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India. METEOROLOGICAL DEPARTMENT

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INDIA WEATHER REVIEW, 1932

INTRODUCTION.

THE India Weather Review for each year from 1923 onwards is composed of the Monthly Weather Reports, which are published promptly at the end of each month, and the Annual Summary, which is intended primarily for scientific reference and must always be somewhat delayed in publication in order to allow time for the collection and analysis of statistics from all provincial rainfall stations and extra-Indian stations, as well as of logs of steamers used in the discussion of storms in the Indian seas.

Each Monthly Weather Report gives a short account of the weather of the month and contains tables of monthly mean data. Up to the end of 1931 there used to be the following three tables :—

I. Mean monthly data of rainfall, temperature, humidity and cloud for the 15 chief political divisions.

II. Similar data for the 33 sub-divisions.

III. Monthly means for each of the stations which telegraph the 8 hrs. observations daily to headquarters ; these means formed the basis of the divisional means appearing in the above mentioned Tables I and II.

From January 1932 onwards Tables I and II above have been combined into a single Table, Table I.

Table III, now styled Table II, includes the monthly mean data based on 8 hrs. observations of not only stations reporting to Poona, but all stations reporting to one forecasting centre or other. The number of such stations in 1932 was 237.

Beginning with the issue for 1928, the Annual Summary is published in seven parts as detailed below :—

Introduction.—Table of contents, Introduction, and List of publications issued by the Department.

A.—Summary of Weather and Rainfall—

(i) Chief Features of Rainfall and of the most important storms. It also contains references about any features of temperature, pressure, etc., which happen to be outstanding during the year.

(ii) General Remarks on the Weather of the year in a narrative form which have hitherto appeared under the headings General Remarks, Pressure, Temperature, Humidity, Cloud and Rainfall. They are followed by the usual tables of Pressure, Temperature, Humidity, Cloud and Rainfall for the chief divisions of India.

(iii) Three plates showing the monthly and seasonal distribution of rainfall and monthly departures of pressure.

B.—Snowfall.

C.—Storms and depressions. This describes all storms and depressions and contains articles on Western disturbances, local storms, and storm track charts.

D.—Annual Tables D_1 D_2 D_3 D_4 and D_5 corresponding to tables A, B, C and D of the Annual Summary up to 1927 containing the yearly data for each station and the monthly data of stations not appearing in the Monthly Weather Report. The additional climatic tables for Kodaikanal, Madras, Bombay and Trivandrum are given in the appendix.

E.—Seismic Records at Agra, Bombay, Calcutta and Kodaikanal.

F.—Errata sheets for the Monthly Weather Reports.

The articles and tables on solar and magnetic activity are omitted, but will appear in the Kodaikanal and Bombay publications. The tables of pilot balloon and sounding balloon data and of cloud direction frequencies have been excluded from this publication and are being published separately in monthly and annual volumes of " Upper Air Data." The accounts of storms and of rainfall distribution that appear in the Annual Summary are based on much fuller information than was available at the time of the publication of the Monthly Weather Reports. The rainfall summary is based on the data of about 3,100 stations, and Tables A-7 to A-12 are, therefore, more accurate than Table I of each Monthly Weather Report.

Notes on conditions of exposure of instruments, on methods of reduction and on form of presentation of data.

The following notes concerning the methods of observation in India and of reduction and grouping of results will probably of some help to users of this volume.

Territorial divisions.

The system of territorial divisions, which has remained unchanged since 1st April 1912, is as follows :—

Chief political divisions.	Sub-divisions.
	Bay Islands.
Burma	Lower Burma.
	Upper Burma.
Assam	Assam.
Bengal	Bengal.
Bihar and Orissa	Orissa.
	Chota-Nagpur.
	Bihar.
United Provinces	United Provinces, East.
	United Provinces, West.
Punjab	Punjab, East and North.
	Punjab, Southwest.
	Kashmir.
North-West Frontier Province	North-West Frontier Province.
	Baluchistan.
Sind	Sind.
Rajputana	Rajputana, West.
	Rajputana, East.
Bombay	Gujarat.
	Konkan.
	Bombay Deccan.
Central India	Central India, West.
	Central India, East.
Central Provinces	Berar.
	Central Provinces, West.
	Central Provinces, East.
Hyderabad	Hyderabad, North.
	Hyderabad, South.
Mysore	Mysore.
Madras	Malabar.
	Madras, Southeast.
	Madras, Deccan.
	Madras Coast, North.

Barometric pressure.

Mercurial barometers on Fortin's principle with tubes of 0·4″ bore throughout have always been in use at most of the observing stations in India ; but of late years the department has introduced an increasing number of Kew pattern barometers, made according to specifications issued by the Department.

Aneroid barometers were in use at Ispahan, Tehran and Kashgar.

At Calcutta, Bombay and Trivandrum the standards are Newman instruments, with adjustable scales ; at Poona, the standard is an instrument on Fortin's principle. All these standards have tubes of large bore.

All instruments issued up to 1931 were compared at Calcutta before issue and their corrections determined to the Calcutta standard, which was, until 1910, about ·011″ higher than the Kew standard. The present difference is probably less than this, but the determination of the exact amount is a matter of difficulty (*see* the Departmental Memoirs, Vol. XXI, pp. 127-8, 1916).

Instruments issued during the year 1932 were compared with the Fortin Standard at Poona, and the corrections determined with reference to the Calcutta standard mentioned above.

The barometers are in all cases situated in masonry buildings to protect them as much as possible from rapid changes of temperature.

The heights above mean sea level of the barometers are given in Tables D-1, D-2, and D-3 in Part D. Those heights which have been obtained accurately by actual measurement from datum levels determined by the Great Trigonometrical Survey of India, are given in ordinary type ; the heights of a few stations have been determined barometrically and are printed in italics.

All readings are reduced to 32° F and to standard gravity.

Temperature.

There are now two standard methods of exposing thermometers in India. The old method lay in the use of large open-sided sheds to protect the instruments from extraneous radiation. A detailed description of the shed and of the methods of exposure will be found in the Instructions to Observers of the India Meteorological Department (1902 edition) and in the Annual Report on the Meteorology of India for the year 1887, page 37. The cost of the sheds and of their upkeep rose greatly after the war, and it became necessary to consider other devices for efficiently shading thermometers. Experiments with other types of shed and with various louvred Stevenson screens were carried out at Agra and described in Vol. XXIV, Part III, of the Memoirs of this department. As a result it was decided to replace all sheds in India by Stevenson screens, as opportunity offered. The pattern of screen adopted for use in India has free inside measurements of about 22″ length, 14″ depth and 17″ height, and is somewhat larger than the pattern approved in 1884 by the Thermometer Screen Committee of the English Meteorological

Society, and larger too than the "small model" in common use in Germany. It is made of teak wood painted white and has four double louvred sides and a perforated top and bottom. A sloping extra cover of wood protects the top from sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each.

A beginning was made with this policy in the year 1923 and by the end of the year 1932, thermometer sheds remained to be replaced by Stevenson screens only at 14 observatories mostly in Indian States.

Thermometers in use which were issued up to the end of 1931 were verified by comparison with Kew Standard thermometers at Calcutta. Instruments issued during 1932 were compared at Poona with standards provided with certificates of correction from the National Physical Laboratory, Teddington, England. All the thermometers at the observing stations are restandardised from time to time; all readings are corrected to their true values.

Terrestrial radiation.

New terrestrial radiation thermometers were brought into use at most of the departmental first-class observatories and the method of exposure was also altered during the year. Formerly these thermometers were laid on a thick pad of woollen blanket; but now they are placed on two wooden forks on a close cropped grass plot so that the bulb of the thermometer is 1½" above ground. The nocturnal radiation temperatures recorded by these thermometers at 11 stations appear in table D-1, in which the depression of these temperatures below the minimum temperature at 4 feet above ground is also given. The normals of depression used for Calcutta and Lahore are based on more than fifty years' data and for Srinagar on about 30 years' data.

Surface winds.

All anemometers issued up to the end of 1931 were compared before issue with the standard Beckley anemograph at the Alipore Observatory. Since January 1932 anemometers are issued from Poona after comparison with the standard cup anemometer there. This standard is provided with a certificate of corrections from wind channel tests made by the National Physical Laboratory, Teddington, England, and has also been compared with the Beckley anemograph at Alipore. However, as only instruments with small corrections are issued and as it is impracticable to prevent always slight alterations in exposure resulting from growth of trees or erection of buildings, it has been considered unnecessary to apply any correction to the observed values.

Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had in India, as in other countries, been taken at 3·0; but from that year the generally accepted factor of 2·2 has been used (*see* note on page 8, Monthly Weather Review, January 1912). Recently the department has begun to introduce totalising anemometers remodelled at the departmental workshop at Poona from old cup anemometers of the dial pattern. The wind data published consist of observations of the direction of the wind at 8 hrs. and of the mean hourly air movement as registered by Robinson anemometers during the 24 hours ending at 8 hrs. For stations in Tables D-1 and D-2 the wind data include for each month and year the frequency of the wind direction from 8 compass points at both the hours of observation. The resultant direction is calculated in all cases by the use of Lambert's formula in which equal weight is given to each wind observation irrespective of velocity.

Humidity and cloud.

The hygrometric data are calculated by means of the departmental "Tables for the reduction of meteorological observations in India." The proportion of cloud is estimated in tenths of the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by 0.

Rainfall.

Symons's raingauges are now used at all raingauge stations, with the exception of those in Mysore and Travancore. The time of measuring rainfall is 8 hrs., local time, throughout India, and the amounts then registered give the rainfall of the previous 24 hours.

The rainfall data for each province are generally tabulated in the office of the Provincial officers controlling registration of rainfall in the province, and published in the provincial gazettes. The data of Baluchistan, Kashmir, Rajputana, the North-West Frontier Province and Central India are, however, published by the Poona Meteorological Office. These provincial tables are collected together and are issued annually in a separate volume entitled "Rainfall of India". The forty-second volume, that of 1932, contains the whole rainfall data of about 3,100 stations which are utilised in preparing Tables A-7 to A-12 on pages A-12 to A-22. In these provincial tables and in the rainfall observations at the meteorological observatories published in this volume a "rainy day" is taken to be one on which 0·10 inch or more of rain is recorded.

Tables.

Table D-1 contains the monthly and annual means of observations recorded at 10 hrs. (L. M. T.) and 17 hrs. (I. S. T.) at 13 stations and at 10 hrs. and 16 hrs. (L. M. T.) at 2 stations. The daily means of pressure, temperature, humidity and vapour tension data given in this table have been reduced to true mean of the day by the application of appropriate corrections recently derived from the available hourly observations; in the case of Seychelles and Katmandu, however, the corrections given in Vol. XVII of the Indian Meteorological Memoirs have been used. The daily means of Kodaikanal are those obtained from the hourly records of self-recording instruments corrected by eye readings. The 10 hrs. (L. M. T.) data of Bombay with the exception of cloud are taken from autographic charts. In finding the monthly means of maximum and minimum temperatures in this table, a day is reckoned from midnight to midnight; in all other tables it is reckoned from 8 A.M. to 8 A.M. Thus the month will end at midnight ending on the last day of the month in the former case and at 8 A.M. of the last civil day of the month in the latter. The small differences between the monthly means for the same stations in this table and other tables are due to this cause. The departures from normals are based on normal values derived from all available data down to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII.

Table D-2 contains the monthly and annual means of 4 hrs. and 14 hrs. (G. M. T.) observations recorded at 15 stations in Persia and the adjoining areas.

Table D-3 contains the annual means of 8 hrs. observations recorded at 214 stations whose monthly means are published in Table II of the Monthly Weather Reports, as well as the monthly and annual means of 17 non-reporting stations in India and the neighbouring countries.

Table D-4 gives the monthly and annual data of 18 fourth-class observatories.

Table D-5 gives the annual rainfall data for 23 fifth-class stations and monthly and annual data at 5 other stations.

The departures from normals given in tables D-3 to D-5 are based mostly upon the normal values determined from all the available data down to 1920. In some cases data up to 1930 have been used, while, at certain stations with short period data, normals have been derived by comparison with a neighbouring station having long period normals.

PUBLICATIONS OF THE INDIA METEOROLOGICAL DEPARTMENT

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Instructions to Observers of the Indian Meteorological Department, 2nd Edition, (1902) . . . . . Rs. 3*	Sir John Eliot.
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Part IV. An enquiry into the nature and course of storms in the Arabian Sea and a catalogue and brief history of all recorded storms in the Arabian Sea from 1848—1889. (1891) . . . . . Rs. 3	W. L. Dallas.
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MONTHLY WEATHER REPORT

FOR

January 1932

(Supplement to the Indian Daily Weather Report for the 29th February 1932)

Published by order of the Governor-General in Council

Summary.—The chief features were:—(1) deficient precipitation in the plains of northwest India due to unusual northerly course of seven of the nine western disturbances which affected the weather there, (2) high day temperatures in northwest India, the United Provinces and central India during the last fortnight.

Of the nine western disturbances which affected weather in northwest India during the month, seven took a more northerly course than usual, passing away eastwards through Kashmir. The first caused a few light falls of rain or snow in Baluchistan on the 2nd and in Kashmir on the 3rd, with a few falls of rain in Assam on the 5th. The second western disturbance lay as a low pressure area over north Baluchistan on the 7th; it intensified into a depression by the next day, moved to the southwest Punjab and filled up there on the 10th. This disturbance was responsible for nearly general rain in the North-West Frontier Province on the 8th and 9th, in Kashmir on the 8th and in the Punjab on the 9th and local rain in the Punjab on the 8th and in Kashmir on the 9th; scattered falls were also recorded in Baluchistan from the 5th to 9th, in the North-West Frontier Province on the 7th and 10th, in Sind on the 8th and in the Punjab-Kumaon hills on the 10th. The third western disturbance caused only a few light falls of rain in the North-West Frontier Province on the 12th. The fourth gave a few falls of rain in Assam on the 16th and 17th during its eastward passage. The fifth disturbance caused local falls of snow in Kashmir on the 18th and 19th, with a few falls there on the 20th and in Assam from the 20th to 24th. The sixth and the seventh disturbances gave a few falls of snow in Kashmir on the 24th and 27th respectively, and the eighth caused local falls of rain or snow in Kashmir, with a few falls of rain in the North-West Frontier Province on the 30th. The last western disturbance of the month lay as a deep depression over the Punjab on the 1st February after causing nearly general rain or snow in the North-West Frontier Province and Kashmir with a few falls in Baluchistan and the Punjab hills on the 31st.

2. A few falls of rain occurred in southeast Madras on the 11th and 12th and in Tenasserim on the last two days of the month.

3. The month's rainfall was in large excess in the North-West Frontier Province, in slight excess in Assam and normal in Kashmir. It was in moderate defect in the Bay Islands and the Punjab and in large defect elsewhere. Averaged over the plains of India, the total rainfall for the month was in defect by 68 per cent.

4. The unusual northerly course of the western disturbances was responsible for absence of winter conditions and day temperatures were above normal in northwest India, the United Provinces, Central India, the west Central Provinces and the Konkan from 19th to 31st and in Bihar during the last week; night temperatures were above normal in Baluchistan, Sind and west Rajputana on the last ten days of the month and in the southwest Punjab, Kashmir and the North-West Frontier Province after the 26th. Maximum temperature was also above normal in the United Provinces, east Rajputana and east Central India from the 3rd to 13th and in the east and north Punjab and Kashmir between the 4th and 8th. Both the monthly mean maximum and minimum temperatures were above normal in the southwest Punjab, the North-West Frontier Province, Rajputana, Gujarat and west Central India. The mean maximum temperature was also above normal in Bengal, Bihar and Orissa, the United Provinces, the east and north Punjab, Baluchistan, Sind, east Central India, the west Central Provinces and the Konkan and below it in the Bay Islands and the Madras Deccan; the mean minimum temperature was also above normal in Kashmir and below it in south Hyderabad.

[Price 4 annas.]

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall for the month was in moderate to large defect. Cloud amount was less than the normal in Burma and humidity in defect in the whole division. Maximum temperature was below normal in the Bay Islands.

Northeast India, including Orissa.—The month's rainfall was in slight excess in Assam and in large defect elsewhere. Cloud amount was less than the normal everywhere except in Assam. Humidity was in defect in Chota Nagpur. Maximum temperature was above normal in Bengal and Bihar and Orissa.

The United Provinces, Central India and the Central Provinces.—The total rainfall for the month was in large defect and cloud amount was less than the normal. Air was more moist than usual in the east United Provinces and drier in the west United Provinces and the west Central Provinces. Both the maximum and minimum temperatures were above normal in west Central India and the maximum alone in the United Provinces, east Central India and the west Central Provinces.

Northwest India.—The total rainfall for the month was in large excess in the North-West Frontier Province, normal in Kashmir and in moderate to large defect elsewhere. Skies were less clouded than usual in Rajputana. Humidity was in excess in the North-West Frontier Province and in defect in the east and north Punjab, east Rajputana and Gujarat. Both the maximum and minimum temperatures were above normal in the southwest Punjab, the North-West Frontier Province, Rajputana and Gujarat, the maximum alone in the east and north Punjab, Baluchistan and Sind, and the minimum alone in Kashmir.

The Peninsula.—The month's rainfall was in large defect. Cloud amount was less than the normal in Hyderabad, Mysore, Malabar, the Madras Deccan and the north Madras coast. Humidity was in defect in the Konkan, Malabar and southeast Madras. Maximum temperature was above normal in the Konkan, and below it in the Madras Deccan; the minimum was below normal in south Hyderabad.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 6th February 1932.

S. BASU,
for *Director-General of Observatories.*

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	0·04	0·22	−0·18	−82	+0·9	−0·5	−6	−0·7
2. Assam ...	0·82	0·74	+0·08	+11	+0·5	+1·4	0	−0·4
3. Bengal ...	0·01	0·35	−0·34	−97	+2·9	+1·3	+1	−1·0
4. Bihar and Orissa ...	0	0·54	−0·54	−100	+3·0	+0·5	−2	−1·4
5. United Provinces ...	0·01	0·94	−0·93	−99	+5·4	+1·5	−1	−1·1
6. Punjab ...	0·81	1·16	−0·35	−30	−1·8	+2·3	−3	−0·3
7. North-West Frontier Province.	1·86	1·03	+0·83	+81	+4·3	+2·3	+4	−0·1
8. Sind ...	0·10	0·33	−0·23	−70	+3·0	+1·9	+1	+0·5
Division—*contd.*								
9. Rajputana ...	0	0·28	−0·28	−100	+6·7	+3·4	−5	−0·6
10. Bombay ...	0	0·10	−0·10	−100	+2·9	+0·7	−5	0
11. Central India ...	0	0·50	−0·50	−100	+6·5	+1·4	−1	1·1
12. Central Provinces ...	0	0·48	−0·48	−100	+2·7	+0·7	−1	1·3
13. Hyderabad ...	0	0·25	−0·25	−100	−0·1	−1·7	+1	−1·1
14. Mysore ...	0	0·22	−0·22	−100	−0·9	−1·7	−3	−1·4
15. Madras ...	0·04	0·74	−0·70	−95	−1·0	−1·1	−4	0·6
Mean of India ...	0·16	0·51	−0·35	−68	+2·8	+0·7	−3	−0·7
Sub-division								
1. Bay Islands ...	1·10	1·63	−0·53	−33	−2·2	+0·3	−10	0
2. Lower Burma ...	0·07	0·25	−0·18	−72	+0·9	−0·7	−6	−0·7
3. Upper Burma ...	0·01	0·19	−0·18	−95	+0·8	−0·2	−6	−0·6
4. Assam ...	0·82	0·74	+0·08	+11	+0·5	+1·4	0	−0·4
5. Bengal ...	0·01	0·35	−0·34	−97	+2·9	+1·3	+1	−1·0
6. Orissa ...	0	0·39	−0·39	−100	+2·0	0	0	−1·3
7. Chota Nagpur ...	0	0·75	−0·75	−100	+2·8	+0·8	−6	−1·6
8. Bihar ...	0	0·53	−0·53	−100	+4·0	+0·8	−3	−1·5
9. United Provinces, East	0	0·72	−0·72	−100	+4·9	+1·9	+4	−1·5
10. Do. do. West.	0·01	1·14	−1·13	−99	+5·8	+1·2	−5	−0·6
11. Punjab, East and North	1·05	1·52	−0·47	−31	+5·5	+1·7	−4	−0·5
12. Do. Southwest ...	0·40	0·53	−0·13	−25	+3·8	+3·3	−3	0
13. Kashmir ...	3·04	2·90	+0·14	+5	+0·5	+2·0	−4	+1·0
14. North-West Frontier Province.	1·86	1·03	+0·83	+81	+4·3	+2·3	+4	−0·1
15. Baluchistan ...	0·60	1·23	−0·63	−51	+4·5	+1·9	−2	+0·2
16. Sind ...	0·10	0·33	−0·23	−70	+3·0	+1·9	+1	+0·5
17. Rajputana, West ...	0	0·24	−0·24	−100	+6·1	+2·9	−1	−0·8
Sub-division—*contd.*								
18. Rajputana, East ...	0	0·30	−0·30	−100	+7·0	+3·7	−7	−0·5
19. Gujarat ...	0	0·08	−0·08	−100	+4·7	+2·4	−4	+0·1
20. Central India, West ...	0	0·25	−0·25	−100	+4·2	+2·3	−3	−1·0
21. Do. do. East ...	0	0·75	−0·75	−100	+8·8	+0·5	+1	1·1
22. Berar ...	0	0·39	−0·39	−100	+1·5	+0·5	0	−1·2
23. Central Provinces, West.	0	0·51	−0·51	−100	+4·1	+1·9	−4	1·0
24. Do. do. East.	0	0·47	−0·47	−100	+1·3	−0·9	+1	−1·7
25. Konkan ...	0	0·07	−0·07	−100	+3·8	+0·9	−9	−0·1
26. Bombay Deccan ...	0	0·14	−0·14	−100	−0·1	−1·8	−3	0
27. Hyderabad, North ...	0	0·30	−0·30	−100	+0·8	−0·9	+3	−0·9
28. Do. South ...	0	0·21	−0·21	−100	−0·6	−2·1	0	−1·2
29. Mysore ...	0	0·22	−0·22	−100	−0·9	−1·7	−3	−1·4
30. Malabar ...	0	0·47	−0·47	−100	+0·3	−1·6	−8	−1·2
31. Madras, Southeast ...	0·10	1·19	−1·09	−92	−1·8	−0·5	−5	+0·1
32. Do. Deccan ...	0	0·21	−0·21	−100	−2·3	−1·8	−2	−0·6
33. Do. Coast North...	0	0·51	−0·51	−100	+0·1	−1·5	0	−1·3

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·921	+ ·050	N 39 E	5·2	78·9	72·1	83·9	− 2·2	85	8 days	75·9	+ 0·3	71	5, 16	70	− 10	4·0	1·10	− 0·53	1	− 1·0	1·10	30
Lower Burma																							
Victoria Point ...	29·828	+ ·036	N 56 E	6·0	75·8	70·2	84·9	− 1·4	89	26	72·8	+ 0·1	65	4	75	− 1	5·9	0	− 0·29	0	− 0·8	0	...
Mergui ...	29·932	+ ·056	N 78 E	...	70·0	65·4	86·7	− 1·2	93	20, 29	64·5	− 3·3	57	5	77	− 5	0·2	0·66	− 0·24	1	− 0·4	0·66	31
Tavoy ...	30·005	+ ·068	N 63 E	2·3	69·0	64·2	90·5	+ 1·2	97	27	61·3	− 3·6	51	4	75	− 12	1·0	0	− 0·20	0	− 0·4	0	...
Amherst ...	29·960	...	N 81 E	5·5	70·6	64·6	86·9	...	91	20, 21	66·9	...	61	11	71	...	2·5	0	...	0	...	0	...
Rangoon ...	30·017	+ ·065	N 34 E	3·0	69·0	63·2	90·0	+ 1·4	95	7 days	65·3	− 0·4	62	12,13,15	70	− 12	1·6	0	− 0·21	0	− 0·3	0	...
Bassein ...	30·019	+ ·069	N 61 E	3·0	68·5	63·5	88·9	+ 3·1	94	22, 25	61·7	− 1·2	57	13	74	− 13	2·1	0	− 0·12	0	− 0·1	0	...
Diamond Island ...	29·968	+ ·046	N 27 E	5·9	75·7	69·9	84·3	+ 0·7	87	5 days	73·0	+ 1·5	70	13	73	− 1	1·5	0	− 0·18	0	− 0·3	0	...
Gwa ...	30·035	...	S 39 E	3·3	63·3	61·6	83·6	...	87	23	56·4	...	52	22	91	...	0·6	0	...	0	...	0	...
Toungoo ...	29·902	+ ·080	...	...	63·1	59·9	87·2	+ 2·8	92	22	57·3	− 0·4	52	28	83	− 6	2·0	0	− 0·20	0	− 0·3	0	...
Kyaukpyu ...	30·028	+ ·058	N 60 E	3·9	69·5	66·4	80·0	+ 1·1	96	1	64·5	− 1·2	59	1, 22	85	0	0·5	0	− 0·05	0	− 0·3	0	...
Akyab ...	30·036	+ ·067	N 23 E	5·8	63·8	60·6	81·3	+ 0·5	87	24	58·2	− 1·1	55	7, 8	83	− 5	0·3	0	− 0·06	0	− 0·1	0	...
Upper Burma																							
Minbu ...	29·908	+ ·071	N 37 W	3·0	66·1	59·2	83·6	− 0·5	88	23	56·8	− 0·9	53	22, 24	64	− 10	0·6	0	− 0·04	0	− 0·1	0	...
Yamethin ...	29·394	+ ·066	N 5 W	1·7	62·6	56·0	85·9	+ 0·7	90	23	54·4	− 1·8	52	5 days	67	13	1·0	0	− 0·10	0	− 0·2	0	...
Mandalay ...	29·813	+ ·064	Calm	1·0	61·9	58·0	85·7	+ 1·2	89	23	56·3	− 0·3	53	6	77	− 5	0·5	0	− 0·05	0	− 0·1	0	...
Monywa ...	29·797	+ ·048	N 25 W	2·6	61·5	59·0	84·2	+ 1·9	88	23	56·7	− 0·5	54	1, 3, 10	85	0	1·3	0	0	0	0	0	...
Lashio ...	27·232	+ ·062	W	2·5	51·7	49·4	73·4	− 0·3	77	23, 27	46·1	0	42	28	83	− 9	1·9	0	− 0·27	0	− 0·6	0	...
Bhamo ...	29·690	+ ·066	N 22 E	1·4	55·1	54·2	76·4	+ 0·5	80	18, 23	49·5	+ 0·7	46	26, 28	93	− 3	7·5	0	− 0·49	0	− 1·2	0	...
Myitkyina ...	29·606	+ ·054	N 4 E	2·6	55·7	53·9	76·8	+ 2·3	80	27	51·3	+ 1·5	49	6 days	87	− 3	2·6	0·04	− 0·37	0	− 1·1	0·04	30
Assam																							
Dibrugarh ...	29·745	+ ·045	N 50 E	1·4	54·5	53·9	70·8	− 0·5	77	15	51·8	+ 1·9	47	30	97	+ 1	6·2	2·99	+ 1·54	6	+ 2·6	1·20	18
Sibsagar ...	29·788	+ ·069	N 41 E	1·7	55·8	55·6	72·7	+ 2·7	78	6, 14	51·7	+ 2·0	47	27,28,31	100	+ 2	6·3	1·89	+ 0·60	3	− 0·6	0·78	22
Tezpur ...	29·852	+ ·060	N 77 E	2·4	57·3	55·9	74·3	+ 0·7	77	7 days	54·2	+ 1·8	51	2, 27	91	− 2	3·6	0·82	+ 0·29	2	+ 0·6	0·51	24
Gauhati ...	29·898	+ ·054	N 85 E	1·5	56·4	55·5	74·5	− 0·1	79	18	50·3	− 0·4	47	4, 27, 28	93	− 2	6·2	0	− 0·31	0	− 0·9	0	...
Dhubri ...	29·957	+ ·039	S 86 E	5·3	60·1	58·2	74·2	+ 0·4	78	22	56·0	+ 2·9	53	31	88	− 2	1·4	0	− 0·30	0	− 0·7	0	...
Silchar ...	29·999	+ ·063	N 65 E	1·1	56·7	55·5	79·4	+ 1·5	83	28	52·9	+ 0·4	50	2	93	+ 3	1·0	0·06	− 0·75	0	− 1·6	0·06	22
Srimangal ...	30·012	+ ·031	N 27 W	...	56·5	55·5	79·6	− 1·0	83	23,26,28	49·0	+ 1·2	45	20	93	+ 1	0·5	0	− 0·49	0	− 1·0	0	...
Bengal																							
Cox's Bazar ...	30·019	+ ·051	N 60 E	1·4	63·2	59·2	80·6	+ 1·0	86	24	56·0	− 0·5	52	8	78	− 9	0·7	0	− 0·06	0	− 0·2	0	...
Chittagong ...	29·980	+ ·056	N 70 E	3·1	60·3	57·4	81·8	+ 3·4	88	28	55·4	+ 0·2	52	1	82	− 6	0·5	0	− 0·28	0	− 0·5	0	...
Noakhali ...	30·044	+ ·050	N 2 W	2·8	62·6	60·8	79·8	+ 1·9	84	28	59·2	+ 5·7	55	7	89	+ 1	1·3	0·02	− 0·25	0	− 0·6	0·02	30
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·29	0	− 0·8	0	...
Narayanganj ...	30·033	+ ·039	N 11 W	1·7	61·8	59·6	80·8	+ 3·2	85	26, 27	57·2	+ 1·7	54	1, 2, 8	88	+ 2	1·0	0·03	− 0·27	0	− 0·9	0·03	27
Mymensingh ...	30·021	+ ·058	Calm	1·0	58·7	57·4	78·7	+ 2·9	82	26,28,29	55·2	+ 1·5	52	4, 18	91	+ 2	0·3	0·03	− 0·30	0	− 0·9	0·03	27
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·45	0	− 0·9	0	...
Barisal ...	30·045	+ ·046	N 45 W	2·0	62·7	60·7	80·5	+ 2·9	86	27	57·3	+ 2·3	52	14	89	+ 3	1·0	0	− 0·41	0	− 0·7	0	...
Khulna ...	30·059	...	N 40 W	1·8	63·4	61·2	81·3	...	86	23	57·2	...	52	1	89	...	1·6	0·07	...	0	...	0·07	27
Jessore ...	30·061	+ ·061	N 45 E	1·4	62·3	60·4	79·4	+ 2·2	83	26	51·9	− 1·3	47	1, 2	88	+ 4	1·1	0	− 0·36	0	− 0·9	0	...
Satkhira ...	30·059	...	N 34 E	1·1	60·0	58·8	82·1	...	87	27	55·1	...	49	1	94	...	2·0	0	...	0	...	0	...
Calcutta ...	30·057	+ ·046	N 56 W	1·9	61·6	60·1	80·9	+ 3·4	86	27	58·9	+ 3·3	51	1	91	+ 6	1·5	0	− 0·34	0	− 0·7	0	...
Saugor Island ...	30·058	+ ·044	N 13 E	6·4	67·8	65·6	78·7	+ 1·7	82	8, 30	61·9	+ 3·1	53	1	89	− 1	3·0	0	− 0·30	0	− 0·9	0	...
Sandheads[1] ...	30·041	+ ·021	N 45 W	...	75·2	69·6	...	...	...	...	...	...	...	...	75	+ 2	0·5	0	− 0·20	0	− 0·7	0	...
Midnapore ...	29·934	+ ·057	N 6 E	1·2	61·1	57·6	83·8	+ 3·6	93	27	56·6	+ 0·6	48	1	80	+ 9	1·6	0	− 0·46	0	− 0·9	0	...
Burdwan ...	29·975	+ ·040	N 24 W	·8	59·2	56·6	82·4	+ 3·7	87	22, 26	55·1	+ 0·1	50	1	85	+ 9	0·3	0	− 0·35	0	− 0·3	0	...
*Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·44	0	− 0·9	0	...
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·51	0	− 1·2	0	...
Asansol ...	29·648	...	N 76 W	2·9	59·3	54·2	80·9	+ 2·8	84	25	54·1	+ 0·2	47	1	70	− 5	0·2	0	− 0·50	0	− 1·2	0	...
Berhampore ...	30·023	+ ·053	N 45 E	1·1	60·6	57·9	81·7	+ 5·3	86	22,26,27	53·5	− 0·2	50	1, 2	85	− 1	0·3	0	− 0·35	0	− 0·9	0	...
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·35	0	− 0·8	0	...
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·32	0	− 0·7	0	...
Bogra ...	30·021	+ ·058	N 63 E	1·3	58·6	56·7	78·5	+ 2·8	83	22	53·5	+ 1·2	51	7, 8, 18	88	+ 3	0·6	0	− 0·38	0	− 0·9	0	...
*Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·55	0	− 0·9	0	...
Dinajpur ...	29·955	+ ·046	N 41 E	1·3	57·6	55·5	78·2	+ 2·7	81	28	51·4	+ 2·0	47	6, 18	87	− 2	0·8	0	− 0·32	0	− 0·8	0	...
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·34	0	− 0·9	0	...
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·19	0	− 0·5	0	...
Jalpaiguri ...	29·818	+ ·067	N 27 W	1·2	57·6	56·1	77·9	+ 4·3	81	10, 28	52·9	+ 1·7	50	27	91	0	1·7	0	− 0·30	0	− 0·7	0	...

* Reports only rainfall. 1—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore ...	30·027	+ ·059	N 27 W	3·0	64·8	60·3	83·6	+ 2·7	90	27	58·0	+ 1·9	52	1	75	5	0·8	0	− 0·51	0	1·0	0	...
Chandbali ...	30·070	...	N 33 W	2·9	64·1	61·7	84·0	...	90	27	59·5	...	54	1	86	...	0·9	0	...	0	...	0	...
Puri ...	30·014	+ ·042	N 9 W	6·0	68·1	64·2	80·6	+ 0·3	84	5, 24	64·5	+ 1·0	60	2	79	− 4	0·8	0	− 0·30	0	0·5	0	...
Cuttack ...	29·938	+ ·056	W	1·1	62·6	60·3	86·0	+ 2·7	91	27	59·5	− 0·6	56	1, 2	86	+ 5	0·9	0	− 0·27	0	0·6	0	...
Angul ...	29·618	+ ·054	N 67 W	3·0	60·5	56·7	83·6	+ 1·8	89	23	55·7	+ 0·1	51	1, 2	77	+ 1	1·0	0	− 0·46	0	0·9	0	...
Sambalpur ...	29·595	+ ·055	N 9 E	1·1	60·7	56·6	84·1	+ 2·4	88	26, 27	52·8	− 2·3	48	1	77	+ 3	0·6	0	− 0·41	0	0·8	0	...
Chota Nagpur																							
Jamshedpur ...	29·639	...	N 74 W	1·1	56·7	54·1	83·0	...	90	27	51·7	...	43	1	84	...	0·6	0	...	0	...	0	...
Chaibasa ✓ ...	29·323	+ ·052	S 43 W	2·2	59·9	56·2	81·7	+ 2·6	87	26, 27	52·6	+ 0·6	47	1	79	− 3	0·8	0	− 0·64	0	1·3	0	...
Ranchi ✓ ...	27·875	+ ·060	S 81 W	2·9	60·1	52·4	76·4	+ 2·6	81	22, 23	51·1	− 0·1	48	4 days	58	− 7	0·3	0	− 0·79	0	1·5	0	...
*Hazaribagh ✓ ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·72	0	1·6	0	...
Daltonganj ...	29·348	+ ·052	N 82 E	2·3	55·7	52·1	79·5	+ 3·3	85	22	49·5	+ 2·2	41	1	77	− 7	0·3	0	− 0·86	0	1·8	0	...
Bihar																							
Purnea ...	29·966	+ ·052	N 56 E	1·1	54·1	53·2	76·1	+ 1·9	79	11, 23	49·5	+ 1·4	44	1	93	+ 2	0·1	0	− 0·39	0	0·7	0	...
Darbhanga ...	29·911	+ ·042	N 81 E	1·6	58·8	56·6	76·8	+ 3·7	84	7	50·1	− 0·6	45	1	88	+ 1	0·5	0	− 0·46	0	1·0	0	...
*Muzaffarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·52	0	1·1	0	...
Motihari ...	29·864	...	N 50 E	1·7	54·2	53·0	76·4	...	79	28, 31	48·8	...	45	1, 18	93	...	0·2	0	− 0·48	0	− 1·1	0	...
*Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·55	0	1·2	0	...
Patna ...	29·899	+ ·040	S 8 W	2·3	58·7	55·0	77·8	+ 5·1	82	27	52·9	+ 2·0	48	1	79	+ 2	0·7	0	− 0·53	0	1·1	0	...
*Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·63	0	1·2	0	...
*Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·58	0	1·4	0	...
Gaya ...	29·705	+ ·042	S 3 E	3·0	60·8	53·9	81·0	+ 5·5	84	3, 26	53·1	+ 1·5	47	1	61	− 13	0·3	0	− 0·62	0	1·3	0	...
Naya Dumka ...	29·584	+ ·054	N 27 W	1·4	60·2	54·8	79·8	+ 4·0	84	22	50·9	− 0·2	45	1	68	− 6	0·5	0	− 0·53	0	1·1	0	...
Sabour ...	29·986	...	S 9 E	2·6	52·1	51·6	77·0	...	80	22	46·3	...	40	1	97	...	1·3	0	− 0·48	0	1·0	0	...
United Provinces, East																							
Gorakhpur ...	29·799	+ ·034	N 87 E	1·2	54·1	52·9	76·5	+ 3·7	80	7	48·9	+ 0·2	41	1	93	+ 10	1·0	0	− 0·67	0	1·3	0	...
Benares ...	29·823	+ ·036	S 35 E	3·3	55·1	52·5	79·3	+ 5·0	83	26	50·1	+ 2·2	45	1	84	+ 1	0·5	0	− 0·67	0	1·5	0	...
Allahabad ...	29·764	+ ·036	S 20 W	3·0	55·0	52·0	80·4	+ 6·0	84	22	49·3	+ 1·3	43	1	80	+ 2	1·1	0	− 0·76	0	1·6	0	...
Fatehpur ...	29·706	...	S 27 E	1·7	60·5	54·6	80·5	...	86	31	49·3	...	45	18, 19	66	...	1·2	0	...	0	0	0	...
Cawnpore ...	29·647	+ ·034	S 60 W	1·3	54·2	51·6	80·0	+ 6·2	86	31	50·6	+ 3·4	48	4 days	83	+ 4	0·3	0	− 0·51	0	1·5	0	...
Lucknow ...	29·696	+ ·033	S 64 W	1·6	52·6	50·5	78·3	+ 4·6	81	4 days	49·4	+ 2·1	45	1, 15	86	+ 7	0·8	0	− 0·77	0	1·5	0	...
Bahraich ...	29·652	+ ·041	S 39 E	2·8	54·2	51·7	76·4	+ 3·9	80	12	49·2	+ 1·8	43	15	83	− 2	0·2	0	− 0·92	0	1·9	0	...
Gonda ...	29·722	...	N 72 E	2·5	53·9	51·7	77·2	...	80	30, 31	48·7	...	42	17	87	...	0·5	0	...	0	...	0	...
United Provinces, West																							
Jhansi ...	29·241	+ ·031	S 45 W	1·1	59·3	52·5	83·8	+ 7·7	91	20	50·8	− 0·1	46	19	60	− 5	1·7	0	− 0·59	0	1·3	0	...
Agra ...	29·508	+ ·024	N 61 W	3·1	54·2	50·3	79·0	+ 4·8	87	31	47·2	+ 3·4	42	27	74	− 5	1·8	0	− 0·54	0	1·3	0	...
Mainpuri ...	29·544	+ ·035	S 29 W	1·6	54·5	50·7	79·5	+ 7·1	84	16, 11, 31	48·0	+ 1·6	44	15, 17, 19	74	− 3	2·1	0	− 0·63	0	1·5	0	...
Aligarh[3] ...	29·447	...	N 11 E	1·2	56·1	50·2	78·0	...	83	30	48·9	...	43	15, 17	61	...	0·2	0	...	0	...	0	...
Bareilly ...	29·493	+ ·053	N 64 W	1·8	53·3	49·9	76·3	+ 6·0	80	6	49·2	+ 3·0	43	15	77	− 5	1·5	0	− 1·01	0	2·2	0	...
*Meerut ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·28	0	2·4	0	...
Roorkee ...	29·149	+ ·050	N 45 W	2·4	48·7	46·3	73·1	+ 4·3	79	6	44·1	+ 0·2	38	24	81	− 5	3·1	0	− 1·66	0	2·9	0	...
Dehra Dun ...	27·773	+ ·064	N 4 E	1·8	47·5	42·9	71·0	+ 5·0	75	9	43·6	− 1·1	39	1, 2	71	− 7	3·4	0·08	− 2·19	0	3·8	0·05	10
Punjab, East and North																							
Delhi ...	29·364	+ ·044	S 74 W	2·7	49·9	46·7	77·7	...	82	20	43·0	...	37	15	78	...	2·6	0	− 1·04	0	2·1	0	...
Hissar ...	29·344	+ ·036	S 12 W	3·4	51·0	46·1	77·2	+ 6·8	85	31	44·7	+ 2·0	39	16	65	− 10	2·1	0·05	− 0·66	0	1·7	0·05	10
Ambala ...	29·152	+ ·045	N 52 W	3·1	52·5	48·6	74·9	+ 6·2	81	30	46·9	+ 3·6	40	2	73	− 12	2·8	0·98	− 0·51	1	2·1	0·98	10
Ludhiana ...	29·245	+ ·047	N 18 W	2·0	50·8	47·3	72·7	+ 5·9	79	30	45·1	+ 0·7	39	3	75	− 7	2·4	0	− 1·72	0	2·9	0	...
Lahore ...	29·358	+ ·039	S 72 E	1·4	47·2	46·1	70·9	+ 2·4	78	31	43·3	+ 1·8	36	1, 5	92	+ 7	3·3	1·34	+ 0·29	2	0·1	0·97	10
Sialkot[2] ...	29·229	+ ·043	S 86 E	1·4	47·2	45·8	70·8	+ 4·8	76	7, 8, 26	43·2	+ 0·5	35	4, 5	89	+ 6	3·5	3·04	+ 0·93	2	1·0	2·73	10
Rawalpindi ...	28·363	+ ·037	S 23 E	3·0	44·3	41·1	69·4	+ 6·7	75	30	39·8	+ 1·7	32	5	76	− 6	4·2	1·92	− 0·57	3	0·7	1·30	10

* Reports only rainfall. 2—Mean of 29 days. 3—Mean of 28 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	29·464	+ ·031	S 7 E	3·1	49·6	45·2	73·0	+ 4·9	79	27,28,30	[2]44·3	+ 2·8	33	1	68	0	2·9	0·82	+ 0·05	2	+ 0·4	0·57	10
Lyallpur ...	29·479	+ ·019	S 23 E	1·9	49·6	46·3	71·6	+ 2·8	78	31	43·6	+ 4·2	34	1	75	− 9	3·8	0·30	− 0·08	1	+ 0·3	0·24	10
Montgomery ...	29·514	+ ·033	S 88 E	2·0	50·2	47·1	72·2	+ 3·4	81	31	45·1	+ 3·1	38	3	78	+ 6	3·0	0·19	− 0·37	1	− 0·6	0·10	10
Multan ...	29·650	+ ·019	N 15 E	1·8	52·9	47·2	74·0	+ 4·1	81	27, 31	46·9	+ 2·9	38	1	63	− 8	3·3	0·28	− 0·14	2	+ 0·8	0·17	10
Bahawalpur ...	29·709	...	N 61 E	2·4	49·6	46·6	75·2	...	87	25	44·9	...	36	1	78	...	2·4	0·44	...	1	...	0·44	10
Khanpur ...	29·802	...	N 15 E	4·2	48·0	44·5	77·1	...	88	25	43·9	...	35	1	74	...	1·9	0·17	...	1	...	0·12	9
Kashmir																							
Srinagar ...	25·073	+ ·098	N 31 W	2·1	29·9	29·2	41·9	+ 1·1	55	8	26·7	− 0·3	18	16	95	+ 4	8·4	5·52	+ 2·76	5	− 0·9	3·81	10
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·45	+ 2·87	9	− 2·2	2·49	10
Dras ...	26·892	+ ·117	Calm	1·8	4·3	2·9	[3]16·8	− 1·2	31	10	−7·2	+ 4·2	−27	14, 16	73	− 14	6·9	3·21	− 0·42	2	− 6·5	2·05	10
Leh ...	19·728	+ ·088	N 26 E	1·9	16·2	14·2	29·9	− 0·4	34	31	−11·2	+ 3·0	1	1	75	+ 18	7·2	0·25	− 0·11	1	0	0·12	20
Skardu ...	23·097	+ ·141	Calm	0	19·5	16·9	32·9	− 0·9	46	8	15·1	− 0·8	− 3	11	69	− 22	8·3	1·76	− 0·84	5	+ 2·4	0·88	10
Gilgit ...	25·268	·010	Calm	1·0	33·6	34·3	50·2	− 3·8	57	29	35·9	+ 3·9	21	2	62	− 4	8·2	0·05	− 0·20	0	− 0·8	0·03	9
North-West Frontier Province																							
Peshawar[1] ...	28·915	+ ·026	S 13 W	2·0	46·3	42·8	69·4	+ 6·0	76	30	43·0	+ 2·2	32	1	73	+ 6	5·7	2·76	+ 1·20	2	− 1·0	2·01	10
Miranshah[1] ...	27·043	...	W	1·3	43·2	39·2	62·6	...	66	5 days	36·7	...	30	29	68	...	1·3	0·30	...	2	...	0·13	8
Dera Ismail Khan ...	29·517	+ ·011	N 27 W	1·5	47·7	44·3	71·3	− 2·7	78	31	42·9	− 2·4	31	1	74	+ 2	3·3	0·96	− 0·47	1	− 0·4	0·93	10
†Baluchistan																							
Fort Sandeman ...	25·509	− ·027	N 67 W	1·8	38·3	32·7	62·2	− 1·7	76	30	34·1	− 2·8	23	1, 2	54	− 13	2·6	0·14	− 0·39	0	− 2·0	0·09	10
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·33	− 0·21	1	− 0·7	0·27	10
Quetta ...	24·790	+ ·053	S 44 E	4·3	34·2	29·3	58·0	− 7·9	75	31	29·8	− 3·6	13	1	56	− 13	5·3	0·41	− 1·52	2	− 2·7	0·17	9
Chaman ...	25·812	+ ·067	S 53 E	3·8	43·7	38·5	59·0	− 5·2	76	31	39·9	− 4·9	26	1	63	− 7	4·1	2·17	− 0·16	1	0·1	0·20	3
Kalat ...	23·795	+ ·025	S 17 W	5·0	31·4	29·7	57·8	− 7·0	71	31	23·2	− 0·4	8	1	86	+ 13	4·0	0·49	− 0·72	2	− 1·5	0·37	8
Dalbandin ...	27·237	+ ·010	S 45 W	1·7	42·3	40·0	65·5	− 0·8	83	31	37·7	− 2·2	20	1	80	− 8	2·1	1·01	− 0·16	2	+ 0·2	0·82	8
Las Bela ...	29·815	...	N 15 W	1·2	58·3	52·8	83·9	...	94	24	47·3	...	37	3, 12	66	...	3·7	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·899	+ ·016	S 19 E	2·2	51·3	45·8	77·7	− 4·5	87	25	45·7	− 2·0	35	2, 3	62	− 4	2·2	0·08	− 0·18	0	− 0·7	0·08	10
Sukkur ...	29·894	...	N 45 E	1·4	53·2	48·2	78·3	...	88	25	47·7	...	37	1	67	...	1·6	0	...	0	...	0	...
Chor ...	30·076	...	N 37 E	4·0	55·9	49·5	85·4	...	96	27	46·3	...	39	14	59	...	2·5	0	...	0	...	0	...
Hyderabad ...	30·016	+ ·047	N 15 W	4·2	59·8	51·9	[1]80·5	+ 4·3	93	28, 31	[1]52·5	− 1·7	41	12	54	− 7	4·1	0	− 0·20	0	− 0·6	0	...
Karachi ...	30·079	+ ·023	N 36 E	5·4	63·0	58·7	76·3	− 0·2	85	27	60·0	− 1·9	53	4 days	75	+ 14	3·1	0·21	− 0·31	1	− 0·1	0·21	✓ 9
Badin ...	30·039	...	N 2 W	3·5	57·3	52·7	82·8	...	93	28	51·9	...	43	2	72	...	2·5	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	29·306	+ ·050	S 44 E	3·3	53·4	46·2	77·6	− 5·6	88	31	50·2	+ 2·3	43	11,12,14	54	− 2	1·9	0	− 0·34	0	− 1·0	0	...
Jodhpur ...	29·273	+ ·030	N 40 E	3·5	59·4	49·7	83·5	+ 6·6	91	31	53·9	+ 3·4	48	17	46	0	2·5	0	− 0·14	0	− 0·4	0	...
Barmer ...	29·400	...	N 48 W	4·1	59·4	52·0	81·6	...	91	25	52·9	...	47	18	57	...	2·8	0	...	0	...	0	...
Rajputana, East																							
Jaipur ...	28·632	+ ·056	N 59 E	2·1	60·6	51·6	81·5	+ 7·0	89	31	52·4	+ 4·2	45	17	52	− 8	1·4	0	− 0·47	0	− 1·1	0	...
Ajmer ...	28·445	+ ·048	Calm	2·1	56·4	49·3	79·8	− 6·5	87	30, 31	49·0	− 3·0	42	17	58	− 13	2·3	0	− 0·36	0	− 1·1	0	...
Kotah ...	29·223	+ ·031	N 74 W	1·3	61·6	51·1	84·9	+ 7·6	91	31	55·7	+ 3·9	51	2, 27	58	0	2·1	0	− 0·27	0	− 0·6	0	...
Jhalrapatan ...	29·005	...	N 67 E	1·2	58·5	51·7	84·3	...	91	31	51·1	...	46	18	59	...	1·0	0	...	0	...	0	...
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·11	0	− 0·2	0	...
Gujarat																							
Deesa ...	29·585	+ ·040	N 67 E	5·5	63·8	52·1	89·8	+ 6·3	96	31	52·8	+ 1·4	48	15	40	− 8	1·5	0	− 0·11	0	− 0·3	0	...
Bhuj ...	29·714	+ ·033	N	1·9	62·5	53·5	84·8	+ 5·1	94	28, 31	55·4	+ 1·6	50	1	51	− 9	0·8	0	− 0·08	0	− 0·2	0	✓
Dwarka ...	30·039	+ ·036	N 27 E	7·5	67·4	61·7	[3]80·6	+ 2·3	89	24	62·0	+ 2·0	59	6, 18	72	+ 2	2·0	0	− 0·08	0	− 0·2	0	...
Rajkot ...	29·608	+ ·035	N 57 E	2·9	61·3	51·2	88·9	+ 5·3	97	25, 28	54·2	+ 3·1	49	17	45	− 7	2·5	0	− 0·04	0	− 0·2	0	...
Veraval ...	30·038	+ ·051	N 37 E	4·3	68·9	58·1	84·8	+ 3·2	92	29	62·1	+ 2·3	57	6	47	− 7	1·3	0	− 0·03	0	− 0·1	0	...
Surat ...	30·016	+ ·052	N 83 E	2·3	66·0	59·2	93·6	+ 6·9	100	29,30,31	60·6	+ 3·1	57	17, 18	64	0	2·4	0	− 0·14	0	− 0·2	0	...
Bhavnagar ...	30·015	+ ·047	N 18 W	2·4	64·1	53·9	87·5	+ 3·4	93	31	57·4	+ 2·6	52	17, 18	48	− 6	1·7	0	− 0·13	0	− 0·1	0	...
Ahmadabad ...	29·902	+ ·041	N 71 E	2·8	68·4	57·5	89·8	+ 5·0	95	30, 31	60·8	+ 3·1	55	16	47	0	1·1	0	− 0·02	0	− 0·1	0	...
Dohad ...	30·048	...	S 38 E	2·7	57·7	54·1	88·2	...	93	30, 31	53·0	...	49	1	78	...	1·4	0	...	0	...	0	...

* Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time).
1—Mean of 30 days. 2—Mean of 29 days. 3—Mean of 28 days.

STATION.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	28·423	+ ·048	N 57 E	3·4	62·6	53·0	83·0	+ 5·5	90	31	51·7	+ 2·9	46	17	50	− 7	0·8	0	− 0·21	0	− 0·4	0	...
Indore ...	28·214	+ ·053	S 42 E	1·4	62·4	54·9	82·5	+ 2·9	89	31	51·8	+ 1·7	48	4 days	60	0	1·0	0	− 0·28	0	− 0·5	0	...
Bhopal ...	28·412	...	S 56 W	1·8	64·3	56·1	83·7	...	90	31	52·8	...	48	18	59	...	1·0	0	...	0	...	0	...
Guna ...	28·481	...	S 66 E	1·8	56·9	51·9	83·0	...	89	31	49·1	...	42	16	69	...	1·2	0	...	0	...	0	...
Central India, East																							
Nowgong ...	29·309	+ ·040	S 74 W	1·1	53·4	51·2	83·5	+ 9·2	88	21, 26	47·9	+ 0·8	43	18	86	+ 10	1·7	0	− 0·63	0	− 1·5	0	...
Sutna ...	29·001	+ ·039	S 45 W	2·2	56·9	50·7	83·2	+ 8·4	88	26	48·2	+ 0·1	43	19	63	− 9	1·1	0	− 0·88	0	− 1·8	0	...
Umaria ...	29·545	...	S 72 E	...	56·2	51·5	81·4	...	86	26	48·0	...	44	19, 28	71	...	0·2	0	...	0	...	0	...
Berar																							
Akola ...	29·133	+ ·065	N 66 E	2·7	61·5	53·7	87·7	+ 1·9	93	26, 31	53·8	0·4	51	20,28,29	56	+ 3	0	0	− 0·35	0	− 0·7	0	...
Amraoti ...	28·831	+ ·063	N 57 E	3·0	66·8	56·5	85·8	+ 1·0	91	31	60·0	− 1·4	55	4, 5	48	− 3	1·3	0	− 0·43	0	− 0·7	0	...
Central Provinces, West																							
Khandwa ...	29·008	+ ·060	S 53 E	2·8	62·9	53·5	88·9	+ 4·4	96	31	53·0	+ 0·5	49	19	49	− 7	0·3	0	0·32	0	0·5	0	...
Hoshangabad ...	29·077	+ ·058	N 69 E	3·0	61·6	55·8	84·4	+ 4·4	90	31	55·3	+ 4·1	53	7 days	66	0	1·1	0	− 0·36	0	− 0·9	0	...
Saugor ...	28·232	+ ·051	S 8 E	2·4	64·7	53·6	81·9	+ 5·0	86	26, 31	56·9	+ 4·5	53	27	46	− 8	1·1	0	− 0·59	0	− 1·2	0	...
Jubbulpore ...	28·731	+ ·071	S 16 E	1·5	56·7	52·0	83·0	+ 5·5	87	26, 31	50·3	+ 1·7	46	28	72	− 2	0·5	0	− 0·80	0	− 1·5	0	...
Seoni ...	28·011	+ ·058	S 65 E	2·0	62·9	55·1	81·9	+ 3·0	88	31	52·9	+ 1·4	49	19	58	− 5	0·7	0	− 0·58	0	− 1·2	0	...
Nagpur ...	29·042	+ ·066	N 5 E	2·0	62·0	54·3	86·0	+ 2·5	92	27, 31	54·9	− 0·7	53	4 days	58	− 2	1·2	0	− 0·42	0	− 0·8	0	...
Central Provinces, East																							
Pendra ...	27·998	+ ·044	S 68 W	2·7	60·8	54·0	78·0	+ 1·9	82	22, 31	52·7	+ 1·4	47	28	62	− 2	0·7	0	− 0·85	0	− 1·6	0	...
Raipur ...	29·085	+ ·060	S 74 E	2·7	63·2	56·1	84·1	+ 2·7	90	27	55·3	− 0·2	50	1	62	− 3	0	0	− 0·29	0	0·7	0	...
Kanker ...	28·742	...	W	2·9	59·7	55·9	83·0	...	88	26	43·9	...	46	12, 20	76	...	1·3	0	...	0	...	0	...
Chanda ...	29·433	+ ·067	N	2·9	62·3	58·5	84·6	− 0·8	91	27	52·7	2·2	49	13	7[illegible]	8	0·2	0	− 0·25	0	− 0·4	0	...
Jagdalpur ...	28·216	+ ·036	Calm	1·0	57·8	55·3	82·4	+ 1·4	88	27, 31	49·5	− 2·6	47	13	85	+ 3	0·1	0	− 0·47	0	0·8	0	...
Konkan																							
Bombay ...	29·995	+ ·050	N 84 E	5·9	72·5	67·6	88·2	+ 5·3	93	24, 27	69·2	+ 2·5	67	1, 5	76	+ 3	1·4	0	− 0·10	0	− 0·2	0	...
Ratnagiri ...	29·810	+ ·058	S 89 E	6·1	77·9	62·9	90·1	+ 2·9	95	29, 31	68·2	+ 1·5	64	2	39	− 22	0·1	0	− 0·10	0	− 0·2	0	...
Marmagao ...	29·820	+ ·070	S 86 E	6·0	73·8	64·5	87·6	...	93	27	69·7	...	67	4 days	57	...	1·6	0	− 0·02	0	0	0	...
Karwar ...	29·974	+ ·061	N 48 E	2·4	67·2	62·2	89·9	+ 3·3	95	24, 26	64·5	− 1·3	60	1	71	− 7	1·7	0	− 0·05	0	− 0·1	0	...
Bombay Deccan																							
Malegaon ...	28·620	+ ·069	S 75 W	1·4	61·6	52·6	87·9	+ 1·9	95	31	51·5	− 0·8	50	8 days	52	0	3·2	0	− 0·16	0	− 0·3	0	...
Ahmadnagar ...	27·892	+ ·061	S 24 W	3·0	62·9	53·1	84·5	+ 0·2	90	31	50·7	− 2·1	47	3	48	− 7	1·3	0	− 0·26	0	− 0·4	0	...
Poona ...	28·210	+ ·070	N 37 E	2·9	60·7	53·8	86·5	+ 0·4	92	31	50·5	− 2·8	48	3, 12	62	− 1	1·4	0	− 0·06	0	− 0·2	0	...
Sholapur ...	28·480	+ ·080	S 59 E	4·3	67·9	57·1	86·0	0	91	31	56·2	− 2·9	54	5, 8	48	0	0·8	0	− 0·15	0	− 0·3	0	...
Miraj ...	28·229	...	S 78 E	5·2	66·5	56·8	84·5	...	90	27	56·1	...	51	1	53	...	1·1	0	...	0	...	0	...
Bijapur ...	28·091	+ ·072	S 19 E	2·9	67·2	58·1	83·7	− 2·3	89	28,29,31	57·7	− 2·4	55	4 days	56	− 6	1·0	0	− 0·08	0	− 0·1	0	...
Belgaum ...	27·468	+ ·062	N 80 E	3·4	61·6	56·1	82·9	− 0·6	89	29, 31	58·0	+ 0·2	53	1	57	− 3	1·0	0	− 0·13	0	− 0·2	0	...
Gadag ...	27·901	...	E	2·9	68·9	59·5	84·5	...	90	29, 31	58·9	...	55	6, 8	55	...	0·2	0	...	0	...	0	...
Hyderabad, North																							
Aurangabad ...	28·152	+ ·059	N 82 E	3·6	64·2	54·0	85·0	+ 0·3	90	27,30,31	55·6	− 0·4	51	28	49	+ 1	0·6	0	− 0·33	0	− 0·5	0	...
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·42	0	− 0·6	0	...
Nizamabad ...	28·816	+ ·093	S 42 E	1·2	63·5	58·1	87·1	+ 1·3	93	27	55·3	1·1	51	14	70	+ 6	0·9	0	− 0·14	0	− 0·4	0	...
Hyderabad, South																							
Gulbarga ...	28·557	+ ·085	N 88 E	5·2	68·1	58·1	85·6	− 1·6	91	31	56·8	− 3·0	54	5	52	− 6	1·5	0	− 0·20	0	− 0·3	0	...
Raichur ...	28·751	+ ·095	S 53 E	5·6	71·7	65·4	85·9	− 0·8	91	28	63·6	− 0·9	60	6	69	+ 5	0·9	0	− 0·10	0	− 0·2	0	...
Hyderabad ...	28·340	+ ·082	S 63 E	3·1	65·0	58·7	82·9	− 1·3	91	28	55·9	− 4·0	53	2	67	− 6	0·8	0	− 0·24	0	− 0·4	0	...
Hanamkonda ...	29·193	+ ·079	S 9 E	2·7	67·4	61·8	85·9	+ 1·2	91	27	60·6	− 0·7	59	4, 7, 11	72	+ 8	1·0	0	− 0·32	0	− 0·5	0	...
Mysore																							
Chitaldrug ...	27·623	+ ·067	S 69 E	6·0	67·5	59·4	83·5	− 0·9	89	29, 31	60·6	− 1·4	55	1	61	− 1	0·9	0	− 0·27	0	− 0·3	0	...
Bangalore ...	27·017	+ ·050	N 74 E	5·9	63·5	57·7	81·1	+ 0·3	86	28,29,31	55·9	− 1·6	52	20	68	− 11	2·9	0	− 0·26	0	− 0·5	0	...
Mysore ...	27·499	+ ·043	N 49 E	7·5	63·2	58·7	81·9	− 2·1	88	29	58·1	− 2·1	55	26, 27	76	+ 4	0·8	0	− 0·13	0	− 0·3	0	...
Malabar																							
Mangalore ...	29·923	+ ·054	N 86 E	5·5	73·7	65·1	90·1	+ 0·9	95	24	67·5	− 2·4	64	28	61	− 5	1·1	0	− 0·06	0	− 0·1	0	...
Calicut ...	29·963	+ ·055	E	3·0	73·1	66·0	87·1	− 0·1	90	5 days	67·6	− 2·9	65	26,28,29	67	− 12	1·1	0	− 0·40	0	− 0·5	0	...
Cochin ...	29·970	+ ·051	N 62 E	3·3	76·5	67·2	87·8	− 1·6	92	26	70·9	− 1·0	67	29	59	− 13	0·6	0	− 0·69	0	− 0·9	0	...
Trivandrum ...	29·734	+ ·024	N 51 E	3·1	75·4	69·9	86·1	+ 2·1	88	24	72·1	− 0·2	68	31	75	− 2	1·1	0	− 0·74	0	− 1·5	0	...

* Reports only rainfall. 1—Mean of 30 days. 2—Mean of 29 days. 5—Mean of 26 days. 6—Mean of 25 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·50	0	− 2·3	0	...
Pamban ...	29·979	+ ·064	N 3 W	13·6	77·6	72·7	82·0	− 0·7	83	6 days	74·6	+ 0·3	71	18	78	− 7	4·7	0·17	− 1·96	1	− 2·2	0·10	12
Madura ...	29·547	+ ·047	N 16 E	5·3	72·5	66·5	86·1	− 1·3	89	29, 31	69·1	0	63	31	72	− 4	4·1	0	− 0·60	0	− 1·2	0	...
Negapatam ...	29·996	+ ·067	N 4 E	12·1	75·7	70·4	81·8	− 0·7	83	5 days	72·7	+ 1·3	67	28,30,31	75	− 6	5·5	0·13	− 1·56	0	− 2·4	0·09	6
Trichinopoly ...	29·784	+ ·064	N 4 E	3·9	73·7	68·3	85·4	− 2·1	88	29,30,31	67·5	− 0·2	61	17, 31	74	− 4	2·5	0·07	− 0·61	0	− 1·2	0·05	13
Coimbatore ...	28·674	+ ·053	N 39 E	3·0	69·7	63·8	83·0	− 3·4	87	29	63·1	− 1·2	57	28	70	− 12	2·8	0	− 0·59	0	− 1·0	0	...
Salem ...	29·105	+ ·055	N 41 E	5·9	70·2	63·5	85·1	− 3·2	89	29	63·3	− 1·2	57	28	68	− 9	1·6	0	− 0·31	0	− 0·5	0	...
Cuddalore ...	30·008	+ ·070	N 17 W	5·4	72·6	69·4	81·6	− 1·5	83	3, 10, 13	68·4	+ 0·1	65	4 days	85	− 2	4·8	0·64	− 0·92	1	− 0·9	0·64	13
Vellore ...	29·333	+ ·050	N 32 W	3·0	66·3	63·5	82·4	− 1·8	86	29	61·2	− 3·0	55	28	84	− 2	3·8	0	− 1·49	0	− 2·0	0	...
Madras ...	30·025	+ ·058	N 12 W	8·1	73·3	69·3	83·4	− 1·1	85	23, 24	67·6	− 0·2	64	28, 31	81	− 3	3·5	0	− 1·39	0	− 1·7	0	...
Madras, Deccan																							
Cuddapah ...	29·641	+ ·085	N 27 W	5·4	70·5	64·9	86·0	− 2·4	91	29	62·6	− 2·6	56	27	73	− 2	2·2	0	− 0·43	0	− 0·6	0	...
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·12	0	− 0·3	0	...
Bellary ...	28·566	+ ·075	S 57 E	3·2	68·5	60·7	85·1	− 3·0	91	31	60·4	− 1·4	57	2	62	− 3	1·2	0	− 0·11	0	− 0·2	0	...
Kurnool ...	29·134	+ ·084	N 74 E	3·1	66·1	60·4	86·7	− 1·6	93	28	59·1	− 1·4	56	1, 6, 12	71	0	1·1	0	− 0·18	0	− 0·4	0	...
Madras Coast, North																							
Nellore ...	29·997	+ ·070	N 50 W	3·0	70·5	67·9	84·5	− 0·8	87	28, 29	66·3	− 0·8	64	24, 27	87	0	2·4	0	− 1·68	0	− 1·5	0	...
Masulipatam ...	30·073	+ ·068	N 9 E	3·6	71·1	67·7	81·5	− 1·9	85	24, 28	64·3	− 1·5	62	4, 11	83	− 3	0·7	0	− 0·23	0	− 0·4	0	...
Cocanada ...	30·060	+ ·069	N 4 E	4·9	70·4	64·8	81·7	+ 0·4	87	29	64·2	− 1·9	61	9	73	− 4	1·4	0	− 0·19	0	− 0·4	0	...
Vizagapatam ...	29·949	+ ·061	N 41 W	3·0	67·6	63·9	80·8	0	82	6 days	63·9	− 4·0	60	4	82	+ 10	1·4	0	− 0·46	0	− 0·5	0	...
Calingapatam ...	30·072	+ ·061	N 67 W	5·1	66·5	63·6	82·9	+ 0·7	89	28, 31	62·3	− 0·5	60	5 days	84	+ 1	0·8	0	− 0·26	0	− 0·8	0	...
Gopalpur ...	30·055	+ ·070	N 25 W	5·7	67·2	62·4	82·2	+ 1·9	86	24	61·7	− 0·6	57	3	74	− 5	1·2	0	− 0·23	0	− 0·5	0	...
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·540	+ ·071	Calm	1·0	47·4	46·3	71·4	+ 1·1	76	26, 27	40·6	+ 0·5	37	28	93	+ 2	1·3	0	− 0·09	0	− 0·4	0	...
Haka ...	24·160	...	S 7 E	...	42·7	36·5	62·1	...	66	4 days	39·2	...	34	9	57	...	0	0	...	0	...	0	...
Kanpetlet ...	23·991	...	S 48 E	...	50·6	44·6	58·3	...	66	23	41·4	...	28	8	63	...	3·5	0	...	0	...	0	...
Shillong ...	25·216	+ ·056	S 31 W	1·5	48·5	45·2	59·7	− 0·9	66	11	39·2	0	37	7 days	76	+ 3	1·5	0·17	− 0·16	0	− 0·8	0·06	16
Cherrapunji ...	25·787	+ ·067	N 63 E	4·1	54·0	48·6	69·5	+ 0·2	65	28	46·7	+ 0·8	44	4 days	67	− 5	1·4	0·34	− 0·11	2	+ 0·9	0·16	22, 30
Darjiling ...	22·980	+ ·048	S 79 E	2·2	43·4	39·2	47·1	− 0·2	54	28	36·5	+ 1·4	33	25	71	− 10	3·9	0·33	− 0·22	2	+ 0·7	0·11	26
Kalimpong ...	26·105	...	N 52 W	6·0	51·1	48·3	60·5	...	67	10	47·4	...	44	22, 24	80	...	2·8	0·10	...	0	...	0·05	14
Mukteswar ...	22·885	+ ·064	N 83 W	7·7	43·8	30·6	53·4	+ 2·7	57	4, 5, 12	40·4	+ 4·7	36	2	38	− 15	2·2	0	− 2·18	0	− 3·7	0	...
Mussooree ...	23·446	+ ·110	N 28 W	4·7	45·6	37·5	53·6	+ 5·3	60	9	41·7	+ 4·4	38	2, 13, 24	46	− 15	3·5	0·18	...	1	...	0·13	11
Simla ...	23·167	+ ·083	S 50 E	2·6	46·5	34·8	52·8	+ 5·3	63	31	39·9	+ 4·7	15	10	27	− 20	3·3	0·20	− 2·51	1	− 3·7	0·17	10
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·62	...	1	...	0·62	10
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·24	...	2	...	2·23	11
Murree ...	24·285	...	S 58 E	4·3	40·2	33·7	49·3	+ 2·8	58	15	36·2	+ 1·3	27	11	51	− 9	4·3	2·44	− 1·29	3	− 2·7	1·30	11
Cherat ...	25·830	+ ·072	N 25 W	10·4	47·3	39·7	54·5	+ 4·6	61	23	43·9	+ 5·0	36	10	49	− 5	4·1	3·01	+ 0·50	2	− 1·9	2·34	10
Parachinar ...	24·544	+ ·072	N 6 E	3·2	39·9	34·5	54·7	+ 4·2	62	28	34·7	+ 5·6	30	13	58	− 15	5·2	1·80	− 0·32	3	− 1·5	0·69	8
Drosh ...	...	...	N 45 E	1·9	36·7	33·7	48·0	+ 0·9	57	27	34·6	+ 2·9	31	5 days	73	0	5·3	2·75	+ 1·82	6	− 3·2	1·50	9
Mount Abu ...	26·157	+ ·070	S 72 W	3·3	64·0	49·7	71·4	+ 5·4	79	27	55·2	+ 3·9	49	2	32	− 11	2·6	0	− 0·26	0	− 0·7	0	...
Pachmarhi ...	26·596	+ ·087	S 60 W	1·7	62·5	53·6	75·1	+ 3·3	80	31	47·0	− 0·6	43	18	55	− 8	1·3	0	− 0·66	0	− 1·3	0	...
Mahableshwar ...	25·635	...	E	...	62·3	53·2	74·8	...	80	4 days	57·8	...	51	13	55	...	0·3	0	...	0	...	0	...
Mercara ...	26·265	+ ·040	N 71 E	7·7	58·6	54·8	73·9	− 3·4	79	29	54·9	− 1·8	53	7 days	77	− 2	2·9	0	− 0·15	0	− 0·3	0	...
Kodaikanal ...	22·836	+ ·034	S 74 E	9·7	52·2	42·8	62·1	− 1·4	66	2, 30	43·8	− 1·4	40	2, 9, 14	46	− 8	2·9	0·02	− 2·86	0	− 3·9	0·02	2
Coonoor ...	23·534	...	S 53 E	3·0	56·1	49·0	64·4	...	69	27,28,29	43·4	...	38	4 days	61	...	2·9	0·02	...	0	...	0·02	9
Ceylon																							
Colombo ...	29·927	+ ·041	N 37 E	6·2	74·2	70·5	83·9	+ 1·7	94	26	71·6	− 0·2	69	5 days	83	0	3·3	0	− 3·42	0	− 4·7	0	...
Trincomalee ...	29·865	+ ·033	N 33 E	9·0	77·2	72·6	80·0	− 2·9	81	6 days	75·5	+ 1·2	71	7	80	− 5	5·4	3·11	− 2·64	4	− 3·5	1·46	21
Hambantota ...	29·856	+ ·005	N 44 E	17·1	76·6	71·7	86·1	+ 1·7	90	31	73·0	+ 0·8	69	1, 6	77	− 13	1·9	0	− 3·12	0	− 5·7	0	...
Nuwara Eliya ...	24·108	...	...	...	52·1	50·7	66·2	...	73	2	45·3	...	35	1	91	...	3·2	1·07	...	5	...	0·32	23
Arabia																							
†Aden ...	29·953	+ ·037	N 59 E	6·8	73·3	68·5	82·9	+ 3·0	85	8, 22, 25	71·4	− 1·2	68	26	76	0	6·3	0	− 0·32	0	− 0·8	0	...

* Reports only rainfall.
1—Mean of 30 days.

† Records observations at 7 hrs. (local time).
3—Mean of 28 days.

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MONTHLY WEATHER REPORT

FOR

February 1932

(Supplement to the Indian Daily Weather Report for the 22nd March 1932)

Published by order of the Governor-General in Council

Summary.—Less than the normal amount of precipitation in northwest India and excess of rainfall in Hyderabad, Mysore, the Madras Presidency and Burma.

The western disturbance, which had appeared at the end of the last month and lay as a deep depression over the Punjab on the 1st, weakened during its eastward movement and reached the head of the Bay by the 4th; it persisted there till the 6th and then filled up. This disturbance gave nearly general rain in Kashmir on the 1st and widespread rain in Assam on the 4th and in Upper Burma on the 6th, with local rain in the east and north Punjab on the 1st, in the North-West Frontier Province and in the Kumaon Hills on the former date, in the Punjab Hills on the latter date and in Upper Burma on the 5th and 6th; a few falls also occurred in Bengal, Assam and Burma during the 2nd and 7th.

During the month, six disturbances entered India from the west. The first filled up over west Rajputana after causing a few light falls of rain in east Rajputana and scattered duststorms in lower Sind on the 6th. The second disturbance moved as a low pressure area to east Rajputana and filled up there after giving local rain in Kashmir and the Punjab Hills on the 10th and nearly general rain or snow in the latter division on the 11th. This disturbance was followed by a secondary depression over Baluchistan on the 12th. Moving eastwards, it reached southwest Bengal in the course of the next three days and then filled up. It was responsible for fairly widespread rain or snow in Kashmir and the east and north Punjab on the 13th and nearly general rain in Bihar on the 14th, with local falls of rain or snow in the North-West Frontier Province and Kashmir on the 12th, in the west United Provinces on the 13th and 14th and in Chota Nagpur on the latter date; a few falls also occurred in Baluchistan and the Punjab on the 12th, in the southwest Punjab on the 13th, in the east United Provinces on the 14th, in the Kumaon Hills, Bihar and Bengal on the 15th and in Assam on the 14th, 15th and 16th. The third disturbance appeared over Gujarat on the 18th, moved eastwards to the east Central Provinces and filled up after causing fairly well-distributed general rain from the west Central Provinces and east Central India to Orissa and southwest Bengal on the 19th and in Bengal and Assam on the next day; local thundershowers also occurred in east Central India and the Central Provinces on the 18th. The next western disturbance, which affected weather in northwest India on the 19th and 20th, did not cause any precipitation there. The fifth disturbance gave scattered falls of rain in the North-West Frontier Province and Kashmir on the 26th and in the Punjab Hills on the 26th and 27th and then filled up over the United Provinces. The last western disturbance of the month filled up over the east Punjab on the 1st March after causing nearly general rain in the North-West Frontier Province on the 28th and 29th and local rain in Baluchistan on these two days, in Kashmir on the 29th February and 1st March and in the southwest Punjab on the 29th, with a few falls in and near the Punjab Hills from the 28th February to 1st March.

2. Local rain occurred in Assam on the 10th and scattered falls there on the 11th, 12th, 13th, 20th, 22nd and 23rd, in the Central Provinces from the 21st to 23rd and on the 29th, in Hyderabad on the 21st, 22nd and 23rd, in the Madras Presidency during the last week of the month and in the Deccan between the 25th and 29th.

3. The month's rainfall was in large excess in Burma, Orissa, Hyderabad, Mysore, southeast Madras, the Madras Deccan and the north Madras coast, in moderate excess in the west Central Provinces, in slight excess in Assam, east Central India and Berar and normal in Bengal, Chota Nagpur and Malabar; it was in slight defect in Kashmir and in moderate to large defect elsewhere. Averaged over the plains of India, the month's rainfall was in excess by 7 per cent.

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4. In the rear of the second and the third western disturbances, temperatures fell markedly; on the first occasion low temperatures prevailed in northwest India on the 14th, 15th and 16th and extended to the north Deccan and west Bengal on the last date and on the second occasion temperatures were below normal from east Gujarat and the north Bombay Deccan to Bihar and Orissa from the 19th to 23rd and in Bengal from the 20th to 23rd. The month's mean maximum temperature was above normal in the Punjab, Kashmir, the North-West Frontier Province, Baluchistan, Sind, west Rajputana and east Central India and below it in the Bay Islands, Upper Burma, the Central Provinces, the Bombay Deccan, north Hyderabad, Malabar and the Madras Deccan; the minimum was below normal in Orissa, the west United Provinces, Baluchistan, Central India, Berar, the east Central Provinces and the Bombay Deccan.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was in large defect in the Bay Islands and in large excess in Lower and Upper Burma. Skies were less clouded than usual in the Bay Islands. Humidity was in defect everywhere. Maximum temperature was below normal in the Bay Islands and Upper Burma.

Northeast India, including Orissa.—Rainfall during the month was normal in Bengal and Chota Nagpur, in slight excess in Assam and in large excess in Orissa; it was in moderate defect in Bihar. Humidity was generally in defect. Minimum temperature was below normal in Orissa.

The United Provinces, Central India and the Central Provinces.—The total rainfall of the month was in moderate excess in the west Central Provinces, in slight excess in east Central India and Berar and in moderate to large defect elsewhere. Cloud amount was below normal in the west United Provinces and west Central India. Humidity was in defect in the United Provinces and west Central India. Maximum temperature was above normal in east Central India and below it in the Central Provinces; the minimum was below normal in the west United Provinces, Central India, Berar and the east Central Provinces.

Northwest India.—Rainfall during the month was in slight defect in Kashmir, in moderate defect in the North-West Frontier Province and in large defect elsewhere. Cloud amount was below normal in the Punjab, the North-West Frontier Province, Baluchistan, Sind and west Rajputana. Humidity was in defect except in Sind and Gujarat. Maximum temperature was above normal everywhere except in east Rajputana, Gujarat, and the minimum below it in Baluchistan.

The Peninsula.—The total rainfall of the month was in large defect in the Konkan and the Bombay Deccan, normal in Malabar and in large excess elsewhere. Skies were generally more clouded than usual. Humidity was in excess in north Hyderabad, and in defect in the Madras Deccan. Both the maximum and minimum temperatures were below normal in the Bombay Deccan and the maximum alone in north Hyderabad, Malabar and the Madras Deccan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 7th March 1932.

C. W. B. NORMAND,
Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	0·81	0·35	+0·46	+131	−1·4	−0·5	−5	+0·2
2. Assam ...	1·79	1·60	+0·19	+12	−1·6	−1·3	−3	0
3. Bengal ...	0·89	0·93	−0·04	−4	−0·2	−0·8	−4	+0·3
4. Bihar and Orissa ...	0·95	0·91	+0·04	+4	−0·4	−1·7	−8	0·1
5. United Provinces ...	0·19	0·86	−0·67	−78	+1·6	−1·9	−10	−0·4
6. Punjab ...	0·42	0·98	−0·56	−57	+2·3	0·4	9	+1·4
7. North-West Frontier Province.	0·68	1·00	−0·32	−32	+2·3	−0·9	6	1·1
8. Sind ...	0·01	0·33	−0·32	−97	+2·9	1·2	−1	1·0
Division—*contd.*								
9. Rajputana ...	0·02	0·24	−0·22	−92	+1·6	−0·9	−14	0·6
10. Bombay ...	0	0·10	−0·10	−100	−0·6	0·6	−1	+0·1
11. Central India ...	0·37	0·40	0·03	7	+0·1	−2·5	−5	−0·5
12. Central Provinces ...	0·70	0·72	−0·02	3	2·6	1·9	−1	+0·1
13. Hyderabad ...	1·20	0·30	+0·90	+300	2·1	−1·0	+3	+0·7
14. Mysore ...	1·18	0·16	+1·02	+637	−0·1	+0·5	+2	+0·5
15. Madras ...	0·85	0·43	+0·42	+98	1·6	0·3	−2	0·8
Mean of India ...	0·62	0·58	+0·04	+7	−0·2	−0·9	−5	−0·1
Sub-division								
1. Bay Islands ...	0·08	0·87	−0·79	−91	−2·1	−1·7	−8	−1·3
2. Lower Burma ...	0·95	0·39	+0·56	+111	0·5	+0·1	6	0
3. Upper Burma ...	0·64	0·29	+0·35	+121	−2·7	−1·2	−4	+0·4
4. Assam ...	1·79	1·60	+0·19	+12	1·6	−1·3	−3	0
5. Bengal ...	0·89	0·93	−0·04	−4	−0·2	−0·8	−4	+0·3
6. Orissa ...	1·64	1·07	+0·57	+53	−1·1	2·2	−1	−0·5
7. Chota Nagpur ...	1·31	1·35	−0·04	−1	−1·1	−1·1	10	−0·1
8. Bihar ...	0·50	0·67	−0·17	−25	+0·6	−1·6	−9	+0·2
9. United Provinces, East	0·16	0·68	−0·52	−76	+1·7	1·1	−6	−0·1
10. Do. do. West.	0·21	1·02	−0·81	−79	+1·6	−2·6	−13	−0·6
11. Punjab, East and North	0·59	1·25	−0·66	−53	+2·5	−1·1	−10	−1·4
12. Do. Southwest ...	0·11	0·51	−0·40	−78	+2·2	+0·5	−7	−1·5
13. Kashmir ...	2·29	2·63	−0·34	−13	+3·1	+0·3	−7	−1·1
14. North-West Frontier Province.	0·68	1·00	−0·32	−32	+2·3	−0·9	−6	−1·1
15. Baluchistan ...	0·34	1·15	−0·81	−70	+3·6	−2·6	−10	−1·6
16. Sind ...	0·01	0·33	−0·32	−97	+2·9	+1·2	−1	−1·0
17. Rajputana, West ...	0	0·24	−0·24	−100	+2·7	−0·4	−12	−0·9
Sub-division—*contd.*								
18. Rajputana, East ...	0·04	0·24	−0·20	−83	+1·0	−1·2	−15	−0·4
19. Gujarat ...	0	0·13	−0·13	−100	+0·7	+0·2	−3	0·2
20. Central India, West ...	0	0·19	−0·19	−100	−1·9	−2·2	−7	−0·7
21. Do. do. East ...	0·75	0·61	+0·14	+23	+2·2	−2·9	−3	0·3
22. Berar ...	0·11	0·33	+0·08	+24	−3·9	−2·3	+2	0·1
23. Central Provinces, West.	0·80	0·55	+0·25	+45	−2·2	−1·5	−3	+0·1
24. Do. do. East.	0·67	1·17	−0·50	−43	−2·5	−2·5	+1	0
25. Konkan ...	0	0·06	−0·06	−100	−0·4	+0·4	−1	+0·7
26. Bombay Deccan ...	0	0·08	−0·08	−100	−2·4	−2·0	+1	+0·2
27. Hyderabad, North ...	0·73	0·34	+0·39	+115	−2·8	−0·6	+5	+0·3
28. Do. South ...	1·55	0·27	+1·28	+474	−1·7	−1·1	+1	+0·9
29. Mysore ...	1·18	0·16	+1·02	+637	−0·1	+0·5	+2	+0·5
30. Malabar ...	0·37	0·41	−0·04	−10	−2·9	−0·6	−3	+1·6
31. Madras, Southeast ...	0·92	0·52	+0·40	+77	−1·1	+1·0	−3	+0·8
32. Do. Deccan ...	0·41	0·24	+0·17	+71	−2·1	+0·7	−5	+0·6
33. Do. Coast North...	1·32	0·45	+0·87	+193	−1·2	−0·2	+1	+0·3

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·863	+ ·004	N 22 W	2·0	76·4	70·8	85·5	2·1	89	21	73·3	− 1·7	70	7, 8	75	− 8	2·2	0·08	− 0·79	0	− 1·2	0·08	20
Lower Burma																							
Victoria Point ...	29·766	+ ·002	N 50 E	5·5	78·7	74·8	87·9	− 0·8	91	13	75·1	+ 1·1	73	1, 20	82	+ 5	6·0	0·95	+ 0·82	2	+ 1·7	0·10	20
Mergui ...	29·850	− ·006	S 87 E	..	73·9	72·0	86·7	− 2·8	90	4 days	70·9	− 1·0	64	11	90	+ 5	0·7	4·08	+ 2·06	4	+ 1·3	1·45	21
Tavoy ...	29·919	+ ·002	Calm	2·4	72·2	68·3	93·3	+ 2·2	97	21	65·8	1·8	58	7, 11	80	− 8	2·1	0·23	− 0·21	2	+ 1·2	0·13	17
Amherst ...	29·857	...	S 54 E	6·4	75·5	70·1 [3]	86·8	...	90	16	70·2	...	65	6	75	...	3·1	0·08	...	0	...	0·08	19
Rangoon ...	29·911	− ·001	N 20 E	3·0	70·9	65·9	91·4	0·9	97	17, 18, 19	66·8	+ 0·3	61	27	75	9	1·8	0·11	− 0·11	1	+ 0·7	0·11	21
Bassein ...	29·910	0	N 14 W	3·9	72·8	66·4	90·6	+ 0·7	95	16, 20	64·4	− 1·5	60	13, 14	69	17	2·2	0·12	− 0·16	1	+ 0·7	0·12	8
Diamond Island ...	29·875	− ·015	N 24 W	5·7	77·1	70·2	83·2	0·8	87	17, 22	71·0	+ 1·1	70	9	69	− 6	2·2	0·46	+ 0·20	1	+ 0·8	0·40	9
Gwa ...	29·926	...	S 63 E	4·4	66·5	63·2	82·8	...	87	16	58·5	...	54	13	81	...	1·0	0·16	...	1	...	0·16	8
Toungoo ...	29·782	+ ·008	...	...	66·9	62·6	90·1	− 0·1	95	16, 17	60·5	0·3	57	4, 28	76	7	2·0	0·20	+ 0·02	1	+ 0·7	0·20	8
Kyaukpyu ...	29·923	− ·001	N 49 E	4·8	71·1	65·9	80·4	− 0·1	85	6	66·6	+ 2·4	62	2, 11	75	− 9	1·5	2·08	+ 1·95	3	+ 2·7	1·52	7
Akyab ...	29·923	− ·007	N 19 E	6·7 [4]	65·2	61·2	82·9	1·4	87	16	59·8	1·4	55	19, 25, 26	78	− 5	2·6	0·33	+ 0·18	1	+ 0·6	0·30	6
Upper Burma																							
Minbu ...	29·760	− ·012	N 45 W	3·2	67·9	58·5	87·3	− 3·0	93	17, 21	59·5	− 1·5	51	14, 28	54	− 10	0·7	0	− 0·06	0	− 0·1	0	...
Yamethin ...	29·270	− ·002	S 45 W	3·0	66·0	57·6	88·2	− 2·8	94	16	58·4	1·6	52	1	57	− 13	1·4	0·27	+ 0·05	1	− 0·6	0·27	7
Mandalay ...	29·682	− ·006	N 22 E	1·6	63·5	58·8	87·9	− 2·1	92	17, 20, 21	58·9	− 1·2	54	27	73	− 5	2·2	0·22	+ 0·11	1	+ 0·7	0·22	7
Monywa ...	29·673	− ·004	N 12 W	2·9	64·0	58·8	87·3	− 0·7	91	16	58·6	− 1·2	53	27	73	0	2·0	0·20	− 0·17	1	+ 0·9	0·15	6
Lashio ...	27·161	+ ·014	S 63 W	2·9	54·2	50·5	74·4	− 3·6	80	17, 21	47·7	− 1·4	39	10	78	1	2·8	1·02	+ 0·72	2	+ 1·0	0·57	7
Bhamo ...	29·568	+ ·008	N 24 E	2·2	58·4	56·0	76·5	− 4·3	83	26, 29	51·6	1·0	46	9, 11	85	5	5·3	1·21	+ 0·73	4	+ 2·6	0·57	7
Myitkyina ...	29·484	+ ·007	N 13 E	3·5	58·3	55·9	76·1	− 2·0	82	20, 24	53·6	0·5	48	10	85	− 1	4·4	1·53	+ 0·68	3	+ 0·4	0·61	6
Assam																							
Dibrugarh ...	29·635	− ·009	N 59 E	1·9	56·2	54·4	71·7	− 0·6	77	20	52·2	2·4	47	9	87	6	5·5	2·37	− 0·05	8	+ 2·1	0·68	5
Sibsagar ...	29·675	+ ·011	N 54 E	2·9	57·0	56·2	73·1	+ 0·5	79	26	52·6	− 0·7	45	10	94	− 2	5·8	2·64	+ 0·63	8	+ 2·7	0·86	5
Tezpur ...	29·732	− ·003	N 70 E	2·5	58·5	55·5	74·4	− 1·6	79	26	54·3	− 1·4	49	9	81	− 7	4·6	1·00	− 0·14	2	− 0·8	0·71	5
Gauhati ...	29·789	− ·012	S 79 E	2·0	58·2	55·5	75·8	− 2·0	81	4 days	49·5	− 3·5	43	25	84	3	3·0	0·96	− 0·28	2	− 0·6	0·73	3
Dhubri ...	29·844	− ·014	S 85 E	6·1	60·0	56·6	74·9	− 2·7	82	27	55·1	− 0·8	49	7, 15, 18	79	− 5	2·5	0·35	− 0·38	3	+ 1·5	0·12	5, 15
Silchar ...	29·885	− ·003	E	2·2	58·8	56·9	78·5	− 2·0	84	2	54·7	− 1·0	48	18	88	+ 2	2·7	3·07	+ 0·95	5	+ 1·4	2·05	5
Srimangal ...	29·894	− ·004	S	...	59·8	57·3	80·3	− 2·9	86	28, 29	52·7	+ 1·0	42	18	85	− 3	2·9	2·11	+ 0·56	2	− 0·8	1·81	4
Bengal																							
Cox's Bazar ...	29·913	− ·004	N 39 E	2·3	67·0	61·2	81·6	− 0·6	88	16	58·4	0·9	52	19	69	− 15	2·1	0·55	+ 0·18	1	+ 0·3	0·52	6
Chittagong ...	29·874	− ·005	N 82 E	5·4	63·2	58·7	81·2	− 1·0	87	15, 16	58·3	− 0·4	52	19	75	− 8	1·3	2·67	+ 1·61	2	+ 0·7	2·30	5
Noakhali ...	29·934	− ·013	N 22 E	3·5	65·1	62·2	80·4	− 0·7	86	16	61·5	− 3·6	53	18	84	− 1	3·3	1·33	+ 0·20	2	− 0·2	1·08	4
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·72	+ 1·54	3	+ 1·0	1·95	4
Narayanganj ...	29·922	− ·020	S 31 E	2·6	64·9	60·9	81·1	− 0·5	89	29	59·3	+ 0·5	51	18	78	− 4	3·1	2·12	+ 0·72	2	0	1·36	4
Mymensingh ...	29·905	− ·004	E	1·0	60·5	58·0	79·6	+ 0·5	87	29	55·5	0·9	48	17, 18	85	+ 1	1·0	0·74	− 0·20	2	+ 0·3	0·51	21
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·32	+ 2·00	4	+ 1·8	2·80	4
Barisal ...	29·937	− ·012	N 22 E	2·9	65·9	62·6	81·8	0·3	88	15, 29	59·8	− 0·1	54	8, 18, 25	81	− 3	2·3	0·24	− 0·81	1	− 0·9	0·11	21
Khulna ...	29·945	...	N 14 E	3·0	66·1	62·1	82·7	...	91	29	59·0	...	51	18	79	...	2·9	0·20	...	1	...	0·11	21
Jessore ...	29·937	− ·005	S 11 W	2·2	64·4	61·0	79·8 [4]	− 2·2	84	13	53·1	− 4·2	44	18	81	0	2·7	0·25	− 1·07	1	− 0·9	0·20	20
Satkhira ...	29·940	...	S 72 W	1·7	63·6	61·2	83·9	...	91	29	57·0	...	48	18	86	...	2·4	0·22	...	2	...	0·11	20, 21
Calcutta ...	29·934	− ·014	N 70 E	1·0	64·5	61·6	83·3	+ 1·0	91	29	60·9	+ 0·6	53	18	84	+ 2	2·7	0·25	− 0·85	1	− 0·6	0·22	20
Saugor Island ...	29·939	− ·016	N 7 W	8·9	70·9	65·9	80·3	− 0·5	85	5	65·5	+ 0·7	55	18	75	− 11	3·5	0·32	− 0·80	2	+ 0·2	0·15	9
Sandheads ...	29·926	− ·037	S 51 W	...	75·1	68·4	...	...	...	...	...	...	...	...	68	− 10	2·6	0·23	− 0·43	1	− 0·1	0·21	10
Midnapore ...	29·810	− ·006	N 27 E	2·0	64·9	59·1	84·7	− 0·8	93	29	59·4	− 2·0	51	18	68	0	2·7	1·07	− 0·13	2	+ 0·2	0·69	20
Burdwan ...	29·849	− ·024	N 56 W	2·4	62·4	58·7	83·1	− 0·2	93	29	56·9	− 1·8	49	17	80	+ 9	2·2	0·84	− 0·41	2	+ 0·2	0·44	20
*Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·24	− 0·96	1	− 0·7	0·16	16
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·66	− 0·38	1	− 0·9	0·63	20
Asansol ...	29·520	...	N 85 W	3·4	62·4	54·7	81·9	− 0·5	92	29	56·5	− 1·0	51	17, 18	59	− 9	1·9	0·80	− 0·10	3	+ 1·3	0·40	16
Berhampore ...	29·896	− ·013	N 70 W	1·8	62·2	57·4	82·2	+ 0·9	91	29	54·7	− 1·9	48	17	72	− 7	3·0	0·95	+ 0·07	2	+ 0·3	0·63	16
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·59	+ 0·01	4	+ 3·5	0·15	15
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·22	+ 0·45	1	− 0·6	1·09	4
Bogra ...	29·898	− ·005	N 68 E	2·2	60·8	56·4	81·0	+ 0·9	88	29	53·5	− 1·2	47	18	74	− 6	3·0	0·27	− 0·51	1	− 0·7	0·16	21
*Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·21	− 0·63	1	− 0·7	0·13	21
Dinajpur ...	29·823	− ·016	N 50 E	2·2	58·7	54·1	78·6	− 0·7	85	29	50·4	− 2·3	42	17	73	− 8	3·2	0·15	− 0·42	0	− 1·2	0·06	15
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·64	− 0·05	2	+ 0·7	0·30	15
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·49	+ 0·30	2	+ 0·2	0·29	4
Jalpaiguri ...	29·695	+ ·007	N 10 W	1·8	56·6	53·8	77·6	+ 1·0	82	2, 3, 5, 29	51·0	− 2·3	41	17	81	− 5	2·3	0·20	− 0·46	1	− 0·2	0·20	5

* Reports only rainfall. 3—Mean of 28 days. 4—Mean of 27 days.

