 | 3·7 | 3·2 | 3·4 | 5·0 | 14·5 | 0 | 42 / SW | 13 | 4 | September. |
| 1·5 | 1·2 | 1·1 | 0·9 | 1·1 | 0·9 | 0·7 | 1·9 | 8·4 | 0 | 45 / SW | 10 | 19 | October. |
| 1·0 | 0·6 | 0·7 | 0·5 | 0·4 | 0·4 | 0·4 | 1·6 | 8·2 | 0 | 20 / ENE | 27 | 14 | November. |
| 0·7 | 0·4 | 0·4 | 0·2 | 0·4 | 0·5 | 0·2 | 1·7 | 7·3 | 0 | 27 / WSW | 23 | 12 | December. |
| 5·8 | 4·5 | 3·9 | 3·6 | 3·5 | 3·8 | 3·3 | 5·0 | 15·7 | 0·1 | 58 / SW | 27 / V | 14 | Year. |

## Table X.—Mean hourly and extreme win

| Hours (I. S. T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month | | | | | | | | | | | | | ALLAHABAD (BAMRAULI) (Ht.—40 ft.) | | | | |
| January | 2·3 | 1·7 | 2·2 | 2·0 | 2·0 | 1·9 | 2·3 | 2·5 | 4·1 | 4·8 | 5·4 | 6·2 | 5·9 | 6·6 | 6·4 | 5·3 | 3·9 |
| February | 2·5 | 2·4 | 2·6 | 2·3 | 2·5 | 2·6 | 2·3 | 2·9 | 4·3 | 5·1 | 5·9 | 6·8 | 7·0 | 8·1 | 8·7 | 7·8 | 6·6 |
| March | 2·3 | 2·1 | 2·0 | 1·9 | 1·9 | 1·9 | 2·4 | 3·0 | 3·3 | 4·1 | 5·5 | 6·3 | 7·1 | 8·0 | 8·3 | 8·6 | 7·3 |
| April | 2·6 | 2·4 | 2·4 | 2·3 | 2·5 | 2·3 | 2·8 | 4·5 | 5·7 | 6·0 | 7·1 | 8·3 | 10·4 | 11·0 | 11·3 | 12·0 | 10·8 |
| May | 2·4 | 2·6 | 2·1 | 1·2 | 1·9 | 2·3 | 3·3 | 4·5 | 5·7 | 6·1 | 6·6 | 7·3 | 8·3 | 7·7 | 10·7 | 10·2 | 10·1 |
| June | 3·5 | 3·9 | 3·6 | 3·1 | 3·3 | 3·0 | 5·0 | 6·5 | 8·3 | 8·9 | 9·8 | 9·7 | 10·1 | 9·4 | 9·8 | 8·6 | 8·9 |
| July | 3·7 | 3·2 | 3·4 | 3·2 | 3·4 | 3·5 | 3·7 | 4·4 | 5·5 | 5·7 | 5·9 | 5·8 | 5·3 | 5·6 | 5·0 | 5·3 | 4·7 |
| August | 2·2 | 2·0 | 2·0 | 2·5 | 2·2 | 2·7 | 3·6 | 4·0 | 4·1 | 4·3 | 4·4 | 5·5 | 5·4 | 5·2 | 5·5 | 5·5 | 3·8 |
| September | 1·3 | 1·1 | 1·5 | 1·5 | 1·6 | 1·3 | 1·9 | 3·3 | 3·7 | 4·1 | 4·4 | 3·8 | 3·9 | 4·7 | 3·9 | 3·9 | 3·3 |
| October | *0·6* | *0·4* | *0·5* | *0·6* | *0·8* | *0·5* | *0·7* | *1·6* | *2·2* | *2·6* | *2·6* | *2·6* | *4·0* | *3·7* | *3·3* | *2·9* | 2·2 |
| November | *1·1* | *1·1* | *0·8* | *0·7* | *0·8* | *1·1* | *1·1* | *1·1* | *1·5* | *2·0* | *2·5* | *3·2* | *4·0* | *4·0* | *4·1* | *3·3* | 1·[illegible] |
| December | 0·7 | 0·5 | 0·9 | 0·7 | 0·9 | 0·9 | 0·9 | 0·9 | 1·5 | 2·6 | 3·5 | 4·2 | 4·4 | 4·8 | 4·7 | 3·4 | 0·[illegible] |
| *Year* | 2·1 | 1·9 | 2·0 | 1·8 | 2·0 | 2·0 | 2·5 | 3·3 | 4·2 | 4·7 | 5·3 | 5·8 | 6·3 | 6·6 | 6·8 | 6·4 | 5·[illegible] |
| | | | | | | | | | | | | | NEW DELHI (Ht.—65 ft.) | | | | |
| January | 4·1 | 4·1 | 4·4 | 4·1 | 4·2 | 4·4 | 4·6 | 4·8 | 5·8 | 6·0 | 7·4 | 8·3 | 8·4 | 8·5 | 7·8 | 7·4 | 7· |
| February | 3·9 | 3·5 | 4·6 | 3·8 | 3·8 | 3·7 | 4·1 | 5·4 | 6·8 | 7·1 | 8·8 | 9·4 | 9·7 | 9·3 | 9·7 | 9·9 | 8· |
| March | 6·0 | 5·4 | 6·1 | 4·1 | 4·2 | 4·7 | 6·0 | 7·1 | 7·6 | 8·0 | 9·4 | 10·3 | 10·6 | 10·4 | 9·6 | 9·2 | 8· |
| April | 5·0 | 5·0 | 4·6 | 4·1 | 3·8 | 4·2 | 7·3 | 8·7 | 9·5 | 9·9 | 10·0 | 10·6 | 11·0 | 11·7 | 11·6 | 10·6 | 11· |
| May | 4·6 | 3·3 | 3·8 | 4·9 | 4·9 | 4·8 | 6·4 | 9·1 | 11·4 | 10·7 | 10·8 | 11·2 | 11·3 | 10·5 | 12·2 | 12·6 | 12· |
| June | 7·7 | 6·9 | 7·3 | 7·7 | 8·5 | 7·7 | 8·6 | 10·5 | 12·4 | 12·0 | 13·4 | 12·8 | 13·1 | 12·2 | 13·3 | 12·3 | 12· |
| July | 8·1 | 8·0 | 7·3 | 7·6 | 7·6 | 8·0 | 9·3 | 9·8 | 10·2 | 11·3 | 10·8 | 10·6 | 10·7 | 9·5 | 9·8 | 10·5 | 10· |
| August | 5·0 | 5·2 | 5·3 | 5·4 | 5·4 | 4·9 | 5·8 | 6·3 | 7·1 | 7·8 | 7·5 | 7·7 | 7·7 | 7·3 | 6·8 | 5·7 | 5· |
| September | 3·4 | 3·5 | 4·2 | 4·2 | 4·1 | 4·1 | 4·9 | 6·2 | 7·3 | 7·4 | 7·4 | 7·1 | 6·6 | 6·4 | 6·0 | 6·3 | 4· |
| October | 3·5 | 3·9 | 3·4 | 4·0 | 3·5 | 4·4 | 4·1 | 5·5 | 6·8 | 6·9 | 6·8 | 6·1 | 5·9 | 5·7 | 5·0 | 6·0 | 3· |
| November | 2·5 | 2·4 | 3·1 | 3·2 | 3·9 | 3·6 | 3·6 | 4·1 | 4·6 | 4·8 | 5·6 | 6·4 | 6·2 | 5·7 | 5·8 | 5·6 | 3· |
| December | 2·7 | 2·8 | 2·8 | 3·0 | 2·9 | 2·9 | 3·1 | 3·4 | 4·0 | 4·5 | 5·2 | 4·7 | 6·5 | 6·2 | 6·1 | 5·8 | 4· |
| *Year* | 4·7 | 4·5 | 4·7 | 4·7 | 4·7 | 4·8 | 5·7 | 6·7 | 7·8 | 8·0 | 8·3 | 8·8 | 9·0 | 8·6 | 8·6 | 8·5 | 7· |

velocities (m.p.h.) at 15 stations for the year 1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest Maximum. Vel. / Dn. | Highest Maximum. Date. | Highest Maximum. Hour. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2·6 | 2·7 | 2·7 | 2·7 | 2·8 | 2·6 | 2·9 | 3·5 | 9·5 | 0·5 | 31 / NW, 31 / NW | 2, 31 | 21, 15 | January. |
| 3·4 | 3·3 | 3·2 | 2·8 | 3·1 | 3·2 | 3·2 | 4·3 | 10·2 | 0·7 | 31 / NW | 7 | 10 | February. |
| 4·9 | 3·5 | 3·4 | 3·0 | 3·0 | 3·0 | 3·0 | 4·1 | 10·7 | 0·4 | 36 / W | 16 | 14 | March. |
| 8·6 | 4·2 | 3·0 | 2·2 | 2·1 | 2·1 | 2·8 | 4·4 | 12·4 | 0·7 | 34 / NW | 22 | 15 | April. |
| 7·9 | 2·7 | 1·9 | 1·8 | 2·2 | 2·1 | 2·1 | 4·7 | 14·4 | 0·6 | 45 / WNW | 10 | 16 | May |
| 8·0 | 5·4 | 4·8 | 3·8 | 3·1 | 2·7 | 3·1 | 6·1 | 17·0 | 0·5 | 42 / WSSW | 7,15 | 13,20 | June. |
| 3·6 | 3·0 | 2·5 | 2·6 | 3·6 | 3·1 | 3·7 | 4·1 | 12·4 | 0 | 40 / NNE | 3 | 24 | July. |
| 3·0 | 2·0 | 2·2 | 1·6 | 1·5 | 1·9 | 3·0 | 2·3 | 11·7 | 0·1 | 36 / ENE | 15 | 15 | August. |
| 2·3 | 1·5 | 1·3 | 1·0 | 1·4 | 1·2 | 0·9 | 2·4 | 8·5 | 0 | 39 / WNW | 12 | 14 | September. |
| *0·8* | *1·2* | *0·8* | *1·1* | *0·6* | *0·8* | *0·7* | *1·6* | *7·6* | *6·2* | 68 / NW | 10 | 12 | October. |
| *0·4* | *0·6* | *0·7* | *0·8* | *0·3* | *0·8* | *1·4* | *1·6* | *5·9* | *0* | 24 / SSE | 21 | 24 | November. |
| 0·4 | 0·5 | 0·7 | 0·5 | 0·5 | 0·5 | 0·7 | 1·7 | 5·6 | 0·3 | 25 / SW | 8 | 13 | December. |
| 3·8 | 2·5 | 2·3 | 2·0 | 2·0 | 2·0 | 2·3 | 3·4 | 10·5 | 0·3 | 68 / NW | 10 / X | 12 | *Year.* |
| 5·0 | 4·3 | 4·2 | 3·7 | 4·1 | 4·9 | 5·0 | 5·5 | 13·4 | 0·4 | 42 / ENE | 2 | 14 | January. |
| 5·8 | 4·2 | 3·6 | 3·7 | 3·5 | 4·2 | 3·7 | 5·9 | 15·0 | 0·4 | 38 / SW | 27 | 03 | February. |
| 6·7 | 5·1 | 4·9 | 5·4 | 5·6 | 6·1 | 6·0 | 6·9 | 15·5 | 0·5 | 34 / NNW | 30 | 11 | March. |
| 10·3 | 5·8 | 4·7 | 5·9 | 5·7 | 5·3 | 5·6 | 7·6 | 17·5 | 0·3 | 46 / NNW | 3 | 07 | April. |
| 11·5 | 6·1 | 3·4 | 4·0 | 4·4 | 4·7 | 4·0 | 7·6 | 20·9 | 0·2 | 60 / W | 26 | 17 | May. |
| 11·3 | 10·0 | 8·0 | 7·3 | 7·3 | 7·2 | 6·9 | 9·9 | 23·7 | 1·4 | 63 / NNW | 1 | 16 | June. |
| 10·8 | 7·7 | 6·8 | 8·6 | 7·9 | 8·1 | 8·4 | 9·1 | 18·0 | 2·7 | 50 / NNW | 9,15 | 16 | July. |
| 5·0 | 4·6 | 4·5 | 4·7 | 4·9 | 4·7 | 4·7 | 5·8 | 14·5 | 0·2 | 41 / N | 23 | 13 | August. |
| 2·7 | 2·2 | 2·0 | 2·3 | 2·1 | 2·3 | 2·2 | 4·5 | 11·9 | 0·1 | 33 / — | 7 | 09 | September. |
| 3·7 | 3·5 | 2·5 | 1·9 | 2·4 | 2·5 | 3·0 | 4·4 | 13·6 | 0 | 49 / NW | 2 | 17 | October. |
| 3·6 | 2·9 | 2·7 | 2·4 | 2·9 | 2·3 | 2·5 | 3·9 | 8·8 | 0·1 | 33 / S | 21 | 12 | November. |
| 3·4 | 2·8 | 2·8 | 3·0 | 2·8 | 2·2 | 2·7 | 3·8 | 10·5 | 0·4 | 27 / NNW | 23 | 14 | December. |
| 6·7 | 4·9 | 4·2 | 4·4 | 4·5 | 4·5 | 4·6 | 6·2 | 15·3 | 0·6 | 63 / NW | 1 / VI | 16 | *Year.* |

Figures in italics are means of data which are not available for a complete months.

## Table X.—Mean hourly and extreme win

| Hours (I. S. T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month. | | | | | | | | | | | | | | | JODHPUR (Ht.—60 ft. | | |
| January | 7·4 | 7·5 | 7·2 | 7·0 | 7·1 | 6·6 | 6·9 | 5·8 | 5·7 | 5·2 | 6·4 | 7·5 | 7·5 | 7·2 | 7·6 | 7·0 | 7·1 |
| February | 5·3 | 5·5 | 4·6 | 4·4 | 4·6 | 4·8 | 4·6 | 4·1 | 3·9 | 3·6 | 2·9 | 4·7 | 5·3 | 5·8 | 6·5 | 6·1 | 6·1 |
| March | 5·0 | 4·8 | 5·1 | 4·9 | 4·8 | 4·3 | 4·5 | 4·2 | 4·7 | 5·6 | 6·8 | 6·6 | 6·3 | 6·8 | 6·8 | 6·9 | 5·7 |
| April | 2·0 | 2·0 | 1·9 | 1·6 | 1·4 | 1·1 | 0·8 | 1·1 | 2·2 | 3·4 | 4·0 | 5·5 | 5·3 | 5·9 | 5·1 | 4·8 | 4·7 |
| May | 2·9 | 3·7 | 4·1 | 4·3 | 4·1 | 3·1 | 3·7 | 5·4 | 7·5 | 7·3 | 7·7 | 8·5 | 8·0 | 8·6 | 8·8 | 8·5 | 8·2 |
| June | 3·3 | 3·5 | 3·2 | 3·7 | 3·2 | 2·5 | 3·3 | 5·4 | 5·5 | 5·3 | 6·4 | 6·3 | 6·0 | 5·5 | 5·1 | 4·6 | 4·7 |
| July* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | | | | | | BARODA (Ht.—72 ft.) | | |
| January | 3·3 | 3·3 | 3·2 | 3·2 | 3·4 | 3·3 | 3·3 | 3·9 | 4·9 | 5·3 | 5·4 | 4·1 | 4·7 | 4·5 | 4·7 | 4·2 | 4·6 |
| February | 2·0 | 1·7 | 1·6 | 1·8 | 1·5 | 1·5 | 1·8 | 2·3 | 3·3 | 4·6 | 4·1 | 4·0 | 3·6 | 3·8 | 3·9 | 3·2 | 3·7 |
| March | 2·5 | 2·6 | 2·2 | 2·2 | 2·0 | 1·4 | 1·0 | 2·8 | 3·4 | 5·1 | 4·8 | 4·2 | 4·3 | 4·2 | 4·6 | 3·7 | 4·7 |
| April | 4·5 | 2·7 | 2·4 | 2·1 | 1·8 | 1·4 | 1·8 | 4·1 | 5·2 | 5·2 | 5·4 | 5·3 | 5·4 | 5·2 | 5·4 | 5·2 | 4·3 |
| May | 7·2 | 6·3 | 5·3 | 4·3 | 4·3 | 3·7 | 3·9 | 6·1 | 6·7 | 6·5 | 6·3 | 6·3 | 6·5 | 6·8 | 6·3 | 7·0 | 7·1 |
| June | 6·2 | 5·6 | 4·1 | 3·9 | 2·9 | 2·4 | 2·7 | 4·4 | 4·7 | 5·6 | 5·6 | 5·8 | 6·0 | 6·0 | 6·1 | 6·1 | 7·0 |
| July | 6·1 | 6·1 | 4·5 | 3·9 | 3·2 | 2·8 | 2·5 | 4·0 | 6·2 | 6·8 | 6·7 | 6·8 | 6·3 | 6·2 | 6·0 | 6·4 | 7·7 |
| August | 3·3 | 2·9 | 3·1 | 2·5 | 1·9 | 1·3 | 1·4 | 2·1 | 4·1 | 4·7 | 5·1 | 5·5 | 5·6 | 5·3 | 5·0 | 4·6 | 5·1 |
| September | 2·6 | 2·1 | 1·7 | 1·4 | 1·1 | 0·9 | 1·0 | 2·7 | 5·5 | 5·1 | 5·0 | 4·3 | 4·4 | 4·5 | 4·4 | 3·3 | 3·4 |
| October | 0·4 | 0·3 | 0·5 | 0·3 | 0·2 | 0·2 | 0·1 | 1·2 | 2·1 | 2·1 | 1·5 | 1·0 | 1·6 | 1·5 | 2·1 | 2·0 | 2·4 |
| November | 1·0 | 0·8 | 1·2 | 1·1 | 1·2 | 1·5 | 1·5 | 2·1 | 3·4 | 4·1 | 4·4 | 4·0 | 4·3 | 3·8 | 3·7 | 3·3 | 3·0 |
| December | 0·4 | 0·3 | 0·3 | 0·4 | 0·5 | 0·4 | 0·6 | 1·5 | 2·3 | 2·8 | 2·6 | 1·5 | 2·3 | 2·1 | 1·8 | 2·0 | 1·5 |
| Year | 3·3 | 2·9 | 2·5 | 2·3 | 2·0 | 1·7 | 1·8 | 3·1 | 4·3 | 4·8 | 4·7 | 4·4 | 4·6 | 4·5 | 4·5 | 4·3 | 4·5 |

* Data not available.

elocities (m.p.h.) at 15 stations for the year—1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest Maximum. Vel. / Dn. | Highest Maximum. Date. | Highest Maximum. Hour. | Hours (I.S.T.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Month. |
| 5·5 | 5·3 | 5·5 | 6·4 | 6·0 | 5·9 | 6·9 | 6·6 | 11·2 | 2·5 | 32 / NE | 13 | 13 | January. |
| 5·8 | 4·2 | 4·3 | 5·7 | 5·3 | 5·8 | 5·4 | 5·0 | 10·1 | 0·8 | 34 / N | 17 | 19 | February. |
| 5·1 | 4·3 | 3·5 | 3·7 | 5·1 | 5·0 | 5·3 | 5·2 | 10·8 | 0·8 | 33 / NE | 22 | 13 | March. |
| 3·2 | 2·5 | 1·3 | 1·4 | 1·1 | 1·3 | 1·9 | 2·7 | 9·0 | 0 | 36 / WSW | 3 | 14 | April. |
| 7·1 | 5·7 | 2·6 | 2·4 | 2·2 | 1·8 | 3·0 | 5·4 | 11·5 | 0·2 | 38 / SSW | 30 | 17 | May. |
| 3·5 | 2·9 | 2·3 | 1·8 | 1·9 | 2·1 | 2·3 | 3·9 | 9·7 | 0·5 | 40 / SSW | 3, 24 | 16 | June. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | July. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | August. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | September. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | October. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | November. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |
| 3·4 | 2·9 | 3·5 | 3·3 | 3·1 | 3·1 | 3·2 | 3·8 | 18·2 | 0 | 27 / NNE | 13 | 10 | January. |
| 2·8 | 1·2 | 1·2 | 1·6 | 1·8 | 1·7 | 1·9 | 2·5 | 12·7 | 0 | 24 / ENE | 6 | 12 | February. |
| 3·8 | 1·9 | 2·1 | 2·0 | 2·4 | 2·8 | 3·0 | 3·5 | 15·0 | 0 | 24 / ESE | 1 | 11 | March. |
| 4·1 | 2·5 | 3·8 | 4·2 | 4·8 | 4·5 | 4·0 | 4·0 | 16·9 | 0·4 | 28 / WNW | 29 | 15 | April. |
| 7·7 | 9·5 | 10·1 | 9·7 | 8·9 | 8·6 | 7·7 | 6·8 | 24·7 | 0·8 | 39 / WSW | 28 | 23 | May. |
| 8·3 | 9·1 | 8·6 | 8·6 | 8·2 | 7·3 | 6·5 | 5·9 | 23·1 | 0·2 | 43 / W | 12 | 16 | June. |
| 8·1 | 9·0 | 8·9 | 8·9 | 8·3 | 8·2 | 6·9 | 6·3 | 25·3 | 0·7 | 44 / SW | 13 | 14 | July. |
| 4·6 | 5·8 | 5·7 | 5·9 | 5·1 | 4·3 | 4·0 | 4·1 | 20·4 | 0 | 39 / W | 2 | 13 | August. |
| 2·7 | 1·9 | 2·9 | 4·0 | 3·2 | 3·2 | 3·1 | 3·1 | 17·4 | 0 | 33 / SSW | 25 | 11 | September. |
| 1·9 | 1·0 | 1·0 | 1·3 | 1·0 | 0·9 | 0·5 | 1·1 | 10·9 | 0 | 38 / NNE | 6 | 16 | October. |
| 1·5 | 1·2 | 1·3 | 1·3 | 1·3 | 1·2 | 1·7 | 2·2 | 16·7 | 0 | 31 / NE | 2 | 14 | November. |
| 0·4 | 0·6 | 0·6 | 0·7 | 0·4 | 0·4 | 0·5 | 1·1 | 8·7 | 0 | 23 / ESE | 2 | 16 | December. |
| 4·1 | 3·9 | 4·1 | 4·3 | 4·0 | 3·9 | 3·6 | 3·7 | 17·5 | 0·2 | 44 / SW | 13 / VII | 14 | *Year.* |

## Table X.—Mean hourly and extreme winc

| Hours (I. S. T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month. | | | | | | | | | | | | | | | BOMBAY* (Ht.—85 ft.) | | |
| January | 4·5 | 4·1 | 4·2 | 4·4 | 4·6 | 5·0 | 4·4 | 4·5 | 5·1 | 5·5 | 4·9 | 5·2 | 5·9 | 7·5 | 8·5 | 9·1 | 9·5 |
| February | 5·0 | 5·6 | 5·2 | 5·4 | 5·0 | 4·9 | 4·9 | 5·0 | 5·6 | 5·2 | 5·3 | 7·2 | 9·0 | 9·6 | 10·5 | 10·7 | 10·9 |
| March | 4·2 | 4·1 | 3·7 | 4·2 | 4·3 | 3·9 | 3·9 | 3·8 | 3·9 | 4·2 | 5·5 | 7·5 | 9·2 | 10·3 | 11·3 | 12·0 | 11·7 |
| April | 4·4 | 3·7 | 3·0 | 2·1 | 1·9 | 1·9 | 1·7 | 2·1 | 2·9 | 3·5 | 5·5 | 7·1 | 8·7 | 10·0 | 10·4 | 10·7 | 10·2 |
| May | 3·9 | 3·2 | 3·0 | 3·3 | 3·1 | 3·1 | 3·3 | 3·8 | 3·9 | 4·6 | 6·1 | 6·7 | 7·6 | 8·2 | 8·9 | 9·1 | 8·9 |
| June | 8·3 | 8·4 | 8·2 | 7·9 | 8·2 | 8·6 | 8·1 | 7·7 | 7·9 | 8·7 | 8·5 | 9·4 | 9·1 | 10·0 | 11·1 | 11·1 | 10·7 |
| July | 10·3 | 10·0 | 10·2 | 9·7 | 10·0 | 9·9 | 9·3 | 9·6 | 9·4 | 9·4 | 10·4 | 11·3 | 11·7 | 12·0 | 11·0 | 10·9 | 11·4 |
| August | *9·6* | *9·1* | *9·3* | *9·5* | *9·7* | *9·8* | *10·2* | *9·7* | *9·3* | *9·3* | *10·0* | *10·1* | *10·1* | *10·5* | *10·6* | *10·9* | *11·0* |
| September | 7·9 | 8·4 | 8·2 | 8·8 | 8·2 | 8·8 | 8·7 | 8·6 | 8·9 | 8·6 | 9·2 | 10·4 | 11·3 | 11·1 | 11·4 | 10·7 | 10·2 |
| October | 4·9 | 4·6 | 4·8 | 5·1 | 5·1 | 4·9 | 4·5 | 5·3 | 5·6 | 5·3 | 5·6 | 7·2 | 8·5 | 9·4 | 10·4 | 10·6 | 10·2 |
| November | 6·9 | 6·7 | 7·0 | 7·0 | 6·9 | 7·0 | 7·8 | 8·0 | 8·7 | 8·6 | 7·4 | 8·1 | 8·5 | 8·9 | 9·9 | 10·3 | 10·6 |
| December | 5·5 | 6·6 | 6·9 | 7·5 | 8·0 | 8·8 | 8·8 | 9·2 | 9·9 | 9·7 | 9·1 | 7·8 | 6·1 | 5·9 | 6·9 | 7·8 | 8·4 |
| *Year* | 6·3 | 6·2 | 6·1 | 6·2 | 6·3 | 6·4 | 6·3 | 6·4 | 6·8 | 6·9 | 7·3 | 8·2 | 8·8 | 9·5 | 10·1 | 10·3 | 10·3 |
| | | | | | | | | | | | | | | | POONA (Ht.—130 ft.) | | |
| January | 2·5 | 3·2 | 2·7 | 2·5 | 2·7 | 2·9 | 2·1 | 1·5 | 1·2 | 2·9 | 4·2 | 5·1 | 5·2 | 4·9 | 4·9 | 5·2 | 5·2 |
| February | 4·5 | 4·1 | 4·4 | 3·9 | 4·5 | 4·5 | 3·8 | 2·9 | 1·2 | 2·9 | 5·0 | 5·3 | 5·6 | 6·2 | 7·0 | 7·5 | 8·0 |
| March | 3·7 | 3·9 | 4·1 | 3·4 | 3·5 | 3·1 | 3·3 | 1·8 | 1·3 | 2·8 | 4·7 | 5·5 | 5·4 | 6·1 | 5·7 | 5·6 | 7·9 |
| April | 4·2 | 4·4 | 4·5 | 4·5 | 4·0 | 4·4 | 4·0 | 3·5 | 3·2 | 4·4 | 5·3 | 5·6 | 5·7 | 6·8 | 7·9 | 9·5 | 11·2 |
| May | 7·0 | 7·3 | 7·6 | 5·9 | 6·9 | 6·3 | 6·6 | 8·2 | 9·5 | 9·3 | 10·4 | 10·5 | 11·4 | 11·6 | 12·3 | 12·3 | 13·2 |
| June | 6·0 | 6·0 | 5·7 | 5·6 | 4·7 | 4·4 | 5·0 | 5·5 | 6·3 | 7·2 | 8·9 | 9·0 | 8·6 | 9·3 | 11·2 | 11·1 | 11·9 |
| July | 7·7 | 7·2 | 7·5 | 9·5 | 7·9 | 7·8 | 7·8 | 8·7 | 10·5 | 12·0 | 12·9 | 13·2 | 13·5 | 13·8 | 13·6 | 13·1 | 13·2 |
| August | 8·3 | 8·4 | 8·8 | 8·1 | 8·9 | 8·1 | 8·3 | 9·7 | 11·8 | 13·1 | 14·3 | 14·4 | 15·7 | 15·8 | 15·4 | 15·4 | 14·8 |
| September | 5·2 | 4·7 | 4·5 | 4·5 | 5·4 | 4·7 | 4·0 | 5·5 | 8·5 | 10·2 | 10·4 | 11·9 | 11·7 | 12·3 | 14·0 | 13·6 | 13·0 |
| October | 3·6 | 4·1 | 4·6 | 4·3 | 3·8 | 3·2 | 2·9 | 2·6 | 3·4 | 4·6 | 5·8 | 6·0 | 6·6 | 6·4 | 7·1 | 8·0 | 7·7 |
| November | 3·4 | 3·4 | 3·0 | 2·8 | 2·7 | 3·3 | 3·3 | 3·4 | 4·6 | 5·7 | 6·7 | 7·2 | 6·9 | 7·6 | 7·4 | 7·4 | 5·8 |
| December | 3·3 | 2·9 | 2·9 | 2·4 | 2·4 | 2·4 | 2·0 | 1·0 | 2·2 | 4·6 | 7·1 | 9·0 | 9·0 | 8·6 | 7·9 | 7·1 | 6·4 |
| *Year* | 4·9 | 5·0 | 5·0 | 4·8 | 4·8 | 4·6 | 4·4 | 4·5 | 5·3 | 6·6 | 8·0 | 8·6 | 8·8 | 1·9 | 9·5 | 9·7 | 9·9 |

* Hours in this case refer to LMT.
Figures in italic are means of data which are not available for a complete month.

## ocities (m.p.h.) at 15 stations for the year 1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest Maximum. Vel. / Dn. | Highest Maximum. Month. | Highest Maximum. Hour. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9·3 | 8·8 | 8·0 | 7·1 | 5·7 | 4·8 | 4·6 | 6·1 | 19·7 | 0·6 | 29 / ESE | 18 | 17 | January. |
| 10·6 | 10·0 | 9·1 | 7·8 | 5·7 | 5·1 | 4·7 | 7·0 | 20·5 | 0·6 | 30 / NNW | 6 | 19 | February. |
| 10·8 | 9·7 | 7·8 | *6·5 | 5·5 | 5·0 | 4·1 | 6·5 | 21·2 | 0·3 | 33 / NNW | 11 | 15 | March. |
| 9·0 | 8·3 | 6·8 | 5·6 | 5·0 | 5·1 | 4·7 | 5·6 | 19·9 | 0 | 30 / NNW | 9 15 | 13 | April. |
| 7·7 | 6·7 | 5·4 | 4·6 | 4·1 | 4·0 | 3·9 | 5·3 | 16·8 | 0·1 | 24 / WNW | 6 | 14 | May. |
| 9·7 | 8·5 | 9·2 | 9·1 | 9·0 | 8·3 | 8·4 | 8·9 | 24·5 | 0·3 | 55 / WNW | 13 | 17 | June. |
| 10·7 | 10·3 | 10·3 | 9·9 | 9·9 | 9·9 | 9·9 | 10·3 | 28·1 | 1·1 | 41 / W | 20 | 16 | July. |
| *10·9* | *10·6* | *9·3* | *9·2* | *8·9* | *9·7* | *8·5* | *9·9* | *26·3* | *0·8* | 41 / SW | 15 | 6 | August. |
| 10·2 | 10·2 | 9·8 | 8·5 | 7·6 | 7·4 | 7·3 | 9·2 | 23·9 | 0·5 | 57 / SSE | 23 | 18 | September. |
| 9 5 | 8·9 | 7·5 | 6·8 | 6·9 | 6·7 | 5·8 | 6·8 | 20·1 | 0 | 38 / SE | 22 | 15 | October. |
| 10·4 | 10·1 | 9·4 | 8·4 | 7·2 | 6·4 | 6·4 | 8·2 | 22·9 | 0·4 | 79 / WSW | 22 | 9 | November. |
| 9·6 | 10·0 | 9·8 | 9·1 | 7·5 | 6·0 | 5·0 | 7·9 | 17·5 | 0·4 | 24 / NNW | 27 | 17 | December. |
| 9·9 | 9·3 | 8·6 | 7·7 | 6·9 | 6·5 | 6·1 | 7·6 | 21·8 | 0·4 | 79 / WSW | 22 / XI | 9 | *Year.* |
| 5·5 | 6·0 | 4·5 | 3·3 | 2·5 | 2·8 | 2·2 | 3·6 | 9·2 | 0·5 | 18 / ESE | 18 | 17 | January. |
| 7·3 | 8·4 | 6·7 | 5·4 | 4·1 | 3·9 | 4·2 | 5·0 | 10·9 | 0·5 | 18 / W | 4 | 15 | February |
| 9·0 | 9·5 | 8·0 | 6·3 | 4·4 | 3·9 | 3·8 | 4·8 | 12·3 | 0·2 | 20 / WSW | 6 | 18 | March. |
| 12·4 | 10·6 | 9·2 | 8·0 | 6·1 | 4·8 | 4·6 | 6·2 | 14·0 | 0·6 | 20 / W | 1 | 17 | April. |
| 13·6 | 12·4 | 11·2 | 10·2 | 9·1 | 7·7 | 7·4 | 9·5 | 15·2 | 3·8 | 22 / SE | 6 | 21 | May. |
| 11·6 | 9·7 | 8·5 | 7·7 | 7·2 | 6·8 | 6·5 | 7·7 | 14·9 | 2·6 | 23 / SW | 23 | 18 | June. |
| 12·0 | 10·5 | 9·8 | 9·2 | 7·8 | 7·8 | 7·5 | 10·2 | 17·5 | 3·7 | 24 / W | 29 | 04 | July. |
| 13·5 | 12·0 | 9·8 | 9·4 | 9·6 | 9·3 | 8·0 | 11·1 | 18·3 | 4·5 | 26 / WNW | 19 | 14 | August. |
| 11·7 | 9·6 | 8·7 | 7·9 | 6·5 | 6·0 | 6·0 | 8·3 | 13·3 | 2·6 | 24 / SW | 24 | 13 | September. |
| 7·3 | 7·5 | 5·9 | 5·7 | 4·5 | 4·6 | 4·2 | 5·2 | 7·2 | 0·4 | 22 / SE | 22 | 19 | October. |
| 5·2 | 5·7 | 4·3 | 4·1 | 4·3 | 3·6 | 2·8 | 4·8 | 9·9 | 0·6 | 48 / W | 22 | 16 | November. |
| 4·7 | 5·0 | 3 3 | 3·0 | 3·4 | 4·5 | 3·7 | 4·5 | 10·0 | 0·6 | 18 / ESE | 14 | 13 | December. |
| 9·5 | 8·9 | 7·5 | 6·7 | 5·8 | 5·5 | 5·1 | 6·7 | 11·9 | 1·7 | 48 / W | 22 / XI | 16 | *Year.* |

*Hours in this case refer to LMT.
†Figures in italics are means of data which are not available for a complete month.

## Table X.—Mean hourly and extreme win

| Hours (I.S.T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month. | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | HYDERABAD (BAGUMPET) (Ht.—47 ft.). | | | | | |
| January | 2·2 | 2·1 | 2·0 | 1·8 | 1·8 | 1·8 | 1·6 | 2·1 | 4·0 | 5·4 | 6·4 | 6·2 | 5·8 | 5·5 | 5·1 | 4·6 | 4·5 |
| February | 1·9 | 1·4 | 1·6 | 1·3 | 2·3 | 2·3 | 2·6 | 2·6 | 3·7 | 4·1 | 5·0 | 5·3 | 5·0 | 4·9 | 4·4 | 4·4 | 3·7 |
| March | 2·0 | 1·7 | 1·3 | 1·3 | 1·2 | 1·7 | 1·6 | 1·7 | 2·4 | 3·5 | 4·6 | 4·2 | 4·7 | 4·7 | 4·3 | 5·0 | 4·5 |
| April | 1·7 | 1·8 | 1·6 | 1·7 | 2·0 | 2·3 | 3·2 | 2·7 | 3·8 | 4·3 | 4·8 | 4·3 | 3·9 | 3·2 | 2·5 | 4·2 | 3·0 |
| May | 4·7 | 5·1 | 5·0 | 5·7 | 5·6 | 5·2 | 4·8 | 5·9 | 6·4 | 6·6 | 6·5 | 6·2 | 5·5 | 5·0 | 4·1 | 3·9 | 3·9 |
| June | 7·7 | 8·8 | 9·6 | 9·2 | 8·5 | 8·0 | 8·2 | 9·1 | 10·4 | 11·0 | 10·2 | 9·9 | 9·1 | 8·9 | 8·2 | 7·1 | 8·1 |
| July | 8·9 | 9·2 | 8·8 | 9·3 | 8·7 | 9·6 | 9·6 | 10·7 | 11·6 | 11·6 | 10·3 | 11·0 | 11·1 | 10·1 | 10·1 | 9·0 | 9·0 |
| August | 7·1 | 7·5 | 8·1 | 7·4 | 7·9 | 7·8 | 8·5 | 9·3 | 10·1 | 10·9 | 10·6 | 10·5 | 10·8 | 9·9 | 8·9 | 9·1 | 7·9 |
| September | 3·1 | 4·0 | 4·0 | 4·1 | 3·7 | 3·4 | 3·8 | 4·9 | 6·1 | 6·5 | 6·3 | 6.4 | 6.0 | 6·1 | 5·1 | 5·4 | 4·2 |
| October | 0·2 | 0·5 | 0·2 | 0·2 | 0·3 | 0·5 | 0·2 | 1·2 | 1·6 | 1·8 | 2·3 | 3·5 | 3·9 | 3·6 | 3·9 | 3·2 | 2·6 |
| November | 2·7 | 2·3 | 2·2 | 1·8 | 2·3 | 2·1 | 2·5 | 2·9 | 3·6 | 4·1 | 4·5 | 4·5 | 4·9 | 4·3 | 5·2 | 5·8 | 5·5 |
| December | 0·4 | 0·3 | 0·4 | 0·3 | 0·4 | 0·4 | 0·2 | 0·5 | 1·6 | 3·2 | 4·6 | 4·0 | 4·5 | 4·2 | 3·8 | 3·6 | 3·5 |
| *Year* | 3·5 | 3·7 | 3·7 | 3·7 | 3·7 | 3·8 | 3·9 | 4·5 | 5·4 | 6·1 | 6·3 | 6·3 | 6·3 | 5·9 | 5·5 | 5·4 | 5·0 |
| | | | | | | | | | | | | MADRAS (NUNGAMBAKKAM) (Ht.—76 ft.). | | | | | |
| January | 3·2 | 2·8 | 2·7 | 2·6 | 2·5 | 2·4 | 2·5 | 3·8 | 6·5 | 8·3 | 8·5 | 9·2 | 9·3 | 9·3 | 9·1 | 8·7 | 8·2 |
| February | 1·1 | 1·1 | 0·8 | 0·7 | 0·8 | 0·5 | 0·9 | 2·1 | 3·0 | 4·7 | 5·8 | 6·7 | 7·5 | 7·6 | 7·7 | 7·3 | 7·0 |
| March | 1·4 | 1·1 | 0·5 | 0·5 | 0·5 | 0·5 | 0·8 | 3·0 | 5·0 | 5·4 | 6·6 | 7·6 | 8·5 | 8·8 | 8·5 | 8·3 | 7·8 |
| April | 1·5 | 1·0 | 1·4 | 1·4 | 1·2 | 1·0 | 2·0 | 4·6 | 6·2 | 7·5 | 7·8 | 8·9 | 9·4 | 9·8 | 9·6 | 9·1 | 8·6 |
| May | 6·3 | 5·7 | 5·1 | 5·3 | *5·1* | 5·0 | 5·8 | 8·1 | 8·0 | 9·4 | 8·9 | 8·8 | 9·4 | 10·2 | 9·6 | 10·1 | 9·6 |
| June | 6·0 | 6·2 | *5·6* | *5·8* | *5·5* | *5·5* | *6·7* | *8·7* | *10·3* | 11·0 | 11·0 | 10·3 | 9·9 | 9·6 | 9·1 | 8·6 | 8·5 |
| July | 4·5 | 4·1 | 4·3 | 4·7 | 4·2 | 4·0 | 4·3 | 5·8 | 7·3 | 8·9 | 9·2 | 8·8 | 8·3 | 7·3 | 7·0 | 7·5 | 6·6 |
| August | 5·0 | 4·7 | 4·5 | 4·1 | 4·4 | 4·2 | 4·4 | 6·3 | 8·1 | 9·1 | 9·7 | 9·9 | 9·6 | 9·5 | 8·1 | 7·2 | 7·0 |
| September | 4·0 | 4·4 | 4·1 | 4·7 | 4·2 | 3·6 | 3·7 | 5·1 | 7·3 | 7·8 | *8·4* | 8·0 | 7·6 | 7·4 | 6·5 | 6·4 | 5·1 |
| October | 2·4 | 2·5 | 2·5 | 2·5 | 2·6 | 2·6 | 2·9 | 4·2 | 5·2 | 5·8 | 6·4 | 6·8 | 7·2 | 7·3 | 7·3 | 7·0 | 5·3 |
| November | *2·8* | *3·2* | *3·4* | *3·0* | *2·7* | *3·2* | *3·1* | *3·5* | 4·8 | 5·8 | 6·1 | 7·1 | 6·5 | *6·6* | 7·3 | *6·2* | *5·0* |
| December | 3·9 | 3·6 | 3·6 | 4·0 | 3·9 | 3·6 | 3·8 | 5·0 | 7·6 | 10·5 | 11·8 | 12·6 | 12·5 | 12·9 | 12·6 | 12·2 | 11·2 |
| *Year* | 3·5 | 3·4 | 3·2 | 3·3 | 3·1 | 3·0 | 3·4 | 5·0 | 6·6 | 7·9 | 8·5 | 8·7 | 8·8 | 8·9 | 8·5 | 8·2 | 7·5 |

Figures in Italics are means of data which are not available for a complete month.