STATION.	Pressure. At 8 h., reduced to 32° and sea level and gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore ...	29·899	·007	N 33 W	3·7	67·6	61·9	84·5	− 0·2	92	15, 16	60·8	− 0·6	55	8	72	− 5	2·2	2·37	− 0·85	1	1·4	2·29	20
Chandbali ...	29·932	...	N 11 W	4·7	68·6	63·7	84·7	...	93	29	62·4	...	56	20	75	...	1·8	0·79	...	1	...	0·78	20
Puri ...	29·916	·025	N 18 W	9·7	72·2	66·7	83·2	0	90	5	68·4	− 0·7	61	20	74	− 7	2·3	0·82	− 0·04	2	− 1·0	0·51	23
Cuttack ...	29·866	·014	S 63 W	2·0	67·4	63·[illegible]	87·6	− 1·1	94	16	62·4	2·9	57	8	77	3	1·9	0·58	− 0·18	1	− 0·1	0·58	20
Angul ...	29·494	+ ·001	N 68 W	3·2	61·2	58·6	84·8	− 1·8	91	15,16,29	59·0	− 2·3	53	11	70	− 3	2·4	2·81	+ 1·41	1	− 1·3	2·80	20
Sambalpur ...	29·466	·000	N 39 E	2·8	63·4	57·0	84·3	− 2·3	90	15, 16, 28, 29	55·3	− 1·6	46	18	65	− 3	2·4	1·58	0·79	1	− 0·7	1·57	20
Chota Nagpur																							
Jamshedpur ...	29·516	...	N 60 W	2·2	60·0	55·7	83·4	...	91	15	54·4	...	46	17	74	...	2·0	1·56	...	3	...	1·30	20
Chaibasa ...	29·499	·014	S 48 W	2·2	62·4	56·8	82·2	2·1	90	4, 15	55·3	1·8	47	18	69	− 6	3·0	1·66	− 0·17	1	1·4	1·66	20
Ranchi ...	27·760	− ·012	S 51 W	3·0	61·8	51·4	76·3	0·8	85	29	53·6	1·6	46	18	45	− 14	2·4	1·26	− 0·31	1	1·8	1·19	20
*Hazaribagh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·21	− 0·11	2	0·3	0·65	20
Daltonganj ...	29·216	·016	N 72 E	2·9	58·3	52·9	79·6	− 0·3	88	14,28,29	51·7	− 0·2	45	11, 17	67	11	1·4	1·19	0	2	0·3	0·87	20
Bihar																							
Purnea ...	29·837	·009	S 68 E	1·9	57·3	52·9	77·3	1·5	83	29	49·5	− 2·0	41	17	72	12	1·7	0·16	− 0·46	1	− 0·3	0·16	15
Darbhanga ...	29·788	·013	N 37 E	3·1	59·7	51·2	77·9	1·0	83	4, 29	50·3	− 2·9	42	17	68	11	2·6	0·25	− 0·29	1	0·3	0·25	15
*Muzaffarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·13	− 0·41	1	0·6	0·13	15
Motihari ...	29·726	...	S 72 E	2·7	57·4	52·3	78·3	...	83	28, 29	49·3	...	43	10,11,17	69	...	1·6	0·04	− 0·51	0	− 1·3	0·02	15
*Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	− 0·48	1	− 0·6	0·10	21
Patna ...	29·770	− ·021	S 41 W	3·7	59·7	53·6	79·5	+ 2·0	88	29	51·4	+ 0·2	47	17	65	− 3	2·5	0·39	− 0·32	1	− 0·5	0·25	15
*Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·31	− 0·43	1	− 0·5	0·22	15
*Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·96	+ 0·48	1	+ 0·8	0·96	20
Gaya ...	29·575	·021	S 20 E	3·4	63·4	53·7	81·9	+ 1·4	91	29	55·1	− 0·9	48	17	50	− 18	2·1	0·82	− 0·01	1	− 0·7	0·76	20
Naya Dumka ...	29·460	·008	N 27 W	2·0	62·8	55·7	80·3	0	89	29	53·3	− 2·4	47	7, 17	62	− 3	2·2	1·68	+ 0·97	4	+ 2·4	1·00	15
Sabour ...	29·832	...	S 27 W	3·3	55·4	52·6	78·3	...	87	4	48·6	...	39	17	81	...	3·1	0·62	0·10	2	+ 0·1	0·33	21
United Provinces, East																							
Gorakhpur ...	29·566	·032	S 76 E	2·4	56·5	51·4	79·6	+ 2·2	86	29	50·4	− 1·7	43	10	69	− 4	2·7	0·06	− 0·51	0	− 1·8	0·05	20
Benares ...	29·694	·029	S 23 W	3·6	59·1	52·9	80·8	+ 1·3	92	29	51·7	− 0·1	45	7, 11, 18	65	− 8	2·5	0·38	− 0·28	2	+ 0·2	0·25	20
Allahabad ...	29·637	·027	W	3·8	58·8	52·0	81·2	+ 1·7	91	28, 29	49·1	− 2·8	41	4 days	59	− 8	2·9	0·22	0·36	1	0·5	0·22	20
Fatehpur ...	29·568	...	N 63 W	2·6	61·8	53·4	80·7	...	91	28	50·6	...	43	7, 10, 17	53	...	2·2	0·71	...	1	...	0·70	20
Cawnpore ...	29·519	·034	S 87 W	1·8	56·6	50·2	80·5	+ 2·1	91	28	50·7	− 0·4	41	16	60	− 8	1·2	0·21	− 0·45	1	− 0·6	0·17	20
Lucknow ...	29·572	− ·027	S 72 W	2·4	56·7	51·0	79·2	+ 0·8	88	28	50·7	− 0·3	42	10	66	− 2	1·9	0·07	− 0·58	0	− 1·5	0·06	15
Bahraich ...	29·505	·035	S 4 W	2·9	55·7	50·9	78·2	− 1·8	89	14	49·0	− 1·5	42	7	69	− 7	1·1	0·02	− 0·89	0	− 2·0	0·02	13
Gonda ...	29·586	...	W	3·2	55·4	48·9	78·4	...	86	29	49·1	...	43	4 days	59	...	1·7	0·22	...	1	...	0·22	15
United Provinces, West																							
Jhansi ...	29·109	·042	S 61 W	1·3	60·9	50·0	81·8	+ 1·0	92	28	51·9	3·2	43	17	10	− 16	1·4	0·11	− 0·31	1	− 0·1	0·11	20
Agra ...	29·385	− ·034	S 80 W	3·4	55·4	47·6	79·4	+ 0·6	89	28	44·9	− 2·0	36	17	53	− 13	2·2	0	0·18	0	− 1·6	0	...
Mainpuri ...	29·417	·027	N 77 W	1·9	56·7	49·5	79·7	+ 2·8	90	29	47·1	− 2·7	40	9, 18	57	− 12	2·5	0	0·69	0	− 1·5	0	...
Aligarh[3] ...	29·312	...	N 84 W	1·5	56·8	49·3	77·0	...	83	27	48·0	...	42	18	55	...	1·4	0	...	0	...	0	...
Bareilly ...	29·365	− ·011	S 88 W	2·9	53·2	47·8	77·3	+ 2·3	87	29	47·9	− 1·8	43	4 days	61	− 12	1·7	0	− 0·92	0	− 1·7	0	...
*Meerut ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	− 0·77	1	− 0·7	0·11	11
Roorkee ...	29·016	− ·024	N 40 W	3·0	50·4	46·0	73·9	+ 1·2	83	28	44·1	− 2·9	35	9	68	− 11	2·1	0·49	− 0·91	2	− 0·6	0·35	15
Dehra Dun ...	27·652	− ·020	N 27 E	2·4	48·0	42·1	70·5	+ 1·5	78	28	43·8	− 2·9	37	16	58	− 14	2·7	0·74	− 1·61	2	− 1·6	0·51	14
Punjab, East and North																							
Delhi ...	29·239	− ·021	S 75 W	2·9	53·3	47·1	76·7	...	85	27, 29	44·0	...	35	18	60	...	2·6	0·06	− 0·70	0	− 1·6	0·06	14
Hissar ...	29·214	− ·031	S 6 W	3·5	52·6	45·2	77·7	+ 2·9	86	29	45·1	− 1·6	37	6	51	− 19	1·2	0·02	− 0·33	0	− 1·0	0·02	11
Ambala ...	29·018	− ·029	N 37 W	3·4	53·3	47·3	75·0	+ 2·3	84	28	47·1	0	39	18	60	− 18	2·0	1·73	+ 0·08	2	− 1·0	1·58	2
Ludhiana ...	29·120	− ·020	N 20 W	2·0	52·9	47·5	74·3	+ 3·4	83	28	45·7	− 2·0	38	16	63	− 13	1·5	0·37	− 0·92	2	− 0·5	0·20	2
Lahore ...	29·230	− ·033	N 43 E	1·9	51·7	48·1	73·5	+ 1·4	81	28	44·5	− 0·5	38	8, 16	76	− 3	1·5	0·03	− 0·91	0	− 2·2	0·02	2
Sialkot ...	29·098	− ·031	N 23 E	2·2	49·4	46·7	71·6[3]	+ 2·0	79	28	44·0	− 1·6	38	8, 16	82	+ 2	1·7	0·43	− 1·16	1	− 2·0	0·43	14
Rawalpindi ...	28·242	− ·036	N 20 E	4·2	46·5	42·2	67·8	+ 2·7	78	27	40·7	− 0·6	35	5 days	67	− 11	3·6	1·48	− 0·71	4	+ 0·3	0·60	14

* Reports only rainfall.

3– Mean of 28 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab	29·329	-·056	N 52 E	4·0	52·8	46·6	73·6	+ 2·5	81	26, 27	45·8	- 0·2	37	14, 15	60	- 6	1·9	0·21	- 0·68	1	- 1·0	0·21	13
Lyallpur	29·368	-·006	S 81 E	2·6	51·9	47·1	72·8	- 1·6	80	27	44·8	- 1·4	37	14	66	- 11	2·2	0·24	- 0·07	1	- 0·1	0·16	14
Montgomery	29·386	- ·036	S 48 E	2·6	52·6	48·0	74·5	- 1·7	82	27	45·9	- 0·1	37	16	70	- 5	1·4	0	0·46	0	- 1·4	0	...
Multan	29·527	-·041	N 42 E	2·6	55·2	46·8	77·0	+ 2·9	85	26, 27	48·5	- 0·7	41	18	48	- 18	2·2	0	- 0·36	0	- 1·2	0	...
Bahawalpur	29·575	...	E	2·8	53·0	46·9	78·2	...	89	27	45·9	...	39	5	60	...	2·0	0	...	0	...	0	...
Khanpur	29·667	...	N 33 E	4·1	51·1	44·8	80·5	...	89	26, 27	43·4	...	35	16	56	...	2·1	0	...	0	...	0	...
Kashmir																							
Srinagar	24·966	-·021	S 1 E	3·0	33·2	32·3	48·2	+ 4·7	55	25,26,27	30·0	- 1·2	22	8	90	- 1	6·5	2·87	- 0·14	5	- 1·2	1·66	2
*Sonamarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·78	- 0·45	8	- 1·9	3·61	2
Dras	20·764	-·025	W	2·[illegible]	- 7·1	...	...	...	...	...	- 14·3	- 3·6	-30	16	...	...	4·5	1·88	- 0·79	6	- 1·1	0·54	1
Leh	19·596	-·002	N 25 E	2·4	15·2	11·9	37·6	+ 4·8	43	25, 26	10·7	- 0·8	3	16	56	2	5·6	0·07	0·23	0	- 0·8	0·06	15
Skardu	22·939	-·043	Calm	0·2	23·7	21·4	39·4	- 1·2	49	29	20·3	- 1·7	13	17	72	- 17	5·4	0·15	- 0·52	1	- 1·3	0·11	1
Gilgit	25·156	-·011	S 72 W	3·4	41·1	33·6	53·8	+ 1·5	62	29	38·2	+ 1·5	31	8,16,17	42	- 13	5·5	0·01	- 0·20	0	- 0·8	0·01	14
North-West Frontier Province																							
Peshawar	28·798	-·012	S 3 E	2·8	48·2	43·7	69·2	+ 3·0	77	26	43·3	- 0·5	37	6, 14	67	- 2	1·4	0·95	- 0·40	3	- 0·1	0·37	1
Miranshah[3]	...	...	N 23 W	2·8	47·9	42·6	62·1	...	73	20	...	...	...	...	61	...	0	0·03	...	0	...	0·02	29
Dera Ismail Khan	29·397	-·021	N 18 E	1·7	51·3	45·0	73·1	+ 1·5	80	26	43·3	- 1·3	37	4 days	56	- 14	3·0	0·41	- 0·24	1	- 0·7	0·41	13
†Baluchistan																							
Fort Sandeman	25·400	-·004	Calm	2·2	36·4	30·4	61·8	+ 1·6	72	26	33·0	- 1·2	28	3, 4	50	- 17	1·8	0·35	- 0·50	1	- 1·6	0·18	13
*Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	- 0·06	1	- 0·5	0·37	29
Quetta[3]	24·676	- ·029	S 61 E	4·4	32·4	28·1[10]	58·4	+ 5·9	69	25	27·4	- 5·4	17	15	44	- 22	3·3	0·64	- 1·22	2	- 2·4	0·50	29
Chaman	25·763	- ·003	S 53 E	5·6	41·1	35·0	60·7	+ 3·1	74	25, 26	37·8	- 0·9	29	2, 3	53	- 12	2·0	0·51	- 0·91	1	- 2·9	0·33	29
Kalat	23·681	-·031	S 2 W	7·8	26·8	25·9	56·8	+ 3·8	65	11	19·5	- 5·3	7	3	90	- 19	1·2	0·18	- 0·86	1	- 1·9	0·18	29
Dalbandin	27·120	- ·046	Calm	1·5	40·5	34·6	70·4	+ 3·4	81	25,26,29	36·4	- 2·2	26	14	51	- 17	0·3	0	- 1·00	0	- 2·2	0	...
Las Bela	29·722	...	N 24 W	2·1[13]	61·4	55·3	81·5	...	90	23, 27	48·7	...	38	3	67	...	1·3	0	...	0	...	0	...
Sind																							
Jacobabad	29·762	- ·052	S 76 E	2·8	57·1	47·1	81·9	+ 3·6	90	27	49·7	- 1·1	39	15	41	- 15	0·8	0·02	- 0·30	0	- 0·9	0·02	29
Sukkur	29·767	...	N 58 E	2·6	56·1	47·3	81·5	...	90	27	49·8	...	39	3	47	...	0·8	0	...	0	...	0	...
Cher	29·938	...	S 10 W	4·5	59·0	52·3	87·7	...	98	28	47·2	...	36	16	62	...	1·4	0	...	0	...	0	...
Hyderabad	29·878	- ·029	S 87 W	3·9	63·9	56·2	85·1	+ 1·3	94	28	51·8	- 0·6	42	16	60	- 2	2·2	0	- 0·27	0	- 0·6	0	...
Karachi	29·962	- ·039	N 15 E	7·9	66·3	61·8	78·4	- 0·8	81	4 days	63·0	- 1·9	55	16	76	- 11	1·1	0	- 0·39	0	- 1·0	0	...
Badin	29·922	...	S 84 W	5·5	63·1	59·2	86·4	...	93	26,27,28	54·8	...	45	15	78	...	0·8	0	...	0	...	0	...
Rajputana, West																							
Bikaner	29·179	- ·011	S 48 E	3·8	55·9	44·9	78·9	+ 2·6	89	27	51·2	- 0·9	45	9, 16	34	- 17	0·9	0	- 0·28	0	- 0·8	0	...
Jodhpur	29·159	- ·027	N 52 E	4·0	59·7	47·5	83·3	+ 2·7	91	27,28,29	53·4	- 0·1	44	4	33	- 7	2·7	0	- 0·20	0	- 0·6	0	...
Barmer	29·281	...	N 56 W	4·7	62·6	53·9	82·6	...	91	1, 26, 27	53·5	...	42	1, 16	54	...	1·4	0	...	0	...	0	...
Rajputana, East																							
Jaipur	28·512	- ·011	N 43 E	2·6	61·3	49·4	80·1	+ 1·8	89	27, 28	50·3	- 1·1	43	15, 20	37	- 15	1·6	0·01	- 0·28	0	- 0·8	0·01	7
Ajmer	28·322	- ·028	S 63 W	3·0	58·2	47·5	77·7	+ 0·5	88	1	48·3	- 1·6	39	5	41	- 20	2·4	0·12	- 0·13	1	+ 0·3	0·12	7
Kotah	29·166	- ·025	S 81 W	2·2	64·9	51·9	82·4	+ 0·6	94	1	54·7	- 0·9	45	18	38	- 9	1·6	0	- 0·29	0	- 0·5	0	...
Jhalrapatan	29·891	...	E	2·2	58·9	49·2	81·5	...	90	1, 2, 28	49·3	...	39	17	45	...	0·7	0	...	0	...	0	...
*Udaipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·14	0	- 0·4	0	...
Gujarat																							
Deesa	29·485	- ·019	N 72 E	5·3	62·5	50·1	87·4	+ 1·0	96	27	50·4	- 3·9	40	18	34	- 8	1·5	0	- 0·16	0	- 0·3	0	...
Bhuj	29·611	-·023	S 78 W	3·4	65·0	57·9	85·0	+ 1·4	92	27	57·3	- 0·2	46	16	63	- 2	0	0	- 0·15	0	- 0·3	0	...
Dwarka	29·949	- ·021	N 26 W	10·9	71·6	64·1	79·8	+ 1·4	85	26	66·9	- 3·9	58	17	64	- 7	2·1	0	- 0·32	0	- 0·5	0	...
Rajkot	29·524	- ·017	N 76 W	4·7	63·4	55·2	86·2	- 0·3	95	1	55·3	- 4·3	47	16, 17	57	- 2	2·1	0	- 0·10	0	- 0·3	0	...
Veraval	29·962	+ ·007	N 21 E	5·4	69·5	59·7	84·4	+ 2·9	93	26, 27	62·1	- 1·5	55	18	52	- 7	1·0	0	- 0·05	0	- 0·2	0	...
Surat	29·933	- ·001	N 54 E	3·3	67·3	59·3	90·2	+ 0·9	98	1	60·2	- 0·8	54	16	59	- 3	2·1	0	- 0·07	0	- 0·2	0	...
Bhavnagar	29·929	- ·001	N 45 W	3·2	64·8	55·4	86·8	- 0·2	93	27	56·5	- 1·3	45	16	51	- 2	1·3	0	- 0·08	0	- 0·2	0	...
Ahmadabad	29·811	- ·007	N 1 E	3·5	65·9	54·7	86·7	- 1·1	95	1	58·5	- 1·0	50	4	45	- 1	0·9	0	- 0·12	0	- 0·3	0	...
Dohad	29·952	...	S 24 E	3·2	59·4	52·1	84·8	...	93	1, 27	51·6	...	43	16	57	...	1·3	0	...	0	...	0	...

* Reports only rainfall.
† Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time).
3—Mean of 28 days. 9—Mean of 22 days. 10—Mean of 21 days. 13—Mean of 18 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	28·311	−·020	S 38 W	3·6	62·4	50·8	79·9[3]	0·8	89	1, 28	49·5[3]	2·2	40	17	41	−7	1·4	0	−0·20	0	−0·4	0	...
Indore	28·406	−·016	S 38 W	3·0	64·9	50·9	80·0	3·0	87	1, 27, 28	50·4	2·2	39	16	43	−6	0·9	0	−0·18	0	−0·6	0	...
Bhopal	28·303	...	S 70 W	3·0	63·3	52·6	80·7	...	89	1	53·5	...	43	17	47	...	1·6	0·06	...	0	...	0·06	19
Guna	28·364	...	S 33 E	2·6	57·4	48·7	79·9	...	89	1	47·7	...	38	16	51	...	0·9	0	...	0	...	0	...
Central India, East																							
Nowgong	29·187	−·021	S 45 W	2·1	55·6	50·7	81·8	+2·3	95	29	47·7	+3·2	38	17	69	+4	2·2	0·91	+0·11	2	+0·9	0·82	20
Satna	28·879	−·028	S 65 W	3·3	57·8	49·4	81·2	+2·1	91	28	49·7	+2·6	41	16, 17	50	−11	2·5	0·55	−0·18	1	−0·7	0·55	20
Umaria	29·424	...	S 27 E	...	58·3	51·7	79·5	...	89	29	48·9	...	38	17	62	...	2·3	1·12	...	1	...	1·05	20
Berar																							
Akola	29·016	−·001	N 73 W	4·2	63·4	51·0	86·8	−3·7	96	2	56·0	+1·4	44	5	52	+9	1·4	0·66	+0·37	1	+0·4	0·50	28
Amraoti	28·719	−·001	N 63 E	3·8	65·4	53·6	85·3	−4·2	92	2	58·8	+3·4	51	4, 5	40	−5	2·2	0·17	−0·21	1	−0·3	0·12	19
Central Provinces, West																							
Khandwa	28·900	−·003	S 33 W	3·8	63·8	52·8	86·8	−1·7	98	2	53·7	−2·2	48	21	43	−1	0·6	0·50	−0·38	1	+0·7	0·50	29
Hoshangabad	28·968	−·001	S 88 E	3·0	61·3	52·8	82·4	−2·8	90	28	53·9	+0·7	46	17	53	+7	2·7	0·21	−0·20	1	0	0·18	29
Saugor	28·111	−·017	S 13 W	3·3	62·2	50·0	79·1	−1·4	88	28	54·4	−1·1	48	16, 21	38	−8	1·3	0·84	+0·40	1	−0·2	0·70	20
Jubbulpore	28·608	−·001	S 3 E	2·0	57·9	51·2	80·8	−0·7	89	4 days	50·5	−4·9	41	17	62	−3	1·6	0·71	−0·11	3	+1·3	0·41	20
Seoni	27·893	−·013	N 29 E	3·7	62·2	52·4	79·5	−3·7	89	1	52·9	−2·4	45	17	18	−8	2·9	1·16	−0·22	3	+1·0	0·61	29
Nagpur	28·917	−·007	N 20 E	3·3	63·3	53·0	85·4	−3·1	95	2	57·2	2·4	49	17	45	6	2·7	1·10	+0·80	1	−0·4	1·35	19
Central Provinces, East																							
Pendra	27·880	−·017	S 11 W	3·2	61·3	52·7	76·9	−2·1	85	28	53·3	−4·5	46	10, 16	51	2	2·2	0·52	1·16	2	−1·1	0·26	20
Raipur	28·962	−·008	N 21 E	2·8	64·4	55·8	84·3	−1·8	90	15, 28	56·6	−3·6	51	7,11,17	55	−2	2·0	0·38	−0·47	1	−0·6	0·33	20
Kanker	28·621	...	S 5 E	3·2	63·8	57·2	83·7	...	90	15	54·1	...	46	4 days	66	...	2·9	0·70	...	2	...	0·59	20
Chanda	29·310	−·001	N 10 E	3·1	65·8	59·3	86·5	−1·4	93	3	57·2[4]	2·2	48	6	66	+7	2·1	0·81	+0·01	3	+1·9	0·38	19
Jagdalpur	28·401	−·024	N	1·5	63·8	58·9	84·1	−1·5	89	15, 16	55·1	2·6	49	1, 11	73	0	1·1	0·99	−0·37	3	+1·7	0·39	23
Konkan																							
Bombay	29·913	−·007	N 85 E	6·1	72·4	66·4	84·7	+1·8	93	17	69·3	+2·1	65	10, 15	71	0	1·6	0	−0·08	0	−0·2	0	...
Ratnagiri	29·733	−·005	N 45 E	6·8	74·4	64·3	84·3	−1·5	94	1, 17	67·8	+0·6	63	20	55	−9	0	0	−0·05	0	−0·1	0	...
Marmagao	29·746	−·019	N 75 E	7·2	73·6	67·6	83·0	...	87	1, 17	67·8	...	65	11	72	..	2·9	0	−0·07	0	−0·1	0	...
Karwar	29·899	−·006	N 16 E	2·6	67·1	65·4	81·6	−1·4	89	11	64·7	2·3	62	1	92	+7	3·0	0	−0·01	0	−0·1	0	...
Bombay Deccan																							
Malegaon	28·512	−·002	N 77 W	2·8	61·0	52·1	86·8	−3·2	95	1	51·5	−3·4	41	5	40	5	2·1	0	−0·07	0	−0·2	0	...
Ahmadnagar	27·780	−·014	N 28 W	3·8	65·3	53·4	85·9	−2·5	91	4 days	55·5	0	47	5	41	−6	1·0	0	−0·17	0	−0·3	0	...
Poona	28·107	−·002	S 11 E	3·3	63·1	55·9	87·3	−3·3	94	1	53·9	−1·3	46	20	63	+6	1·7	0	−0·06	0	−0·1	0	...
Sholapur	28·357	−·003	N 85 E	3·8	70·1	57·3	89·8	−1·7	93	27, 28	60·8	−1·7	52	3, 5	41	+3	0·9	0	−0·06	0	−0·1	0	...
Miraj	28·124	...	N 45 W	3·9	64·6	56·9	86·7[3]	...	91	18	55·3	...	49	5, 24	61	...	0·6	0	...	0	...	0	...
Bijapur	27·977	−·004	N 21 W	3·1	69·4	57·6	88·5	−2·5	91	5 days	61·8	−2·1	55	11	45	−6	1·1	0	−0·06	0	−0·2	0	...
Belgaum	27·374	−·005	N 34 E	2·9	62·6	55·6	86·9	−1·4	91	3	56·1	−3·3	49	5, 23	63	+12	0·7	0	−0·05	0	−0·1	0	...
Gadag	27·803	...	S 81 W	3·0	71·0	60·9	90·2	...	92	6 days	62·3	...	58	5	54	...	0·7	0	...	0	...	0	...
Hyderabad, North																							
Aurangabad	28·011	−·011	N 89 E	6·2	65·7	53·8	85·0	−3·7	91	2	58·1	−0·8	50	10	42	+3	1·4	0	−0·17	0	−0·1	0	...
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	−0·02	1	+0·1	0·36	29
Nizamabad	28·699[3]	+·011	N 38 E	1·6	68·1	59·9	89·0	−1·9	95	2	61·1	−0·4	53	5	61	+7	2·1	1·83	+1·32	3	+2·1	0·90	28
Hyderabad, South																							
Gulbarga	28·431	+·005	S 85 E	6·3	73·1	59·9	89·8	−2·7	92	5 days	63·4	−0·7	54	7	44	−6	2·1	0	−0·19	0	−0·5	0	...
Raichur	28·623	+·012	S 21 E	5·2	74·6	67·1	91·7	−0·4	95	3	67·3	−1·1	62	5, 11	67	+13	1·4	0·34	+0·11	2	+1·6	0·15	23
Hyderabad	28·221	+·009	S 65 E	3·1	70·7	61·6	87·5	−2·2	92	4, 5	62·0	−2·2	56	6, 7, 11	58	−7	3·2	3·78	+3·48	5	+4·3	1·31	22
Hanamkonda	29·064	+·002	S 65 E	4·1	69·9	63·5	88·0	−1·6	93	2, 4	64·7	−0·6	59	6, 7	68	+6	3·8	2·08	+1·73	4	+3·3	1·27	24
Mysore																							
Chitaldrug	27·534	+·003	S 28 W	3·4	72·0	61·9	89·8	+0·5	93	26, 29	65·4	−0·5	61	2, 6	55	+2	1·7	0	−0·09	0	−0·2	0	...
Bangalore	26·943	−·004	S 54 E	3·9	68·3	62·7	86·0	−0·2	89	4 days	61·5	+1·3	56	1, 2	73	+2	2·7	3·54	+3·37	3	+2·7	2·12	22
Mysore	27·426	−·009	S 27 E	2·8	69·4	63·5	88·3	−0·5	90	5 days	64·3	+0·7	57	1	71	+3	3·4	0	−0·22	0	−0·1	0	...
Malabar																							
Mangalore	29·867	+·012	N 79 E	5·2	76·0	70·7	85·9	−2·6	88	14	70·9	−1·2	68	5 days	75	+2	4·0	0	−0·06	0	−0·1	0	...
Calicut	29·909	+·015	S 66 E	4·9	77·7	71·3	86·1	−2·0	90	18, 22	72·0	−0·9	67	1	71	−9	3·4	0	−0·16	0	−0·3	0	...
Cochin	29·924	+·015	N 72 E	5·4	79·7	73·4	85·9	−4·2	89	14	74·5	+0·4	67	1	72	−3	4·1	1·00	+0·21	2	+0·7	0·74	17
Trivandrum	29·811	−·006	S 59 E	5·2	76·2	72·1	83·0	−2·9	88	8	74·0	−0·7	68	5	81	−3	4·3	0·50	−1·39	2	−0·4	0·29	14

* Reports only rainfall. 3—Mean of 28 days. 4—Mean of 27 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·17	1·37	2	0·6	2·05	24
Pamban	29·908	·013	N 73 E	1·6	80·0	73·9	85·0	0·1	89	25	75·2	0·5	72	19	74	− 6	3·6	0·01	− 0·72	0	− 1·2	0·01	14
Madura	29·469	·009	N 7 W	1·3	73·8	68·9	91·0	− 0·8	94	6, 7, 23	71·0	0·8	62	1	76	0	4·4	0·81	0·48	2	1·4	0·65	24
Negapatam	29·917	·009	N 6 W	8·4	77·7	72·1	84·9	0·2	91	6	74·3	1·6	66	1	75	3	5·4	0	− 0·63	0	0·8	0	...
Trichinopoly	29·702	·007	N 11 E	2·9	78·1	71·6	91·8	− 0·6	95	6	70·0	1·1	63	2, 3, 4	72	5	2·8	0	− 0·56	0	0·7	0	...
Coimbatore	28·595	·003	N 20 E	2·6	73·2	67·1	88·8	2·7	92	24, 26	67·4	1·4	59	1	72	− 8	4·8	2·66	2·34	2	1·4	1·54	28
Salem	29·017	− ·007	N 10 E	6·0	74·1	68·0	92·0	1·4	95	22, 24	68·1	1·6	59	1	72	4	2·6	2·27	2·00	3	2·4	1·53	27
Cuddalore	29·918	·008	N 67 W	4·3	76·6	73·0	85·4	− 0·2	91	7	70·5	0·7	64	3, 4	84	2	4·3	0	0·89	0	1·2	0	...
Vellore	29·227	− ·023	N 85 W	3·0	71·7	68·0	86·1	− 3·2	89	16, 21	66·8	0·6	57	1	83	0	3·7	0·58	0·29	2	1·5	0·37	26
Madras	29·922	·011	S 53 W	6·5	76·1	72·0	86·3	− 0·5	92	7	69·4	0·7	63	3, 4	81	− 2	3·1	0·69	0·37	1	0·4	0·67	25
Madras, Deccan																							
Cuddapah	29·518	·011	S 54 E	7·2	78·7	69·4	93·2	1·5	97	5	70·2	0·9	61	1	60	− 7	2·0	0·03	0·11	0	0·2	0·03	26
*Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·83	0·31	1	0·6	0·83	26
Bellary	28·451	0	S 47 W	3·1	73·6	63·3	90·9	3·2	94	3, 4	67·2	1·1	60	1	54	0	1·9	0	0·16	0	0·3	0	...
Kurnool	29·003	0	S 78 E	3·9	73·4	63·0	92·3	− 1·5	95	4	65·5	0·2	59	1, 7, 9	53	− 8	1·8	0·80	0·64	2	1·7	0·56	23
Madras Coast, North																							
Nellore	29·872	− ·010	S 12 E	3·1	76·7	71·3	88·6	− 1·1	96	8	70·5	1·0	66	3	75	10	2·2	0·85	0·73	1	0·6	0·85	25
Masulipatam	29·943	·013	S 15 E	3·3	76·2	72·6	84·1	− 2·5	87	1, 8	69·0	0·4	63	15	84	− 1	2·3	2·91	2·49	2	1·5	1·93	24
Cocanada	29·936	·007	N 2 W	3·4	75·3	70·4	85·3	− 0·1	89	5 days	69·2	− 0·6	65	15	77	1	3·6	0·54	0·22	3	2·5	0·28	26
Vizagapatam	29·819	·016	N 49 W	3·1	73·1	69·9	82·1	1·7	85	6	69·7	1·4	66	14, 15	85	12	3·4	1·57	0·72	3	2·1	0·88	25
Calingapatam	29·910	·006	N 58 W	6·2	72·2	69·5	85·7	1·8	90	29	67·9	0·2	64	14, 15	88	6	2·3	0·64	0·34	2	1·1	0·36	23
Gopalpur	29·900	− ·001	N 30 W	7·2	70·4	65·7	83·4	0·1	88	10	66·4	1·0	62	5	78	0	2·9	1·41	0·72	3	1·9	1·17	19
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo[3]	26·427	·007	S 45 W	1·2	53·0	49·5	72·5	1·9	78	16	43·7	0·4	37	27	78	7	1·7	0·51	0·31	1	0·4	0·46	7
Haka	23·084	...	S 27 E	...	45·4	40·3	61·5	...	68	4	42·4	...	37	10	65	...	1·3	0·27	...	1	...	0·12	21
Kalimpong	23·903	...	S 87 E	...	53·8	45·3	62·8	...	71	17	43·3	...	38	11	51	...	2·4	0·01	...	0	...	0·01	6
Shillong	25·408	− ·013	S 80 W	2·6	50·6	44·3	59·8	2·7	65	16, 17	39·9	2·3	34	8, 22	58	9	3·0	0·74	0·46	2	0·7	0·30	4
Cherrapunji	25·682	− ·008	S 18 W	5·6	53·1	47·3	60·0	2·0	66	1, 2	46·7	1·0	41	8	63	− 6	4·1	2·07	0·65	5	1·4	0·98	16
Darjiling	22·862	− ·037	S 56 E	3·9	39·4	36·3	45·2	3·7	56	1	34·3	1·8	30	6, 7	76	6	4·8	0·47	0·63	3	0·4	0·16	7
Kalimpong	25·988	...	N 53 W	6·6	49·6	45·7	59·3	...	65	1	45·5	...	39	8	73	...	3·7	0·06	...	6	...	0·01	7
Mukteswar	22·755	− ·033	N 24 E	5·7	39·3	33·4	49·4	− 1·6	57	28	34·9	0·5	24	16	53	5	1·9	0·78	− 1·61	2	− 2·6	0·64	15
Mussoorie	23·315	·003	N 77 E	3·7	40·8	34·9	50·0	0·4	59	4	38·3	0·6	30	16	55	− 8	3·6	1·79	...	4	...	1·00	14
Simla	23·025	− ·024	S 50 E	3·1	41·0	32·9	48·8	0·4	56	27	35·4	0·5	26	14	41	8	2·8	0·93	2·20	2	3·8	0·49	12
*Dharampore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·03	...	3	...	0·65	14
*Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·76	...	8	...	1·45	2
Murree	24·153	...	S 85 E	4·2	36·2	31·6	45·4	2·0	55	27	31·4	3·0	24	15	63	1	3·6	3·63	0·51	9	3·4	1·26	14
Chirat	25·727	·005	N 31 W	8·5	44·2	37·1	53·2	1·0	62	29	41·0	0·6	31	14	49	5	4·0	2·26	0·72	4	0·3	0·90	13
Parachinar	24·426	·003	S 46 W	3·3	39·2	33·1	52·9	1·4	61	26	31·8	0·9	23	14	53	19	3·7	2·83	0·70	4	0·9	1·12	13
Dras	...	...	S 67 E	6·4	37·2	33·3	48·7	1·0	59	28, 29	35·0	1·7	32	9 days	65	6	4·4	2·78	1·65	4	0·9	2·35	1
Mount Abu	26·011	− ·017	N 48 W	1·2	58·8	45·8	67·4	0·4	75	1	51·6	1·6	43	16	32	7	1·9	0	− 0·28	0	0·6	0	...
Pachmarhi	26·477	·006	S 62 W	2·3	61·5	50·5	72·7	2·5	80	1, 2	45·9	5·1	31	17	45	8	3·0	0·08	0·58	0	1·5	0·01	19, 29
Mahableshwar	25·512	...	E	...	61·4	50·3	74·8	...	82	1	55·7	...	19	8	44	...	1·4	0	...	0	...	0	...
Mercara	26·216	− ·002	N 61 E	5·0	65·1	59·7	79·0	1·9	82	16	57·2	1·6	52	5	72	1	4·0	0	0·19	0	− 0·5	0	...
Kodaikanal	22·809	·005	N 49 E	5·0	53·7	46·9	63·6	− 2·6	72	7	47·1	1·7	43	1	60	7	1·9	1·77	0·36	4	2·0	0·64	26
Coonoor	23·481	...	S 63 E	3·1	59·4	54·4	68·1	...	74	4	48·9	...	39	2	73	...	2·8	0·54	...	1	...	0·42	26
Ceylon																							
Colombo[3]	29·899	·016	N 66 E	3·7	73·4	71·5	86·1	2·4	91	1	70·3	2·1	65	8, 11	90	7	3·6	3·57	1·46	6	2·6	0·82	25
Trincomalee	29·811	·006	S 59 E	5·2	76·2	72·1	83·0	2·9	88	8	74·0	0·7	68	5	81	3	4·3	0·50	1·39	2	− 0·4	0·29	14
Hambantota	29·836	·012	N 19 E	11·3	75·3	71·3	86·0	0·2	90	2, 8, 13	71·4	− 0·2	65	8	81	8	2·0	0·59	0·56	1	1·7	0·59	14
Nuwara Eliya	24·085	...	...	...	47·5	45·6	70·2	...	74	9	39·8	...	29	11	87	...	1·6	3·36	...	6	...	0·97	14
Arabia																							
†Aden	29·920	·034	N 87 E	7·2	74·1	68·4	83·7	2·9	87	10	72·0	− 1·3	68	5 days	74	− 3	6·1	0	− 0·19	0	− 0·4	0	...

* Reports only rainfall.

† Records observations at 7 hrs. (local time).

3—Mean of 28 days.

Y. P. P.—S 2149—400—18-3-32

3

MONTHLY WEATHER REPORT

FOR

March 1932

(Supplement to the Indian Daily Weather Report for the 2nd May 1932)

Published by order of the Governor-General in Council

Summary.—Precipitation in moderate to large excess in the Punjab, the North-West Frontier Province, Baluchistan, east Rajputana, west Central India and the west Central Provinces in connection with the seven western disturbances which affected weather in north-west India.

The first western disturbance caused nearly general rain in the North-West Frontier Province on the 2nd and a few falls in Kashmir on the next day. The second gave local falls of rain or snow in Kashmir with a few falls in the North-West Frontier Province and the Punjab hills on the 6th and filled up over Sind on the same day. The next disturbance lay as a depression over the Punjab on the 9th morning and filled up after persisting there for two days. It was responsible for fairly widespread rain in Baluchistan on the 8th, in the North-West Frontier Province and Kashmir from the 8th to 10th and in the Punjab on the 9th, with local rain in the east and north Punjab on the 10th and 11th; a few falls also occurred in the southwest Punjab on the 10th, in Kashmir on the 11th and in the Punjab hills on the 8th and 12th. The fourth passed away eastwards through Kashmir after causing a few light showers in Baluchistan on the 13th and along the northwest frontier on the next day. The fifth western disturbance, which entered Baluchistan as a low pressure area on the 19th, moved to the north Punjab by the 24th and then filled up causing nearly general rain in the North-West Frontier Province on the 23rd and fairly widespread thunderstorm rain in the Punjab, the west United Provinces and Rajputana on the 24th; it also gave a few falls along the northwest frontier from the 20th to 22nd, in Baluchistan and the east and north Punjab on the 23rd, in Kashmir on the 23rd and 24th and in Sind on the latter date. The sixth disturbance entered Baluchistan as a low pressure area on the 24th and filled up over west Rajputana by the 26th; it gave local rain in Baluchistan on the 24th and fairly widespread rain from the Punjab-Kumaon hills to the Central Provinces on the 25th. The last western disturbance of the month entered Baluchistan on the 27th and filled up over the Punjab on the 30th; it caused nearly general rain in Baluchistan on the 26th and local rain there with a few falls in the North-West Frontier Province on the 27th and fairly widespread rain in the North-West Frontier Province and the Punjab on the 28th and 29th with local rain in Kashmir on the 29th and 30th. In the wake of this disturbance, scattered dust or thunderstorms occurred generally over northwest India on the 29th and nearly general thunderstorm rain along and near the Punjab-Kumaon hills on the 30th.

2. Thunderstorms caused fairly widespread rain in the west Central Provinces and Berar on the 23rd and 24th and in west Central India on the former date and local rain in Orissa on the 19th, 20th and 31st. A few thundershowers also occurred in the Bombay Deccan on the 2nd, in southeast Madras on the 3rd and 4th, in Malabar on the 16th, 22nd, 28th, 29th and 31st, in the Central Provinces on the 31st, in Orissa on the 17th and 30th, in Chota Nagpur on the 16th, in Bengal on the 2nd, from the 18th to 22nd and on the 24th and 31st, in Assam on the 3rd, 11th, from the 16th to 26th and on the 30th and 31st, in Upper Burma on the 14th, 17th, 18th, 20th and 29th and in Tenasserim on the 21st, 22nd, 24th and 25th. It is reported that during a nor'wester which swept over the villages of Saidabad, Rupsha, Nali, Neelgram, Darikanda and others in east Bengal on the 20th, four persons were killed, fifty persons were seriously injured and considerable damage was done to cattle and property.

3. The month's total rainfall was in large excess in the North-West Frontier Province, the east and north Punjab, east Rajputana, west Central India, Berar and the west Central Provinces, in moderate excess in Baluchistan and the southwest Punjab and normal in Orissa, the west United Provinces, east Central India and southeast Madras; it was in slight to moderate defect in Upper Burma, Assam, Kashmir, west Rajputana and the Bombay Deccan and in large defect elsewhere. Averaged over the plains of India, the month's rainfall was in defect by 19 per cent.

[Price 4 annas.]

4. Both maximum and minimum temperatures were above normal in the west United Provinces, the Punjab, Kashmir, Sind and Rajputana on the 7th, 8th and 9th and below normal in southeast Madras and the Madras Deccan on the 1st, 2nd and 3rd and in Rajputana and west Central India on the 14th, 15th and 16th. Maximum temperature was above normal in Gujarat between the 3rd and 9th, in Upper Burma and Assam from the 6th to 13th, in Bihar and the United Provinces from the 7th to 11th and in the Punjab, Kashmir and the North-West Frontier Province from the 20th to 23rd, while it was lower than usual in Hyderabad on the 1st, 2nd and 3rd, in Central India, Berar and the west Central Provinces on the 24th, 25th and 26th and in the west United Provinces, Rajputana, the Punjab, Sind and Baluchistan on the 25th, 26th and 27th. The month's mean maximum temperature was above normal in Assam, Bengal, Bihar, the United Provinces and Kashmir and below it in southeast Madras and the Madras Deccan; the mean minimum was above normal in Kashmir and Sind and below it in the north Madras coast.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was in moderate to large defect. Skies were less clouded than usual in Upper Burma. Humidity was in defect in the Bay Islands and Upper Burma.

Northeast India, including Orissa.—The total rainfall of the month was normal in Orissa, in moderate defect in Assam and in large defect elsewhere. Cloud amount was less than usual in Assam, Chota Nagpur and Bihar and humidity was in defect in Bengal, Chota Nagpur and Bihar. The month's mean maximum temperature was above normal in Assam, Bengal and Bihar.

The United Provinces, Central India and the Central Provinces.—Rainfall during the month was in large excess in west Central India, Berar and the west Central Provinces. It was normal in the west United Provinces and east Central India and in large defect in the east United Provinces and the east Central Provinces. Skies were more clouded than usual in the west United Provinces and less clouded in east Central India, Berar and the east Central Provinces. Humidity was in defect in the east United Provinces The month's mean maximum temperature was above normal in the United Provinces.

Northwest India.—The month's rainfall was in large excess in the east and north Punjab, the North-West Frontier Province and east Rajputana and in moderate excess in the southwest Punjab and Baluchistan. It was in moderate defect in Kashmir and west Rajputana and in large defect in Sind and Gujarat. Cloud amount was in excess in the North-West Frontier Province and in defect in Rajputana and Gujarat. Humidity was in excess in Baluchistan. Both mean maximum and minimum temperatures were markedly above normal in Kashmir; the minimum temperature was also above normal in Sind.

The Peninsula.—The total rainfall of the month was normal in southeast Madras, in moderate defect in the Bombay Deccan and in large defect elsewhere. Skies were more clouded than usual in Mysore, Malabar and southeast Madras and less clouded in the Bombay Deccan and Hyderabad. Humidity was in defect in the Bombay Deccan, the Madras Deccan and the north Madras coast. The month's mean maximum temperature was below normal in southeast Madras and the Madras Deccan and the minimum in the north Madras coast.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:

The 8th April 1932.