## ocities (m.p.h.) at 15 stations for the year 1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest Maximum. Vel. / Dn. | Highest Maximum. Date. | Highest Maximum. Hour. | Hours (I.S.T.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Month. |
| 4·4 | 3·3 | 2·6 | 2·1 | 1·7 | 1·7 | 1·8 | 3·4 | 6·4 | 1·6 | 22 / E | 2 | 10 | January. |
| 3·3 | 2·8 | 2·3 | 2·0 | 1·8 | 1·7 | 2·0 | 3·0 | 5·3 | 1·3 | 25 / SE | 3 | 13 | February. |
| 4·4 | 2·8 | 2·3 | 1·7 | 2·0 | 1·6 | 1·5 | 2·8 | 5·0 | 1·2 | 32 / SSW | 30 | 20 | March. |
| 2·5 | 2·6 | 1·6 | 1·3 | 1·3 | 1·3 | 1·0 | 2·6 | 4·8 | 1·0 | 71 / NE | 26 | 04 | April. |
| 3·0 | 2·5 | 2·7 | 1·9 | 2·3 | 1·7 | 3·5 | 4·5 | 6·6 | 1·7 | 36 / S | 27 | 01 | May. |
| 7·3 | 7·0 | 5·5 | 7·0 | 6·4 | 7·3 | 8·6 | 8·4 | 11·0 | 5·5 | 40 / SW | 26 | 01 | June. |
| 7·8 | 6·9 | 6·7 | 6·4 | 7·0 | 8·0 | 7·6 | 9·1 | 11·6 | 6·4 | 46 / WSW | 20 | 13 | July. |
| 6·7 | 4·9 | 5·1 | 5·3 | 5·8 | 6·7 | 7·6 | 8·1 | 10·9 | 4·9 | 42 / W | 19 | 16 | August. |
| 6·0 | 1·3 | 1·5 | 1·7 | 1·0 | 1·1 | 1·7 | 4·1 | 6·5 | 1·0 | 27 / W | 1 | 11 | September |
| 1·7 | 0·8 | 0·6 | 0·2 | 0·5 | 0·4 | 0·2 | 1·5 | 3·9 | 0·2 | 33 / ESE | 18 | 18 | October. |
| 3·7 | 3·0 | 2·9 | 2·9 | 3·2 | 2·7 | 2·3 | 3·4 | 5·8 | 1·8 | 24 / S | 22 | 14 | November. |
| 2·8 | 2·2 | 1·5 | 1·0 | 1·1 | 0·5 | 0·6 | 1·9 | 4·6 | 0·2 | 20 / E | 11 | 16 | December. |
| 4·5 | [illegible] | 2·9 | 2·8 | 2·8 | 2·9 | 3·2 | 4·4 | 6·9 | 2·2 | 71 / NE | 26 / IV | 04 | *Year.* |
| | | | | | | | | | | | | | |
| 6·5 | 6·0 | 5·3 | 4·6 | 4·8 | 4·3 | 3·9 | 5·6 | 23·8 | 1·0 | 32 / NE | 16 | 14 | January. |
| 5·5 | 3·9 | 2·9 | 2·5 | 2·3 | 2·1 | 1·6 | 3·6 | 19·8 | 0·1 | 29 / SSE | 14,15,16 | 17,16,11 | February. |
| 6·4 | 5·2 | 4·8 | 3·9 | 3·3 | 2·7 | 2·1 | 4·3 | 20·8 | 0·1 | 29 / SSE | 13,14,15 | 17,13,12 | March. |
| 7·4 | 5·9 | 4·9 | 4·5 | 4·4 | 3·9 | 2·8 | 4·8 | 25·4 | 0·2 | 46 / NNE | 26 | 10 | April. |
| 8·9 | 7·7 | 7·2 | 6·2 | 5·7 | 6·9 | 7·2 | *7·5* | *27·9* | *2·1* | 38 / SE | 27 | 18 | May. |
| 8·6 | 8·0 | 6·8 | 6·0 | 5·6 | 5·6 | 5·9 | *7·7* | *30·1* | *1·8* | 42 / W | 26 | 14 | June. |
| 5·7 | 6·2 | 6·3 | 6·1 | 6·3 | 5·1 | 4·2 | 6·1 | 27·2 | 1·0 | 40 / WSW | 18 | 19 | July. |
| 5·3 | 5·1 | 4·1 | 4·7 | 4·8 | 4·8 | 4·9 | 6·2 | 25·4 | 1·5 | 37 / SSW | 18 | 17 | August. |
| 5·1 | 3·6 | 3·9 | 3·1 | 3·4 | 3·1 | 3·1 | *5·1* | *22·8* | *1·0* | 34 / WSW | 13 | 24 | September. |
| 4·0 | 3·5 | 2·7 | 2·8 | 2·1 | 2·0 | 2·1 | 4·2 | 18·8 | 1·5 | 29 / ESE | 18 | 19 | October. |
| *3·8* | 3·2 | 3·1 | 3·0 | 2·8 | 2·9 | 3·2 | *4·3* | *20·7* | *0·8* | 41 / ENE | 15 | 13 | November. |
| 9·5 | 7·7 | 6·8 | 6·6 | 5·7 | 5·0 | 4·3 | 7·5 | 27·0 | 1·9 | 33 / ENE | 31 | 12 | December. |
| 6·4 | 5·5 | 4·9 | 4·5 | 4·3 | 4·0 | 3·8 | 5·6 | 24·1 | 1·1 | 46 / NNE | 26 / IV | 10 | *Year.* |

## Table X.—Mean hourly and extreme win

| Hours (I.S.T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Month. | | | | | | | | | | | | | | VIZAGAPATAM (Ht. 57 ft.) | | | |
| January | 0·8 | 0·7 | 0·8 | 0·8 | 0·9 | 1·1 | 1·1 | 1·5 | 2·2 | 3·2 | 4·4 | 5·2 | 5·0 | 5·0 | 4·7 | 4·4 | 3·8 |
| February | 0·5 | 0·5 | 0·7 | 0·6 | 0·6 | 0·6 | 0·9 | 1·1 | 1·5 | 2·8 | 4·2 | 4·9 | 5·7 | 5·8 | 5·1 | 4·4 | 3·9 |
| March | 0·7 | 0·6 | 0·5 | 0·7 | 0·8 | 0·5 | 0·4 | 0·9 | 1·6 | 3·0 | 4·8 | 5·5 | 5·9 | 5·9 | 5·7 | 5·3 | 4· |
| April | 2·4 | 2·3 | 2·5 | 2·5 | 2·3 | 2·2 | 2·7 | 3·6 | 3·8 | 5·3 | 6·5 | 7·4 | 7·9 | 7·6 | 7·4 | 5·6 | 4· |
| May | *2·4* | *2·6* | *2·4* | *2·5* | *2·9* | *3·0* | *3·8* | *4·7* | *5·4* | 5·5 | 7·2 | 7·9 | 7·7 | 7·3 | 6·8 | 6·2 | 4· |
| June | 3·0 | 3·5 | 3·9 | 3·9 | 2·9 | 3·2 | 2·9 | 3·4 | 3·9 | 4·7 | 5·7 | 6·2 | 6·5 | 6·4 | 6·8 | *5·3* | 4· |
| July | 3·4 | 2·8 | 3·6 | 3·6 | 3·4 | 3·0 | 3·7 | 4·3 | 4·4 | *4·6* | 5·5 | *6·1* | *6·2* | 6·1 | *6·0* | 6·2 | 5· |
| August | *2·3* | *2·6* | *3·2* | *2·3* | *2·4* | *2·5* | *2·5* | *3·2* | *3·6* | *4·4* | *6·3* | *7·0* | *6·3* | *6·8* | *6·7* | *5·8* | 4· |
| September | 1·8 | 1·4 | 1·7 | 1·0 | 1·5 | 1·6 | 2·3 | 3·1 | 3·5 | 3·7 | 4·2 | 5·1 | 5·9 | 6·2 | 5·4 | 4·8 | 3· |
| October | .. | .. | *0·8* | *0·9* | .. | .. | *1·1* | *1·4* | *1·7* | *2·7* | 3·5 | 4·0 | 4·2 | *4·5* | 3·8 | 3·0 | 2· |
| November | 1·3 | 1·5 | 1·5 | 1·7 | 1·6 | 1·8 | 1·7 | 1·9 | 2·6 | 3·2 | 4·0 | 4·1 | 4·0 | 3·8 | 3·6 | 3·0 | 2 |
| December | 0·4 | 0·5 | 0·8 | 0·9 | 1·0 | 1·4 | 1·1 | 1·8 | 2·6 | 3·2 | 3·9 | 4·8 | 4·5 | 4·6 | 4·3 | 3·7 | 2 |
| *Year* | .. | .. | 1·9 | 1·8 | .. | .. | 2·0 | 2·6 | 3·1 | 3·9 | 5·0 | 5·7 | 5·8 | 5·8 | 5·5 | 4·8 | 3 |
| | | | | | | | | | | | | | | KODAIKANAL (Ht.-49 ft.) | | | |
| January | *7·1* | *7·1* | *7·2* | *7·0* | *7·0* | *6·8* | *7·2* | *7·1* | *7·9* | *7·6* | *8·0* | *7·4* | *7·0* | *6·4* | *5·0* | *4·7* | 5 |
| February | *4·4* | *5·2* | *5·0* | *4·6* | *4·8* | *4·7* | *4·7* | *5·3* | *4·7* | *5·2* | *5·4* | *5·2* | *5·3* | *4·4* | *4·0* | 3·5 | 3 |
| March | *5·0* | *5·2* | *4·2* | *3·5* | *4·2* | *4·1* | *4·7* | *7·1* | *6·9* | *6·7* | *6·8* | 6·7 | 5·6 | 5·2 | 5·5 | 4·1 | 3 |
| April | *6·2* | *7·0* | *6·4* | *7·0* | *6·4* | *7·5* | *7·5* | *7·4* | *8·0* | *9·0* | 8·7 | 7·8 | 6·7 | 6·6 | 5·2 | 5·3 | 5 |
| May | *7·7* | *8·5* | *7·8* | *8·8* | *7·0* | *6·0* | *6·0* | *5·0* | *5·3* | *5·5* | 6·2 | 5·9 | 6·0 | 6·4 | 6·4 | 6·1 | 5 |
| June | 10·1 | 10·9 | 7·0 | 9·4 | *9·8* | *10·5* | *10·0* | *10·1* | *9·0* | *8·9* | 9·9 | *9·7* | 10·0 | 9·3 | 10·5 | 9·5 | 10 |
| July | 13·7 | 12·9 | 13·1 | *13·0* | *12·3* | *12·9* | *11·9* | *10·7* | *10·8* | *10·3* | *8·8* | *9·2* | 9·0 | 9·1 | 8·9 | 8·9 | 9 |
| August | 12·8 | 12·5 | 12·4 | *13·8* | *12·8* | *12·8* | *11·4* | *10·7* | *12·0* | *10·8* | *9·5* | *9·3* | 8·8 | 8·8 | 8·6 | 9·2 | 9 |
| September | *9·0* | *9·1* | *9·3* | *9·5* | *9·9* | *8·7* | *9·1* | *8·7* | *8·8* | *8·3* | *8·0* | 7·6 | 6·9 | 7·2 | 6·6 | 6·5 | 6 |
| October | *5·6* | *5·7* | *5·8* | *6·1* | *5·6* | *5·6* | *5·5* | *5·5* | *6·1* | 6·4 | *6·0* | 5·3 | 5·0 | 5·0 | 4·6 | 4·7 | |
| November | *6·1* | *6·0* | *6·8* | *7·3* | *7·7* | *6·9* | *6·9* | 7·4 | 8·0 | 7·7 | 7·6 | 6·7 | 5·8 | 5·6 | 5·6 | 5·0 | |
| December | 9·1 | 9·2 | 8·8 | 9·0 | 8·8 | 9·0 | 9·1 | 9·1 | 9·4 | 8·6 | 8·9 | 8·8 | 8·4 | 8·3 | 8·2 | 7·1 | |
| *Year* | 8·1 | 8·3 | 7·8 | 8·3 | 8·0 | 8·0 | 7·8 | 7·8 | 8·1 | 7·9 | 7·8 | 7·5 | 7·0 | 6·9 | 6·6 | 6·2 | |

" Figures in italics are means of data which are not available for a complete month."

velocities (m.p.h.) at 15 stations for the year 1948.

| 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Highest Maximum. Vel. / Dn. | Highest Maximum. Date. | Highest Maximum. Hour. | Hours (I.S.T.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | Month. |
| 2·6 | 2·4 | 2·0 | 1·5 | 1·1 | 1·1 | 1·0 | 2·4 | 14·4 | 0·8 | 23 / NE | 1 | 11 | January. |
| 2·2 | 1·8 | 1·6 | 1·3 | 1·0 | 0·7 | 0·5 | 2·2 | 16·7 | 0 | 24 / S, SSW | 4,24 | 14 | February. |
| 2·7 | 1·2 | 1·1 | 0·9 | 0·7 | 1·0 | 0·9 | 1·9 | 17·3 | 0·2 | 31 / SW | 20 | 16 | March. |
| 3·3 | 3·0 | 3·0 | 2·4 | 2·3 | 2·6 | 2·8 | 4·0 | 24·0 | 0·6 | 50 / NE | 25 | 21 | April. |
| 3·9 | 3·5 | 4·2 | 2·8 | 3·0 | 3·0 | 2·8 | 4·4 | 24·9 | 0·9 | 51 / N | 4 | 20 | May. |
| 3·9 | 3·9 | 3·5 | 3·4 | 2·9 | 2·7 | 2·5 | 4·2 | 24·1 | 0·6 | 37 / SW | 11,26 | 16, | June. |
| 3·9 | 3·2 | 3·5 | 2·9 | 2·8 | 2·9 | 3·1 | 4·2 | 22·7 | 0·6 | 34 / WSW | 20 | 12 | July. |
| 4·9 | 3·6 | 3·9 | 2·6 | 3·4 | 2·5 | 3·6 | 4·0 | 19·7 | 0·7 | 36 / WNW | 5 | 18 | August. |
| 3·2 | 1·7 | 1·6 | 1·5 | 1·5 | 1·8 | 1·6 | 2·9 | 20·0 | 0·8 | 35 / WSW | 2 | 17 | September. |
| 2·1 | 1·8 | 1·5 | 1·3 | 1·1 | 0·8 | .. | .. | 12·7 | .. | 27 / ENE | 31 | 14 | October. |
| 2·3 | 2·0 | 2·0 | 1·7 | 1·6 | 1·6 | 1·4 | 2·4 | 14·3 | 0·4 | 34 / NE | 1 | 17 | November. |
| 2·0 | 1·9 | 1·4 | 1·1 | 0·7 | 0·4 | 0·3 | 1·7 | 14·1 | 0·2 | 24 / ENE | 19 | 2 | December. |
| 3·1 | 2·5 | 2·4 | 1·9 | 1·8 | 1·8 | .. | .. | 18·7 | .. | 51 / N | 4 / V | 20 | Year. |
| 4·7 | 5·0 | 4·8 | 5·6 | 6·0 | 6·8 | 7·3 | 6·4 | 16·8 | 2·6 | 49 / SE | 17 | 20 | January. |
| 2·3 | 3·0 | 3·0 | 3·2 | 3·4 | 4·0 | 4·7 | 4·3 | 18·2 | 1·1 | 31 / E | 20 | 11 | February. |
| 2·7 | 2·1 | 3·8 | 3·5 | 4·1 | 4·5 | 4·9 | 4·8 | 18·1 | 1·0 | 34 / NE | 20 | 13 | March. |
| 3·8 | 4·9 | 5·5 | 5·8 | 5·4 | 6·0 | 6·7 | 6·5 | 20·1 | 1·6 | 35 / N | 26 | 17 | April. |
| 6·0 | 6·7 | 6·2 | 6·0 | 6·0 | 5·6 | 5·7 | 6·3 | 19·5 | 1·2 | 47 / E | 4 | 19 | May. |
| 10·4 | 10·3 | 10·4 | 9·6 | 9·8 | 10·8 | 11·5 | 9·1 | 31·4 | 4·5 | 49 / WSW, WNW | 11, 13 | 25,05 | June. |
| 11·6 | 11·6 | 11·4 | 12·8 | 13·0 | 12·7 | 13·0 | 11·3 | 31·3 | 5·2 | 48 / WNW | 16 | 15 | July. |
| 10·7 | 11·9 | 13·1 | 12·1 | 12·2 | 12·3 | 12·7 | 11·3 | 23·0 | 5·7 | 37 / W | 13 | 5 | August. |
| 6·7 | 6·9 | 7·5 | 8·1 | 8·3 | 8·9 | 9·3 | 8·3 | 20·8 | 2·4 | 36 / NW | 21 | 11 | September. |
| 4·6 | 4·7 | 5·3 | 5·4 | 5·3 | 4·9 | 4·9 | 5·3 | 12·7 | 1·6 | 24 / NE | 25 | 12 | October. |
| 5·2 | 5·6 | 6·2 | 6·7 | 6·6 | 6·0 | 6·0 | 6·4 | 18·2 | 1·7 | 51 / SE | 17 | 5 | November. |
| 7·1 | 7·8 | 8·0 | 8·3 | 8·3 | 8·3 | 8·4 | 8·5 | 18·2 | 3·8 | 29 / ESE | 28 | 20 | December. |
| 6·3 | 6·7 | 7·1 | 7·3 | 7·4 | 7·6 | 7·9 | 7·4 | 20·7 | 2·7 | 51 / SE | 17 / XI | 5 | Year. |

# Table X-A.—Frequencies of the number of hours when wind speed was within specified limits at 15 stations for the Year 1948.

| Month | No record | 0-1 Calm | 1-1-3 | 3-1-11 | 11-1-27 | 27-1-33 | >33 |
|---|---|---|---|---|---|---|---|
| **DUMDUM** | | | | | | | |
| January | .. | 309 | 188 | 241 | 6 | .. | .. |
| February | .. | 252 | 126 | 300 | 18 | .. | .. |
| March | .. | 132 | 201 | 355 | 55 | 1 | .. |
| April | 10 | 24 | 32 | 330 | 321 | 2 | 1 |
| May | 9 | 22 | 52 | 227 | 430 | 3 | 1 |
| June | 8 | 38 | 78 | 377 | 218 | 1 | .. |
| July | .. | 28 | 93 | 508 | 115 | .. | .. |
| August | .. | 113 | 156 | 413 | 62 | .. | .. |
| September | .. | 176 | 185 | 331 | 28 | .. | .. |
| October | .. | 435 | 179 | 127 | 3 | .. | .. |
| November | .. | 286 | 228 | 203 | 3 | .. | .. |
| December | .. | 87 | 312 | 333 | 12 | .. | .. |
| *Year* | 27 | 1,902 | 1,830 | 3,745 | 1,271 | 7 | 2 |
| **CALCUTTA** | | | | | | | |
| January | 1 | 365 | 91 | 287 | .. | .. | .. |
| February | 1 | 213 | 97 | 383 | 2 | .. | .. |
| March | 1 | 134 | 65 | 510 | 33 | 1 | .. |
| April | 3 | 21 | 20 | 522 | 154 | .. | .. |
| May | 2 | 44 | 52 | 345 | 301 | .. | .. |
| June | .. | 78 | 16 | 412 | 214 | .. | .. |
| July | 8 | 97 | 15 | 517 | 107 | .. | .. |
| August | 31 | 172 | 57 | 418 | 66 | .. | .. |
| September | 50 | 167 | 64 | 408 | 31 | .. | .. |
| October | 10 | 350 | 87 | 293 | 4 | .. | .. |
| November | 9 | 276 | 76 | 358 | 1 | .. | .. |
| December | 11 | 324 | 52 | 356 | 1 | .. | .. |
| *Year* | 127 | 2,241 | 692 | 4,809 | 914 | 1 | .. |
| **GOPALPUR** | | | | | | | |
| January | 3 | 37 | 203 | 490 | 11 | .. | .. |
| February | 17 | 30 | 199 | 349 | 101 | .. | .. |
| March | 38 | 23 | 146 | 330 | 204 | 3 | .. |
| April | 51 | 5 | 33 | 145 | 485 | 1 | .. |
| May | 1 | 1 | 20 | 143 | 571 | 8 | .. |
| June | 49 | 22 | 62 | 279 | 308 | .. | .. |
| July* | .. | .. | .. | .. | .. | .. | .. |
| August* | .. | .. | .. | .. | .. | .. | .. |
| September* | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR** | | | | | | | |
| January | .. | 318 | 329 | 97 | .. | .. | .. |
| February | 19 | 162 | 333 | 175 | 7 | .. | .. |
| March | 1 | 251 | 241 | 231 | 19 | 1 | .. |
| April | .. | 288 | 219 | 184 | 28 | 1 | .. |
| May | 23 | 155 | 237 | 288 | 41 | .. | .. |
| June | 11 | 209 | 247 | 234 | 19 | .. | .. |
| July | 15 | 274 | 280 | 172 | 3 | .. | .. |
| August | 8 | 218 | 259 | 233 | 26 | .. | .. |
| September | 21 | 165 | 289 | 239 | 6 | .. | .. |
| October | 2 | 321 | 293 | 127 | 1 | .. | .. |
| November | .. | 258 | 312 | 150 | .. | .. | .. |
| December | 52 | 256 | 327 | 109 | .. | .. | .. |
| *Year* | 152 | 2,875 | 3,366 | 2,239 | 150 | 2 | .. |

* Data not available

| Month | No record | 0-1 Calm | 1-1-3 | 3-1-11 | 11-1-27 | 27-1-33 | >33 |
|---|---|---|---|---|---|---|---|
| **GAYA** | | | | | | | |
| January | 24 | 414 | 117 | 180 | 9 | .. | .. |
| February | .. | 403 | 98 | 146 | 49 | .. | .. |
| March | .. | 345 | 104 | 220 | 75 | .. | .. |
| April | 12 | 245 | 51 | 207 | 187 | 15 | [illegible] |
| May | .. | 115 | 27 | 256 | 331 | 11 | [illegible] |
| June | .. | 114 | 34 | 261 | 281 | 23 | [illegible] |
| July | 45 | 189 | 29 | 359 | 120 | 2 | .. |
| August | 5 | 95 | 62 | 403 | 178 | 1 | .. |
| September | .. | 138 | 159 | 362 | 61 | .. | .. |
| October | 52 | 319 | 207 | 159 | 7 | .. | .. |
| November | 5 | 421 | 160 | 128 | 6 | .. | .. |
| December | .. | 394 | 213 | 129 | 8 | .. | .. |
| *Year* | 143 | 3,192 | 1,261 | 2,810 | 1,312 | 52 | 1 |
| **ALLAHABAD (BAMRAULI)** | | | | | | | |
| January | .. | 61 | 368 | 304 | 11 | .. | .. |
| February | 5 | 57 | 286 | 311 | 37 | .. | .. |
| March | 28 | 103 | 262 | 318 | 33 | .. | .. |
| April | 83 | 65 | 208 | 273 | 91 | .. | .. |
| May | 21 | 161 | 210 | 262 | 90 | .. | .. |
| June | 23 | 94 | 185 | 304 | 114 | .. | .. |
| July | .. | 141 | 227 | 350 | 26 | .. | .. |
| August | 5 | 173 | 260 | 290 | 16 | .. | .. |
| September | 9 | 233 | 275 | 200 | 3 | .. | .. |
| October | 144 | 252 | 273 | 73 | 2 | .. | .. |
| November | 229 | 182 | 234 | 74 | 1 | .. | .. |
| December | .. | 333 | 293 | 117 | 1 | .. | .. |
| *Year* | 547 | 1,855 | 3,081 | 2,876 | 425 | .. | .. |
| **NEW DELHI** | | | | | | | |
| January | 26 | 35 | 211 | 423 | 49 | .. | .. |
| February | 6 | 80 | 189 | 331 | 90 | .. | .. |
| March | 59 | 25 | 119 | 413 | 108 | .. | .. |
| April | 18 | 60 | 113 | 352 | 177 | .. | .. |
| May | 62 | 79 | 118 | 284 | 198 | 1 | |
| June | 150 | 32 | 66 | 308 | 207 | 6 | |
| July | 3 | 3 | 22 | 545 | 168 | 3 | .. |
| August | .. | 59 | 143 | 479 | 63 | .. | .. |
| September | 4 | 180 | 146 | 348 | 42 | .. | .. |
| October | .. | 171 | 181 | 351 | 40 | .. | |
| November | .. | 70 | 301 | 338 | 11 | .. | .. |
| December | . | 80 | 319 | 322 | 23 | .. | .. |
| *Year* | 278 | 894 | 1,928 | 4,494 | 1,176 | 10 | |
| **SODHPUR** | | | | | | | |
| January | .. | 18 | 107 | 563 | 56 | .. | .. |
| February | 1 | 26 | 214 | 434 | 21 | .. | .. |
| March | 11 | 85 | 133 | 491 | 24 | .. | .. |
| April | 2 | 305 | 171 | 220 | 22 | .. | .. |
| May | 18 | 200 | 90 | 341 | 95 | .. | .. |
| June | 1 | 307 | 27 | 260 | 65 | .. | .. |
| July* | .. | .. | .. | .. | . | .. | .. |
| August* | . | .. | .. | . | .. | .. | .. |
| September* | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | . |
| December* | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. |

* Data not available

# Table X-A.—Frequencies of the number of hours when wind speed was within specified limits at 15 stations for the Year 1948.

| Month | No record | 0-1 Calm | 1-1-3 | 3-1-11 | 11-1-27 | 27-1-33 | >33 |
|---|---|---|---|---|---|---|---|
| **BARODA** | | | | | | | |
| nuary | 2 | 86 | 276 | 377 | 3 | .. | .. |
| bruary | 2 | 165 | 327 | 202 | .. | .. | .. |
| rch | 137 | 221 | 171 | 215 | .. | .. | .. |
| ril | .. | 126 | 213 | 379 | 2 | .. | .. |
| y | .. | 24 | 123 | 529 | 68 | .. | .. |
| ne | 1 | 113 | 129 | 423 | 51 | .. | .. |
| ly | 8 | 70 | 139 | 444 | 73 | .. | .. |
| gust | 14 | 115 | 199 | 403 | 13 | .. | .. |
| ptember | 2 | 206 | 247 | 261 | 4 | .. | .. |
| tober | 1 | 436 | 225 | 80 | 2 | .. | .. |
| vember | .. | 284 | 254 | 182 | .. | .. | .. |
| cember | 136 | 318 | 228 | 62 | .. | .. | .. |
| ar | 313 | 2,167 | 2,531 | 3,557 | 216 | .. | .. |
| **BOMBAY** | | | | | | | |
| nuary | 1 | 2 | 191 | 491 | 59 | .. | .. |
| bruary | .. | 8 | 120 | 459 | 109 | .. | .. |
| rch | .. | 23 | 230 | 365 | 126 | .. | .. |
| ril | 5 | 45 | 252 | 345 | 73 | .. | .. |
| ay | .. | 13 | 220 | 496 | 15 | .. | .. |
| ne | 2 | 1 | 52 | 511 | 148 | 2 | 4 |
| ly | 1 | .. | 26 | 420 | 297 | .. | .. |
| gust | 211 | .. | 39 | 270 | 224 | .. | .. |
| ptember | 2 | 4 | 58 | 497 | 141 | 9 | 9 |
| ctober | 2 | 13 | 104 | 533 | 92 | .. | .. |
| ovember | 2 | 12 | 150 | 427 | 105 | 5 | 19 |
| ecember | 2 | 2 | 49 | 597 | 94 | .. | .. |
| ear | 228 | 123 | 1,491 | 5,411 | 1,483 | 16 | 32 |
| **POONA** | | | | | | | |
| nuary | .. | 74 | 357 | 304 | 9 | .. | .. |
| ebruary | .. | 33 | 211 | 414 | 38 | .. | .. |
| arch | .. | 90 | 203 | 408 | 43 | .. | .. |
| pril | 4 | 69 | 114 | 445 | 88 | .. | .. |
| ay | 5 | .. | 34 | 466 | 239 | .. | .. |
| une | 20 | 13 | 103 | 459 | 125 | .. | .. |
| uly | .. | 1 | 31 | 400 | 312 | .. | .. |
| ugust | 47 | 8 | 3 | 357 | 329 | .. | .. |
| eptember | 62 | 41 | 37 | 399 | 181 | .. | .. |
| ctober | 35 | 90 | 133 | 455 | 31 | .. | .. |
| ovember | 1 | 54 | 236 | 394 | 35 | .. | .. |
| ecember | 13 | 167 | 140 | 385 | 30 | .. | .. |
| ear | 187 | 640 | 1,602 | 4,886 | 1,469 | .. | .. |
| **HYDERABAD (BEGUMPET)** | | | | | | | |
| nuary | .. | 134 | 267 | 343 | .. | .. | .. |
| ebruary | .. | 181 | 233 | 278 | 4 | .. | .. |
| arch | .. | 226 | 257 | 257 | 4 | .. | .. |
| pril | .. | 261 | 248 | 202 | 9 | .. | .. |
| ay | .. | 199 | 138 | 360 | 47 | .. | .. |
| une | .. | 33 | 70 | 453 | 164 | .. | .. |
| uly | 206 | 31 | 32 | 328 | 147 | .. | .. |
| ugust | .. | 163 | 39 | 320 | 222 | .. | .. |
| eptember | 5 | 173 | 167 | 363 | 12 | .. | .. |
| ctober | .. | 417 | 200 | 127 | .. | .. | .. |
| ovember | .. | 187 | 162 | 370 | 1 | .. | .. |
| ecember | .. | 360 | 207 | 177 | .. | .. | .. |
| ear | 211 | 2,365 | 2,020 | 3,578 | 610 | .. | .. |

| Month | No record | 0-1 Calm | 1-1-3 | 3-1-11 | 11-1-27 | 27-1-33 | >33 |
|---|---|---|---|---|---|---|---|
| **MADRAS (Nungambakkam)** | | | | | | | |
| January | .. | 54 | 171 | 484 | 35 | .. | .. |
| February | 11 | 148 | 221 | 314 | 2 | .. | .. |
| March | .. | 154 | 190 | 391 | 9 | .. | .. |
| April | .. | 83 | 191 | 420 | 26 | .. | .. |
| May | 5 | 16 | 77 | 529 | 117 | .. | .. |
| June | 12 | 17 | 81 | 477 | 133 | .. | .. |
| July | .. | 28 | 139 | 533 | 44 | .. | .. |
| August | 1 | 35 | 154 | 493 | 61 | .. | .. |
| September | 1 | 15 | 232 | 446 | 26 | .. | .. |
| October | .. | 111 | 207 | 418 | 8 | .. | .. |
| November | 16 | 117 | 147 | 427 | 13 | .. | .. |
| December | .. | 15 | 121 | 433 | 175 | .. | .. |
| *Year* | 46 | 793 | 1,931 | 5,365 | 649 | | .. |
| **VIZAGAPATAM** | | | | | | | |
| January | .. | 229 | 283 | 232 | .. | .. | .. |
| February | .. | 256 | 256 | 184 | .. | .. | .. |
| March | .. | 259 | 269 | 215 | 1 | .. | .. |
| April | 5 | 85 | 259 | 370 | 1 | .. | .. |
| May | 23 | 59 | 228 | 431 | 3 | .. | .. |
| June | 1 | 52 | 289 | 366 | 12 | .. | .. |
| July | 4 | 97 | 240 | 384 | 19 | .. | .. |
| August | 155 | 40 | 242 | 292 | 15 | .. | .. |
| September | 161 | 106 | 264 | 180 | 9 | .. | .. |
| October | 213 | 103 | 296 | 132 | .. | .. | .. |
| November | .. | 268 | 255 | 195 | 2 | .. | .. |
| December | .. | 225 | 341 | 178 | .. | .. | .. |
| *Year* | 562 | 1,779 | 3,222 | 3,159 | 62 | .. | .. |
| **KODAIKANAL** | | | | | | | |
| January | 41 | 7 | 151 | 486 | 59 | .. | .. |
| February | 40 | 48 | 282 | 306 | 29 | .. | .. |
| March | 90 | 45 | 261 | 327 | 21 | .. | .. |
| April | 68 | 4 | 127 | 479 | 42 | .. | .. |
| May | 59 | 30 | 106 | 517 | 32 | .. | .. |
| June | 19 | 36 | 59 | 301 | 304 | 1 | .. |
| July | 27 | 28 | 70 | 247 | 369 | 3 | .. |
| August | 44 | 12 | 43 | 266 | 379 | .. | .. |
| September | 32 | 22 | 120 | 373 | 173 | .. | .. |
| October | 31 | 35 | 256 | 364 | 58 | .. | .. |
| November | 13 | 49 | 182 | 284 | 189 | 3 | .. |
| December | .. | 3 | 54 | 556 | 131 | .. | .. |
| *Year* | 464 | 319 | 1,711 | 4,506 | 1,777 | 7 | .. |

## Table X-B.—Squalls at 11 stations (first class observatories) for the year 1948.

| Date | Time (I.S.T.) | Duration (Mts.) | Speed (m.p.h.) | Maximum speed in gust (m.p.h.) | Direction change | | Temperature Change °F | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dry Bulb | | Wet Bulb | |
| | | | | | From | To | Before | After | Before | After |
| | | | | | CALCUTTA | | | | | |
| 3rd February | 22 53 | 25 | 18 | 39 | NW | .. | 71·5 | 70·5 | 67·2 | 67·2 |
| 13th March | 20 14 | 33 | 16 | 37 | NNE | N | 84·5 | 70·8 | 74·6 | 69·7 |
| 14th March | 15 43 | 30 | 32 | 65 | NE | .. | 83·0 | 67·7 | 71·0 | 67·7 |
| 23rd March | 22 00 | 120 | 22 | 55 | W | WNW | 80·0 | 74·7 | 70·8 | 68·3 |
| 29th March | 18 52 | 50 | 23 | 48 | NNW | W | 84·3 | 70·2 | 81·4 | 69·3 |
| 18th April | 17 04 | 9 | 20 | 45 | N | .. | 86·5 | 81·5 | 79·7 | 73·2 |
| 25th April | 17 02 | 15 | 20 | 46 | E | .. | 88·4 | 73·9 | 80·2 | 73·9 |
| 1st May | 17 27 | 60 | 28 | 57 | NW | .. | 83·7 | 76·0 | 78·5 | 70·4 |
| 6th May | 11 57 | 26 | 14 | 32 | SE | .. | 92·2 | 79·0 | .. | .. |
| 7th May | 16 02 | 60 | 16 | 42 | E | .. | 90·0 | 76·2 | 82·0 | 75·5 |
| 26th May | 19 42 | 11 | 26 | 57 | SW | NW | 86·9 | 77·3 | 83·7 | 75·8 |
| 27th May | 18 10 | 27 | 26 | 50 | NWN | .. | 89·5 | 79·0 | 83·5 | 76·5 |
| 5th June | 17 20 | 30 | 25 | 54 | SW-W | NW | 92·0 | 75·5 | 83·0 | 75·5 |
| 13th June | 16 42 | 4 | 15 | 28 | ENE | E | 92·2 | 91·2 | 83·1 | 82·6 |
| 18th June | 19 14 | 11 | 16 | 30 | N | NW | 88·0 | 78·1 | 81·8 | 77·8 |
| 17th June | 14 27 | 20 | 16 | 37 | W | .. | 77·5 | 76·5 | 76·5 | 75·5 |
| 17th June | 15 20 | 17 | 17 | 36 | WSW | .. | 76·6 | 76·3 | 76·2 | 75·4 |
| 18th June | 21 24 | 9 | 14 | 29 | NW | ... | 82·5 | 79·3 | 79·7 | 77·0 |
| 4th July | 12 55 | 15 | 19 | 33 | W | NNW | 94·6 | 80·6 | 77·0 | 76·0 |
| 6th August | 00 30 | 12 | 18 | 34 | W | WNW | 82·0 | 78·0 | 80·0 | 78·2 |
| 9th October | 10 47 | 5 | 22 | 47 | S | .. | 82·8 | 74·7 | .. | .. |
| | | | | | ALLAHABAD (BAMRAULI) | | | | | |
| 2nd January | 21 05 | 12 | 12 | 31 | E | NW | 61·5 | 63·6 | 49·0 | 49·0 |
| 10th May | 16 05 | 10 | 20 | 45 | NNW | WNW | 104·2 | 98·5 | 71·9 | 70·3 |
| 22nd May | 16 20 | 2 | 4 | 36 | W | NNE | 105·1 | 98·5 | 76·2 | 73·4 |
| 22nd May | 17 35 | 8 | 20 | 41 | WNW | N | 96·3 | 90·3 | 74·4 | 71·8 |
| 3rd July | 00 10 | 5 | 20 | 40 | E | NNE | 86·8 | 77·5 | 72·3 | 69·8 |
| | | | | | NEW DELHI | | | | | |
| 2nd January | 14 10 | 2 | 21 | 42 | ENE | .. | 55·8 | 55·0 | 47·0 | 47·0 |
| 3rd April | 06 50 | 5 | 25 | 46 | SE | NNW | 73·0 | 73·0 | 65·6 | 65·6 |
| 7th May | 21 05 | 45 | 24 | 47 | N | NE | 93·0 | 85·2 | 70·7 | 70·7 |
| 9th May | 02 30 | 20 | 32 | 48 | NNE | NNW | 104·6 | 91·6 | 73·7 | 73·7 |
| 9th May | 03 15 | 5 | 40 | 49 | NNW | SW | 91·6 | 85·1 | 72·8 | 71·6 |
| 11th May | 04 50 | 15 | 20 | 28 | W | NE | 80·5 | 82·0 | 65·4 | 65·4 |
| 25th May | 17 50 | 30 | 40 | 61 | NNW | NNE | .. | .. | 76·5 | 72·5 |
| 26th May | 17 10 | 10 | 30 | 60 | SW | WNW | 106·3 | 87·8 | 73·3 | 70·1 |
| 30th May | 20 10 | 5 | 18 | 32 | E | N | 96·0 | 96·0 | 63·5 | 64·5 |
| 1st June | 16 25 | 5 | 40 | 63 | NNW | .. | 94·0 | 90·0 | 64·0 | 66·0 |
| 2nd June | 15 50 | 1 | 17 | 44 | W | N | 112·0 | 112·0 | 65·0 | 65·0 |
| 4th June | 18 10 | 5 | 30 | 49 | NE | N | 95·0 | 83·0 | 76·0 | 74·0 |
| 5th June | 00 45 | 10 | 30 | 47 | NNW | NNE | 94·0 | 94·5 | 73·5 | 73·5 |
| 5th June | 20 25 | 20 | 35 | 47 | NW | SW | 79·0 | 82·5 | 73·0 | 72·5 |
| 10th June | 16 50 | 15 | 28 | 43 | NW | SW | 101·0 | 100·5 | 72·5 | 72·5 |
| 20th June | 15 00 | 20 | 30 | 48 | SE | NNW | 98·0 | 86·0 | 75·0 | 72·5 |
| 7th July | 20 00 | 10 | 27 | 40 | NNE | NW | .. | .. | .. | .. |
| 9th July | 17 00 | 10 | 27 | 50 | ENE | WNW | 100·0 | 81·5 | .. | .. |
| 15th July | 16 00 | 5 | 36 | 50 | NNW | WSW | .. | .. | .. | .. |
| 2nd October | 17 25 | 25 | 28 | 49 | NW | WNW | 87·6 | 81·7 | 71·3 | 69·7 |
| 7th October | 14 55 | 20 | 18 | 28 | ENE | .. | 89·0 | 82·5 | 77·8 | 76·8 |
| 9th October | 15 15 | 30 | 17 | 34 | SW | NNE | 94·4 | 81·4 | 78·0 | 76·4 |
| 9th October | 21 10 | 10 | 6 | 32 | ESE | N | 74·4 | 75·6 | 71·0 | 71·0 |
| 14th October | 15 45 | 15 | 22 | 30 | NNE | WNW | 84·9 | 80·0 | 73·5 | 71·7 |
| 30th October | 17 45 | 30 | 35 | 40 | SE | W | 81·3 | 78·6 | 69·0 | 66·0 |

# Table X-B.—Squalls at 11 stations (first class observatories) for the year 1948.

| Date | Time (I.S.T.) | Duration (Mts.) | Speed (m.p.h.) | Maximum speed in gust (m.p.h.) | Direction change From | Direction change To | Temperature Change °F Dry Bulb Before | Dry Bulb After | Wet Bulb Before | Wet Bulb After |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | JODHPUR | | | | | |
| th February | 17 46 | 3 | 1 | 25 | NE | WNW | 78·1 | 75·4 | .. | .. |
| th April | 20 12 | 2 | 0 | 23 | N | SW | 97·0 | 94·6 | .. | .. |
| th June | 16 10 | 7 | 10 | 25 | SSE | S | 107·0 | 103·6 | .. | .. |
| th June | 01 12 | 20 | 20 | 40 | SW | .. | 84·5 | 82·5 | .. | .. |
| th June | 03 35 | 20 | 4 | 30 | NE | SE | 84·5 | 76·5 | .. | .. |
| th June | 04 58 | 7 | 5 | 24 | NNW | .. | 95·7 | 94·3 | .. | .. |
| th June | 20 15 | 7 | 6 | 26 | NNE | .. | 95·0 | 93·7 | .. | .. |
| | | | | | BARODA | | | | | |
| .. .. .. .. | .. | .. | .. | .. | *nil.* | .. | .. | .. | .. | .. |
| | | | | | *BOMBAY | | | | | |
| th July | 00 00 | 3 | 9 | 35 | SW | WSW | 81·7 | 79·6 | 78·2 | 75·4 |
| th July | 11 20 | 2 | 14 | 35 | WSW | WNW | 82·2 | 79·6 | 78·7 | 76·3 |
| th July | 11 08 | 1 | 12 | 37 | W | WNW | 82·6 | 80·2 | 79·4 | 75·7 |
| th July | 03 10 | 1 | 10 | 38 | SW | WSW | 79·5 | 77·0 | 77·8 | 74·7 |
| th October | 17 30 | 2 | 5 | 25 | ENE | SE | 85·2 | 83·2 | 79·8 | 74·9 |
| | | | | | POONA | | | | | |
| h May | 20 40 | 20 | 21 | 38 | WNW | SE | 88·7 | 78·4 | 75·1 | 70·7 |
| h June | 16 57 | 3 | 31 | 45 | .. | .. | 81·8 | 74·8 | 75·5 | 71·5 |
| nd October | 18 45 | 5 | 23 | 33 | NW | SE | 74·5 | 73·0 | 70·3 | 69·8 |
| th November | 15 02 | 2 | 26 | 33 | NW | S | 82·7 | 82·7 | 74·0 | 74·0 |
| | | | | | HYDERABAD (BEGUMPET) | | | | | |
| th April | 04 04 | 14 | 38 | 71 | NE | NNE | .. | .. | . | .. |
| | | | | | MADRAS (NUNGAMBAKKAM) | | | | | |
| th January | 12 45 | 7 | 9 | 29 | E | SE | | | | |
| th April | 09 24 | | 6 | 47 | ENE | N | | | | |
| th April | 12 20 | | 3 | 22 | SE | WNW | | | | |
| n May | 08 30 | 6 | 6 | 30 | WSW | NW | | | | |
| th May | 12 30 | 11 | 7 | 27 | E | NNW | | | | |
| n June | 06 02 | 37 | 2 | 25 | WSW | N | | | | |
| n June | 14 11 | 4 | 7 | 39 | E | NW | | | | |
| th June | 19 40 | 6 | 4 | 22 | S | SSW | | | | |
| th June | 19 35 | 5 | 9 | 30 | SSW | WNW | | Data not available. | | |
| th June | 19 51 | 3 | Calm | 26 | SSW | W | | | | |
| th June | 19 55 | 2 | 5 | 25 | SSE | W | | | | |
| n July | 19 54 | 11 | 6 | 28 | SSE | SW | | | | |
| th July | 00 26 | 4 | 4 | 31 | SW | N | | | | |
| th July | 00 38 | 7 | 13 | 34 | NNW | NW | | | | |
| th July | 18 40 | 5 | 5 | 38 | S | W | | | | |
| th July | 18 37 | 3 | 5 | 40 | SW | W | | | | |
| th July | 19 40 | 2 | 10 | 27 | SSW | W | | | | |
| h July | 22 25 | 13 | 4 | 32 | SSW | NW | | | | |
| h July | 22 45 | 7 | 14 | 33 | WNW | N | | | | |
| h July | 21 16 | 5 | 4 | 30 | S | WNW | | | | |
| h August | 16 50 | 2 | 7 | 37 | W | SW | | | | |
| h August | 17 20 | 4 | 7 | 28 | S | SW | | | | |
| h September | 23 36 | 5 | 3 | 34 | WSW | SW | | | | |
| h October | 19 15 | 5 | 6 | 29 | E | SE | | | | |
| November | 02 06 | 7 | 6 | 27 | ESE | W | | | | |
| h November | 13 25 | 3 | 15 | 42 | E | ENE | | | | |
| h November | 16 11 | 2 | 11 | 35 | E | SE | | | | |
| h November | 03 20 | 8 | 5 | 35 | ESE | SSE | | | | |
| h December | 23 00 | 3 | Calm | 24 | Calm | E | | | | |

*The hours in this case refer to L-M-T.

## Table X-B.—Squalls at 11 stations (first class observatories) for the year 1948.

| Date | Time (I.S.T.) | Duration (Mts.) | Speed (m.p.h.) | Maximum speed in gust (m.p.h.) | Direction change | | Temperature Change °F | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Dry Bulb | | Wet Bulb | |
| | | | | | From | To | Before | After | Before | After |
| | | | | | VIZAGAPATAM | | | | | |
| 31st March | 18 15 | 7 | 2 | 26 | S | N | | | | |
| 24th April | 18 12 | 16 | 4 | 30 | SW | N | | | | |
| 25th April | 20 54 | 13 | 3 | 36 | SW | ENE | | | | |
| 25th April | 21 30 | 12 | 14 | 50 | ENE | NE | | | | |
| 4th May | 19 45 | 21 | 6 | 52 | W | N | | | | |
| 8th May | 16 05 | 4 | 7 | 25 | SSW | NW | | | | |
| 12th May | 08 12 | 12 | 8 | 40 | NW | NE | | | | |
| 18th May | 19 26 | 9 | Calm | 34 | Calm | N | | | | |
| 6th June | 19 00 | 8 | Calm | 34 | Calm | N | | | | |
| 9th June | 21 34 | 3 | 5 | 27 | WNW | N | | | | |
| 21st June | 16 40 | 10 | 6 | 33 | SSW | WNW | | | | |
| 22nd June | 16 30 | 4 | 3 | 25 | SW | NW | | | | |
| 1st July | 00 30 | 12 | 5 | 22 | WSW | W | | | | |
| 15th July | 06 35 | 14 | 4 | 27 | WSW | SSW | | | | |
| 15th July | 07 30 | 9 | 5 | 24 | SSW | W | | | | |
| 23rd July | 17 30 | 4 | 7 | 24 | SSW | WNW | | | | |
| 5th August | 17 50 | 8 | 6 | 36 | SW | WNW | | | | |
| 2nd September | 16 30 | 5 | 6 | 34 | WSW | NW | | | | |
| 8th September | 09 56 | 3 | 4 | 27 | WSW | SW | | | | |
| | | | | | KODAIKANAL | | | | | |
| 20th March | 11 37 | 2 | 14 | 30 | .. | .. | 69·0 | 69·0 | 51·4 | 51·2 |
| 10th April | 10 37 | 2 | 15 | 32 | NE | ENE | 63·5 | 62·5 | 51·3 | 49·4 |
| 23rd April | 14 50 | 3 | 13 | 34 | NE | ENE | .. | .. | .. | .. |
| 4th May | 18 40 | 3 | 18 | 47 | SSE | NE | .. | .. | .. | .. |
| 10th May | 19 18 | 2 | 16 | 44 | S | NNE | 59·1 | 55·1 | 56·0 | 52·5 |
| 23rd May | 14 20 | 3 | 10 | 33 | NNE | NE | 66·3 | 58·3 | 61·4 | 54·4 |
| 25th May | 15 57 | 3 | 12 | 35 | ESE | NE | 68·0 | 57·0 | 63·3 | 55·4 |
| 4th June | 18 00 | 1 | 8 | 27 | SSE | NE | 61·8 | 57·8 | 58·0 | 55·0 |
| 12th June | 16 10 | 2 | 9 | 28 | W | SW | .. | .. | .. | .. |
| 13th June | 03 25 | 1 | 10 | 34 | NW | N | .. | .. | .. | .. |
| 13th June | 05 55 | 2 | 21 | 49 | NW | N | .. | .. | .. | .. |
| 14th June | 14 55 | 1 | 16 | 42 | W | W | 61·3 | 61·3 | 57·1 | 57·1 |
| 14th June | 15 45 | 1 | 12 | 30 | W | WNW | .. | .. | .. | .. |
| 7th July | 12 45 | 2 | 15 | 40 | WNW | W | 58·1 | 56·6 | 55·8 | 55·3 |
| 8th July | 12 07 | 2 | 16 | 36 | NNW | SSW | 57·2 | 57·1 | 56·6 | 55·1 |
| 9th July | 18 50 | 1 | 16 | 32 | NW | WNW | 54·8 | 54·3 | 53·1 | 53·1 |
| 16th July | 12 15 | 1 | 12 | 34 | NW | NW | 58·6 | 57·6 | 56·3 | 56·2 |
| 19th July | 01 10 | 1 | 16 | 34 | WNW | W | .. | .. | .. | .. |
| 30th July | 11 35 | 1 | 14 | 29 | NW | NNW | .. | .. | .. | .. |
| 4th August | 20 10 | 2 | 5 | 28 | S | SE | 57·4 | 54·4 | 55·0 | 52·0 |
| 7th August | 20 07 | 2 | 16 | 42 | W | WNW | .. | .. | .. | .. |
| 8th August | 02 55 | 1 | 16 | 40 | WNW | NW | .. | .. | .. | .. |

# TABLE XI.—MEAN HOURLY AND EXTREME DRY BULB TEMPERATURES (°F) AT 12 STATIONS FOR THE YEAR 1948.

## Table XI.—Mean hourly and extreme dry bulb

*(Readings at exact*

| Hours (I.S.T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **CALCUTTA*.** | | | | | | | | | | | | | | | | | | |
| January | 62·9 | 60·2 | 61·8 | 61·3 | 60·9 | 60·5 | 60·2 | 61·6 | 66·2 | 71·6 | 75·1 | 77·3 | 77·8 | 77·8 | 76·5 | 75·5 | 74·2 | 73·8 |
| February | 67·6 | 66·9 | 66·2 | 65·6 | 65·2 | 65·0 | 64·8 | 66·1 | 71·6 | 76·4 | 79·5 | 81·5 | 82·5 | 83·3 | 81·2 | 80·0 | 78·8 | 76·8 |
| March | 72·5 | 72·2 | 71·8 | 71·5 | 71·0 | 70·4 | 70·6 | 72·7 | 79·0 | 83·9 | 87·5 | 89·2 | 90·4 | 91·2 | 87·3 | 85·5 | 84·0 | 81·6 |
| April | 79·7 | 79·1 | 78·8 | 78·6 | 78·3 | 78·3 | 78·5 | 80·1 | 85·0 | 89·0 | 91·6 | 93·2 | 94·4 | 94·2 | 93·5 | 91·7 | 90·0 | 86·7 |
| May | 82·0 | 81·0 | 80·9 | 80·8 | 80·8 | 80·9 | 81·0 | 84·3 | 87·0 | 87·3 | 90·7 | 91·9 | 92·0 | 92·1 | 91·9 | 91·0 | 88·7 | 86·6 |
| June | 82·8 | 82·5 | 82·4 | 82·4 | 82·1 | 82·1 | 82·6 | 84·3 | 86·7 | 89·1 | 90·2 | 91·0 | 91·7 | 91·1 | 90·9 | 90·1 | 89·0 | 87·3 |
| July | 82·0 | 81·8 | 81·5 | 81·2 | 81·0 | 80·9 | 81·4 | 82·7 | 84·5 | 86·1 | 87·0 | 87·0 | 88·1 | 86·7 | 86·6 | 86·2 | 86·1 | 85·4 |
| August | 81·0 | 80·9 | 80·4 | 80·4 | 80·4 | 80·2 | 80·5 | 81·5 | 85·8 | 87·8 | 89·0 | 90·2 | 90·2 | 89·7 | 88·9 | 88·1 | 87·6 | 86·9 |
| September | 80·5 | 80·2 | 80·0 | 79·8 | 79·6 | 79·5 | 79·9 | 81·3 | 83·5 | 85·7 | 87·0 | 87·7 | 87·5 | 86·9 | 86·0 | 84·9 | 84·2 | 83·4 |
| October | 76·5 | 76·4 | 76·0 | 75·9 | 75·5 | 75·0 | 75·2 | 77·0 | 81·8 | 85·6 | 86·6 | 87·6 | 87·4 | 86·6 | 85·1 | 84·0 | 83·0 | 81·5 |
| November | 71·5 | 71·1 | 70·7 | 70·4 | 70·2 | 69·8 | 69·8 | 71·9 | 76·1 | 79·5 | 81·4 | 82·5 | 82·5 | 81·1 | 80·1 | 79·2 | 77·7 | 75·9 |
| December | 60·4 | 60·1 | 59·4 | 59·3 | 58·9 | 58·5 | 58·6 | 60·0 | 66·5 | 71·7 | 74·9 | 77·0 | 77·6 | 75·4 | 74·6 | 73·6 | 73·0 | 68·8 |
| *Year* | 74·9 | 74·5 | 74·2 | 73·9 | 73·7 | 73·4 | 73·6 | 75·3 | 79·5 | 82·8 | 85·0 | 86·3 | 86·8 | 86·3 | 85·2 | 84·1 | 83·0 | 81·2 |
| **SAUGOR ISLAND.** | | | | | | | | | | | | | | | | | | |
| January | 65·9 | 65·5 | 65·3 | 64·9 | 64·6 | 64·0 | 63·7 | 65·5 | 65·6 | 68·6 | 73·3 | 74·3 | 74·9 | 75·1 | 75·1 | 74·8 | 73·1 | 70·7 |
| February | 70·6 | 70·4 | 70·3 | 70·1 | 69·7 | 69·0 | 69·1 | 71·7 | 73·9 | 75·1 | 76·1 | 76·9 | 77·5 | 77·8 | 77·7 | 77·2 | 76·2 | 73·8 |
| March | 75·0 | 75·1 | 74·8 | 74·6 | 74·5 | 74·5 | 75·2 | 78·0 | 79·9 | 81·1 | 82·0 | 82·7 | 83·3 | 83·6 | 83·2 | 82·4 | 81·1 | 78·8 |
| April | 80·6 | 80·6 | 80·4 | 80·4 | 80·5 | 80·7 | 81·8 | 83·4 | 84·1 | 84·7 | 85·4 | 85·7 | 85·7 | 85·5 | 84·9 | 84·0 | 82·6 | 81·7 |
| May | 82·3 | 82·7 | 83·0 | 83·1 | 83·0 | 83·2 | 83·4 | 84·9 | 85·9 | 86·3 | 86·7 | 87·0 | 87·0 | 86·9 | 86·5 | 86·1 | 85·0 | 84·3 |
| June | 84·4 | 84·6 | 84·6 | 84·3 | 84·4 | 84·7 | 85·3 | 85·9 | 85·9 | 85·9 | 86·1 | 88·0 | 86·5 | 86·4 | 86·3 | 86·3 | 85·8 | 85·5 |
| July | 82·5 | 82·4 | 82·3 | 82·2 | 82·1 | 82·1 | 82·2 | 82·9 | 83·4 | 84·1 | 84·0 | 83·9 | 84·2 | 84·2 | 84·1 | 84·0 | 83·8 | 83·5 |
| August | 82·7 | 82·6 | 82·4 | 82·3 | 82·1 | 82·1 | 82·1 | 83·2 | 83·5 | 83·4 | 83·5 | 83·4 | 83·5 | 83·7 | 83·5 | 83·5 | 83·4 | 83·1 |
| September | 81·8 | 81·7 | 81·6 | 81·8 | 81·6 | 81·6 | 81·5 | 82·7 | 83·3 | 83·0 | 83·1 | 83·3 | 83·2 | 82·9 | 82·8 | 82·8 | 83·0 | 82·4 |
| October | 80·0 | 79·5 | 79·2 | 79·1 | 79·0 | 78·9 | 79·9 | 81·5 | 82·8 | 83·3 | 83·9 | 84·4 | 84·5 | 85·0 | 85·1 | 84·7 | 83·3 | 82·0 |
| November† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December† | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **JAMSHEDPUR.** | | | | | | | | | | | | | | | | | | |
| January | 62·0 | 61·3 | 60·7 | 60·1 | 59·6 | 59·2 | 58·9 | 61·0 | 66·1 | 70·3 | 73·1 | 75·2 | 76·8 | 77·8 | 78·4 | 78·0 | 75·7 | 72·1 |
| February | 64·7 | 63·9 | 63·2 | 62·5 | 61·7 | 61·4 | 61·8 | 65·5 | 70·2 | 73·9 | 77·0 | 79·2 | 80·6 | 81·5 | 82·5 | 81·6 | 80·0 | 76·6 |
| March | 70·5 | 70·2 | 71·8 | 70·7 | 65·3 | 66·7 | 68·0 | 74·0 | 78·8 | 82·8 | 85·8 | 88·1 | 90·1 | 91·0 | 91·7 | 91·4 | 89·8 | 85·8 |
| April | 81·7 | 80·6 | 79·6 | 78·8 | 78·1 | 77·9 | 80·7 | 85·0 | 89·1 | 93·1 | 96·9 | 99·8 | 101·7 | 102·4 | 102·5 | 101·8 | 100·1 | 95·8 |
| May | 83·2 | 82·7 | 82·2 | 81·8 | 81·5 | 81·8 | 84·2 | 86·9 | 89·7 | 92·8 | 96·2 | 99·0 | 101·1 | 102·3 | 102·0 | 100·1 | 96·9 | 93·4 |
| June | 84·3 | 83·8 | 83·5 | 83·1 | 82·8 | 83·1 | 84·8 | 86·8 | 88·8 | 91·4 | 93·9 | 95·4 | 96·7 | 97·1 | 91·1 | 90·9 | 90·1 | 91·8 |
| July | 80·6 | 80·5 | 80·3 | 80·2 | 80·0 | 80·3 | 78·7 | 80·0 | 83·8 | 85·1 | 86·3 | 87·5 | 87·8 | 88·1 | 88·0 | 87·2 | 85·4 | 83·6 |
| August | 79·9 | 79·9 | 79·8 | 79·7 | 79·7 | 79·8 | 80·6 | 82·3 | 83·2 | 84·3 | 85·2 | 85·6 | 86·6 | 87·0 | 86·2 | 85·2 | 83·9 | 83·0 |
| September | 79·1 | 78·9 | 78·8 | 78·7 | 78·5 | 78·6 | 80·0 | 81·9 | 83·4 | 84·1 | 85·0 | 85·3 | 85·7 | 85·7 | 85·8 | 84·8 | 83·2 | 81·5 |
| October | 74·9 | 73·8 | 73·4 | 73·0 | 72·8 | 72·6 | 74·0 | 77·1 | 79·8 | 82·0 | 83·9 | 85·2 | 85·6 | 86·3 | 86·1 | 85·7 | 83·1 | 80·1 |
| November | 69·7 | 69·3 | 69·1 | 68·9 | 68·6 | 68·4 | 69·3 | 71·6 | 74·1 | 76·1 | 77·9 | 79·0 | 77·9 | 80·5 | 80·7 | 79·5 | 77·3 | 75·2 |
| December | 58·1 | 57·6 | 56·9 | 55·4 | 55·3 | 55·0 | 56·1 | 58·5 | 63·6 | 67·5 | 70·8 | 72·8 | 74·0 | 75·1 | 75·4 | 74·7 | 71·6 | 67·2 |
| *Year* | 74·5 | 73·5 | 73·2 | 72·7 | 71·9 | 72·0 | 73·0 | 75·9 | 79·2 | 81·9 | 84·1 | 86·0 | 87·0 | 87·9 | 87·5 | 86·7 | 84·1 | 82·1 |

*Hours in this case refer to L. M. T.
†Data not available.

## mperatures (°F) at 12 stations for the year 1948.

*urs I.S.T.*)

| 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme. Max. | Extreme. Date. | Extreme. Min. | Extreme. Date. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68·8 | 67·0 | 65·8 | 64·8 | 64·1 | 63·5 | 68·0 | 79·8 | 58·2 | 87 | 31 | 55 | 13 | January. |
| 74·0 | 71·9 | 70·4 | 69·6 | 68·7 | 68·1 | 72·6 | 84·0 | 64·8 | 94 | 24 | 53 | 9 | February. |
| 78·3 | 78·1 | 76·5 | 75·2 | 74·4 | 73·5 | 78·7 | 91·3 | 70·1 | 100 | 12, 13 | 57 | 18 | March. |
| 84·7 | 82·9 | 81·7 | 81·4 | 80·7 | 77·4 | 84·6 | 94·9 | 77·6 | 98 | 9 | 72 | 26 | April. |
| 84·9 | 84·0 | 83·4 | 82·7 | 82·0 | 81·6 | 85·4 | 92·1 | 79·5 | 97 | 19 | 71 | 23 | May. |
| 85·7 | 82·2 | 81·5 | 80·8 | 80·4 | 80·2 | 85·4 | 93·2 | 81·1 | 100 | 3, 13, 14 | 75 | 4 days. | June. |
| 84·0 | 83·5 | 83·1 | 82·7 | 82·6 | 82·2 | 83·9 | 89·3 | 80·6 | 95 | 27 | 77 | 5 days. | July. |
| 86·0 | 85·5 | 85·1 | 84·8 | 81·4 | 81·0 | 84·7 | 88·8 | 79·6 | 93 | 13 | 75 | 5 | August. |
| 82·6 | 82·0 | 81·6 | 81·3 | 80·9 | 80·7 | 82·8 | 89·0 | 79·5 | 94 | 17 | 78 | 3 | September. |
| 80·2 | 78·9 | 78·3 | 77·7 | 77·1 | 76·6 | 80·2 | 88·0 | 75·1 | 93 | 9 | 66 | 27 | October. |
| 74·4 | 73·7 | 72·8 | 72·3 | 71·8 | 71·5 | 74·9 | 84·2 | 69·6 | 92 | 9 | 63 | 13, 21 | November. |
| 66·2 | 64·6 | 63·4 | 62·4 | 61·7 | 61·1 | 76·1 | 78·3 | 58·2 | 83 | 31 | 53 | 25 | December. |
| 79·0 | 77·9 | 77·0 | 76·3 | 75·7 | 74·8 | 79·3 | 87·7 | 72·8 | 100 | VI | 53 | II | *Year.* |
| 69·3 | 68·7 | 67·9 | 67·3 | 66·8 | 66·6 | 68·8 | 75·5 | 63·0 | 83 | 31 | 59 | 1 | January. |
| 72·5 | 72·0 | 71·5 | 71·2 | 71·1 | 71·0 | 72·9 | 78·6 | 67·0 | 87 | 25 | 58 | 9 | February. |
| 77·4 | 76·8 | 76·0 | 75·8 | 75·1 | 74·9 | 78·1 | 84·0 | 72·4 | 92 | 12 | 60 | 18 | March. |
| 81·5 | 80·5 | 80·3 | 80·4 | 80·5 | 80·5 | 82·3 | 85·8 | 78·1 | 87 | 13 | 68 | 25 | April. |
| 83·0 | 83·2 | 83·1 | 82·2 | 82·3 | 82·5 | 84·3 | 87·5 | 80·1 | 92 | 2 | 70 | 7 | May. |
| 84·8 | 85·0 | 84·9 | 84·5 | 84·3 | 84·1 | 85·3 | 87·9 | 82·1 | 91 | 13 | 79 | 19 | June. |
| 83·2 | 83·2 | 82·9 | 83·0 | 82·9 | 82·8 | 83·1 | 85·2 | 81·2 | 89 | 5 | 77 | 22, 23 | July. |
| 83·0 | 82·9 | 82·8 | 82·9 | 82·7 | 82·7 | 83·3 | 84·4 | 81·4 | 87 | 16 | 79 | 1 | August. |
| 82·2 | 89·1 | 82·1 | 82·1 | 82·1 | 82·0 | 82·6 | 85·0 | 80·2 | 91 | 23 | 78 | 24 | September. |
| 81·4 | 81·0 | 80·6 | 80·4 | 80·3 | 80·1 | 81·6 | 85·6 | 78·3 | 89 | 8 | 72 | 30 | October. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | November. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | December |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |
| 69·1 | 67·2 | 65·7 | 64·4 | 63·6 | 62·7 | 67·4 | 78·7 | 59·9 | 85 | 29 | 54 | 12 | January. |
| 73·3 | 71·2 | 69·6 | 68·3 | 67·1 | 65·8 | 70·9 | 83·0 | 60·9 | 91 | 24 | 52 | 8 | February. |
| 81·0 | 78·4 | 76·7 | 75·1 | 73·8 | 70·0 | 78·6 | 93·7 | 65·6 | 100 | 11 | 57 | 1 | March. |
| 91·6 | 89·1 | 87·3 | 85·8 | 84·6 | 83·2 | 89·4 | 104·0 | 79·4 | 105 | 12 | 71 | 4 | April. |
| 90·1 | 88·5 | 86·1 | 85·3 | 84·6 | 83·7 | 89·8 | 103·3 | 79·2 | 112 | 19, 20, 29 | 71 | 23 | May |
| 89·4 | 87·7 | 86·4 | 85·4 | 84·8 | 84·5 | 88·2 | 98·7 | 74·8 | 111 | 10 | 77 | 5 | June. |
| 82·3 | 81·8 | 81·3 | 81·1 | 80·8 | 80·7 | 82·9 | 89·5 | 79·0 | 94 | 26 | 76 | 14 | July |
| 82·1 | 81·5 | 81·3 | 81·1 | 80·5 | 80·3 | 82·4 | 88·5 | 78·9 | 92 | 19 | 75 | 1 | August. |
| 80·9 | 80·4 | 79·9 | 79·6 | 79·3 | 79·2 | 81·5 | 87·7 | 74·8 | 92 | 17 | 74 | 13 | September. |
| 78·5 | 77·4 | 76·4 | 75·8 | 75·1 | 74·2 | 82·3 | 87·2 | 72·3 | 92 | 7 | 62 | 28 | October. |
| 73·7 | 72·5 | 71·7 | 70·9 | 70·3 | 69·8 | 73·4 | 81·4 | 67·3 | 89 | 6 | 59 | 21 | November. |
| 64·4 | 67·0 | 61·1 | 60·2 | 59·4 | 59·1 | 64·0 | 76·3 | 54·4 | 81 | 30 | 48 | 14 | December. |
| 79·7 | 78·5 | 76·9 | 76·0 | 75·3 | 74·4 | 79·1 | 89·3 | 70·5 | 112 | V | 40 | XII | *Year.* |

## Table XI.—Mean hourly and extreme dry bulb temperatures (°F)

*(Readings at exact*

| Hours (I.S.T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | GAYA. | | |
| January | 59·8 | 59·2 | 58·5 | 57·9 | 57·4 | 56·9 | 56·5 | 58·2 | 63·8 | 67·9 | 70·4 | 71·8 | 72·9 | 73·5 | 73·9 | 73·4 | 72·3 | 68·8 |
| February | 61·5 | 60·6 | 60·1 | 59·4 | 58·6 | 57·8 | 57·8 | 61·2 | 67·4 | 71·5 | 74·4 | 76·1 | 77·7 | 79·0 | 79·3 | 78·7 | 77·7 | 73·2 |
| March | 70·0 | 68·7 | 67·7 | 66·5 | 65·8 | 65·0 | 66·8 | 72·0 | 79·0 | 83·3 | 86·2 | 88·6 | 89·7 | 90·7 | 91·3 | 90·7 | 89·5 | 85·2 |
| April | 82·6 | 81·7 | 80·4 | 79·2 | 78·4 | 78·0 | 81·7 | 87·1 | 92·8 | 95·8 | 98·8 | 101·2 | 103·2 | 103·8 | 103·6 | 102·7 | 101·0 | 97·8 |
| May | 88·9 | 87·4 | 86·5 | 85·5 | 84·5 | 85·0 | 88·1 | 92·3 | 95·7 | 99·6 | 102·6 | 104·4 | 106·1 | 107·0 | 106·8 | 106·0 | 104·0 | 101·6 |
| June | 88·5 | 87·4 | 87·7 | 85·5 | 86·8 | 87·5 | 90·2 | 93·1 | 95·2 | 97·5 | 99·2 | 100·5 | 101·1 | 100·2 | 99·4 | 99·0 | 98·4 | 97·0 |
| July | 81·1 | 80·9 | 80·7 | 80·5 | 80·3 | 80·6 | 81·7 | 83·2 | 84·5 | 85·7 | 86·5 | 87·8 | 88·4 | 87·9 | 90·3 | 86·4 | 85·9 | 84·6 |
| August | 80·6 | 80·1 | 79·8 | 79·6 | 79·4 | 79·5 | 80·8 | 82·5 | 83·8 | 84·9 | 86·1 | 86·5 | 86·5 | 85·8 | 86·2 | 86·1 | 85·1 | 84·0 |
| September | 80·0 | 79·7 | 79·4 | 79·1 | 78·9 | 78·9 | 80·0 | 81·8 | 83·1 | 84·6 | 85·9 | 86·9 | 86·9 | 87·2 | 86·4 | 85·8 | 84·8 | 83·5 |
| October | 75·0 | 74·5 | 74·0 | 73·5 | 73·1 | 73·0 | 74·3 | 76·3 | 79·5 | 81·7 | 83·3 | 83·7 | 84·4 | 85·3 | 84·8 | 84·1 | 82·3 | 80·1 |
| November | 67·2 | 66·7 | 66·2 | 65·7 | 65·3 | 65·0 | 65·5 | 68·4 | 71·6 | 74·4 | 76·5 | 77·6 | 78·0 | 78·2 | 78·0 | 77·1 | 75·0 | 72·9 |
| December | 55·3 | 54·7 | 54·0 | 53·2 | 52·6 | 52·2 | 52·1 | 56·0 | 62·1 | 64·2 | 70·5 | 72·6 | 71·7 | 74·2 | 74·5 | 74·1 | 70·5 | 67·2 |
| *Year* | 74·2 | 73·3 | 72·9 | 71·8 | 71·7 | 71·6 | 72·9 | 76·0 | 79·8 | 82·5 | 85·0 | 86·4 | 87·5 | 87·7 | 87·8 | 87·0 | 85·5 | 82·9 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | ALLAHABAD (BAMRAULI). | | |
| January | 57·8 | 57·1 | 56·4 | 55·7 | 55·1 | 54·8 | 54·7 | 55·9 | 60·1 | 65·8 | 68·3 | 70·6 | 71·6 | 72·1 | 72·2 | 71·7 | 69·9 | 67·2 |
| February | 60·0 | 58·9 | 57·8 | 57·0 | 56·3 | 55·8 | 55·8 | 60·0 | 65·7 | 70·4 | 72·9 | 74·9 | 76·6 | 77·2 | 77·7 | 77·4 | 76·0 | 71·2 |
| March | 69·6 | 68·3 | 66·7 | 66·7 | 65·7 | 63·9 | 64·9 | 73·8 | 77·8 | 82·6 | 85·2 | 87·9 | 88·9 | 90·2 | 90·3 | 89·9 | 88·3 | 84·2 |
| April | 82·0 | 81·0 | 80·2 | 79·4 | 78·5 | 77·0 | 76·4 | 86·4 | 92·0 | 97·0 | 99·4 | 101·2 | 102·3 | 103·2 | 103·4 | 103·1 | 102·0 | 95·4 |
| May | 89·7 | 87·6 | 86·8 | 84·6 | 84·8 | 84·1 | 87·2 | 94·8 | 97·0 | 95·2 | 104·7 | 106·8 | 108·2 | 108·9 | 109·0 | 108·2 | 107·2 | 104·6 |
| June | 91·0 | 89·8 | 89·0 | 88·6 | 87·7 | 87·6 | 89·7 | 91·8 | 94·6 | 98·4 | 100·1 | 101·2 | 102·5 | 103·6 | 103·1 | 102·6 | 101·0 | 99·9 |
| July | 80·9 | 80·6 | 79·3 | 79·5 | 80·0 | 80·0 | 80·5 | 81·4 | 82·7 | 85·0 | 85·6 | 86·3 | 86·8 | 87·1 | 87·0 | 86·2 | 85·9 | 85·3 |
| August | 79·9 | 79·7 | 78·7 | 79·3 | 79·2 | 79·1 | 79·5 | 80·7 | 81·8 | 81·7 | 84·3 | 84·9 | 85·4 | 85·8 | 85·5 | 85·0 | 84·5 | 83·7 |
| September | 75·4 | 79·9 | 78·9 | 78·5 | 78·1 | 78·8 | 79·6 | 79·7 | 80·7 | 82·9 | 84·0 | 84·4 | 85·4 | 85·6 | 86·6 | 84·6 | 83·4 | 82·1 |
| October | 75·4 | 74·8 | 74·5 | 74·0 | 73·6 | 73·6 | 74·2 | 77·3 | 80·8 | 84·2 | 85·8 | 87·2 | 87·1 | 87·6 | 87·7 | 87·2 | 85·1 | 82·8 |
| November | 64·2 | 63·7 | 62·9 | 62·6 | 62·2 | 61·9 | 62·0 | 65·0 | 69·7 | 74·0 | 76·8 | 77·5 | 77·6 | 78·5 | 78·5 | 77·8 | 75·7 | 72·8 |
| December | 55·7 | 54·9 | 54·5 | 53·7 | 53·2 | 52·7 | 52·4 | 55·1 | 61·7 | 66·8 | 67·7 | 72·1 | 72·9 | 73·2 | 75·7 | 72·6 | 70·5 | 66·7 |
| *Year* | 73·5 | 73·0 | 72·1 | 71·5 | 71·2 | 70·8 | 71·4 | 75·2 | 78·7 | 82·0 | 84·6 | 86·3 | 87·1 | 87·7 | 88·0 | 87·2 | 85·8 | 83·0 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | NEW DELHI. | |
| January | 53·9 | 53·1 | 52·5 | 52·1 | 51·5 | 51·0 | 50·6 | 50·5 | 54·0 | 58·0 | 61·1 | 64·6 | 66·5 | 67·1 | 67·6 | 67·5 | 64·8 | 64·6 |
| February | 56·0 | 55·3 | 54·9 | 54·3 | 53·7 | 53·1 | 52·7 | 53·4 | 58·9 | 63·2 | 66·6 | 69·0 | 70·4 | 71·5 | 71·4 | 71·4 | 72·9 | 68·6 |
| March | 65·9 | 64·8 | 63·7 | 62·9 | 62·0 | 61·0 | 60·8 | 62·7 | 67·5 | 71·7 | 75·1 | 77·7 | 76·9 | 80·4 | 80·5 | 80·6 | 80·0 | 78·1 |
| April | 83·4 | 79·8 | 78·5 | 77·3 | 76·5 | 75·5 | 76·8 | 81·3 | 86·1 | 90·5 | 93·9 | 95·9 | 97·5 | 98·4 | 98·5 | 98·7 | 98·0 | 96·7 |
| May | 87·4 | 86·1 | 88·2 | 84·6 | 81·7 | 83·4 | 85·1 | 89·1 | 93·6 | 94·2 | 100·4 | 102·6 | 104·1 | 104·8 | 105·3 | 104·9 | 104·4 | 102·5 |
| June | 92·8 | 91·2 | 90·1 | 89·1 | 88·5 | 87·6 | 88·9 | 91·0 | 94·7 | 97·2 | 99·7 | 101·7 | 102·9 | 103·6 | 104·1 | 103·7 | 103·4 | 102·4 |
| July | 82·9 | 82·1 | 82·4 | 82·1 | 80·9 | 81·4 | 81·4 | 84·2 | 87·2 | 87·2 | 88·2 | 90·1 | 91·2 | 91·4 | 88·9 | 88·4 | 88·8 | 88·7 |
| August | 80·7 | 80·1 | 80·1 | 80·4 | 80·0 | 79·5 | 79·5 | 81·1 | 80·2 | 83·3 | 84·7 | 85·4 | 86·6 | 87·5 | 87·0 | 86·2 | 85·8 | 84·7 |
| September | 79·5 | 78·9 | 78·4 | 87·0 | 77·5 | 77·2 | 77·7 | 80·6 | 83·0 | 85·6 | 87·1 | 88·8 | 90·1 | 90·9 | 90·9 | 89·9 | 89·7 | 87·6 |
| October | 73·0 | 72·7 | 72·0 | 71·5 | 70·7 | 70·2 | 70·3 | 74·4 | 79·6 | 83·2 | 86·1 | 88·0 | 89·2 | 90·1 | 90·0 | 88·8 | 87·1 | 83·5 |
| November | 56·9 | 55·8 | 55·0 | 54·2 | 53·4 | 53·0 | 52·9 | 56·8 | 62·7 | 69·3 | 74·2 | 76·9 | 78·2 | 79·2 | 79·2 | 78·6 | 76·2 | 71·0 |
| December | 51·2 | 50·2 | 49·4 | 48·7 | 47·8 | 47·3 | 47.1 | 84·4 | 54·4 | 63·0 | 65·7 | 68·8 | 70·5 | 71·6 | 72·0 | 71·4 | 69·4 | 65·2 |
| *Year* | 72·0 | 70·8 | 70·4 | 69·6 | 68·7 | 68·3 | 68·7 | 71·1 | 75·2 | 78·9 | 81·9 | 84·1 | 85·3 | 86·4 | 86·5 | 85·8 | 85·0 | 82·8 |

## 2 stations for the year 1948.

*I.S.T.*)

| | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme Max. | Extreme Date. | Extreme Min. | Extreme Date. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7·1 | 65·5 | 64·1 | 62·8 | 61·6 | 60·6 | 64·7 | 74·4 | 56·4 | 80 | 30 | 51 | 18 | January. |
| 0·7 | 68·6 | 66·9 | 65·6 | 64·0 | 62·8 | 69·6 | 80·0 | 57·2 | 89 | 26 | 49 | 9 | February. |
| 1·3 | 78·2 | 76·4 | 74·7 | 73·2 | 71·4 | 77·9 | 92·4 | 64·5 | 101 | 30, 31 | 55 | 17 | March. |
| 3·7 | 91·2 | 89·4 | 87·8 | 86·1 | 84·5 | 90·9 | 103·2 | 76·8 | 110 | 30 | 68 | 9 | April. |
| 8·0 | 95·8 | 94·1 | 92·5 | 91·6 | 90·6 | 92·9 | 109·0 | 84·1 | 116 | 20 | 79 | 8 | May. |
| 4·7 | 92·6 | 91·7 | 90·9 | 89·9 | 89·1 | 93·4 | 103·8 | 86·4 | 116 | 4 | 79 | 26 | June. |
| 3·5 | 82·5 | 82·2 | 81·9 | 81·6 | 81·3 | 82·0 | 93·1 | 79·8 | 97 | 10 | 77 | 14 | July. |
| 3·2 | 82·4 | 82·1 | 81·6 | 84·0 | 83·5 | 83·2 | 83·7 | 74·5 | 92 | 13 | 72 | 5 | August. |
| 2·6 | 82·0 | 81·6 | 81·1 | 80·9 | 80·5 | 82·5 | 87·6 | 77·8 | 92 | 9 | 74 | 14 | September. |
| 6·2 | 77·9 | 77·2 | 76·4 | 75·8 | 75·1 | 78·8 | 85·8 | 72·3 | 90 | 6 | 64 | 28 | October. |
| 1·5 | 70·5 | 69·5 | 68·6 | 67·8 | 67·3 | 70·1 | 89·2 | 64·5 | 89 | 9 | 56 | 17 | November |
| 4·7 | 62·7 | 61·0 | 59·7 | 57·9 | 56·5 | 62·2 | 75·3 | 51·1 | 78 | 29 | 47 | 16 | December. |
| 1·4 | 79·1 | 78·0 | 77·1 | 76·2 | 75·2 | 79·0 | 89·8 | 70·5 | 116 | V, VI | 47 | XII | *Year.* |
| 4·7 | 63·1 | 61·9 | 61·0 | 59·5 | 58·7 | 62·8 | 73·4 | 54·3 | 80 | 30 | 49 | 18 | January. |
| 8·5 | 66·4 | 64·8 | 63·6 | 62·5 | 61·0 | 65·8 | 78·4 | 54·9 | 89 | 26 | 44 | 9 | February. |
| 0·7 | 78·0 | 75·8 | 74·0 | 72·6 | 70·9 | 76·9 | 91·8 | 60·0 | 100 | 30 | 54 | 16 | March. |
| 4·6 | 92·0 | 89·5 | 87·5 | 85·5 | 83·8 | 91·5 | 105·1 | 76·8 | 111 | 30 | 68 | 8 | April. |
| 0·5 | 98·2 | 96·1 | 94·4 | 93·1 | 91·1 | 96·4 | 110·0 | 83·5 | 117 | 19 | 76 | 3 | May. |
| 7·9 | 95·8 | 94·7 | 93·5 | 92·3 | 90·7 | 95·0 | 104·7 | 86·9 | 113 | 18 | 73 | 29 | June. |
| 4·2 | 83·6 | 83·4 | 82·6 | 82·2 | 81·9 | 83·3 | 88·9 | 79·5 | 97 | 15 | 77 | 13 | July. |
| 2·5 | 81·6 | 81·3 | 81·0 | 80·6 | 79·8 | 81·9 | 87·3 | 78·7 | 91 | 29 | 73 | 19 | August. |
| 1·2 | 80·6 | 80·3 | 79·7 | 79·2 | 79·0 | 85·3 | 86·8 | 77·8 | 91 | 19 | 73 | 24 | September. |
| 0·7 | 79·4 | 78·4 | 77·0 | 76·4 | 75·9 | 79·8 | 88·6 | 73·1 | 93 | 4 | 65 | 26 | October. |
| 2·0 | 68·5 | 67·2 | 66·0 | 65·2 | 64·3 | 69·5 | 79·5 | 61·3 | 87 | 3 | 54 | 19 | November. |
| 3·7 | 61·7 | 59·9 | 58·6 | 57·6 | 56·7 | 62·1 | 74·2 | 52·0 | 79 | 6 | 47 | 13 | December. |
| 0·9 | 79·1 | 77·8 | 76·6 | 75·6 | 74·6 | 79·2 | 89·1 | 69·9 | 117 | V | 44 | II | *Year.* |
| 1·0 | 61·0 | 57·5 | 56·1 | 55·6 | 54·9 | 58·1 | 68·3 | 50·0 | 77 | 29 | 43 | 17 | January. |
| 5·2 | 63·0 | 60·9 | 59·6 | 58·2 | 57·0 | 61·6 | 72·5 | 51·9 | 77 | 11 | 43 | 6 | February. |
| 5·4 | 72·6 | 70·8 | 69·4 | 68·5 | 67·4 | 70·5 | 81·3 | 60·6 | 94 | 31 | 51 | 15 | March. |
| 4·0 | 90·8 | 88·3 | 86·4 | 84·6 | 83·3 | 87·8 | 100·1 | 75·1 | 110 | 29 | 63 | 7 | April. |
| 9·5 | 95·6 | 93·7 | 91·4 | 89·5 | 88·7 | 94·2 | 106·4 | 83·3 | 113 | 22 | 75 | 24 | May. |
| 0·9 | 98·9 | 97·1 | 95·7 | 94·6 | 93·8 | 96·4 | 105·8 | 86·6 | 111 | 15 | 73 | 5 | June. |
| 6·7 | 86·0 | 84·6 | 84·1 | 82·8 | 83·2 | 85·6 | 91·6 | 80·7 | 110 | 2 | 76 | 27 | July. |
| 3·4 | 82·4 | 81·5 | 81·4 | 81·2 | 80·9 | 82·9 | 89·1 | 78·6 | 97 | 16 | 74 | 24 | August. |
| 5·1 | 83·2 | 82·2 | 81·3 | 80·6 | 79·9 | 83·0 | 91·9 | 76·8 | 96 | 4 | 72 | 24 | September. |
| 0·1 | 78·0 | 76·4 | 75·3 | 74·3 | 73·5 | 77·7 | 91·3 | 69·7 | 97 | 1 | 59 | 26 | October. |
| 6·8 | 63·9 | 61·8 | 60·2 | 58·7 | 57·5 | 64·8 | 80·1 | 52·8 | 86 | 1 | 45 | 24 | November. |
| 1·2 | 59·0 | 56·4 | 54·7 | 53·3 | 52·1 | 58·3 | 73·1 | 47·0 | 83 | 4 | 42 | 11 | December. |
| 9·9 | 77·9 | 75·9 | 74·6 | 73·5 | 72·7 | 76·7 | 87·6 | 67·8 | 113 | V | 42 | XII | *Year.* |

## Table XI—Mean hourly and extreme dry bul

(*Readings at exa*

| Hour (I. S. T.) Month | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | JODHPU |
| January | 59·1 | 58·2 | 57·4 | 56·5 | 55·8 | 55·0 | 54·4 | 54·3 | 56·8 | 60·9 | 65·0 | 67·7 | 69·1 | 70·3 | 70·9 | 70·9 | 70·5 | 68· |
| February | 62·9 | 62·0 | 60·7 | 59·7 | 59·0 | 58·4 | 57·6 | 57·9 | 61·3 | 65·2 | 69·3 | 71·9 | 73·7 | 75·0 | 75·8 | 75·6 | 75·1 | 73· |
| March | 73·6 | 71·8 | 71·1 | 70·3 | 69·0 | 67·9 | 67·3 | 68·4 | 73·7 | 78·9 | 83·4 | 86·2 | 88·1 | 89·1 | 89·5 | 89·6 | 89·1 | 88· |
| April | 85·4 | 84·2 | 83·2 | 81·4 | 79·6 | 77·6 | 77·5 | 81·3 | 86·4 | 91·1 | 94·8 | 97·5 | 99·3 | 100·6 | 101·1 | 101·2 | 100·4 | 99· |
| May | 93·1 | 91·2 | 89·7 | 88·0 | 85·6 | 84·2 | 84·7 | 88·0 | 91·5 | 95·0 | 98·8 | 102·3 | 104·4 | 106·2 | 107·3 | 107·6 | 107·3 | 106· |
| June | 93·4 | 92·1 | 90·9 | 89·6 | 88·4 | 87·5 | 87·5 | 88·6 | 90·6 | 93·0 | 95·5 | 98·0 | 100·2 | 102·1 | 103·3 | 103·9 | 103·8 | 103· |
| July | 87·4 | 86·5 | 85·8 | 84·7 | 83·9 | 83·4 | 83·3 | 84·1 | 85·6 | 87·3 | 89·3 | 91·2 | 93·2 | 94·6 | 95·2 | 95·5 | 95·6 | 95· |
| August | 80·9 | 80·5 | 80·1 | 79·8 | 79·3 | 78·9 | 78·8 | 79·9 | 81·5 | 82·9 | 84·3 | 85·9 | 86·8 | 87·8 | 88·5 | 88·8 | 88·2 | 86· |
| September | 82·0 | 81·1 | 80·5 | 80·0 | 79·2 | 78·3 | 78·0 | 80·4 | 83·2 | 85·7 | 88·0 | 90·0 | 91·4 | 92·7 | 93·7 | 93·6 | 92·7 | 91· |
| October | 79·3 | 78·0 | 77·4 | 75·9 | 75·5 | 73·7 | 73·0 | 76·0 | 81·4 | 86·2 | 90·0 | 92·7 | 94·5 | 95·4 | 95·8 | 95·4 | 94·0 | 91· |
| November | 67·3 | 66·3 | 65·1 | 63·8 | 63·0 | 62·4 | 61·4 | 62·8 | 67·5 | 72·8 | 78·3 | 81·8 | 8·37 | 84·5 | 84·6 | 84·4 | 83·5 | 80· |
| December | 61·2 | 59·9 | 59·1 | 57·8 | 56·9 | 56·3 | 55·8 | 56·1 | 59·6 | 64·6 | 70·0 | 74·4 | 76·5 | 77·3 | 77·4 | 77·3 | 76·2 | 72· |
| *Year* | 77·1 | 76·0 | 75·1 | 74·0 | 72·9 | 72·0 | 71·6 | 73·1 | 76·6 | 80·3 | 83·9 | 86·6 | 88·4 | 89·6 | 90·3 | 90·3 | 89·7 | 88· |
| | | | | | | | | | | | | | | | | | | BAROD |
| January | 63·3 | 62·3 | 61·2 | 60·4 | 59·7 | 59·4 | 58·9 | 58·7 | 64·1 | 72·5 | 77·4 | 80·7 | 82·9 | 84·3 | 84·9 | 84·7 | 83·0 | 78· |
| February | 63·9 | 62·8 | 61·5 | 60·6 | 59·4 | 58·7 | 58·1 | 58·3 | 67·3 | 74·1 | 79·8 | 83·3 | 85·1 | 87·1 | 88·0 | 88·2 | 87·3 | 84· |
| March | 73·2 | 71·6 | 70·5 | 69·0 | 67·7 | 66·2 | 65·0 | 68·1 | 78·0 | 84·8 | 89·5 | 93·3 | 96·0 | 98·0 | 99·0 | 98·9 | 98·0 | 95· |
| April | 80·7 | 79·2 | 77·6 | 76·0 | 74·4 | 73·1 | 72·6 | 78·1 | 85·1 | 90·3 | 95·3 | 99·0 | 100·6 | 103·4 | 104·4 | 104·6 | 104·0 | 102· |
| May | 83·7 | 82·9 | 82·2 | 81·6 | 81·0 | 80·5 | 80·8 | 84·4 | 87·9 | 91·8 | 95·3 | 98·8 | 101·2 | 103·1 | 104·4 | 104·5 | 103·5 | 100· |
| June | 84·7 | 84·3 | 83·9 | 83·4 | 82·8 | 82·3 | 82·5 | 84·9 | 87·6 | 90·5 | 93·1 | 95·4 | 97·4 | 99·2 | 100·2 | 100·2 | 98·5 | 96· |
| July | 82·4 | 81·8 | 81·3 | 80·7 | 80·5 | 80·1 | 80·2 | 81·9 | 84·4 | 85·6 | 87·4 | 89·0 | 90·6 | 91·3 | 91·7 | 91·3 | 90·2 | 88· |
| August | 79·4 | 79·7 | 79·1 | 78·6 | 78·3 | 77·9 | 78·0 | 79·3 | 80·8 | 82·8 | 84·3 | 86·2 | 87·5 | 88·4 | 88·6 | 88·7 | 87·9 | 86· |
| September | 78·6 | 78·6 | 78·0 | 77·4 | 77·0 | 76·5 | 76·4 | 78·9 | 81·8 | 84·3 | 86·8 | 88·3 | 89·6 | 90·5 | 90·4 | 90·0 | 88·7 | 86· |
| October | 77·7 | 76·9 | 76·2 | 75·5 | 74·9 | 74·2 | 73·7 | 78·3 | 83·9 | 88·1 | 90·5 | 83·8 | 95·7 | 96·9 | 97·3 | 96·2 | 94·3 | 90· |
| November | 70·4 | 69·2 | 68·5 | 67·8 | 67·3 | 66·7 | 66·2 | 68·8 | 76·8 | 82·9 | 86·4 | 88·8 | 90·0 | 90·4 | 90·7 | 89·9 | 88·1 | 83· |
| December | 59·7 | 58·6 | 57·3 | 56·1 | 55·3 | 54·7 | 54·1 | 54·4 | 66·5 | 75·3 | 81·0 | 85·0 | 86·4 | 87·5 | 88·0 | 87·5 | 85·3 | 79· |
| *Year* | 74·8 | 74·0 | 73·1 | 72·3 | 71·5 | 70·9 | 70·5 | 72·8 | 78·7 | 83·6 | 87·2 | 89·3 | 92·0 | 93·3 | 94·0 | 93·7 | 92·4 | 89· |
| | | | | | | | | | | | | | | | | | | NAGP |
| January | 62·0 | 61·2 | 60·5 | 60·1 | 59·9 | 59·6 | 59·2 | 61·0 | 65·1 | 68·0 | 71·1 | 73·1 | 75·2 | 76·2 | 76·5 | 76·2 | 74·6 | 71 |
| February | 67·7 | 66·4 | 65·4 | 64·7 | 63·7 | 63·2 | 62·9 | 66·6 | 72·1 | 75·5 | 80·2 | 81·9 | 83·9 | 85·2 | 85·6 | 85·4 | 84·7 | 81 |
| March | 73·6 | 77·9 | 71·0 | 69·9 | 68·8 | 68·0 | 67·8 | 73·6 | 80·1 | 84·7 | 87·8 | 90·3 | 92·3 | 93·5 | 94·3 | 93·5 | 92·2 | 90 |
| April | 83·8 | 83·0 | 81·4 | 80·2 | 79·5 | 78·5 | 80·4 | 86·2 | 90·2 | 95·1 | 98·1 | 100·5 | 102·4 | 103·4 | 103·3 | 103·2 | 101·8 | 99 |
| May | 90·0 | 89·3 | 88·7 | 87·8 | 87·3 | 86·7 | 90·5 | 94·8 | 99·2 | 103·0 | 105·8 | 108·2 | 109·4 | 110·4 | 111·7 | 109·9 | 109·4 | 107 |
| June | 84·9 | 84·2 | 83·6 | 83·5 | 82·9 | 82·5 | 83·6 | 85·9 | 88·8 | 90·7 | 92·9 | 94·8 | 95·9 | 96·6 | 97·2 | 95·8 | 94·8 | 92 |
| July | 77·1 | 76·7 | 76·5 | 76·5 | 76·3 | 76·9 | 76·9 | 78·4 | 80·6 | 82·6 | 83·3 | 84·3 | 84·7 | 84·9 | 84·4 | 83·5 | 82·5 | 81 |
| August | 77·2 | 76·9 | 76·7 | 76·4 | 76·2 | 76·1 | 76·4 | 78·2 | 80·2 | 79·4 | 81·9 | 80·0 | 83·4 | 83·4 | 83·5 | 83·8 | 82·8 | 84 |
| September | 75·9 | 75·7 | 75·5 | 75·3 | 75·0 | 75·0 | 75·5 | 77·4 | 80·1 | 81·3 | 82·4 | 83·4 | 83·6 | 84·1 | 84·3 | 80·5 | 82·3 | 89 |
| October | 73·8 | 72·9 | 72·3 | 71·7 | 71·1 | 71·0 | 71·2 | 75·6 | 81·4 | 84·5 | 86·9 | 88·7 | 89·7 | 90·0 | 89·5 | 88·6 | 86·4 | 8 |
| November | 70·5 | 70·0 | 69·6 | 69·3 | 68·8 | 68·5 | 68·2 | 70·0 | 73·7 | 75·4 | 78·4 | 79·7 | 80·7 | 81·0 | 80·0 | 79·5 | 77·9 | 76 |
| December | 57·3 | 56·2 | 54·8 | 54·1 | 53·4 | 52·7 | 52·2 | 57·8 | 64·9 | 70·5 | 74·2 | 76·5 | 77·6 | 78·3 | 78·6 | 77·7 | 76·7 | 7 |
| *Year* | 74·5 | 73·7 | 73·0 | 72·5 | 71·9 | 71·6 | 72·1 | 75·5 | 79·7 | 82·5 | 85·3 | 86·8 | 88·2 | 88·9 | 89·1 | 88·1 | 87·2 | 8 |