S. BASU,

for *Director-General of Observatories.*

	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	0·37	0·67	−0·30	−45	0·3	0	−3	−0·4
2. Assam ...	2·54	3·98	−1·44	−36	+2·9	0·8	−4	1·4
3. Bengal ...	0·79	1·68	0·89	−53	2·6	+1·0	−6	0·4
4. Bihar and Orissa ...	0·34	0·77	−0·46	−60	+1·7	0·5	7	0·7
5. United Provinces ...	0·34	0·50	0·16	−32	+2·3	+1·1	−6	0·4
6. Punjab ...	1·49	0·97	+0·52	54	+1·7	+1·7	3	0·3
7. North-West Frontier Province.	3·04	1·63	+1·41	87	+1·3	+1·9	+2	0·9
8. Sind ...	0·06	0·27	0·21	−78	+0·4	+2·1	+1	0
Division—*contd.*								
9. Rajputana ...	0·68	0·19	+0·49	258	+0·4	+0·5	0	−0·6
10. Bombay ...	0·04	0·10	0·06	−60	+0·3	+0·8	5	−0·3
11. Central India ...	0·29	0·23	+0·06	26	+0·1	+1·3	−1	−0·1
12. Central Provinces ...	0·56	0·55	+0·01	2	−0·9	−0·1	0	−0·3
13. Hyderabad ...	0·08	0·50	0·42	−84	−1·3	−0·6	−2	0·3
14. Mysore ...	0·05	0·36	0·31	−86	−0·1	0	2	−0·3
15. Madras ...	0·23	0·49	0·26	−53	−2·3	−0·9	−1	−0·7
Mean of India ...	0·59	0·73	−0·14	−19	+0·4	+0·4	−3	0·2

	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
Sub-division								
1. Bay Islands ...	0·36	0·74	−0·38	−51	−1·3	0·2	−7	+0·3
2. Lower Burma ...	0·39	0·79	0·40	−51	0·3	−0·2	2	−0·3
3. Upper Burma ...	0·34	0·50	0·16	−32	0·3	+0·2	−5	−0·6
4. Assam ...	2·54	3·98	−1·44	−36	+2·9	0·8	−4	1·4
5. Bengal ...	0·79	1·68	−0·89	−53	+2·6	1·0	−6	−0·4
6. Orissa ...	1·15	1·11	+0·04	4	0·4	+0·4	−3	−0·4
7. Chota Nagpur ...	0·09	1·01	0·92	−91	+1·2	0·9	8	−0·9
8. Bihar ...	0·02	0·53	−0·51	−96	+3·3	1·0	−11	1·0
9. United Provinces, East	0·01	0·37	−0·36	−97	2·5	+1·5	−7	−0·3
10. Do. do. West.	0·62	0·62	0	0	2·0	+0·7	−4	+0·5
11. Punjab, East and North	1·75	1·11	+0·64	58	+1·8	+1·6	−7	+0·3
12. Do. Southwest ...	1·05	0·72	+0·33	+46	+1·5	+1·9	+1	+0·2
13. Kashmir ...	2·14	3·98	−1·84	−46	+4·1	+5·1	+2	+0·2
14. North-West Frontier Province.	3·04	1·63	+1·41	+87	+1·3	+1·9	+2	+0·9
15. Baluchistan ...	1·98	1·39	+0·59	+42	+0·1	+1·7	+9	+0·6
16. Sind ...	0·06	0·27	−0·21	−78	+0·4	+2·1	+1	0
17. Rajputana, West ...	0·13	0·17	−0·04	−24	+0·4	+1·3	+3	−0·7
Sub-division—*contd.*								
18. Rajputana, East ...	1·05	0·19	+0·86	+453	+0·4	+0·1	−2	−0·5
19. Gujarat ...	0	0·09	−0·09	−100	+0·9	+1·3	−1	0·6
20. Central India, West ...	0·23	0·07	+0·16	+229	−1·1	−0·9	−1	0·3
21. Do. do. East ...	0·36	0·39	−0·03	−8	+1·3	+1·5	−2	0·5
22. Berar ...	1·32	0·34	+0·98	+259	−1·7	−0·1	+1	0·3
23. Central Provinces, West.	0·65	0·42	+0·23	+55	−1·3	−0·1	+1	0
24. Do. do. East.	0·05	0·85	−0·80	−94	+0·3	−0·3	−1	0·9
25. Konkan ...	0	0·03	−0·03	−100	+0·7	+0·7	−1	+0·3
26. Bombay Deccan ...	0·13	0·17	−0·04	−24	−0·8	−0·1	−7	0·3
27. Hyderabad, North ...	0·19	0·59	−0·40	−68	−1·3	+1·0	−1	0·3
28. Do. South ...	0	0·43	−0·43	−100	−1·4	−1·4	−3	0·3
29. Mysore ...	0·05	0·36	−0·31	−86	−0·1	0	−2	+0·3
30. Malabar ...	0·36	1·04	−0·68	−65	−1·3	−0·1	−2	+1·0
31. Madras, Southeast ...	0·40	0·43	−0·03	−7	−3·0	0	−3	+1·5
32. Do. Deccan ...	0	0·22	−0·22	−100	−2·8	−1·8	−6	−0·1
33. Do. Coast North...	0	0·37	−0·37	−100	−1·7	−2·2	−5	0·3

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·837	+ ·097	N 13 W	1·9	79·6	74·0	89·0	+ 1·3	93	30	76·5	+ 0·2	74	16	76	− 7	3·5	0·36	− 0·38	2	+ 1·0	0·25	2
Lower Burma																							
Victoria Point ...	29·748	+ ·008	N 49 E	5·7	80·2	75·1	89·4	− 0·9	91	7 days	76·2	+ 0·2	74	11,26	76	− 3	5·7	0·39	0·89	2	− 0·4	0·25	26
Mergui ...	29·831	+ ·006	E	...	76·3	74·1	88·3	− 2·7	92	17,21,25	72·8	+ 0·2	68	1	90	+ 7	0·2	3·45	+ 0·33	5	+ 0·4	1·15	10
Tavoy ...	29·896	+ ·010	N 11 W	2·5	76·5	71·1	95·0	+ 1·9	99	16	69·3	− 1·6	63	13	75	− 11	2·3	0·07	− 1·52	0	− 2·2	0·07	25
Amherst ...	29·839	...	S 26 E	6·9	81·0	74·0	88·9	...	91	4 days	73·8	...	70	7	70	...	3·0	0	...	0	...	0	...
Rangoon ...	29·884	+ ·013	S 34 W	3·0	75·3	71·8	91·8	+ 1·1	102	25	71·8	+ 0·6	67	5,9,11	84	− 1	3·6	0·01	− 0·31	0	− 0·6	0·01	22
Bassein ...	29·879	+ ·018	N 48 W	3·4	78·4	73·6	96·2	+ 2·0	101	25,26	71·0	− 0·1	66	11	78	− 6	2·1	0	− 0·17	0	− 0·2	0	...
Diamond Island ...	29·853	+ ·003	N 52 W	5·2	79·1	74·2	84·2	− 0·8	88	26	76·9	− 1·5	74	9	78	+ 2	2·1	0	− 0·17	0	− 0·2	0	...
Gwa ...	29·892	...	N 72 E	5·6	74·4	71·8	85·7	...	92	1	67·1	...	59	2,6	88	...	1·2	0	− 0·08	0	− 0·1	0	...
Toungoo ...	29·745	+ ·022	S 49 E	...	76·2	69·3	97·2		101	25,26,29	68·3	− 0·3	59	11	68	− 6	2·1	0	− 0·33	0	− 0·5	0	...
Kyaukpyu ...	29·882	+ ·009	N 82 E	3·7	77·7	74·1	84·6	− 0·7	89	30	71·7	− 1·6	65	2,3,5	84	− 6	3·5	0	− 0·29	0	− 0·5	0	...
Akyab ...	29·887	+ ·010	N 32 E	6·9	73·7	69·8	88·5	− 0·5	98	29	67·5	− 1·0	60	2	81	− 2	2·5	0	− 0·40	0	− 0·7	0	...
Upper Burma																							
Minbu	29·720	+ ·074	N 45 W	3·8	77·9	65·6	97·3	− 1·1	105	30	70·3	− 0·9	62	1,3	48	− 8	0·7	0	− 0·29	0	− 0·4	0	...
Yamethin ...	29·235	+ ·077	S 14 E	2·9	75·8	64·9	96·6	+ 1·2	102	29	68·2	− 0·5	58	2,3	52	− 10	1·0	0·12	− 0·25	1	+ 0·5	0·12	15
Mandalay ...	29·630	+ ·011	S 3 E	2·0	75·4	66·5	97·0	+ 1·1	104	30	69·2	− 0·9	60	2	62	+ 9	1·9	0·05	− 0·11	0	− 0·5	0·05	15
Monywa ...	29·624	+ ·073	N 28 W	3·0	75·8	64·5	97·8	+ 1·3	107	30	67·7	+ 0·1	61	1,2	51	− 7	0·5	0	− 0·35	0	− 0·9	0	...
Lashio ...	27·106	+ ·075	E	3·0	63·3	55·8	84·5	+ 1·1	91	30	55·7	− 0·2	48	2,3	61	− 9	2·5	0·06	− 0·53	0	− 1·3	0·06	19
Bhamo ...	29·521	+ ·018	N 25 E	2·3	67·4	62·3	88·0	− 0·1	96	28	59·5	− 0·1	51	1	71	− 8	2·7	0·52	− 0·23	2	− 0·1	0·20	21,30
Myitkyina ...	29·144	+ ·076	N 32 E	4·4	67·0	62·3	85·6	+ 1·1	92	26,28,29	61·0	− 0·1	55	1,22	76	− 3	3·5	1·63	− 0·69	4	+ 1·1	0·65	15
Assam																							
Dibrugarh ...	29·569	+ ·011	N 63 E	1·0	65·5	61·2	89·9	+ 3·1	89	25	60·7	+ 0·1	54	1,2	76	− 11	4·2	2·94	− 1·65	5	− 1·2	1·38	27
Sibsagar ...	29·607	+ ·030	N 56 E	4·1	66·1	63·7	82·8	+ 4·2	90	25	60·6	+ 0·8	54	2	87	− 4	4·7	2·41	− 2·37	5	− 4·3	0·65	20
Tezpur ...	29·660	+ ·018	N 59 E	3·9	69·1	63·4	86·1	+ 3·5	91	11,14	63·2	+ 1·4	55	1	72	− 9	1·8	1·87	− 0·41	4	− 1·1	0·71	27
Gauhati ...	29·713	+ ·097	N 82 E	2·8	68·7	64·1	88·4	+ 3·5	94	14,30,31	58·7	− 1·0	51	1	77	− 2	1·6	1·74	− 0·55	3	− 1·3	1·03	19
Dhubri ...	29·780	+ ·020	S 80 E	6·1	70·1	63·8	88·3	+ 2·4	98	29	64·5	+ 1·6	59	1,15	68	− 7	1·6	0·28	− 1·48	1	− 1·5	0·28	20
Silchar ...	29·832	+ ·022	N 83 E	2·3	68·2	64·8	87·9	+ 2·0	92	29,31	63·3	+ 0·2	57	4,5	82	+ 1	2·6	4·51	− 3·40	5	− 4·4	2·40	17
Srimangal ...	29·834	+ ·001	S 33 E	...	71·2	68·0	90·7	+ 1·6	97	13	63·3	+ 2·4	52	5	85	+ 1	2·6	4·00	− 0·25	6	+ 0·5	1·94	23
Bengal																							
Cox's Bazar ...	29·877	+ ·021	N 22 E	2·8	76·3	71·3	86·7	− 0·3	91	4 days	67·4	+ 0·3	59	2	77	− 6	2·7	1·05	− 0·47	1	− 0·7	0·95	21
Chittagong ...	29·826	+ ·016	S 84 E	5·8	73·1	68·7	88·6	+ 1·8	94	29	67·8	− 0·5	60	1,2	79	− 3	2·9	0·96	− 1·60	3	+ 0·2	0·40	19
Noakhali ...	29·879	+ ·010	N 63 E	4·7	76·1	72·2	88·5	− 2·1	97	12	71·5	− 3·8	64	1,5,9	81	− 3	3·2	2·07	− 0·58	5	+ 1·6	0·96	20
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·89	− 0·06	4	+ 0·3	1·51	26
Narayanganj ...	29·860	+ ·005	S 39 W	3·6	75·1	69·6	91·6	+ 2·2	99	12	68·8	+ 0·7	62	5	73	− 8	2·8	1·27	− 1·42	3	− 0·6	0·90	23
Mymensingh ...	29·842	+ ·021	N 79 E	1·0	71·6	67·7	91·2	+ 3·9	98	29	65·5	+ 0·9	60	2,3	80	+ 1	2·5	0·43	− 1·06	1	− 2·5	0·33	25
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·77	− 0·56	2	− 1·2	0·90	24
Barisal ...	29·874	+ ·007	S 63 W	3·8	74·5	70·9	91·3	+ 2·2	97	31	69·9	+ 1·2	62	6	83	0	2·7	2·17	− 0·05	2	− 1·6	1·46	21
Khulna ...	29·875	...	S 58 W	4·1	76·5	71·7	92·9	...	99	12,13,30	69·3	...	60	8	77	...	3·1	2·28	...	3	...	1·11	22
Jessore ...	29·860	+ ·015	S 32 W	3·4	76·0	71·5	93·3	+ 2·1	101	31	65·7	− 1·9	55	8	79	0	3·0	0·70	− 1·41	2	− 1·2	0·45	19
Satkhira ...	29·877	...	S 86 W	2·6	76·4	71·8	95·1	...	101	12,30,31	68·9	...	59	7,8	79	...	2·6	1·27	...	2	...	0·59	21
Calcutta ...	29·865	+ ·012	S 54 W	3·0	75·9	71·1	94·5	+ 3·5	100	4 days	71·4	+ 2·0	63	7,8	77	3	2·3	0·69	− 0·75	1	− 1·4	0·68	21
Saugor Island *a* ...	29·874	+ ·011	S 52 W	12·1	79·6	73·7	87·0	+ 0·1	97	27	75·2	+ 0·8	66	1	74	− 9	3·6	0·02	− 1·41	0	− 2·0	0·02	18
Sandheads ...	29·866	− ·016	S 54 W	...	80·4	76·0	...	...	...	...	...	...	...	...	80	− 2	1·3	0	− 0·76	0	− 1·2	0	...
Midnapore ...	29·741	+ ·020	S 72 W	2·7	77·3	67·2	96·9	− 2·2	103	12,29,30	70·5	+ 1·2	63	7,8	57	− 10	2·3	0·31	− 1·12	2	− 0·5	0·20	31
Burdwan ...	29·775	+ ·005	S 82 W	2·7	74·0	68·1	95·8	− 2·7	101	12,31	68·7	− 0·9	60	8	72	+ 4	2·3	0·01	− 1·66	0	− 2·6	0·01	25
*Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	− 0·92	2	− 0·1	0·46	19
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·25	0	− 2·2	0	...
Asansol ...	29·462	...	N 89 W	3·9	76·5	62·2	95·6	− 2·3	101	30	68·5	+ 1·9	62	5,6	40	18	2·1	0	− 1·20	0	− 2·2	0	...
Berhampore ...	29·823	+ ·019	S 41 W	2·1	77·5	67·1	96·5	+ 4·8	103	31	66·2	+ 0·6	59	4,7,8	55	− 14	2·3	0·07	− 1·00	0	− 2·0	0·06	19
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·20	0	− 2·0	0	...
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·21	+ 0·88	2	− 0·3	1·45	21
Bogra ...	29·827	+ ·025	S 45 E	2·7	73·2	64·7	93·8	+ 3·7	101	31	63·5	+ 0·4	56	1	61	− 12	2·3	1·21	− 0·03	1	− 1·1	1·21	23
*Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·71	0	− 1·3	0	...
Dinajpur ...	29·749	+ ·013	E	3·0	73·1	62·5	92·5	+ 3·5	100	29,31	61·6	+ 1·0	55	1,2	53	− 15	1·7	0	− 0·75	0	− 1·5	0	...
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	− 0·96	1	− 0·8	0·17	26
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·73	− 1·18	2	− 0·7	0·51	25
Jalpaiguri ...	29·619	+ ·025	N 39 E	2·8	70·0	63·5	89·4	+ 4·7	96	28	61·1	+ 1·3	53	14	68	− 9	1·6	0·23	− 1·13	1	− 1·4	0·15	25

* Reports only rainfall. *a*—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Mean 8 h. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in 24 hours.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·831	+·021	S 86 W	1·7	78·0	70·9	91·1	+ 1·8	101	30	70·0	- 0·7	62	7, 8	69	6	2·1	1·16	- 0·82	1	- 0·7	0·14	31
Chandbali	29·876	...	S 48 W	6·5	76·8	71·6	91·8	...	103	29	69·8	...	63	5 days	77	...	1·9	0·11	...	1	...	0·11	21
Puri	29·867	+·008	S 66 W	10·7	79·0	74·2	85·8	0·7	91	7	75·7	+ 0·4	67	5	78	- 5	3·4	0·01	- 0·51	0	1·1	0·01	21
Cuttack	29·812	+·021	S 66 W	2·6	76·7	70·6	97·3	+ 0·7	101	29	70·0	+ 2·4	64	4 days	73	5	2·3	3·66	+ 2·55	2	+ 0·4	3·12	20
Angul	29·149	+·017	N 62 W	3·0	73·7	66·7	95·5	+ 0·5	103	29	68·1	- 0·5	60	8	68	3	1·7	0·63	- 0·36	3	+ 0·8	0·25	31
Sambalpur	29·109	+·017	N 45 E	3·1	74·8	65·0	95·6	0·2	103	29	65·9	- 1·2	57	8	56	0	1·1	0·31	0·63	1	- 0·8	0·27	18
Chota Nagpur																							
Jamshedpur	29·511	...	N 86 W	2·4	73·2	63·9	95·5	...	102	21	64·9	...	57	7, 8	57	...	1·1	0·09	...	0	...	0·08	13
Chaibasa	29·151	+·027	S 45 W	2·5	75·0	66·7	91·4	+ 0·6	102	29	65·9	+ 0·7	58	7	62	0	1·9	0·35	0·65	2	- 0·1	0·13	1
Ranchi	27·743	+·031	N 56 W	3·4	71·6	58·4	88·7	+ 1·7	96	21	63·8	- 0·2	56	1	31	11	0·9	0	1·30	0	- 2·7	0	...
*Hazaribagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 1·01	0	- 2·0	0	...
Daltonganj	29·172	+·035	N 45 E	3·0	72·5	60·8	91·0	+ 1·3	100	21	61·3	+ 1·9	54	6	48	12	0·1	0	- 0·69	0	1·8	0	...
Bihar																							
Purnea	29·753	+·013	N 56 W	2·8	71·0	61·1	91·2	+ 1·9	99	31	60·8	+ 0·8	53	1	55	13	0·6	0	- 0·55	0	- 1·2	0	...
Darbhanga	29·701	+·003	N 72 W	5·4	72·8	62·5	91·8	+ 1·1	100	31	60·9	+ 0·7	51	1	53	10	0·7	0	- 0·50	0	- 1·2	0	...
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·17	0	- 1·1	0	...
Motihari	29·647	...	N 63 E	3·1	70·9	61·5	91·8	...	97	11,12,13	59·7	...	53	16	55	...	0·8	0	- 0·50	0	0·9	0	...
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·38	0	- 1·1	0	...
Patna	29·706	+·028	S 75 W	4·5	73·9	61·5	93·6	+ 1·1	101	31	66·8	+ 2·9	59	7	45	7	1·1	0	- 0·17	0	- 1·1	0	...
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·17	- 0·30	0	- 1·1	0·09	27
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·17	0	- 1·2	0	...
Gaya	29·522	+·028	S 19 W	3·2	77·2	60·9	95·3	+ 3·0	103	31	67·1	+ 1·4	60	6, 7	31	19	0·9	0	- 0·18	0	- 1·2	0	...
Naya Danka	29·394	+·025	N 83 W	2·7	76·9	62·9	91·6	+ 3·1	101	31	65·4	+ 0·8	58	8	42	8	0·3	0	- 1·01	0	- 1·8	0	...
Sabour	29·753	...	S 67 W	5·5	71·3	61·7	92·8	...	102	31	61·1	...	51	7	56	...	1·1	0	- 0·57	0	- 1·1	0	...
United Provinces, East																							
Gorakhpur	29·609	+·019	N 88 W	2·4	71·8	60·9	93·1	+ 3·5	100	11	62·5	+ 0·9	55	1, 6	50	- 7	2·0	0·02	- 0·37	0	- 0·8	0·02	31
Benares	29·633	+·021	S 62 W	3·9	74·0	60·0	93·1	+ 1·8	100	11	62·8	+ 1·5	57	1, 7	39	- 16	1·3	0·05	- 0·31	0	- 0·9	0·05	28
Allahabad	29·584	+·023	S 83 W	4·0	73·8	59·7	93·8	+ 1·9	101	23	62·2	+ 0·5	55	6, 13	39	- 8	1·7	0	- 0·31	0	- 0·8	0	...
Fatehpur	29·520	...	N 73 W	2·8	75·5	61·5	92·9	...	101	23	60·9	...	54	6, 11	40	...	1·3	0	...	0	...	0	...
Cawnpore	29·470	+·023	N 65 W	2·5	71·1	59·5	93·5	+ 3·6	102	23	63·3	+ 2·8	57	6, 13, 11	45	4	0·9	0	- 0·30	0	- 0·8	0	...
Lucknow	29·517	+·022	N 77 W	2·8	72·2	63·6	92·2	+ 1·6	99	23	62·5	+ 2·2	56	1, 6, 7	48	3	1·5	0	- 0·35	0	- 1·0	0	...
Bahraich	29·450	+·011	N 60 W	3·5	69·7	60·3	90·6	+ 2·8	97	11	59·9	+ 1·6	53	11	51	- 7	1·3	0	- 0·49	0	- 0·9	0	...
Gonda	29·529	...	N 50 W	1·2	68·8	59·6	91·2	...	97	10	60·9	...	54	1	56	...	1·7	0	...	0	...	0	...
United Provinces, West																							
Jhansi	29·078	+·015	N 41 W	1·4	74·6	58·9	92·9	+ 0·4	103	23	63·7	+ 1·7	55	11	34	- 8	2·1	0·25	- 0·04	1	+ 0·1	0·20	2
Agra	29·344	+·021	N 87 W	3·8	69·9	59·4	90·1	+ 0·2	102	23	57·9	- 2·1	48	13	50	- 10	2·6	0·72	+ 0·37	1	0	0·68	26
Mainpuri	29·372	+·025	N 62 W	3·0	72·0	60·6	91·7	+ 2·5	102	23	59·2	+ 0·6	51	6	48	- 4	2·8	0·65	+ 0·33	1	+ 0·1	0·62	26
Aligarh	29·284	...	N 54 W	3·7	70·0	59·0	90·5	...	99	23, 25	61·1	...	53	13	49	...	1·5	0·28	...	1	...	0·27	26
Bareilly	29·313	+·037	N 89 W	2·7	67·4	57·9	89·6	+ 2·6	98	23	60·4	+ 1·9	53	6	53	- 9	2·7	0·40	- 0·28	2	+ 0·6	0·28	31
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·88	+ 0·26	3	+ 1·1	0·36	25
Roorkee	28·980	+·032	E	3·1	65·5	56·6	86·2	+ 2·0	95	23	56·0	+ 0·7	48	15	51	- 8	2·7	0·63	- 0·22	2	+ 0·3	0·31	25
Dehra Dun	27·637	+·030	N 3 E	2·6	60·8	52·2	83·5	+ 4·2	92	23, 24, 25	55·2	+ 0·6	47	13	54	- 4	3·9	0·79	- 0·46	3	+ 0·2	0·38	31
Punjab, East and North																							
Delhi	29·177	+·010	S 70 W	4·0	67·2	57·4	87·9	...	100	23	60·5	...	52	12	50	...	3·1	0·72	+ 0·20	2	+ 0·6	0·40	25
Hissar	29·180	+·032	S 61 W	3·5	67·0	57·7	87·9	+ 0·9	99	23	58·1	+ 1·4	47	12, 13	53	- 4	1·8	1·80	+ 1·38	5	+ 4·1	0·70	26
Ambala	28·978	+·022	N	4·1	68·3	57·3	87·3	+ 3·9	98	23	59·8	+ 3·8	52	13	47	- 16	3·2	2·25	+ 1·35	3	+ 0·9	0·95	31
Ludhiana	29·075	+·028	N 73 W	1·5	65·0	57·2	85·7	+ 2·8	98	25	56·8	- 0·2	47	13	58	- 4	3·6	0·54	- 0·52	1	- 1·1	0·10	31
Lahore	29·190	+·024	N 26 E	2·5	65·4	58·1	83·7	+ 0·4	98	23	55·9	+ 1·3	47	13	61	- 5	3·3	0·82	- 0·04	4	+ 2·1	0·24	10
Sialkot	29·060	+·023	N 8 W	2·3	62·8	57·3	80·7	+ 0·3	95	23	56·0	+ 1·4	49	13	69	0	3·9	1·73	+ 0·15	6	+ 2·8	0·64	12
Rawalpindi	28·219	+·015	N 50 W	3·3	61·3	54·0	77·5	+ 2·5	87	23	52·1	+ 1·8	46	2	59	- 10	4·8	4·40	+ 1·96	7	+ 2·3	2·33	27

* Reports only rainfall.

a—Mean of 30 days.

STATION.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab	29·289	·041	N 15 E	5·9	67·9	59·6	84·2	3·6	96	23	58·2	2·1	48	13	53	2	3·9	0·79	0·36	2	0·6	0·56	25
Lyallpur	29·309	·038	N 17 E	3·3	65·4	57·8	82·6	1·1	94	22	56·6	3·2	49	12, 13	61	7	4·0	1·32	0·52	2	0·3	0·70	10
Montgomery	29·338	·029	N 41 E	2·9	64·8	58·7	84·5	0·5	95	23	57·5	1·8	47	12	68	16	3·4	0·50	0·01	3	1·5	0·20	20
Multan	29·189	·026	N 6 W	2·3	69·3	59·5	86·5	1·0	98	23	59·1	0·7	48	12	52	6	3·0	1·57	1·11	4	2·9	0·80	10
Bahawalpur	29·527	...	N 78 E	3·2	67·5	59·9	87·1	...	97	22, 23	57·1	...	47	12, 13	62	...	1·8	0·26	...	1	...	0·18	29
Khanpur	29·629	...	N 27 E	1·5	65·9	56·5	88·8	...	102	21	56·2	...	43	12	61	...	1·7	1·10	...	2	...	0·66	25
Kashmir																							
Srinagar	24·959	·064	S 74 E	1·2	41·6	43·0	58·0	1·8	69	20	40·6	3·9	36	5	89	0	6·3	3·67	0·04	10	2·0	0·91	10
*Sonamarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·27	8·17	8	6·6	2·09	10
Dras	20·824	·070	Calm	1·7	16·8	15·9	...	...	...	...	9·9	7·0	11	1	88	3	6·1	2·69	1·51	5	5·8	1·15	10
Leh	19·722	·088	S 2 E	2·0	31·4	27·1	45·0	0·5	54	31	25·3	1·1	17	5	63	10	6·8	0·07	0·21	0	1·0	0·05	13
Skardu	22·972	·100	Calm	2·3	42·4	38·6	56·9	7·0	66	27, 28	37·2	1·8	31	2, 5	71	4	5·3	0·13	0·70	1	1·8	0·11	10
Gilgit	25·133	·023	S 79 W	1·7	55·5	48·1	69·0	7·1	78	21, 27	50·1	5·6	41	4, 11	56	8	7·1	0·01	0·49	0	1·6	0·01	7
North-West Frontier Province																							
Peshawar	28·767	·010	S 5 W	2·8	60·7	56·1	76·9	2·4	87	19, 21	51·1	2·0	48	12	71	7	6·1	4·76	2·51	7	2·6	1·11	10
Miranshah	27·003	...	S 15 W	1·2	51·7	46·5	65·3	...	74	9, 20	43·9	...	38	17	67	...	0·6	3·37	...	7	...	1·10	11
Dera Ismail Khan	29·356	·035	N 2 W	2·5	66·1	58·9	82·0	0·2	94	22	56·9	1·8	48	13	63	3	4·5	1·32	0·30	5	2·7	0·46	10
Baluchistan																							
Fort Sandeman	25·129	·051	S 45 E	3·2	48·9	44·1	68·0	2·7	81	20	45·5	1·1	36	11	66	7	3·2	1·90	0·32	6	2·5	0·80	9
*Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·48	0·13	2	1·7	0·90	28
Quetta	24·701	·008	S 32 E	1·5	45·0	40·3	65·1	2·0	78	24	40·6	0·3	28	10	67	12	5·5	1·23	0·65	4	1·0	0·46	27
Chaman	25·697	·021	S 52 E	1·4	51·8	45·1	66·9	2·0	79	24	48·3	3·6	34	10	59	1	4·9	4·02	2·37	9	4·5	1·33	25
Kalat	23·698	·021	S 5 W	6·0	39·8	38·9	61·3	0·8	77	1	33·4	0·1	22	11	92	25	2·3	2·55	1·48	5	1·8	0·76	27
Dalbandin	27·115	·005	W	2·1	54·3	47·5	77·1	0·1	89	29	49·6	2·6	31	11	57	0	3·3	0·68	0·10	3	1·0	0·31	25
Las Bela	29·663	...	N 26 W	2·9	72·3	66·5	91·2	...	103	28	59·7	...	47	12	72	...	2·4	0·93	...	2	...	0·67	1
Sind																							
Jacobabad	29·709	·008	S 65 E	3·5	70·7	58·9	89·9	0·7	101	21	62·0	2·2	51	1, 11	45	1	1·5	0·69	0·15	0	0·7	0·65	27
Sukkur	29·729	...	N 66 E	1·2	68·2	58·1	88·9	...	100	21	62·6	...	53	11, 12	50	...	1·0	0·17	...	1	...	0·10	24
Chor	29·904	...	S 6 E	1·9	72·8	62·6	96·3	...	105	20	59·6	...	45	12	54	...	2·7	0	...	0	...	0	...
Hyderabad	29·836	·031	N 64 W	4·9	71·6	63·5	93·4	1·1	101	20	65·1	1·3	56	13	51	1	2·6	0·08	0·16	0	0·6	0·06	1
Karachi	29·921	·012	N 50 W	8·9	73·9	68·9	82·6	0·8	93	5	70·5	2·9	64	10	76	6	2·9	0	0·33	0	0·7	0	...
Badin	29·881	...	N 81 W	5·5	73·8	67·9	93·8	...	103	20	61·1	...	57	10, 12	72	...	1·3	0·11	...	1	...	0·11	25
Rajputana, West																							
Bikaner	29·152	·056	S 10 E	4·5	69·0	56·8	87·7	1·0	98	22	64·1	1·1	53	12	43	0	1·6	0·23	0·03	1	0·4	0·13	25
Jodhpur	29·133	·029	N 37 E	4·1	71·8	57·6	92·7	1·8	102	21	64·3	1·6	51	12	38	6	2·2	0·01	0·05	0	0·2	0·01	30
Barmer	29·252	...	N 12 W	4·5	72·4	63·3	91·2	...	100	21	65·1	...	49	12	58	...	1·2	0·15	...	1	...	0·15	30
Rajputana, East																							
Jaipur	28·499	·046	N 44 E	2·8	74·2	59·5	90·7	1·6	100	22, 23	61·2	0·7	51	12, 13	39	2	0·7	0·78	0·41	2	1·1	0·59	25
Ajmer	28·311	·032	S 7 W	3·0	70·1	56·8	87·3	0·9	98	22	59·9	0·4	49	12, 13	40	8	1·9	2·05	1·86	2	1·3	1·67	25
Kotah	29·078	·023	N 39 W	2·5	76·0	61·0	93·1	0·4	102	22	65·4	0·5	57	12, 13	37	3	2·2	0·28	0·16	1	0·7	0·28	25
Jhalrapatan	29·865	...	N 53 E	2·9	72·9	58·6	92·3	...	100	22, 23	61·7	...	52	13	37	...	1·1	0·12	...	0	...	0·08	24
*Udaipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·01	0·06	0	0·3	0·04	25
Gujarat																							
Deesa	29·448	·017	N 31 E	4·3	77·5	60·2	97·6	1·8	101	21	62·5	0·6	50	12	30	10	0·5	0·03	0·05	0	0·2	0·02	30
Bhuj	29·571	·011	N 65 W	4·1	71·7	66·8	93·1	0·2	99	20	66·3	1·5	56	12	64	3	0·9	0	0·12	0	0·2	0	...
Dwarka	29·908	·010	N 31 W	10·3	76·6	69·8	83·4	1·5	97	5, 6	72·3	1·8	64	12	69	5	2·6	0	0·20	0	0·4	0	...
Rajkot	29·490	·016	N 38 W	5·6	73·5	64·5	95·3	0·4	101	20	64·8	2·9	53	12	59	2	1·4	0	0·07	0	0·1	0	...
Veraval	29·922	·029	N 5 W	6·6	75·7	66·6	87·4	2·5	100	8	67·4	1·9	61	1	60	5	1·0	0	0·07	0	0·2	0	...
Surat	29·888	·016	N 15 E	3·1	75·1	66·4	98·0	2·1	105	8	68·1	1·7	60	13	62	0	0·9	0	0·02	0	0·1	0	...
Bhavnagar	29·885	·023	N 26 W	3·5	75·4	62·9	95·5	0·4	102	30	66·1	0·3	57	12	46	9	0·8	0	0·10	0	0·2	0	...
Ahmadabad	29·770	·024	N 1 E	3·7	77·0	62·0	95·6	1·3	102	21	68·4	1·2	57	12	38	6	0·6	0	0·08	0	0·3	0	...
Dohad	29·924	...	S 78 E	3·2	72·1	59·9	95·3	...	101	21, 22	62·4	...	50	13	46	...	0·8	0	...	0	...	0	...

* Reports only rainfall.
† Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time).
a—Mean of 30 days. *b*—Mean of 29 days. *c*—Mean of 28 days. *j*—Mean of 21 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	As 8 h., reduced to 32 and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean at 8 h.	Departure from normal.	Mean amount at 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in 24 hours.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	... 28·500	+ ·033	N 48 E	3·9	74·9	61·4	90·4	0·4	98	22	61·2	0·1	50	12, 13	13	4	1·5	0·13	0·05	0	0·3	0·05	25
Indore	... 28·693	+ ·023	N 61 E	2·9	72·9	57·5	90·4	1·8	98	22, 23	58·5	2·0	48	13	31	6	1·0	0·32	0·26	1	0·9	0·23	24
Bhopal	... 28·275	...	N 72 E	3·4	74·6	58·9	91·2	...	100	23	61·7	...	51	13	36	...	1·6	0·61	...	2	...	0·40	26
Guna	... 28·353	...	S 70 E	2·7	71·4	53·4	90·7	...	100	23	59·0	...	49	13	48	...	1·3	0·25	...	1	...	0·25	24
Central India, East																							
Nowgong	... 29·155	+ ·032	S 62 W	2·3	71·1	60·0	92·4	+ 1·0	102	23	58·6	1·7	50	13	49	0	2·0	0·26	0·02	1	0·3	0·23	27
Satna	... 28·850	+ ·027	S 59 W	3·2	71·9	58·2	91·8	+ 1·5	100	23	60·1	+ 1·1	53	6, 7	39	1	1·6	0·46	+ 0·02	2	+ 0·9	0·35	26
Umaria	... 29·405	...	N 81 E	...	72·0	60·3	90·5	...	99	23, 24	58·5	...	50	7	47	...	1·6	0·45	...	1	...	0·44	2
Berar																							
Akola	... 28·972	+ ·020	S 64 W	4·3	74·9	60·7	97·1	− 1·7	105	23	65·2	0·6	57	11	49	7	1·0	1·68	1·31	2	1·3	1·19	25
Amraoti	... 28·678	+ ·019	N 60 E	1·4	77·5	60·0	95·8	− 1·8	102	23	69·6	0·5	63	3	32	4	1·6	0·96	+ 0·65	1	0·2	0·90	24
Central Provinces, West																							
Khandwa	... 28·861	+ ·026	N 13 W	3·7	75·2	60·2	96·5	− 0·7	104	22, 23	62·8	− 1·9	54	7, 15	37	2	1·0	1·12	0·98	3	2·6	0·80	25
Hoshangabad	... 28·927	+ ·031	S 80 E	3·0	74·2	60·5	93·2	− 1·6	102	23	64·7	3·3	59	5 days	42	10	1·6	0·58	+ 0·33	2	+ 1·5	0·30	25
Saugor	... 28·411	+ ·014	S 73 E	3·3	74·7	57·7	89·4	− 1·5	99	23	64·4	− 0·3	58	2	31	− 1	1·3	0·56	+ 0·21	2	+ 1·2	0·28	24
Jubbulpore	... 28·586	+ ·018	S 14 E	2·4	70·3	59·5	91·2	− 0·6	100	23, 24	60·2	− 0·3	52	7	50	− 2	1·8	0·23	− 0·31	1	− 0·5	0·18	24
Seoni	... 27·881	+ ·028	N 7 W	3·4	73·6	58·8	89·9	− 2·4	97	4 days	62·3	− 0·2	54	7	37	4	1·6	1·04	0·37	2	+ 0·2	0·80	24
Nagpur	... 28·879	+ ·029	N 56 E	3·2	74·9	60·4	96·3	− 1·4	102	21, 29, 30	66·3	− 0·9	60	9, 11	38	− 1	1·8	0·38	− 0·44	1	− 0·3	0·29	24
Central Provinces, East																							
Pendra	... 27·866	+ ·020	S 82 W	3·5	74·0	60·0	87·9	− 2·4	97	24	62·2	+ 0·7	54	1	44	0	1·6	0·21	1·13	0	− 2·8	0·08	18
Raipur	... 28·911	+ ·013	N 42 E	3·0	77·7	61·8	95·7	− 0·4	103	21, 29	67·7	− 0·3	58	1, 2	36	− 7	0·5	0	0·69	0	1·6	0	...
Kanker	... 28·582	...	N 33 E	3·7	73·0	63·0	93·4	...	100	31	62·9	...	54	1, 8	56	...	1·8	0·18	...	1	...	0·15	1
Chanda	... 29·257	+ ·016	S 85 E	3·2	78·4	66·2	97·0	− 2·2	105	29	66·2	0·7	55	8	50	5	0·5	0	0·99	0	1·3	0	...
Jagdalpur	... 28·678	+ ·001	S	1·3	74·9	65·2	91·4	− 0·6	100	30, 31	64·4	0·9	51	2	58	− 3	0	0	− 0·45	0	− 1·4	0	...
Konkan																							
Bombay	... 29·871	+ ·001	N 76 E	7·4	77·9	72·4	88·5	− 2·7	96	7	73·5	+ 1·9	70	13	73	− 1	1·0	0	− 0·07	0	0·1	0	...
Ratnagiri	... 29·691	+ ·007	N 14 E	7·1	79·5	69·8	86·8	− 0·3	94	4	73·4	+ 1·4	68	1	60	− 8	0·5	0	− 0·01	0	0	0	...
Marmagao	... 29·710	+ ·025	N 80 E	7·5	78·7	73·4	85·8	...	90	4	72·8	...	69	5	76	...	1·0	0	− 0·02	0	− 0·1	0	...
Karwar	... 29·862	+ ·010	N 33 E	3·0	73·7	71·4	87·4	− 0·3	90	4	70·9	+ 1·2	65	5	88	+ 5	2·9	0	0	0	0	0	...
Bombay Deccan																							
Malegaon	... 28·483	+ ·024	N 77 W	2·7	74·5	58·7	95·8	− 1·8	101	4 days	61·3	+ 1·8	51	13	35	− 5	1·7	0·59	+ 0·52	4	+ 3·7	0·26	25
Ahmednagar	... 27·765	+ ·016	N 29 W	3·2	76·3	58·4	94·5	− 0·3	101	23	64·8	2·3	59	4 days	29	− 12	0·9	0	0·16	0	− 0·3	0	...
Poona	... 28·083	+ ·018	S 36 W	3·0	73·8	61·0	95·9	− 1·2	102	22	61·9	0·2	56	13, 11, 15	45	− 7	0·5	0·03	− 0·03	0	0·2	0·03	25
Sholapur	... 28·322	+ ·015	N 74 E	4·5	80·2	62·4	97·4	− 0·8	102	4 days	68·6	0·5	62	2	32	− 1	0·5	0	0·19	0	− 0·4	0	...
Miraj	... 28·095	...	N 83 E	4·3	76·0	61·3	96·5	...	101	30, 31	64·1	...	60	2	40	...	0	0·11	...	1	...	0·11	2
Bijapur	... 27·951	+ ·014	N 80 W	3·2	78·5	60·7	95·7	− 1·3	102	30	70·7	0·6	65	4	32	− 15	0·5	0·15	0·11	1	+ 0·2	0·15	22
Belgaum	... 27·359	+ ·016	S 72 E	2·9	73·4	60·4	91·3	+ 0·6	100	23	63·6	− 0·1	60	4 days	41	− 2	0·4	0	0·27	0	− 0·7	0	...
Gadag	... 27·772	...	S 85 W	3·7	76·8	66·8	96·3	...	102	31	68·4	...	60	1, 3	58	...	0·1	0	...	0	...	0	...
Hyderabad, North																							
Aurangabad	... 28·022	+ ·018	S 88 E	5·6	77·4	58·7	94·1	− 1·8	99	21, 22, 23	68·2	2·2	61	15	29	− 2	0·9	0·21	− 0·03	1	+ 0·5	0·20	25
*Parbhani	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	− 0·70	1	− 0·3	0·30	23
Nizamabad	... 28·667	+ ·027	N 22 E	1·4	77·0	64·3	97·6	− 0·7	104	30	68·1	− 0·2	61	8	48	+ 1	1·1	0	0·47	0	− 0·9	0	...
Hyderabad, South																							
Gulbarga	... 28·400	+ ·028	S 53 E	5·6	80·8	63·5	97·1	− 2·3	104	31	69·6	− 0·9	60	1	31	− 10	0·8	0	− 0·37	0	− 0·7	0	...
Raichur	... 28·598	+ ·044	S 11 E	6·1	81·5	67·6	98·0	− 0·6	105	31	73·9	+ 0·1	65	1, 2	47	0	0·4	0	− 0·24	0	− 0·5	0	...
Hyderabad	... 28·198	+ ·037	S 28 E	2·9	77·7	65·4	94·5	− 2·2	103	31	66·0	− 1·1	60	2, 8	49	− 6	1·0	0	− 0·72	0	− 1·0	0	...
Hanamkonda	... 29·026	+ ·025	S 52 E	4·8	75·4	66·8	95·6	− 0·4	103	30	70·2	− 0·6	65	1	62	+ 6	2·2	0	− 0·39	0	− 0·7	0	...
Mysore																							
Chitaldrug	... 27·512	+ ·014	S 20 W	4·1	79·1	65·5	95·4	+ 0·8	100	31	70·3	− 0·1	65	2	46	− 3	0·8	0	− 0·25	0	− 0·6	0	...
Bangalore	... 26·935	+ ·016	S 31 E	4·4	72·8	64·3	90·4	− 0·7	97	31	64·4	− 0·4	57	3	61	− 2	1·9	0·04	− 0·46	0	− 0·9	0·04	30
Mysore	... 27·413	+ ·008	S 16 E	3·5	73·5	66·2	93·1	− 0·4	99	31	67·6	+ 0·2	60	3	66	− 2	2·7	0·12	− 0·22	1	+ 0·4	0·12	28
Malabar																							
Mangalore	... 29·834	+ ·014	N 73 E	5·0	80·8	74·6	89·0	− 0·7	95	5	75·4	+ 0·3	70	4	74	+ 2	2·8	0	− 0·08	0	− 0·2	0	...
Calicut	... 29·880	+ ·021	E	5·3	82·2	75·2	88·4	− 1·4	91	5 days	75·5	− 0·5	71	4	71	− 6	2·7	0	− 0·47	0	− 0·7	0	...
Cochin	... 29·895	+ ·018	N 53 E	4·8	83·3	76·1	88·4	− 2·9	90	4 days	77·8	+ 0·5	73	3	71	− 5	3·5	0·33	− 1·67	2	− 0·8	0·16	17
Trivandrum[a]	... 29·676	+ ·001	N 11 E	3·1	79·9	74·7	87·6	0	90	24, 26, 28	76·0	− 0·5	73	2, 3, 4	78	+ 1	3·4	1·11	− 0·51	2	− 0·6	0·93	29

* Reports only rainfall. *a*—Mean of 30 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0·95	0	1·9	0	...
Pamban	...	29·873	·023	N 57 E	4·9	81·8	75·5	87·4	1·5	90	4 days	77·0	+0·6	74	19, 20	73	−4	4·7	0·05	−0·48	0	1·3	0·05	5
Madura	...	29·412	·011	N 37 E	4·4	77·5	72·0	93·8	−2·6	98	14, 30	74·5	+1·3	69	3	75	+2	5·7	0·09	−0·42	0	0·8	0·07	5
Negapatam	...	29·888	·026	N 64 E	8·4	80·4	74·3	85·7	3·2	89	29	76·3	+0·3	71	3, 5, 8	74	−2	6·3	2·85	+2·51	2	1·3	2·58	4
Trichinopoly	...	29·668	·020	N 33 E	3·0	80·6	73·6	91·4	−3·3	99	14, 31	72·9	+0·1	66	3	70	−3	4·2	1·00	+0·57	2	1·4	0·63	4
Coimbatore	...	28·569	·016	N 45 E	2·9	77·5	69·9	92·2	3·9	96	4 days	70·9	+1·0	65	3, 7	67	−11	4·2	0	−0·48	0	1·0	0	...
Salem	...	28·991	·013	N 51 E	6·9	77·9	70·7	95·1	3·1	99	11, 15, 30	70·9	−0·2	63	3	69	4	2·5	0	−0·48	0	0·9	0	...
Cuddalore	...	29·889	·030	N 34 W	1·4	79·8	74·8	86·9	−2·2	91	29	71·8	−0·7	67	8	78	−4	4·4	0	0·17	0	0·3	0	...
Vellore	...	29·205	·008	S 61 W	3·2	71·3	69·6	88·8	−6·0	95	22, 30	68·6	−1·1	62	8, 9	79	+2	3·0	0	−0·24	0	0·3	0	...
Madras	...	29·893	·015	S 57 W	7·4	79·3	73·7	88·6	−1·2	91	29	70·7	−1·6	66	9, 13	76	−3	3·1	0	−0·19	0	0·3	0	...
Madras, Deccan																							
Cuddapah	...	29·483	·041	S 41 E	8·0	83·2	72·9	98·8	−2·7	106	31	73·1	−1·7	65	10	58	−1	1·2	0	−0·21	0	0·2	0	...
*Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·22	0	0·1	0	...
Bellary	...	28·420	·022	S 23 E	3·1	80·7	65·0	97·0	−3·3	103	31	70·8	−1·4	61	1	41	−6	1·1	0	−0·20	0	0·6	0	...
Kurnool	...	28·979	·036	S 72 E	1·3	79·9	65·1	98·0	−2·1	103	31	69·3	−2·4	58	10	41	−12	1·0	0	−0·26	0	0·6	0	...
Madras Coast, North																							
Nellore	...	29·846	·028	S 10 E	3·8	78·8	73·0	91·2	−3·7	97	28	71·6	−1·1	68	1, 2, 13	74	−7	2·0	0	−0·15	0	0·3	0	...
Masulipatam	...	29·916	·023	S 11 W	3·5	78·6	73·8	87·4	−3·6	91	13, 29, 30	69·9	−2·5	66	5 days	78	−4	1·7	0	−0·28	0	0·3	0	...
Cocanada	...	29·907	·026	N 87 W	3·1	78·9	71·2	91·7	−0·3	99	30	70·7	−3·0	65	1	67	−11	2·3	0	−0·46	0	0·7	0	...
Vizagapatam	...	29·782	·014	N 62 W	4·0	76·8	70·9	85·2	−2·1	91	30	71·6	−3·1	65	1, 2, 3	73	0	2·7	0	−0·30	0	0·5	0	...
Calingapatam	...	29·900	·021	S 88 W	7·5	77·0	71·8	90·3	−1·0	97	30	70·8	−1·9	63	1, 2	77	−2	2·3	0	−0·46	0	0·6	0	...
Gopalpur	...	29·846	·026	W	9·8	77·0	71·7	87·0	0·2	91	7	71·4	−1·7	63	1	75	−3	2·0	0·02	−0·52	0	1·1	0·02	21
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo	...	26·412	·084	S 45 W	1·2	66·4	57·9	82·4	−1·3	89	30	51·8	+1·2	44	2	59	−13	1·6	0·05	−0·41	0	0·9	0·03	16
Haka	...	21·417	...	S 29 W	...	56·4	48·6	70·6	...	77	26	51·4	...	45	4 days	59	...	0·2	0·48	...	3	...	0·20	19
Kanpetlet	...	23·955	...	N 70 E	...	62·9	50·6	71·6	...	78	26, 30	52·6	...	43	1	42	...	2·2	0	...	0	...	0	...
Shillong	...	25·138	·011	S 52 W	3·7	62·9	52·3	71·2	−1·2	78	13, 30	51·9	+1·1	43	2	46	−7	1·3	1·54	−0·39	5	0·7	0·37	20
Cherrapunji	...	25·701	·031	S 23 W	7·6	63·2	55·8	69·8	−2·0	74	31	56·2	+2·3	51	9, 20	61	−8	2·2	1·31	8·07	2	5·3	0·75	20
Darjiling	...	22·993	·030	S 76 E	1·0	50·7	45·8	57·7	−1·2	63	5 days	44·9	−2·6	38	1	69	−4	2·5	1·06	−0·78	4	0·2	0·30	23
Kalimpong	...	25·998	...	N 54 W	7·3	60·3	53·5	70·6	...	75	6 days	55·4	...	49	3	61	...	2·0	0·40	...	2	...	0·20	23
Mukteswar	...	22·852	·048	N 50 W	6·2	50·4	41·5	60·5	−1·0	67	4 days	45·7	+3·6	38	31	45	−3	3·9	2·05	−0·41	5	0·5	0·51	26
Mussoorie	...	23·879	·062	N 76 E	1·0	52·4	43·5	64·2	−0·9	70	23, 24	46·5	+1·2	38	2, 13, 31	47	−4	5·4	2·21	...	4	...	0·90	31
Simla	...	23·108	·043	S 44 E	3·2	52·2	44·1	59·3	−2·8	68	22, 23, 24	45·5	+2·4	39	31	37	−3	3·7	1·36	−1·31	5	0	0·38	10
*Dharampore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·40	...	7	...	1·02	31
*Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·19	...	9	...	2·20	12
Murree	...	23·232	...	S 84 E	1·8	48·4	39·6	56·4	−0·2	67	23, 24	41·7	−0·4	31	12	41	−11	4·8	6·38	+1·51	12	4·8	1·32	10
Cherat	...	25·756	·062	N 11 W	12·2	54·3	46·5	62·2	−1·8	71	23	50·4	+3·3	49	11	53	−3	5·1	6·85	+2·48	6	0·1	1·85	10
Parachinar	...	24·480	·069	S 72 W	1·4	49·5	42·9	60·6	−1·6	71	21	40·6	+2·3	29	11	59	−3	6·2	6·76	+2·22	12	3·1	1·25	11
Drosh	...	...	...	E	1·9	46·4	41·4	61·5	−3·5	75	31	43·6	+3·9	31	10	64	3	4·5	6·24	+2·82	7	0·4	2·60	10
Mount Abu	...	26·065	·026	N 30 W	3·8	69·4	52·7	76·8	−0·4	84	21, 22	60·7	−0·4	54	12	29	−6	2·2	0·11	−0·06	1	0·6	0·11	30
Pachmarhi	...	26·491	·045	S 54 E	2·3	73·1	57·4	83·6	−0·5	91	22, 23	56·2	−3·6	47	7	36	−2	2·6	1·53	+1·05	3	1·9	0·56	25
Mahableshwar	...	25·560	...	E	...	71·0	55·4	83·1	...	88	30	64·2	...	39	1, 2, 25	34	...	0·4	0	...	0	...	0	...
Mercara	...	26·206	·007	N 76 E	4·5	68·4	62·4	82·8	−1·7	87	23	61·6	+0·3	58	12	71	+2	1·9	1·48	−0·87	2	0·5	1·30	17
Kodaikanal	...	22·811	·010	N 42 E	7·5	56·7	46·7	65·3	−3·9	70	30	48·9	+1·5	42	3	47	+1	2·0	0·77	−1·26	4	0·8	0·26	30
Coonoor	...	23·486	...	S 15 E	3·0	61·4	54·6	71·7	...	76	22, 23, 31	50·5	...	45	3, 8	53	...	1·2	0·08	...	0	...	0·06	28
Ceylon																							
Colombo	...	29·865	·009	N 66 E	3·6	76·8	74·1	88·1	−1·5	92	6	73·7	−0·8	69	2	88	+4	5·6	2·59	−1·84	5	1·0	0·74	29
Trincomalee	...	29·785	·042	S 76 E	4·7	78·7	74·6	84·5	−4·7	88	15	76·4	+0·5	72	19	82	−3	5·1	1·31	−0·31	2	0·4	0·70	26
Hambantota	...	29·803	·020	N 27 E	11·6	77·6	73·7	86·4	−0·6	90	6, 7	73·5	−0·6	70	1	82	−8	4·4	2·93	−0·69	4	1·1	1·95	16
Nuwara Eliya	...	24·680	...	...	...	52·5	51·0	70·0	...	73	14, 24, 25	45·3	...	34	23	91	...	3·8	1·81	...	6	...	0·54	16
Arabia																							
†Aden	...	29·870	·043	N 64 E	8·8	77·6	72·4	86·7	−3·3	91	22, 29	74·9	−0·4	71	5, 10	77	0	6·1	0	−0·48	0	0·6	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *a*—Mean of 30 days.