## atures (°F) at 12 stations for the year 1948.

.T.)

| 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme. Max. | Date. | Min. | Date. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63·9 | 62·9 | 61·7 | 60·7 | 59·9 | 62·4 | 72·0 | 53·7 | 81 | 31 | 45 | 2 | January. |
| 68·3 | 67·0 | 65·9 | 64·6 | 63·8 | 66·5 | 76·9 | 56·9 | 86 | 25 | 43 | 5 | February. |
| 81·8 | 79·3 | 78·2 | 76·9 | 75·5 | 79·0 | 90·6 | 66·6 | 100 | 29 | 51 | 14 | March. |
| 94·2 | 91·5 | 89·2 | 87·5 | 86·4 | 90·2 | 102·1 | 76·7 | 111 | 25 | 68 | 8 | April. |
| 101·3 | 99·0 | 97·2 | 95·5 | 94·4 | 96·8 | 107·7 | 83·7 | 113 | 17 | 79 | 3 | May. |
| 100·7 | 99·2 | 97·9 | 96·4 | 94·8 | 96·0 | 104·6 | 87·0 | 110 | 14 | 77 | 24 | June. |
| 91·3 | 90·7 | 89·3 | 88·5 | 87·7 | 89·3 | 97·0 | 82·7 | 107 | 8 | 74 | 31 | July. |
| 84·4 | 83·6 | 83·0 | 82·3 | 81·7 | 83·3 | 89·9 | 77·9 | 98 | 10 | 75 | 3 | August. |
| 87·7 | 86·3 | 84·9 | 83·8 | 82·8 | 85·7 | 94·8 | 77·6 | 102 | 22 | 74 | 15 | September. |
| 85·3 | 83·3 | 82·4 | 81·2 | 80·0 | 84·5 | 97·0 | 72·7 | 101 | 17 | 62 | 31 | October. |
| 73·5 | 71·8 | 71·1 | 69·5 | 68·0 | 72·6 | 85·8 | 60·6 | 92 | 1 | 53 | 12 | November. |
| 66·4 | 64·7 | 63·9 | 63·0 | 62·4 | 65·7 | 78·9 | 54·7 | 83 | 1 | 49 | 29 | December. |
| 83·3 | 81·6 | 80·4 | 79·2 | 78·1 | 81·0 | 91·4 | 70·9 | 113 | V | 43 | II | *Year.* |
| 70·3 | 68·5 | 66·9 | 65·4 | 64·2 | 70·3 | 86·7 | 58·3 | 95 | 27 | 47 | 4 | January. |
| 72·9 | 69·3 | 68·3 | 66·6 | 65·8 | 72·1 | 89·3 | 57·2 | 100 | 25 | 46 | 6,7 | February. |
| 84·2 | 80·9 | 78·7 | 76·5 | 75·2 | 82·0 | 99·7 | 64·7 | 106 | 25, 27 | 52 | 14 | March. |
| 91·1 | 88·2 | 86·0 | 84·1 | 82·2 | 88·7 | 105·4 | 72·7 | 110 | 10 | 65 | 21 | April. |
| 90·3 | 87·6 | 86·2 | 85·2 | 84·4 | 90·7 | 105·6 | 80·3 | 113 | 26 | 77 | 4 | May. |
| 89·9 | 88·4 | 87·4 | 86·1 | 85·5 | 89·9 | 101·9 | 81·8 | 107 | 14 | 77 | 24 | June. |
| 85·3 | 84·3 | 83·5 | 82·8 | 82·5 | 85·2 | 93·8 | 79·6 | 102 | 7 | 75 | 9 | July. |
| 82·9 | 81·9 | 81·0 | 80·7 | 80·2 | 82·6 | 90·0 | 77·6 | 96 | 11 | 75 | 13 | August. |
| 82·3 | 81·5 | 80·7 | 79·9 | 79·4 | 82·8 | 90·9 | 76·3 | 100 | 21 | 72 | 18 | September. |
| 83·0 | 81·2 | 80·1 | 79·3 | 78·2 | 83·8 | 98·6 | 73·6 | 103 | 19 | 70 | 19 | October. |
| 76·6 | 75·1 | 73·6 | 72·6 | 71·2 | 77·6 | 92·0 | 65·7 | 100 | 1 | 55 | 12 | November. |
| 68·8 | 66·3 | 64·2 | 62·6 | 61·1 | 69·5 | 89·5 | 53·7 | 93 | 24 | 50 | 16 | December. |
| 81·5 | 79·4 | 78·1 | 76·8 | 75·8 | 81·3 | 95·3 | 70·1 | 113 | V | 46 | II | *Year.* |
| 67·9 | 66·0 | 64·9 | 64·1 | 63·0 | 68·4 | 77·1 | 60·6 | 82 | 30 | 50 | 7 | January. |
| *74·8* | *73·2* | 71·6 | 70·4 | *66·8* | *73·9* | *86·2* | *63·3* | 95 | 26 | 53 | 9 | February. |
| 82·1 | 79·6 | 77·5 | 76·2 | 74·7 | 80·8 | 94·4 | 67·2 | 102 | 19 | 56 | 15 | March. |
| 92·7 | 90·7 | *86·0* | *83·7* | *82·9* | *89·5* | *104·1* | *78·5* | 108 | 15 | 67 | 2 | April. |
| 99·3 | 96·9 | 94·9 | 93·5 | 91·3 | 98·1 | 111·8 | 83·7 | 116 | 15 | 79 | 13 | May. |
| 89·1 | 88·3 | 87·0 | 86·1 | 85·1 | 88·6 | 99·4 | 81·7 | 111 | 7 | 73 | 29 | June. |
| 79·7 | 75·8 | 78·5 | 78·0 | 77·7 | 78·8 | 86·5 | 75·4 | 98 | 6 | 71 | 14 | July. |
| 79·5 | 78·7 | 78·4 | 65·0 | 77·0 | 79·4 | 85·1 | 75·8 | 92 | 3 | 72 | 28 | August. |
| 78·3 | 77·6 | 77·0 | 76·5 | 76·2 | 78·9 | 85·6 | 74·5 | 92 | 17 | 70 | 6 | September. |
| 79·2 | 78·2 | 76·5 | 75·8 | 74·7 | *79·2* | *91·1* | *70·6* | 94 | 29 | 63 | 28 | October. |
| 73·1 | 72·4 | 71·4 | 70·8 | 70·2 | *73·7* | *81·6* | *67·9* | 88 | 7 | 57 | 30 | November. |
| *65·7* | *63·7* | *61·6* | *59·7* | *58·4* | *65·1* | *78·9* | *51·8* | 83 | 28 | 47 | 14 | December. |
| 80·1 | 78·4 | 77·1 | 75·0 | 74·8 | 79·5 | 90·1 | 70·9 | 116 | V | 47 | XII | *Year.* |

Figures in italics are means of data which are not available for a complete month.

# Table XI.—Mean hourly and extreme dry bu

(*Readings at ex*

| Hours (I. S. T.) Month. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | B |
| January | 72·2 | 71·7 | 71·5 | 71·1 | 71·1 | 70·9 | 70·7 | 72·1 | 74·1 | 75·8 | 77·5 | 78·9 | 79·7 | 79·9 | 79·8 | 79·1 | 77·7 | 7 |
| February | 73·9 | 73·4 | 73·0 | 72·8 | 72·5 | 72·1 | 72·1 | 73·8 | 76·0 | 78·1 | 79·9 | 81·1 | 81·7 | 82·1 | 81·9 | 81·3 | 80·0 | 7 |
| March | 77·9 | 77·3 | 76·9 | 76·7 | 76·3 | 75·9 | 76·2 | 78·6 | 80·7 | 82·7 | 84·3 | 85·5 | 86·0 | 86·3 | 86·2 | 85·5 | 84·0 | 8 |
| April | 81·9 | 80·9 | 80·6 | 80·3 | 80·0 | 79·7 | 80·8 | 82·9 | 84·7 | 86·0 | 87·0 | 87·6 | 88·2 | 88·5 | 88·3 | 87·9 | 86·7 | 8 |
| May | 83·7 | 83·5 | 83·3 | 83·2 | 82·9 | 83·0 | 84·0 | 85·6 | 86·9 | 88·3 | 89·1 | 89·8 | 90·1 | 90·3 | 90·3 | 89·8 | 88·6 | 8 |
| June | 83·2 | 83·0 | 82·8 | 82·7 | 82·5 | 82·5 | 82·9 | 83·8 | 84·9 | 86·0 | 86·5 | 87·0 | 87·0 | 87·1 | 87·0 | 86·4 | 85·7 | 8 |
| July | 81·4 | 81·3 | 81·1 | 81·0 | 80·9 | 81·0 | 81·2 | 81·6 | 82·1 | 82·6 | 83·1 | 83·1 | 83·2 | 83·0 | 83·2 | 82·7 | 82·4 | 8 |
| August | 79·9 | 79·8 | 79·6 | 79·4 | 79·4 | 79·3 | 79·4 | 80·3 | 80·9 | 81·8 | 82·6 | 82·5 | 82·7 | 82·9 | 82·8 | 82·3 | 81·8 | 8 |
| September | 78·5 | 78·4 | 78·2 | 78·2 | 78·0 | 77·9 | 78·1 | 78·9 | 80·0 | 80·7 | 81·6 | 82·1 | 82·2 | 82·4 | 82·2 | 81·8 | 81·1 | 8 |
| October | 79·1 | 78·8 | 78·7 | 78·6 | 78·4 | 78·3 | 78·9 | 80·4 | 81·8 | 83·0 | 84·0 | 84·7 | 85·4 | 85·7 | 85·2 | 84·6 | 83·3 | 8 |
| November | 79·2 | 78·7 | 78·5 | 78·2 | 78·0 | 77·7 | 78·3 | 80·2 | 82·0 | 83·3 | 84·7 | 85·6 | 86·2 | 86·3 | 85·8 | 84·8 | 83·3 | 8 |
| December | 74·5 | 74·0 | 73·6 | 73·3 | 72·9 | 72·4 | 72·6 | 74·4 | 76·1 | 78·0 | 79·8 | 81·6 | 82·9 | 84·0 | 83·8 | 82·3 | 80·7 | 7 |
| *Year* | 78·7 | 78·4 | 78·1 | 78·0 | 77·7 | 77·5 | 77·9 | 79·4 | 80·9 | 82·2 | 83·3 | 84·1 | 84·6 | 84·9 | 84·7 | 84·0 | 82·9 | 8 |
| | | | | | | | | | | | | | | | | | | P |
| January | 65·2 | 63·9 | 63·0 | 62·2 | 61·3 | 60·6 | 60·2 | 60·2 | 65·7 | 71·7 | 77·0 | 80·9 | 81·9 | 84·3 | 84·9 | 85·1 | 83·2 | 8 |
| February | 64·8 | 63·4 | 62·1 | 61·0 | 59·9 | 58·9 | 58·1 | 59·5 | 68·9 | 73·8 | 81·2 | 85·6 | 87·9 | 89·1 | 90·1 | 89·8 | 87·8 | 8 |
| March | 71·4 | 69·5 | 67·5 | 66·2 | 64·8 | 60·1 | 62·5 | 64·9 | 75·2 | 84·3 | 87·4 | 93·0 | 95·2 | 97·0 | 97·2 | 97·1 | 96·2 | 9 |
| April | 77·5 | 75·9 | 74·7 | 73·8 | 72·7 | 71·7 | 70·6 | 75·2 | 83·5 | 88·9 | 93·3 | 97·2 | 99·3 | 100·7 | 100·8 | 99·5 | 98·0 | 9 |
| May | 77·4 | 76·6 | 75·9 | 75·5 | 74·9 | 74·3 | 75·2 | 79·2 | 83·6 | 87·2 | 91·7 | 95·0 | 96·9 | 98·1 | 98·5 | 97·7 | 95·7 | 9 |
| June | 76·0 | 75·6 | 75·3 | 75·1 | 74·8 | 74·7 | 75·3 | 77·9 | 80·6 | 82·8 | 85·0 | 86·9 | 88·7 | 88·6 | 87·8 | 86·8 | 84·5 | 8 |
| July | 73·7 | 73·5 | 73·4 | 73·3 | 73·2 | 73·2 | 73·3 | 74·9 | 74·9 | 78·6 | 80·5 | 81·3 | 81·3 | 81·0 | 80·7 | 79·6 | 79·0 | 7 |
| August | 72·6 | 72·4 | 72·2 | 71·9 | 71·7 | 71·5 | 71·6 | 73·6 | 76·3 | 77·6 | 79·3 | 80·1 | 80·8 | 80·8 | 80·5 | 79·8 | 78·7 | 7 |
| September | 71·7 | 71·2 | 70·8 | 70·5 | 70·4 | 70·2 | 70·2 | 72·4 | 75·6 | 77·8 | 79·8 | 81·0 | 82·2 | 82·5 | 82·0 | 80·8 | 79·3 | 7 |
| October | 71·8 | 71·4 | 70·7 | 70·4 | 70·0 | 69·3 | 69·2 | 71·4 | 76·5 | 80·5 | 83·6 | 86·0 | 87·4 | 88·5 | 87·5 | 86·3 | 84·3 | 8 |
| November | 70·4 | 69·9 | 69·5 | 69·1 | 68·7 | 68·5 | 68·3 | 69·3 | 73·5 | 76·6 | 79·2 | 80·9 | 82·6 | 83·4 | 83·3 | 81·7 | 80·0 | 7 |
| December | 58·9 | 57·7 | 56·7 | 55·7 | 54·9 | 54·0 | 53·2 | 54·0 | 62·0 | 69·2 | 75·0 | 78·9 | 80·8 | 81·8 | 82·3 | 82·1 | 79·9 | 7 |
| *Year* | 70·9 | 70·0 | 69·3 | 68·7 | 68·1 | 67·3 | 67·3 | 69·4 | 74·7 | 79·1 | 82·7 | 85·6 | 87·1 | 88·0 | 88·0 | 87·2 | 85·5 | 8 |
| | | | | | | | | | | | | | | | | | | KO |
| January | *49·7* | *49·4* | *49·2* | *48·9* | *48·7* | *48·5* | *48·4* | *50·1* | 50·4 | 56·3 | 58·3 | 58·7 | 59·0 | 58·6 | 57·8 | 56·8 | 55·5 | |
| February | 51·0 | 50·9 | 50·6 | 50·7 | 50·5 | 50·4 | 50·4 | 52·3 | 55·3 | 57·9 | 59·9 | 60·9 | 61·5 | 61·2 | 61·2 | 60·1 | 59·1 | 5 |
| March | 53·1 | 52·6 | 52·3 | 51·9 | 51·8 | 51·7 | 52·2 | 54·9 | 58·3 | 60·6 | 63·0 | 64·9 | 64·4 | 63·8 | 63·6 | 62·5 | 61·0 | |
| April | 56·1 | 55·7 | 55·3 | 55·1 | 55·1 | 55·2 | 55·9 | 58·3 | 62·3 | 64·9 | 66·9 | 67·5 | 67·1 | 65·8 | 64·5 | 63·2 | 62·1 | |
| May | 58·0 | 57·7 | 57·9 | 57·9 | 57·9 | 58·2 | 59·2 | 60·9 | 64·9 | 66·4 | 67·7 | 68·1 | 68·1 | 67·1 | 65·3 | 64·1 | 63·2 | |
| June | 56·4 | 56·5 | 56·3 | 56·1 | 56·0 | 56·0 | 56·7 | 58·1 | *60·0* | 60·9 | 61·8 | 62·1 | 62·2 | 61·4 | 60·5 | 59·6 | 58·8 | |
| July | 54·4 | 54·4 | 54·6 | 54·5 | 54·6 | 54·7 | 55·3 | 56·6 | 58·6 | 59·6 | 60·5 | 60·7 | 60·9 | 60·6 | 59·5 | 59·1 | 57·9 | |
| August | 54·1 | 53·9 | 53·8 | 53·8 | 54·0 | 54·0 | 54·5 | 55·4 | 57·5 | 58·6 | 59·9 | 60·1 | 60·3 | 61·8 | 59·7 | 59·1 | 58·1 | |
| September | 54·2 | 53·9 | 53·9 | 53·8 | 53·8 | 53·6 | 54·0 | 55·6 | 56·6 | 60·5 | 61·8 | 61·9 | 62·3 | 61·6 | 62·0 | 60·4 | 59·5 | |
| October | 53·2 | 52·7 | 52·5 | 52·2 | 52·1 | 52·1 | 52·4 | 53·9 | 56·9 | 58·9 | 59·8 | 60·0 | 60·4 | 60·3 | 60·1 | 58·9 | 57·8 | |
| November | 52·0 | 51·7 | 51·3 | 51·2 | 51·1 | 51·2 | 51·5 | 53·5 | 55·6 | 57·3 | 58·4 | 59·0 | 59·0 | 59·0 | 59·1 | 58·2 | 56·8 | |
| December | 50·5 | 50·6 | 50·5 | 50·3 | 50·3 | 50·2 | 50·4 | 51·7 | 55·2 | 57·2 | 58·3 | 58·6 | 58·8 | 58·6 | 57·6 | 56·7 | 55·5 | |
| *Year* | 56·6 | 53·3 | 53·2 | 53·0 | 53·0 | 53·0 | 52·6 | 55·1 | 57·6 | 59·9 | 61·3 | 61·9 | 62·0 | 61·7 | *60·9* | *59·9* | 56·6 | |

* Hours in th

Figures in italics are means of data

## ratures °F at 12 stations for the year 1948—*contd.*
*S.T.*)

| | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of. Max. | Mean of. Min. | Extreme. Max. | Extreme. Date. | Extreme. Min. | Extreme. Date. | Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | 75·0 | 74·5 | 73·9 | 73·1 | 73·9 | 74·8 | 80·6 | 70·2 | 85 | 6 | 64 | 5 | January. |
| 9 | 76·5 | 76·1 | 75·4 | 74·8 | 73·6 | 76·5 | 82·9 | 71·6 | 89 | 25 | 65 | 7 | February. |
| 1 | 80·6 | 80·1 | 79·4 | 78·8 | 78·1 | 80·7 | 86·8 | 75·6 | 91 | 1 | 71 | 14 | March. |
| 6 | 83·1 | 82·6 | 82·3 | 82·0 | 81·0 | 83·8 | 89·0 | 79·6 | 92 | 15 | 77 | 1 | April. |
| 7 | 85·2 | 84·9 | 84·6 | 84·4 | 83·0 | 86·1 | 90·8 | 82·7 | 92 | 30 | 80 | 1 | May. |
| 3 | 84·1 | 83·9 | 83·7 | 83·5 | 82·0 | 84·5 | 88·6 | 81·5 | 93 | 6 | 77 | 25 | June. |
| 0 | 81·8 | 81·7 | 81·7 | 81·6 | 81·5 | 82·0 | 84·5 | 79·6 | 89 | 6 | 75 | 17 | July. |
| 7 | 80·6 | 80·5 | 80·3 | 79·9 | 80·1 | 80·9 | 83·8 | 78·3 | 87 | 4 | 76 | 14, 15 | August. |
| 8 | 79·4 | 79·2 | 78·9 | 78·7 | 78·9 | 79·8 | 83·2 | 77·0 | 87 | 13 | 73 | 24 | September. |
| 3 | 80·8 | 80·5 | 80·2 | 79·8 | 79·7 | 81·4 | 86·2 | 78·1 | 95 | 19 | 76 | 13 | October. |
| 5 | 81·2 | 80·7 | 80·2 | 79·7 | 76·2 | 81·3 | 86·8 | 77·4 | 92 | 15 | 73 | 29 | November. |
| 0 | 77·4 | 76·7 | 76·0 | 75·1 | 72·7 | 77·1 | 84·4 | 72·1 | 89 | 8 | 69 | 17, 29 | December. |
| 9 | 80·5 | 80·1 | 79·7 | 79·3 | 78·4 | 80·7 | 85·6 | 78·0 | 95 | X | 64 | I | *Year.* |
| 1 | 73·5 | 71·4 | 69·5 | 67·7 | 66·4 | 71·5 | 87·2 | 59·3 | 93 | 30 | 49 | 6 | January |
| 8 | 76·5 | 74·2 | 71·5 | 69·0 | 66·9 | 73·6 | 92·1 | 57·8 | 101 | 5 | 48 | 7 | February. |
| 0 | 84·2 | 82·2 | 77·7 | 74·5 | 73·8 | 80·1 | 99·5 | 62·4 | 104 | 21 | 52 | 15 | March. |
| 4 | 87·3 | 85·0 | 83·1 | 80·1 | 79·3 | 85·6 | 102·6 | 70·8 | 108 | 9 | 63 | 19 | April. |
| 0 | 84·9 | 82·4 | 80·9 | 79·5 | 78·4 | 84·9 | 99·7 | 74·1 | 105 | 13 | 71 | 1 | May. |
| 0 | 78·7 | 77·8 | 77·2 | 76·7 | 76·4 | 80·2 | 90·7 | 74·2 | 101 | 6 | 70 | 25 | June. |
| 2 | 75·2 | 74·6 | 74·3 | 74·1 | 73·9 | 76·5 | 83·1 | 72·4 | 89 | 6 | 69 | 16 | July. |
| 7 | 74·7 | 74·1 | 73·7 | 73·4 | 72·9 | 75·5 | 82·6 | 71·3 | 88 | 6 | 69 | 30 | August. |
| 3 | 74·2 | 73·5 | 72·9 | 72·4 | 72·0 | 75·2 | 83·9 | 69·8 | 89 | 14 | 66 | 19 | September. |
| 5 | 76·6 | 75·7 | 74·3 | 73·4 | 72·6 | 77·4 | 90·4 | 69·0 | 95 | 31 | 63 | 31 | October. |
| 3 | 74·3 | 73·3 | 72·1 | 71·2 | 70·6 | 74·6 | 85·5 | 68·1 | 95 | 1 | 62 | 30 | November. |
| 3 | 67·3 | 64·9 | 63·0 | 61·2 | 59·9 | 66·7 | 83·7 | 53·1 | 88 | 30 | 45 | 16 | December. |
| 5 | 77·3 | 75·8 | 74·2 | 72·8 | 71·9 | 75·1 | 90·7 | 66·9 | 108 | IV | 45 | XII | *Year.* |
| 0 | 51·3 | 51·0 | 50·7 | 50·4 | 50·2 | *52·6* | *60·1* | *47·9* | 65 | 14 | 43 | 28 | January. |
| 5 | 53·1 | 52·4 | 51·8 | 51·5 | 51·3 | 54·9 | 63·8 | 48·1 | 67 | 23 | 41 | 20 | February. |
| 5 | 55·0 | 54·2 | 54·0 | 53·6 | 53·3 | 57·0 | 66·7 | 50·3 | 71 | 21 | 45 | 1 | March. |
| 1 | 57·5 | 57·2 | 56·7 | 56·8 | 56·4 | 59·8 | 69·0 | 53·3 | 72 | 15 | 50 | 27 | April. |
| 9 | 59·3 | 59·1 | 58·7 | 58·7 | 58·5 | 61·6 | 70·6 | 55·7 | 74 | 16 | 51 | 5 | May. |
| 9 | 56·5 | 56·3 | 56·4 | 56·2 | 56·1 | *58·1* | *64·8* | *54·6* | 71 | 1 | 52 | 24 | June. |
| 3 | 55·4 | 55·2 | 55·1 | 55·1 | 54·7 | 56·9 | 63·6 | 52·4 | 68 | 11 | 49 | 22 | July. |
| 1 | 54·7 | 54·5 | 54·5 | 54·5 | 54·3 | 56·4 | 62·6 | 53·6 | 65 | 28 | 50 | 1 | August. |
| 3 | 55·2 | 55·0 | 54·9 | 54·8 | 54·4 | 56·9 | 63·6 | 53·3 | 66 | 28 | 51 | 27 | September. |
| 5 | 54·2 | 54·1 | 53·7 | 53·6 | 53·3 | 55·6 | 61·4 | 51·7 | 69 | 14 | 48 | 26 | October. |
| 3 | 53·4 | 53·1 | 52·9 | 52·6 | 52·2 | 54·6 | 60·4 | 50·6 | 64 | 2 | 45 | 26 | November. |
| 9 | 51·0 | 50·9 | 50·7 | 50·4 | 50·5 | 53·3 | 59·7 | 45·4 | 64 | 13 | 44 | 21 | December. |
| 5 | 54·7 | 54·4 | 54·2 | 54·0 | 53·8 | 56·5 | 63·9 | 51·4 | 74 | V | 41 | II | *Year.* |

I. T.
able for a complete month.

# XIA—Frequency of the number of hours when temperature was within specified limits at 12 Stations for the year 1948.

| Month/Temperature °F | 35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Calcutta.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | 3 | 129 | 189 | 149 | 142 | 108 | 23 | .. | .. | .. | .. | .. | .. | .. | |
| February | .. | .. | .. | .. | 6 | 34 | 82 | 180 | 156 | 114 | 72 | 45 | 7 | .. | .. | .. | .. | .. | |
| March | .. | .. | .. | .. | .. | 8 | 32 | 92 | 139 | 162 | 95 | 118 | 77 | 15 | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | 29 | 165 | 238 | 109 | 145 | 24 | .. | .. | .. | .. | |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 142 | 212 | 189 | 160 | 16 | .. | .. | .. | .. | |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 97 | 301 | 171 | 89 | 60 | .. | .. | .. | .. | |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 109 | 433 | 153 | 49 | .. | .. | .. | .. | .. | |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | 137 | 444 | 151 | 12 | .. | .. | .. | .. | .. | |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 216 | 351 | 125 | 28 | .. | .. | .. | .. | .. | |
| October | .. | .. | .. | .. | .. | .. | .. | 41 | 78 | 291 | 186 | 125 | 28 | .. | .. | .. | .. | .. | |
| November | .. | .. | .. | .. | .. | .. | 34 | 185 | 159 | 203 | 98 | 36 | 2 | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | .. | 15 | 188 | 201 | 99 | 155 | 80 | 6 | .. | .. | .. | .. | .. | .. | .. | |
| *Year* | .. | .. | .. | .. | 24 | 359 | 538 | 746 | 385 | 1824 | 2459 | 1222 | 597 | 115 | .. | .. | .. | .. | |
| ***Saugor Island.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | 4 | 196 | 220 | 244 | 75 | 5 | .. | .. | .. | .. | .. | .. | .. | |
| February | .. | .. | .. | .. | .. | 20 | 52 | 138 | 261 | 190 | 34 | 1 | .. | .. | .. | .. | .. | .. | |
| March | .. | .. | .. | .. | .. | 1 | 13 | 51 | 132 | 308 | 206 | 26 | 2 | .. | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | 3 | 7 | 85 | 549 | 67 | .. | .. | .. | .. | .. | .. | |
| May | .. | .. | .. | .. | .. | .. | .. | 3 | 7 | 58 | 413 | 263 | .. | .. | .. | .. | .. | .. | |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 85 | 182 | 399 | 1 | .. | .. | .. | .. | .. | |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 56 | 624 | 64 | .. | .. | .. | .. | .. | .. | |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | 57 | 537 | 15 | .. | .. | .. | .. | .. | .. | |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 127 | 483 | 26 | .. | .. | .. | .. | .. | .. | |
| October | .. | .. | .. | .. | .. | .. | .. | .. | 33 | 186 | 422 | 72 | .. | .. | .. | .. | .. | .. | |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| *Year* | .. | .. | .. | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | . | .. | .. | .. | |
| ***Jamshedpur.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | 14 | 159 | 184 | 124 | 123 | 120 | 19 | .. | .. | .. | .. | .. | .. | .. | |
| February | .. | .. | . | 1 | 26 | 48 | 118 | 164 | 120 | 106 | 66 | 41 | 6 | .. | .. | .. | .. | .. | |
| March | .. | .. | .. | .. | .. | 28 | 35 | 99 | 130 | 119 | 105 | 91 | 68 | 45 | .. | .. | .. | .. | |
| April | .. | .. | .. | .. | .. | .. | .. | .. | 42 | 80 | 172 | 109 | 90 | 115 | 86 | 26 | .. | .. | |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 114 | 182 | 125 | 114 | 82 | 58 | 29 | 16 | .. | |
| June | .. | .. | .. | .. | .. | .. | . | .. | .. | 89 | 226 | 177 | 99 | 49 | 32 | 45 | .. | .. | |
| July | .. | .. | .. | .. | .. | .. | .. | .. | | 188 | 362 | 149 | 45 | .. | .. | .. | .. | .. | |
| August | .. | .. | .. | .. | .. | .. | | .. | .. | 224 | 369 | 149 | 2 | .. | .. | .. | .. | .. | |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 351 | 232 | 110 | 4 | .. | .. | .. | .. | |
| October | .. | .. | .. | .. | .. | .. | 15 | 62 | 133 | 254 | 185 | 89 | 6 | .. | .. | .. | .. | .. | |
| November | .. | .. | .. | .. | .. | 5 | 74 | 152 | 190 | 200 | 80 | 19 | .. | .. | .. | .. | .. | .. | |
| December | .. | .. | .. | 1 | 100 | 155 | 208 | 94 | 155 | 41 | .. | .. | .. | .. | .. | .. | .. | .. | |
| *Year* | .. | .. | .. | 2 | 140 | 395 | 634 | 695 | 893 | 1538 | 2117 | 1181 | 540 | 295 | 176 | 100 | 16 | .. | |

* Data not available.

## Table XIA—Frequency of the number of hours when temperature was within specified limits at 12 Stations for the year 1948—*contd.*

| emperature °F | <35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120°F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | |
| *Gaya.* | | | | | | | | | | | | | | | | | | | |
| . . | .. | .. | .. | .. | 28 | 216 | 162 | 143 | 121 | 40 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | 5 | 42 | 88 | 119 | 119 | 101 | 89 | 43 | 11 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | 2 | 37 | 51 | 105 | 132 | 120 | 103 | 68 | 86 | 29 | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | 6 | 29 | 80 | 119 | 110 | 100 | 97 | 116 | 21 | 1 | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 95 | 140 | 138 | 115 | 90 | 88 | 41 | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 124 | 154 | 179 | 82 | 76 | 55 | 35 | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 186 | 337 | 181 | 39 | 1 | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 40 | 135 | 373 | 171 | 23 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 25 | 221 | 298 | 165 | 11 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | 10 | 50 | 149 | 262 | 200 | 73 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | 53 | 106 | 180 | 182 | 143 | 39 | 5 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | 32 | 167 | 153 | 113 | 102 | 147 | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | 37 | 239 | 547 | 561 | 705 | 926 | 1326 | 1731 | 1078 | 576 | 324 | 282 | 164 | 77 | .. | .. |
| *Allahabad (Bamrauli.)* | | | | | | | | | | | | | | | | | | | |
| . . | .. | .. | .. | 16 | 109 | 172 | 197 | 114 | 100 | 35 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | 2 | 29 | 62 | 113 | 144 | 113 | 97 | 86 | 40 | 8 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | 4 | 35 | 65 | 90 | 122 | 98 | 87 | 89 | 68 | 25 | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | 6 | 44 | 71 | 86 | 98 | 87 | 98 | 113 | 39 | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 14 | 69 | 137 | 116 | 100 | 91 | 103 | 60 | 2 | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 33 | 72 | 92 | 144 | 126 | 87 | 103 | 15 | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 227 | 394 | 154 | 48 | 5 | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 272 | 332 | 135 | 4 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 24 | 295 | 252 | 123 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | 3 | 47 | 128 | 239 | 149 | 148 | 23 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | 7 | 87 | 162 | 151 | 125 | 82 | 70 | 5 | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | 36 | 151 | 178 | 111 | 98 | 150 | 18 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | 2 | 81 | 333 | 585 | 682 | 619 | 801 | 1470 | 1461 | 989 | 490 | 354 | 291 | 245 | 75 | 2 | .. |
| *New Delhi.* | | | | | | | | | | | | | | | | | | | |
| . . | .. | .. | 17 | 60 | 201 | 160 | 132 | 101 | 42 | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | 16 | 54 | 90 | 141 | 152 | 107 | 117 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | 25 | 54 | 154 | 152 | 116 | 107 | 73 | 42 | 21 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | 2 | 22 | 57 | 92 | 104 | 119 | 122 | 94 | 70 | 24 | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 23 | 107 | 160 | 118 | 83 | 147 | 80 | 12 | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 36 | 114 | 146 | 179 | 140 | 99 | 2 | .. | .. |
| . | .. | .. | .. | .. | .. | .. | .. | .. | .. | 105 | 172 | 119 | 56 | 29 | 15 | 9 | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 186 | 312 | 156 | 38 | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | .. | .. | .. | 39 | 210 | 202 | 130 | 114 | 10 | .. | .. | .. | .. | .. |
| . . | .. | .. | .. | .. | .. | 3 | 43 | 62 | 127 | 185 | 111 | 131 | 79 | 3 | .. | .. | .. | .. | .. |
| . . | .. | .. | 2 | 42 | 128 | 131 | 97 | 81 | 82 | 114 | 43 | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | 37 | 158 | 143 | 97 | 88 | 108 | 95 | 14 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| . . | .. | .. | 72 | 314 | 587 | 586 | 668 | 633 | 690 | 1059 | 1161 | 971 | 694 | 398 | 372 | 212 | 14 | .. | .. |

## Table XIA—Frequency of the number of hours when temperature was within specified limits at 12 Stations for the year 1948—*contd.*

| Month/Temperature °F | <35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Jodhpur.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | 1 | 23 | 98 | 194 | 186 | 128 | 90 | 21 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 2 | 19 | 44 | 86 | 190 | 119 | 112 | 94 | 24 | 1 | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 7 | 12 | 30 | 102 | 134 | 143 | 96 | 99 | 68 | 41 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | 2 | 30 | 72 | 121 | 138 | 114 | 123 | 75 | 21 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 70 | 119 | 142 | 126 | 132 | 114 | 25 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 36 | 113 | 173 | 184 | 160 | 45 | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 89 | 156 | 183 | 146 | 127 | 34 | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 256 | 268 | 154 | 46 | 8 | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 143 | 216 | 162 | 121 | 33 | 2 | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 9 | 35 | 62 | 171 | 138 | 116 | 134 | 79 | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | 5 | 50 | 147 | 142 | 102 | 99 | 131 | 42 | 2 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | 1 | 58 | 196 | 145 | 125 | 106 | 87 | 26 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 3 | 43 | 212 | 538 | 698 | 653 | 672 | 1386 | 1282 | 1127 | 946 | 713 | 403 | 180 | 25 | .. | .. |
| ***Baroda.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | 17 | 45 | 77 | 125 | 131 | 96 | 95 | 70 | 56 | 15 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 27 | 43 | 64 | 78 | 92 | 88 | 76 | 67 | 77 | 35 | 10 | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 8 | 16 | 36 | 96 | 115 | 97 | 83 | 75 | 71 | 85 | 60 | 2 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | 21 | 75 | 108 | 122 | 87 | 61 | 76 | 123 | 40 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 44 | 263 | 123 | 80 | 90 | 93 | 47 | 4 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 32 | 204 | 189 | 112 | 124 | 58 | 1 | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 150 | 295 | 160 | 80 | 36 | 3 | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 288 | 237 | 141 | 50 | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 44 | 270 | 185 | 125 | 77 | 14 | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | 2 | 121 | 188 | 132 | 74 | 122 | 73 | 14 | .. | .. | .. | .. |
| November | .. | .. | .. | .. | 1 | 26 | 74 | 74 | 165 | 95 | 85 | 87 | 91 | 13 | .. | .. | .. | .. | .. |
| December | .. | .. | .. | 5 | 102 | 124 | 111 | 72 | 49 | 58 | 73 | 131 | 4 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | 49 | 199 | 307 | 424 | 488 | 766 | 1501 | 1816 | 1325 | 807 | 521 | 351 | 96 | 4 | .. | .. |
| ***Nagpur.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | 2 | 30 | 109 | 206 | 171 | 113 | 96 | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 1 | 18 | 38 | 79 | 132 | 124 | 101 | 95 | 59 | 31 | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | 11 | 42 | 88 | 105 | 137 | 93 | 110 | 80 | 73 | 5 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | 13 | 26 | 57 | 107 | 125 | 100 | 108 | 133 | 34 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 40 | 125 | 161 | 99 | 91 | 142 | 30 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 123 | 151 | 137 | 23 | 90 | 41 | 42 | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 125 | 337 | 173 | 73 | 29 | 4 | .. | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 101 | 390 | 171 | 76 | 6 | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 174 | 320 | 140 | 84 | 2 | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 13 | 40 | 203 | 152 | 134 | 143 | 56 | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | 13 | 42 | 143 | 267 | 143 | 81 | 17 | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | 20 | 135 | 136 | 93 | 89 | 111 | 111 | 31 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | 23 | 196 | 336 | 576 | 800 | 1238 | 1907 | 1169 | 932 | 488 | 374 | 270 | 218 | 80 | .. | .. |

## Table XIA—Frequency of the number of hours when temperature was within specified limits at 12 Stations for the year 1948—*contd.*

| Month/Temperature °F | 35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Bombay.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | 8 | 89 | 346 | 239 | 62 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | 1 | 50 | 243 | 264 | 118 | 20 | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | 45 | 342 | 257 | 97 | 3 | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | 107 | 365 | 239 | 9 | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 391 | 304 | 48 | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 92 | 369 | 197 | 62 | .. | .. | .. | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 145 | 531 | 61 | 7 | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | 325 | 385 | 20 | 14 | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 38 | 426 | 247 | 9 | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | 345 | 328 | 68 | 3 | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 246 | 301 | 78 | 4 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | 8 | 287 | 279 | 152 | 18 | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | .. | .. | .. | .. | 9 | 147 | 937 | 2423 | 3685 | 1349 | 159 | .. | .. | .. | .. | .. | .. |
| ***Poona.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | .. | 2 | 21 | 75 | 139 | 134 | 114 | 88 | 89 | 78 | 4 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 8 | 42 | 70 | 100 | 78 | 91 | 76 | 86 | 65 | 57 | 22 | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 8 | 18 | 71 | 112 | 88 | 67 | 75 | 76 | 105 | 104 | 13 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | 2 | 41 | 115 | 106 | 120 | 74 | 78 | 132 | 48 | 4 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 115 | 199 | 112 | 82 | 102 | 110 | 24 | .. | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 197 | 258 | 118 | 67 | 60 | 20 | .. | .. | .. | | .. |
| July | .. | .. | .. | .. | .. | .. | .. | 10 | 371 | 239 | 98 | 25 | .. | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | 17 | 424 | 193 | 99 | 6 | .. | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | 87 | 356 | 142 | 119 | 74 | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 7 | 116 | 235 | 142 | 104 | 114 | 35 | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | 32 | 197 | 217 | 127 | 104 | 39 | 4 | .. | .. | .. | .. | .. | .. |
| December | .. | .. | 1 | 32 | 95 | 134 | 118 | 83 | 62 | 108 | 103 | 8 | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | 1 | 42 | 166 | 297 | 469 | 875 | 1685 | 1745 | 1227 | 648 | 435 | 388 | 85 | 4 | .. | .. | .. |
| ***Kodaikanal.*** | | | | | | | | | | | | | | | | | | | |
| January | .. | .. | 14 | 216 | 311 | 149 | 46 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 92 | 320 | 156 | 121 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | 52 | 292 | 153 | 187 | 56 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 107 | 322 | 150 | 134 | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | 22 | 323 | 224 | 130 | 45 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | .. | 105 | 452 | 126 | 36 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | .. | .. | .. | 262 | 352 | 123 | 7 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | .. | 344 | 268 | 132 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | 289 | 247 | 179 | 5 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | 24 | 369 | 237 | 110 | 4 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | 73 | 369 | 207 | 71 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | 3 | 139 | 411 | 127 | 64 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Year | .. | .. | 17 | 596 | 3201 | 2903 | 1533 | 379 | 49 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## Table XIB.—Frequency of days when maximum temperature was within specified limits at 12 Stations for the year 1948.

### CALCUTTA.

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January | 16 | 13 | 2 | .. | .. | .. | .. | .. | .. | .. |
| February | 7 | 12 | 3 | 7 | .. | .. | .. | .. | .. | .. |
| March | 1 | 2 | 7 | 16 | 5 | .. | .. | .. | .. | .. |
| April (C) | .. | .. | .. | 17 | 11 | .. | .. | .. | .. | .. |
| May | .. | 2 | 2 | 20 | 7 | .. | .. | .. | .. | .. |
| June | .. | 2 | 8 | 7 | 13 | .. | .. | .. | .. | .. |
| July | .. | 2 | 14 | 14 | 1 | .. | .. | .. | .. | .. |
| August | .. | 3 | 19 | 9 | .. | .. | .. | .. | .. | .. |
| September | .. | 5 | 14 | 11 | .. | .. | .. | .. | .. | .. |
| October | .. | 2 | 17 | 11 | 1 | .. | .. | .. | .. | .. |
| November | 7 | 8 | 13 | 2 | .. | .. | .. | .. | .. | .. |
| December | 27 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 58 | 55 | 99 | 114 | 38 | .. | .. | .. | .. | .. |

### GAYA.

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February(*d*) | 16 | 7 | 4 | .. | .. | .. | .. | .. | .. | .. |
| March(*c*) | .. | 5 | 4 | 9 | 8 | 2 | .. | .. | .. | .. |
| April(*i*) | .. | .. | .. | .. | 2 | 12 | 8 | .. | .. | .. |
| May(*a*) | .. | .. | .. | .. | 3 | 6 | 7 | 13 | 1 | .. |
| June | .. | .. | 3 | 2 | 6 | 2 | 9 | 7 | 1 | .. |
| July | .. | 1 | 16 | 13 | 1 | .. | .. | .. | .. | .. |
| August | 3 | 2 | 14 | 12 | .. | .. | .. | .. | .. | .. |
| September | 2 | 1 | 18 | 9 | .. | .. | .. | .. | .. | .. |
| October | .. | 12 | 19 | .. | .. | .. | .. | .. | .. | .. |
| November | 17 | 12 | 1 | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 100 | 40 | 79 | 45 | 20 | 22 | 24 | 20 | 2 | .. |

### SAUGOR ISLAND.

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 21 | 7 | 1 | .. | .. | .. | .. | .. | .. | .. |
| March | 3 | 20 | 8 | .. | .. | .. | .. | .. | .. | .. |
| April (*b*) | .. | 8 | 21 | .. | .. | .. | .. | .. | .. | .. |
| May | .. | 2 | 28 | 1 | .. | .. | .. | .. | .. | .. |
| June(*e*) | 8 | 5 | 12 | 1 | .. | .. | .. | .. | .. | .. |
| July | .. | 19 | 12 | .. | .. | .. | .. | .. | .. | .. |
| August(*k*) | 2 | 13 | 5 | .. | .. | .. | .. | .. | .. | .. |
| September(*g*) | .. | 12 | 11 | 1 | .. | .. | .. | .. | .. | .. |
| October(*c*) | .. | 12 | 16 | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

### ALLAHABAD (BAMROULI).

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 18 | 9 | 2 | .. | .. | .. | .. | .. | .. | .. |
| March(*d*) | .. | 4 | 5 | 12 | 6 | .. | .. | .. | .. | .. |
| April(*e*) | .. | .. | .. | .. | 5 | 9 | 10 | 2 | .. | .. |
| May | .. | .. | .. | .. | 1 | 6 | 5 | 18 | 1 | .. |
| June(*c*) | .. | 2 | 2 | .. | 1 | 6 | 8 | 9 | .. | .. |
| July | .. | 6 | 15 | 8 | 2 | .. | .. | .. | .. | .. |
| August | 1 | 2 | 26 | 2 | .. | .. | .. | .. | .. | .. |
| September(*b*) | 2 | 5 | 21 | 1 | .. | .. | .. | .. | .. | .. |
| October(*a*) | .. | 4 | 18 | 8 | .. | .. | .. | .. | .. | .. |
| November(*c*) | 11 | 15 | 2 | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 94 | 47 | 91 | 31 | 15 | 21 | 23 | 20 | 1 | .. |

### JAMSHEDPUR.

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January | 21 | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 8 | 14 | 6 | 1 | .. | .. | .. | .. | .. | .. |
| March(*a*) | 1 | 3 | 6 | 5 | 15 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 5 | 12 | 13 | .. | .. | .. |
| May(*b*) | .. | .. | .. | 3 | 7 | 9 | 4 | 6 | .. | .. |
| June(*b*) | 1 | .. | 7 | 5 | 2 | 5 | 8 | 1 | .. | .. |
| July | .. | 3 | 14 | 14 | .. | .. | .. | .. | .. | .. |
| August | .. | 2 | 22 | 7 | .. | .. | .. | .. | .. | .. |
| September(*b*) | .. | 5 | 20 | 4 | .. | .. | .. | .. | .. | .. |
| October | .. | 5 | 24 | 2 | .. | .. | .. | .. | .. | .. |
| November | 16 | 9 | 5 | .. | .. | .. | .. | .. | .. | .. |
| December | 29 | 2 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 76 | 53 | 86 | 41 | 29 | 26 | 25 | 7 | .. | .. |

### NEW DELHI.

| Maximum Temperature °F. Month. | ≤80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | >120 |
|---|---|---|---|---|---|---|---|---|---|---|
| January(*b*) | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 13 | 9 | 4 | 5 | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | 7 | 8 | 9 | 6 | .. | .. | .. |
| May(*a*) | .. | .. | .. | .. | .. | 14 | 14 | 2 | .. | .. |
| June | .. | .. | .. | .. | 2 | 9 | 17 | 2 | .. | .. |
| July(*j*) | .. | 3 | 8 | 5 | 2 | 1 | 2 | .. | .. | .. |
| August(*a*) | 1 | 4 | 15 | 9 | 1 | .. | .. | .. | .. | .. |
| September(*b*) | .. | 4 | 3 | 18 | 4 | .. | .. | .. | .. | .. |
| October | .. | 1 | 10 | 18 | 2 | .. | .. | .. | .. | .. |
| November | 16 | 11 | 3 | .. | .. | .. | .. | .. | .. | .. |
| December | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 118 | 33 | 43 | 62 | 19 | 33 | 39 | 4 | .. | .. |

* Data not available.
*a*—Observations for 30 days.
*b*— ,, ,, 29 days.
*c*— ,, ,, 28 days.
*d*— ,, ,, 27 days.
*e*—Observations for 26 days.
*g*— ,, ,, 24 days.
*i*— ,, ,, 22 days.
*j*— ,, ,, 21 days.
*k*— ,, ,, 20 days.

# Table XIB—Frequency of days when maximum temperature was within specified limits at 12 Stations for the year 1948—*contd.*

| Maximum Temperture °F. Month. | ≤ 80 | 81-85 | 86-90 | 91-95 | 96-100 | 101-105 | 106-110 | 111-115 | 116-120 | > 120 |
|---|---|---|---|---|---|---|---|---|---|---|
| **JODHPUR.** | | | | | | | | | | |
| January | 30 | 1 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 20 | 8 | 1 | .. | .. | .. | .. | .. | .. | .. |
| March | 3 | 4 | 5 | 12 | 7 | .. | .. | .. | .. | .. |
| April(*b*) | .. | .. | .. | 2 | 9 | 10 | 7 | 1 | .. | .. |
| May | .. | .. | .. | .. | .. | 6 | 15 | 10 | .. | .. |
| June | .. | .. | .. | .. | 1 | 16 | 13 | .. | .. | .. |
| July | .. | 2 | 5 | 2 | 11 | 10 | 1 | .. | .. | .. |
| August(*a*) | .. | 5 | 8 | 15 | 2 | .. | .. | .. | .. | .. |
| September(*b*) | .. | .. | 1 | 19 | 7 | 2 | .. | .. | .. | .. |
| October | .. | .. | .. | 10 | 19 | 2 | .. | .. | .. | .. |
| November | 1 | 10 | 18 | 1 | .. | .. | .. | .. | .. | .. |
| December | 20 | 11 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 74 | 41 | 38 | 61 | 56 | 46 | 36 | 11 | .. | .. |
| **BOMBAY.** | | | | | | | | | | |
| January | 13 | 18 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 4 | 19 | 6 | .. | .. | .. | .. | .. | .. | .. |
| March | .. | 7 | 21 | 3 | .. | .. | .. | .. | .. | .. |
| April | .. | .. | 26 | 4 | .. | .. | .. | .. | .. | .. |
| May | .. | .. | 8 | 23 | .. | .. | .. | .. | .. | .. |
| June | .. | 6 | 12 | 12 | .. | .. | .. | .. | .. | .. |
| July | 2 | 18 | 11 | .. | .. | .. | .. | .. | .. | .. |
| August | 4 | 17 | 10 | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | 21 | 6 | .. | .. | .. | .. | .. | .. | .. |
| October | .. | 15 | 14 | 2 | .. | .. | .. | .. | .. | .. |
| November | 1 | 12 | 14 | 3 | .. | .. | .. | .. | .. | .. |
| December | 2 | 17 | 12 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 29 | 150 | 140 | 47 | .. | .. | .. | .. | .. | .. |
| **BARODA.** | | | | | | | | | | |
| January | 7 | 9 | 10 | 5 | .. | .. | .. | .. | .. | .. |
| February | 3 | 2 | 10 | 9 | 5 | .. | .. | .. | .. | .. |
| March | .. | | 2 | 4 | 10 | 13 | 2 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | 16 | 14 | .. | .. | .. |
| May | .. | .. | .. | .. | 2 | 15 | 10 | 4 | .. | .. |
| June | .. | .. | .. | 1 | 7 | 20 | 2 | .. | .. | .. |
| July | .. | 3 | 6 | 7 | 11 | 4 | .. | .. | .. | .. |
| August | 1 | 1 | 11 | 17 | 1 | .. | .. | .. | .. | .. |
| September | 1 | 1 | 4 | 18 | 6 | .. | .. | .. | .. | .. |
| October | .. | .. | .. | 6 | 18 | 7 | .. | .. | .. | .. |
| November | 1 | 2 | 8 | 9 | 10 | .. | .. | .. | .. | .. |
| December | .. | .. | 26 | 5 | .. | .. | .. | .. | .. | .. |
| *Year* | 13 | 18 | 77 | 81 | 70 | 75 | 28 | 4 | .. | .. |
| **POONA.** | | | | | | | | | | |
| January | 3 | 4 | 18 | 6 | .. | .. | .. | .. | .. | .. |
| February | 1 | 4 | 6 | 9 | 7 | 2 | .. | .. | .. | .. |
| March | .. | .. | .. | 4 | 13 | 14 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 6 | 22 | 2 | .. | .. | .. |
| May | .. | .. | .. | .. | 22 | 8 | 1 | .. | .. | .. |
| June | 3 | 4 | 6 | 9 | 7 | 1 | .. | .. | .. | .. |
| July | 7 | 17 | 7 | .. | .. | .. | .. | .. | .. | .. |
| August | 8 | 17 | 6 | .. | .. | .. | .. | .. | .. | .. |
| September | 3 | 15 | 12 | .. | .. | .. | .. | .. | .. | .. |
| October | .. | 1 | 11 | 19 | .. | .. | .. | .. | .. | .. |
| November | 2 | 15 | 9 | 4 | .. | .. | .. | .. | .. | .. |
| December | .. | 27 | 4 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 27 | 104 | 79 | 51 | 55 | 47 | 3 | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | |
| January | 23 | 8 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 2 | 13 | 7 | 7 | .. | .. | .. | .. | .. | .. |
| March | .. | 1 | 7 | 8 | 13 | 2 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 3 | 14 | 13 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | 6 | 24 | 1 | .. |
| June | .. | 1 | 5 | 2 | 9 | 4 | 8 | 1 | .. | .. |
| July | 3 | 12 | 9 | 5 | 2 | .. | .. | .. | .. | .. |
| August | 15 | 16 | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 4 | 8 | 17 | 1 | .. | .. | .. | .. | .. | .. |
| October | .. | .. | 10 | 21 | .. | .. | .. | .. | .. | .. |
| November(*b*) | 10 | 14 | 5 | .. | .. | .. | .. | .. | .. | .. |
| December | 21 | 10 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 78 | 83 | 60 | 44 | 27 | 20 | 27 | 25 | 1 | .. |
| **KODAIKANAL.** | | | | | | | | | | |
| January | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February | 29 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | 366 | .. | .. | .. | .. | .. | .. | .. | .. | .. |

*a*—Observations for 30 days.
*b*— ,, ,, 29 days.

## Table XI-C.—Frequency of days when minimum temperature was within specified limits at 12 Stations for the year 1948.

### CALCUTTA.

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | .. | 1 | 18 | 8 | 4 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | 2 | 3 | 9 | 12 | 3 | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | 2 | 5 | 7 | 16 | 1 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 17 | 8 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 13 | 13 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 8 | 20 | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 16 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 13 | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 3 | .. | .. |
| October (a) | .. | .. | .. | .. | .. | .. | .. | 5 | 7 | 17 | 1 | .. | .. |
| November | .. | .. | .. | .. | .. | .. | 8 | 10 | 9 | 3 | .. | .. | .. |
| December | .. | .. | .. | .. | 5 | 22 | 4 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | 8 | 45 | 34 | 38 | 47 | 119 | 74 | .. | .. |

### SAUGOR ISLAND.

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | .. | .. | 5 | 21 | 5 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | 3 | 8 | 9 | 7 | 2 | .. | .. | .. |
| March | .. | .. | .. | .. | .. | 1 | 3 | 4 | 16 | 7 | .. | .. | .. |
| April (b) | .. | .. | .. | .. | .. | .. | .. | 2 | 3 | 14 | 10 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 11 | 14 | 1 | .. |
| June (c) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 5 | 18 | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 24 | .. | .. |
| August (k) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 11 | 1 | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 8 | .. | .. |
| October (e) | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 18 | 6 | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

### JAMSHEDPUR.

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | .. | 4 | 17 | 5 | 5 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 1 | 4 | 5 | 14 | 5 | .. | .. | .. | .. | .. |
| March (f) | .. | .. | .. | .. | 6 | 5 | 11 | 3 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 13 | 7 | .. | .. |
| May (b) | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 11 | 13 | 1 | .. |
| June | .. | .. | .. | .. | .. | .. | .. | 13 | 13 | 3 | 1 | .. | .. |
| July (a) | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 20 | 9 | .. | .. |
| August | .. | .. | .. | .. | .. | . | .. | .. | 5 | 26 | .. | .. | .. |
| September (c) | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 27 | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 4 | 5 | 12 | 10 | .. | .. | .. |
| November | .. | .. | .. | .. | .. | 5 | 5 | 10 | 10 | .. | .. | .. | .. |
| December | .. | .. | .. | 1 | 17 | 12 | 1 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | 2 | 31 | 44 | 40 | 41 | 56 | 110 | 30 | 1 | .. |

### GAYA.

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January (a) | .. | .. | .. | .. | 12 | 15 | 3 | .. | .. | .. | .. | .. | .. |
| February (g) | .. | .. | .. | 2 | 7 | 8 | 7 | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 1 | 7 | 7 | 13 | 3 | .. | .. | .. | .. |
| April (f) | .. | .. | .. | .. | .. | .. | 1 | 2 | 9 | 4 | 8 | 1 | .. |
| May (a) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 19 | 8 | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 7 | 14 | |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 21 | 10 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 17 | 11 | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 24 | 2 | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 2 | 5 | 18 | 6 | .. | .. | .. |
| November | .. | .. | .. | .. | .. | 9 | 8 | 5 | 8 | .. | .. | .. | .. |
| December | .. | .. | .. | 8 | 21 | 2 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | 10 | 41 | 41 | 28 | 25 | 45 | 80 | 57 | 23 | |

### ALLAHABAD (BAMRAULI.)

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | 4 | 16 | 6 | 5 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 1 | 6 | 5 | 12 | 5 | .. | .. | .. | .. | .. | .. |
| March (c) | .. | .. | .. | .. | 3 | 5 | 7 | 10 | 1 | .. | .. | .. | .. |
| April (d) | .. | .. | .. | .. | .. | .. | .. | 2 | 10 | 7 | 4 | 4 | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 16 | 9 | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 5 | 15 | |
| July | .. | .. | .. | .. | .. | .. | .. | .. | .. | 23 | 8 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 22 | 8 | .. | .. |
| September (b) | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 23 | 1 | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 2 | 6 | 12 | 11 | .. | .. | .. |
| November (c) | .. | .. | .. | .. | 4 | 11 | 7 | 6 | .. | .. | .. | .. | .. |
| December | .. | .. | .. | 8 | 18 | 5 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 1 | 18 | 46 | 39 | 26 | 24 | 31 | 94 | 42 | 28 | |

### NEW DELHI.

| Minimum Temperature °F. Month. | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January (b) | .. | .. | 4 | 10 | 13 | 2 | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 5 | 5 | 9 | 9 | 1 | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 6 | 7 | 12 | 5 | 1 | .. | .. | .. | .. |
| April (b) | .. | .. | .. | .. | .. | .. | 2 | 6 | 7 | 5 | 9 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3 | 21 | 4 | |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 8 | 13 | |
| July (i) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 6 | 2 | |
| August (a) | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 23 | 5 | .. | |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 12 | 14 | 4 | .. | |
| October | .. | .. | .. | .. | .. | 2 | 6 | 4 | 17 | 2 | .. | .. | |
| November | .. | .. | 1 | 7 | 15 | 5 | 1 | 1 | .. | .. | .. | .. | |
| December | .. | .. | 12 | 15 | 3 | 1 | .. | .. | .. | .. | .. | .. | |
| *Year* | .. | .. | 22 | 37 | 46 | 26 | 22 | 16 | 41 | 60 | 53 | 19 | |

*Data not available.

(a) Observations for 30 days.
(b) ,, ,, 29 days.
(c) ,, ,, 28 days.
(d) ,, ,, 27 days.
(e) ,, ,, 26 days.
(f) Observations for 25 days.
(g) ,, ,, 24 days.
(i) ,, ,, 19 days.
(k) ,, ,, 20 days.

# Table XI-C.—Frequency of days when minimum temperature was within specified limits at 12 Stations for the year 1948—*contd.*

| Maximum Temperature °F. / Month | ≤35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | >90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **JODHPUR.** | | | | | | | | | | | | | |
| January (*a*) | .. | .. | 1 | 6 | 12 | 10 | 1 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 1 | 4 | 5 | 7 | 11 | 1 | .. | .. | .. | .. | .. |
| March (*b*) | .. | .. | .. | .. | 2 | 2 | 6 | 10 | 9 | .. | .. | .. | .. |
| April (*b*) | .. | .. | .. | .. | .. | .. | .. | 1 | 10 | 10 | 8 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 21 | 7 | .. |
| June (*b*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 10 | 14 | 4 |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 8 | 14 | 8 | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 29 | .. | .. | .. |
| September (*b*) | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 18 | 4 | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 4 | 4 | 14 | 9 | .. | .. | .. |
| November | .. | .. | .. | .. | 2 | 14 | 12 | 1 | 1 | .. | .. | .. | .. |
| December | .. | .. | .. | 2 | 19 | 10 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 2 | 12 | 40 | 43 | 34 | 17 | 44 | 78 | 57 | 29 | 4 |
| **BOMBAY.** | | | | | | | | | | | | | |
| January | .. | .. | .. | .. | .. | .. | 3 | 14 | 14 | .. | .. | .. | .. |
| February | .. | .. | .. | .. | .. | .. | 1 | 9 | 17 | 2 | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 20 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20 | 10 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 30 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 17 | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 15 | 14 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | .. | 28 | 3 | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 8 | 22 | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 25 | 1 | .. | .. |
| December | .. | .. | .. | .. | .. | .. | .. | 5 | 25 | 1 | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | 4 | 28 | 81 | 178 | 75 | .. | .. |
| **BARODA.** | | | | | | | | | | | | | |
| January | .. | .. | 4 | 6 | 4 | 10 | 7 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 2 | 7 | 3 | 9 | 8 | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 4 | 1 | 9 | 16 | 1 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | 11 | 12 | 7 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 20 | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 23 | 1 | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 17 | 12 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 27 | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 20 | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | .. | 3 | 25 | 3 | .. | .. | .. |
| November | .. | .. | .. | .. | 1 | 8 | 8 | 7 | 6 | .. | .. | .. | .. |
| December | .. | .. | .. | 6 | 19 | 6 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 6 | 19 | 31 | 34 | 32 | 37 | 60 | 91 | 55 | 1 | .. |
| **POONA.** | | | | | | | | | | | | | |
| January | .. | .. | .. | 1 | 4 | 15 | 8 | 3 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 3 | 8 | 9 | 6 | 3 | .. | .. | .. | .. | .. |
| March (*a*) | .. | .. | .. | .. | 4 | 2 | 18 | 6 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | 3 | 12 | 13 | 2 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 26 | 5 | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | .. | 2 | 20 | 8 | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | 3 | 28 | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | 9 | 22 | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | 21 | 9 | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 2 | 23 | 6 | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | .. | 5 | 21 | 4 | .. | .. | .. | .. |
| December | .. | .. | 1 | 8 | 13 | 8 | 1 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 1 | 12 | 29 | 34 | 43 | 103 | 128 | 15 | .. | .. | .. |
| **NAGPUR.** | | | | | | | | | | | | | |
| January | .. | .. | .. | 1 | 5 | 13 | 12 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | 3 | 7 | 8 | 10 | 1 | .. | .. | .. | .. |
| March | .. | .. | .. | .. | .. | 4 | 7 | 9 | 10 | 1 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | .. | 4 | 4 | 9 | 12 | 1 | .. |
| May (*a*) | .. | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 12 | 10 | 5 |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 11 | 7 | 9 | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 12 | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 10 | 21 | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | 1 | 25 | 4 | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 3 | 6 | 22 | .. | .. | .. | .. |
| November | .. | .. | .. | .. | .. | 3 | 3 | 12 | 12 | .. | .. | .. | .. |
| December (*b*) | .. | .. | .. | 8 | 20 | 1 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | 9 | 28 | 28 | 33 | 42 | 106 | 61 | 31 | 20 | 5 |
| **KODAIKANAL.** | | | | | | | | | | | | | |
| January | .. | .. | 3 | 24 | 4 | .. | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | 4 | 18 | 7 | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | 1 | 17 | 12 | 1 | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | 2 | 25 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | 11 | 19 | 1 | .. | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | 19 | 11 | .. | .. | .. | .. | .. | .. | .. | .. |
| July | .. | .. | 2 | 26 | 3 | .. | .. | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | 31 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | 30 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October | .. | .. | 4 | 27 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | .. | .. | 11 | 19 | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December | .. | .. | 2 | 23 | 6 | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | 29 | 270 | 65 | 2 | .. | .. | .. | .. | .. | .. | .. |

(*a*) Observations for 30 days.

(*b*) Observations for 29 days.

# TABLE XII.—MEAN HOURLY AND EXTREME WET BULB TEMPERATURES

*(Readings at*

| Month/Hours in (I.S.T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | CALCUTTA* | | |
| January | 60·5 | 59·9 | 59·9 | 59·5 | 58·7 | 58·8 | 58·1 | 58·5 | 60·5 | 65·5 | 63·4 | 63·9 | 64·4 | 64·1 | 63·8 | 64·0 | 64·3 | 64·2 |
| February | 62·0 | 63·9 | 64·0 | 63·8 | 62·9 | 62·7 | 62·8 | 62·9 | 64·4 | 65·5 | 65·9 | 66·1 | 67·0 | 69·4 | 69·4 | 68·3 | 67·3 | 67·0 |
| March* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August | 78·9 | 78·9 | 80·3 | 78·6 | 78·5 | 78·5 | 78·6 | 78·9 | 80·2 | 80·7 | 80·8 | 81·1 | 81·0 | 80·8 | 80·7 | 80·8 | 80·6 | 80·4 |
| September* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November | 71·1 | 70·1 | 69·8 | 69·6 | 69·3 | 68·4 | 68·9 | 68·6 | 70·3 | 71·6 | 72·7 | 72·1 | 72·6 | 71·9 | 71·2 | 71·6 | 71·6 | 71·2 |
| December | 58·7 | 58·3 | 58·9 | 57·8 | 57·5 | 57·0 | 57·0 | 58·5 | 60·6 | 62·6 | 63·4 | 63·6 | 63·7 | 62·9 | 62·6 | 62·5 | 63·1 | 62·9 |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | | | | | | | JAMSHEDPUR | | |
| January | 60·3 | 59·8 | 59·4 | 59·0 | 58·6 | 58·3 | 58·1 | 58·6 | 58·2 | 59·3 | 60·2 | 60·8 | 63·1 | 63·4 | 63·6 | 63·7 | 63·7 | 63·9 |
| February | 60·1 | 59·6 | 59·2 | 58·8 | 58·4 | 58·1 | 58·1 | 59·1 | 60·9 | 61·9 | 62·9 | 63·6 | 64·1 | 64·5 | 64·7 | 64·4 | 64·1 | 63·9 |
| March | 62·8 | 62·4 | 62·1 | 61·6 | 61·2 | 58·8 | 59·0 | 60·0 | 62·8 | 65·3 | 63·8 | 66·8 | 67·3 | 65·6 | 65·8 | 65·7 | 65·4 | 66·9 |
| April | 68·5 | 68·2 | 69·9 | 65·2 | 64·9 | 64·7 | 65·0 | 68·0 | 71·7 | 72·1 | 72·3 | 72·7 | 72·8 | 73·0 | 73·1 | 72·7 | 72·6 | 72·8 |
| May | 76·0 | 75·9 | 75·8 | 75·7 | 75·6 | 73·3 | 73·6 | 71·7 | 77·7 | 78·2 | 78·6 | 79·0 | 79·3 | 79·1 | 73·8 | 73·1 | 75·0 | 77·2 |
| June | 78·7 | 78·6 | 78·6 | 78·5 | 78·5 | 78·5 | 78·7 | 78·9 | 79·2 | 79·2 | 78·8 | 79·1 | 79·0 | 78·9 | 78·6 | 78·6 | 78·5 | 78·5 |
| July | 78·9 | 78·8 | 78·8 | 78·7 | 78·7 | 78·7 | 78·7 | 78·7 | 79·3 | 78·6 | 79·0 | 79·3 | 79·4 | 79·6 | 79·6 | 79·6 | 79·3 | 79·1 |
| August | 78·3 | 78·2 | 78·2 | 78·2 | 78·1 | 78·1 | 78·1 | 77·8 | 78·1 | 78·7 | 78·8 | 78·7 | 78·8 | 78·8 | 78·8 | 78·7 | 77·0 | 78·4 |
| September | 77·8 | 77·8 | 77·8 | 77·8 | 77·7 | 77·7 | 77·7 | 77·7 | 77·8 | 78·3 | 78·4 | 78·4 | 78·4 | 78·3 | 78·3 | 78·3 | 78·1 | 78·0 |
| October | 73·2 | 73·0 | 72·7 | 72·6 | 72·5 | 72·4 | 72·6 | 73·1 | 74·0 | 74·3 | 74·4 | 74·8 | 74·7 | 74·8 | 74·5 | 74·5 | 74·6 | 74·2 |
| November | 68·4 | 68·3 | 68·2 | 68·1 | 67·9 | 67·8 | 67·9 | 68·1 | 68·6 | 68·9 | 69·2 | 69·4 | 69·6 | 69·6 | 69·7 | 69·6 | 69·6 | 69·4 |
| December | 58·0 | 57·6 | 57·4 | 57·0 | 56·6 | 56·3 | 56·2 | 56·6 | 57·7 | 58·9 | 59·5 | 60·0 | 60·3 | 60·6 | 60·7 | 60·7 | 61·0 | 60·8 |
| *Year* | 70·0 | 69·8 | 68·9 | 69·2 | 69·7 | 69·2 | 68·6 | 70·6 | 70·5 | 71·1 | 71·3 | 71·9 | 72·2 | 73·0 | 71·7 | 71·6 | 71·5 | 71·8 |
| | | | | | | | | | | | | | | | | GAYA | | |
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | 57·0 | 56·5 | 56·0 | 55·5 | 55·4 | 55·2 | 55·9 | 57·8 | 60·7 | 62·5 | 61·1 | 64·7 | 65·3 | 65·8 | 66·2 | 66·1 | 64·7 | 65·1 |
| April | 67·1 | 66·7 | 66·3 | 65·8 | 65·5 | 65·2 | 65·3 | 66·5 | 72·5 | 69·6 | 69·9 | 68·1 | 71·2 | 71·4 | 71·7 | 72·0 | 71·3 | 74·4 |
| May | 77·3 | 76·4 | 76·2 | 76·0 | 75·3 | 75·3 | 76·1 | 76·7 | 77·4 | 78·1 | 78·1 | 78·3 | 78·8 | 79·4 | 79·8 | 79·9 | 79·5 | 79·1 |
| June | 80·9 | 80·7 | 80·5 | 80·5 | 80·5 | 80·1 | 80·3 | 80·8 | 81·1 | 81·6 | 81·7 | 81·9 | 82·0 | 82·1 | 82·1 | 81·8 | 81·9 | 81·9 |
| July | 79·9 | 79·8 | 79·7 | 79·6 | 79·5 | 79·5 | 79·7 | 79·9 | 77·6 | 77·7 | 80·6 | 80·8 | 80·9 | 81·0 | 80·9 | 80·8 | 80·8 | 80·7 |
| August | 79·8 | 79·6 | 79·5 | 79·4 | 79·3 | 79·3 | 79·5 | 79·6 | 79·5 | 80·0 | 80·2 | 79·7 | 79·8 | 80·4 | 80·4 | 80·4 | 80·5 | 80·4 |
| September | 79·9 | 79·8 | 79·7 | 79·7 | 79·6 | 79·5 | 79·6 | 79·6 | 79·6 | 79·9 | 80·2 | 80·7 | 80·9 | 81·2 | 81·1 | 81·1 | 80·8 | 80·6 |
| October | 72·9 | 72·7 | 72·5 | 72·2 | 72·1 | 72·0 | 71·8 | 72·3 | 72·9 | 73·4 | 73·7 | 74·1 | 74·4 | 74·4 | 74·5 | 74·9 | 74·9 | 74·4 |
| November | 65·0 | 64·7 | 64·5 | 64·3 | 64·1 | 63·9 | 63·9 | 64·5 | 65·8 | 66·7 | 67·4 | 67·8 | 68·3 | 68·2 | 68·4 | 68·0 | 67·9 | 67·6 |
| December | 54·0 | 53·6 | 53·2 | 52·8 | 52·4 | 52·2 | 51·8 | 53·0 | 55·4 | 57·7 | 59·1 | 59·9 | 60·6 | 61·1 | 61·4 | 61·4 | 61·0 | 59·8 |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

*Hours in this case refer to L. M. T.

# (°F) AT 8 STATIONS FOR THE YEAR 1948.

*exact hours I.S.T.)*

| 19 | 20 | 21 | 22 | 23 | 24 | Mean | Mean of Max. | Mean of Min. | Extreme. Max. | Date. | Min. | Date | Month/Hours (I.S.T.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 63·6 | 62·6 | 62·1 | 62·3 | 61·5 | 60·8 | 61·9 | 65·1 | 58·0 | 70·6 | 30 | 53·4 | 13 | January. |
| 66·5 | 65·7 | 65·4 | 65·1 | 64·8 | 64·5 | 65·3 | 70·8 | 65·0 | 82·3 | 20 | 53·2 | 9 | February. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | March.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | April.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | May.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | June.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | July.* |
| 80·1 | 80·0 | 79·6 | 79·4 | 79·0 | 78·9 | 79·4 | 81·8 | 77·8 | 83·6 | 17 | 76·0 | 3 | August. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | September.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | October.* |
| 70·5 | 70·2 | 70·4 | 70·5 | 70·1 | 70·4 | 70·6 | 73·7 | 67·5 | 8[illegible]·7 | 12 | 62·0 | 22 | November. |
| 61·9 | 61·0 | 60·3 | 60·0 | 59·6 | 59·1 | 60·6 | 64·9 | [illegible]6·7 | 70·4 | 22 | 52·1 | 14 | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |
| 63·0 | 62·3 | 61·9 | 61·4 | 61·0 | 60·6 | 60·8 | 64·5 | 57·9 | 68·7 | 30 | 53·7 | 12 | January. |
| 63·2 | 61·5 | 61·9 | 61·4 | 61·0 | 60·5 | 61·4 | 65·7 | 60·8 | 72·1 | 22 | 46·8 | 8 | February. |
| 66·2 | 65·5 | 64·8 | 64·5 | 64·2 | 63·7 | 63·8 | 68·9 | 60·4 | 74·2 | 13 | 51·6 | 18 | March. |
| 72·3 | 72·2 | 69·1 | 69·1 | 68·8 | 68·7 | 70·1 | 75·3 | 67·6 | 80·0 | 29 | 60·8 | 9 | April. |
| 77·1 | 76·9 | 76·6 | 76·4 | 76·3 | 76·2 | 76·2 | 81·3 | 73·5 | 85·5 | 31 | 69·8 | 22 | May. |
| 78·7 | 78·5 | 78·6 | 78·7 | 78·7 | 78·7 | 78·7 | 80·7 | 74·4 | 84·0 | 10 | 74·0 | 2 | June. |
| 78·9 | 78·8 | 78·7 | 78·2 | 78·6 | 78·6 | 78·9 | 80·5 | 77·8 | 82·9 | 4 | 76·5 | 24 | July. |
| 78·4 | 78·4 | 78·3 | 78·4 | 78·3 | 78·3 | 78·2 | 79·1 | 77·3 | 79·9 | 21 | 73·4 | 4 | August. |
| 78·0 | 77·9 | 77·8 | 77·8 | 77·8 | 77·7 | 77·9 | 78·9 | 77·1 | 80·2 | 2 | 75·4 | 13 | September. |
| 74·0 | 73·8 | 73·6 | 73·4 | 73·1 | 72·9 | 73·6 | 75·5 | 71·4 | 79·7 | 8 | 62·2 | 28 | October. |
| 69·1 | 68·9 | 68.7 | 68·5 | 68·4 | 68·0 | 68·7 | 70·1 | 67·3 | 76·9 | 5 | 59·8 | 21 | November. |
| 60·3 | 59·9 | 59·5 | 59·1 | 58·6 | 58·3 | 58·7 | 61.3 | 55·9 | 64·6 | 28 | 51·3 | 14 | December. |
| 71·6 | 71·2 | 70·8 | 70·6 | 70·0 | 70·1 | 70·6 | 73·5 | 68·5 | 85·5 | V | 46·8 | 11 | *Year.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | January.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | February.* |
| 63·1 | 61·4 | 60·2 | 60·0 | 59·1 | 58·3 | 60·5 | 65·9 | 54·5 | 72·0 | 26 | 44·0 | 17 | March. |
| 70·7 | 69·8 | 69·3 | 68·9 | 68·1 | 68·1 | 68·9 | 74·7 | 65·6 | 83·5 | 26 | 52·8 | 8 | April. |
| 78·1 | 77·8 | 77·6 | 77·8 | 77·7 | 77·5 | 77·6 | 80·0 | 77·0 | 89·8 | 9 | 64·5 | 12 | May. |
| 81·6 | 78·4 | 81·3 | 81·1 | 81·1 | 81·1 | 81·1 | 83·1 | 79·5 | 89·0 | 5 | 73·0 | 2 | June. |
| 80·4 | 80·3 | 80·1 | 80·1 | 80·0 | 79·9 | 80·2 | 81·4 | 79·0 | 83·5 | 10 | 77·1 | 14 | July. |
| 80·4 | 80·1 | 80·1 | 80·4 | 80·3 | 79·9 | 80·0 | 81·3 | 78·7 | 83·0 | 10 | 76·0 | 4 | August. |
| 80·4 | 80·3 | 80·2 | 80·1 | 80·1 | 79·9 | 80·1 | 81·3 | 79·7 | 88·0 | 9, 10 | 74·0 | 14 | September. |
| 74·0 | 73·8 | 73·6 | 73·4 | 73·1 | 72·9 | 73·2 | 75·9 | 73·5 | 81·7 | 20 | 63·0 | 28 | October. |
| 67·2 | 66·8 | 66·4 | 66·1 | 65·7 | 65·4 | 66·1 | 68·9 | 61·8 | 75·0 | 7 | 52·5 | 17 | November. |
| 58·7 | 57·6 | 56·7 | 56·2 | 55·1 | 54·5 | 56·6 | 62·1 | 51·5 | 65·5 | 28 | 46·4 | 24 | December. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |

* Date not available.

# TABLE XII.—MEAN HOURLY AND EXTREME WET BULB TEMPERATURES

(*Readings at*

| Month/Hours (I.S.T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ALLAHABAD (BAMRAULI)** | | | | | | | | | | | | | | | | | | |
| January | 56·7 | 56·5 | 56·3 | 56·0 | 55·8 | 55·6 | 55·3 | 55·4 | 56·4 | 57·8 | 58·2 | 58·5 | 58·8 | 59·2 | 59·0 | 59·3 | 59·2 | 59·8 |
| February | 55·7 | 55·3 | 54·8 | 54·4 | 54·1 | 53·8 | 53·6 | 54·4 | 56·1 | 57·7 | 58·1 | 58·7 | 59·2 | 59·3 | 60·0 | 59·8 | 59·5 | 59·3 |
| March | 59·4 | 58·9 | 58·5 | 57·8 | 57·5 | 57·4 | 57·1 | 58·3 | 59·7 | 61·6 | 62·1 | 62·5 | 63·0 | 63·7 | 64·2 | 64·6 | 64·8 | 62·1 |
| April | 67·7 | 65·5 | 64·8 | 64·8 | 65·7 | 65·7 | 65·7 | 67·2 | 66·6 | 68·1 | 68·3 | 68·3 | 68·1 | 68·9 | 70·2 | 72·4 | 72·0 | 70·4 |
| May | 70·6 | 69·4 | 68·9 | 68·6 | 68·8 | 68·6 | 69·1 | 67·0 | 70·1 | 71·9 | 72·2 | 72·5 | 72·4 | 73·8 | 73·1 | 72·8 | 72·2 | 72·1 |
| June | 78·2 | 78·0 | 77·6 | 77·3 | 77·5 | 77·0 | 77·5 | 77·7 | 77·7 | 77·7 | 78·9 | 79·5 | 79·6 | 79·6 | 79·6 | 79·4 | 79·5 | 79·4 |
| July | 79·6 | 79·6 | 79·6 | 79·6 | 79·6 | 79·6 | 79·7 | 79·8 | 80·0 | 80·1 | 80·2 | 80·3 | 80·0 | 80·1 | 80·4 | 80·2 | 80·1 | 80·1 |
| August | 79·0 | 79·1 | 79·1 | 79·1 | 79·1 | 79·1 | 79·1 | 79·3 | 79·4 | 80·5 | 80·1 | 80·5 | 80·4 | 80·5 | 80·5 | 80·3 | 80·3 | 80·2 |
| September | 78·8 | 78·9 | 78·8 | 78·7 | 78·7 | 78·7 | 78·7 | 78·8 | 78·9 | 79·3 | 79·3 | 79·4 | 79·5 | 79·5 | 79·4 | 79·4 | 79·2 | 79·0 |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| **NEW DELHI** | | | | | | | | | | | | | | | | | | |
| January | 52·1 | 51·6 | 51·3 | 50·7 | 50·7 | 50·8 | 50·6 | 50·5 | 49·1 | 51·4 | 53·0 | 54·2 | 55·9 | 56·2 | 56·3 | 56·2 | 56·7 | 56·5 |
| February | 52·1 | 51·6 | 51·4 | 51·0 | 50·7 | 50·3 | 50·0 | 49·7 | 51·1 | 52·6 | 54·0 | 55·2 | 56·8 | 57·0 | 57·3 | 57·3 | 57·4 | 56·9 |
| March | 59·4 | 58·8 | 58·5 | 58·1 | 67·7 | 57·3 | 57·0 | 57·2 | 58·2 | 59·1 | 59·9 | 60·3 | 61·4 | 61·6 | 61·8 | 61·7 | 62·0 | 62·1 |
| April | 65·0 | 64·9 | 64·6 | 64·3 | 64·0 | 63·8 | 63·6 | 63·8 | 64 6 | 65·2 | 65·8 | 66·2 | 66·6 | 66·7 | 66·7 | 66·7 | 66·8 | 66·9 |
| May | 68·0 | 67·8 | 67·2 | 67·0 | 66·5 | 66·3 | 65·4 | 67·0 | 68·0 | 68·4 | 68·8 | 69·3 | 70·4 | 70·5 | 70·6 | 70·4 | 70·4 | 70·4 |
| June | 70·9 | 70·5 | 70·3 | 70·1 | 70·2 | 70·5 | 71·1 | 72·4 | 73·2 | 74·0 | 74·7 | 74·9 | 74·7 | 74·4 | 74·3 | 74·2 | 74·1 | 73·8 |
| July | 79·0 | 78·9 | 78·9 | 78·7 | 78·6 | 78·5 | 78·5 | 78·6 | 79·1 | 78·9 | 79·3 | 78·9 | 78·7 | 78·6 | 78·4 | 78·9 | 78·9 | 78·9 |
| August | 78·9 | 78·8 | 78·8 | 78·8 | 78·8 | 78·8 | 78·8 | 78·9 | 78·9 | 78·9 | 78·9 | 78·9 | 79·0 | 79·1 | 79·1 | 79·3 | 79·1 | 79·2 |
| September | 75.5 | 75·2 | 75·0 | 74·8 | 74·6 | 74·5 | 74·5 | 74·5 | 74·6 | 74·9 | 75·4 | 76·2 | 77·1 | 77·7 | 78·2 | 78 6 | 78·2 | 78·1 |
| October | 67·4 | 67·2 | 66·8 | 06·2 | 66·0 | 65·9 | 66·3 | 67·6 | 69·1 | 70·4 | 71·5 | 71·9 | 72 0 | 71·8 | 71·8 | 71·5 | 71·1 | 70·5 |
| November | 52·0 | 51·0 | 50·2 | 49·4 | 48·8 | 48·7 | 48·8 | 49·8 | 53·7 | 56·7 | 58·7 | 59·2 | 59·4 | 59 5 | 59·7 | 59·8 | 59·7 | 59·1 |
| December | 47·5 | 46·4 | 45·6 | 45·0 | 44·4 | 44·1 | 44·0 | 44·6 | 48·6 | 52·1 | 54·7 | 55·9 | 56·5 | 56·8 | 57·0 | 57·0 | 56·8 | 56·0 |
| *Year* | 64·0 | 63·6 | 63·2 | 62·8 | 62·6 | 62·5 | 62·4 | 62·9 | 64·0 | 65·2 | 66·2 | 66·8 | 67·4 | 67·5 | 67·6 | 67·6 | 67·6 | 67·4 |
| **BOMBAY*** | | | | | | | | | | | | | | | | | | |
| January | 67·4 | 67·3 | 67·1 | 66·7 | 67·1 | 67·2 | 66·9 | 67·7 | 68·6 | 69·2 | 69·9 | 70·5 | 70·8 | 71·7 | 71·8 | 71·8 | 70·8 | 70·5 |
| February | 68·4 | 68·2 | 68·1 | 68·0 | 67·9 | 67·2 | 67·2 | 68·5 | 68·9 | 69·[illegible] | 69·5 | 70·8 | 71·1 | 71·6 | 71·8 | 71·7 | 71·0 | 70·2 |
| March | 72·6 | 72·4 | 72·5 | 72·3 | 71·8 | 71·5 | 71·4 | 72·4 | 72·8 | 73·6 | 74·3 | 74·7 | 75·4 | 75·5 | 75·2 | 75·1 | 74·8 | 74·2 |
| April | 76·8 | 76·6 | 76·4 | 76·2 | 75·9 | 75·8 | 76·3 | 77·4 | 77·8 | 78·4 | 78·8 | 79·1 | 79·4 | 79·4 | 79·2 | 78·9 | 78·6 | 77·9 |
| May | 78·1 | 78·0 | 77·8 | 77·8 | 77·7 | 77·8 | 78·1 | 78·6 | 79·1 | 79·5 | 79·8 | 80·3 | 80·4 | 80·6 | 80·6 | 80·4 | 80·0 | 79·4 |
| June | 79·3 | 79·0 | 79·0 | 79·0 | 78·9 | 78·8 | 79·0 | 79·3 | 79·9 | 80·3 | 80·6 | 80·9 | 81·0 | 81·0 | 80·9 | 80·5 | 80·3 | 80·0 |
| July | 78·1 | 78·0 | 77·8 | 77·8 | 77·9 | 77·9 | 78·1 | 78·5 | 78·7 | 78·9 | 79·1 | 79·0 | 79·0 | 78·9 | 79·0 | 78·6 | 78·4 | 78·4 |
| August | 77·0 | 77·0 | 76·9 | 76·8 | 76·8 | 76·6 | 76·8 | 77·3 | 77·8 | 78·4 | 78·6 | 78·7 | 78·7 | 78·8 | 78·6 | 78·2 | 77·9 | 77·4 |
| September | 75·7 | 75·7 | 75·6 | 75·6 | 75·7 | 75·6 | 75·9 | 76·5 | 77·0 | 77·3 | 77·6 | 77·6 | 77·6 | 77·9 | 77·7 | 77·3 | 76·7 | 76·2 |
| October | 76·5 | 76·5 | 76·4 | 76·4 | 76·4 | 76·4 | 76·7 | 77·4 | 78·0 | 78·4 | 7[illegible]·4 | 78·8 | 79·0 | 79·2 | 79·0 | 78·8 | 78·3 | 77·4 |
| November | 75·0 | 74·8 | 74·0 | 73·9 | 73·6 | 73·4 | 73·9 | 75·1 | 76·1 | 76·3 | 76·7 | 77·1 | 77·4 | 77·6 | 77·8 | 77·4 | 76·6 | 76·0 |
| December | 68·8 | 68·2 | 67·9 | 67·8 | 67·3 | 66·8 | 66·6 | 67·5 | 68·1 | 68 7 | 69·4 | 70·0 | 69·9 | 70·1 | 70·6 | 71·0 | 70·7 | 70·5 |
| *Year* | 74·5 | 74·3 | 74·1 | 74·0 | 73·9 | 73·7 | 73·9 | 74·7 | 75·2 | 75·7 | 76·1 | 76·5 | 76·6 | 76·9 | 75·2 | 76·6 | 76·2 | 75·7 |

*Hours in this case refer to L. M. T.