Y. P. P.—S 36—460—29-4-32

MONTHLY WEATHER REPORT

FOR

April 1932

(Supplement to the Indian Daily Weather Report for the 20th May 1932)

Published by order of the Governor-General in Council

Summary.—Less than the normal amount of precipitation over the country except in Burma, Bihar, the west United Provinces, east Central India, the Bombay Deccan and southeast Madras.

Of the six western disturbances, which entered northwest India, the first filled up over the north Punjab, causing local rain in the North-West Frontier Province on the 3rd and in Kashmir on the 3rd and 4th, with a few falls in the North-West Frontier Province on the 2nd, in the east and north Punjab on the 3rd and in Kashmir on the 5th. The second disturbance passed away eastwards through Kashmir and gave a few falls of rain there on the 6th. The next caused a few thundershowers in the North-West Frontier Province, the east and north Punjab and Kashmir on the 16th and in the Punjab Kumaon hills on the next day with scattered duststorms in the North-West Frontier Province on the 15th and in the southwest Punjab on the 16th; it then filled up over the southwest Punjab. The fourth western disturbance, which lay as a shallow low pressure area over Baluchistan on the 20th, moved to Sind by the next day and then filled up after causing light local thundershowers in the North-West Frontier Province on the 21st. The next filled up over the north Punjab after causing local rain in north Baluchistan on the 24th and in the east and north Punjab and the west United Provinces on the 25th and a few thundershowers in north Baluchistan and the North-West Frontier Province on the 23rd, in the east and north Punjab on the 24th and in Kashmir on the 25th, with scattered duststorms in the west Punjab on the 23rd and 25th. This was followed by a secondary depression which filled up over north Baluchistan and upper Sind after causing nearly general thunderstorm rain in the North-West Frontier Province on the 27th and 28th and local rain in north Baluchistan on the 27th, with a few falls there on the 25th, 26th and 28th and in the east and north Punjab on the 27th. The last disturbance of the month passed away eastwards through the north Punjab, causing local rain in the North-West Frontier Province on the 29th and 30th, in Kashmir on the 29th and 30th April and on the 1st May and in the Punjab hills on the 30th, with a few falls in Baluchistan on the 29th and 30th, in the Punjab hills on the 29th and in the Punjab-Kumaon hills on the 1st May.

Weather became unsettled in the south and central Bay on the 9th. The unsettled conditions moved slowly towards the Coromandel-Circars coast and persisted there till the 15th. Associated with this, nearly general thunderstorm rain occurred in Malabar on the 12th and 13th and in southeast Madras on the 12th, with a few falls there on the 11th, 13th, 14th and 15th and in Malabar on the 14th. Weather was again disturbed from the Andaman Sea to the head of the Bay from the 14th to 16th and was responsible for local rain in Lower Burma between the 13th and 16th, in Assam and Upper Burma on the 14th and in Bengal on the 14th and 15th.

2. Associated with thunderstorms, nearly general rain fell in Mysore on the 2nd, in Bengal on the 20th and 25th and in Assam from the 24th to 29th and local rain there on the 30th, in Orissa on the 23rd, in south Hyderabad on the 20th, in the east Central Provinces on the 23rd and 24th, in Bengal, east Central India and the Bombay Deccan on the 24th, in Upper Burma on the 25th and in Mysore on the 26th. A few thundershowers also occurred in south Madras, the Deccan, Bengal, Assam and Burma on some of the days. It is reported that on the 16th April during the strong wind which blew over Bhavnagar one barge broke away from its moorings and drifted away.

3. The month's rainfall was in large excess in Upper Burma and the Bombay Deccan, in slight to moderate excess in Lower Burma, Bihar, east Central India and southeast Madras and normal in the west United Provinces; it was in slight to moderate defect in the Bay Islands, Assam, Bengal, Orissa, Chota Nagpur, east Rajputana, the west Central Provinces, north Hyderabad, Malabar and the north Madras coast and in large defect elsewhere. Averaged over the plains of India, the total rainfall for the month was in defect by 12 per cent.

[Price 4 annas.]

4. Maximum temperature was above normal in Assam up to the 13th, in Bengal from the 7th to 13th, in northwest India, the United Provinces and Bihar on the 12th, 13th and 14th and in the southwest Punjab, the North-West Frontier Province and Kashmir on the 11th, 15th and from the 19th to 24th. Both the month's mean maximum and minimum temperatures were above normal in the southwest Punjab, Kashmir and Baluchistan; the maximum was above normal in Assam, the east and north Punjab and the North-West Frontier Province and below it in the Bay Islands, west Central India, Berar and the Madras Deccan and the minimum was below normal in east Central India.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was 62 per cent in excess in Upper Burma, 17 per cent in excess in Lower Burma and 20 per cent in defect in the Bay Islands. Cloud amount was higher than usual in the Bay Islands and Lower Burma. Mean maximum temperature was below normal in the Bay Islands.

Northeast India, including Orissa.—The rainfall of the month was in excess by 16 per cent in Bihar and in defect by 13 to 40 per cent in the remaining sub-divisions. Skies were less clouded than usual in Assam. Humidity was generally in defect outside Orissa. Maximum temperature was above normal in Assam.

The United Provinces, Central India and the Central Provinces.—The rainfall during the month was 21 per cent above normal in east Central India, normal in the west United Provinces and 33 per cent or more below normal elsewhere. Cloud amount was higher than usual in east Central India, Berar and the west Central Provinces and lower in the east United Provinces and the east Central Provinces. Mean humidity was in excess in Berar and in defect in the United Provinces and east Central India. The mean maximum temperature was below normal in west Central India and Berar and the mean minimum in east Central India.

Northwest India.—The rainfall of the month was 48 per cent or more in defect throughout the division. Cloudiness was more than normal in Gujarat and less than normal in Kashmir and west Rajputana. Humidity was in defect in the east and north Punjab, the North-West Frontier Province, Baluchistan, Sind and west Rajputana. Both mean maximum and minimum temperatures were above normal in the southwest Punjab, Kashmir and Baluchistan and the maximum alone was above normal in the east and north Punjab and the North-West Frontier Province.

The Peninsula.—The month's rainfall was in excess by 82 per cent in the Bombay Deccan and by 38 per cent in southeast Madras; it was in defect by 21 to 97 per cent elsewhere. Skies were more clouded than usual in the Bombay Deccan and Hyderabad. Mean humidity was in defect in Hyderabad. The mean maximum temperature was below normal in the Madras Deccan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 6th May 1932.

S. BASU,
for *Director-General of Observatories.*

	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	2·50	1·91	+0·59	+31	0·7	+0·5	−2	+0·3
2. Assam ...	7·68	9·03	−1·35	−15	+4·5	+0·2	−8	+1·3
3. Bengal ...	3·02	3·46	−0·44	−13	+1·8	−0·3	−5	0·8
4. Bihar and Orissa ...	0·69	0·76	−0·07	−9	0·5	−0·7	8	+0·1
5. United Provinces ...	0·21	0·33	−0·12	−36	+0·3	−0·4	8	0·2
6. Punjab ...	0·22	0·74	−0·52	−70	+2·8	+1·2	9	−0·2
7. North-West Frontier Province.	0·31	1·29	−0·98	−76	+5·3	+1·9	−9	−0·5
8. Sind ...	0·02	0·14	−0·12	−86	+1·8	−0·4	−5	+0·1
Division—*contd.*								
9. Rajputana ...	0·09	0·20	−0·11	−55	−0·9	−0·7	−4	0·4
10. Bombay ...	0·38	0·30	+0·08	+27	−1·0	+0·5	−3	+0·9
11. Central India ...	0·41	0·46	−0·05	−31	−0·9	−1·5	−1	+0·4
12. Central Provinces ...	0·24	0·49	−0·25	−51	−0·8	+0·3	0	+0·5
13. Hyderabad ...	0·31	0·70	−0·39	−56	−0·5	+0·4	−5	+1·1
14. Mysore ...	0·74	1·53	−0·79	−52	+1·2	+0·9	+2	+0·2
15. Madras ...	1·20	1·41	−0·21	−15	1·6	−0·1	−1	+0·5
Mean of India ...	1·14	1·29	−0·15	−12	+0·2	+0·1	−4	+0·1
Sub-division								
1. Bay Islands ...	1·98	2·18	−0·50	−20	−2·4	0·3	−4	+2·4
2. Lower Burma ...	2·60	2·22	+0·38	+17	1·0	−0·7	−1	+0·8
3. Upper Burma ...	2·36	1·46	+0·90	+62	0·3	−0·2	−3	−0·4
4. Assam ...	7·68	9·03	1·35	−15	+4·5	+0·2	−8	1·3
5. Bengal ...	3·02	3·46	−0·44	13	+1·8	−0·3	−5	0·8
6. Orissa ...	0·91	1·17	−0·26	−22	0	0·6	−2	+0·1
7. Chota Nagpur ...	0·46	0·77	−0·31	40	0	−0·6	9	+0·3
8. Bihar ...	0·67	0·58	+0·09	16	+1·3	−0·8	14	0
9. United Provinces, East	0·01	0·25	0·24	96	0·7	+0·2	−9	−0·3
10. Do. do. West.	0·39	0·39	0	0	−0·2	1·1	−7	−0·1
11. Punjab, East and North	0·32	0·80	−0·48	−60	−2·2	+0·5	−11	−0·1
12. Do. Southwest ...	0·05	0·64	−0·59	−92	+3·8	+2·3	−4	−0·5
13. Kashmir ...	1·30	3·36	−2·06	−61	+4·9	+2·9	+2	−1·5
14. North-West Frontier Province.	0·31	1·29	−0·98	−76	+5·3	+1·9	−9	−0·5
15. Baluchistan ...	0·36	0·91	−0·55	−60	+2·8	2·6	7	0·1
16. Sind ...	0·02	0·14	−0·12	−86	+1·8	+0·4	−5	+0·1
17. Rajputana, West ...	0·05	0·19	−0·14	−74	−0·6	+0·5	−5	−0·5
Sub-division—*contd.*								
18. Rajputana, East ...	0·11	0·21	−0·10	−48	−1·1	1·4	−3	−0·3
19. Gujarat ...	0	0·01	−0·01	−100	−0·8	+0·7	−4	+0·9
20. Central India, West ...	0·01	0·13	−0·12	−92	−2·3	−0·5	+3	−0·1
21. Do. do. East ...	0·23	0·19	+0·04	+21	+0·5	−2·5	−7	+0·9
22. Berar ...	0	0·19	−0·19	−100	−2·1	+1·0	+13	+0·6
23. Central Provinces, West.	0·18	0·27	−0·09	−33	1·5	0	3	+1·1
24. Do. do. East.	0·45	0·96	−0·51	−53	+0·7	+0·5	−2	0·7
25. Konkan ...	0·01	0·35	−0·34	−97	−0·8	+0·3	+1	+0·6
26. Bombay Deccan ...	1·13	0·62	+0·51	+82	−1·3	+0·5	−4	+1·0
27. Hyderabad, North ...	0·33	0·42	−0·09	21	−0·7	+1·1	−5	+1·4
28. Do. South ...	0·29	0·90	−0·61	−68	−0·3	+0·1	−5	+0·9
29. Mysore ...	0·74	1·53	−0·79	−52	+1·2	+0·9	+2	+0·2
30. Malabar ...	1·86	3·43	−1·57	−46	−1·7	+0·2	0	+0·3
31. Madras, Southeast ...	1·89	1·37	+0·52	+38	−1·7	+0·3	0	+0·7
32. Do. Deccan ...	0·04	0·55	−0·51	−93	−2·1	−0·1	−3	+0·2
33. Do. Coast, North...	0·37	0·70	−0·33	−47	−1·2	−0·7	−1	+0·6

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Date.
	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	29·791	·005	N 76 W	4·0	82·1	76·5	89·8	2·4	91	6	78·1	0·3	71	16	77	4	6·5	1·98	0·50	8	4·1	0·65	11
Lower Burma																							
Victoria Point	29·722	·013	N 63 E	5·3	82·3	77·4	88·5	1·9	93	4 days	77·1	0·1	72	15	79	2	7·6	1·14	0·26	5	1·6	2·63	15
Mergui	29·791	·002	S 85 E	...	80·2	77·4	89·3	2·6	91	7, 8, 28	75·3	0·9	73	17, 20, 21	87	5	1·2	6·62	1·34	7	0·9	2·73	17
Tavoy	29·853	·005	Calm	2·3	81·5	77·1	92·9	1·0	99	2	75·4	0·9	73	5 days	81	2	5·6	9·66	7·03	9	5·3	3·08	17
Amherst	29·791	...	S 60 W	7·9	82·1	77·1	89·8	...	93	8	77·6	...	72	11, 16	77	...	7·7	10·02	...	9	...	3·77	14
Rangoon	29·836	·00	S 65 W	3·2	81·1	76·8	95·8	2·2	101	5	76·6	0·5	715	16, 17	78	2	1·0	0·45	1·18	3	1·3	0·17	16
Bassein	29·824	·005	N 48 W	3·3	84·0	76·9	97·6	1·4	103	7, 8	75·9	0·1	73	16, 17	71	7	3·3	0·66	0·40	2	0·6	0·31	16
Diamond Island	29·801	·007	N 61 W	4·6	83·1	77·3	87·7	0·5	89	7 days	80·1	1·6	74	16	75	1	3·7	2·11	1·56	2	1·1	1·61	14
Gwa	29·837	...	N 24 E	6·8	81·1	76·8	89·5	...	92	10	74·2	...	67	9	81	...	2·1	0·33	1·17	1	0·2	0·30	14
Toungoo	29·653	·011	S 26 E	...	83·4	75·9	100·3	0	104	8, 28	77·1	1·4	73	28	69	3	1·5	0·07	1·78	0	2·6	0·07	14
Kyaukpyu	29·822	·091	S 72 E	1·1	82·6	77·6	88·2	0·8	91	2, 11, 27	76·1	1·0	70	15	79	1	1·6	0·98	0·51	2	0·2	0·78	15
Akyab	29·822	·002	N 53 E	6·8	80·5	75·6	89·9	1·1	95	28	75·1	0·2	67	15	78	3	1·4	0·66	1·41	1	1·1	0·51	15
Upper Burma																							
Minbu	29·634	·006	S 18 E	3·8	84·7	72·2	101·6	1·0	105	6 days	77·1	0·1	70	16	52	8	1·6	0·08	0·69	0	1·2	0·01	20, 21
Yamethin	29·172	·009	S 5 E	3·7	81·3	73·8	97·8	3·1	103	8, 10	71·9	1·2	65	2	69	5	2·1	7·25	5·75	6	3·6	2·16	11
Mandalay	29·565	·014	S 16 E	3·1	83·1	74·3	99·5	2·9	106	9	77·5	0·2	69	5	61	9	2·3	1·68	0·56	3	0·8	0·83	21
Monywa	29·510	0	N 18 E	2·8	82·1	69·8	102·4	1·2	109	9, 10, 11	75·0	0·1	68	21	51	6	1·9	1·14	0·31	3	1·2	0·57	20
Lashio	27·065	·019	N 27 E	3·0	68·7	62·4	86·9	2·1	91	9, 11	62·3	0·1	58	4	68	1	3·9	3·22	1·04	6	1·3	1·11	15
Bhamo	29·428	·002	N 18 E	2·7	75·1	67·9	94·1	1·9	102	11	67·3	0·8	61	5	68	9	3·4	2·36	0·47	3	1·8	1·50	15
Myitkyina	29·317	·001	N 13 E	4·2	74·6	66·8	92·1	4·1	99	10	67·6	1·0	62	3	64	11	3·7	0·80	1·16	2	3·5	0·49	26
Assam																							
Dibrugarh	29·485	·006	N 76 E	1·2	72·1	66·9	85·2	5·6	93	20	66·2	0·8	61	4, 16	76	13	3·6	4·85	5·23	9	5·3	1·43	27
Sibsagar	29·516	·011	N 62 E	4·5	73·6	69·9	86·9	5·7	91	12	66·1	0·5	63	4 days	79	11	5·2	5·35	4·76	8	6·4	1·17	26
Tezpur	29·572	·001	N 71 E	1·0	75·1	68·7	88·9	5·5	99	12	68·9	1·8	66	11	70	14	1·9	4·69	1·50	7	4·9	1·35	14
Gauhati	29·630	0	N 81 E	2·7	75·0	69·7	91·3	5·3	102	12	65·2	2·0	61	3, 4, 20	75	7	3·7	5·72	0·89	8	3·8	1·84	27
Dhubri	29·694	·011	S 82 E	6·3	76·1	70·6	92·1	4·6	104	9	70·3	0·5	64	18	75	4	3·3	7·67	2·53	10	1·9	2·84	30
Silchar	29·750	·013	N 78 E	2·1	73·6	69·6	90·0	2·3	95	4 days	68·0	0·8	63	4	81	3	3·9	13·83	0·50	10	4·5	3·82	27
Srimangal	29·762	·014	S 71 E	...	77·2	73·3	93·2	2·5	101	8	69·1	0·6	62	4	82	3	3·6	11·68	0·96	10	1·6	3·20	27
Bengal																							
Cox's Bazar	29·806	·009	S 85 E	3·5	81·0	76·1	88·8	0·8	98	2	72·8	0·6	66	14, 15, 16	78	5	4·7	4·65	0·18	5	0·4	1·56	14
Chittagong	29·751	·011	S 45 E	7·5	79·2	74·6	90·2	1·6	98	1	73·0	0	66	15, 16	78	3	3·8	4·51	0·93	7	1·3	1·75	16
Noakhali	29·801	·011	S 30 E	5·1	81·4	76·9	89·8	1·3	95	1, 2	76·3	2·6	67	15, 16, 17	81	0	4·0	3·45	2·95	5	1·3	1·12	16
*Comilla	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·50	3·08	7	0·3	1·35	24
Narayanganj	29·777	·008	S 28 E	4·6	80·4	71·2	93·7	1·7	103	8	73·1	0·9	65	17	74	8	3·2	6·25	0·77	9	2·2	2·35	14
Mymensingh	29·758	·019	S 52 E	1·0	77·1	72·8	93·3	3·1	105	8, 9	70·6	1·0	63	25	80	1	4·6	3·79	1·93	10	2·8	1·13	25
*Faridpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·72	2·09	7	0·6	0·62	17
Barisal	29·789	·007	S	4·5	81·5	76·4	92·9	1·1	99	7, 8	74·3	0·2	61	16	78	1	2·9	7·46	2·68	6	0·2	3·39	16
Khulna	29·780	...	S 21 W	5·6	81·7	76·9	91·8	...	103	8	74·1	...	66	24	79	...	1·1	4·10	...	6	...	1·52	30
Jessore	29·764	·016	S 24 W	5·0	80·5	76·1	95·7	0·6	106	9	71·9	2·7	65	21	80	1	3·0	1·57	0·91	7	2·0	1·02	14
Satkhira	29·776	...	S 45 W	4·1	82·9	76·4	98·1	...	106	7, 8	74·5	...	67	21	73	...	2·6	0·81	...	3	...	0·42	21
Calcutta	29·763	·012	S 32 W	4·3	81·3	76·0	98·4	2·9	105	7, 8	76·5	0·8	70	18	77	2	1·8	1·07	0·82	4	0·8	0·48	24
Saugor Island	29·776	·009	S 27 W	16·0	83·8	78·1	88·6	1·5	96	3	78·7	0·6	66	24	77	4	5·1	2·83	1·69	5	2·9	0·90	25
Sandheads	29·766	·033	S 26 W	...	82·9	78·7	...	...	...	...	...	...	...	...	83	2	3·4	1·34	0·54	3	1·6	0·58	24
Midnapore	29·632	·017	S 13 W	3·9	82·9	74·2	102·6	2·9	110	8	76·3	0·1	70	4, 5	65	5	2·3	1·20	0·67	2	1·5	0·88	17
Burdwan	29·668	·005	S	3·1	80·2	74·5	101·1	1·5	107	7, 8	75·0	0·1	66	5	76	2	2·1	0·52	1·59	1	2·5	0·41	18
*Krishnagar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·50	2·05	2	2·1	0·35	18
*Bankura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·08	0·76	3	0·2	1·19	17
Asansol	29·318	...	S 52 W	4·7	83·8	68·2	102·0	...	108	10	74·7	...	69	19	42	...	2·1	0·32	...	2	...	0·17	19
Berhampore	29·720	·022	S 3 E	3·9	82·9	73·3	101·8	2·8	109	7, 8	73·8	0·3	66	4	62	11	2·7	0·79	0·61	2	0·7	0·60	26
*Rampur Boalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	1·51	1	1·8	0·27	22
*Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·19	0·88	8	3·2	1·70	29
Bogra	29·734	·023	S 65 E	3·3	79·0	71·4	96·6	1·5	108	8	70·2	1·2	64	16	67	10	4·4	2·95	0·68	5	1·3	1·19	16
*Malda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·79	0·34	1	1·1	0·70	23
Dinajpur	29·659	·013	E	3·3	77·9	68·4	96·5	2·6	107	10	68·6	1·1	62	3	59	13	3·6	2·30	0·16	5	1·9	1·20	25
*Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·41	0·68	5	0·5	1·11	23
*Cooch Behar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·05	1·62	5	2·3	3·27	30
Jalpaiguri	29·528	·014	S 82 E	4·1	77·2	69·9	94·0	4·9	104	11	67·4	0·6	60	3	67	10	3·0	2·55	1·18	4	1·6	1·30	19

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *h*—Mean of 23 days.

STATION.	PRESSURE. At 8 h., reduced to 32° and standard gravity.	PRESSURE. Departure from normal.	WIND. Mean direction at 8 h.	WIND. Mean velocity in miles per hour.	TEMPERATURE. Mean 8 h. Dry bulb.	TEMPERATURE. Mean 8 h. Wet bulb.	TEMPERATURE. Mean 8 h. Mean.	TEMPERATURE. Maximum. Departure from normal.	TEMPERATURE. Maximum. Highest in month.	TEMPERATURE. Maximum. Date.	TEMPERATURE. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	TEMPERATURE. Minimum. Date.	HUMIDITY. Mean 8 h.	HUMIDITY. Departure from normal.	CLOUD. Mean amount.	RAINFALL. Total of the month.	RAINFALL. Departure from normal.	RAINFALL. Number of rainy days.	RAINFALL. Departure from normal.	RAINFALL. Heaviest fall in period.	RAINFALL. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	... 29·724	+·018	S 26 W	6·8	82·3	76·6	97·6	+ 0·9	103	16	75·4	0·3	68	5	77	+ 2	3·2	1·98	− 0·08	5	+ 1·1	0·50	17
Chandbali	... 29·780	...	S 41 W	10·4	82·7	77·3	98·7	...	101	6	75·2	...	65	17	75	...	2·5	1·85	...	1	...	1·05	17
Puri	... 29·779	+·011	S 36 W	13·8	83·2	78·6	87·4	0·4	97	2	79·4	0·5	73	19	81	+ 4	4·7	0·05	0·27	3	+ 1·7	0·52	19
Cuttack	... 29·718	+·022	S 56 W	3·8	82·5	76·3	101·2	0·4	107	30	76·4	+ 1·3	70	22	75	0	3·4	0·36	0·79	1	0·9	0·21	22
Angul	... 29·333	+·020	S 63 W	3·9	81·4	72·4	101·6	+ 0·2	108	16	74·3	0·4	68	5	64	2	2·7	0·82	0·18	1	1·7	0·77	1
Sambalpur	... 29·307	+·018	S 81 E	3·2	82·8	69·2	102·6	0·6	108	8	73·4	+ 1·8	65	5	47	1	2·3	0·47	0·20	2	0·4	0·28	1
Chota Nagpur																							
Jamshedpur	... 29·317	...	N 71 W	3·8	82·4	69·7	102·3	...	108	7, 8	72·8	...	62	5	54	...	1·4	1·35	...	2	...	1·20	19
Chaibasa	... 29·041	+·019	S 41 W	3·5	83·9	72·8	101·6	0·5	107	7, 8	73·6	+ 0·5	67	1, 19	57	1	3·0	1·24	0·04	3	0·5	0·61	21
Ranchi	... 27·655	+·021	S 58 W	3·8	81·7	62·9	96·3	+ 0·4	101	8	70·4	1·3	62	19	31	11	1·8	0·17	0·78	1	1·1	0·11	19
*Hazaribagh	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	0·04	1	0·5	0·12	19
Daltonganj	... 29·012	+·019	W	3·9	83·8	64·7	101·6	0·2	105	4 days	70·4	0	62	3, 4	31	15	1·4	0·03	− 0·38	0	0·9	0·02	26
Bihar																							
Purnea	... 29·647	+·006	E	3·4	78·4	67·6	96·0	0·2	101	10	67·8	1·8	64	3	54	14	2·4	2·79	+ 1·57	2	+ 0·4	1·70	23
Darbhanga	... 29·592	+·005	N 85 E	8·3	80·4	68·9	98·0	+ 2·2	101	12	68·5	2·2	64	2, 3	55	9	1·7	0·11	− 0·58	1	0·5	0·11	23
*Muzaffarpur	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·00	+ 0·19	1	0·4	1·00	18
Motihari	... 29·532	...	S 76 E	4·8	80·5	68·6	97·3	...	105	8	67·7	...	59	2	52	...	0·6	1·27	0·39	3	+ 1·7	0·58	18
*Chapra	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0·31	0	− 0·8	...	...
Patna	... 29·584	+·021	S 45 W	4·9	83·6	68·6	100·9	+ 1·9	107	8	73·6	0·3	67	2	37	14	1·7	0·04	0·29	0	− 0·6	0·04	21
*Arrah	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·28	0	0·6	...	...
*Dehri	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0·21	0	− 0·6	...	...
Gaya	... 29·395	+·024	S	3·3	87·8	65·0	101·4	+ 1·8	109	15	75·6	0·5	71	2, 4, 19	26	23	1·5	0·06	− 0·16	0	0·6	0·06	19
Nawa Dumka	... 29·284	+·021	S 71 E	3·4	83·5	68·7	100·4	+ 0·9	108	15	73·4	0·6	66	4	43	− 10	1·0	0·93	+ 0·03	2	0	0·73	18
Sahibganj	... 29·645	...	S 63 E	5·0	79·8	67·8	99·4	...	106	5 days	69·6	...	63	3, 4, 12	51	...	2·6	1·17	+ 0·44	2	0·5	0·61	21
United Provinces, East																							
Gorakhpur	... 28·492	+·011	N 59 E	3·0	82·7	66·8	100·3	+ 0·9	106	7, 14	71·6	+ 0·4	63	2, 5	40	12	0·6	0·03	− 0·37	0	0·8	0·03	26
Benares	... 29·503	+·006	S 77 W	4·5	84·6	65·8	102·3	+ 0·2	107	15	71·6	+ 0·2	63	2	32	− 11	2·3	0·01	− 0·16	0	0·4	0·01	26
Allahabad	... 29·454	+·018	S 61 W	4·4	84·0	63·4	103·3	+ 0·5	108	15	72·6	0	64	1	26	10	2·0	0	0·15	0	0·4	0	...
Fatehpur	... 29·383	...	N 56 W	3·4	86·4	65·4	102·7	...	108	15	70·5	...	62	1	28	...	1·8	0·06	...	0	...	0·05	25
Cawnpore	... 29·341	+·013	N 88 W	2·4	82·9	64·7	102·6	0·9	108	16	72·2	0·7	66	1, 4, 9	33	7	0·4	0	− 0·24	0	0·5	0	...
Lucknow	... 29·390	+·017	N 17 W	3·2	82·4	65·3	101·3	+ 0·2	103	14, 15, 16	70·6	0·4	64	1, 5	36	2	1·4	0·02	− 0·24	0	0·6	0·02	25
Bahraich	... 29·349	+·015	N 78 W	4·5	79·9	64·6	100·5	+ 2·0	105	14, 15, 30	69·6	0·4	64	2	37	− 12	0·3	0	0·32	0	0·7	0	...
Gonda	... 29·415	...	N 48 W	4·3	80·6	64·9	100·8	...	105	14, 15	70·4	...	62	2	39	...	0·7	0	...	0	...	0	...
United Provinces, West																							
Jhansi	... 28·962	+·043	S 72 W	4·5	86·5	63·4	101·9	+ 1·4	107	4 days	72·8	3·3	64	4	21	− 13	2·0	0·13	0·28	1	+ 0·4	0·37	25
Agra	... 29·242	+·012	S 84 W	4·3	82·4	62·4	99·2	+ 2·5	105	5 days	67·8	0	59	1	26	2	1·5	0·16	0·08	1	+ 0·3	0·13	27
Mainpuri	... 29·233	+·005	N 41 W	3·1	83·9	66·1	100·9	0	107	16	68·3	1·3	62	4	34	− 6	1·7	0·20	0·15	1	+ 0·3	0·20	25
Aligarh	... 29·112	...	N 29 W	7·8	76·6	64·0	98·7	...	105	16	69·4	...	56	1	47	...	1·6	0·16	...	1	...	0·11	27
Bareilly	... 29·184	+·024	N 60 W	2·7	78·7	63·8	98·6	+ 0·5	105	16	69·4	0·3	59	11	40	− 9	1·0	0·06	0·25	0	0·7	0·05	26
*Meerut	... ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·19	− 0·24	1	+ 0·2	0·13	27
Roorkee	... 28·861	+·027	S 18 W	3·2	77·5	61·8	96·2	+ 0·2	103	16	64·1	1·2	57	3, 11	37	− 6	2·1	1·16	+ 0·66	1	− 0·2	1·12	26
Dehra Dun	... 27·552	+·029	N 83 W	3·0	70·5	57·3	91·7	+ 1·6	97	16	62·3	1·1	54	1	41	− 5	2·1	0·59	0·21	1	0·7	0·41	26
Punjab, East and North																							
Delhi	... 29·046	·004	N 81 W	4·0	80·4	62·5	97·4	...	103	15, 16, 22	70·6	...	60	1	32	...	1·6	0·25	− 0·11	2	+ 1·2	0·15	25
Hissar	... 29·047	+·023	S 54 W	3·8	79·7	66·7	98·2	− 0·7	105	22, 23	66·6	0·9	58	1	18	+ 6	1·1	0·48	+ 0·09	1	+ 0·2	0·28	26
Ambala	... 28·853	+·006	N 62 W	3·6	78·9	61·1	97·7	+ 2·2	105	16, 23, 24	67·9	+ 2·2	60	1	30	− 18	2·2	0·65	+ 0·07	1	− 0·7	0·65	26
Ludhiana	... 28·950	+·022	N 31 W	1·3	80·2	62·2	97·9	+ 2·4	106	16	65·2	+ 1·6	56	1	31	− 15	1·8	0·09	− 0·76	0	− 1·5	0·06	26
Lahore	... 29·049	+·006	N 13 E	2·1	79·1	64·5	97·4	+ 1·7	106	16	65·5	+ 0·9	58	1	42	− 9	3·3	0·26	− 0·28	1	− 0·6	0·20	26
Sialkot	... 28·924	+·007	N 22 E	2·3	76·3	62·1	95·4	+ 2·5	103	16, 25	65·8	+ 0·8	54	1	41	− 12	3·5	0·11	− 0·83	1	− 1·1	0·11	17
Rawalpindi	... 28·103	−·002	N 10 W	3·6	74·9	59·0	91·2	+ 1·9	101	15, 16	60·7	+ 1·6	53	1, 2, 5	35	− 21	3·1	0·37	− 1·57	3	− 0·9	0·14	4

* Reports only rainfall. *b*—Mean of 29 days. *e*—Mean of 26 days. *f*—Mean of 25 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab	29·141	-·012	N 53 E	5·1	83·2	63·1	97·5	-4·9	106	15, 16	68·2	+1·5	58	5	43	0	2·2	0	-1·05	0	-2·4	0	...
Lyallpur	29·162	+·003	N 48 E	3·1	79·5	63·5	96·5	+4·9	101	15, 16	66·7	+4·0	58	5	36	-17	3·2	0	-0·88	0	-2·1	0	...
Montgomery	29·187	-·001	S 54 E	2·7	77·8	66·0	98·0	-1·8	106	22	68·4	-1·3	59	1	50	+12	1·4	0·12	-0·24	0	-1·0	0·07	28
Multan	29·331	-·001	N 77 E	2·8	82·2	65·0	100·9	3·6	110	15	70·8	+2·2	61	1	36	-12	1·6	0·06	-0·21	0	-0·9	0·05	25
Bahawalpur	29·380	...	S 33 E	3·2	82·0	63·9	99·8	...	108	14, 15	67·4	...	56	1	19	...	1·4	0·16	...	1	...	0·12	27
Khanpur	29·471	...	S 43 W	1·9	79·5	66·7	101·5	...	111	15	66·0	...	54	1	48	...	0·8	0	...	0	...	0	...
Kashmir																							
Srinagar	24·901	+·033	S 23 E	3·3	53·7	49·9	72·7	-6·1	82	15	45·7	+1·3	40	8	75	-13	3·6	1·14	-2·65	3	-5·1	0·48	17
*Sonamarg	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·78	6·29	5	-8·2	2·09	5
Dras	20·854	+·073	S 15 W	2·2	33·3	31·3	50·5	-8·2	61	28,29,30	26·6	-6·9	13	7	84	-2	3·4	1·97	-1·99	4	-4·5	1·50	5
Leh	19·738	+·061	S 10 E	1·4	41·2	34·5	56·8	-1·2	62	30	30·8	+0·6	25	10	56	-7	3·7	0	-0·23	0	-0·8	0	...
Skardu	22·931	+·082	S	3·5	52·8	46·8	67·0	-1·9	74	28, 30	44·9	-2·6	35	5	65	+8	4·1	0·72	-0·41	1	-1·8	0·66	5
Gilgit	25·113	-·003	Calm	1·7	62·4	55·5	76·4	-4·2	84	27, 28	55·6	-2·9	35	5	63	+11	1·6	0·21	-0·77	1	-1·7	0·19	4
North-West Frontier Province																							
Peshawar	28·640	-·010	S 45 E	2·5	75·6	62·6	91·4	-6·5	100	14, 15	62·9	-2·5	55	5	46	5	3·9	0·25	1·60	1	-3·0	0·10	29
Miranshah	26·871	...	Calm	1·1	68·6	57·6	80·2	...	95	22	60·7	...	40	28	49	...	0·8	1·20	...	3	...	0·80	29
Dera Ismail Khan	29·207	-·010	N 32 E	2·5	79·6	65·8	96·8	-1·0	105	22	66·5	+1·3	58	1	44	-13	2·3	0·37	-0·37	1	0·7	0·21	28
†**Baluchistan**																							
Fort Sandeman	25·374	+·031	N 22 E	3·1	61·3	49·0	82·7	2·8	91	15	55·4	-1·7	48	1, 30	37	-18	2·1	1·08	0·31	5	-0·7	0·34	29
*Harnai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	-1·19	2	-0·8	0·24	24
Quetta	24·677	+·007	S 33 E	3·4	54·8	45·0	78·4	+4·7	88	15	47·8	-0·2	39	4	45	+2	3·4	0·29	-0·74	1	-1·9	0·23	28
Chaman	25·641	-·001	S 41 E	4·3	67·4	51·0	84·6	+4·8	92	15	59·9	5·8	48	4, 5	29	-22	3·2	0·26	0·42	1	-0·9	0·15	28
Kalat	23·737	+·025	S 9 W	5·9	49·7	44·4	72·3	-0·4	82	15	42·6	+4·2	31	5	65	+9	1·0	0	-0·54	0	-1·6	0	...
Dalbandin	27·045	-·001	S 45 W	3·0	65·2	52·9	99·0	+1·9	99	14, 15	58·9	-1·5	45	4, 5	39	-6	1·9	0·18	-0·12	1	-0·3	0·18	25
Las Bela	29·531	...	N 60 W	3·0	80·2	71·6	99·9	...	109	14	64·5	...	52	5	64	...	2·8	0·25	...	1	...	0·23	24
Sind																							
Jacobabad	29·550	-·016	S 71 E	3·7	83·7	65·2	103·1	+3·4	111	14	69·5	0·4	57	1, 5	32	-11	0·7	0·05	-0·15	0	-0·5	0·05	24
Sukkur	29·566	...	S 24 E	3·6	78·8	64·1	100·0	...	108	14	70·9	...	59	5	41	...	0·4	0	...	0	...	0	...
Chor	29·769	...	S 32 W	6·6	81·4	69·6	101·0	...	113	14	67·5	...	51	17	54	...	1·0	0	...	0	...	0	...
Hyderabad	29·701	-·021	S 62 W	7·1	83·4	68·9	102·0	0·4	111	13	72·3	0·3	65	1, 2	45	5	2·8	0	-0·05	0	-0·1	0	...
Karachi	29·815	-·018	N 84 W	10·3	79·1	71·7	86·7	+1·9	101	13	75·4	1·3	69	1	80	+2	2·7	0	0·17	0	0·2	0	...
Badin	29·765	...	S 85 W	8·6	81·0	73·8	100·2	...	112	13	71·3	...	62	1	67	...	2·1	0	...	0	...	0	...
Rajputana, West																							
Bikaner	29·627	-·050	S 6 W	5·3	81·7	61·5	98·2	-1·7	105	14, 15	74·2	0·2	63	1, 2	25	14	1·1	0·07	-0·15	0	-0·6	0·07	17
Jodhpur	29·024	-·021	S 44 W	5·1	81·3	63·7	100·7	+0·5	109	14	73·2	0·7	64	2	34	+4	1·6	0·04	-0·11	0	-0·5	0·01	19
Barmer	29·139	...	S 54 W	6·1	80·6	72·4	99·9	...	109	14	74·3	...	61	2	64	...	1·2	0	...	0	...	0	...
Rajputana, East																							
Jaipur	28·391	+·040	N 58 W	3·0	84·2	63·9	99·4	-0·4	106	14	68·9	1·4	59	1	29	-3	0·6	0·09	-0·08	0	-0·5	0·09	27
Ajmer	28·214	+·025	S 38 W	5·4	81·7	62·8	95·9	-2·0	102	14	70·4	-1·7	58	2	31	-7	1·9	0·02	0·15	0	-0·4	0·02	19
Kotah	28·966	+·027	S 85 W	3·4	88·0	65·8	101·0	-0·8	106	14, 15	75·3	-1·2	66	1, 3	26	+1	2·1	0·12	-0·21	0	-0·7	0·07	27
Jhalrapatan	28·766	...	S 63 W	3·7	82·9	63·9	100·1	...	106	14	70·4	...	60	2	30	...	1·8	0·20	...	1	...	0·20	25
*Udaipur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	-0·16	0	-0·3	...	...
Gujarat																							
Deesa	29·356	+·016	S 79 W	3·5	83·4	67·4	103·8	-0·2	113	13	70·7	0·6	62	2, 3	40	-3	2·1	0	-0·03	0	-0·1	0	...
Bhuj	29·476	+·009	S 71 W	5·8	80·9	70·3	98·4	+1·8	108	13	72·7	+1·4	65	1	57	-3	1·1	0	-0·07	0	-0·1	0	...
Dwarka	29·819	+·007	N 75 W	11·5	80·8	73·6	86·9	+2·1	106	12	77·3	+1·1	69	1	70	-10	4·2	0	-0·05	0	-0·1	0	...
Rajkot	29·408	+·017	N 76 W	8·4	79·5	69·4	100·8	-0·9	109	2, 13, 14	70·7	+1·4	63	3	58	-5	3·4	0	-0·03	0	-0·1	0	...
Veraval	29·851	+·034	N 46 W	7·3	81·1	73·0	87·2	+1·3	101	12	73·5	+1·3	66	4	67	-7	2·7	0	0	0	0	0	...
Surat	29·822	+·025	S 38 W	4·3	81·9	73·0	97·6	+1·9	109	14	74·8	+1·6	67	2, 3	63	0	3·2	0	-0·04	0	0	0	...
Bhavnagar	29·806	+·030	N 53 W	4·6	81·5	70·0	100·0	-1·7	108	12	73·1	-0·8	63	1	54	-2	2·3	0	-0·10	0	-0·2	0	...
Ahmadabad	29·690	+·031	N 66 W	4·1	82·6	69·3	100·5	-3·8	108	12	74·3	-0·1	68	3, 15	47	-2	2·0	0	-0·03	0	-0·1	0	...
Dohad	29·843	...	S 68 W	5·2	81·9	68·6	100·1	...	107	13	73·2	...	61	2, 3	47	...	2·3	0·13	...	0	...	0·08	24

* Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time).
b—Mean of 29 days. *c*—Mean of 28 days. *f*—Mean of 25 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Mean 8 h. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	28·213	+·030	N 18 E	5·2	83·8	71·0	97·8	−1·7	101	11	70·5	−0·5	60	2	51	−16	1·1	0	−0·12	0	−0·3	0	...
Indore	28·022	+·029	N 37 W	3·9	81·5	62·3	96·9	−3·0	102	13, 14	69·4	−0·4	56	2	30	−9	2·0	0·01	−0·13	0	−0·3	0·01	23
Bhopal	28·187	...	N 60 W	4·2	81·1	63·3	98·7	...	101	14, 15	72·3	...	59	2	27	...	3·2	0·12	...	1	...	0·12	30
Guna	28·251	..	N 88 W	1·0	82·1	62·0	99·6	...	105	14, 15	68·1	...	57	2	27	...	2·4	0	...	0	...	0	...
Central India, East																							
Nowgong	29·038	+·028	S 47 W	2·7	83·9	61·1	101·9	−0·1	107	15, 23	67·5	3·1	58	1	29	7	3·2	0·07	−0·12	0	−0·3	0·01	25
Satna	28·736	+·023	S 74 W	3·7	84·3	63·4	101·3	−0·8	106	15	70·1	−1·5	62	2, 3, 4	25	−6	2·9	0·38	−0·18	2	−1·6	0·19	25
Umaria	28·298	...	S 31 W	...	85·6	63·9	100·2	...	101	23	70·2	...	59	4	25	...	2·0	0	...	0	...	0	...
Berar																							
Akola	28·889	+·023	N 75 W	4·8	84·3	65·1	103·5	−2·1	108	14, 15	75·6	−0·9	68	2, 3, 4	33	−1	1·6	0	−0·16	0	−0·5	0	...
Amraoti	28·597	+·022	S 82 W	5·3	85·6	72·6	102·6	−2·0	107	14	77·5	−1·1	71	16, 17, 18	53	+21	3·4	0	−0·22	0	−0·7	0	...
Central Provinces, West																							
Khandwa	28·779	+·027	N 77 W	5·3	82·5	64·1	103·3	−1·0	109	13	72·7	−2·4	60	2, 3	31	−2	1·4	0·05	−0·05	0	−0·3	0·05	25
Hoshangabad	28·835	+·037	S 73 W	3·1	83·3	66·2	101·3	−2·8	106	14, 15	74·0	+2·0	66	3	36	+11	1·2	0·03	−0·10	0	−0·3	0·03	25
Saugor	28·028	+·048	S 88 W	4·0	81·5	60·6	98·0	−2·2	102	13, 14, 15	72·8	−0·4	63	1	20	−7	2·3	0·11	−0·01	0	−0·4	0·09	25
Jubbulpore	28·188	+·044	S 49 W	2·7	81·1	62·3	100·4	−0·4	101	7, 14, 15	69·9	−0·3	59	3	30	−5	3·2	0·13	−0·12	1	−0·3	0·13	25
Seoni	28·800	+·026	N 15 W	3·7	85·2	63·3	98·8	−1·2	103	14	71·3	−0·7	64	15	23	−11	2·4	0·61	−0·18	3	−1·7	0·28	20
Nagpur	28·789	+·027	N 28 E	3·9	85·1	64·9	103·7	−1·1	107	4 days	75·9	+0·2	66	4	29	−5	3·8	0·10	−0·46	0	−1·3	0·04	30
Central Provinces, East																							
Pendra	27·733	+·012	N 67 W	4·7	83·8	63·6	97·1	−2·7	101	16, 30	72·5	+2·1	63	2	30	−1	1·9	0·32	−0·53	2	−0·1	0·17	2
Raipur	28·811	+·007	S 56 W	4·5	86·8	66·7	103·6	−0·6	108	29, 30	77·3	−1·0	70	3	31	−7	1·4	0·02	−0·62	0	−1·5	0·02	25
Kanker	28·184	...	S 5 W	4·1	82·7	67·4	101·1	...	105	13, 30	72·4	...	63	6	42	...	3·6	0·71	..	2	..	0·45	25
Chanda	29·163	+·013	S 21 W	3·5	87·0	70·4	104·3	−1·6	108	16, 29	75·6	−0·4	71	17	40	−1	1·2	0·10	−0·56	1	−0·6	0·10	25
Jagdalpur	28·005	+·007	N 45 W	2·7	80·3	70·0	99·7	−1·0	106	10	71·2	−0·8	65	11	58	−1	0·9	1·35	−0·33	4	−0·6	0·60	14
Konkan																							
Bombay	29·829	+·019	N 27 E	7·1	81·6	75·7	89·4	−0·9	94	30	77·4	+1·7	75	4 days	75	0	3·9	0	−0·05	0	−0·1	0	...
Ratnagiri	29·654	+·022	N 50 W	7·6	81·9	75·2	87·3	−2·1	91	30	76·9	0	74	1, 2, 18	73	+3	1·2	0·05	−0·03	0	−0·3	0·05	13
Marmagao	29·665	+·030	N 4 W	8·4	81·9	76·2	87·0	...	89	12, 30	77·2	...	74	18, 19, 21	77	...	5·6	0	−0·75	0	−0·9	0	...
Karwar	29·820	+·022	N 17 E	3·8	80·6	75·5	88·3	−1·1	91	29	76·5	−0·8	72	19	78	0	4·3	0	−0·52	0	−0·9	0	...
Bombay Deccan																							
Malegaon	28·417	+·029	N 74 W	3·0	83·7	64·1	101·2	−2·2	107	14	69·5	−1·7	60	2	31	−8	1·3	0·34	+0·23	1	+0·7	0·25	29
Ahmadnagar	27·711	+·017	N 22 W	5·0	83·2	63·0	99·3	−0·1	104	13	72·0	+2·5	60	17	29	−12	2·4	0·25	−0·06	1	0	0·12	24
Poona	28·032	+·024	N 88 W	3·6	79·7	66·7	98·2	−2·9	104	12	68·8	−0·1	61	2, 18	49	+2	2·5	0·84	+0·27	2	+0·7	0·53	13
Sholapur	28·256	+·012	N 7 W	4·6	84·4	67·2	102·1	−0·6	105	10	76·5	+1·2	69	17	38	−4	2·5	0·10	−0·34	0	−1·0	0·03	5, 25
Miraj	28·048	...	N 59 W	5·7	77·9	66·4	99·1	...	103	10	...	...	...	...	53	...	2·2	3·66	...	5	...	1·86	5
Bijapur	27·897	+·018	N 37 W	4·0	82·6	67·5	99·9	−0·9	103	2, 9	75·1	−0·6	67	17	42	−8	2·4	0·67	−0·03	1	−0·9	0·60	25
Belgaum	27·319	+·019	N 85 W	3·0	74·5	66·5	95·1	−0·9	100	1, 2, 10	67·3	+0·2	60	18	65	+7	2·2	4·57	+2·97	5	+1·7	2·48	27
Gadag	27·733	...	N 89 W	5·5	77·6	71·3	98·5	...	102	2, 10	74·3	...	71	11	72	...	1·8	2·07	...	2	...	1·09	11
Hyderabad, North																							
Aurangabad	27·966	+·026	N 78 W	7·8	83·5	62·7	100·2	−1·4	107	5	74·2	−1·1	66	18	27	−3	4·3	0·74	+0·50	1	+0·4	0·66	30
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	−0·14	0	−0·9	0·07	24
Nizamabad	28·595	+·042	S 37 E	1·7	85·8	68·4	103·8	0	110	13	77·2	+1·0	70	18	38	−7	2·3	0·15	−0·65	1	−0·8	0·15	14
Hyderabad, South																							
Gulbarga	28·321	+·016	N 24 E	6·8	85·5	68·7	101·9	−1·8	105	9, 10, 15	77·9	+1·6	70	17	40	−7	3·5	0·32	−0·60	1	−1·1	0·22	28
Raichur	28·535	+·044	S 9 W	6·3	86·1	70·7	103·0	+0·3	106	8, 9	79·2	+0·2	73	3	45	−6	1·6	0	−0·70	0	−1·3	0	...
Hyderabad	28·130	+·034	S 27 W	3·2	83·6	68·9	100·3	−0·9	104	5 days	74·5	+1·7	70	21	46	−7	3·8	0·15	−0·90	1	−0·9	0·12	21
Hanamkonda	28·947	+·023	S 46 E	5·1	82·2	71·0	101·5	+1·1	107	7, 29	77·0	+0·4	72	3, 14	56	−1	3·6	0·70	−0·23	2	+0·3	0·43	14
Mysore																							
Chitaldrug	27·473	+·023	S 61 W	4·3	79·2	70·3	98·5	+1·5	102	10	73·1	+0·6	69	17	63	+2	3·2	0·22	−0·70	1	−0·9	0·18	3
Bangalore	26·886	+·011	S 65 W	3·7	77·4	70·4	95·3	+1·8	99	30	71·0	+1·6	69	5 days	70	0	3·5	0·32	−1·01	1	−1·3	0·20	27
Mysore	27·374	+·013	S 68 W	6·6	75·9	70·5	95·1	+0·4	99	14	70·6	+0·4	63	3, 27	76	+3	3·5	1·69	−0·65	3	−1·3	0·69	3
Malabar																							
Mangalore	29·797	+·026	N 34 E	5·3	83·7	77·1	89·7	−2·1	91	14, 30	78·9	+0·6	75	5	73	+3	4·6	0·39	−0·89	1	−1·0	0·29	14
Calicut	29·844	+·034	N 4 E	6·5	83·8	77·6	89·2	−1·6	92	8, 17	78·4	+0·1	74	14	75	−2	5·4	2·02	−1·26	5	+0·9	0·96	14
Cochin	29·863	+·032	N 57 E	5·7	84·3	77·9	88·4	−3·2	91	27	78·4	−0·2	71	5, 13	74	−2	5·0	2·49	−2·22	3	−3·3	1·08	3
Trivandrum	29·643	+·014	N 2 W	4·6	81·8	77·4	87·9	−0·1	90	11	78·4	+0·2	73	4	81	+2	3·4	2·54	−1·93	5	−1·8	0·62	13