## (°F) AT 8 STATIONS FOR THE YEAR 1948—*contd.*

*exact hours I.S.T.*)

| 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme. Max. | Date. | Extreme. Min. | Date. | Month Hours (I.S.T.) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58·5 | 58·0 | 57·9 | 57·5 | 57·2 | 57·0 | 57·5 | 59·6 | 54·7 | 64·5 | .. | 50·2 | .. | January. |
| 58·6 | 58·0 | 57·5 | 56·9 | 56·4 | 56·0 | 56·9 | 61·0 | 53·1 | 78·0 | .. | 40·7 | .. | February. |
| 63·2 | 62·1 | 59·3 | 61·1 | 60·4 | 60·1 | 60·8 | 68·3 | 56·9 | 83·3 | .. | 41·2 | .. | March. |
| 69·5 | 69·1 | 69·6 | 68·9 | 69·3 | 68·3 | 68·1 | 79·5 | 63·2 | 97·0 | .. | 55·0 | .. | April. |
| 71·9 | 71·8 | 71·7 | 71·4 | 71·2 | 70·8 | 70·9 | 74·6 | 67·0 | 85·0 | .. | 51·9 | .. | May. |
| 79·2 | 79·1 | 78·9 | 78·8 | 78·6 | 78·6 | 78·2 | 80·8 | 76·3 | 86·9 | .. | 67·9 | .. | June. |
| 80·0 | 80·0 | 79·9 | 79·9 | 79·8 | 79·8 | 79·8 | 80·7 | 79·1 | 83·8 | .. | 77·6 | .. | July. |
| 80·0 | 79·6 | 79·6 | 79·3 | 79·5 | 79·4 | 79·6 | 81·1 | 78·7 | 83·7 | .. | 71·4 | .. | August. |
| 79·0 | 78·9 | 78·8 | 78·8 | 78·8 | 78·8 | 79·0 | 80·1 | 77·8 | 82·3 | .. | 74·8 | .. | September. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | October.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | November.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | December.* |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | *Year.* |
| 55·5 | 54·7 | 53·8 | 53·2 | 52·7 | 52·3 | 53·2 | 57·4 | 49·0 | 64·4 | 20 | 39·5 | 14 | January. |
| 56·6 | 55·8 | 54·9 | 54·1 | 53·4 | 52·8 | 53·7 | 57·8 | 48·9 | 66·7 | 25 | 39·0 | 5 | February. |
| 61·6 | 61·3 | 60·9 | 60·6 | 60·3 | 59·8 | 59·8 | 63·0 | 56·5 | 66·5 | 6 | 46·6 | 3 | March. |
| 66·8 | 66·8 | 66·4 | 67·8 | 65·8 | 65·3 | 65·6 | 67·9 | 62·7 | 77·1 | 27 | 56·2 | 7 | April. |
| 70·4 | 69·8 | 68·6 | 68·5 | 68·0 | 67·6 | 68·5 | 71·4 | 65·0 | 79·3 | 24 | 56·8 | 31 | May. |
| 73·5 | 73·1 | 72·7 | 72·3 | 71·9 | 71·5 | 72·6 | 75·8 | 69·3 | 80·6 | 27 | 61·5 | 1 | June. |
| 78·9 | 78·9 | 79·1 | 79·0 | 78·5 | 78·9 | 78·4 | 79·9 | 77·0 | 82·2 | 1 | 75·3 | 20 | July. |
| 79·1 | 79·1 | 79·1 | 79·1 | 79·1 | 79·0 | 79·1 | 79·9 | 78·9 | 82·8 | 25 | 74·0 | 23 | August. |
| 77·4 | 76·9 | 76·5 | 76·2 | 75·9 | 75·5 | 75·8 | 79·2 | 73·6 | 83·7 | 6 | 67·2 | 20 | September. |
| 70·0 | 69·1 | 68·9 | 68·5 | 68·0 | 67·7 | 69·0 | 72·9 | 65·5 | 78·0 | 14 | 50·8 | 26 | October. |
| 58·1 | 57·1 | 56·0 | 54·9 | 53·7 | 52·6 | 54·9 | 60·5 | 48·4 | 70·0 | 1 | 41·8 | 17 | November. |
| 54·7 | 53·2 | 51·9 | 50·5 | 49·0 | 48·2 | 50·8 | 57·6 | 43·9 | 63·4 | 7 | 38·0 | 13 | December. |
| 66·9 | 66·3 | 65·7 | 65·4 | 64·7 | 64·3 | 65·1 | 68·6 | 61·6 | 83·7 | IX | 38·0 | XII | *Year.* |
| 70·0 | 69·8 | 69·5 | 69·0 | 68·2 | 67·9 | 69·1 | 73·2 | 66·2 | 76·6 | 27 | 59·9 | 6 | January. |
| 70·0 | 69·8 | 69·5 | 69·3 | 68·8 | 69·7 | 69·4 | 72·9 | 65·6 | 76·8 | 20 | 58·3 | 13 | February. |
| 73·9 | 74·0 | 73·9 | 73·3 | 73·1 | 72·5 | 73·5 | 76·9 | 69·2 | 80·0 | 5 | 58·9 | 17 | March. |
| 77·6 | 77·6 | 77·5 | 77·5 | 77·3 | 76·2 | 77·6 | 80·0 | 75·6 | 83·6 | 16 | 72·5 | 6, 9 | April. |
| 79·1 | 79·0 | 78·8 | 78·8 | 78·6 | 78·0 | 79·0 | 81·1 | 77·3 | 82·2 | 7 | 75·1 | 2 | May. |
| 79·9 | 79·9 | 79·7 | 79·5 | 79·6 | 78·0 | 79·8 | 81·7 | 77·6 | 83·7 | 12 | 74·1 | 14 | June. |
| 78·4 | 78·4 | 78·3 | 78·4 | 78·4 | 78·3 | 78·4 | 80·5 | 76·3 | 82·8 | 6 | 73·3 | 17 | July. |
| 77·4 | 77·3 | 77·5 | 77·2 | 77·0 | 77·1 | 77·6 | 79·7 | 75·6 | 81·7 | 7 | 74·3 | 28 | August. |
| 76·3 | 76·1 | 76·0 | 75·9 | 76·0 | 76·6 | 76·5 | 78·7 | 74·5 | 80·3 | 15 | 72·8 | 26 | September. |
| 77·2 | 77·2 | 77·1 | 77·1 | 76·9 | 76·8 | 77·5 | 80·0 | 75·1 | 82·7 | 16 | 72·3 | 17 | October. |
| 76·0 | 75·8 | 75·5 | 75·2 | 74·9 | 72·1 | 75·5 | 78·6 | 72·0 | 81·8 | 14 | 65·9 | 29 | November. |
| 70·6 | 70·8 | 70·2 | 69·5 | 68·7 | 67·3 | 69·0 | 72·0 | 65·7 | 75·8 | 8 | 61·9 | 16 | December. |
| 75.5 | 75·5 | 75·3 | 75·1 | 74·8 | 74·2 | 75·2 | 77·9 | 72·5 | 83·7 | VI | 58·3 | II | *Year.* |

*Data not available.

# XII.—MEAN HOURLY AND EXTREME WET BULB TEMPERATURES

(*Readings o*

| Month/Hours (I.S.T.) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | POONA. | | |
| January | 61·8 | 61·4 | 61·1 | 60·7 | 60·2 | 59·9 | 59·5 | 59·1 | 60·2 | 61·5 | 63·1 | 64·2 | 65·1 | 65·4 | 66·0 | 65·9 | 65·7 | 65 |
| February | 59·3 | 58·6 | 58·2 | 57·7 | 57·1 | 56·6 | 56·2 | 56·0 | 58·7 | 58·2 | 61·0 | 61·9 | 60·9 | 63·2 | 63·2 | 63·4 | 62·2 | 62 |
| March | 60·5 | 59·7 | 58·9 | 58·3 | 57·4 | 57·1 | 56·7 | 57·0 | 59·5 | 61·0 | 62·5 | 62·0 | 64·5 | 65·3 | 65·4 | 65·5 | 63·7 | 63 |
| April | 65·7 | 65·0 | 64·5 | 64·1 | 63·7 | 63·3 | 63·2 | 63·7 | 65·4 | 66·2 | 67·1 | 67·9 | 68·9 | 69·2 | 69·4 | 69·4 | 69·9 | 69 |
| May | 70·9 | 70·4 | 70·2 | 70·0 | 69·8 | 69·6 | 69·7 | 70·3 | 71·0 | 71·3 | 71·8 | 72·3 | 72·9 | 73·2 | 73·3 | 73·5 | 74·0 | 7 |
| June | 72·0 | 71·7 | 71·5 | 71·4 | 71·4 | 71·3 | 71·4 | 71·6 | 72·8 | 73·0 | 73·6 | 74·1 | 74·7 | 74·7 | 74·7 | 74·7 | 74·2 | 7 |
| July | 71·6 | 71·3 | 71·3 | 71·3 | 71·3 | 71·2 | 71·3 | 71·3 | 72·5 | 72·6 | 72·9 | 73·0 | 73·4 | 73·4 | 73·4 | 73·1 | 72·9 | 7 |
| August | 71·3 | 71·1 | 71·1 | 71·0 | 70·9 | 70·9 | 70·9 | 70·9 | 71·7 | 71·9 | 72·2 | 72·4 | 72·9 | 73·0 | 72·9 | 72·8 | 72·6 | 7 |
| September | 70·1 | 69·9 | 69·8 | 69·7 | 69·7 | 69·6 | 69·5 | 69·6 | 70·5 | 70·7 | 71·1 | 71·3 | 71·7 | 71·8 | 71·8 | 71·8 | 71·5 | 7 |
| October | 70·8 | 70·4 | 70·2 | 70·0 | 69·8 | 69·6 | 69·4 | 69·7 | 71·1 | 71·6 | 71·8 | 72·5 | 73·0 | 72·9 | 72·8 | 72·7 | 72·9 | 7 |
| November | 69·7 | 69·4 | 69·2 | 69·0 | 68·8 | 68·7 | 68·7 | 68·7 | 69·2 | 69·5 | 70·5 | 71·0 | 71·7 | 71·8 | 71·8 | 71·7 | 71·4 | 7 |
| December | 56·3 | 55·6 | 55·0 | 54·4 | 53·9 | 53·3 | 52·8 | 52·8 | 55·2 | 58·0 | 60·4 | 62·0 | 63·0 | 63·4 | 63·6 | 63·7 | 63·4 | 6 |
| *Year* | 66·7 | 66·2 | 65·9 | 65·6 | 65·3 | 65·1 | 64·9 | 65·1 | 66·5 | 67·1 | 68·2 | 68·7 | 69·4 | 69·8 | 69·9 | 69·9 | 69·5 | 6 |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | KODAIKANAL. | | |
| January | *48·1* | *47·8* | *47·2* | *47·0* | *46·7* | *46·7* | *46·6* | *47·3* | 49·5 | 51·6 | 52·8 | 53·6 | 54·3 | 54·5 | 54·3 | 53·9 | 53·2 | |
| February | 46·0 | 45·5 | 45·0 | 44·8 | 44·4 | 44·7 | 44·8 | 45·9 | 48·4 | 50·2 | 51·8 | 52·9 | 53·8 | 54·0 | 54·1 | 54·0 | 53·3 | |
| March | 47·1 | 46·5 | 46·3 | 46·3 | 45·6 | 45·6 | 45·8 | 47·5 | 49·5 | 51·3 | 52·6 | 53·5 | 54·0 | 54·0 | 54·2 | 54·3 | 54·0 | |
| April | 50·3 | 50·1 | 49·7 | 49·3 | 48·8 | 48·5 | 49·0 | 50·5 | 52·4 | 53·9 | 55·5 | 56·4 | 57·5 | 57·2 | 56·4 | 56·1 | 55·4 | |
| May | 54·2 | 54·1 | 53·7 | 53·5 | 53·1 | 52·7 | 53·3 | 55·5 | 57·0 | 58·2 | 59·0 | 59·7 | 60·5 | 60·5 | 59·3 | 58·6 | 58·6 | |
| June | 53·5 | 53·5 | 53·6 | 53·5 | 53·5 | 53·5 | 53·9 | 55·1 | 55·9 | 56·5 | 57·0 | 57·5 | 57·8 | 57·7 | 57·2 | 56·7 | 56·1 | |
| July | 52·6 | 52·6 | 52·5 | 52·4 | 52·2 | 52·5 | 53·1 | 54·2 | 55·7 | 56·4 | 57·3 | 57·8 | 58·0 | 57·9 | 57·4 | 56·9 | 55·9 | |
| August | 51·9 | 51·8 | 51·6 | 51·6 | 51·9 | 51·9 | 52·2 | 53·5 | 54·9 | 55·2 | 51·0 | 56·4 | 57·1 | 56·8 | 56·5 | 55·9 | 55·6 | |
| September | 50·8 | 50·6 | 50·4 | 50·4 | 50·3 | 50·3 | 50·9 | 51·9 | 53·8 | 55·5 | 56·8 | 57·3 | 57·5 | 57·5 | 57·5 | 56·9 | 56·2 | |
| October | 51·7 | 51·6 | 51·3 | 51·0 | 51·0 | 50·9 | 51·0 | 52·4 | 54·0 | 55·1 | 55·8 | 56·4 | 56·4 | 56·4 | 56·5 | 55·5 | 54·9 | |
| November | 51·6 | 51·3 | 51·0 | 50·6 | 50·4 | 50·2 | 50·4 | 51·9 | 53·6 | 54·7 | 55·6 | 56·1 | 56·2 | 56·4 | 56·1 | 55·7 | 54·8 | |
| December | 47·1 | 46·7 | *46·9* | *46·4* | *46·1* | *46·2* | *46·1* | *47·3* | 50·0 | 51·7 | 52·7 | 53·3 | 53·4 | 53·7 | 53·0 | 52·7 | 51·7 | |
| *Year* | 50·4 | 50·2 | 49·9 | 49·7 | 49·5 | 49·5 | 49·7 | 51·1 | 52·9 | 54·2 | 54·8 | 55·9 | 56·4 | 56·4 | 56·0 | 55·6 | 55·0 | |

Figures in italics are means of data which are not available for a complete month.

## °F) AT 8 STATIONS FOR THE YEAR 1948—*contd.*

*xact hours I.S.T.*)

| 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme. Max. | Date. | Min. | Date. | Hours (I.S.T.) Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64·9 | 64·3 | 63·9 | 63·5 | 62·9 | 62·5 | 62·8 | 66·1 | 58·9 | 70·2 | 26 | 47·8 | 6 | January. |
| 62·9 | 62·2 | 61·7 | 61·2 | 60·6 | 59·9 | 60·2 | 64·0 | 55·9 | 69·2 | 22 | 46·9 | 7 | February. |
| 63·0 | 62·5 | 61·7 | 61·4 | 62·3 | 61·4 | 61·9 | 66·0 | 56·8 | 69·7 | 27 | 48·7 | 16 | March. |
| 69·2 | 68·7 | 68·2 | 67·7 | 67·2 | 66·4 | 66·8 | 72·8 | 63·1 | 75·8 | 10 | 57·8 | 6 | April. |
| 73·2 | 72·8 | 72·3 | 72·0 | 71·7 | 71·4 | 71·7 | 74·2 | 69·5 | 78·8 | 24 | 64·7 | 2 | May. |
| 73·1 | 72·7 | 72·5 | 72·4 | 72·2 | 72·1 | 72·8 | 75·4 | 71·2 | 78·8 | 4 | 65·9 | 4 | June. |
| 72·4 | 72·1 | 71·9 | 71·8 | 71·7 | 71·7 | 72·2 | 73·6 | 71·1 | 75·9 | 6 | 69·8 | 17 | July. |
| 72·0 | 71·8 | 71·7 | 71·5 | 71·5 | 71·4 | 71·7 | 73·9 | 70·7 | 75·1 | 11 | 69·2 | 28 | August. |
| 71·0 | 70·8 | 70·6 | 70·5 | 70·3 | 70·2 | 70·6 | 72·0 | 69·4 | 74·1 | 22 | 67·5 | 19 | September. |
| 72·1 | 71·9 | 71·7 | 71·5 | 71·3 | 71·1 | 71·5 | 73·4 | 69·2 | 76·3 | 8 | 65·8 | 4 | October. |
| 70·9 | 70·5 | 70·3 | 69·8 | 69·6 | 69·6 | 70·1 | 72·3 | 68·4 | 75·8 | 6 | 62·2 | 30 | November. |
| 61·4 | 60·0 | 59·0 | 58·2 | 57·4 | 56·8 | 58·4 | 63·8 | 52·7 | 67·8 | 6 | 44·2 | 16 | December. |
| 68·8 | 68·4 | 68·0 | 67·6 | 67·4 | 67·0 | 67·6 | 70·6 | 64·7 | 78·8 | V, VI | 44·2 | XII | *Year.* |
| 51·0 | 50·0 | 49·5 | 48·9 | 48·5 | 48·2 | *50·1* | *55·4* | *44·0* | *58·0* | 22,27 | *39·0* | 28 | January. |
| 50·7 | 49·6 | 48·5 | 48·4 | 47·3 | 46·2 | 48·7 | 54·8 | 43·4 | 57·3 | 12 | 35·9 | 27 | February. |
| 51·8 | 50·6 | 49·8 | 49·2 | 48·3 | 47·9 | 50·0 | 55·7 | 43·8 | 60·4 | 17 | 35·6 | 3 | March. |
| 53·7 | 53·4 | 53·0 | 52·0 | 51·0 | 50·6 | 52·9 | 58·4 | 47·3 | 63·0 | 23 | 40·5 | 7 | April. |
| 56·7 | 55·3 | 54·8 | 54·7 | 54·6 | 54·3 | 56·3 | 61·4 | 52·2 | 68·3 | 25 | 48·0 | 16 | May. |
| 54·5 | 54·1 | 53·9 | 53·9 | 53·8 | 53·6 | 54·1 | 58·5 | 52·6 | 61·9 | 4 | 49·9 | 20 | June. |
| 54·1 | 53·3 | 52·9 | 53·1 | 53·1 | 52·9 | 54·6 | 58·1 | 51·5 | 61·8 | 30 | 48·6 | 1 | July. |
| 53·2 | 52·8 | 52·7 | 52·3 | 52·1 | 52·0 | 54·7 | 57·3 | 50·8 | 61·1 | 4 | 47·0 | 30 | August. |
| 54·1 | 52·9 | 52·4 | 51·9 | 51·5 | 50·9 | 53·5 | 58·3 | 49·0 | 61·2 | 13 | 42·7 | 24 | September. |
| 53·1 | 52·8 | 52·8 | 52·3 | 52·4 | 51·9 | 54·4 | 56·5 | 49·6 | 61·1 | 10 | 44·2 | 26 | October. |
| 53·0 | 52·4 | 52·3 | 52·1 | 52·1 | 51·7 | 53·1 | 57·0 | 49·4 | 60·1 | 19 | 41·6 | 27 | November. |
| 48·9 | 48·0 | 47·7 | 47·2 | 47·0 | 47·0 | *49·2* | *54·5* | *44·1* | *59·5* | 2 | *31·8* | 27 | December. |
| 52·9 | 52·2 | 51·7 | 51·3 | 51·0 | 50·6 | 52·6 | 57·2 | 48·1 | 68·3 | V | 31·8 | XII | *Year.* |

# Table XIIA.—Frequency of days when maximum wet bulb temperature was within specified limits at 8 stations for the year 1948.

## *Calcutta.*

| Maximum wet bulb temperature °F / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | .. | .. | 16 | 14 | 1 | .. | .. | .. | .. |
| February (c) | .. | .. | .. | .. | 1 | 6 | 6 | 8 | 6 | 1 | .. | .. |
| March* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| April* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| May* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| June* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| July* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| August(e) | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 24 | .. | .. |
| September* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November(e) | .. | .. | .. | .. | .. | 1 | 7 | 8 | 9 | 1 | .. | .. |
| December(b) | .. | .. | .. | .. | 1 | 15 | 13 | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## *Allahabad (Bamrauli).*

| Maximum wet bulb temperature °F. / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | 3 | 16 | 12 | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 5 | 10 | 8 | 4 | 1 | 1 | .. | .. | .. |
| March(a) | .. | .. | .. | .. | 3 | 12 | 12 | 2 | 1 | .. | .. | .. |
| April | .. | .. | .. | .. | .. | 1 | 8 | 11 | 6 | 1 | 1 | [illegible] |
| May(a) | .. | .. | .. | .. | .. | 1 | 2 | 14 | 12 | 1 | .. | .. |
| June(d) | .. | .. | .. | .. | .. | .. | .. | 2 | 9 | 14 | 1 | 1 |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 15 | .. | .. |
| August(a) | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 21 | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 18 | 12 | .. | .. |
| October* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| November* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| December* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## *Jamshedpur.*

| Maximum wet bulb temperature °F / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | .. | .. | .. | 22 | 9 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | 3 | 11 | 12 | 3 | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 1 | 6 | 11 | 13 | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | 3 | 7 | 20 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 15 | 16 | .. | .. |
| June(b) | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 13 | .. | .. |
| July(a) | .. | .. | .. | .. | .. | .. | .. | .. | 11 | 19 | .. | .. |
| August(b) | .. | .. | .. | .. | .. | .. | .. | .. | 27 | 2 | .. | .. |
| September(c) | .. | .. | .. | .. | .. | .. | .. | .. | 28 | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 4 | 8 | 19 | .. | .. | .. |
| November | .. | .. | .. | .. | .. | 5 | 12 | 9 | 4 | .. | .. | .. |
| December | .. | .. | .. | .. | 12 | 19 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | 16 | 63 | 51 | 40 | 140 | 50 | .. | .. |

## *New Delhi.*

| Maximum wet bulb temperature °F. / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January | .. | .. | 1 | 8 | 15 | 4 | .. | .. | .. | .. | .. | .. |
| February | .. | 1 | 3 | 4 | 10 | 6 | 2 | .. | .. | .. | .. | .. |
| March | .. | .. | .. | 1 | 1 | 16 | 2 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | 1 | 3 | 10 | 5 | .. | .. | .. | .. |
| May | .. | .. | .. | .. | .. | 3 | 11 | 8 | 7 | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | 1 | 13 | 15 | 1 | .. | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 3 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 14 | .. | .. |
| September] | .. | .. | .. | .. | .. | .. | .. | 4 | 16 | 9 | .. | .. |
| October | .. | .. | .. | .. | .. | 3 | 6 | 8 | 14 | .. | .. | .. |
| November | .. | .. | .. | .. | 15 | 14 | 1 | .. | .. | .. | .. | .. |
| December | .. | .. | .. | 8 | 19 | 4 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | 1 | 4 | 21 | 61 | 53 | 33 | 38 | 75 | 27 | .. | .. |

## *Gaya.*

| Maximum wet bulb temperature °F / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| February* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | .. | 3 | 11 | 16 | 1 | .. | .. | .. | .. |
| April(p) | .. | .. | .. | .. | .. | .. | 4 | 5 | 5 | 1 | .. | .. |
| May(b) | .. | .. | .. | .. | .. | .. | .. | 2 | 9 | 17 | 1 | .. |
| June | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 23 | 4 | .. |
| July | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 28 | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | .. | 9 | 22 | .. | .. |
| September | .. | .. | .. | .. | .. | .. | .. | .. | 13 | 12 | 5 | .. |
| October | .. | .. | .. | .. | .. | .. | 6 | 2 | 21 | 2 | .. | .. |
| November | .. | .. | .. | .. | .. | 6 | 15 | 9 | .. | .. | .. | .. |
| December | .. | .. | .. | .. | 7 | 24 | .. | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |

## *Bombay.*

| Maximum wet bulb temperature °F. / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| January(f) | .. | .. | .. | .. | .. | .. | 3 | 20 | 2 | .. | .. | .. |
| February(f) | .. | .. | .. | .. | .. | 1 | 4 | 13 | 7 | .. | .. | .. |
| March | .. | .. | .. | .. | .. | .. | 2 | 5 | 24 | .. | .. | .. |
| April(a) | .. | .. | .. | .. | .. | .. | .. | .. | 22 | 8 | .. | .. |
| May | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 25 | .. | .. |
| June(d) | .. | .. | .. | .. | .. | .. | .. | .. | 3 | 24 | .. | .. |
| July(c) | .. | .. | .. | .. | .. | .. | .. | .. | 16 | 12 | .. | .. |
| August(d)] | .. | .. | .. | .. | .. | .. | .. | .. | 19 | 8 | .. | .. |
| September(b) | .. | .. | .. | .. | .. | .. | .. | .. | 29 | .. | .. | .. |
| October(h) | .. | .. | .. | .. | .. | .. | .. | .. | 17 | 6 | .. | .. |
| November(e) | .. | .. | .. | .. | .. | .. | .. | 3 | 18 | 5 | .. | .. |
| December(b) | .. | .. | .. | .. | .. | .. | 4 | 24 | 1 | .. | .. | .. |
| *Year* | .. | .. | .. | .. | .. | 1 | 13 | 65 | 164 | 88 | .. | .. |

(a) Observations for 30 days.
(b) Observations for 29 days.
(c) Observations for 28 days.
(d) Observations for 27 days

*Data not available.

(e) Observations for 26 days.
(f) Observations for 25 days.
(h) Observations for 23 days.
(p) Observations for 25 days.

## Table XIIA.—Frequency of days when maximum wet bulb temperature was within specified limits at 8 stations for the year 1948—*contd.*

| Maximum wet bulb temperature °F. / Month. | ≤40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | > 90 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ***Poona.*** | | | | | | | | | | | | |
| January | .. | .. | .. | .. | 2 | 10 | 19 | .. | .. | .. | .. | .. |
| February | .. | .. | .. | .. | 5 | 13 | 11 | .. | .. | .. | .. | .. |
| March(*a*) | .. | .. | .. | .. | .. | 9 | 21 | .. | .. | .. | .. | .. |
| April | .. | .. | .. | .. | .. | .. | 17 | 12 | 1 | .. | .. | .. |
| May | .. | .. | .. | .. | .. | 2 | 18 | 11 | .. | .. | .. | .. |
| June | .. | .. | .. | .. | .. | .. | 1 | 29 | .. | .. | .. | .. |
| July | .. | .. | .. | .. | .. | .. | 4 | 27 | .. | .. | .. | .. |
| August | .. | .. | .. | .. | .. | .. | .. | 31 | .. | .. | .. | .. |
| September | .. | .. | .. | .. | .. | .. | 2 | 28 | .. | .. | .. | .. |
| October | .. | .. | .. | .. | .. | .. | 1 | 26 | 4 | .. | .. | .. |
| November(*b*) | .. | .. | .. | .. | .. | .. | 7 | 21 | 1 | .. | .. | .. |
| December | .. | .. | .. | .. | 3 | 18 | 10 | .. | .. | .. | .. | .. |
| *Year* | .. | .. | .. | .. | 10 | 52 | 111 | 185 | 6 | .. | .. | .. |
| ***Kodaikanal.*** | | | | | | | | | | | | |
| January | .. | .. | .. | 14 | 17 | .. | .. | .. | .. | .. | .. | .. |
| February | .. | .. | .. | 17 | 12 | .. | .. | .. | .. | .. | .. | .. |
| March | .. | .. | .. | 13 | 18 | .. | .. | .. | .. | .. | .. | .. |
| April | .. | .. | .. | 2 | 22 | 6 | .. | .. | .. | .. | .. | .. |
| May | .. | .. | .. | .. | 8 | 23 | .. | .. | .. | .. | .. | .. |
| June | .. | .. | .. | .. | 22 | 8 | .. | .. | .. | .. | .. | .. |
| July | .. | .. | .. | .. | 26 | 5 | .. | .. | .. | .. | .. | .. |
| August | .. | .. | .. | 3 | 25 | 3 | .. | .. | .. | .. | .. | .. |
| September | .. | .. | .. | .. | 28 | 2 | .. | .. | .. | .. | .. | .. |
| October | .. | .. | .. | 8 | 20 | 3 | .. | .. | .. | .. | .. | .. |
| November | .. | .. | .. | 6 | 24 | .. | .. | .. | .. | .. | .. | .. |
| December | .. | 1 | 3 | 12 | 15 | .. | .. | .. | .. | .. | .. | .. |
| *Year* | .. | 1 | 1 | 75 | 237 | 50 | .. | .. | .. | .. | .. | .. |

(*a*) Observations for 30 days.
(*b*) Observations for 29 days.

## Table XIII.—Mean hourly and extreme relative humidity (%) a

*(Readings at ex*

| Month/Hours (I.S.T.). | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | CALCUTTA. |
| January | 91 | 93 | 93 | 93 | 93 | 92 | 94 | 93 | 82 | 61 | 58 | 48 | 45 | 45 |
| February | 89 | 90 | 91 | 91 | 91 | 92 | 92 | 91 | 77 | 60 | 52 | 48 | 46 | 44 |
| March | 84 | 85 | 86 | 85 | 87 | 87 | 88 | 83 | 66 | 52 | 45 | 41 | 37 | 35 |
| April | 86 | 88 | 89 | 88 | 89 | 90 | 89 | 85 | 74 | 66 | 60 | 56 | 54 | 53 |
| May | 84 | 85 | 86 | 87 | 87 | 87 | 87 | 83 | 78 | 69 | 67 | 65 | 65 | 63 |
| June | 89 | 89 | 89 | 89 | 90 | 90 | 89 | 86 | 81 | 75 | 72 | 71 | 71 | 70 |
| July | 89 | 90 | 90 | 90 | 90 | 90 | 90 | 88 | 85 | 81 | 78 | 77 | 75 | 77 |
| August | 90 | 90 | 90 | 91 | 91 | 91 | 91 | 89 | 87 | 83 | 81 | 78 | 78 | 77 |
| September | 92 | 92 | 93 | 92 | 93 | 93 | 93 | 91 | 86 | 80 | 76 | 74 | 75 | 75 |
| October | 92 | 93 | 93 | 94 | 94 | 95 | 95 | 93 | 82 | 71 | 67 | 63 | 65 | 65 |
| November | 93 | 93 | 94 | 94 | 94 | 95 | 95 | 94 | 78 | 69 | 66 | 63 | 62 | 64 |
| December | 92 | 93 | 93 | 93 | 93 | 93 | 94 | 92 | 79 | 61 | 52 | 48 | 45 | 46 |
| *Year* | 89 | 90 | 91 | 91 | 91 | 91 | 91 | 89 | 79 | 69 | 64 | 61 | 60 | 59 |
| | | | | | | | | | | | | | | ALLAHABAD (BAMRAUI |
| January | 91 | 91 | 91 | 93 | 95 | 95 | 96 | 91 | 77 | 61 | 55 | 51 | 49 | 48 |
| February | 70 | 71 | 73 | 73 | 77 | 79 | 80 | 72 | 56 | 45 | 39 | 37 | 33 | 32 |
| March | 39 | 41 | 44 | 48 | 50 | 51 | 52 | 46 | 38 | 29 | 25 | 21 | 18 | 17 |
| April | 29 | 31 | 32 | 34 | 36 | 38 | 38 | 33 | 28 | 22 | 20 | 17 | 16 | 14 |
| May | 33 | 35 | 37 | 39 | 41 | 44 | 43 | 39 | 34 | 27 | 23 | 19 | 16 | 15 |
| June | 45 | 47 | 48 | 49 | 51 | 51 | 50 | 46 | 45 | 42 | 36 | 39 | 34 | 33 |
| July | 84 | 91 | 92 | 92 | 92 | 93 | 91 | 88 | 83 | 78 | 76 | 73 | 72 | 72 |
| August | 92 | 92 | 92 | 92 | 93 | 93 | 91 | 89 | 85 | 78 | 77 | 75 | 72 | 72 |
| September | 93 | 93 | 93 | 94 | 94 | 94 | 93 | 90 | 86 | 76 | 75 | 73 | 70 | 71 |
| October | 90 | 93 | 93 | 93 | 91 | 91 | 92 | 83 | 72 | 60 | 52 | 50 | 50 | 47 |
| November | 88 | 90 | 92 | 93 | 93 | 93 | 93 | 88 | 74 | 57 | 52 | 50 | 45 | 43 |
| December | 94 | 96 | 96 | 96 | 97 | 96 | 97 | 94 | 80 | 55 | 49 | 41 | 38 | 37 |
| *Year* | 71 | 73 | 74 | 75 | 76 | 77 | 76 | 72 | 63 | 53 | 48 | 45 | 43 | 42 |
| | | | | | | | | | | | | | | NEW DEL |
| January | 83 | 84 | 85 | 85 | 86 | 86 | 86 | 86 | 78 | 68 | 61 | 54 | 51 | 48 |
| February | 70 | 71 | 72 | 73 | 74 | 74 | 75 | 73 | 65 | 57 | 50 | 42 | 42 | 39 |
| March | 61 | 62 | 64 | 66 | 67 | 69 | 68 | 64 | 56 | 49 | 42 | 37 | 33 | 33 |
| April | 27 | 31 | 32 | 34 | 36 | 36 | 36 | 32 | 28 | 24 | 19 | 16 | 14 | 13 |
| May | 27 | 29 | 29 | 30 | 31 | 31 | 31 | 29 | 26 | 23 | 20 | 17 | 16 | 15 |
| June | 32 | 33 | 36 | 37 | 39 | 41 | 41 | 39 | 34 | 31 | 29 | 24 | 24 | 23 |
| July | 79 | 80 | 79 | 79 | 79 | 79 | 79 | 75 | 71 | 68 | 65 | 60 | 61 | 60 |
| August | 84 | 84 | 84 | 84 | 85 | 85 | 84 | 83 | 82 | 78 | 76 | 74 | 74 | 73 |
| September | 86 | 86 | 86 | 86 | 87 | 86 | 86 | 79 | 71 | 65 | 62 | 59 | 57 | 55 |
| October | 75 | 75 | 76 | 77 | 79 | 79 | 80 | 72 | 61 | 53 | 47 | 43 | 40 | 37 |
| November | 67 | 68 | 69 | 70 | 71 | 71 | 68 | 67 | 53 | 44 | 35 | 30 | 26 | 24 |
| December | 75 | 76 | 77 | 79 | 80 | 81 | 81 | 80 | 66 | 53 | 45 | 40 | 36 | 34 |
| *Year* | 64 | 65 | 66 | 67 | 68 | 68 | 68 | 65 | 8 | 51 | 46 | 41 | 39 | 38 |

*The hours in this case refer to L.M.T.

stations for the year 1948.

urs I.S.T.)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extreme. Max. | Extreme. Min. | Hours (I.S.T). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 46 | 50 | 56 | 64 | 73 | 79 | 84 | 89 | 89 | 73 | 97 | 43 | 100 | 31 | January. |
| 45 | 46 | 48 | 53 | 61 | 66 | 72 | 77 | 81 | 86 | 70 | 95 | 42 | 100 | 26 | February. |
| 35 | 36 | 38 | 44 | 52 | 62 | 71 | 78 | 80 | 83 | 64 | 93 | 33 | 98 | 18 | March. |
| 53 | 56 | 59 | 66 | 73 | 77 | 79 | 82 | 83 | 84 | 73 | 91 | 52 | 99 | 24 | April. |
| 63 | 65 | 70 | 73 | 78 | 80 | 82 | 83 | 84 | 84 | 77 | 89 | 60 | 93 | 53 | May. |
| 69 | 71 | 73 | 77 | 80 | 84 | 85 | 87 | 87 | 88 | 81 | 91 | 65 | 95 | 47 | June. |
| 79 | 80 | 80 | 82 | 85 | 86 | 87 | 88 | 89 | 89 | 85 | 91 | 71 | 93 | 56 | July. |
| 81 | 83 | 83 | 85 | 87 | 88 | 89 | 90 | 89 | 90 | 86 | 92 | 73 | 95 | 57 | August. |
| 77 | 79 | 83 | 85 | 87 | 89 | 89 | 91 | 90 | 91 | 86 | 93 | 71 | 95 | 56 | September. |
| 65 | 68 | 71 | 76 | 81 | 84 | 87 | 89 | 90 | 91 | 82 | 93 | 59 | 100 | 31 | October. |
| 65 | 67 | 67 | 75 | 80 | 84 | 86 | 88 | 91 | 92 | 81 | 97 | 57 | 100 | 42 | November. |
| 46 | 47 | 50 | 60 | 71 | 78 | 83 | 87 | 89 | 91 | 74 | 96 | 43 | 100 | 33 | December. |
| 60 | 62 | 64 | 69 | 75 | 79 | 82 | 85 | 87 | 88 | 78 | 93 | 56 | 100 | 18 | *Year.* |
| 48 | 46 | 55 | 65 | 72 | 76 | 80 | 82 | 82 | 88 | 74 | 98 | 43 | 100 | 22 | January. |
| 31 | 26 | 31 | 39 | 46 | 50 | 55 | 54 | 61 | 65 | 55 | 83 | 27 | 97 | 10 | February. |
| 16 | 15 | 15 | 18 | 19 | 26 | 29 | 32 | 34 | 36 | 32 | 54 | 14 | 78 | 6 | March. |
| 12 | 13 | 13 | 16 | 16 | 19 | 20 | 23 | 24 | 27 | 24 | 39 | 13 | 62 | 2 | April. |
| 14 | 13 | 13 | 15 | 17 | 20 | 23 | 25 | 27 | 29 | 27 | 46 | 12 | 67 | 0 | May. |
| 32 | 32 | 33 | 35 | 37 | 39 | 41 | 42 | 44 | 45 | 41 | 51 | 29 | 96 | 3 | June. |
| 72 | 75 | 76 | 79 | 83 | 85 | 87 | 88 | 88 | 89 | 84 | 95 | 65 | 98 | 44 | July. |
| 73 | 75 | 78 | 81 | 85 | 88 | 90 | 91 | 91 | 92 | 85 | 94 | 67 | 98 | 54 | August. |
| 71 | 74 | 77 | 82 | 87 | 89 | 90 | 91 | 92 | 93 | 85 | 95 | 64 | 100 | 48 | September. |
| 46 | 48 | 54 | 64 | 71 | 77 | 81 | 85 | 87 | 89 | 74 | 95 | 44 | 100 | 15 | October. |
| 43 | 46 | 53 | 64 | 71 | 76 | 81 | 84 | 86 | 87 | 72 | 96 | 41 | 100 | 17 | November. |
| 35 | 37 | 46 | 60 | 73 | 79 | 85 | 92 | 91 | 92 | 73 | 98 | 34 | 100 | 21 | December. |
| 41 | 42 | 45 | 51 | 56 | 60 | 63 | 66 | 67 | 78 | 61 | 79 | 38 | 100 | 0 | *Year.* |
| 48 | 48 | 50 | 59 | 69 | 79 | 79 | 80 | 80 | 81 | 72 | 90 | 46 | 100 | 23 | January. |
| 39 | 39 | 40 | 43 | 52 | 58 | 62 | 64 | 66 | 69 | 59 | 79 | 36 | 98 | 11 | February. |
| 32 | 31 | 32 | 35 | 41 | 47 | 50 | 53 | 55 | 59 | 50 | 70 | 29 | 93 | 8 | March. |
| 12 | 12 | 11 | 12 | 14 | 17 | 20 | 22 | 24 | 25 | 23 | 38 | 11 | 54 | 3 | April. |
| 13 | 13 | 13 | 14 | 16 | 18 | 21 | 24 | 25 | 26 | 23 | 35 | 11 | 72 | 0 | May. |
| 22 | 22 | 22 | 23 | 24 | 25 | 27 | 29 | 30 | 31 | 29 | 45 | 20 | 74 | 7 | June. |
| 61 | 62 | 61 | 64 | 68 | 71 | 72 | 74 | 77 | 79 | 71 | 86 | 65 | 94 | 19 | July. |
| 72 | 74 | 75 | 78 | 84 | 87 | 88 | 89 | 87 | 87 | 84 | 92 | 67 | 97 | 54 | August. |
| 55 | 57 | 57 | 61 | 69 | 75 | 81 | 84 | 85 | 85 | 73 | 90 | 52 | 99 | 32 | September. |
| 36 | 38 | 40 | 48 | 59 | 62 | 66 | 69 | 72 | 74 | 61 | 83 | 35 | 94 | 10 | October. |
| 23 | 24 | 24 | 37 | 48 | 52 | 58 | 60 | 62 | 64 | 51 | 75 | 33 | 92 | 10 | November. |
| 33 | 33 | 37 | 45 | 55 | 60 | 64 | 67 | 71 | 73 | 60 | 84 | 32 | 94 | 15 | December. |
| 37 | 38 | 39 | 43 | 50 | 54 | 57 | 60 | 61 | 63 | 55 | 72 | 36 | 100 | 0 | *Year.* |

## Table XIII.—Mean hourly and extreme relative humidity (%)

(*Readings at ex*

| Month/Hours (I.S.T.). | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | JODHPU |
| January | 46 | 48 | 50 | 52 | 54 | 56 | 58 | 59 | 60 | 57 | 53 | 49 | 44 | 40 |
| ebruary | 49 | 51 | 54 | 57 | 60 | 61 | 64 | 65 | 61 | 57 | 51 | 45 | 41 | 37 |
| March | 33 | 35 | 38 | 39 | 43 | 46 | 48 | 49 | 43 | 38 | 30 | 23 | 20 | 18 |
| April | 33 | 34 | 36 | 39 | 42 | 46 | 49 | 50 | 46 | 40 | 35 | 31 | 27 | 24 |
| May | 29 | 33 | 39 | 43 | 48 | 53 | 60 | 58 | 51 | 45 | 38 | 31 | 24 | 21 |
| June | 46 | 50 | 54 | 57 | 62 | 66 | 69 | 67 | 60 | 55 | 49 | 44 | 37 | 32 |
| July | 64 | 67 | 68 | 71 | 73 | 75 | 76 | 75 | 70 | 67 | 63 | 58 | 54 | 51 |
| August | 83 | 84 | 85 | 85 | 86 | 87 | 87 | 86 | 81 | 77 | 73 | 70 | 68 | 65 |
| September | 59 | 61 | 64 | 67 | 67 | 70 | 73 | 71 | 64 | 59 | 54 | 47 | 46 | 43 |
| October | 40 | 41 | 44 | 47 | 49 | 53 | 56 | 56 | 50 | 43 | 36 | 29 | 24 | 20 |
| November | 27 | 28 | 29 | 30 | 32 | 38 | 35 | 35 | 34 | 31 | 27 | 23 | 19 | 17 |
| December | 45 | 47 | 49 | 51 | 52 | 53 | 57 | 54 | 51 | 44 | 37 | 31 | 28 | 26 |
| *Year* | 46 | 48 | 51 | 53 | 56 | 58 | 61 | 60 | 56 | 51 | 46 | 40 | 36 | 33 |
| | | | | | | | | | | | | | | NAGPU |
| January | 87 | 88 | 88 | 89 | 89 | 89 | 89 | 89 | 86 | 78 | 72 | 66 | 60 | 56 |
| February | 75 | 77 | 79 | 81 | 83 | 84 | 84 | 82 | 71 | 62 | 55 | 49 | 43 | 39 |
| March | 53 | 56 | 59 | 61 | 64 | 66 | 68 | 65 | 55 | 47 | 41 | 36 | 32 | 29 |
| April | *42* | *45* | *48* | *50* | *52* | *55* | *55* | *50* | 43 | 37 | 32 | 29 | 26 | *22* |
| May | 18 | *20* | *22* | *25* | *27* | *30* | *30* | *27* | *23* | *20* | *16* | *12* | *10* | *8* |
| June (*b*) | 61 | 62 | 63 | 64 | 65 | 67 | 67 | 63 | 69 | 53 | 46 | 42 | 39 | 37 |
| July | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 83 | *78* | *76* | *73* | *72* | *69* | *69* |
| August (*a*) | 85 | 86 | 86 | 86 | 86 | 86 | 86 | 83 | 77 | 74 | 72 | 70 | 68 | 68 |
| September | 86 | 86 | 86 | 86 | 86 | 86 | 86 | 82 | *77* | *74* | *71* | *68* | *68* | *66* |
| October | *83* | *84* | *84* | *86* | *85* | *85* | *85* | *77* | 63 | 55 | 49 | *43* | 39 | 37 |
| November | 81 | 82 | 82 | 83 | 83 | 83 | 83 | 78 | 70 | 61 | 61 | 58 | 55 | 55 |
| December | 80 | 81 | 82 | 83 | 84 | 85 | 85 | 79 | 63 | 53 | 42 | 37 | 33 | 31 |
| *Year* | 70 | 71 | 72 | 71 | 74 | 75 | 75 | 71 | 65 | 57 | 53 | 49 | 45 | 43 |
| | | | | | | | | | | | | | | BOMBA |
| January | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 75 | 71 | 68 | 63 | 62 | 61 | 63 |
| February | 73 | 73 | 75 | 75 | 76 | 75 | 75 | 72 | 66 | 61 | 55 | 56 | 56 | 57 |
| March | 76 | 78 | 80 | 80 | 80 | 80 | 78 | 73 | 67 | 64 | 61 | 59 | 60 | 59 |
| April | 81 | 82 | 82 | 82 | 82 | 83 | 81 | 77 | 72 | 70 | 69 | 68 | 67 | 65 |
| May | 77 | 77 | 77 | 78 | 77 | 78 | 76 | 72 | 69 | 66 | 65 | 65 | 64 | 64 |
| June | 85 | 84 | 85 | 85 | 86 | 85 | 84 | 83 | 81 | 79 | 78 | 77 | 77 | 76 |
| July | 87 | 86 | 87 | 87 | 87 | 87 | 87 | 87 | 86 | 85 | 84 | 84 | 84 | 84 |
| August | 88 | 88 | 88 | 89 | 89 | 88 | 89 | 88 | 87 | 86 | 84 | 84 | 83 | 83 |
| September | 87 | 88 | 88 | 88 | 89 | 89 | 90 | 88 | 86 | 85 | 82 | 81 | 80 | 80 |
| October | 89 | 90 | 90 | 90 | 91 | 91 | 91 | 88 | 86 | 83 | 80 | 78 | 77 | 77 |
| November | 81 | 81 | 81 | 81 | 81 | 81 | 81 | 78 | 75 | 72 | 69 | 67 | 66 | 65 |
| December | 73 | 73 | 73 | 74 | 74 | 73 | 72 | 69 | 64 | 61 | 57 | 54 | 49 | 47 |
| *Year* | 81 | 81 | 82 | 82 | 83 | 82 | 82 | 79 | 76 | 73 | 71 | 70 | 69 | 69 |

(*a*) Observations for 30 days.
(*b*) Observations for 29 days.
* hours in this case refer to L.M.T.

Figures in italics are means of data which not available for a complete month.

## 9 stations for the year 1948—*contd.*

*hours I.S.T.*)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of Max. | Mean of Min. | Extremes Max. | Extremes Min. | Hours (I.S.T.). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36 | 32 | 29 | 28 | 31 | 35 | 37 | 39 | 42 | 44 | 45 | 63 | 24 | 79 | 5 | January. |
| 33 | 31 | 29 | 29 | 31 | 37 | 40 | 42 | 45 | 47 | 46 | 69 | 24 | 100 | 0 | February. |
| 17 | 16 | 16 | 17 | 19 | 23 | 26 | 28 | 29 | 30 | 30 | 51 | 14 | 100 | 0 | March. |
| 22 | 21 | 20 | 21 | 21 | 24 | 26 | 29 | 31 | 31 | 32 | 52 | 19 | 79 | 12 | April. |
| 17 | 15 | 16 | 14 | 15 | 17 | 19 | 24 | 24 | 27 | 32 | 60 | 11 | 100 | 0 | May. |
| 30 | 28 | 27 | 27 | 28 | 30 | 32 | 35 | 39 | 42 | 45 | 71 | 25 | 87 | 6 | June. |
| 49 | 48 | 47 | 48 | 51 | 54 | 56 | 63 | 62 | 63 | 61 | 79 | 45 | 99 | 26 | July. |
| 65 | 63 | 62 | 64 | 66 | 71 | 74 | 77 | 78 | 80 | 76 | 89 | 59 | 98 | 43 | August. |
| 39 | 37 | 35 | 38 | 41 | 44 | 47 | 50 | 53 | 56 | 54 | 74 | 34 | 85 | 11 | September. |
| 18 | 17 | 17 | 20 | 24 | 28 | 31 | 32 | 34 | 37 | 37 | 59 | 16 | 84 | 4 | October. |
| 16 | 15 | 15 | 17 | 21 | 25 | 25 | 25 | 26 | 27 | 26 | 41 | 13 | 76 | 2 | November. |
| 24 | 24 | 25 | 28 | 33 | 36 | 39 | 41 | 42 | 40 | 40 | 59 | 23 | 88 | 8 | December. |
| 31 | 29 | 28 | 29 | 32 | 35 | 38 | 39 | 42 | 44 | 44 | 64 | 25 | 100 | 0 | *Year.* |
| 54 | 54 | 56 | 62 | 69 | 74 | 78 | 81 | 84 | 86 | 76 | 89 | 52 | 91 | 32 | January. |
| 38 | 37 | 37 | 40 | 47 | 53 | 58 | 59 | 67 | 66 | 57 | 85 | 33 | 90 | 23 | February. |
| 28 | 28 | 28 | 29 | 32 | 36 | 40 | 45 | 48 | 52 | 47 | 69 | 26 | 89 | 14 | March. |
| *21* | *20* | *21* | *23* | *26* | *28* | *30* | *34* | *37* | *39* | *35* | *56* | *20* | 92 | 12 | April. |
| *6* | *6* | 5 | 6 | 8 | 9 | 11 | 12 | 14 | 16 | *15* | *30* | *6* | 60 | 0 | May. |
| 35 | 42 | 39 | 44 | 47 | 51 | 53 | 56 | 59 | 61 | 51 | 70 | 29 | 92 | 3 | June. |
| *70* | *73* | 73 | 75 | 78 | 81 | 82 | 82 | 85 | 86 | *80* | *89* | *63* | 97 | 30 | July. |
| 67 | 69 | 71 | 74 | 78 | 79 | 83 | 83 | 84 | 85 | 79 | 87 | 61 | 91 | 34 | August. |
| *65* | *67* | *71* | *76* | *82* | *84* | *85* | *85* | *86* | *86* | *79* | *85* | *59* | 96 | 32 | September. |
| 38 | 39 | 44 | 53 | 60 | 56 | 73 | 76 | 79 | 82 | *64* | *86* | *32* | 90 | 9 | October. |
| 59 | 60 | 63 | 70 | 75 | 78 | 81 | 82 | 83 | 83 | 73 | 87 | 53 | 93 | 25 | November. |
| 29 | 29 | 35 | 40 | 47 | 56 | 63 | 69 | 74 | 77 | 60 | 87 | 29 | 94 | 11 | December. |
| 43 | 44 | 45 | 49 | 54 | 57 | 61 | 64 | 67 | 68 | 60 | 77 | 38 | 97 | 0 | *Year.* |
| 64 | 66 | 69 | 73 | 74 | 75 | 75 | 75 | 76 | 71 | 72 | 82 | 57 | 92 | 36 | January. |
| 59 | 60 | 62 | 66 | 69 | 70 | 71 | 72 | 73 | 73 | 67 | 83 | 50 | 92 | 26 | February. |
| 59 | 60 | 63 | 68 | 70 | 73 | 74 | 74 | 75 | 77 | 70 | 84 | 52 | 93 | 27 | March. |
| 65 | 65 | 68 | 71 | 75 | 77 | 78 | 79 | 80 | 79 | 75 | 85 | 63 | 91 | 49 | April |
| 64 | 65 | 67 | 71 | 73 | 74 | 75 | 76 | 76 | 79 | 72 | 79 | 63 | 83 | 59 | May. |
| 76 | 77 | 79 | 81 | 82 | 83 | 83 | 83 | 85 | 83 | 82 | 88 | 73 | 100 | 59 | June. |
| 84 | 84 | 84 | 85 | 85 | 86 | 86 | 86 | 87 | 86 | 86 | 90 | 80 | 99 | 70 | July. |
| 82 | 83 | 83 | 84 | 85 | 86 | 87 | 87 | 87 | 87 | 86 | 91 | 80 | 98 | 72 | August. |
| 80 | 80 | 81 | 83 | 84 | 85 | 86 | 87 | 88 | 87 | 85 | 92 | 77 | 98 | 68 | September. |
| 77 | 79 | 81 | 82 | 84 | 85 | 87 | 88 | 88 | 87 | 85 | 93 | 74 | 98 | 55 | October. |
| 69 | 70 | 72 | 75 | 77 | 77 | 78 | 79 | 80 | 79 | 76 | 86 | 63 | 94 | 46 | November. |
| 49 | 54 | 59 | 65 | 68 | 71 | 71 | 71 | 71 | 74 | 65 | 79 | 46 | 84 | 30 | December. |
| 69 | 70 | 72 | 75 | 77 | 78 | 79 | 80 | 80 | 80 | 77 | 86 | 65 | 100 | 26 | *Year.* |

## Table XIII.—Mean hourly and extreme relative humidity (%) at

*(Readings at exact*

| Month/Hours (I.S.T.). | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **POONA.** | | | | | | | | | | | | | | |
| January | 84 | 86 | 86 | 87 | 88 | 89 | 89 | 88 | 74 | 60 | 51 | 45 | 42 | 39 |
| February | 71 | 74 | 76 | 78 | 79 | 80 | 82 | 78 | 56 | 37 | 29 | 24 | 22 | 20 |
| March | 47 | 51 | 53 | 55 | 58 | 61 | 64 | 59 | 40 | 27 | 21 | 16 | 13 | 12 |
| April | 48 | 50 | 52 | 53 | 55 | 58 | 59 | 52 | 37 | 28 | 23 | 19 | 16 | 15 |
| May | 70 | 71 | 72 | 73 | 73 | 74 | 72 | 63 | 53 | 45 | 37 | 33 | 29 | 27 |
| June | 80 | 81 | 82 | 82 | 82 | 83 | 81 | 76 | 71 | 66 | 61 | 58 | 55 | 55 |
| July | 85 | 85 | 86 | 86 | 85 | 86 | 86 | 80 | 78 | 77 | 74 | 71 | 72 | 71 |
| August | 89 | 89 | 89 | 89 | 89 | 89 | 89 | 82 | 73 | 71 | 73 | 72 | 70 | 70 |
| September | 87 | 87 | 88 | 88 | 88 | 88 | 88 | 83 | 76 | 71 | 67 | 64 | 61 | 60 |
| October | 90 | 90 | 90 | 90 | 91 | 91 | 91 | 87 | 78 | 67 | 59 | 53 | 49 | 46 |
| November | 90 | 90 | 90 | 90 | 90 | 91 | 90 | 90 | 84 | 76 | 70 | 64 | 60 | 58 |
| December | 89 | 89 | 90 | 91 | 91 | 91 | 92 | 91 | 75 | 59 | 48 | 40 | 36 | 34 |
| *Year* | 77 | 79 | 79 | 80 | 81 | 82 | 82 | 77 | 66 | 57 | 51 | 47 | 44 | 41 |
| **MADRAS.** | | | | | | | | | | | | | | |
| January | 89 | 90 | 90 | 90 | 89 | 89 | 89 | 89 | 82 | 73 | 67 | 64 | 64 | 64 |
| February | *87* | *88* | *88* | *88* | *88* | *88* | *88* | *88* | *73* | *62* | *57* | *54* | *53* | *55* |
| March | 82 | 88 | 86 | 86 | 87 | 86 | 85 | 82 | 69 | 58 | 52 | 49 | 49 | 51 |
| April | 83 | 85 | 86 | 87 | 88 | 87 | 85 | 76 | 66 | 56 | 51 | *51* | *52* | *52* |
| May | *77* | *76* | *74* | *74* | *74* | 74 | 72 | *64* | 54 | 48 | 43 | 40 | *39* | *40* |
| June | *64* | 64 | 63 | 63 | 64 | 65 | 65 | 59 | 52 | *47* | 43 | 40 | 36 | 36 |
| July | 76 | 76 | 75 | 75 | 75 | 74 | 74 | 68 | *62* | 58 | 53 | 49 | *47* | *47* |
| August | *77* | *79* | *78* | *78* | *79* | *79* | *79* | *77* | *69* | *64* | *57* | *53* | *51* | *48* |
| September (*b*) | 84 | 84 | 84 | 83 | 84 | 83 | 82 | 78 | 69 | 62 | 55 | 51 | 49 | 48 |
| October | 88 | 88 | 88 | 88 | 89 | 89 | 88 | 87 | 79 | 73 | 65 | 65 | 63 | 63 |
| November | 89 | 91 | 91 | 91 | 93 | 91 | 90 | 88 | *82* | *78* | *74* | *69* | *68* | 69 |
| December | 85 | 86 | 87 | 87 | 87 | 87 | 87 | 86 | 77 | 70 | 64 | 61 | 61 | 61 |
| *Year* | 82 | 83 | 83 | 83 | 83 | 83 | 82 | 79 | 69 | 62 | 57 | 54 | 53 | 53 |
| **KODAIKANAL.** | | | | | | | | | | | | | | |
| January | 91 | 92 | 91 | 92 | 91 | 92 | 87 | 81 | 73 | 68 | 68 | 69 | 74 | 79 |
| February | 75 | 72 | 71 | 72 | 73 | 74 | 74 | 71 | 64 | 56 | 57 | 61 | 65 | 67 |
| March | 74 | 73 | 74 | 73 | 72 | 72 | 69 | 65 | 58 | 51 | 50 | 52 | 50 | 58 |
| April | 74 | 76 | 76 | 73 | 69 | 66 | 66 | 60 | 49 | 46 | 51 | 57 | 64 | 71 |
| May | 86 | 85 | 83 | 73 | 77 | 71 | 68 | 65 | 59 | 56 | 58 | 63 | 69 | 77 |
| June | 88 | 89 | 91 | 90 | 90 | 90 | 89 | 85 | 79 | 79 | 75 | 78 | 87 | 87 |
| July | 93 | 92 | 91 | 90 | 90 | 90 | 87 | 84 | 83 | 79 | 82 | 85 | 88 | 89 |
| August | 91 | 92 | 93 | 92 | 90 | 91 | 92 | 88 | 85 | 81 | 80 | 81 | 82 | 85 |
| September | 83 | 82 | 83 | 82 | 83 | 85 | 84 | 81 | 74 | 71 | 74 | 79 | 81 | 81 |
| October | 96 | 97 | 96 | 96 | 96 | 95 | 94 | 91 | 83 | 79 | 78 | 79 | 79 | 81 |
| November | 98 | 98 | 98 | 96 | 95 | 94 | 94 | 91 | 88 | 85 | 83 | 85 | 85 | 88 |
| December | *80* | *80* | *81* | *80* | *83* | *75* | *75* | *73* | *71* | 67 | 70 | 74 | 74 | 7[illegible] |
| *Year* | 86 | 86 | 86 | 84 | 84 | 83 | 82 | 78 | 72 | 68 | 69 | 72 | 75 | 78 |

Figures in italics are means of data which are not available for a complete month.

(*b*) Means of 29 days.

## 9 stations for the year 1948—*contd.*

*hours I.S.T.*)

| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | Mean. | Mean of. Max. | Mean of. Min. | Extreme. Max. | Extreme. Min. | Hours (I.S.T.). Month. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 37 | 39 | 44 | 54 | 62 | 69 | 75 | 79 | 81 | 66 | 90 | 35 | 95 | 20 | January. |
| 19 | 19 | 21 | 24 | 33 | 39 | 47 | 54 | 59 | 64 | 49 | 82 | 18 | 94 | 10 | February. |
| 11 | 11 | 12 | 15 | 22 | 27 | 30 | 35 | 39 | 43 | 34 | 64 | 10 | 82 | 1 | March. |
| 14 | 15 | 18 | 29 | 32 | 39 | 42 | 43 | 46 | 47 | 37 | 61 | 13 | 75 | 6 | April. |
| 27 | 28 | 32 | 38 | 46 | 55 | 62 | 65 | 67 | 69 | 53 | 76 | 26 | 81 | 12 | May. |
| 55 | 59 | 62 | 67 | 71 | 75 | 77 | 78 | 79 | 80 | 69 | 85 | 51 | 95 | 25 | June. |
| 73 | 74 | 76 | 77 | 80 | 82 | 84 | 85 | 85 | 85 | 79 | 88 | 66 | 93 | 51 | July. |
| 71 | 72 | 75 | 79 | 81 | 84 | 86 | 87 | 87 | 88 | 81 | 90 | 65 | 95 | 52 | August. |
| 62 | 64 | 67 | 73 | 79 | 81 | 83 | 85 | 85 | 86 | 78 | 89 | 56 | 95 | 42 | September. |
| 48 | 52 | 57 | 67 | 74 | 81 | 84 | 88 | 89 | 90 | 75 | 92 | 42 | 97 | 30 | October. |
| 58 | 62 | 66 | 74 | 81 | 84 | 86 | 87 | 89 | 90 | 79 | 93 | 53 | 96 | 28 | November. |
| 33 | 33 | 36 | 46 | 62 | 71 | 77 | 82 | 86 | 88 | 68 | 92 | 32 | 95 | 15 | December. |
| 45 | 44 | 47 | 56 | 60 | 65 | 69 | 72 | 74 | 76 | 64 | 83 | 39 | 97 | 1 | *Year.* |
| 65 | 67 | 72 | 79 | 83 | 85 | 86 | 88 | 88 | 89 | 80 | 91 | 58 | 100 | 40 | January. |
| *57* | *60* | *66* | *75* | *81* | *82* | *84* | *85* | *85* | *86* | *76* | *90* | *47* | 93 | 24 | February. |
| 53 | 54 | 63 | 71 | 76 | 78 | 79 | 79 | 80 | 81 | 72 | 89 | 44 | 94 | 11 | March. |
| *54* | *57* | 62 | 70 | 75 | 77 | 78 | 78 | 80 | 81 | *71* | *89* | *42* | 94 | 21 | April. |
| *47* | 52 | *58* | *68* | *74* | *74* | *74* | *74* | *76* | *77* | *63* | *81* | *31* | 95 | 9 | May. |
| *37* | *39* | 48 | *58* | *64* | *68* | 63 | *65* | *64* | *65* | *57* | *78* | *29* | 91 | 11 | June. |
| *51* | 54 | 61 | 67 | 74 | *77* | 78 | 80 | 80 | 80 | *67* | *85* | *40* | 94 | 26 | July. |
| *47* | *50* | *56* | *60* | *67* | *71* | *78* | *76* | *77* | *78* | *68* | *83* | *43* | 88 | 25 | August. |
| 49 | 52 | 61 | 68 | 75 | 79 | 80 | 81 | 82 | 83 | 71 | 88 | 42 | 98 | 27 | September. |
| 64 | 66 | 71 | 75 | 79 | 83 | 84 | 85 | 86 | 86 | 79 | 90 | 56 | 96 | 32 | October. |
| 68 | 72 | 76 | 79 | 83 | 86 | 86 | 87 | 88 | 88 | *83* | *95* | *65* | 99 | 30 | November. |
| 62 | 64 | 67 | 71 | 75 | 77 | 79 | 81 | 83 | 84 | 76 | 88 | 57 | 96 | 88 | December. |
| 55 | 57 | 63 | 70 | 75 | 78 | 79 | 80 | 81 | 81 | 72 | 87 | 46 | 100 | 9 | *Year.* |
| 85 | 88 | 92 | 94 | 95 | 95 | 94 | 93 | 92 | 90 | 86 | 99 | 53 | 100 | 10 | January. |
| 71 | 74 | 78 | 84 | 91 | 93 | 92 | 89 | 82 | 77 | 75 | 97 | 48 | 100 | 17 | February |
| 59 | 66 | 71 | 76 | 87 | 88 | 89 | 82 | 79 | 76 | 69 | 96 | 41 | 100 | 16 | March. |
| 77 | 78 | 79 | 84 | 89 | 92 | 91 | 86 | 78 | 75 | 71 | 99 | 41 | 100 | 20 | April. |
| 80 | 87 | 90 | 93 | 90 | 87 | 86 | 86 | 85 | 84 | 77 | 99 | 53 | 100 | 22 | May. |
| 91 | 92 | 93 | 93 | 94 | 95 | 94 | 93 | 93 | 92 | 89 | 100 | 69 | 100 | 32 | June. |
| 91 | 92 | 93 | 96 | 95 | 93 | 91 | 91 | 92 | 92 | 90 | 99 | 72 | 100 | 51 | July. |
| 88 | 88 | 91 | 96 | 96 | 94 | 93 | 92 | 91 | 92 | 89 | 99 | 73 | 100 | 36 | August. |
| 85 | 90 | 92 | 96 | 95 | 93 | 90 | 88 | 85 | 82 | 84 | 99 | 65 | 100 | 44 | September. |
| 84 | 86 | 89 | 93 | 95 | 97 | 96 | 96 | 96 | 96 | 90 | 100 | 73 | 100 | 49 | October. |
| 88 | 90 | 94 | 96 | 96 | 95 | 96 | 97 | 99 | 98 | 93 | 100 | 77 | 100 | 42 | November. |
| 79 | 82 | 84 | *88* | *87* | *85* | *84* | *84* | *83* | *83* | *79* | *91* | *59* | 100 | 9 | December. |
| 81 | 84 | 87 | 91 | 93 | 92 | 91 | 90 | 88 | 86 | 83 | 98 | 60 | 100 | 9 | *Year.* |

## Table XIV.—Number of days in each month and the year on which the Nilgiris were visible from Kodaikanal in 1948.

[*The Nilgiris are nearly 100 miles (as the crow flies) from Kodaikanal*]

| Month. | Very clear. | Visible. | Just visible. | Top only visible. | Total. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| January | 1 | 2 | 1 | 1 | 5 |
| February | .. | 8 | 3 | 3 | 14 |
| March | 3 | .. | 2 | 1 | 6 |
| April | .. | 2 | 1 | 1 | 4 |
| May | 2 | 3 | 1 | .. | 6 |
| June | 3 | 3 | 2 | .. | 8 |
| July | .. | 2 | .. | 2 | 4 |
| August | .. | 4 | 6 | 1 | 11 |
| September | 1 | .. | 3 | 4 | 8 |
| October | 3 | 3 | 4 | .. | 10 |
| November | 5 | 2 | .. | 3 | 10 |
| December | 3 | 1 | 3 | 1 | 8 |
| Year | 21 | 30 | 26 | 17 | 94 |

# TABLE XV.—AVERAGE OVER THE 13 CHIEF POLITICAL DIVISIONS OF THE MONTHLY AND ANNUAL RAINFALL WITH ITS DEPARTURE FROM NORMAL IN 1948

## Table XV.—Average over the 13 Chief Political divisions of the

| Division. | January. | | | February. | | | March. | | | April. | | | May. | | | June. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 1. Assam . . | 0·53 | —0·19 | —26 | 2·10 | +0·47 | +29 | 2·45 | —1·12 | —31 | 9·81 | +0·98 | +11 | 24·99 | +12·18 | +95 | 19·56 | +0·80 | +4 |
| 2. West Bengal . | 0·33 | —0·07 | —17 | 1·63 | +0·56 | +52 | 1·75 | +0·54 | +45 | 3·49 | +1·34 | +62 | 8·25 | +1·81 | +28 | 11·72 | —1·12 | —9 |
| 3. Orissa . . | 0·73 | +0·31 | +74 | 1·78 | +0·71 | +66 | 0·38 | —0·50 | —57 | 0·98 | —0·23 | —19 | 2·44 | —0·56 | —19 | 6·02 | —2·75 | —31 |
| 4. Bihar . . | 0·73 | +0·11 | +18 | 0·49 | —0·50 | —51 | 0·37 | —0·21 | —36 | 0·35 | —0·23 | —40 | 1·77 | —0·25 | —12 | 5·39 | —2·02 | —27 |
| 5. United Provinces | 1·13 | +0·35 | +45 | 0·68 | —0·12 | —15 | 0·45 | +0·02 | +5 | 0·02 | —0·22 | —92 | 0·31 | —0·32 | —51 | 2·04 | —2·36 | 54 |
| 6. East Punjab . | 1·06 | —0·01 | —1 | 1·85 | +0·84 | +83 | 2·13 | +1·39 | +188 | 0·19 | —0·24 | —56 | 0·15 | —0·38 | —72 | 0·56 | —1·61 | —74 |
| 7. Rajputana . | 1·25 | +1·02 | +443 | 0·51 | +0·28 | +122 | 0·13 | —0·05 | —28 | 0·01 | —0·11 | —92 | 0·03 | —0·32 | —91 | 0·98 | —1·39 | —59 |
| 8. Bombay . . | 0·48 | +0·37 | +336 | 0·01 | —0·06 | —86 | 0·10 | —0·02 | —17 | 0·44 | +0·04 | +10 | 0·52 | —0·37 | —42 | 7·80 | —1·12 | —13 |
| 9. Central India . | 1·51 | +1·11 | +277 | 0·18 | —0·11 | —38 | 0·01 | —0·19 | —95 | 0·02 | —0·13 | —87 | 0·02 | —0·36 | —95 | 5·55 | +0·69 | +14 |
| 10. Central Provinces and Berar. | 2·03 | +1·58 | 351 | 0·36 | —0·38 | —51 | 0·26 | —0·26 | —50 | 0·26 | —0·28 | —52 | 0·19 | —0·43 | —69 | 6·78 | —0·76 | —10 |
| 11. Hyderabad . | 0·08 | —0·09 | —53 | 0·08 | —0·59 | —88 | 0·18 | —0·23 | —56 | 0·91 | —0·07 | —7 | 0·52 | —0·48 | —48 | 3·10 | —2·47 | —44 |
| 12. Mysore . . | 0·15 | +0·01 | +7 | 0 | —0·16 | —100 | 0·12 | —0·21 | —64 | 2·59 | +0·95 | +58 | 6·46 | +2·80 | +77 | 4·69 | +0·15 | +3 |
| 13. Madras . . | 1·27 | +0·50 | +65 | 0·42 | —0·09 | —18 | 0·67 | —0·10 | —13 | 2·04 | +0·11 | +6 | 3·15 | —0·43 | —12 | 8·67 | +1·10 | +13 |
| Mean of India . | 1·00 | +0·54 | +117 | 0·59 | —0·01 | —2 | 0·50 | —0·09 | —15 | 1·07 | +0·01 | +1 | 2·23 | +0·27 | +14 | 5·82 | —0·98 | —14 |

## nonthly and annual rainfall with its departure from normal in 1948.

| July. | | | August. | | | September. | | | October. | | | November. | | | December. | | | Year. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Actual. | Departure from norm al. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 20·04 | +1·90 | +10 | 16·76 | +0·83 | +5 | 12·40 | —0·10 | —1 | 6·92 | +1·33 | +2 | 1·96 | +0·82 | +72 | 0·32 | —0·07 | —18 | 117·84 | +17·83 | +18 |
| 14·53 | —0·19 | —1 | 13·33 | —0·57 | —4 | 9·68 | —0·34 | —3 | 4·65 | +0·34 | +8 | 3·66 | +2·89 | +375 | 0·01 | —0·14 | —93 | 73·03 | +5·05 | +7 |
| 11·40 | —2·12 | —16 | 11·90 | —1·02 | —8 | 8·94 | —0·29 | —3 | 3·35 | —1·64 | —33 | 3·24 | +1·78 | +122 | 0·02 | —0·20 | —91 | 51·18 | —6·51 | —11 |
| 15·66 | +2·31 | +17 | 12·57 | —0·33 | —3 | 9·03 | +0·37 | +4 | 3·50 | +0·82 | +31 | 2·33 | +1·89 | +430 | 0 | —0·19 | —100 | 52·19 | +1·77 | +4 |
| 14·42 | +2·61 | +22 | 17·24 | +5·97 | +53 | 8·69 | +2·06 | +31 | 1·74 | +0·41 | +31 | 0·33 | +0·15 | +83 | 0·02 | —0·34 | —94 | 47·07 | +8·21 | +21 |
| 8·47 | +1·78 | +27 | 9·59 | +3·01 | +46 | 2·07 | —1·39 | —40 | 0·13 | —0·26 | —67 | 0·02 | —0·10 | —83 | 0·48 | —0·02 | —4 | 26·70 | +3·01 | +13 |
| 8·15 | +1·17 | +17 | 8·10 | +1·17 | +17 | 2·88 | —0·23 | —7 | 0·34 | —0·08 | — 19 | 0·21 | +0·07 | +50 | 0·02 | —0·15 | —88 | 22·61 | +1·38 | +7 |
| 12·15 | —3·25 | —21 | 9·71 | +0·07 | +1 | 5·71 | —0·97 | —15 | 2·32 | —0·38 | —14 | 3·93 | +3·07 | +357 | 0·01 | —0·17 | —94 | 43·18 | —2·79 | —6 |
| 14·31 | +1·63 | +13 | 15·86 | +4·75 | +43 | 9·86 | +3·22 | +48 | 0·71 | —0·42 | —37 | 2·46 | +1·90 | +339 | 0·01 | —0·24 | —96 | 50·50 | +11·85 | +31 |
| 14·85 | —0·31 | —2 | 13·77 | +0·90 | +7 | 8·40 | +0·60 | +8 | 0·89 | —1·31 | —60 | 3 92 | +3·26 | +494 | 0 | —0·30 | —100 | 51·71 | +2·31 | +5 |
| 9·03 | +0·05 | +1 | 6·45 | —0·58 | —8 | 9·42 | +2·59 | +38 | 1·56 | —1·13 | —42 | 4·75 | +3·79 | +395 | 0 | —0·26 | —100 | 36·08 | +0·53 | +1 |
| 7·26 | +0·07 | +1 | 9·17 | +3·78 | +70 | 2·14 | —3·00 | —58 | 4·83 | —0·52 | —10 | 2·94 | +0·52 | +21 | 0·10 | —0·34 | —77 | 40·45 | +4·05 | +11 |
| 8·21 | —0·52 | —6 | 7·80 | +0·73 | +10 | 4·49 | —1·35 | —23 | 5·37 | —2·42 | —31 | 7·83 | +1·92 | +32 | 0·92 | —1·16 | —56 | 50·84 | —1·71 | —3 |
| 11·88 | +0·14 | +1 | 11·31 | +1·38 | +14 | 6·88 | +0·20 | +3 | 2·41 | —0·59 | —20 | 3·14 | +1·83 | 1·40 | 0·16 | —0·33 | —67 | 46·99 | +2·37 | +5 |

## Table XVI.—Average over the 27 Sub-divisions of the monthly and annual rainfall and

| Sub-division. | January. | | | | | February. | | | | | March. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | |
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1. Bay Islands* | | | | | | | | | | | | | | | |
| 2. Assam | 1·1 | —0·6 | 0·53 | —0·19 | —26 | 4·6 | +0·9 | 2·10 | +0·47 | +29 | 5·7 | —0·2 | 2·45 | —1·12 | —31 |
| 3. West Bengal | 0·7 | —0·1 | 0·33 | —0·07 | —17 | 2·3 | +0·4 | 1·63 | +0·56 | +52 | 2·3 | +0·3 | 1·75 | +0·54 | +45 |
| 4. Orissa | 1·1 | +0·4 | 0·73 | +0·31 | +74 | 2·7 | +1·0 | 1·78 | +0·71 | +66 | 0·8 | —0·8 | 0·38 | —0·50 | —57 |
| 5. Chota Nagpur | 1·6 | 0 | 1·32 | +0·52 | +65 | 2·0 | —0·7 | 0·85 | —0·59 | —41 | 2·3 | +0·5 | 0·82 | —0·02 | —2 |
| 6. Bihar | 0·8 | —0·3 | 0·42 | —0·10 | —19 | 0·8 | —0·8 | 0·30 | —0·45 | —60 | 0·4 | —0·5 | 0·13 | —0·32 | —71 |
| 7. United Provinces, East | 2·5 | +1·2 | 1·20 | +0·58 | +94 | 1·2 | —0·2 | 0·34 | —0·27 | —44 | 0·1 | —0·6 | 0·01 | —0·30 | —97 |
| 8. United Provinces, West | 2·1 | +0·3 | 1·07 | +0·17 | +19 | 2·3 | +0·5 | 0·95 | 0 | 0 | 0·2 | —0·9 | 0·81 | +0·27 | +50 |
| 9. East Punjab | 2·1 | +0·1 | 1·06 | —0·01 | —1 | 3·0 | +1·0 | 1·85 | +0·84 | +83 | 3·4 | +1·9 | 2·13 | +1·39 | +188 |
| 10. Kashmir | 3·2 | —2·7 | 1·90 | —2·16 | —53 | 6·9 | +1·6 | 4·93 | +1·09 | +28 | 7·9 | +1·6 | 9·24 | +4·59 | +99 |
| 11. Rajputana, West | 1·2 | +0·8 | 0·84 | +0·71 | +546 | 1·3 | +0·8 | 0·65 | +0·44 | +210 | 0·5 | +0·2 | 0·25 | +0·11 | +79 |
| 12. Rajputana, East | 3·0 | +2·3 | 1·49 | +1·21 | +432 | 1·3 | +0·7 | 0·43 | +0·18 | +72 | 0·3 | —0·2 | 0·07 | —0·14 | —67 |
| 13. Gujarat | 1·1 | +0·9 | 0·46 | +0·39 | +557 | 0 | —0·2 | 0·01 | —0·07 | —87 | 0 | —0·1 | 0 | —0·06 | —100 |
| 14. Central India, West | 3·5 | +2·8 | 1·40 | +1·10 | +367 | 0·5 | 0 | 0·17 | —0·02 | —11 | 0 | —0·4 | 0·01 | —0·15 | —94 |
| 15. Central India, East | 4·4 | +2·8 | 1·91 | +1·16 | +155 | 0·7 | —0·9 | 0·24 | —0·46 | —66 | 0·1 | —0·8 | 0·02 | —0·35 | —95 |
| 16. Berar | 3·3 | +2·6 | 1·59 | +1·23 | +342 | 0·6 | —0·1 | 0·17 | —0·23 | —57 | 0·5 | —0·2 | 0·20 | —0·12 | —37 |
| 17. Central Provinces, West | 4·8 | +3·7 | 2·93 | +2·36 | +414 | 1·0 | —0·4 | 0·54 | —0·13 | —19 | 0·6 | —0·5 | 0·23 | —0·28 | —55 |
| 18. Central Provinces, East | 2·4 | +1·7 | 1·59 | +1·20 | +308 | 0·8 | —1·0 | 0·31 | —0·62 | —67 | 1·1 | —0·2 | 0·31 | —0·28 | —47 |
| 19. Konkan | 1·0 | +0·9 | 0·40 | +0·31 | +344 | 0 | —0·1 | 0 | —0·05 | —100 | 0·1 | —0·1 | 0·06 | —0·02 | —25 |
| 20. Bombay Deccan | 1·4 | +1·1 | 0·51 | +0·38 | +292 | 0·1 | —0·1 | 0·02 | —0·06 | —75 | 0·4 | 0 | 0·20 | +0·03 | +18 |
| 21. Hyderabad, North | 0·2 | —0·1 | 0·07 | —0·10 | —59 | 0·1 | —1·3 | 0·02 | —0·74 | —97 | 0·5 | —0·4 | 0·19 | —0·24 | —56 |
| 22. Hyderabad, South | 0·2 | —0·1 | 0·09 | —0·07 | —44 | 0·2 | —0·7 | 0·16 | —0·37 | —70 | 0·4 | —0·3 | 0·17 | —0·21 | —55 |
| 23. Mysore | 0·4 | +0·1 | 0·15 | +0·01 | +7 | 0 | —0·3 | 0 | —0·16 | —100 | 0·3 | —0·3 | 0·12 | —0·21 | —6 |
| 24. Malabar | 1·8 | +0·9 | 1·37 | +0·78 | +132 | 0·7 | —0·2 | 0·38 | —0·24 | —39 | 2·3 | —0·1 | 1·75 | +0·24 | +1 |
| 25. Madras, South-East | 2·6 | +1·0 | 1·99 | +0·78 | +64 | 0·7 | —0·1 | 0·39 | —0·17 | —30 | 0·7 | —0·3 | 0·39 | —0·27 | —4 |
| 26. Madras, Deccan | 0·1 | —0·2 | 0·06 | —0·09 | —60 | 0 | —0·3 | 0 | —0·17 | —100 | 0·1 | —0·2 | 0·05 | —0·14 | —7 |
| 27. Madras, Coast-North | 0·5 | 0 | 0·27 | —0·09 | —25 | 1·4 | +0·7 | 0·86 | +0·37 | +75 | 0·6 | —0·1 | 0·37 | —0·07 | —1 |

* Data not available.

## ıumber of rainy days with their departuree from normal in 1948.

| April. | | | | | May. | | | | | June. | | | | | July. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | | Rainy days. | | Rainfall. | | |
| Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual, | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 12·2 | +0·8 | 9·81 | +0·98 | +11 | 20·8 | +6·2 | 24·99 | +12·18 | +95 | 17·8 | —0·1 | 19·56 | +0·80 | +4 | 19·3 | +0·4 | 20·04 | +1·90 | +10 |
| 4·4 | +1·1 | 3·49 | +1·34 | +62 | 9·6 | +1·9 | 8·25 | +1·81 | +28 | 11·8 | —1·1 | 11·72 | —1·12 | —9 | 15·8 | —0·5 | 14·53 | —0·19 | —1 |
| 1·9 | —0·3 | 0·98 | —0·23 | —19 | 3·6 | —1·0 | 2·44 | —0·56 | —19 | 8·8 | —1·6 | 6·02 | —2·75 | —31 | 14·0 | —1·7 | 11·40 | —2·12 | —16 |
| 0·6 | —0·9 | 0·23 | —0·40 | —63 | 3·6 | +0·2 | 1·88 | +0·03 | +2 | 8·3 | —1·8 | 7·20 | —0·45 | —6 | 17·7 | +0·6 | 14·50 | +0·06 | 0 |
| 0·6 | —0·4 | 0·42 | —0·13 | —24 | 2·7 | —0·3 | 1·72 | —0·39 | —18 | 6·3 | —1·9 | 4·53 | —2·77 | —38 | 16·1 | +2·4 | 16·23 | +3·42 | +27 |
| 0·1 | —0·4 | 0·02 | —0·18 | —90 | 0·7 | —0·5 | 0·39 | —0·22 | —36 | 3·8 | —1·7 | 3·97 | —0·60 | —13 | 15·9 | +3·0 | 16·19 | +4·31 | +36 |
| 0·1 | —0·6 | 0·02 | —0·26 | —93 | 0·6 | —0·8 | 0·25 | —0·38 | —60 | 0·9 | —4·1 | 0·42 | —3·85 | —90 | 13·4 | +1·6 | 12·97 | +1·22 | +10 |
| 0·6 | —0·4 | 0·19 | —0·24 | —56 | 0·4 | —0·8 | 0·15 | —0·38 | —72 | 1·4 | —1·7 | 0·56 | —1·61 | —74 | 8·7 | +1·4 | 8·47 | +1·78 | +27 |
| 4·8 | —0·7 | 2·35 | —0·90 | —28 | 2·7 | —1·3 | 1·27 | —0·75 | —37 | 2·9 | —0·8 | 2·74 | +0·55 | +25 | 9·0 | +1·0 | 11·05 | +3·95 | +56 |
| 0 | —0·3 | 0·01 | —0·10 | —91 | 0·1 | —0·6 | 0·03 | —0·26 | —90 | 0·5 | —1·2 | 0·25 | —0·86 | —77 | 4·6 | +0·2 | 4·58 | +1·06 | +30 |
| 0 | —0·4 | 0·01 | —0·12 | —92 | 0·1 | —0·8 | 0·04 | —0·35 | —90 | 2·4 | —1·7 | 1·39 | —1·68 | —55 | 11·1 | +0·7 | 10·10 | +1·23 | +14 |
| 0 | —0·1 | 0 | —0·04 | —100 | 0 | —0·4 | 0·03 | —0·24 | —89 | 2·5 | —3·0 | 2·42 | —2·70 | —53 | 8·2 | —5·0 | 5·27 | —1·11 | —59 |
| 0·1 | —0·2 | 0·02 | —0·09 | —82 | 0·1 | —0·7 | 0·02 | —0·35 | —95 | 6·7 | +0·5 | 5·29 | +0·41 | +8 | 14·9 | +1·8 | 14·54 | +2·17 | +18 |
| 0 | —0·6 | 0 | —0·26 | —100 | 0 | —1·0 | 0·01 | —0·38 | —97 | 5·1 | —0·9 | 6·51 | +1·72 | +36 | 16·7 | +0·8 | 12·79 | —1·96 | —13 |
| 0·2 | —0·5 | 0·06 | —0·26 | —81 | 0·1 | —1·0 | 0·05 | —0·43 | —90 | 8·7 | +0·5 | 5·50 | —0·66 | —11 | 15·7 | +2·8 | 11·55 | +1·97 | +21 |
| 0·3 | —0·5 | 0·13 | —0·24 | —65 | 0·1 | —1·0 | 0·05 | —0·41 | —89 | 8·9 | +0·5 | 6·96 | +0·41 | +6 | 17·3 | +1·1 | 15·75 | +0·16 | +1 |
| 1·0 | —0·6 | 0·44 | —0·31 | —41 | 0·7 | —1·0 | 0·34 | —0·44 | —56 | 9·4 | —0·4 | 7·17 | —1·58 | —18 | 18·4 | +0·7 | 15·54 | —1·51 | —9 |
| 0·8 | +0·1 | 0·47 | +0·07 | +17 | 0·8 | —1·0 | 0·50 | —0·92 | —65 | 15·9 | —2·6 | 22·98 | —3·59 | —14 | 26·7 | +0·1 | 39·15 | —1·75 | —4 |
| 1·5 | +0·1 | 0·76 | +0·08 | +12 | 1·5 | —0·6 | 0·90 | —0·29 | —24 | 8·4 | +0·6 | 6·22 | +0·75 | +14 | 11·6 | —0·1 | 8·26 | —0·37 | —4 |
| 1·5 | —0·3 | 0·65 | —0·35 | —35 | 0·6 | —0·9 | 0·32 | —0·44 | —58 | 6·4 | —2·5 | 4·06 | —2·34 | —37 | 17·0 | +2·8 | 11·08 | +0·56 | +5 |
| 2·0 | +0·2 | 1·25 | +0·28 | +29 | 1·7 | —0·4 | 0·78 | —0·53 | —40 | 3·6 | —3·4 | 1·83 | —2·66 | —59 | 12·5 | +0·8 | 6·33 | —0·60 | —9 |
| 4·5 | +1·6 | 2·59 | +0·95 | +58 | 7·8 | +2·1 | 6·46 | +2·80 | +77 | 7·3 | +0·4 | 4·69 | +0·15 | +3 | 9·9 | +0·3 | 7·26 | +0·07 | +1 |
| 7·1 | +1·0 | 4·73 | +0·66 | +16 | 9·0 | 0 | 6·77 | —0·98 | —13 | 21·7 | +1·1 | 30·48 | +6·69 | +28 | 23·1 | +0·9 | 22·67 | —3·55 | —14 |
| 1·9 | —0·5 | 1·31 | —0·31 | —19 | 3·5 | —0·2 | 2·48 | —0·07 | —3 | 2·9 | —0·1 | 1·60 | —0·16 | —9 | 4·5 | +0·8 | 2·49 | +0·26 | +12 |
| 2·5 | +1·1 | 1·48 | +0·74 | +100 | 3·2 | +0·2 | 1·48 | —0·25 | —14 | 2·7 | —1·6 | 1·13 | —1·24 | —52 | 5·6 | —0·5 | 2·58 | —0·42 | —14 |
| 1·1 | —0·1 | 0·71 | —0·05 | —7 | 1·8 | —0·9 | 1·34 | —0·61 | —31 | 4·5 | —1·4 | 2·51 | —1·51 | —38 | 10·3 | +1·0 | 7·09 | +1·35 | +24 |