* Reports only rainfall. *b*—Mean of 29 days. *d*—Mean of 27 days. *l*—Mean of 19 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·27	− 1·22	2	− 1·9	0·72	4
Pamban	29·811	+ ·024	S 21 E	7·5	84·8	79·0	90·0	+ 1·2	94	10	80·5	+ 1·1	73	12, 13	76	− 1	3·7	3·19	+ 1·57	3	− 0·1	1·09	12
Madura	29·370	+ ·005	N 47 E	3·1	82·0	75·2	98·0	− 1·1	103	8	78·4	+ 1·4	71	14	71	0	4·9	1·79	− 0·24	2	− 0·9	1·04	14
Negapatam	29·816	+ ·020	S 24 W	7·2	84·1	78·5	90·5	+ 2·2	99	20	79·4	0·4	73	13	77	+ 2	6·1	3·05	− 2·48	2	+ 1·1	1·53	12
Trichinopoly	29·585	+ ·008	S 32 W	3·4	85·3	77·0	99·4	+ 1·7	105	8	78·6	+ 0·8	73	13	66	− 2	3·8	1·64	− 0·01	2	+ 0·2	1·10	13
Coimbatore	28·501	+ ·011	S 11 E	3·5	80·3	74·3	93·7	+ 3·6	97	29	73·7	0·2	71	4 days	75	− 4	4·6	2·81	+ 1·40	3	+ 0·3	1·90	13
Salem	28·908	+ ·007	S 6 E	4·8	82·4	77·0	99·1	+ 1·7	105	8	76·8	+ 0·4	69	15	77	+ 5	2·4	2·23	+ 0·44	3	+ 0·4	1·15	15
Cuddalore	29·806	+ ·017	S 45 W	6·3	81·2	79·0	91·0	+ 1·8	99	7, 17	77·5	0	73	1, 2, 3	79	+ 1	4·7	2·08	+ 1·18	2	+ 1·0	1·79	13
Vellore	29·119	− ·004	S 46 W	1·1	82·1	74·9	97·9	+ 1·3	105	17, 19	76·1	0·1	69	9	70	+ 3	4·3	0·20	− 0·75	1	− 0·3	0·19	13
Madras	29·817	+ ·012	S 32 W	8·7	83·8	77·5	92·1	− 0·3	102	18	76·5	+ 0·6	70	20	73	− 2	4·4	0·58	+ 0·05	3	+ 2·3	0·24	21
Madras, Deccan																							
Cuddapah	29·402	+ ·029	S 2 W	7·1	89·2	78·2	103·6	+ 1·8	108	8, 19	79·9	+ 0·9	73	1, 19	59	3	2·4	0·01	− 0·44	0	− 0·9	0·01	21
*Anantapur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·41	0	− 0·8	0	...
Bellary	28·364	+ ·026	N 49 W	3·9	83·8	70·6	100·3	+ 3·3	103	9, 10, 29	77·7	+ 0·5	73	1	51	+ 1	2·6	0·16	− 0·60	1	− 0·8	0·10	2
Kurnool	28·900	+ ·024	S 24 W	5·0	87·0	71·1	102·9	− 1·1	106	5 days	78·8	0	71	18	42	− 12	2·6	0	− 0·56	0	− 1·6	0	...
Madras Coast, North																							
Nellore	29·757	+ ·017	S 9 E	5·8	83·8	77·3	97·4	+ 2·4	109	17, 18	77·2	+ 0·1	71	20	73	− 2	3·5	1·46	+ 1·10	1	+ 0·6	1·45	20
Masulipatam	29·815	+ ·001	S 27 W	6·1	84·0	79·0	92·9	− 1·7	108	17	76·7	+ 0·9	72	2, 3, 4	79	− 1	3·7	0·03	− 0·59	0	− 0·9	0·03	20
Cocanada	29·812	+ ·008	S 69 W	5·5	84·2	77·8	95·0	+ 1·1	106	7	77·1	− 1·4	73	1, 2	71	+ 2	5·4	0·05	− 0·51	0	− 0·9	0·05	20
Vizagapatam	29·696	+ ·008	S 86 W	4·6	83·3	77·0	88·4	+ 1·3	95	17	77·8	+ 0·5	73	2	73	+ 2	4·9	0·25	− 0·46	1	− 0·6	0·16	22
Calingapatam	29·804	+ ·011	S 72 W	8·5	84·0	79·0	91·6	+ 1·5	95	17	76·8	+ 1·1	70	3	79	+ 2	3·5	0·45	− 0·71	2	+ 0·1	0·30	22
Gopalpur	29·755	+ ·028	S 18 W	11·3	82·4	77·6	88·7	+ 0·8	91	3	76·7	+ 0·4	68	20	79	+ 3	3·7	0·01	− 0·78	0	− 1·6	0·01	20
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo	26·397	+ ·019	S	3·2	71·1	64·0	84·9	+ 1·1	91	9, 10	60·5	+ 1·3	52	5	68	− 2	3·0	2·00	− 0·09	3	− 0·3	0·99	15
Haka	24·104	...	N 21 E	...	61·9	53·6	74·4	...	81	10	55·6	...	46	15	58	...	0·4	2·89	...	7	...	0·77	15
Kanpetlet *f*	23·934	...	N 65 E	...	67·5	54·7	74·6	...	82	9	58·2	...	50	15	43	...	3·3	3·09	...	4	...	2·01	21
Shillong	25·098	+ ·033	S 61 W	4·0	67·0	56·5	75·7	+ 2·4	85	11	56·8	+ 0·5	48	21, 22	51	− 11	4·1	13·76	− 8·38	11	+ 0·9	4·64	21
Cherrapunji	25·662	+ ·024	S 24 W	6·1	66·5	60·3	73·0	+ 2·8	79	8	59·6	+ 2·0	55	15, 26	70	− 14	5·6	13·21	− 14·98	13	− 4·6	3·36	27
Darjiling	22·918	+ ·015	S 15 W	4·6	55·2	49·0	62·5	0	70	11, 12	49·4	+ 1·0	41	18	66	− 12	3·6	3·25	− 0·60	8	+ 0·6	0·91	18
Kalimpong	25·919	...	N 58 W	7·7	65·3	57·6	75·0	...	83	11	59·5	...	53	1 days	63	...	2·7	2·50	...	4	...	1·37	29
Mukteswar	22·824	+ ·017	W	7·7	57·8	45·3	67·0	+ 1·4	73	16	52·7	+ 3·0	43	1	38	− 3	1·6	0·35	− 1·25	0	− 3·7	0·09	2, 27
Mussooree	23·362	+ ·015	N 79 E	5·5	60·1	48·1	69·5	+ 1·6	76	16	53·6	+ 0·1	45	18, 26	42	− 1	2·3	0·60	...	2	...	0·35	26
Simla	23·097	+ ·026	N 80 E	3·1	60·7	46·3	67·4	+ 1·1	75	16	53·2	+ 2·9	43	26	30	− 6	2·2	0·98	− 0·96	2	− 1·9	0·84	26
*Dharampore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·58	...	1	...	0·58	26
*Dalhousie	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·73	...	3	...	0·42	18
Murree	23·231	...	N 71 E	3·7	58·8	45·3	66·9	+ 0·8	77	15, 16	49·5	+ 1·2	40	4, 17	32	− 17	3·1	1·28	− 2·93	4	− 3·1	0·62	4
Cherat	25·688	+ ·036	N 23 W	9·0	64·7	52·3	77·3	+ 5·2	88	16	59·9	+ 4·4	51	4	40	− 10	3·1	0·83	− 1·83	3	− 2·1	0·40	28
Parachinar	24·436	+ ·046	S 73 W	3·7	61·5	49·7	73·2	+ 5·3	82	14	49·8	+ 3·4	42	4	42	− 14	4·0	2·05	− 2·28	7	− 1·9	0·47	30
Drosh	...	...	E	1·8	56·2	47·2	74·8	+ 5·8	85	15, 27	51·8	+ 2·9	35	5	49	15	2·3	1·38	− 2·77	4	− 4·1	0·57	4
Mount Abu	26·016	+ ·017	N 89 W	5·8	74·2	55·9	83·1	+ 1·2	90	13	66·3	− 2·1	59	16, 17	28	− 2	2·3	0	− 0·13	0	− 0·3	0	...
Pachmarhi	26·433	+ ·040	N 56 W	2·9	79·6	58·9	90·5	+ 1·5	94	5 days	67·0	− 2·3	55	3	26	− 5	5·8	0·27	− 0·05	1	+ 0·3	0·24	25
Mahableshwar	25·548	...	N 79 E	...	75·1	58·5	85·5	...	91	11	66·2	...	58	17	35	...	2·2	0·01	...	0	...	0·01	5
Mercara	26·176	+ ·010	N 25 W	5·6	71·4	66·1	82·9	+ 1·1	87	29	64·7	+ 1·2	60	20	75	− 3	4·0	1·38	− 1·25	3	− 2·0	0·55	23
Kodaikanal	22·813	+ ·022	N 30 E	6·9	60·0	53·2	67·6	− 2·6	72	9	52·9	+ 1·4	50	13	61	+ 6	3·5	4·83	+ 0·58	11	+ 4·0	0·97	24
Coonoor	23·470	...	S 60 E	3·0	68·9	60·9	74·9	...	79	13	56·4	...	53	1, 10	64	...	3·4	2·65	...	6	...	1·01	21
Ceylon																							
Colombo	29·846	+ ·030	S 35 E	4·2	79·9	77·2	87·3	+ 2·1	89	5 days	76·3	+ 0·3	73	4, 11	89	+ 3	5·3	10·97	+ 1·54	12	+ 1·3	4·55	11
Trincomalee	29·737	+ ·048	S 46 W	4·7	80·5	76·7	89·2	− 3·5	95	7	77·5	− 0·1	75	12, 21	83	− 1	3·7	1·30	− 0·54	2	− 0·9	0·70	13
Hambantota	29·778	+ ·001	N 57 W	9·0	80·3	76·6	86·3	− 2·0	92	9	75·8	+ 0·1	70	9	85	− 5	3·4	5·70	+ 2·24	7	+ 1·1	1·35	4
Nuwara Eliya	24·078	...	...	...	56·7	56·0	71·4	...	75	19	48·1	...	42	7, 25	97	...	2·5	2·35	...	4	...	1·15	11
Arabia																							
†Aden	29·794	+ ·023	N 34 E	9·5	80·2	74·1	92·4	+ 4·2	97	25	77·5	− 0·5	72	1, 9	74	− 2	4·0	0	− 0·18	0	− 0·3	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *f*—Mean of 25 days.

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MONTHLY WEATHER REPORT

FOR

May 1932

(Supplement to the Indian Daily Weather Report for the 22nd June 1932)

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Summary.—(1) A cyclone moving from central Bay to east Bengal between 22nd and 25th May associated with advance of monsoon, which became established in Burma on the 23rd; (2) a depression off Malabar associated with a temporary advance of monsoon in the southeast Arabian Sea between the 18th and 26th and heavy rainfall in and near Malabar; (3) defficient precipitation in the plains of northwest India; (4) unusual thunderstorm activity.

Conditions were unsettled in the southwest Bay of Bengal after the 14th and fairly widespread thunderstorm rain occurred in southeast Madras from the 14th to 18th and in the north Madras coast on the 17th and 18th, with scattered thundershowers in Mysore and the south Deccan from the 14th to 18th. These unsettled conditions moved slowly to the central Bay and with an advance of the monsoon in the Bay developed into a depression which was centred within a degree of Lat. 17° N and Long. 87° E on the 23rd morning. During the course of that day, the depression developed into a cyclonic storm of great severity and moving northeastwards, crossed coast on the 24th near Saugor Island. It lay as a deep depression over east Bengal near Mymensingh on the 25th morning which filled up rapidly during the next 24 hours. The cyclone was responsible for widespread and locally heavy rain along and near its track, some of the notable falls being Saugor Island 8″, Calcutta 6″ and Jessore 5″ on the 23rd and Cherrapunji 18″, Shillong 10″, Mymensingh 7″ and Akyab 6″ on the 24th. It is reported that the heavy rain and strong winds associated with this cyclone caused some damage to property in east Bengal. In the wake of this cyclone, the Bay monsoon extended into Burma on the 23rd and remained active there during the last week of the month.

2. A temporary advance of the monsoon occurred in the southeast Arabian Sea on the 18th and conditions became unsettled off Malabar. On the 20th, the unsettled conditions developed into a depression which was centred about 150 miles north of Amini Devi on the 21st morning. The depression moved northwards to off the south Konkan by the next morning, weakening at the same time, and a trough of low pressure persisted off the Konkan-Kanara coast till the 24th. In this connection widespread and locally heavy rain occurred in Malabar between the 18th and 25th, rainfall also extending into Mysore, the Konkan and the Deccan between the 9th and 21st; Calicut had 12″ and Cochin 9″ in 48 hours ending at 8 hours on the 20th, Mercara 6″ on the 18th and Mangalore 5″ on the 19th. After this, the monsoon current began to retreat withdrawing from the southeast Arabian Sea after the 26th. During the period of retreat, very rough seas and gales were experienced along and off Malabar; a gale accompanied by local heavy rain swept over Calicut on the 24th and did considerable damage to railway and telegraph lines and to property in general in that area; newspapers report that about sixteen deaths were caused.

3. Three western disturbances entered northwest India. The first filled up over north Baluchistan and upper Sind after causing nearly general rain in the North-West Frontier Province with a few falls in Kashmir and the north Punjab on the 2nd and light showers along the northwest frontier and in Kashmir on the 3rd. The second filled up over the Punjab after causing local rain in the North-West Frontier Province and Rajputana and a few falls in Sind with scattered duststorms over northwest India on the 16th and a few light thundershowers along the northwest frontier, in Kashmir, the east and north Punjab and east Rajputana on the next day. The third western disturbance accentuated the seasonal low pressure area over northwest India on the 24th and a few falls of rain occurred in Kashmir on the 23rd and fairly widespread rain there and in the Punjab-Kumaon hills on the 24th and 25th, with scattered duststorms in the Punjab and Rajputana on the former date.

4. Weather was disturbed over the Punjab from the 4th to 8th and fairly widespread thunderstorm rain fell in Kashmir and the Punjab-Kumaon hills on the 4th and scattered falls occurred in Kashmir, the Punjab, the west United Provinces and Rajputana on the 5th and in Kashmir and the Punjab-Kumaon hills on the 6th and 8th; scattered duststorms also occurred in the Punjab and upper Sind on the 6th and in the west United Provinces and north Rajputana on the next day. A low pressure area which appeared over the east Central Provinces on the 5th persisted there till the 7th and then filled up, causing fairly widespread rain from the east United Provinces and east Central India to Bengal on the 5th and in northeast India on the next day. Weather was again disturbed over northwest India on the 9th and 10th and local rain occurred in Kashmir from the 9th to 12th and in the North-West Frontier Province on the 11th, with

a few falls in Baluchistan, Sind, and the Punjab on the 9th, and in the North-West Frontier Province and the north Punjab on the 10th.

5. Associated with thunderstorms, nearly general rain occurred in Assam on the 7th and 8th and in Mysore on the 7th and 10th and local rain in Mysore on the 4th, in Assam on the 6th and 10th, in south Hyderabad on the 7th and in the east Central Provinces on the 8th. Fairly widespread rain in Assam and local rain in Malabar also fell during the last week. The month was characterized by unusual activity of destructive thunderstorms, the following being some of the noteworthy ones reported in newspapers:—

(1) During a nor'wester which swept over Majhirgati village in Khulna District in east Bengal on the 1st, four persons died and 100 more were injured and considerable damage was done to cattle and property.

(2) Thirteen persons are reported to have been killed and 120 injured during a severe thunderstorm which swept over five villages in Allahabad District on the 5th night; the mango crop there is reported to have suffered greatly.

(3) A severe nor'wester swept over Mymensingh on the 9th afternoon and resulted in the collapse of the local jail building and the death of 41 persons.

6. The month's rainfall was in large excess in Kashmir, Sind, the Konkan, Malabar and southeast Madras, in moderate excess in Assam, Orissa, the North-West Frontier Province, south Hyderabad and Mysore, in slight excess in the Bay Islands and east Central India and normal in Bengal, the Bombay Deccan and the north Madras coast; it was in slight defect in Upper Burma and Chota Nagpur and in moderate to large defect elsewhere. Averaged over the plains of India, the total rainfall of the month was in defect by 3 per cent.

7. Day temperatures were above normal from Upper Burma to Bihar and Orissa from the 11th to 20th and in northwest India from the 20th to 24th and below it in the Punjab, Kashmir, the North-West Frontier Province and Baluchistan during the first fortnight and in the Madras Presidency between the 17th and 26th; the night temperatures were also below normal in the Punjab, Kashmir, the North-West Frontier Province and Baluchistan from the 6th to 13th. The month's mean maximum and minimum temperatures were below normal in the Punjab and the North-West Frontier Province; the maximum was above normal in Upper Burma, Bihar and the east United Provinces and below it in Kashmir, Baluchistan and the Madras Presidency.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was in slight excess in the Bay Islands, in slight defect in Upper Burma and in moderate defect in Lower Burma. Cloud amount was below normal in Upper Burma where maximum temperature was above normal. Humidity was in defect.

Northeast India, including Orissa.—The total rainfall during the month was in moderate excess in Assam and Orissa, normal in Bengal, in slight defect in Chota Nagpur and in large defect in Bihar. Cloudiness was more than usual in Bihar and Orissa. Humidity was in defect in Chota Nagpur and Bihar and maximum temperature was above normal in the latter sub-division.

The United Provinces, Central India and the Central Provinces.—The total rainfall during the month was in slight excess in east Central India and in large defect elsewhere. Cloud amount was below normal in the east United Provinces, Central India and the east Central Provinces. Humidity was in defect in the United Provinces and Central India. Maximum temperature was above normal in the east United Provinces.

Northwest India.—The month's total rainfall was in large excess in Kashmir and Sind, in moderate excess in the North-West Frontier Province and in moderate to large defect elsewhere. Cloud amount was above normal in the southwest Punjab, Kashmir and Baluchistan and below it in Rajputana. Humidity was in defect in the Punjab, Sind, Rajputana and Gujarat and in excess in Kashmir. Both maximum and minimum temperatures were below normal in the Punjab and the North-West Frontier Province, and the maximum alone in Kashmir and Baluchistan.

The Peninsula.—The total rainfall during the month was in large excess in the Konkan, Malabar and southeast Madras, in moderate excess in south Hyderabad and Mysore, normal in the Bombay Deccan and the north Madras coast and in moderate defect in north Hyderabad and the Madras Deccan. Cloud amount was above normal. Humidity was in defect in north Hyderabad and in excess in Malabar. Maximum temperature was below normal in the Madras Presidency.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:

The 9th June 1932.

C. W. B. NORMAND,

Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	7·62	10·65	−3·03	− 28	+2·1	+ 1·2	− 9	−0·6
2. Assam ...	15·92	12·42	+3·50	+ 28	−0·8	− 0·5	− 1	+0·9
3. Bengal ...	8·92	8·35	+0·57	+ 7	+1·0	+ 1·3	− 2	+0·8
4. Bihar and Orissa ...	1·82	2·47	−0·65	− 26	+0·9	+ 0·6	− 7	+1·1
5. United Provinces ...	0·19	0·81	−0·62	− 77	+1·3	− 0·7	−11	−0·1
6. Punjab ...	0·41	0·70	−0·29	− 41	−2·3	− 2·8	−11	+0·5
7. North-West Frontier Province.	0·83	0·61	+0·22	+ 36	−2·5	− 2·5	− 2	+0·2
8. Sind ...	0·24	0·14	+0·10	+ 71	+0·3	+ 0·9	− 8	−0·2
Sub-division								
1. Bay Islands ...	18·91	15·86	+3·05	+ 19	+1·2	+ 0·4	− 6	+0·2
2. Lower Burma ...	9·77	13·97	−4·20	− 30	+1·3	+ 0·9	− 7	−0·2
3. Upper Burma ...	4·55	5·92	−1·37	− 23	+3·1	+ 1·5	−11	−1·1
4. Assam ...	15·92	12·42	+3·50	+ 28	−0·8	− 0·5	− 1	+0·9
5. Bengal ...	8·92	8·35	+0·57	+ 7	+1·0	+ 1·3	− 2	+0·8
6. Orissa ...	4·34	3·01	+1·33	+ 44	−0·9	+ 0·5	0	+1·3
7. Chota Nagpur ...	1·72	2·15	−0·43	− 20	−·06	+ 0·1	− 7	+1·3
8. Bihar ...	0·71	2·34	−1·63	− 70	+3·6	+ 1·0	−13	+0·9
9. United Provinces, East	0·20	0·92	−0·72	− 78	+2·4	+ 0·1	−14	−0·4
10. Do. do. West.	0·18	0·72	−0·54	− 75	+0·2	− 1·5	− 8	+0·2
11. Punjab, East and North	0·54	0·84	−0·30	− 36	−2·3	− 2·9	−11	+0·3
12. Do. Southwest ...	0·19	0·47	−0·28	− 60	−2·3	− 2·6	−10	+0·8
13. Kashmir ...	2·78	1·71	+1·07	+ 63	−3·4	− 0·7	+ 5	+1·1
14. North-West Frontier Province.	0·83	0·61	+0·22	+ 36	−2·5	− 2·5	− 2	+0·2
15. Baluchistan ...	0·09	0·34	−0·25	− 74	−2·9	0	+ 2	+0·7
16. Sind ...	0·24	0·14	+0·10	+ 71	+0·3	+ 0·9	− 8	−0·2
17. Rajputana, West ...	0·30	0·59	−0·29	− 49	+0·5	+ 0·3	−19	−0·5

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division—*contd.*								
9. Rajputana ...	0·42	0·68	−0·26	− 38	+0·3	−0·7	− 14	−0·5
10. Bombay ...	1·13	1·01	+0·12	+ 12	+0·6	+0·8	− 4	+0·4
11. Central India ...	0·26	0·53	−0·27	− 51	+1·0	−0·3	− 7	−0·8
12. Central Provinces ...	0·32	0·83	−0·51	− 61	+0·5	+1·3	− 1	−0·3
13. Hyderabad ...	1·06	0·99	+0·07	+ 7	−0·2	+0·1	− 1	+1·2
14. Mysore ...	5·35	4·20	+1·15	+ 27	−1·3	+·07	+ 3	+1·2
15. Madras ...	6·46	3·07	+3·39	+110	−3·7	−0·3	+ 3	+1·8
Mean of India ...	3·39	3·50	−0·11	− 3	0	+0·1	− 6	+0·3
Sub-division—*contd.*								
18. Rajputana, East ...	0·47	0·73	−0·26	− 36	+0·2	−1·5	− 11	−0·5
19. Gujarat ...	0	0·29	−0·29	−100	+1·3	+1·2	− 7	−0·4
20. Central India, West ...	0·01	0·63	−0·62	− 98	+0·8	+0·9	− 9	−0·9
21. Do. do. East ...	0·51	0·43	+0·08	+ 19	+1·1	−1·6	− 5	−0·6
22. Berar ...	0·01	0·57	−0·56	− 98	0	+1·7	− 2	+0·3
23. Central Provinces, West.	0·24	0·61	−0·37	− 61	+0·6	+0·8	− 2	−0·2
24. Do. do. East.	0·60	1·29	−0·69	− 53	+0·7	+1·8	+ 1	−0·8
25. Konkan ...	3·21	2·01	+1·20	+ 60	−0·7	−0·1	+ 1	+0·2
26. Bombay Deccan ...	1·24	1·29	−0·05	− 4	+0·2	+0·7	− 3	+1·5
27. Hyderabad, North ...	0·56	0·94	−0·38	− 40	+0·1	+0·9	− 4	+1·9
28. Do. South ...	1·43	1·04	+0·39	+ 37	−0·4	−0·3	+ 1	+0·8
29. Mysore ...	5·35	4·20	+1·15	+ 27	−1·3	+0·7	+ 3	+1·2
30. Malabar ...	26·47	8·71	+17·76	+204	−2·8	−0·7	+ 5	+2·0
31. Madras, Southeast ...	3·46	2·12	+1·34	+ 63	−4·5	−0·2	+ 3	+2·5
32. Do. Deccan ...	0·90	1·75	−0·85	− 49	−2·5	0	0	+1·4
33. Do. Coast, North...	1·81	1·76	+0·05	+ 3	−3·8	−0·5	+ 2	+1·0

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·718	- ·011	S 87 W	4·5	81·8	76·7	89·9	+ 1·2	94	9, 11, 15	78·8	+ 0·4	71	29	79	- 6	7·2	18·91	+ 3·05	16	0	6·15	31
Lower Burma																							
Victoria Point ...	29·679	+ ·005	S 82 E	5·5	82·5	77·9	87·9	+ 1·2	92	16	77·3	+ 1·0	73	31	79	- 6	8·3	10·43	- 6·65	13	- 5·6	4·24	28
Mergui ...	29·743	- ·004	S 56 E	...	81·7	78·2	89·6	+ 0·6	97	21	76·1	+ 1·7	72	30	85	- 3	3·5	10·42	- 6·51	11	- 6·4	1·82	29
Tavoy ...	29·798	0	S	2·8	81·7	74·3	91·3	+ 2·4	97	18	76·0	+ 0·5	73	26, 27	69	- 18	6·4	13·98	- 8·73	13	- 5·3	4·62	26
Amherst ...	29·733	...	S S W	8·6	82·7	78·2	89·0	...	93	16, 17	78·1	...	72	22	81	...	8·4	20·52	...	15	...	4·02	22
Rangoon ...	29·764	+ ·001	S 41 W	3·2	82·3	77·7	94·5	+ 2·8	102	3, 4	77·7	+ 0·5	75	4 days	81	- 5	5·9	4·43	- 7·55	10	- 3·6	0·82	28
Bassein ...	29·748	+ ·001	N 63 W	3·9	84·7	77·5	95·1	+ 3·3	102	5, 7	77·5	+ 0·2	71	24	71	- 13	5·7	6·00	- 3·84	8	- 3·4	1·06	26
Diamond Island* ..	29·721	- ·009	S 89 W	6·1	83·7	78·3	87·6	- 1·0	91	18, 19	79·9	+ 0·9	62	27	77	- 1	5·9	11·64	+ 1·04	10	- 0·9	4·46	26
Gwa ...	29·759	...	N 6 W	9·1	83·7	79·1	89·9	...	96	21	79·5	...	72	27	81	...	4·8	8·61	- 4·04	10	- 1·2	2·05	26
Toungoo ...	29·618	+ ·006	S 31 E	...	83·3	77·2	97·5	+ 1·8	107	5	78·1	+ 1·5	73	7, 20	75	- 6	5·9	7·95	+ 0·23	10	- 0·5	1·76	20
Kyaukpyu ...	29·731	- ·001	S 53 W	5·1	84·6	79·5	90·1	+ 0·9	96	7	79·7	+ 2·0	74	27	79	- 3	5·2	11·54	- 4·70	8	- 4·0	4·38	25
Akyab ...	29·727	- ·003	N 73 E	8·1	83·5	77·8	90·2	- 0·3	93	8, 20, 22	77·7	0	73	7	77	- 7	6·7	12·73	- 1·22	9	- 1·5	6·15	25
Upper Burma																							
Minbu ...	29·555	- ·018	S 41 E	5·2	87·9	77·0	102·9	+ 4·3	110	13	80·9	+ 2·2	76	25	59	- 13	2·1	2·22	- 3·42	3	- 3·7	1·07	25
Yamethin ...	29·101	- ·003	S 4 E	4·8	84·8	75·2	100·0	+ 3·3	106	15	78·5	+ 1·8	74	22	62	- 13	2·7	1·73	- 4·07	3	- 4·9	1·25	22
Mandalay ...	29·478	- ·015	S	4·1	87·5	78·0	102·0	+ 2·2	108	13	81·5	+ 2·5	70	13	64	- 3	3·5	5·64	- 0·21	7	- 0·8	2·20	13
Monywa ...	29·452	- ·016	S 37 E	3·4	87·1	75·6	104·2	+ 4·1	112	13, 19	80·4	+ 1·6	74	4 days	57	- 11	4·0	3·63	- 1·39	6	- 0·6	2·16	23
Lashio ...	27·004	+ ·010	N 72 E	3·2	74·8	67·5	90·8	+ 3·6	98	18,19,20	67·4	+ 0·6	62	4, 5	66	- 14	5·0	6·50	- 0·41	8	- 3·6	2·98	30
Bhamo ...	29·343	- ·009	N 24 E	3·1	79·5	72·4	95·7	+ 2·3	106	20	73·4	+ 1·3	67	4	70	- 11	5·0	3·88	- 2·26	9	- 1·1	1·03	24
Myitkyina ...	29·268	+ ·003	N 28 E	4·2	78·1	71·3	93·5	+ 2·2	105	19, 20	72·6	+ 0·4	66	4	69	- 10	6·0	8·27	+ 2·21	7	- 2·2	3·17	26
Assam																							
Dibrugarh ...	29·398	- ·009	N 51 E	1·1	73·5	70·9	82·1	- 2·3	93	19	69·7	- 1·1	63	3	88	- 1	6·5	20·61	+ 9·43	24	+ 8·9	2·95	13
Sibsagar ...	29·422	- ·001	N 47 E	5·9	74·7	72·5	83·9	- 1·5	95	19	70·9	- 0·6	65	3, 4, 9	90	0	9·1	18·29	+ 6·40	22	+ 6·4	3·98	10
Tezpur ...	29·480	- ·015	N 78 E	3·6	75·7	72·8	85·5	- 1·4	94	15,19,20	71·8	- 0·5	66	9	86	0	7·4	17·36	+ 7·41	18	+ 3·7	5·14	26
Gauhati ...	29·532	- ·022	S 53 E	3·4	76·8	73·2	86·9	- 1·1	97	15, 20	69·0	- 3·3	63	8	84	0	6·9	8·23	- 0·48	13	0	1·58	25
Dhubri ...	29·592	- ·015	N 81 E	9·3	76·2	73·3	84·9	- 1·4	93	3, 15	72·2	- 0·9	67	3	86	0	6·3	17·85	+ 3·16	15	+ 0·1	4·70	31
Silchar ...	29·647	- ·005	N 83 E	1·9	78·8	74·8	89·5	+ 0·8	97	19	73·3	+ 0·7	65	1	82	- 3	6·2	19·59	+ 4·00	12	- 4·1	4·86	10
Srimangal ...	29·656	+ ·002	S 45 E	...	81·2	77·4	92·5	+ 1·3	98	19	74·4	+ 2·4	65	3, 4	83	- 2	5·6	9·52	- 5·44	10	- 4·1	1·72	6
Bengal																							
Cox's Bazar ...	29·713	+ ·016	S 35 E	4·3	84·0	78·5	89·4	+ 0·8	92	4 days	76·6	+ 1·4	69	4	77	- 7	6·9	4·93	- 8·17	9	- 2·1	2·41	25
Chittagong ...	29·652	+ ·004	S 38 E	9·2	82·0	77·1	89·5	+ 0·7	95	19	76·5	+ 1·1	67	4	79	- 3	5·5	9·97	+ 0·45	9	- 1·8	3·47	26
Noakhali ...	29·684	- ·017	S 7 E	7·0	83·8	79·5	89·7	+ 0·6	95	19	79·2	+ 3·3	68	4	81	- 1	5·2	5·04	- 6·36	5	- 5·6	1·80	24
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·26	- 1·51	7	- 4·5	2·45	9
Narayanganj ...	29·667	- ·018	S 12 E	6·1	82·6	78·2	91·5	+ 0·5	96	18,19,20	77·0	+ 1·1	67	2	81	- 2	6·1	10·53	+ 1·12	7	- 4·0	3·14	25
Mymensingh ...	29·642	- ·019	S 56 E	1·2	80·6	77·0	91·1	+ 2·0	99	21	75·3	+ 0·9	67	3	85	+ 1	7·5	13·42	+ 0·88	7	- 6·1	6·71	25
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12·32	+ 3·28	5	- 6·0	4·10	25
Barisal ...	29·686	- ·007	S 7 W	5·5	84·5	79·2	91·6	+ 0·1	97	19,20,21	78·5	+ 1·9	70	6	77	- 4	5·3	8·27	- 0·75	5	- 4·8	4·24	24
Khulna ...	29·667	...	S	7·5	83·1	79·4	92·6	...	97	4 days	77·4	...	70	6	85	...	7·5	13·34	...	8	...	6·07	24
Jessore ...	29·650	- ·010	S 8 W	6·6	83·9	79·6	94·5	...	103	20	77·4	...	69	6, 7	81	- 1	5·1	10·22	+ 2·14	5	- 4·4	5·33	24
Satkhira ...	29·663	...	S 36 W	4·8	84·5	79·7	95·3	...	103	20	78·4	...	70	6	79	...	5·4	10·85	...	6	...	5·57	24
Calcutta ...	29·646	- ·010	S 20 W	5·6	83·6	79·1	94·8	+ 0·2	104	1	79·3	+ 1·7	70	7	81	+ 2	5·5	11·74	+ 5·99	7	- 0·3	6·04	24
Saugor Island ...	29·661	- ·007	S 19 W	18·6	84·0	80·0	87·5	- 3·9	90	22, 23	80·9	+ 0·3	70	7	83	+ 2	7·5	18·77	+ 14·36	5	- 0·8	7·98	24
Sandheads ...	29·650	- ·041	S 29 W	...	83·5	77·8	...	...	...	...	...	...	...	...	77	- 8	4·8	6·99	+ 4·78	4	0	2·96	23
Midnapore ...	29·515	- ·002	S 3 E	5·5	84·0	78·8	97·9	- 1·6	112	2	78·7	+ 0·5	71	7	79	+ 5	4·5	6·79	+ 1·47	10	+ 2·7	2·03	24
Burdwan ...	29·557	- ·013	S 9 E	4·3	83·5	78·8	99·0	+ 1·4	108	20	78·6	+ 1·2	69	7	81	+ 3	3·9	8·62	+ 2·49	8	+ 6·9	2·80	24
*Krishnagar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·59	+ 6·59	7	- 0·9	5·39	25
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·34	- 0·50	7	+ 0·9	1·47	6
Asansol ...	29·227	...	S 6 W	5·3	86·1	74·9	101·4	+ 0·3	111	12	79·5	+ 1·7	69	6	58	- 14	4·5	3·80	- 0·24	5	- 0·3	1·50	6
Berhampore ...	29·603	- ·010	S 7 E	5·4	85·6	78·8	101·3	+ 4·7	111	15,16,17	78·5	+ 2·1	70	25	72	- 8	5·8	6·98	+ 1·47	5	- 2·4	4·26	25
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·08	+ 0·51	5	- 2·4	2·10	25
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·93	+ 1·05	6	- 4·2	2·76	24
Bogra ...	29·625	- ·013	S 47 E	4·1	83·1	77·6	95·6	+ 3·4	106	14	76·1	+ 1·8	69	22	77	- 4	7·7	6·83	- 1·67	5	- 4·9	2·46	25
*Malda ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·42	+ 0·92	3	- 2·8	4·40	25
Dinajpur ...	29·550	- ·023	E	3·8	81·9	74·9	95·5	+ 3·6	106	14,15,16	74·8	+ 0·9	69	22	71	- 9	6·3	3·82	- 3·77	6	- 2·9	1·62	25
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·73	- 4·20	11	- 0·7	1·76	31
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17·40	+ 1·60	16	+ 1·7	5·23	30
Jalpaiguri ...	29·423	- ·022	S 83 E	4·8	80·2	78·8	92·7	+ 3·6	101	15	72·8	+ 0·4	67	7	93	+ 10	5·1	8·08	- 2·99	11	- 1·4	3·60	30

* Reports only rainfall. *a*—Mean of 30 days. *g*—Mean of 24 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·662	−·002	S 18 W	8·3	84·9	79·0	96·1	−0·8	105	4, 16	79·3	+1·1	72	7	76	+1	6·8	8·36	+3·35	4	−2·1	3·54	23
Chandbali	29·659	...	S 24 W	12·6	84·8	79·5	96·9	...	106	4	78·8	...	70	7	77	...	4·4	5·54	...	4	...	3·31	24
Puri	29·658	−·002	S 27 W	14·2	84·0	80·5	87·6	−2·3	91	22	81·2	+0·4	71	7	85	0	5·0	5·84	+3·01	2	−1·4	3·75	23
Cuttack	29·594	+·005	S 34 W	4·3	85·9	79·5	100·2	−1·6	108	4	79·9	0	71	7	73	0	5·3	1·15	+0·20	3	−2·6	1·88	24
Angul	29·218	+·007	S 61 E	4·7	84·9	77·2	102·3	−0·7	109	4, 28	79·4	+1·0	71	7	70	+1	5·0	1·15	−0·83	4	−0·7	0·45	7
Sambalpur	29·173	−·001	S 8 E	4·2	89·1	75·4	106·3	+0·1	113	28	81·3	+0·2	72	7	50	−2	4·1	2·18	+0·93	3	+0·6	1·36	29
Chota Nagpur																							
Jamshedpur	29·221	...	N 80 W	3·8	85·9	76·1	101·3	...	109	20	79·5	...	69	7	61	...	3·5	4·49	...	5	...	2·06	22
Chaibasa	28·926	+·007	S 36 W	3·1	87·6	78·3	103·1	+0·1	113	27	79·5	+1·4	68	7	64	0	5·7	2·28	−0·95	1	−1·8	0·72	29
Ranchi	27·514	+·005	S 27 W	3·6	84·0	69·2	97·7	−0·8	108	27	74·7	−0·6	63	6	45	−7	3·4	1·91	−0·50	5	+0·1	0·97	6
*Hazaribagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·77	−0·51	3	−1·1	1·24	7
Daltonganj	28·903	−·009	N 10 E	4·5	90·3	71·4	105·1	−1·2	113	27	78·3	−0·4	64	6	36	−13	1·7	0·91	+0·29	2	+0·6	0·81	6
Bihar																							
Purnea	29·534	−·031	N 82 E	3·1	82·2	74·9	97·8	+2·9	107	16	71·8	+0·5	65	7	69	−8	4·2	2·43	−1·97	4	−1·6	0·98	28
Darbhanga	29·474	−·031	N 87 E	11·3	84·6	75·3	100·5	+4·8	108	16	76·8	+1·0	68	7	62	−10	1·1	0·19	−2·59	1	−3·1	0·12	7
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·98	−1·39	1	−2·6	0·90	22
Motihari	29·415	...	S 78 E	5·3	86·1	75·4	101·5	...	109	21	75·2	...	68	3, 7	59	...	1·9	0·24	−2·74	1	−3·2	0·21	24
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	−1·56	0	−2·0	0·01	6
Patna	29·464	−·004	N 73 E	3·4	87·9	73·9	104·8	+5·1	111	18, 21	78·5	+0·8	63	6	49	−15	3·5	0·05	−1·62	0	−2·9	0·05	6
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	−1·40	0	−2·2	0·01	16
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·10	−0·73	1	−0·5	0·10	6
Gaya	29·263	−·002	S 63 W	4·1	92·6	72·2	107·2	+2·8	114	31	81·0	+1·3	71	6	33	−21	2·3	1·41	+0·32	2	+0·2	1·19	17
Naya Dumka	29·163	−·011	S 45 E	3·8	86·0	74·8	101·0	+2·3	111	13,16,17	78·6	+1·6	70	25	58	−9	4·4	1·66	−1·87	3	−2·1	0·87	25
Sabour	29·518	...	S 81 E	6·8	84·1	74·0	102·0	...	110	15	76·4	...	70	1, 8	60	...	1·5	0·68	−2·41	1	−0·1	0·23	28
United Provinces, East																							
Gorakhpur	29·376	−·019	N 74 E	3·4	87·6	73·2	104·2	+3·7	112	21	77·5	+0·9	68	7	47	−15	1·6	0·52	−0·95	1	−1·8	0·48	6
Benares	29·370	−·017	S 10 W	4·4	90·8	71·8	107·0	+2·0	114	31	79·3	+0·5	72	7	36	−15	1·1	0·24	−0·37	1	−0·2	0·21	6
Allahabad	29·319	−·003	S 7 E	4·5	91·5	69·9	108·4	+1·8	116	31	78·8	−0·8	71	7	30	−12	1·9	0·20	−0·14	1	+0·1	0·20	6
Fatehpur	29·213	...	S 72 W	3·4	92·4	69·6	107·8	...	114	30	79·1	...	70	7	27	...	1·1	0·01	...	0	...	0·01	6
Cawnpore	29·205	−·007	S 27 W	2·4	89·8	71·3	107·6	+1·9	115	31	78·9	−0·5	69	7	37	−8	0·7	0·14	−0·26	1	−0·1	0·13	6
Lucknow	29·252	−·015	N 52 W	3·6	89·8	70·7	106·5	+1·7	114	31	78·1	+0·4	67	7	36	−10	1·5	0·04	−0·97	0	−1·5	0·02	5, 6
Bahraich	29·209	−·024	S 72 E	5·5	88·4	69·5	104·8	+3·1	113	22	76·9	+0·1	66	7	34	−23	0·9	0·08	−1·59	0	−2·8	0·08	7
Gonda	29·275	...	N 66 E	4·8	86·2	70·9	104·6	...	112	21, 22	77·1	...	65	7	41	...	1·5	0·57	...	2	...	0·35	6
United Provinces, West																							
Jhansi	28·812	−·023	S 45 W	1·4	93·2	68·4	108·4	+0·2	116	26	81·0	−2·7	68	6, 7	22	−15	1·5	0·06	+0·28	1	−0·2	0·66	6
Agra	29·065	−·015	N 64 W	4·0	89·5	66·7	105·7	−1·8	113	30, 31	76·2	−0·8	68	2	25	0	0·7	0·06	−0·41	0	−1·4	0·06	5
Mainpuri	29·092	−·020	S 45 E	4·7	91·0	71·9	107·1	+0·4	116	30	75·8	−2·7	69	7	36	−5	1·9	0·01	−0·51	0	−1·3	0·01	8
Aligarh	29·008	...	N 16 W	7·9	89·8	72·6	105·0	...	111	23	76·9	...	71	15	40	...	0·7	0	...	0	...	0	...
Bareilly	29·056	−·007	E	3·1	85·8	67·5	104·5	+1·7	112	31	75·9	−0·5	66	7	31	−15	1·8	0·11	−0·62	1	−0·7	0·11	7
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	−0·59	0	−1·6	0·06	8
Roorkee	28·741	+·004	N	3·8	86·4	66·5	101·9	−0·1	112	31	72·8	−1·2	66	3	31	−10	2·0	0·12	−0·72	0	−1·9	0·09	2
Dehra Dun	27·447	+·004	N 54 W	2·8	77·1	63·2	96·2	+0·8	105	22, 31	69·0	−1·3	59	2	43	−2	3·1	0·24	−1·20	1	−2·3	0·20	25
Punjab, East and North																							
Delhi	28·910	...	N 84 W	4·0	88·5	67·6	102·5	...	110	22,30,31	76·1	...	69	2, 8	29	...	1·3	0·20	−0·38	1	−0·8	0·20	8
Hissar	28·913	+·016	S 25 E	4·3	88·5	68·9	105·1	−1·4	116	24	73·2	−3·9	64	2	33	−5	1·7	0·26	−0·33	1	−0·5	0·17	18
Ambala	28·736	+·003	S 31 W	4·7	86·5	65·3	103·1	−0·6	113	23, 31	73·9	−1·4	67	2, 5, 16	27	−16	2·0	1·28	+0·41	2	+0·3	1·07	26
Ludhiana	28·822	+·013	N 56 E	2·5	87·5	65·6	102·8	−1·1	115	24	71·4	−4·3	61	12	26	−13	1·7	0·47	−0·17	1	−0·6	0·36	26
Lahore	28·940	+·030	N 18 E	2·5	86·0	67·2	100·7	−4·2	116	24	70·7	−3·0	62	15	33	−9	2·1	0·28	−0·42	2	+0·6	0·16	11
Sialkot	28·821	+·032	N 29 E	3·1	84·4	65·8	99·0	−3·4	114	23	71·8	−2·6	61	13	33	−10	2·5	0·45	−0·68	3	+0·7	0·13	25
Rawalpindi	28·009	+·024	N 28 W	3·5	82·5	61·7	95·1	−2·8	113	24	66·1	−2·2	57	7, 13	26	−15	2·6	0·82	−0·52	4	+1·2	0·22	7

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days.

TABLE II—ABSTRACT OF 8 HRS. (LOCAL TIME) OBSERVATIONS—MAY 1932

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	29·036	+ ·025	N 53 E	6·3	88·0	68·1	101·0	− 2·8	117	31	72·1	− 4·6	62	8	31	− 3	2·2	0·18	− 0·61	1	− 0·7	0·10	6
Lyallpur ...	29·048	+ ·040	N 68 E	3·3	86·5	66·2	101·0	− 1·8	116	24	73·0	− 0·6	63	8	29	− 11	2·3	0·13	− 0·25	1	− 0·4	0·11	6
Montgomery ...	29·063[a]	+ ·017	S 64 E	2·8	85·6	...	102·7	− 3·7	118	24	73·7	− 3·8	66	5	...	...	1·9	0·34	− 0·01	1	− 0·1	0·25	10
Multan ...	29·215	+ ·035	N 39 W	2·7	89·3	68·0	105·9	− 0·7	122	24	77·0	− 1·3	66	10	28	− 15	2·1	0·11	− 0·24	0	− 0·8	0·09	9
Bahawalpur ...	29·244[a]	...	S 88 E	3·6	89·0	73·5	105·7	...	120	24	74·5	...	67	10	45	...	1·7	0	...	0	...	0	...
Khanpur ...	29·337	...	N	5·3	87·3	70·8	108·0	...	121	24	73·6	...	66	11, 14	41	...	1·3	0·04	...	0	...	0·03	10
Kashmir																							
Srinagar ...	24·844	+ ·027	N 53 W	3·0	57·1	53·0	72·1	− 5·1	90	31	49·7	− 1·1	44	8, 15	77	− 8	4·7	3·69	+ 1·42	10	+ 4·7	0·82	1
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·23	+ 4·52	15	+ 6·1	1·27	1
Dras ...	20·798	+ ·003	S 45 W	3·8	42·5	38·2	57·0	− 2·2	70	22	34·8	+ 1·8	28	2, 9	70	+ 1	5·3	3·43	+ 1·04	11	+ 6·0	0·50	5
Leh ...	19·705	− ·008	S 40 E	4·1	45·7	35·9	60·0	− 3·9	69	22, 23	35·5	− 1·4	30	13,14,15	40	+ 1	5·4	0·12	− 0·09	0	− 0·7	0·05	26
Skardu ...	22·840	+ ·012	Calm	6·3	57·7	51·0	71·1	− 1·6	85	22,23,31	48·9	− 1·0	41	6	65	+ 13	4·8	0·09	− 0·87	0	− 2·0	0·06	26
Gilgit ...	25·000	− ·075	S 45 W	1·1	65·7	58·5	79·6	− 4·2	94	22,23,31	58·5	− 1·7	48	9	66	+ 17	4·8	0·11	− 0·62	0	− 2·2	0·04	9
North-West Frontier Province																							
Peshawar ...	28·533	+ ·024	S 83 E	3·1	84·5	65·8	94·9	− 1·9	111	30, 31	68·8[a]	− 1·4	58	7	34	+ 1	3·1	1·17	+ 0·35	3	+ 1·0	0·59	7
Miranshah[a] ...	26·792	...	Calm	1·0	74·6	64·4	85·9	...	98	26, 27	65·3	...	54	15, 18	56	...	0·5	2·57	...	3	...	0·88	17
Dera Ismail Khan ...	29·093	+ ·043	N 65 E	2·5	86·6	70·6	100·5	− 3·2	117	24	71·2	− 3·6	63	6	43	− 5	1·4	0·50	+ 0·10	1	+ 0·1	0·50	6
†Baluchistan																							
Fort Sandeman ...	25·304	+ ·015	N 23 W	4·3	69·1	52·6	88·1	− 3·9	102	23, 24	61·3	− 2·5	49	1	29	− 8	1·6	0·10	− 0·64	1	− 0·3	0·10	18
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·48	0	− 0·8	0	...
Quetta ...	24·622	− ·012	S 10 E	4·8	64·1	50·5	83·8	− 0·9	97	22, 23	54·0	− 1·5	39	10	36	− 1	2·3	0·38	+ 0·01	1	0	0·32	10
Chaman ...	25·578	− ·012	S	4·8	74·8	55·5	88·0	− 2·9	101	22, 23	65·4	+ 1·1	53	10	24	− 12	1·7	0·03	− 0·09	0	− 0·4	0·03	4
Kalat ...	23·715	+ ·018	S 10 W	7·0	61·0	54·8	80·0	− 3·2	94	23	48·4	+ 3·6	39	10	69	+ 21	1·4	0·04	− 0·18	0	− 0·8	0·03	4
Dalbandin ...	26·978	+ ·008	Calm	2·8	75·0	61·0	98·3	− 3·4	110	22	65·9	− 0·9	50	10	42	+ 11	0·7	0	− 0·13	0	− 0·3	0	...
Las Bela ...	29·416	...	N 71 E	3·1	86·2	78·1	106·7	...	119	25	73·0	...	66	13	68	...	2·2	0·20	...	0	...	0·09	17
Sind																							
Jacobabad ...	29·414	− ·011	S 84 E	4·0	93·1	69·1	110·0	− 2·1	123	24	79·7	+ 1·0	66	10	25	− 19	0·6	0·10	− 0·04	1	+ 0·6	0·10	10
Sukkur ...	29·427	...	S 88 E	3·4	86·3	68·5	107·2	...	119	24	78·1	...	69	10	37	...	0	0·02	...	0	...	0·02	10
Chor ...	29·627	...	S 36 W	7·1	88·6	75·2	111·8	...	124	24	77·2	...	71	26	51	...	0·2	0	...	0	...	0	...
Hyderabad ...	29·557	+ ·004	S 45 W	7·2	91·8	74·7	110·2	+ 3·2	121	25	79·7	+ 1·5	75	6, 10, 17	42	− 13	1·2	0·63	+ 0·43	1	+ 0·6	0·54	17
Karachi ...	29·676	− ·012	S 73 W	10·1	82·9	79·7	88·8	− 0·1	96	25, 26	79·0	+ 0·3	77	8	87	+ 7	2·2	0	− 0·07	0	− 0·1	0	...
Badin ...	29·626	...	S 83 W	9·0	88·2	76·9	107·7	...	119	23,25,26	77·2[j]	...	72	2	57	...	1·2	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	28·880	+ ·022	S 40 E	4·7	89·7	65·4	105·4	− 2·0	117	24	81·0	− 1·3	71	5	21	− 23	0·5	0·47	− 0·25	2	+ 0·7	0·28	7
Jodhpur ...	28·876	− ·017	S 28 W	5·0	91·2	68·9	109·1	+ 3·1	120	21, 25	81·8	+ 2·0	72	6	27	− 14	0·9	0·13	− 0·32	1	− 0·1	0·13	6
Barmer ...	28·994	...	S 82 W	5·8	90·4	78·0	108·0	...	120	24	82·2	...	70	7	55	...	0·1	0·94	...	2	...	0·66	7
Rajputana, East																							
Jaipur ...	28·259	+ ·007	N 52 E	3·1	92·2	67·3	106·6	+ 0·5	118	25	76·9	− 1·2	69	8	23	− 14	0·3	0·41	− 0·17	2	+ 0·5	0·28	5
Ajmer ...	28·078	− ·012	S 46 W	5·1	89·6	67·1	103·2	− 0·2	113	24, 25	78·5	− 1·6	69	6	27	− 16	1·4	1·03	+ 0·43	2	+ 0·4	0·76	17
Kotah ...	28·816	− ·015	N 49 W	3·6	95·4	71·3	108·5	+ 0·2	118	25	83·4	− 1·6	73	6	26	− 3	0·5	0·06	− 0·53	0	− 1·3	0·06	6
Jhalrapatan ...	28·617	...	S 75 W	4·5	91·7	70·5	107·4	...	116	25	80·0	...	72	1, 6	34	...	0·4	0·18	...	1	...	0·18	6
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·40	− 0·74	1	− 1·2	0·35	18
Gujarat																							
Deesa ...	29·223	− ·038	S 61 W	4·7	90·4	73·0	110·8	+ 3·8	121	23, 25	79·2	+ 1·8	74	12, 13	40	− 17	1·3	0·01	− 0·42	0	− 0·7	0·01	6
Bhuj ...	29·340	− ·037	S 80 W	7·3	87·2	73·0	104·7	+ 3·5	117	23	78·2	+ 1·6	74	1, 8	49	− 18	0·5	0	− 0·07	0	− 0·2	0	...
Dwarka ...	29·686	− ·031	S 83 W	12·5	83·6	78·5	88·3	+ 0·2	91	25	81·1	+ 0·8	79	1	79	− 2	2·5	0	− 0·01	0	0	0	...
Rajkot ...	29·274	− ·040	S 89 W	11·1	84·6	75·1	107·2	+ 2·1	117	23	76·5	+ 1·4	71	11	62	− 5	2·9	0	− 0·43	0	− 0·6	0	...
Veraval ...	29·723	− ·030	N 59 W	8·4	83·7	78·2	86·7	+ 0·5	97	14	78·1	− 0·5	74	1	77	− 5	2·4	0	− 0·31	0	− 0·4	0	...
Surat ...	29·698	− ·038	S 42 W	6·3	87·3	78·5	98·5	+ 1·1	107	15, 19	80·4	+ 1·9	76	2	66	− 1	3·6	0	− 0·24	0	− 0·4	0	...
Bhavnagar ...	29·673	− ·036	S 89 W	6·0	87·9	76·2	106·3	+ 1·3	113	23	79·5	+ 1·3	75	1, 8, 10	57	− 7	1·5	0	− 0·44	0	− 0·9	0	...
Ahmadabad ...	29·548	− ·040	S 78 W	4·7	87·8	75·8	105·7	− 1·7	114	23	80·2	+ 1·0	75	9	55	− 4	1·2	0	− 0·43	0	− 0·7	0	...
Dohad ...	29·720	...	S 59 W	6·8	88·3	74·9	104·9	...	113	23	79·2	...	76	1, 14	51	...	0·7	0	...	0	...	0	...

*Reports only rainfall. †Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). [a]—Mean of 30 days. [j]—Mean of 21 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	28·074	−·021	S 76 W	5·4	90·2	74·9	104·4	+0·8	112	24	77·7	+0·5	69	1	47	−2	0·5	0·03	−0·64	0	−1·4	0·02	6
Indore	27·891	−·029	N 66 W	5·4	87·9	68·4	103·7	+0·8	110	24	77·5	+1·4	71	1	34	−16	0·2	0	−0·58	0	−1·5	0	...
Bhopal	28·056	...	N 61 W	4·5	90·3	68·5	105·5	...	112	25	79·1	...	70	1	30	...	0·6	0	...	0	...	0	...
Guna	28·058	...	S 35 W	5·1	90·6	67·8	106·5	...	115	25	76·7	...	68	7	27	...	0·4	0	...	0	...	0	...
Central India, East																							
Nowgong	28·889	−·008	S 48 W	2·7	92·6	71·2	107·9	+0·9	116	26	77·1	−2·6	57	6	31	−4	1·8	0·91	+0·52	1	0	0·87	6
Satna	28·601	0	S 36 W	4·7	92·6	68·2	106·6	+1·4	114	26	79·0	−0·6	70	7	25	−7	1·9	0·10	−0·38	0	−1·3	0·07	6
Umaria	28·166	...	S 56 W	3·3	92·2	69·0	105·9	...	113	26	79·2	...	70	1	27	...	1·6	0·02	...	0	...	0·02	18
Berar																							
Akola	28·761	−·029	N 88 W	7·6	90·6	72·0	108·3	+0·3	111	4 days	82·2	+1·2	75	22	37	−2	1·1	0·01	−0·45	0	−1·1	0·01	21
Amraoti	28·474	−·019	S 37 W	7·1	89·2	...	107·2	−0·3	113	25	82·5	+2·2	77	1	...	...	3·8	0	−0·68	0	−1·6	0	...
Central Provinces, West																							
Khandwa	28·645	−·031	N 78 W	7·4	89·5	71·3	108·6	+1·9	113	23, 26	81·4	+0·4	73	1	39	−3	0·2	0	−0·42	0	−0·9	0	...
Hoshangabad	28·690	−·019	S 69 W	3·0	90·5	71·7	107·7	+0·8	113	25, 26	81·9	+2·5	75	1, 2	37	+2	0·8	0·50	−0·08	1	−0·2	0·50	19
Saugor	27·903	+·014	N 84 W	4·5	90·5	66·5	104·6	−0·1	111	25, 26	79·5	+0·5	70	6	25	−8	0·8	0·01	−0·19	0	−1·1	0·01	23
Jubbulpore	28·350	+·006	S 18 W	3·2	89·7	69·1	106·1	+0·8	112	26	78·4	−0·1	69	1	32	−2	3·6	0·24	−0·29	1	−0·3	0·18	18
Seoni	27·678	−·004	N 42 W	3·5	91·8	69·3	104·1	+0·7	110	26	77·1	+1·0	72	1	29	−4	0·6	0·07	−0·72	0	−2·1	0·05	15
Nagpur	28·652	−·011	N 85 W	4·6	90·8	70·9	107·9	−0·7	114	31	82·1	+0·3	73	15	35	+2	3·7	0·64	−0·19	2	−0·1	0·42	15
Central Provinces, East																							
Pendra	27·650	−·011	S 28 W	5·5	88·3	70·3	101·8	+2·6	108	26, 27	77·8	+1·3	67	7	38	+4	3·1	0·43	−0·53	2	−0·4	0·23	7
Raipur	28·688	−·007	S 45 W	4·8	93·0	71·4	107·4	+0·6	115	29	83·9	+2·3	79	4 days	32	−5	1·5	0·02	−0·98	0	−2·3	0·02	20
Kanker	28·361	...	S 41 W	5·1	87·5	74·8	102·8	...	108	30	80·1	...	70	14	54	...	5·1	4·85	...	5	...	1·80	14
Chanda	29·031	−·026	S 16 W	4·4	92·7	75·5	107·9	−1·3	113	28, 31	84·1	+2·2	77	8	42	+4	1·8	0·14	−0·57	1	−0·7	0·14	14
Jagdalpur	27·897	−·015	S 34 W	5·6	84·1	73·6	100·3	+1·1	109	29	76·1	+1·4	67	13	60	+1	1·3	1·82	−0·69	7	+1·5	0·40	11
Konkan																							
Bombay	29·725	−·042	N 68 W	6·9	84·5	78·3	92·2	+1·4	95	14	80·1	+0·8	77	2, 22, 23	75	+1	4·5	0·57	−0·27	2	+1·2	0·37	22
Ratnagiri	29·553	−·045	N 49 W	7·7	84·4	77·4	88·6	−2·2	93	14	79·2	−0·5	73	20, 21, 22	71	+1	1·2	2·72	+1·36	3	+1·5	1·23	21
Marmagao	29·568	−·033	N 12 W	8·6	83·0	77·6	87·5	...	89	5 days	79·0	...	74	20	77	...	6·5	4·33	+1·70	3	+0·3	3·42	20
Karwar	29·722	−·044	N 25 W	4·0	82·7	77·6	88·5	−1·3	91	7, 15, 22	79·1	−0·5	73	17	79	+2	6·0	5·21	+1·98	6	+2·5	2·93	20
Bombay Deccan																							
Malegaon	28·300	−·028	N 79 W	5·4	88·6	70·3	106·4	+1·6	110	23	74·9	−0·3	65	1	37	−11	4·5	0·12	−0·76	1	−0·3	0·12	20
Ahmadnagar	27·609	−·034	N 51 W	5·8	84·5	68·4	102·9	+1·6	106	25, 28	74·8	+2·9	66	1	42	−8	3·2	0·94	+0·03	3	+1·4	0·42	30
Poona	27·936	−·028	S 79 W	6·2	82·0	70·5	99·2	+0·4	105	13, 18	72·2	−0·8	64	2	55	−1	4·6	1·76	+0·56	6	+4·2	0·39	21
Sholapur	28·168	−·028	N 37 W	4·9	84·6	71·1	103·5	+0·4	108	28	76·9	+0·2	71	25	59	0	3·1	0·43	−0·60	2	−0·2	0·14	13
Miraj	27·961	...	N 73 W	6·8	79·2	71·9	97·9	...	103	12	72·4	...	69	13, 16	69	...	2·7	1·67	...	3	...	0·40	16
Bijapur	27·814	−·025	N 48 W	5·1	82·1	70·4	100·1	−0·9	105	4	75·4	+1·1	69	20	55	−5	3·8	1·88	+0·62	4	+1·2	0·81	13
Belgaum	27·242	−·025	S 68 W	3·7	75·4	69·8	91·4	−1·7	99	12	69·1	+0·9	65	6, 10	75	+5	5·1	2·30	−0·16	5	+0·4	0·80	21
Gadag	27·614	...	S 88 W	4·1	78·0	73·4	97·2	...	103	3, 5	75·1	...	72	12	80	...	3·9	2·67	...	6	...	0·74	3
Hyderabad, North																							
Aurangabad	27·861	−·022	N 85 W	8·8	85·1	68·3	103·9	+0·3	108	25	76·3	+1·1	72	1	39	−4	5·1	0·87	+0·02	1	−0·5	0·80	21
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·80	−0·55	1	−1·0	0·61	23
Nizamabad	28·467	−·021	S 64 W	2·2	88·3	72·0	106·3	0	110	25, 28, 30	81·8	+0·8	73	13	43	−4	3·5	0·02	−0·59	0	−1·5	0·02	13
Hyderabad, South																							
Gulbarga	28·248	−·004	N 76 W	8·1	85·6	71·3	103·5	−1·1	108	29	79·0	+0·8	72	12	47	−8	3·1	2·48	+1·29	5	+2·3	1·22	9
Raichur	28·438	−·007	N 62 W	7·4	86·5	73·6	103·5	+0·2	109	5	79·7	+0·5	76	25	53	−3	2·5	0·60	−0·44	2	0	0·50	5
Hyderabad	28·028	+·001	S 47 W	4·0	85·5	73·5	101·6	−1·5	108	29	77·9	−2·1	72	24	55	+4	5·0	1·12	+0·12	2	−0·3	0·78	24
Hanamkonda	28·833	+·001	S 33 E	6·3	86·1	74·8	104·1	+0·7	111	29	80·7	−0·6	70	8	56	+11	5·4	1·53	+0·61	2	0	1·26	8
Mysore																							
Chitaldrug	27·481	−·034	S 60 W	5·8	78·5	72·0	95·2	+0·8	102	6	73·0	+1·5	67	17	72	+1	5·6	2·38	−0·67	6	+1·5	1·02	17
Bangalore	26·803	−·033	S 87 W	5·3	76·0	70·0	90·5	−1·2	99	1, 4, 5	69·7	+0·5	65	27	73	−1	6·8	4·38	+0·02	8	+1·2	1·47	19
Mysore	27·293	−·036	S 62 W	4·1	74·1	70·5	88·2	−3·6	97	4, 7	69·7	0	64	4	84	+9	6·4	9·28	+4·10	14	+6·5	2·25	15
Malabar																							
Mangalore	29·699	−·044	N 40 E	6·5	81·9	77·4	88·1	−3·1	92	6	77·8	−0·7	72	16, 17	81	+8	7·6	17·24	+11·04	12	+5·4	4·59	20
Calicut	29·762	−·021	N 10 E	6·4	81·3	77·3	86·7	−3·2	93	1, 5, 6	77·2	−1·0	71	15	83	+3	7·9	40·23	+31·70	17	+8·5	10·57	25
Cochin	29·785	−·025	N 66 E	6·0	81·4	77·9	86·0	−3·7	91	3, 4, 14	76·7	−0·9	73	1, 15, 22	85	+5	8·4	28·17	+16·50	20	+7·8	6·29	19
Trivandrum	29·575	−·036	N 29 W	5·3	80·4	77·4	85·6	−1·1	90	1, 12	77·7	−0·2	74	26, 27	87	+6	7·7	20·22	+11·77	22	+12·1	3·30	24

* Reports only rainfall. *a*—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·61	+ 1·04	1	− 1·7	2·61	16
Pamban ...	29·725	− ·004	S 8 W	10·1	85·1	79·7	90·0	− 1·4	94	11, 12	81·2	+ 0·2	74	15	78	0	4·5	1·89	+ 1·06	3	+ 1·4	1·12	15
Madura ...	29·282	− ·022	N 60 W	4·0	82·9	75·3	95·6	− 4·4	102	6	78·6	+ 0·6	72	15	69	+ 3	7·4	3·65	+ 0·76	3	− 1·7	1·80	15
Negapatam ...	29·719	− ·004	S 49 W	6·9	84·4	77·7	91·7	− 5·8	101	29	80·2	− 0·2	76	15,16,17	74	+ 4	7·3	1·54	− 0·07	3	+ 1·1	0·63	16
Trichinopoly ...	29·493	− ·017	S 52 W	4·8	84·8	76·7	96·7	− 4·9	104	7	78·8	0	74	16, 27	68	+ 3	5·7	7·71	+ 4·57	6	+ 1·9	6·00	18
Coimbatore ...	28·422	− ·025	S 17 W	4·5	78·8	73·7	89·4	− 5·4	99	1	73·1	− 0·4	69	5, 15	78	− 2	7·5	5·04	+ 2·68	10	+ 5·2	1·41	15
Salem ...	28·834	− ·025	S 45 W	5·1	81·5	77·4	95·6	− 4·0	104	5	76·6	+ 0·2	70	27	83	+11	6·4	5·71	+ 0·99	7	− 0·7	2·76	27
Cuddalore ...	29·705	− ·001	S 50 W	6·6	85·8	78·5	93·5	− 4·9	104	29	79·7	− 0·6	76	17, 18	70	0	5·9	2·37	+ 1·64	2	+ 0·8	1·94	17
Vellore ...	29·018	− ·032	S 46 W	4·3	83·4	75·8	96·5	− 5·3	103	5, 6	77·7	− 1·0	73	17	69	+ 4	5·6	3·47	+ 1·17	6	+ 2·1	1·06	18
Madras ...	29·702	− ·011	S 27 W	8·3	86·3	78·3	93·7	− 4·2	107	29	80·2	− 0·7	76	18	68	+ 2	6·5	0·59	− 0·48	3	+ 1·9	0·25	17
Madras, Deccan																							
Cuddapah ...	29·300	− ·019	N 62 W	6·6	89·3	77·5	102·8	− 3·1	110	5	83·0	− 0·1	76	18	56	+ 1	5·3	0·99	− 0·58	2	− 0·8	0·51	30
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·72	− 1·68	2	− 2·0	0·37	20
Bellary ...	28·269	− ·029	N 61 W	5·3	83·9	73·1	99·9	− 2·5	106	5	78·0	+ 0·5	71	17	58	+ 3	4·9	1·23	− 0·73	5	+ 1·6	0·48	12
Kurnool ...	28·804	− ·022	S 88 W	7·0	87·2	74·4	102·7	− 1·9	109	5	80·6	− 0·3	77	4 days	52	− 5	5·2	0·66	− 0·40	1	− 1·5	0·40	23
Madras Coast, North																							
Nellore ...	29·645	− ·003	S 1 E	6·4	86·6	78·8	98·0	− 6·6	107	29, 30	80·5	− 1·0	76	18	69	+ 6	5·7	3·02	+ 2·19	3	+ 1·8	2·46	18
Masulipatam ...	29·700	− ·007	S 32 W	7·5	86·4	80·3	93·8	− 5·9	105	27, 28	80·5	− 1·0	77	13, 18	76	0	4·5	0·98	− 0·36	3	+ 1·0	0·73	18
Cocanada ...	29·693	− ·001	S 25 W	6·3	86·3	79·8	95·3	− 3·9	101	10, 25	81·0	− 0·8	75	18	74	0	6·6	1·08	− 0·46	2	− 0·7	0·91	18
Vizagapatam ...	29·580	+ ·001	S 57 W	5·9	84·9	79·2	89·2	− 2·8	91	5 days	81·0	+ 0·2	74	19	77	+ 6	6·0	1·21	− 0·75	4	+ 1·0	0·54	19
Calingapatam ...	29·682	+ ·003	S 47 W	9·9	86·6	80·5	91·8	− 3·1	95	16,21,26	79·4	− 0·6	72	25	76	0	4·8	4·52	+ 1·63	5	+ 1·4	1·45	24
Gopalpur ...	29·627	+ ·004	S 25 W	14·3	85·1	81·1	89·6	− 0·5	94	26	80·2	+ 0·1	76	23	83	+ 1	4·5	0·05	− 1·92	0	− 3·1	0·04	23
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·237	+ ·014	S 60 W	3·6	76·0	68·5	86·9	+ 4·7	93	13	66·9	+ 2·6	60	5	68	− 12	3·4	6·70	− 3·00	8	− 3·8	2·60	22
Haka ...	24·061	...	N 41 E	...	66·4	58·3	76·5	...	86	17, 18	60·2	...	49	4	62	...	2·2	8·63	...	11	...	1·81	24
Kanpetlet ...	23·878	...	S 78 E	...	69·6	59·1	75·3	...	82	13	61·4	...	57	8	54	...	4·4	8·85	...	12	...	1·79	28
Shillong ...	25·029	− ·002	S 38 W	5·3	68·6	62·3	75·8	+ 1·8	82	16, 21	61·0	+ 2·2	53	3	69	− 4	5·8	16·29	+ 5·72	13	− 4·3	10·35	25
Cherrapunji ...	25·593	0	S 18 W	9·4	67·2	64·1	71·9	− 0·4	78	18,21,22	61·5	+ 1·1	55	3	85	− 1	8·1	117·75	+ 71·47	22	+ 0·9	31·40	27
Darjiling ...	22·867	− ·020	S 72 E	5·4	58·2	54·9	63·7	− 0·9	69	20	53·5	+ 1·2	47	3, 7	81	− 7	5·2	6·62	− 2·08	11	− 3·3	1·33	7
Kalimpong ...	25·869	...	N 39 W	7·9	68·2	63·2	74·8	...	81	15,19,20	62·4	...	55	8	76	...	3·7	6·08	...	9	...	1·90	31
Mukteswar ...	22·784	− ·004	S 88 W	6·9	62·5	49·3	72·2	− 1·3	79	22,23,31	56·5	+ 1·6	45	5, 7	38	− 13	3·3	1·65	− 0·89	6	+ 0·1	0·40	6
Mussoorie ...	23·313	+ ·030	N 28 E	5·9	64·8	51·2	75·0	− 2·3	84	31	57·0	− 1·7	46	2	38	− 11	3·9	1·42	...	5	...	0·48	26
Simla ...	23·048	+ ·001	N 57 E	3·0	64·2	49·6	71·8	− 1·8	82	23, 31	55·9	− 1·5	43	7	35	− 4	2·7	1·43	− 1·44	5	− 0·3	0·49	25
*Pharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·94	...	2	...	1·15	26
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·17	...	7	...	1·27	26
Murree *a* ...	23·174	...	N 47 E	3·7	62·3	48·2	69·8	− 6·0	85	23,24,31	53·0	− 6·3	40	7	34	− 8	3·9	2·49	− 0·38	6	+ 1·0	0·69	3
Cherat ...	25·610	+ ·030	N 19 W	9·4	69·5	57·3	81·5	− 4·9	90	22,23,24	64·0	− 2·7	49	7	46	+ 9	1·9	0·97	− 0·59	3	+ 0·3	0·43	7
Parachinar ...	24·386	+ ·035	S 16 W	3·6	67·3	53·0	75·8	− 3·8	92	31	53·3	− 2·4	46	12	37	− 9	2·9	1·50	− 1·01	6	− 1·1	0·34	4
Drosh ...	...	...	E	2·9	63·0	51·5	80·4	− 1·8	97	24	55·7	− 3·5	42	8, 9	43	− 11	2·7	0·87	− 1·08	2	− 2·1	0·40	8
Mount Abu ...	25·928	− ·011	N 80 W	4·8	82·3	60·0	90·3	+ 2·3	100	23	74·2	+ 3·1	63	10	23	− 15	1·1	0	− 1·06	0	− 1·6	0	...
Pachmarhi ...	26·313	− ·015	N 82 W	4·1	83·5	64·6	96·6	+ 1·1	101	25, 26	74·3	− 0·7	65	6	34	− 3	5·4	0·27	− 0·34	1	− 0·7	0·22	18
Mahableshwar ...	25·457	...	E	...	73·6	62·8	84·3	...	91	1, 13	65·4	...	58	1	53	...	4·7	4·35	...	8	...	2·10	1
Mercara ...	26·094	− ·043	N 68 W	6·5	68·7	66·8	77·5	− 2·6	87	2	64·5	+ 0·3	55	2	90	+ 4	7·0	17·62	+ 11·97	17	+ 8·3	5·52	19
Kodaikanal ...	22·741	− ·025	N 7 W	7·2	59·7	54·7	65·8	− 3·6	71	5	53·5	+ 0·4	51	26, 27	73	+ 7	6·8	7·84	+ 1·82	12	+ 1·4	1·37	8
Coonoor ...	23·284	...	S 60 E	3·4	67·8	61·8	73·3	...	79	5	58·7	...	54	2	72	...	6·9	6·58	...	11	...	1·70	16
Ceylon																							
Colombo ...	29·786	− ·011	S 14 W	5·8	79·5	76·8	86·1	− 2·0	90	2, 3, 6	76·1	− 1·7	72	9, 14	89	+ 4	8·5	29·22	+ 17·64	20	+ 6·7	7·23	11
Trincomalee ...	29·648	+ ·010	S 64 W	7·5	81·0	76·4	89·5	− 4·4	95	6	78·0	− 0·4	74	15	80	− 1	5·5	4·39	+ 1·93	4	+ 0·6	3·44	15
Hambantota ...	29·717	− ·018	N 79 W	11·6	80·4	77·1	86·3	− 1·6	93	11	76·8	− 0·6	73	25	85	− 4	6·4	5·85	+ 2·68	12	+ 6·4	1·32	24
Nuwara Eliya *a* ...	24·026	...	...	...	58·8	57·8	67·1	...	73	6 days	54·1	...	47	8	94	...	7·7	10·76	...	20	...	1·63	25
Arabia																							
†Aden ...	29·707	+ ·004	N 42 E	7·7	84·5	79·1	93·8	+ 1·1	99	12	81·7	+ 0·2	75	4	77	+ 1	4·1	0	− 0·13	0	− 0·3	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *a*—Mean of 10 days.

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MONTHLY WEATHER REPORT

FOR

June 1932

(Supplement to the Indian Daily Weather Report for the 21st July 1932)

Published by order of the Governor-General in Council

Summary.—(1) Monsoon weak in Peninsula and normal in Burma, Assam and Bengal; (2) hot weather from the east and north Punjab to Bihar and Orissa and the east Central Provinces from the 8th to 20th.

The Bay monsoon was fairly strong in Lower Burma during the first fortnight and was weak thereafter; it strengthened in Upper Burma after the 5th and was, on the whole, fairly strong there during the rest of the month. Conditions became unsettled in the north Bay after the 4th and a shallow depression formed with centre near Lat. 19° N and Long. 90° E on the 7th morning. The depression intensified in the course of that day and, moving slowly northwards, lay on the 10th morning with centre about 50 miles to the southeast of Calcutta. It persisted there till the 12th and then merged into the seasonal low pressure area over the Gangetic plains. The depression was responsible for very heavy rain along the Chittagong-Arakan coast on the 10th, 11th and 12th and for an extension of the Bay monsoon into east Bengal and Assam on the 8th. The monsoon was active in Assam from the 12th to 21st and strong thereafter; in Bengal it was weak till the 21st, but strengthened afterwards and was active during the rest of the month. This branch of the monsoon also extended into Bihar and Orissa on the 22nd, but weakened after the 24th.

2. A weak advance of the Arabian Sea monsoon occurred in Malabar and the Konkan on the 2nd. Although nearly general rain occurred in Malabar and the south Konkan after the 2nd, the monsoon was weak till the 16th when it strengthened in the Konkan; an extension of the monsoon occurred into the Bombay Deccan and Hyderabad between the 16th and 18th and into Gujarat on the 21st. Between the 21st and 26th, the monsoon was strong in the Konkan and fairly active in the Deccan, also extending into the Central Provinces and west Central India on the 22nd. This branch of the monsoon was weak in Malabar during the month and weakened over its whole field after the 25th.

3. Weather was disturbed over northwest India between the 2nd and 6th and nearly general rain occurred in the Punjab hills on the 5th and local rain in the North-West Frontier Province on the 3rd and in Kashmir on the 5th, a few falls also occurring in the last sub-division on the 3rd, 4th, 6th and 7th. Widespread thunderstorm rain occurred in the east United Provinces, Central India and the Central Provinces on the 20th and 21st. Disturbed weather over northwest India caused scattered duststorms there on the last two days of the month and fairly widespread thunderstorm rain from Kashmir to the United Provinces on the 29th and local falls of rain in the Punjab, the United Provinces and Rajputana on the next day.

4. A western disturbance, while passing eastwards through Kashmir, caused fairly widespread thunderstorm rain there on the 20th and 22nd, from the North-West Frontier Province to the west United Provinces on the 21st and in the east and north Punjab on the 22nd.

5. The month's rainfall was in large excess in Kashmir, in moderate excess in the Bay Islands and Upper Burma, in slight excess in Assam and normal in Lower Burma, the North-West Frontier Province and southeast Madras; it was in slight to moderate defect in Bengal, Bihar, the east United Provinces, the Central Provinces, the Konkan, the Bombay Deccan, Hyderabad, Malabar and the Madras Deccan and in large defect elsewhere. Averaged over the plains of India, the total rainfall during the month was in defect by 21 per cent.

6. A heat wave prevailed over the region extending from the east and north Punjab to Bihar and Orissa and the east Central Provinces between the 8th and 20th, both day and night temperatures being markedly above normal on most of the days; the heat wave also extended to north Hyderabad between the 8th and 15th. Newspapers report that many deaths from heat stroke occurred at places in the east and north Punjab and the United Provinces during this

period. Day temperatures were also above normal from the Punjab to the east Central Provinces on the 27th and 28th, being markedly above normal in and around the west United Provinces. Both the mean monthly maximum and minimum temperatures were above normal in Chota Nagpur, the United Provinces, the east and north Punjab, east Central India and the Central Provinces excluding Berar; the maximum alone was above normal in Orissa, Bihar, the southwest Punjab, the North-West Frontier Province and east Rajputana.

Summary of the Local Conditions

Burma, including the Bay Islands.—The total rainfall during the month was in moderate excess in the Bay Islands and Upper Burma and normal in Lower Burma. Humidity was in defect in the Bay Islands.

Northeast India, including Orissa.—The month's rainfall was in slight excess in Assam, in slight defect in Bengal and in moderate to large defect elsewhere. Humidity was in defect in Bihar and Orissa. Both maximum and minimum temperatures were above normal in Chota Nagpur and the maximum alone in Orissa and Bihar.

The United Provinces, Central India and the Central Provinces.—The month's total rainfall was in slight defect in Berar and in moderate to large defect elsewhere. Cloud amount was below normal in the west United Provinces, Central India, Berar and the east Central Provinces. Humidity was in defect everywhere except in west Central India. Both maximum and minimum temperatures were above normal in the United Provinces, east Central India and the Central Provinces excluding Berar.

Northwest India.—The total rainfall during the month was in large excess in Kashmir, normal in the North-West Frontier Province and in large defect elsewhere. Cloud amount was above normal in the North-West Frontier Province and below it in Baluchistan and Rajputana. Humidity was in excess in Kashmir and in defect in the east and north Punjab, east Rajputana and Gujarat. Both maximum and minimum temperatures were above normal in the east and north Punjab and the maximum alone in the southwest Punjab, the North-West Frontier Province and east Rajputana.

The Peninsula.—The month's total rainfall was normal in southeast Madras, in slight defect in the Konkan and north Hyderabad and in moderate to large defect elsewhere. Humidity was in defect in southeast Madras and the north Madras coast.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 8th July 1932.

C. W. B. NORMAND,
Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	20·34	20·60	−0·26	− 1	−0·2	+ 0·5	− 1	+0·2
2. Assam ...	19·46	17·41	+2·05	+ 12	−0·6	+ 0·3	+ 1	+0·9
3. Bengal ...	13·60	15·53	−1·93	− 12	+0·6	+ 1·1	− 1	+0·7
4. Bihar and Orissa ...	4·27	8·57	−4·30	− 50	+3·2	+ 1·9	−10	+0·7
5. United Provinces ...	2·75	4·79	−2·04	− 43	+5·1	+ 3·4	−15	−0·5
6. Punjab ...	0·50	1·95	−1·45	− 74	+3·0	+ 1·8	−10	−0·4
7. North-West Frontier Province.	0·51	0·51	0	0	+2·1	+ 1·3	+ 1	+0·5
8. Sind ...	0	0·50	−0·50	−100	−1·7	− 0·3	− 1	+0·2
Sub-division								
1. Bay Islands ...	25·13	19·34	+5·79	+ 30	−1·1	− 0·5	− 7	−0·3
2. Lower Burma ...	27·41	29·88	−2·47	− 8	−0·5	+ 0·3	− 1	+0·3
3. Upper Burma ...	11·25	8·67	+2·58	+ 30	+0·1	+ 0·8	− 1	+0·1
4. Assam ...	19·46	17·41	+2·05	+ 12	−0·6	+ 0·3	+ 1	+0·9
5. Bengal ...	13·60	15·53	−1·93	− 12	+0·6	+ 1·1	− 1	+0·7
6. Orissa ...	4·49	9·45	−4·96	− 52	+2·6	+ 1·4	− 5	+0·8
7. Chota Nagpur ...	3·59	8·55	−4·96	− 58	+5·5	+ 3·2	−19	+0·6
8. Bihar ...	4·41	8·18	−3·77	− 46	+2·6	+ 1·6	− 9	+0·8
9. United Provinces, East	3·86	5·19	−1·33	− 26	+4·7	+ 3·4	−14	+0·4
10. Do. do. West.	1·80	4·44	−2·64	− 59	+5·5	+ 3·5	−15	−1·3
11. Punjab, East and North	0·70	2·47	−1·77	− 72	+3·5	+ 2·2	−15	−0·4
12. Do. Southwest ...	0·15	1·05	−0·90	− 86	+2·3	+ 1·1	− 2	−0·3
13. Kashmir ...	2·27	1·28	+0·99	+ 77	−1·8	+ 0·1	+ 4	+0·5
14. North-West Frontier Province.	0·51	0·51	0	0	+2·1	+ 1·3	+ 1	+0·5
15. Baluchistan ...	0·05	0·27	−0·22	− 81	−1·7	+0·7	+ 1	−0·3
16. Sind ...	0	0·50	−0·50	−100	−1·7	− 0·3	− 1	+0·2
17. Rajputana, West ...	0·53	1·45	−0·92	− 63	−1·3	+ 1·5	− 3	−0·9

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division—*contd.*								
9. Rajputana ...	0·61	2·31	−1·70	− 74	+1·1	+1·3	− 6	−1·3
10. Bombay ...	6·97	9·75	−2·78	− 29	+0·3	+0·2	− 3	−0·2
11. Central India ...	2·20	5·52	−3·32	− 60	+3·0	+1·5	− 7	−1·4
12. Central Provinces ...	5·00	7·52	−2·52	− 34	+3·2	+2·4	− 9	−1·0
13. Hyderabad ...	3·97	5·49	−1·52	− 28	+1·2	+0·3	− 3	−0·4
14. Mysore ...	1·42	2·89	−1·47	− 51	+1·3	0	− 1	−0·2
15. Madras ...	4·01	6·82	−2·81	− 41	+0·1	+0·6	− 3	0
Mean of India ...	6·89	8·69	−1·80	− 21	+1·4	+1·2	− 5	−0·2
Sub-division—*contd.*								
18. Rajputana, East ...	0·64	2·74	−2·10	− 77	+2·7	+1·3	− 8	−1·6
19. Gujarat ...	6·78	3·97	−3·19	− 80	+0·1	+0·9	− 5	−0·2
20. Central India, West ...	2·43	5·06	−2·63	− 52	+1·2	+0·5	− 2	−1·5
21. Do. do. East ...	1·97	5·98	−4·01	− 67	+4·9	+2·5	−11	−1·2
22. Berar ...	5·18	5·95	−0·77	− 13	+1·0	+1·7	− 6	−1·7
23. Central Provinces, West.	5·19	7·27	−2·08	− 29	+2·6	+2·0	− 9	−0·8
24. Do. do. East.	4·63	8·68	−4·05	− 47	+5·1	+3·2	−11	−1·1
25. Konkan ...	25·32	28·44	−3·12	− 11	−0·1	−0·8	+ 1	−0·6
26. Bombay Deccan ...	2·99	5·00	−2·01	− 40	+0·9	−0·1	− 3	0
27. Hyderabad, North ...	5·01	6·54	−1·53	− 23	+0·7	+0·7	− 3	−0·2
28. Do. South ...	3·19	4·70	−1·51	− 32	+1·5	+0·1	− 3	−0·5
29. Mysore ...	1·42	2·89	−1·47	− 51	+1·3	0	− 1	−0·2
30. Malabar ...	16·13	28·19	−12·06	− 43	0	+0·7	0	−0·5
31. Madras, Southeast ...	1·49	1·52	−0·03	− 2	−0·3	+0·4	− 4	+0·3
32. Do. Deccan ...	1·65	2·43	−0·78	− 32	−0·5	+0·3	− 1	−0·3
33. Do. Coast, North...	1·71	4·33	−2·62	− 61	+1·1	+1·0	− 4	+0·2

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·665	− ·023	S 68 W	5·6	80·0	75·4	84·7	− 1·1	88	25	77·3	− 0·5	73	2, 3, 5	80	− 7	8·0	25·13	+ 5·79	18	− 2·1	4·02	5
Lower Burma																							
Victoria Point ...	29·661	+ ·003	S 13 W	6·9	79·9	76·7	83·7	− 0·9	85	9 days	75·2	+ 0·1	73	6 days	87	0	9·1	27·11	− 1·16	27	+ 5·1	5·62	2
Mergui ...	29·711	− ·015	S 11 E	...	77·6	76·4	84·2	− 1·3	88	4 days	74·0	+ 0·4	72	5 days	95	+ 3	5·6	26·61	− 2·80	24	− 0·3	4·36	9
Tavoy ...	29·753	− ·019	S 22 E	3·3	77·5	76·0	84·0	− 0·6	90	25	74·4	− 0·6	72	21	93	+ 1	8·5	38·34	− 5·90	26	+ 0·7	5·64	15
Amherst ...	29·667	...	S 8 W	9·2	79·7	77·3	84·2	...	89	27	75·5	...	73	12, 21	89	...	9·3	39·28	...	27	...	5·67	12
Rangoon ...	29·691	− ·023	S 8 W	3·5	80·6	77·9	86·4	0	93	27	76·5	+ 0·1	72	15, 16	89	− 2	9·1	24·24	+ 6·20	23	0	3·41	17
Bassein ...	29·666	− ·022	S 3 W	3·5	80·6	77·7	87·4	+ 1·0	94	24	76·2	− 0·3	70	16	87	− 5	8·4	19·27	− 3·75	21	− 2·5	3·23	11
Diamond Island ...	29·640	− ·028	S 42 W	8·0	82·4	78·2	85·3	− 0·3	88	22	77·7	+ 0·8	71	16	83	− 1	8·0	21·55	− 3·14	18	− 3·3	4·54	2
Gwa ...	29·660	...	S 28 E	3·7	80·3	78·4	86·2	...	90	4	76·1	...	72	15, 16	91	...	8·3	33·68	...	26	...	4·70	11
Toungoo ...	29·546	− ·014	S 32 E	...	79·7	77·1	87·8	− 1·2	92	27, 28	75·9	+ 0·5	70	15	89	0	8·8	14·04	− 0·10	17	− 3·6	2·23	16
Kyaukpyu ...	29·618	− ·027	S 30 E	4·9	80·7	78·7	86·0	− 0·2	90	5	77·1	+ 0·7	74	16	91	+ 1	8·0	42·13	+ 1·95	26	+ 1·6	7·65	11
Akyab ...	29·601	− ·031	S 43 E	9·9	81·5	78·9	85·3	− 0·7	89	5	78·1	+ 0·6	75	16	89	− 3	8·6	33·40	− 13·54	23	− 1·3	10·52	11
Upper Burma																							
Minbu ...	29·468	− ·033	S 28 E	5·2	82·5	77·3	92·4	+ 0·1	98	1	78·0	+ 0·3	74	15	79	− 3	5·2	8·94	+ 3·19	12	+ 2·1	1·67	13
Yamethin ...	29·019	− ·022	S 2 E	6·8	80·7	75·7	92·2	+ 1·0	98	5	75·9	+ 0·5	71	15	78	− 4	6·9	3·88	− 1·23	7	− 2·1	1·27	13
Mandalay ...	29·388	− ·032	S 15 E	6·8	84·0	78·4	95·3	+ 0·5	100	28	80·2	+ 1·6	73	15	77	+ 1	6·5	1·75	− 3·77	2	− 5·3	0·94	15
Monywa ...	29·351	− ·029	S 39 E	4·0	83·7	77·5	94·4	+ 0·6	104	28	78·7	+ 0·1	73	15	75	− 5	7·3	2·72	− 2·85	7	+ 0·2	0·62	3
Lashio ...	26·899	− ·020	S 22 W	2·8	74·2	71·1	83·6	− 0·5	87	3	70·7	+ 0·9	69	5 days	86	0	8·5	8·53	− 1·23	18	+ 2·7	1·28	2
Bhamo ...	29·239	− ·029	N 11 E	2·1	79·5	77·1	89·1	− 1·0	93	18	76·3	+ 1·8	73	21	89	− 2	9·3	14·77	+ 0·89	20	+ 1·4	2·57	20
Myitkyina ...	29·147	− ·025	S 45 E	2·8	77·9	76·2	88·0	+ 0·2	96	5	75·1	+ 0·1	73	15,18,19	93	+ 3	8·9	38·16	+ 23·03	24	+ 4·7	8·44	20
Assam																							
Dibrugarh ...	29·234	− ·042	N 34 E	2·2	78·1	76·0	87·2	+ 0·2	95	8	74·3	+ 0·1	71	1	91	− 1	6·9	26·87	+ 7·62	23	+ 3·5	2·72	24
Sibsagar ...	29·262	− ·035	N 58 E	3·8	80·1	77·9	88·8	+ 0·1	97	8	76·4	+ 0·3	71	1	91	0	9·7	18·74	+ 4·53	21	+ 4·3	4·13	14
Tezpur ...	29·326	− ·034	N 84 E	1·9	79·8	77·8	87·4	− 1·4	95	8	76·8	+ 0·2	74	19	91	+ 2	9·0	11·99	− 0·01	20	+ 4·4	1·97	9
Gauhati ...	29·376	− ·044	N 73 E	2·3	80·2	77·8	87·7	− 1·8	93	13	76·6	+ 0·1	71	1	89	+ 2	8·3	11·78	− 2·05	16	− 0·1	1·67	11
Dhubri ...	29·454	− ·026	N 51 E	5·2	78·2	77·0	83·9	− 2·0	89	9, 10, 25	75·8	− 0·4	71	17	95	+ 4	7·4	28·64	+ 4·82	16	− 1·9	4·67	28
Silchar ...	29·502	− ·031	E	2·0	80·8	78·5	90·1	+ 0·8	96	3	76·3	+ 0·2	73	14	89	0	8·2	27·98	+ 6·30	23	+ 2·2	4·22	20
Srimangal ...	29·519	− ·014	S 43 E	...	81·2	78·7	90·3	+ 0·1	95	3, 18	76·7	+ 1·4	69	14	89	+ 2	7·5	10·25	− 6·80	17	− 3·1	2·23	14
Bengal																							
Cox's Bazar ...	29·571	− ·014	S 31 E	4·8	81·9	78·5	86·7	+ 0·4	90	6, 7	77·8	+ 2·0	74	29	85	− 4	8·7	36·75	+ 5·02	17	− 3·1	8·40	11
Chittagong ...	29·509	− ·024	S 31 E	1·0	81·0	77·5	87·5	+ 0·7	94	6	77·5	+ 0·7	74	11,14,29	85	− 1	8·0	24·24	+ 3·45	12	− 4·6	9·60	13
Noakhali ...	29·532	− ·053	S 33 E	6·9	82·8	80·0	87·8	+ 0·9	92	3, 6, 7	79·7	+ 2·4	77	4 days	87	− 1	7·9	6·17	− 15·32	17	− 1·6	0·66	13
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12·82	− 5·23	14	− 3·5	3·40	29
Narayanganj ...	29·523	− ·039	S 30 E	5·7	83·9	80·2	90·5	+ 1·6	94	9	79·4	+ 1·3	72	14	85	− 3	8·2	9·49	− 3·46	10	− 4·8	2·91	28
Mymensingh ...	29·514	− ·025	S 63 E	1·1	81·8	78·7	88·9	+ 1·4	93	9	77·7	+ 0·6	73	30	87	− 2	8·9	10·63	− 8·08	10	− 8·2	2·47	5
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·42	− 6·94	11	− 4·4	1·90	29
Barisal ...	29·534	− ·033	S 14 E	5·5	83·8	80·8	89·1	+ 0·5	94	3	79·3	+ 1·3	75	29	85	− 2	7·6	13·59	− 2·74	15	− 2·2	2·67	22
Khulna ...	29·521	...	S 31 E	5·7	84·2	80·6	96·6	...	95	15	79·9	...	73	30	85	...	9·0	9·34	...	14	...	2·99	30
Jessore ...	29·507	− ·026	S 25 E	5·6	84·2	81·2	90·5	...	96	15	79·1	...	73	29	87	0	6·5	9·69	− 2·98	13	− 1·3	2·63	30
Satkhira ...	29·512	...	S 11 W	4·0	84·2	81·2	91·2	...	96	15	79·7	...	73	29	87	...	8·4	19·13	...	12	...	7·37	11
Calcutta ...	29·503	− ·025	S 8 E	4·4	83·5	80·7	91·4	+ 0·1	98	15, 16	80·3	+ 1·5	75	4	87	+ 2	8·5	7·44	− 4·46	11	− 2·3	1·12	8
Saugor Island ...	29·511	− ·025	S 22 W	14·7	85·3	81·4	88·0	− 1·9	90	4 days	82·2	+ 1·1	77	4	83	− 1	9·0	5·56	− 5·98	10	− 2·3	2·23	22
Sandheads ...	29·496	− ·056	S 34 W	...	84·9	81·3	...	...	...	...	...	...	...	...	85	− 1	7·4	4·09	− 3·83	8	− 2·7	1·26	9
Midnapore ...	29·371	− ·022	S 18 E	4·3	85·2	80·7	91·9	+ 1·5	110	16	80·4	+ 1·6	75	4	81	− 1	7·0	4·19	− 6·31	6	− 7·0	1·62	28
Burdwan ...	29·420	− ·025	S 18 E	3·7	83·9	80·4	93·5	+ 0·5	105	15	79·9	+ 1·0	75	28, 29	85	+ 1	5·7	10·33	+ 0·09	7	− 5·8	3·00	28
Krishnagar ...	29·480	...	S 32 E	4·8	84·7	81·1	93·0	...	100	15	79·0	...	73	29	85	...	8·6	10·72	+ 0·06	13	0	2·31	6
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·54	− 7·55	8	− 3·9	1·18	18
Asansol ...	29·091	...	S 29 E	4·7	85·2	78·9	97·3	+ 1·8	112	16	80·2	+ 1·3	74	7, 29	74	− 9	7·0	3·49	− 6·53	5	− 7·5	1·25	7
Berhampore ...	29·467	− ·021	S 27 E	4·5	84·9	80·7	94·4	+ 2·3	104	16	79·5	+ 1·1	75	24,28,29	83	− 4	7·6	4·71	− 5·33	7	− 5·3	1·47	29
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·13	− 2·04	13	− 0·1	1·75	30
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·41	− 5·00	13	− 1·7	1·64	29
Bogra ...	29·502	− ·012	S 51 E	3·3	83·2	79·8	89·8	+ 0·5	95	16	77·8	+ 0·6	71	2	85	− 2	9·1	9·51	− 4·52	15	+ 0·3	2·20	30
Malda ...	29·416	...	S 39 E	6·1	82·6	79·6	...	..	...	...	77·9	...	72	30	87	...	9·0	14·79	+ 4·44	12	+ 0·4	3·09	2
Dinajpur ...	29·418	− ·030	S 65 E	2·4	81·4	78·4	88·9	− 0·5	93	13, 19	77·0	− 0·1	71	27	87	− 1	8·3	13·49	− 0·56	14	− 0·1	2·82	27
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27·95	+ 10·34	19	+ 3·0	4·87	28
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	45·77	+ 12·86	20	+ 1·5	10·32	20
Jalpaiguri ...	29·296	− ·027	S 61 E	3·3	80·1	79·4	88·4	− 0·2	95	6, 9, 11	76·0	+ 0·3	73	4 days	98	+ 9	7·0	32·21	+ 8·48	22	+ 4·1	4·10	13