## Table XVI.—Average over the 27 Sub-divisions of the monthly and annual rainfall and

| Sub-Division. | August. | | | | | September | | | | | October. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Rainy Days. | | Rainfall. | | | Rainy Days. | | Rainfall | | | Rainy Days. | | Rainfall. | | |
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. |
| | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 |
| 1. Bay Island* | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 2. Assam | 17·2 | —0·1 | 16·76 | +0·83 | +5 | 13·1 | —0·8 | 12·40 | —0·10 | —1 | 7·5 | +0·5 | 6·92 | +1·33 | +24 |
| 3. West Bengal | 16·2 | +0·1 | 13·33 | —0·57 | —4 | 12·3 | +0·7 | 9·68 | —0·34 | —3 | 5·8 | +0·8 | 4·65 | +0·34 | +8 |
| 4. Orissa | 13·6 | —2·1 | 11·90 | —1·02 | —8 | 13·8 | +1·6 | 8·94 | —0·29 | —3 | 5·4 | —0·5 | 3·35 | —1·64 | —33 |
| 5. Chota Nagpur | 17·9 | +1·0 | 12·98 | —1·04 | —7 | 12·3 | +1·7 | 8·55 | +0·44 | +5 | 2·6 | +2·5 | 3·82 | +0·79 | +26 |
| 6. Bihar | 12·0 | —1·7 | 12·35 | +0·03 | 0 | 9·8 | +0·6 | 9·25 | +0·34 | +4 | 4·5 | +1·8 | 3·33 | +0·83 | +33 |
| 7. United Provinces, East | 16·7 | +3·8 | 15·13 | +3·76 | +33 | 11·0 | +3·4 | 10·14 | +3·11 | +44 | 3·6 | +1·8 | 2·29 | +0·47 | +26 |
| 8. United Provinces, West | 16·6 | +5·0 | 18·98 | +7·79 | +69 | 7·8 | +1·6 | 7·94 | +1·20 | +19 | 2·0 | +1·1 | 1·28 | +0·36 | +39 |
| 9. East Punjab | 10·4 | +3·3 | 9·59 | +3·01 | +46 | 2·6 | —0·8 | 2·07 | —1·39 | —40 | 6·3 | —0·3 | 0·13 | —0·26 | —67 |
| 10. Kashmir | 9·2 | +1·0 | 8·46 | +1·16 | +16 | 3·5 | —0·2 | 2·52 | —0·14 | —5 | 0·6 | —1·7 | 0·26 | —1·02 | —80 |
| 11. Rajputana, West | 9·5 | —1·3 | 2·80 | —1·39 | —33 | 0·5 | —1·3 | 0·48 | —0·95 | —66 | 0·2 | —0·1 | 0·08 | —6·09 | —53 |
| 12. Rajputana, East | 12·2 | +2·4 | 10·86 | +2·51 | +30 | 5·2 | +0·3 | 4·33 | +0·20 | +5 | 1·3 | +0·5 | 0·50 | —0·07 | —11 |
| 13. Gujrat | 7·2 | —3·4 | 4·57 | —3·20 | —41 | 4·1 | —2·1 | 2·28 | —2·88 | —06 | 1·6 | +0·3 | 0·97 | 0 | 0 |
| 14. Central India, West | 16·2 | +4·3 | 15·88 | +5·13 | +48 | 8·9 | +1·7 | 9·20 | +2·65 | +46 | 1·7 | +0·1 | 0·66 | —0·35 | —35 |
| 15. Central India, East | 18·3 | +3·2 | 15·76 | +2·25 | +17 | 14·5 | +5·9 | 14·11 | +6·92 | +95 | 1·9 | 0 | 0·88 | —0·64 | —12 |
| 16. Berar | 11·6 | +1·3 | 6·52 | —0·31 | —5 | 11·3 | +3·3 | 6·65 | +0·48 | +8 | 1·1 | —1·4 | 0·41 | —1·40 | —77 |
| 17. Central Provinces, West | 17·0 | +2·4 | 13·99 | +0·86 | +7 | 13·0 | +3·4 | 9·55 | +1·73 | +22 | 1·9 | —0·6 | 0·66 | —1·21 | —65 |
| 18. Central Provinces, East | 15·9 | —0·3 | 16·52 | +1·41 | +9 | 13·3 | +2·5 | 8·32 | —0·10 | —1 | 2·3 | —1·2 | 1·22 | —1·37 | —53 |
| 19. Konkan | 23·4 | —1·1 | 30·43 | +5·50 | +22 | 18·3 | +2·9 | 13·14 | +0·41 | +3 | 4·6 | —1·3 | 2·67 | —2·04 | —43 |
| 20. Bombay Deccan | 9·9 | +0·4 | 6·62 | +0·73 | +12 | 7·8 | —0·4 | 5·75 | —0·02 | 0 | 5·6 | +0·9 | 3·09 | —0·07 | —2 |
| 21. Hyderabad, North | 11·5 | 0 | 6·77 | —1·18 | —15 | 10·7 | +1·5 | 1·12 | +4·03 | +57 | 2·3 | —1·1 | 1·24 | —1·39 | —5 |
| 22. Hyderabad, South | 9·5 | —0·1 | 6·02 | +0·21 | +4 | 9·5 | +0·2 | 7·19 | +0·69 | +11 | 3·8 | —0·7 | 1·97 | —0·88 | —31 |
| 23. Mysore | 12·5 | +3·6 | 9·17 | +3·78 | +70 | 4·8 | —3·2 | 2·14 | —3·00 | —54 | 7·2 | —0·6 | 4·83 | —0·52 | —10 |
| 24. Malabar | 22·7 | +4·7 | 20·93 | +4·97 | +31 | 10·9 | —1·4 | 6·35 | —2·32 | —27 | 10·1 | —3·3 | 6·83 | —4·38 | —39 |
| 25. Madras, South-East | 5·0 | —0·3 | 3·23 | —0·41 | —11 | 3·6 | —2·2 | 2·52 | —1·76 | —41 | 7·2 | —1·8 | 5·70 | —1·65 | —23 |
| 26. Madras, Deccan | 7·0 | +0·7 | 3·98 | +0·26 | +7 | 6·0 | —0·3 | 3·98 | —1·27 | —24 | 5·1 | —0·7 | 3·09 | —1·05 | —25 |
| 27. Madras Coast, North | 7·3 | —1·6 | 4·18 | —1·63 | —28 | 9·8 | +1·1 | 7·07 | +0·65 | +10 | 6·3 | —1·2 | 4·59 | —2·00 | —37 |

* Date not available.

mber of rainy days with their departures from normal in 1948—*contd.*

| November. | | | | | December. | | | | | Year. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rainy Days. | | Rainfall | | | Rainy Days. | | Rainfall. | | | Rainy Days. | | Rainfall. | | |
| Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from Normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal |
| 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | ... |
| 4·2 | +2·3 | 1·96 | +0·82 | +72 | 1·0 | +0·1 | 0·32 | —0·07 | —18 | 124·5 | +9·4 | 117·84 | +17·83 | +18 |
| 5·1 | +4·1 | 3·66 | +2·89 | +375 | 0 | —0·3 | 0·01 | —0·14 | —93 | 86·3 | +7·4 | 73·03 | +505 | +7 |
| 4·0 | +2·4 | 3·24 | +1·78 | +122 | 0 | —0·4 | 0·02 | —0·20 | —91 | 69·7 | —30 | 51·18 | —6·51 | —11 |
| 6·5 | +5·6 | 3·66 | +3·08 | +531 | 0 | —0·4 | 0·01 | —0·22 | —96 | 79·4 | +8·3 | 55·82 | +2·20 | +4 |
| 2·5 | +2·0 | 1·63 | +1·27 | +353 | 0 | —0·4 | 0 | —0·16 | —100 | 56·5 | +0·5 | 50·31 | +1·57 | +3 |
| 1·2 | +0·8 | 0·57 | +0·36 | +171 | 0 | —0·6 | 0 | —0·26 | —100 | 56·8 | +10·6 | 50·25 | +10·16 | +27 |
| 0·2 | —0·1 | 0·14 | —0·01 | —7 | 0·1 | —0·8 | 0·04 | —0·40 | —91 | 46·3 | +2·8 | 44·42 | +6·10 | +16 |
| 0·1 | —0·2 | 0·02 | —0·10 | —83 | 1·2 | +0·2 | 0·48 | —0·02 | —4 | 34·2 | +3·7 | 26·70 | +3·01 | +13 |
| 0·1 | —1·2 | 0·03 | —0·59 | —95 | 6·9 | +3·0 | 4·57 | +2·22 | +94 | 57·7 | —0·4 | 49·32 | +8·00 | +19 |
| 0·1 | 0 | 0·02 | —0·03 | —60 | 0·1 | —0·1 | 0·04 | —0·06 | —60 | 12·6 | —2·9 | 10·03 | —1·42 | —12 |
| 0·7 | +0·3 | 0·33 | +0·14 | +74 | 0 | —0·5 | 0 | —0·22 | —100 | 37·6 | +3·6 | 29·55 | +2·90 | +11 |
| 1·4 | +1·0 | 1·21 | +0·94 | +348 | 0 | —0·1 | 0 | —0·06 | —100 | 26·1 | —12·2 | 17·22 | —15·63 | —48 |
| 3·1 | +2·3 | 2·12 | +1·55 | +272 | 0 | —0·5 | 0·01 | —0·23 | —96 | 55·6 | +11·7 | 49·32 | +11·82 | +32 |
| 5·6 | +4·9 | 4·30 | +3·84 | +835 | 0 | —0·7 | 0 | —0·33 | —100 | 67·3 | +12·7 | 56·53 | +11·5 | +26 |
| 8·9 | +7·7 | 6·05 | +5·20 | +612 | 0 | —0·6 | 0 | —0·35 | —100 | 62·0 | +14·4 | 38·75 | +5·12 | +15 |
| 6·2 | +5·3 | 4·31 | +3·70 | +607 | 0 | —0·7 | 0 | —0·37 | —100 | 71·1 | +12·7 | 55·00 | +6·58 | +14 |
| 4·4 | +3·4 | 2·83 | +2·22 | +364 | 0 | —0·4 | 0 | —0·23 | —100 | 69·7 | +3·1 | 54·59 | —1·60 | —3 |
| 5·1 | +3·5 | 6·43 | +5·38 | +512 | 0 | —0·3 | 0·01 | —0·14 | —93 | 96·7 | +1·0 | 116·24 | +3·14 | +3 |
| 6·4 | +4·7 | 4·85 | +3·66 | +308 | 0 | —0·5 | 0·01 | —0·25 | —96 | 54·6 | +6·1 | 37·19 | +4·57 | +14 |
| 7·4 | +6·2 | 4·89 | +4·04 | +475 | 0 | —0·5 | 0 | —0·29 | —100 | 58·2 | +3·4 | 40·41 | +1·62 | +4 |
| 6·6 | +4·8 | 4·57 | +3·47 | +315 | 0 | —0·3 | 0 | —0·22 | —100 | 50·0 | 0 | 30·36 | —0·89 | —3 |
| 5·4 | +1·6 | 2·94 | +0·52 | +21 | 0·3 | —0·5 | 0·10 | —0·34 | —77 | 60·4 | +4·8 | 40·45 | +4·05 | +11 |
| 10·8 | +2·6 | 8·30 | +2·01 | +32 | 1·3 | —1·1 | 0·72 | —0·93 | —56 | 121·5 | +5·1 | 111·28 | +3·00 | +3 |
| 9·9 | +1·5 | 8·87 | +1·44 | +19 | 2·9 | —1·2 | 1·52 | —1·84 | —55 | 45·4 | —3·4 | 32·44 | —4·16 | —11 |
| 6·2 | +2·9 | 3·51 | +1·34 | +62 | 0·2 | —0·5 | 0·05 | —0·34 | —87 | 38·7 | —0·4 | 21·39 | —2·63 | —11 |
| 8·3 | +4·2 | 7·74 | +3·31 | +75 | 0·5 | —0·4 | 0·37 | —0·44 | —54 | 52·4 | +1·3 | 37·10 | —1·42 | —4 |

**Table XVII.—Average over the 13 chief political divisions of the actual rainfall with its departurs from normal for the four Seasons of the year and for the whole year 1948.**

| Division. | January and February. | | | March to May. | | | June to September. | | | October to December. | | | Whole Year. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 1. Assam | 2·63 | +0·28 | +12 | 37·25 | +12·04 | +48 | 68·76 | +3·43 | +5 | 9·20 | +2·08 | +29 | 117·84 | +17·83 | +18 |
| 2. West Bengal | 1·96 | +0·49 | +33 | 13·49 | +3·69 | +38 | 49·26 | —2·22 | —4 | 8·32 | +3·09 | +59 | 73·03 | +5·05 | +7 |
| 3. Orissa | 2·51 | +1·02 | +68 | 3·80 | —1·29 | —25 | 38·26 | —6·18 | —14 | 6·61 | —0·06 | —1 | 51·18 | —6·51 | —11 |
| 4. Bihar | 1·22 | —0·39 | —24 | 2·49 | —0·69 | —22 | 42·65 | +0·33 | +1 | 5·83 | +2·52 | +76 | 52·19 | +1·77 | +4 |
| 5. United Provinces | 1·81 | +0·23 | +15 | 0·78 | —0·52 | —40 | 42·39 | +8·28 | +24 | 2·09 | +0·22 | +12 | 47·07 | +8·21 | +21 |
| 6. East Punjab | 2·91 | +0·83 | +40 | 2·47 | +0·77 | +45 | 20·69 | +1·79 | +9 | 0·63 | —0·38 | —38 | 26·70 | +3·01 | +13 |
| 7. Rajputana | 1·76 | +1·30 | +283 | 0·17 | —0·48 | —74 | 20·11 | +0·72 | +4 | 0·57 | —0·16 | —22 | 22·61 | +1·38 | +7 |
| 8. Bombay | 0·49 | +0·31 | +172 | 1·06 | —0·35 | —25 | 35·37 | —5·27 | —13 | 6·26 | +2·52 | +67 | 43·18 | —2·79 | —6 |
| 9. Central India | 1·69 | +1·00 | +145 | 0·05 | —0·68 | —93 | 45·58 | +10·29 | +29 | 3·18 | +1·24 | +64 | 50·50 | +11·85 | +31 |
| 10. Central Provinces and Berar. | 2·39 | +1·20 | +101 | 0·71 | —0·97 | —58 | 43·80 | +0·43 | +1 | 4·81 | +1·65 | +52 | 51·71 | +2·31 | +5 |
| 11. Hyderabad | 0·16 | —0·68 | —81 | 1·61 | —0·78 | —33 | 28·00 | —0·41 | —1 | 6·31 | +2·40 | +61 | 36·08 | +0·53 | +1 |
| 12. Mysore | 0·15 | —0·15 | —50 | 9·17 | +3·54 | +62 | 23·26 | +1·00 | +4 | 7·87 | —0·34 | —4 | 40·45 | +4·05 | +11 |
| 13. Madras | 1·69 | +0·41 | +32 | 5·86 | —0·42 | —7 | 29·17 | —0·04 | 0 | 14·12 | —1·66 | —11 | 50·84 | —1·71 | —3 |
| Mean of India | 1·59 | +0·53 | +50 | 3·80 | +0·19 | +5 | 35·89 | +0·74 | +2 | 5·71 | +0·19 | +19 | 46·99 | +2·37 | +5 |

## Table XVII.—Average over the 27 Sub-divisions of the actual rainfall with its departure from the normal for the four Seasons of the year and for the whole year 1948.

| Sub-Division. | January and February. | | | March to May. | | | June to September. | | | October to December. | | | Whole Year. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. | Actual. | Departure from normal. | Percentage Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Bay Island * | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Assam | 2·63 | +0·28 | +12 | 37·25 | +12·04 | +48 | 68·76 | +3·43 | +5 | 9·20 | +2·08 | +29 | 117·84 | +17·83 | +18 |
| West Bengal | 1·96 | +0·49 | +33 | 13·49 | +3·69 | +38 | 49·26 | —2·22 | —4 | 8·32 | +3·09 | +59 | 73·03 | +5·05 | +7 |
| Orissa | 2·51 | +1·02 | +68 | 3·80 | —1·29 | —25 | 38·26 | —6·18 | —14 | 6·61 | —0·06 | —1 | 51·18 | —6·51 | —11 |
| Chota Nagpur | 2·17 | —0·07 | —3 | 2·93 | —0·39 | —12 | 43·23 | —0·99 | —2 | 7·49 | +3·65 | +95 | 55·82 | +2·20 | +4 |
| Bihar | 0·72 | —0·55 | —43 | 2·27 | —0·84 | —27 | 42·36 | +1·02 | +2 | 4·96 | +1·94 | +64 | 50·31 | +1·57 | +3 |
| United Provinces, East | 1·54 | +0·31 | +25 | 0·42 | —0·70 | —63 | 45·43 | +10·58 | +30 | 2·86 | +0·57 | +25 | 50·25 | +10·76 | +27 |
| United Provinces, West | 2·02 | +0·17 | +9 | 1·08 | —0·37 | —26 | 39·86 | +6·35 | +19 | 1·46 | —0·05 | —3 | 44·42 | +6·10 | +16 |
| East Punjab | 2·91 | +0·83 | +40 | 2·47 | +0·77 | +45 | 20·69 | +1·79 | +9 | 0·63 | —0·38 | —38 | 26·70 | +3·01 | +13 |
| Kashmir | 6·83 | —1·07 | —14 | 12·86 | +2·94 | +30 | 24·77 | +5·52 | +29 | 4·86 | +0·61 | +14 | 49·32 | +8·00 | +19 |
| Rajputana, West | 1·49 | +1·15 | +338 | 0·29 | —0·25 | —46 | 8·11 | —2·14 | —21 | 0·14 | —0·18 | —56 | 10·03 | —1·42 | —12 |
| Rajputana, East | 1·92 | +1·39 | +262 | 0·12 | —0·61 | —84 | 26·68 | +226 | +9 | 0·83 | —0·14 | —14 | 29·55 | +2·90 | +11 |
| Gujarat | 0·47 | +0·32 | +213 | 0·03 | —0·34 | —92 | 14·54 | —16·49 | —53 | 2·18 | +1·88 | +145 | 17·22 | —15·63 | —48 |
| Central India, West | 1·57 | +1·08 | +220 | 0·05 | —0·59 | —92 | 44·91 | +10·36 | +30 | 2·79 | +0·97 | +53 | 49·32 | +11·82 | +32 |
| Central India, East | 2·15 | +0·70 | +48 | 0·03 | —0·99 | —97 | 49·17 | +8·93 | +22 | 5·18 | +2·87 | +124 | 56·53 | +11·51 | +26 |
| Berar | 1·76 | +1·00 | +132 | 0·31 | —0·81 | —72 | 30·22 | +1·48 | +5 | 6·46 | +3·45 | +115 | 38·75 | +5·12 | +15 |
| Central Provinces, West | 3·47 | +2·23 | +180 | 0·41 | —0·93 | —69 | 46·15 | +3·16 | +7 | 4·97 | +2·12 | +74 | 55·00 | +6·58 | +14 |
| Central Provinces, East | 1·90 | +0·58 | +44 | 1·09 | —1·03 | —49 | 47·55 | —1·78 | —4 | 4·05 | +0·63 | +18 | 54·59 | —1·60 | —3 |
| Konkan | 0·40 | +0·26 | +186 | 1·03 | —0·87 | —46 | 105·70 | +0·55 | +1 | 9·11 | +3·20 | +54 | 116·24 | +3·14 | +3 |
| Bombay Deccan | 0·53 | +0·32 | +152 | 1·86 | —0·18 | —9 | 26·85 | +1·09 | +4 | 7·95 | +3·34 | +72 | 37·19 | +4·57 | +14 |
| Hyderabad, North | 0·09 | —0·84 | —90 | 1·16 | —1·03 | —47 | 33·03 | +1·07 | +3 | 6·13 | +2·42 | +65 | 40·41 | +1·62 | +4 |
| Hyderabad, South | 0·25 | —0·44 | —64 | 2·20 | —0·46 | —17 | 21·37 | —2·36 | —10 | 8·54 | +2·37 | +57 | 30·36 | —0·89 | —3 |
| Mysore | 0·15 | —0·15 | —50 | 9·17 | +3·54 | +62 | 23·26 | +1·00 | +4 | 7·87 | —0·34 | —4 | 40·45 | +4·05 | +11 |
| Malabar | 1·75 | +0·54 | +45 | 13·25 | —0·08 | —1 | 80·43 | +5·79 | +8 | 15·85 | —3·25 | —17 | 111·28 | +3·00 | +3 |
| Madras, South-East | 2·38 | +0·61 | +34 | 4·18 | —0·65 | —13 | 9·89 | —2·07 | —17 | 15·99 | —2·05 | —11 | 32·44 | —4·16 | —11 |
| Madras, Deccan | 0·06 | —0·26 | —81 | 3·01 | +0·35 | +13 | 11·67 | —2·67 | —19 | 6·65 | —0·15 | —2 | 21·39 | —2·63 | —11 |
| Madras Coast, North | 1·13 | +0·28 | +33 | 2·42 | —0·73 | —23 | 20·85 | —1·14 | —5 | 12·70 | +0·17 | +1 | 37·10 | —1·42 | —4 |

*Data not available.

## Table XIX.—Average over the 27 Sub-Divisions of actual number of rainy days with their departu from normal for the four seasons of the year and for the whole year 1948.

| Sub-division. | January and February. | | March to May. | | June to September. | | October to December. | | Whole Year | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 |
| 1. Bay Islands * | .. | .. | .. | .. | .. | .. | .. | .. | .. | . |
| 2. Assam | 5·7 | +0·3 | 38·7 | +6·8 | 67·4 | —0·6 | 12·7 | +2·9 | 124·5 | - |
| 3. West Bengal | 3·0 | +2·7 | 16·3 | +3·3 | 56·1 | —0·8 | 10·9 | +4·6 | 86·3 | - |
| 4. Orissa | 3·8 | +1·4 | 6·3 | —2·1 | 50·2 | —3·8 | 9·4 | +1·5 | 69·7 | - |
| 5. Chota Nagpur | 3·6 | —0·7 | 6·5 | —0·2 | 56·2 | +1·5 | 13·1 | +7·7 | 79·4 | - |
| 6. Bihar | 1·6 | —1·1 | 3·7 | —1·2 | 44·2 | —0·6 | 7·0 | +3·4 | 56·5 | - |
| 7. United Provinces, East | 3·7 | +1·0 | 0·9 | —1·5 | 47·4 | +8·5 | 4·8 | +2·0 | 56·8 | + |
| 8. United Provinces, West | 4·4 | +0·8 | 0·9 | —2·3 | 38·7 | +4·1 | 2·3 | +0·2 | 46·3 | - |
| 9. East Punjab | 5·1 | +1·1 | 4·4 | +0·7 | 23·1 | +2·2 | 1·6 | —0·3 | 34·2 | - |
| 10. Kashmir | 10·1 | —1·1 | 15·4 | —0·4 | 24·6 | +1·0 | 7·6 | +0·1 | 57·7 | - |
| 11. Rajputana, West | 2·5 | +1·6 | 0·6 | —0·7 | 9·1 | —3·6 | 0·4 | —0·2 | 12·6 | - |
| 12. Rajputana, East | 4·3 | +3·0 | 0·4 | —1·4 | 30·9 | +1·7 | 2·0 | +0·3 | 37·6 | - |
| 13. Gujarat | 1·1 | +0·7 | 0 | —0·6 | 22·0 | —13·5 | 3·0 | +1·2 | 26·1 | — |
| 14. Central India, West | 4·0 | +2·8 | 0·2 | —1·3 | 46·7 | +8·3 | 4·7 | +1·9 | 55·6 | + |
| 15. Central India, East | 5·1 | +1·9 | 0·1 | —2·4 | 54·6 | +9·0 | 7·5 | +4·2 | 67·3 | + |
| 16. Berar | 3·9 | +2·5 | 0·8 | —1·7 | 47·3 | +7·9 | 10·0 | +5·7 | 62·0 | + |
| 17. Central Provinces, West | 5·8 | +3·3 | 1·0 | —2·0 | 56·2 | +7·4 | 8·1 | +4·0 | 71·1 | + |
| 18. Central Provinces, East | 3·2 | +0·7 | 2·8 | —1·8 | 57·0 | +2·4 | 6·7 | +1·8 | 69·7 | . |
| 19. Konkan | 1·0 | +0·8 | 1·7 | —1·0 | 84·3 | —0·7 | 9·7 | +1·9 | 96·7 | . |
| 20. Bombay Deccan | 1·5 | +1·0 | 3·4 | —0·5 | 37·7 | +0·5 | 12·0 | +5·1 | 54·6 | . |
| 21. Hyderabad, North | 0·3 | —1·4 | 2·6 | —1·6 | 45·6 | +1·8 | 9·7 | +4·6 | 58·2 | . |
| 22. Hyderabad, South | 0·4 | —0·8 | 4·1 | —0·5 | 35·1 | —2·5 | 10·4 | +3·8 | 50·0 | |
| 23. Mysore | 0·4 | —0·2 | 12·6 | +3·4 | 34·5 | +1·1 | 12·9 | +0·5 | 60·4 | . |
| 24. Malabar | 2·5 | +0·7 | 18·4 | +0·9 | 78·4 | +5·3 | 22·2 | —1·8 | 121·5 | . |
| 25. Madras, South East | 3·3 | +0·9 | 6·1 | —1·0 | 16·0 | —1·8 | 20·0 | —1·5 | 45·4 | - |
| 26. Madras, Deccan | 0·1 | —0·5 | 5·8 | +1·1 | 21·3 | —2·7 | 11·5 | +1·7 | 38·7 | . |
| 27. Madras Coast, North | 1·9 | +0·7 | 3·5 | —1·1 | 31·9 | —0·9 | 15·1 | +2·6 | 52·4 | . |

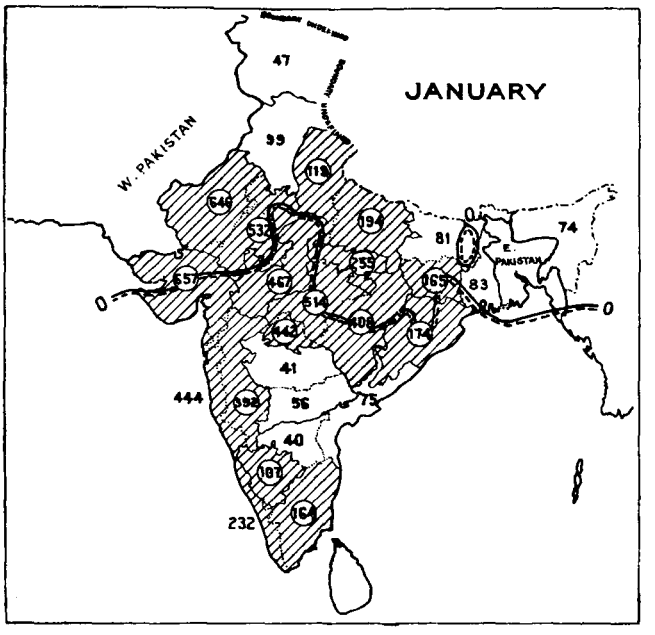
* Data not available.

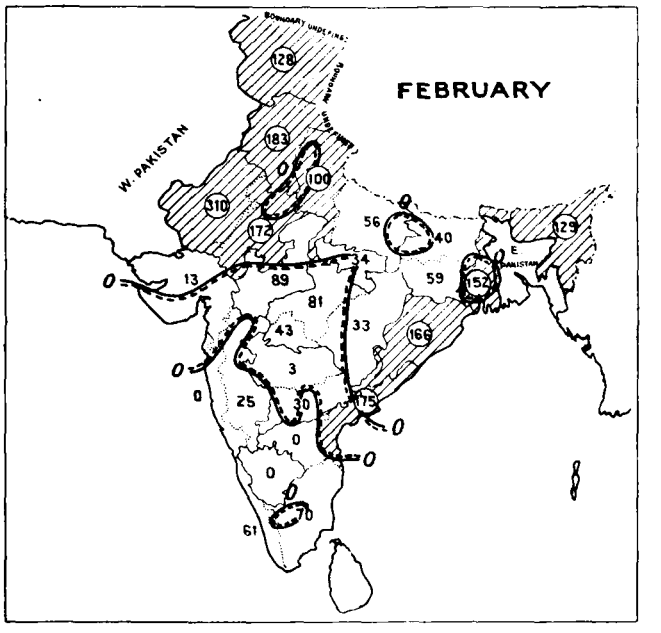
# Table XX.—Showing rainfall of 10″ and over with amounts in the preceding and following 24 hrs. during the year 1948.

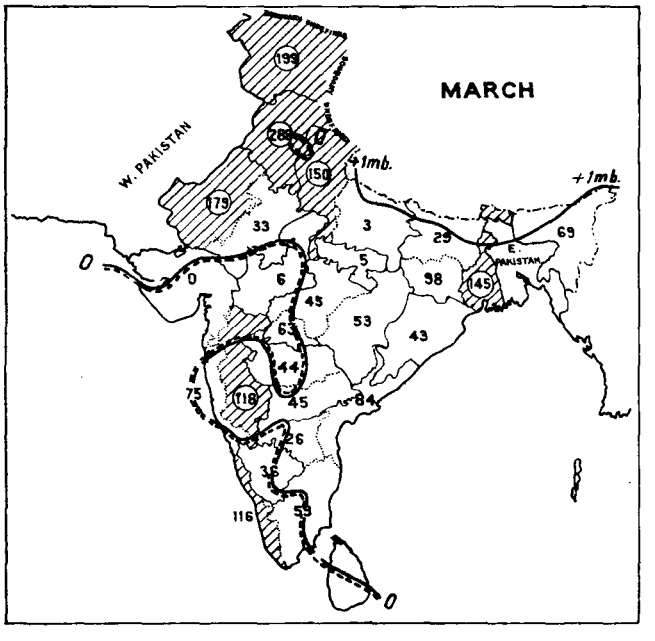
| Province and District. | Station. | Date. | Amount. Preceding day. | On date in column 3. | Succeeding day. |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 |
| **ASSAM.** | | | | | |
| Khasi and Jaintia Hills | Cherrapunji | May 3 | 1·33 | 11·56 | 0·17 |
| Do. | Do. | ,, 11 | 9·15 | 13·08 | 8·80 |
| Do. | Do. | ,, 29 | 3·34 | 11·72 | 11·26 |
| Do. | Do. | ,, 30 | 11·72 | 11·26 | 10·07 |
| Do. | Do. | ,, 31 | 11·26 | 10·07 | 0·63 |
| Do. | Mawsynram | ,, 9 | 5·55 | 11·58 | 8·53 |
| Do. | Do. | ,, 29 | 2·35 | 12·45 | 6·02 |
| Goalpara | Kachugaon | June 8 | 0·78 | 10·10 | 0·50 |
| Do. | Ranikhata | ,, 17 | 4·74 | 10·25 | 10·40 |
| Do. | Do. | ,, 18 | 10·25 | 10·40 | 1·37 |
| Khasi and Jaintia Hills | Cherrapunji | ,, 16 | 6·17 | 17·26 | 16·25 |
| Do. | Do. | ,, 17 | 17·26 | 16·25 | 5·73 |
| Do. | Do. | ,, 20 | 6·97 | 14·06 | 0·41 |
| Do. | Mawsynram | ,, 14 | 7·27 | 15·64 | 11·35 |
| Do. | Do. | ,, 15 | 15·64 | 11·35 | 1·20 |
| Goalpara | Ranikhata | July 31 | 0·25 | 12·31 | 3·06 |
| Khasi and Jaintia Hills | Cherrapunji | ,, 11 | 4·56 | 12·66 | 13·85 |
| Do. | Do. | ,, 12 | 12·66 | 13·85 | 5·68 |
| Do. | Do. | ,, 31 | 2·64 | 13·09 | 12·68 |
| Sadiya Frontier Tract | Pasighat | ,, 3 | 7·29 | 12·05 | 5·09 |
| Do. | Do. | ,, 10 | 5·26 | 12·22 | 18·42 |
| Do. | Do. | ,, 11 | 12·22 | 18·42 | 12·40 |
| Do. | Do. | ,, 12 | 18·42 | 12·40 | 2·35 |
| Khasi and Jaintia Hills | Cherrapunji | Aug. 1 | 13·09 | 12·68 | 11·46 |
| Do. | Do. | ,, 2 | 12·68 | 11·46 | 2·48 |
| Do. | Mawsynram | ,, 1 | .. | 16·30 | 9·30 |
| Do. | Do. | ,, 3 | 9·30 | 12·15 | 7·05 |
| Do. | Do. | Sept. 6 | 7·32 | 15·05 | 8·90 |
| Goalpara | Goalpara | Oct. 4 | 8·26 | 10·04 | 0·04 |
| **BENGAL.** | | | | | |
| Bankura | Taldaugra | June 27 | 6·40 | 11·10 | 1·30 |
| Jalpaiguri | Kumargram | ,, 18 | 5·60 | 10·00 | 1·20 |
| Do. | Jalpaiguri obsy. | July 10 | 3·41 | 10·32 | 1·52 |
| **ORISSA.** | | | | | |
| Cuttack | Jagatsingpur | Aug. 15 | 3·87 | 10·23 | 0 |
| Puri | Pipli | ,, 15 | 2·80 | 12·00 | 0 |
| **BIHAR.** | | | | | |
| Darbhanga | Phulparas | July 4 | 9·00 | 10·50 | 0 |
| Gaya | Sherghati | Aug. 5 | 1·89 | 10·08 | 2·91 |
| Do. | Rajauli | ,, 5 | 5·00 | 10·70 | 0·85 |
| Shahabad | Manoharpur | ,, 7 | 4·00 | 11·62 | 1·25 |
| Palamau | Harlharganj | Sept. 15 | 1·29 | 11·50 | 0 |
| **UNITED PROVINCES.** | | | | | |
| Allahabad | Meja | July 12 | 1·26 | 10·86 | 0·95 |
| Faizabad | Faizabad | ,, 7 | 1·85 | 10·12 | 0·33 |
| Moradabad | Amroha | Aug. 24 | 6·20 | 11·98 | 0 |
| Nainital | Nainital | ,, 24 | 3·22 | 10·58 | 3·06 |
| Deoria | Salimpur | Sept. 13 | 1·95 | 10·25 | 2·62 |
| **RAJPUTANA.** | | | | | |
| Kotah | Sultanpur | July 23 | 0·20 | 10·86 | 0·36 |
| Do. | Autah | ,, 23 | 0·03 | 12·21 | 0·70 |
| **BOMBAY.** | | | | | |
| Poona | Lonavala | June 14 | 0·03 | 14·25 | 1·30 |
| Thana | Mahim | ,, 13 | 0 | 10·81 | 0 |
| Savantvadi | Amboli | July 21 | 3·75 | 11·95 | 2·80 |
| Kolaba | Matheran | Aug. 17 | 9·26 | 13·16 | 2·47 |
| Kolhapur | Gagan Bavda | ,, 14 | 9·20 | 11·90 | 4·80 |
| Ratnagiri | Devgad | Sept. 23 | 2·74 | 10·34 | 1·06 |
| Thana | Dahanu | Nov. 22 | 1·16 | 10·10 | 0·02 |
| **CENTRAL INDIA.** | | | | | |
| Rewa State | Govindgarh | June 28 | 0·70 | 10·22 | 3·04 |
| Bhopal Agency | Kotra | Sept. 4 | 0·45 | 12·10 | 2·17 |
| **CENTRAL PROVINCES AND BERAR.** | | | | | |
| Drug | Khapari | Aug. 15 | 0·04 | 10·83 | 5·83 |
| Do. | Bhatagaon | ,, 15 | 0·07 | 11·11 | 2·62 |
| Raipur | Dhamtari | ,, 15 | 0·22 | 12·11 | 7·83 |
| **MADRAS** | | | | | |
| Malabar | Lakkidi | June 12 | 4·15 | 11·45 | 3·75 |
| South Kanara | Karkal | Aug. 10 | 3·45 | 11·40 | 7·14 |
| Guntur | Morthata | Nov. 6 | 0 | 10·10 | 1·10 |
| **MYSORE.** | | | | | |
| Shimoga | Nagar | July 8 | 2·70 | 14·50 | 4·60 |

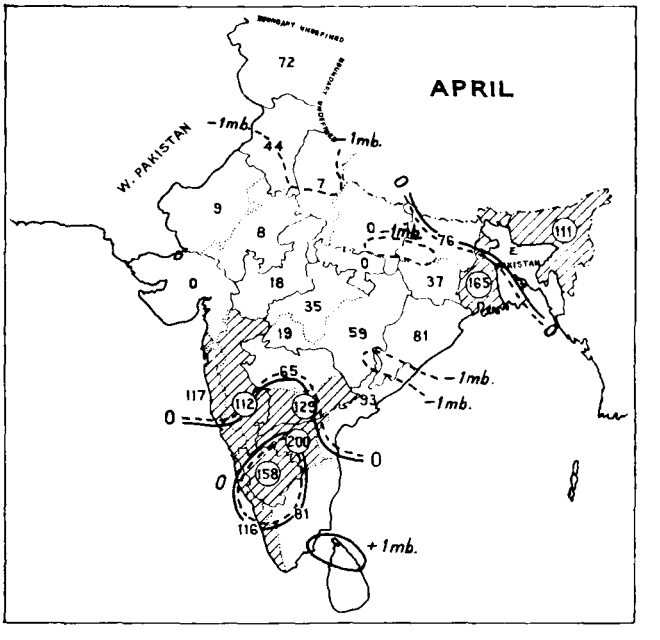
# SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

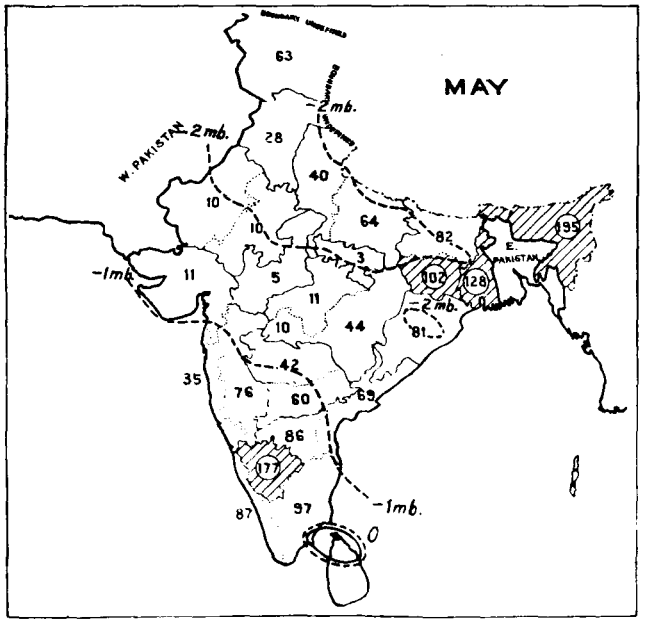


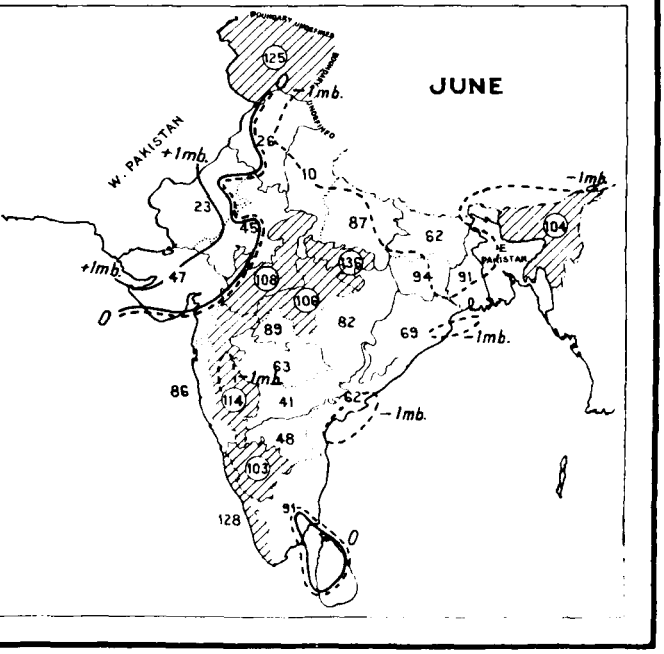


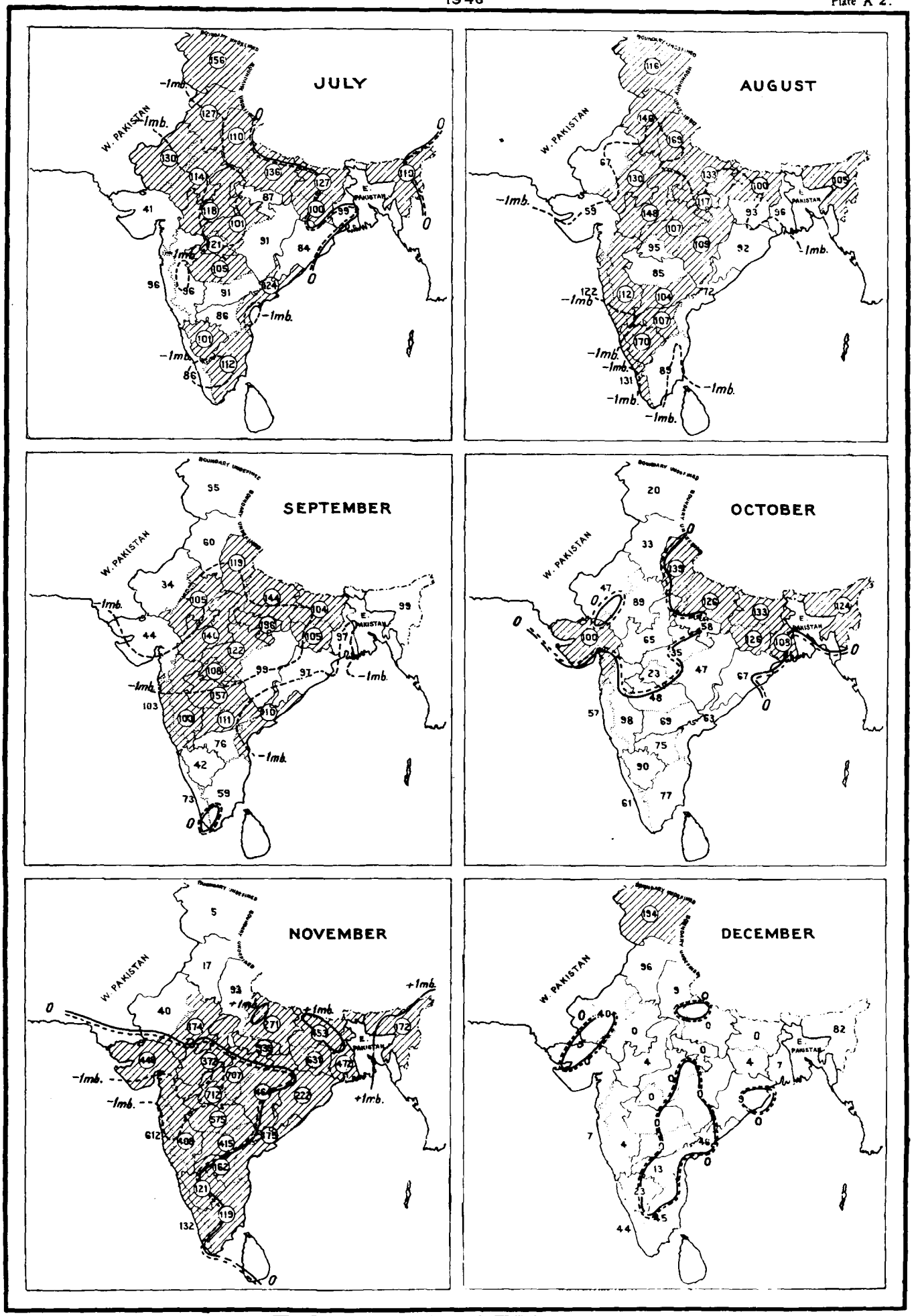




ABOVE 100% BELOW 100%

G.P.Z.-P. POONA, 52

# SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)



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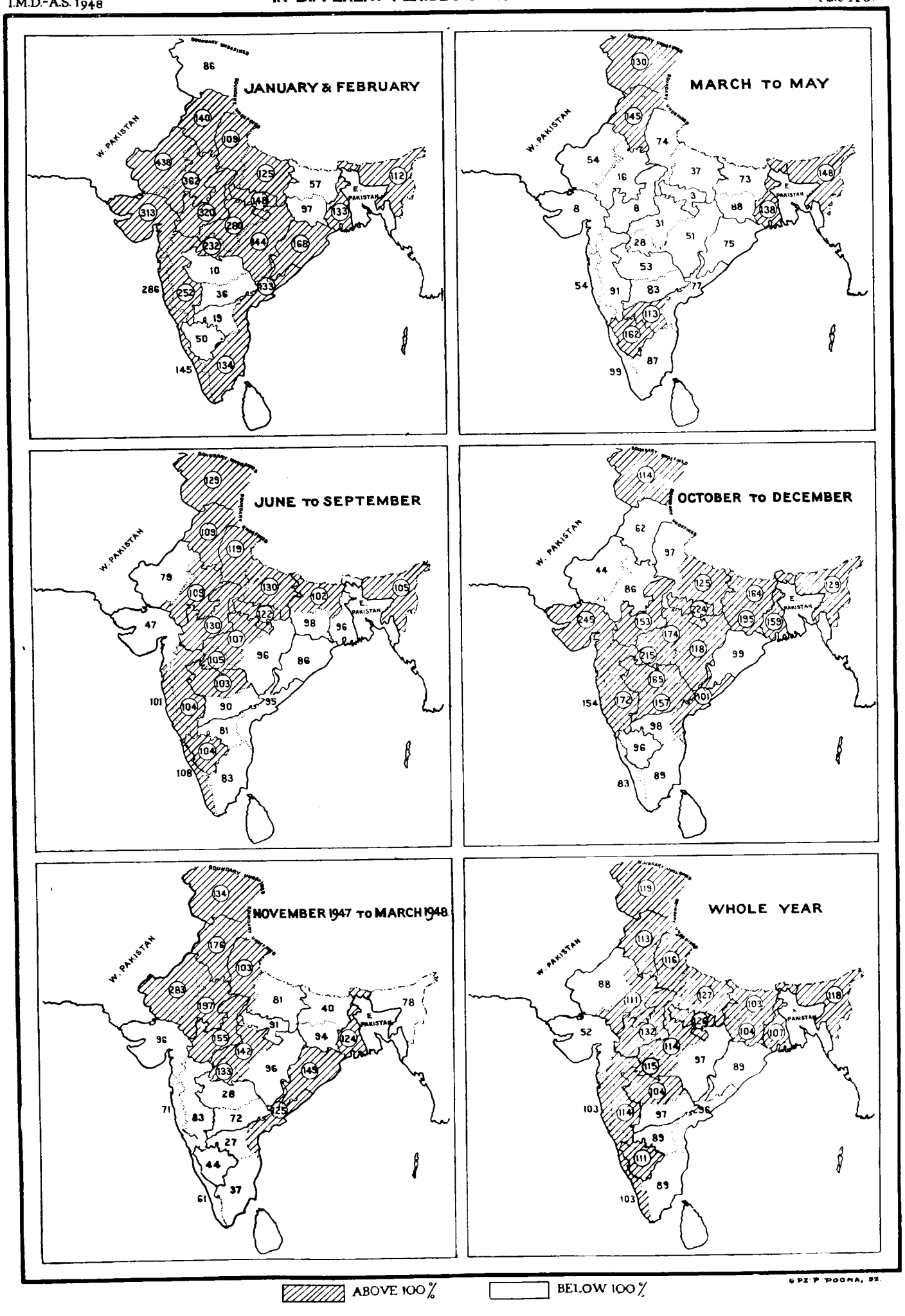
# SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS) IN DIFFERENT PERIODS OF THE YEAR 1948.






G.P.I. P. POONA, 82.

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[*Continued from inner side of the front cover.*]

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