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *j*—Mean of 21 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Mean 8 h.		Maximum.				Minimum.				Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·461	− ·016	S 17 W	5·4	84·2	79·9	91·4	− 1·2	101	16	79·3	+ 0·6	72	5	81	− 1	8·6	5·21	− 4·83	12	+ 0·4	0·78	23
Chandbali	29·533	...	S 36 W	9·3	87·2	82·8	93·5	...	104	16	81·0	...	72	9	84	...	5·7	4·51	...	10	...	1·15	9
Puri	29·514	− ·023	S 27 W	13·2	85·6	82·0	88·8	− 0·2	92	17	82·2	+ 1·6	73	9	85	0	7·4	4·21	− 3·07	7	− 1·1	2·50	22
Cuttack	29·456	− ·011	S 53 W	3·3	85·3	79·9	97·4	+ 2·2	111	16, 17	80·0	+ 0·2	75	3, 10	78	− 1	7·3	2·65	− 7·43	7	− 4·6	0·68	22
Angul	29·081	− ·010	N 67 E	4·7	86·4	77·7	100·3	+ 6·4	111	16, 17	81·3	+ 3·3	74	29	67	− 12	6·9	6·91	− 1·91	7	− 6·1	3·35	22
Sambalpur	29·046	− ·019	S 41 W	4·5	87·0	76·7	102·8	+ 5·7	111	16, 17	81·8	+ 1·3	73	11	60	− 12	6·9	3·43	− 7·49	6	− 5·0	1·29	11
Chota Nagpur																							
Jamshedpur	29·081	...	S 54 W	3·3	85·5	78·7	98·0	...	109	16, 17	79·8	...	72	29	72	...	5·9	5·84	...	11	...	1·71	5
Chaibasa	28·782	− ·014	S 51 W	2·7	87·5	77·7	100·3	+ 6·4	111	14,15,16	81·1	+ 3·3	68	2	62	− 16	8·1	5·15	− 3·31	6	− 5·7	2·03	23
Ranchi	27·408	− ·009	S 28 W	4·4	84·2	73·8	96·8	+ 5·6	105	14,15,16	77·5	+ 2·4	71	9	60	− 14	6·1	3·19	− 6·19	6	− 6·2	1·02	9
*Hazaribagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·07	− 6·06	7	− 4·1	1·06	25
Daltonganj	28·759	− ·029	S 85 W	5·7	92·8	75·4	104·2	+ 4·4	113	1	84·5	+ 3·9	76	21, 26	41	− 26	4·1	2·65	− 3·97	6	− 3·0	1·32	26
Bihar																							
Purnea	29·402	− ·039	N 86 E	2·6	82·3	78·7	91·7	+ 0·2	97	9, 16, 19	77·3	− 0·1	71	2	85	− 2	6·8	8·52	− 2·58	9	− 3·0	1·95	30
Darbhanga	29·329	− ·054	N 88 E	13·1	84·1	76·5	93·7	+ 1·3	99	16	79·7	+ 1·0	70	3	70	− 13	8·4	7·75	− 0·28	6	− 3·0	2·75	3
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·03	− 4·12	6	− 2·3	2·03	25
Motihari	29·272	− ·055	S 88 E	6·9	84·2	79·4	94·3	+ 0·9	105	19	78·7	+ 1·0	71	1	79	− 4	4·6	5·73	− 3·46	12	+ 2·2	0·97	12
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·41	− 5·41	3	− 4·6	0·67	24
Patna	29·310	− ·038	N 87 E	5·5	87·7	79·8	99·9	+ 4·2	111	19	82·4	+ 2·6	77	4 days	69	− 8	6·5	3·03	− 5·09	5	− 3·1	1·55	25
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·99	− 3·79	5	− 2·9	1·23	25
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·93	− 0·14	7	− 0·5	2·50	23
Gaya	29·106	− ·043	S 11 E	4·1	92·7	78·6	105·1	+ 6·0	114	19, 20	84·0	+ 3·3	75	24	52	− 21	4·9	2·69	− 4·70	5	− 3·2	0·98	23
Naya Dumka	29·023	− ·027	S 72 E	3·6	85·3	78·9	96·3	+ 3·1	114	16	79·9	+ 1·8	75	30	74	− 6	6·7	2·22	− 7·85	6	− 6·2	0·74	28
Sabour	29·385	...	S 68 E	6·9	84·0	80·0	92·3	...	106	15	79·5	...	70	2	83	...	7·2	4·22	− 4·03	5	− 5·4	1·40	2
United Provinces, East																							
Gorakhpur	29·241	− ·035	S 84 E	4·1	86·8	79·4	100·6	+ 3·8	112	15	81·7	+ 2·5	73	30	70	− 7	7·1	15·01	+ 7·60	6	− 2·1	8·21	25
Benares	29·214	− ·049	N 76 W	4·3	91·8	76·9	105·0	+ 4·7	113	4 days	85·2	+ 3·4	77	21, 30	48	− 20	6·6	1·59	− 3·40	5	− 1·2	0·60	23
Allahabad	29·172	− ·027	S 86 W	5·6	93·0	75·2	106·6	+ 4·5	115	1, 13, 20	85·9	+ 3·2	76	23	40	− 21	4·4	1·02	− 3·91	3	− 2·4	0·38	21
Fatehpur	29·049	...	N 29 W	3·8	93·9	75·1	106·8	...	115	13	85·1	...	75	23	38	...	2·7	0·91	...	5	...	0·35	21
Cawnpore	29·057	− ·036	S 88 W	3·4	93·2	76·8	107·7	+ 5·4	116	4, 20	86·7	+ 4·0	78	1 days	45	− 16	2·0	0·82	− 2·50	3	− 1·4	0·45	21
Lucknow	29·107	− ·037	N 88 E	3·8	91·0	78·5	106·1	+ 4·7	114	9, 13, 20	85·2	+ 3·6	73	23	56	− 8	4·7	2·31	− 2·13	5	− 0·5	0·99	22
Bahraich	29·062	− ·054	S 83 E	5·7	89·0	78·6	103·4	+ 5·3	113	15	83·2	+ 3·5	74	22, 30	61	− 11	2·6	2·40	− 3·62	4	− 2·8	1·42	22
Gonda	29·127	...	S 70 E	5·4	87·1	79·2	102·6	...	112	15	83·1	...	73	21	69	...	3·1	3·18	...	5	...	1·51	21
United Provinces, West																							
Jhansi	28·684	− ·026	S 78 W	2·6	94·2	75·2	107·5	+ 3·7	114	13	87·9	+ 3·3	76	24	38	− 17	2·8	2·03	− 2·27	3	− 2·4	1·42	24
Agra	28·921	− ·035	S 77 W	5·8	93·1	75·1	107·8	+ 2·2	115	13	86·5	+ 3·1	76	24	40	− 4	1·4	0·85	− 1·50	3	− 0·8	0·45	24
Mainpuri	28·953	− ·038	N 54 W	7·7	94·0	77·0	108·9	+ 5·2	117	13	85·7	+ 3·0	76	21	44	− 11	2·9	1·09	− 1·39	3	− 1·0	0·55	21
Aligarh	28·861	...	N 36 W	8·0	93·6	78·0	107·5	...	115	13	86·8	...	79	23, 25	48	...	0·8	0·28	...	1	...	0·23	21
Bareilly	28·915	− ·034	N 6 W	3·7	91·6	75·8	107·7	+ 7·7	114	20	84·3	+ 4·1	74	22	45	− 24	2·5	0·45	− 4·69	2	− 3·3	0·27	22
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·24	− 0·89	4	+ 0·2	1·16	17
Roorkee	28·585	− ·041	S 53 E	4·3	91·4	73·7	107·4	+ 6·6	116	13	83·2	+ 4·4	75	22, 23	42	− 18	1·0	1·19	− 3·73	2	− 3·6	0·91	22
Dehra Dun	27·307	− ·039	S 38 W	2·7	84·1	70·8	101·4	+ 7·8	110	13	77·4	+ 2·9	67	21, 30	50	− 14	3·4	4·75	− 4·04	4	− 5·7	2·21	24
Punjab, East and North																							
Delhi	28·766	...	S 68 W	6·5	92·9	75·9	105·5	...	113	11,12,13	85·7	...	66	23	43	...	1·8	0·34	− 2·65	1	− 3·0	0·28	23
Hissar	28·757	− ·010	S 61 W	6·8	92·3	77·0	108·2	+ 1·4	114	12, 28	85·2	+ 1·8	75	30	47	− 3	0·6	0·26	− 1·38	1	− 1·9	0·19	24
Ambala	28·577	− ·043	N 87 W	5·2	93·7	73·2	108·8	+ 6·1	117	13	85·4	+ 5·1	72	23, 30	34	− 25	1·2	1·17	− 2·58	3	− 2·0	0·80	23
Ludhiana	28·656	− ·033	S 83 W	3·1	92·4	73·6	108·7	+ 4·0	118	13	83·5	+ 2·3	71	30	38	− 14	2·0	1·54	− 0·99	3	− 0·6	0·65	30
Lahore	28·750	− ·032	S 51 W	2·0	92·5	74·1	109·0	+ 1·9	116	12, 13	82·4	+ 1·9	73	22	39	− 12	2·1	0·57	− 1·11	2	− 0·9	0·28	22
Sialkot	28·622	− ·040	N 65 E	2·5	93·0	73·1	109·3	+ 4·2	117	12, 13	82·0	+ 1·3	71	22	35	− 17	3·1	0·45	− 2·01	2	− 1·6	0·31	30
Rawalpindi	27·820	− ·037	N 43 E	3·4	92·5	68·2	107·1	+ 3·5	115	20	76·4	+ 0·7	69	5	25	− 20	4·3	0·55	− 1·69	2	− 1·5	0·30	22

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *i*—Mean of 22 days. *r*—Mean of 13 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	28·818	− ·050	S 59 E	5·9	95·6	78·1	110·1	+ 2·8	118	13	83·0	+ 0·5	71	22	43	+ 1	1·6	0·32	− 1·05	1	− 1·4	0·32	22
Lyallpur ...	28·846	− ·006	S 29 W	4·4	92·6	73·7	109·2	+ 3·1	116	12, 13	84·3	+ 2·1	75	5	38	− 11	1·2	0·26	− 1·07	1	− 1·0	0·18	5
Montgomery ...	28·887	− ·021	S 38 W	3·4	91·4	77·2	108·7	0	116	12	84·9	+ 1·0	75	4	...	...	0·5	0·04	− 0·84	0	− 1·4	0·04	4
Multan ..	29·013	− ·012	S 31 W	4·8	93·8	77·0	111·6	+ 3·3	119	11	85·6	+ 0·9	77	4	44	− 7	0·9	0	− 0·62	0	− 1·2	0	...
Bahawalpur ...	29·071	...	S 55 W	4·8	91·7	78·4	110·4	...	116	1, 12	85·1	...	77	6, 30	52	...	0·6	0	...	0	...	0	...
Khanpur ...	29·179	...	S 55 W	10·0	88·9	78·7	110·2	...	117	10	82·9	...	74	4	63	...	0·6	0·07	...	0	...	0·07	4
Kashmir																							
Srinagar ...	24·707	+ ·005	S 82 E	2·8	67·0	60·7	85·2	− 0·2	93	5 days	57·6	+ 0·2	53	6	70	− 10	2·3	2·31	+ 0·83	2	− 1·6	1·84	22
Gulmarg[k] ...	21·784	+ ·021	N 36 E	3·9	62·2	53·2	68·7	+ 1·1	76	18	46·3	+ 1·7	42	24	58	− 15	2·6	5·14	+ 1·69	6	− 2·7	2·40	21
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·10	+ 2·46	10	+ 2·3	2·00	22
Dras ...	20·762	+ ·039	Calm	4·4	53·3	46·5	67·8	− 4·6	75	20	42·8	+ 0·7	37	24	63	+ 4	3·9	1·68	+ 1·10	4	+ 1·9	0·90	22
Leh ...	19·670	+ ·015	S 9 W	3·7	53·4	43·2	70·5	− 1·6	79	20	44·9	+ 0·5	38	23	47	+ 5	5·2	0·26	+ 0·08	1	+ 0·3	0·14	6
Skardu ...	22·781	+ ·053	E	5·2	65·3	58·6	80·5	− 0·6	90	19	56·3	− 0·4	50	24	69	+ 22	3·0	0·51	+ 0·21	2	+ 1·3	0·18	22
Gilgit ...	24·906	− ·021	W	1·3	72·4	64·4	88·2	− 4·8	99	19, 20	64·7	− 2·4	56	22	64	+ 19	4·3	0·86	+ 0·51	2	+ 0·8	0·46	22
North-West Frontier Province																							
Peshawar ...	28·312	− ·039	N 10 W	3·2	94·2	71·5	107·4	+ 2·6	113	5 days	81·2	+ 3·9	74	22	30	+ 4	2·9	0·41	+ 0·05	1	0	0·41	21
Miranshah[k] ...	26·651	...	Calm	1·1	87·0	65·4	98·1	...	104	30	73·3	...	56	15	29	...	0·3	0	...	0	...	0	...
Dera Ismail Khan...	28·868	− ·019	N 51 E	3·0	93·6	79·8	109·4	+ 1·6	118	12	80·3	− 1·2	71	22	52	− 2	1·3	0·62	− 0·05	1	− 0·3	0·62	22
†Baluchistan																							
Fort Sandeman ...	25·179	+ ·009	S 11 E	3·9	78·5	59·5	99·2	− 0·8	104	20	71·7	− 0·4	59	4	29	− 10	1·1	0·19	− 0·62	1	− 0·7	0·14	4
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	− 0·30	1	0	0·11	5
Quetta ...	24·498	− ·025	S 29 E	3·4	73·6	56·3	93·2	+ 1·2	99	20	62·2	+ 0·1	53	4, 13	30	− 4	0	0	− 0·15	0	− 0·4	0	...
Chaman ...	25·432	− ·025	S 29 W	4·6	80·3	60·0	95·8	− 3·4	102	18, 20	71·7	+ 0·2	65	22	27	− 7	0·1	0	− 0·02	0	0	0	...
Kalat ...	23·592	− ·008	S 1 W	6·3	64·6	55·5	87·6	− 3·2	94	19	53·8	+ 3·7	45	22	57	+ 16	0·3	0	− 0·22	0	− 0·5	0	...
Dalbandin ...	26·820	− ·005	S 80 W	4·3	81·2	64·2	104·9	− 2·4	111	18, 19	72·7	− 0·2	64	23	36	+ 9	0	0	− 0·02	0	− 0·1	0	...
Las Bela ...	29·270	...	S 1 W	3·7	86·4	79·0	103·4	...	110	4	79·2	...	74	6	76	...	4·5	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·240	− ·027	S 33 E	4·0	92·0	77·5	112·0	− 2·1	121	9, 10, 11	84·9	+ 0·2	77	5	49	− 8	0	0	− 0·20	0	− 0·4	0	...
Sukkur ...	29·271	...	S 7 E	5·1	86·0	77·2	108·6	...	117	10	82·4	...	74	5	65	...	0·3	0·15	...	1	...	0·15	5
Chor ...	29·523	...	S 39 W	13·4	86·9	78·2	103·6	...	111	12	76·7	...	71	11, 14, 16	67	...	3·1	0	...	0	...	0	...
Hyderabad ...	29·425	+ ·025	S 46 W	13·7	88·0	78·1	102·6	− 1·7	110	4	81·6	− 0·3	80	6, 7, 11	62	− 1	4·5	0	− 0·45	0	− 0·7	0	...
Karachi ..	29·554	+ ·026	S 71 W	12·7	84·5	81·1	89·4	− 1·3	91	13, 29	81·7	− 0·8	80	7, 8, 9	85	+ 5	4·9	0	− 0·86	0	− 0·6	0	...
Badin ...	29·515	...	S 57 W	13·4	87·0	80·1	99·9	...	105	12	78·1	...	66	3	72	...	4·1	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	28·769	+ ·035	S 44 W	8·0	88·6	73·9	105·3	− 2·0	111	27, 28	85·5	+ 0·2	76	30	48	− 6	0·6	0·03	− 1·42	0	− 2·4	0·03	7
Jodhpur ...	28·785	+ ·019	S 49 W	9·6	86·4	74·7	103·1	− 0·7	109	26	84·9	+ 2·7	81	15, 27	56	− 1	2·7	1·03	− 0·42	2	− 0·1	0·59	7
Barmer ...	28·903	...	S 53 W	8·0	84·9	78·0	102·3	...	110	12	78·5	...	68	15, 16	72	...	4·0	0·69	...	1	...	0·69	5
Rajputana, East																							
Jaipur ...	28·151	+ ·019	S 84 W	5·1	90·9	74·2	106·2	+ 2·6	112	11, 20	83·4	+ 1·9	77	23	44	− 9	0·8	0·15	− 2·15	1	− 2·8	0·12	27
Ajmer ...	27·981	+ ·011	S 72 W	9·3	85·6	72·1	105·3	+ 4·7	106	26	82·6	+ 0·9	78	18	50	− 11	1·1	0·04	− 2·37	0	− 2·5	0·04	26
Kotah ...	28·716	+ ·010	S 88 W	6·3	92·3	75·6	105·9	+ 0·9	112	13, 19	86·5	+ 1·0	76	24	44	− 5	2·4	0·17	− 2·77	1	− 3·1	0·17	24
Jhalrapatan ...	28·533	...	S 73 W	8·0	87·1	78·1	104·1	...	110	1	82·7	...	76	24, 30	66	...	2·6	0·98	...	4	...	0·40	24
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·21	− 1·09	3	− 1·6	1·30	28
Gujarat																							
Deesa ...	29·145	+ ·017	S 58 W	8·9	86·1	76·2	103·4	+ 1·2	108	26	81·3	+ 0·8	78	22	61	− 7	5·1	0·03	− 2·15	0	− 3·1	0·03	22
Bhuj ...	29·250	+ ·019	S 54 W	10·5	85·5	77·2	95·6	− 1·8	99	24, 26	80·7	+ 0·8	78	28	66	− 7	5·3	0·10	− 1·69	0	− 2·3	0·05	21, 28
Dwarka ...	29·595	+ ·030	S 55 W	15·3	85·2	79·3	89·2	0	91	27	83·2	+ 1·1	83	...	76	− 5	4·0	0	− 2·14	0	− 2·3	0	...
Rajkot ...	29·202	+ ·031	S 58 W	14·2	84·8	77·4	100·5	+ 0·8	104	12	79·4	+ 1·6	77	4 days	70	− 3	7·1	0·26	− 4·05	2	− 3·0	0·16	27
Veraval ...	29·655	+ ·049	S 80 W	10·6	84·1	80·6	86·2	+ 0·1	88	16	82·1	+ 0·9	79	23, 29	85	0	5·1	0·70	− 3·77	2	− 2·3	0·34	23
Surat ...	29·638	+ ·036	S 28 W	8·1	85·1	78·8	92·7	− 0·4	97	12	80·8	+ 1·2	76	23, 25	74	− 4	7·2	1·55	− 6·79	4	− 4·0	0·49	23
Bhavnagar ...	29·610	+ ·039	S 74 W	7·0	86·8	77·4	100·8	+ 1·2	106	4 days	80·6	+ 0·4	74	27	63	− 10	5·8	1·07	− 3·09	2	− 2·8	0·51	27
Ahmadabad ...	29·487	+ ·037	S 62 W	7·6	86·3	77·6	100·7	− 0·6	105	1, 12	80·9	0	75	26	67	− 3	6·1	2·54	− 1·79	4	− 1·1	1·02	26
Dohad ...	28·658	...	S 64 W	10·1	82·8	75·6	97·4	...	101	1	78·2	...	72	26	72	...	6·7	2·14	...	4	...	1·06	25

*Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *b*—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *k*—Mean of 21 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	27·991	+ ·011	S 69 W	8·3	83·7	76·9	99·4	+ 1·0	108	20	77·9	+ 0·3	70	19	72	+ 4	3·4	2·36	− 2·06	3	− 2·0	1·30	19
Indore ...	27·828	+ ·024	N 86 W	8·3	81·3	72·5	96·7	+ 1·4	102	1	76·4	+ 0·8	71	24	64	− 8	3·8	2·49	− 3·21	4	− 3·5	1·01	24
Bhopal ...	27·985	...	N 86 W	7·4	83·9	73·6	100·4	...	107	1	78·5	...	71	24	60	...	3·8	1·41	...	4	...	0·41	28
Gana ...	28·012	...	S 74 W	9·2	86·9	74·0	103·4	...	110	1	81·5	...	75	21, 24	52	...	2·0	1·50	...	2	...	1·28	21
Central India, East																							
Nowgong ...	28·768	− ·003	S 72 W	4·2	92·7	76·7	106·3	+ 4·0	115	13	84·9	+ 2·1	73	22	46	− 11	4·0	1·91	− 4·10	4	− 2·1	1·29	22
Satna ...	28·471	− ·012	S 87 W	6·7	92·6	76·0	105·4	+ 5·7	113	1, 13	84·6	+ 2·8	74	22	45	− 11	4·5	2·01	− 3·91	5	− 1·4	1·16	23
Umaria ...	28·058	...	N 69 W	4·9	89·2	73·3	102·3	...	110	1	82·8	...	71	24	41	...	4·0	5·98	...	6	...	3·54	24
Berar																							
Akola ...	28·729	+ ·027	N 87 W	9·9	84·0	74·3	99·3	+ 0·5	108	1	79·4	+ 1·4	73	20,23,24	62	− 3	3·2	3·66	− 1·72	6	− 2·0	1·12	20
Amraoti ...	28·410	+ ·012	S 76 W	9·4	83·5	73·2	99·3	+ 1·5	108	1	79·4	+ 2·0	72	23	59	− 9	5·1	6·70	+ 0·18	6	− 2·7	3·05	22
Central Provinces, West																							
Khandwa ...	28·594	+ ·026	N 85 W	10·3	83·4	74·8	100·1	+ 1·8	105	1, 12	78·9	+ 0·1	72	21, 30	66	0	4·4	3·81	− 1·61	3	− 4·0	2·15	24
Hoshangabad ...	28·617	+ ·017	S 70 W	3·4	85·7	71·7	101·2	+ 2·1	110	1	81·8	+ 2·7	72	25	59	− 7	4·1	3·68	− 3·09	4	− 4·2	0·78	21
Saugor ...	27·785	+ ·018	N 76 W	7·5	85·7	72·1	100·2	+ 1·8	109	1	80·5	+ 2·4	73	23, 24	49	− 12	3·3	0·85	− 5·62	3	− 5·1	0·30	9
Jubbulpore ...	28·251	+ ·021	N 85 W	4·0	87·4	73·5	101·2	+ 3·4	110	1	81·0	+ 2·1	71	24	50	− 11	4·8	4·95	− 2·37	7	− 2·0	1·71	23
Seoni ...	27·593	+ ·011	N 61 W	4·7	85·9	72·7	98·2	+ 3·1	109	1, 2	77·2	+ 2·1	69	12,24,25	52	− 12	4·5	8·28	− 1·03	7	− 4·5	2·44	24
Nagpur ...	28·576	+ ·006	N 69 W	6·4	86·8	73·9	102·1	+ 3·2	113	1	81·6	+ 2·6	71	22	53	− 11	5·7	10·20	+ 1·24	5	− 5·3	4·21	22
Central Provinces, East																							
Pendra ...	27·533	− ·005	N 67 W	7·8	86·9	72·9	98·8	+ 7·0	107	1	80·4	+ 5·6	69	30	50	− 15	5·9	4·38	− 4·15	9	− 3·2	1·09	30
Raipur ...	28·586	− ·006	N 71 W	5·5	88·6	75·1	103·0	+ 5·7	116	1	82·6	+ 3·8	73	21,23,25	52	− 14	5·4	2·86	− 6·15	6	− 3·8	1·83	23
Kanker ...	28·268	...	S 67 W	7·0	85·4	75·0	97·5	...	110	1	80·7	...	72	23	60	...	6·5	4·51	...	7	...	2·56	22
Chanda ...	28·971	+ ·003	S 89 W	7·9	87·6	75·4	101·8	+ 2·8	113	1	81·8	+ 2·1	72	23	55	− 8	2·7	6·78	− 0·88	9	− 0·7	1·45	23
Jagdalpur ...	27·791	− ·013	S 49 W	6·2	82·0	73·5	95·2	+ 4·9	110	2	75·5	+ 1·4	69	5, 23	66	− 9	4·5	4·49	− 5·02	14	+ 2·1	0·85	6
Konkan																							
Bombay ...	29·680	+ ·037	S 60 W	7·0	83·3	78·1	90·3	+ 2·0	94	13	79·4	+ 1·0	73	23, 25	79	− 3	6·6	10·62	− 7·69	14	− 0·3	3·51	23
Ratnagiri ...	29·539	+ ·037	S 41 W	6·0	81·2	77·0	85·7	− 1·0	90	2	75·8	− 1·5	72	22,23,24	83	0	5·8	29·61	+ 0·82	22	+ 1·8	3·01	25
Marmagao ...	29·574	+ ·049	S 60 W	7·9	79·5	76·3	84·3	...	89	2, 3	76·1	...	72	23,25,27	86	...	8·4	25·69	− 3·90	25	+ 4·5	2·85	9
Karwar ...	29·733	+ ·032	S 81 W	2·4	78·3	76·1	83·7	− 1·4	89	1, 2	74·3	− 1·9	70	25	91	+ 6	7·0	35·32	− 1·71	26	+ 3·0	2·71	18
Bombay Deccan																							
Malegaon ...	28·252	+ ·036	S 79 W	7·2	82·4	72·9	97·1	+ 1·1	104	1	74·3	− 0·8	64	19	62	− 6	8·2	2·80	− 1·53	6	− 0·8	1·77	19
Ahmadnagar ...	27·566	+ ·023	N 84 W	6·7	78·3	70·6	92·2	+ 0·2	101	1	72·5	+ 0·6	69	20,21,23	68	− 5	5·1	6·09	+ 1·27	10	+ 2·7	1·76	20
Poona ...	27·894	+ ·035	S 84 W	9·2	78·8	71·1	88·2	− 0·8	95	1	73·3	− 0·7	69	23	68	− 4	7·5	3·10	− 1·67	5	− 2·6	2·24	18
Sholapur ...	28·143	+ ·027	S 89 W	5·9	80·0	72·2	95·7	+ 2·1	104	1, 2	74·1	+ 0·5	70	23, 24	67	− 1	5·1	2·28	− 2·40	4	− 2·6	1·40	20
Miraj ...	27·937	...	S 89 W	9·2	77·1	71·7	88·9	...	94	1, 2	71·4	...	67	23	76	...	5·7	0·80	...	3	...	0·38	21
Bijapur ...	27·788	+ ·030	S 84 W	8·1	77·8	71·6	93·1	+ 1·6	103	3	72·5	+ 0·5	68	23	74	− 1	5·1	1·60	− 1·68	3	− 2·5	0·67	18
Belgaum ...	27·219	+ ·030	S 69 W	4·2	72·6	69·6	82·5	+ 1·1	88	1	67·6	− 0·6	65	4 days	86	0	7·0	2·04	− 6·10	7	− 6·5	0·52	20
Gadag ...	27·640	...	W	6·1	75·4	71·1	88·9	...	97	1	72·1	...	67	25	80	...	4·8	1·30	...	3	...	0·72	17
Hyderabad, North																							
Aurangabad ...	27·816	+ ·030	S 89 W	13·1	78·6	71·8	94·3	+ 0·2	102	1	72·4	− 0·4	67	20	70	0	7·6	4·16	− [illegible]	[illegible]	− 2·5	1·11	[illegible]
*Parbhani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·94	− [illegible]	[illegible]	+ 0·5	[illegible]	[illegible]
Nizamabad ...	28·412	+ ·006	S 82 W	3·1	82·5	72·7	98·4	+ 1·3	109	1	78·8	+ 1·7	70	23	61	− 7	4·6	5·91	+ [illegible]	[illegible]	− 1·8	[illegible]	[illegible]
Hyderabad, South																							
Gulbarga ...	28·221	+ ·040	S 87 W	11·0	79·9	71·8	96·2	+ 0·5	106	2	74·7	+ 0·6	69	23	67	− 5	5·3	1·71	− [illegible]	[illegible]	− 3·2	[illegible]	[illegible]
Raichur ...	28·437	+ ·053	N 86 W	11·4	80·2	72·5	96·7	+ 1·5	106	2	74·4	− 0·7	69	3	69	0	4·9	5·16	+ 1·60	7	+ 1·0	3·00	3
Hyderabad ...	27·979	+ ·026	N 75 W	6·7	81·0	71·6	95·6	+ 1·1	106	2	75·1	− 1·0	65	21	62	− 8	6·3	2·02	− 2·57	3	− 3·6	0·92	21
Hanamkonda ...	28·759	+ ·007	N 87 W	6·8	85·4	73·7	99·4	+ 2·8	110	1, 2	80·6	+ 1·7	73	23,24,26	56	− 1	6·2	3·86	− 2·10	10	+ 2·0	1·08	25
Mysore																							
Chitaldrug ...	27·375	+ ·027	S 70 W	9·0	75·1	70·0	88·4	+ 2·0	96	1	69·9	− 0·1	67	20	77	− 1	7·5	1·25	− 1·59	3	− 2·8	0·63	17
Bangalore ...	26·803	+ ·020	N 87 W	8·6	72·2	67·9	86·0	+ 1·1	92	30	67·0	+ 0·1	64	5	79	− 2	8·1	2·41	− 0·48	5	− 0·8	1·08	3
Mysore ...	27·300	+ ·019	S 63 W	5·7	73·0	68·9	85·4	+ 0·9	92	1	68·2	+ 0·1	66	19, 20	81	+ 1	6·9	0·61	− 2·32	1	− 5·2	0·21	12
Malabar																							
Mangalore ...	29·729	+ ·024	N 64 E	4·7	78·6	76·3	84·7	− 0·5	89	1, 3	74·7	+ 0·2	71	19	89	+ 2	8·1	31·51	− 5·27	25	+ 0·4	6·07	12
Calicut ...	29·799	+ ·034	N 34 W	4·0	78·6	76·1	83·5	− 0·8	90	1, 14	74·9	− 0·3	72	17,19,22	89	− 1	8·0	17·51	− 16·57	23	− 1·1	2·57	12
Cochin ...	29·820	+ ·018	N 25 E	5·8	80·0	76·8	84·9	− 0·4	87	11	76·4	+ 1·6	73	17,18,19	87	+ 1	7·3	12·56	− 15·93	21	− 3·2	1·95	3
Trivandrum ...	29·604	− ·001	N 35 W	6·7	80·2	76·8	84·7	+ 1·6	86	6 days	77·0	+ 1·4	74	18	85	− 2	7·7	2·93	− 10·46	9	− 7·9	0·81	3

* Reports only rainfall. *b*—Mean of 29 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·56	0	− 1·4	0	...
Pamban ...	29·731	+ ·025	S 10 W	14·0	84·2	78·5	89·0	− 1·1	91	8 days	79·3	− 0·8	75	8, 13	77	− 1	3·5	0	− 0·13	0	− 0·4	0	...
Madura ...	29·280	+ ·007	N 61 W	6·4	84·4	72·7	98·2	+ 0·4	102	28	78·8	+ 1·4	73	30	55	− 8	6·2	1·65	+ 0·28	2	− 0·3	1·34	30
Negapatam ...	29·710	+ ·019	S 77 W	6·8	85·7	74·7	99·3	+ 1·6	104	2	80·1	+ 0·6	73	5	58	− 8	6·1	0·61	− 0·69	1	− 1·3	0·54	26
Trichinopoly ...	29·484	+ ·006	S 67 W	9·1	84·4	74·3	97·6	− 1·4	102	1	78·9	+ 0·3	73	3, 29	60	− 2	4·7	2·49	+ 1·08	4	+ 1·8	1·80	29
Coimbatore ...	28·428	+ ·016	S 23 W	7·1	77·8	72·5	86·8	− 2·5	90	28	72·2	+ 0·4	70	4 days	76	− 4	6·6	0·61	− 1·05	2	− 2·6	0·31	15
Salem ...	28·835	+ ·012	S 34 W	6·1	79·3	73·7	94·8	− 0·5	99	1	74·7	+ 0·1	70	18	76	+ 1	5·0	4·49	+ 1·47	6	+ 0·7	2·42	30
Cuddalore ...	29·686	+ ·017	S 71 W	6·8	87·4	76·3	100·0	+ 1·3	105	2, 3	80·9	+ 0·8	76	30	58	− 9	5·1	0·12	− 1·42	0	− 2·7	0·06	5
Vellore ...	29·005	+ ·003	W	6·4	83·2	73·5	96·1	− 1·4	102	1, 3	78·4	− 0·4	72	30	62	− 2	5·6	3·76	+ 1·41	5	+ 0·5	1·45	30
Madras ...	29·671	+ ·004	S 61 W	8·2	87·1	75·2	99·4	+ 1·1	107	2	82·0	+ 1·4	74	29	55	− 7	5·5	1·14	− 0·75	3	− 0·7	0·69	29
Madras, Deccan																							
Cuddapah ...	29·294	+ ·025	N 50 W	7·9	85·9	75·6	99·6	− 0·4	106	1, 2	81·2	+ 0·8	75	4	60	− 1	6·4	1·20	− 1·73	3	− 1·5	0·91	4
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·23	− 0·78	3	− 0·5	0·55	7
Bellary ...	28·262	+ ·025	N 73 W	8·3	80·3	71·4	93·6	− 1·3	100	2	75·9	0	73	3, 25	63	+ 1	5·5	1·61	− 0·26	2	− 1·6	0·79	4
Kurnool ...	28·799	+ ·031	N 84 W	11·5	81·3	72·8	97·1	+ 0·1	106	2	77·3	0	72	3, 25	65	− 3	6·9	2·55	− 0·38	7	+ 1·4	0·69	18
Madras Coast, North																							
Nellore ...	29·608	+ ·010	S 89 W	6·3	87·7	75·0	101·7	+ 0·4	107	1, 3	83·4	+ 1·4	76	25	54	− 6	6·2	0·37	− 0·91	2	− 0·9	0·22	25
Masulipatam ...	29·621	− ·012	S 89 W	9·2	86·4	77·9	99·0	+ 0·9	113	2	80·8	+ 0·3	75	4, 24, 26	67	− 9	4·4	3·26	− 1·25	7	+ 0·7	1·05	9
Cocanada ...	29·584	− ·013	S 79 W	7·2	86·2	78·1	98·5	+ 2·6	111	1	80·9	0	74	4, 29, 30	68	− 8	7·3	3·28	− 1·53	8	+ 1·3	1·00	30
Vizagapatam *b* ...	29·462	− ·006	S 83 W	5·6	85·2	80·2	91·9	+ 0·7	102	18	81·3	+ 1·1	77	23, 30	79	+ 5	8·0	1·24	− 3·62	4	− 2·8	0·45	7
Calingapatam ...	29·548	− ·008	S 63 W	9·4	85·9	80·5	93·2	+ 0·5	105	18	81·1	+ 1·1	74	22	78	− 1	7·4	1·87	− 2·85	3	− 3·7	1·25	22
Gopalpur ...	29·492	− ·012	S 29 W	11·3	86·5	80·8	91·4	+ 1·8	100	18	82·5	+ 2·1	74	30	78	− 5	7·2	0·27	− 5·55	1	− 6·9	0·12	22
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·239	− ·013	S 27 W	3·5	72·5	69·3	79·0	+ 1·1	82	3, 7, 18	67·9	+ 1·7	64	15	86	− 1	6·0	4·99	− 3·83	12	− 1·0	1·64	2
Haka ...	23·972	...	N 54 E	7·9	63·3	61·9	70·5	...	78	17, 19	60·7	...	57	14, 15	92	...	6·8	22·93	...	23	...	3·10	14
Kanpetlet ...	23·802	...	S 15 E	...	66·5	62·5	69·7	...	77	17	60·8	...	59	4	81	...	7·6	19·25	...	20	...	2·65	14
Shillong ...	24·922	− ·021	S 34 W	2·9	69·0	65·4	74·6	+ 0·2	80	18	64·3	+ 1·3	60	1, 2, 3	83	0	9·2	13·53	− 2·84	19	− 0·4	2·03	29
Cherrapunji ...	25·481	− ·016	S 27 E	8·9	67·6	66·4	72·2	+ 0·1	77	3	64·8	+ 0·8	59	16	95	+ 1	9·8	110·37	+ 14·45	23	− 1·7	14·13	26
Darjiling ...	22·787	− ·032	S 22 E	3·6	60·1	59·6	64·6	− 1·6	69	17	57·4	+ 0·9	50	1	97	+ 3	8·9	19·57	− 4·69	25	+ 4·2	3·93	20
Kalimpong ...	25·762	...	E	5·5	69·7	68·7	74·4	...	78	9	66·4	...	62	5	95	...	8·4	13·98	...	20	...	2·64	20
Mukteswar ...	22·695	− ·011	N 88 W	8·2	65·4	56·2	75·8	+ 2·3	82	6	61·6	+ 4·2	53	30	57	− 17	3·0	3·60	− 3·53	7	− 3·9	0·92	22
Mussoorce ...	23·221	+ ·016	N 82 W	5·9	68·7	58·9	79·7	+ 2·8	88	13	64·2	+ 2·9	52	30	56	− 14	3·2	2·83	...	4	...	1·42	22
Simla ...	22·967	− ·009	N 30 E	2·7	70·9	59·0	78·6	+ 3·6	87	13	63·4	+ 3·8	50	30	49	− 10	2·7	4·78	− 2·35	7	− 2·9	1·45	22
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·73	...	3	...	1·73	30
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·12	...	4	...	0·80	22
Murree ...	23·098	...	S 33 E	3·7	72·6	55·0	80·6	− 0·8	88	12	62·3	− 2·0	50	22	31	− 20	3·3	3·93	+ 0·07	5	− 0·6	2·27	21
Chorai ...	25·477	0	N 6 W	8·2	80·6	65·8	95·2	+ 1·7	102	20	75·9	+ 2·7	65	6	44	+ 2	2·5	0·45	− 0·93	1	− 1·2	0·45	21
Peshawar ...	24·220	+ ·004	N 87 W	5·1	78·4	59·2	88·5	+ 0·6	94	14, 20	64·4	+ 0·6	55	4	31	− 9	2·4	1·16	− 0·97	5	+ 0·4	0·34	22
Drosh ...	[illegible]	...	S 78 E	4·4	75·7	58·6	93·2	+ 1·0	101	19	69·3	+ 0·9	59	21	34	− 13	1·7	0·28	− 0·36	1	− 0·9	0·19	21
Mount Abu ...	25·821	+ ·009	S 43 W	8·2	71·6	65·7	84·2	+ 0·8	87	4 days	67·1	− 1·4	64	1	73	0	6·4	1·02	− 4·20	3	− 3·3	0·35	22, 25
Pachmarhi ...	26·230	+ ·025	N 68 W	5·5	76·7	68·4	89·3	+ 1·9	98	1	72·1	0	66	24	64	− 7	6·3	4·84	− 4·82	6	− 4·7	1·90	22
Mahableshwar ...	25·412	...	W	...	64·9	64·5	69·9	...	80	1	62·3	...	59	22, 25	97	...	9·4	13·82	...	20	...	3·24	18
Mercara ...	26·112	+ ·022	N 76 W	8·4	66·2	65·5	72·0	− 0·3	77	1	63·5	+ 0·4	61	9, 25	97	+ 3	8·5	14·86	− 11·50	23	− 0·7	1·74	12
Kodaikanal ...	22·736	+ ·023	N 75 W	7·4	59·6	54·4	65·3	+ 0·5	70	2	53·1	+ 0·6	51	5 days	73	− 1	5·1	1·06	− 3·00	3	− 6·9	0·55	29
Coonoor ...	24·382	...	N 84 W	4·0	67·7	60·5	73·1	...	77	1	59·5	...	56	22, 23	68	...	6·0	0·97	...	3	...	0·56	3
Ceylon																							
Colombo ...	29·806	+ ·012	S 57 W	6·7	81·0	77·3	85·5	− 0·6	86	16 days	78·2	+ 0·9	74	23	85	0	7·6	1·71	− 6·20	5	− 8·3	0·43	23
Trincomalee ...	29·635	+ ·019	S 68 W	12·1	80·6	74·9	91·4	− 1·0	95	30	78·3	0	76	27	76	− 4	4·7	0·04	− 1·50	0	− 1·8	0·04	28
Hambantota *b* ...	29·721	− ·002	S 89 W	15·6	80·1	76·6	86·1	− 1·5	92	18	77·2	+ 0·1	75	23	85	− 4	4·0	0·84	− 1·32	2	− 3·9	0·49	23
Nuwara Eliya *b* ...	24·030	...	...	...	58·7	56·8	66·9	...	74	28	54·6	...	48	25	89	...	7·2	6·63	...	17	...	1·21	18
Arabia																							
†Aden ...	29·598	+ ·011	S 32 E	8·8	87·7	80·9	95·2	+ 0·3	102	15, 16	84·6	+ 0·5	80	14	73	+ 1	1·6	0	− 0·06	0	− 0·1	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *b*—Mean of 29 days. *c*—Mean of 28 days. *k*—Mean of 20 days. *q*—Mean of 14 days.

Y. P. P.—S 226—460—18-7-32

MONTHLY WEATHER REPORT

FOR

July 1932

(Supplement to the Indian Daily Weather Report for the 20th August 1932)

Published by order of the Governor-General in Council

Summary.—(1) Strong monsoon in the central parts of the country, Gujarat, Sind and in the hills of north-west India and active monsoon over the rest of the country excepting Bihar and the plains of the United Provinces; (2) northerly movement of one low pressure wave from the west coast of the Peninsula to Sind and Baluchistan; (3) westerly movement of three depressions from the head of the Bay and of one depression from Bengal.

The Bay monsoon was active in Burma and fairly active in Assam and Bengal for the first twenty days of the month. The Arabian sea monsoon strengthened in Malabar and the Konkan after the 1st and in the interior of the Peninsula in the course of the next two days and was strong there up to the 15th. This strengthening was associated with a low pressure wave which moved northwards to Baluchistan along the west coast of the Peninsula and through Kathiawar to lower Sind thereby accentuating the seasonal low over northwest India on the 13th. The low pressure wave caused an extension of monsoon in northwest India between the 6th and 9th and locally heavy rain in Malabar and the Konkan from the 4th to 10th, in Gujarat between the 6th and 15th and in Sind on the 12th. The monsoon strengthened from Orissa and Chota Nagpur to west Central India after the 7th in connection with a depression which formed off the Orissa-Ganjam coast between the 8th and 9th. The depression moved slowly northwards and lay over Orissa on the 13th morning. It moved to the west Central Provinces in the course of the next two days and, weakening thereafter, filled up before the 17th morning. The depression was responsible for strong monsoon in Orissa, the Central Provinces and west Central India between the 7th and 20th and in the north Deccan, and northwest India between the 13th and 20th. It is reported that a country boat capsized in the river Dholeswari near village Elasin (Mymensingh District) on the 13th night during a sudden squall.

During the last ten days of the month the monsoon was strong in Orissa, the north Deccan, the central parts of the country and northwest India and active in Burma, Assam, and Bengal. This activity was associated with the westward to northwestward movement of two depressions from the head of the Bay and one from Bengal. With the passage of a low pressure wave from the east across Burma into the Bay, conditions became unsettled in the north Bay and on the 18th morning a depression formed with centre near Lat. 20° N and Long. 89° E. The depression moved westwards and was centred to the south of the Sandheads on the 19th morning. It persisted there for a day, crossed the Orissa coast on the 21st and lay near Pendra on the next morning. Moving northwestwards, it was centred near Sutna by the next morning and became unimportant in the course of that day. With the passage of another low pressure wave from the east across Burma into the Bay in connection with the westward movement of a typhoon from the China seas, conditions became markedly unsettled in the north Bay on the 23rd and a depression had formed by the next morning with centre to the south of the Sandheads. The depression moved rapidly northwestwards and lay over Orissa on the 25th morning, where it filled up in the course of that day. With the passage of a third low pressure wave from the east across Burma, a depression formed over Bengal by the 30th morning. By the next day the depression moved to Chota Nagpur and became unimportant over the east United Provinces on the 1st August. All these depressions were responsible for locally heavy rain from southwest Bengal and Orissa to Gujarat. The monsoon was very weak in Bihar and the east United Provinces up to the 26th but it strengthened in those areas after that date.

2. The month's rainfall was in moderate to large defect in Bihar, the east United Provinces, southeast Madras and the Madras Deccan, in slight defect in the Bay Islands, Assam, Bengal, the west United Provinces, south Hyderabad and Malabar; it was normal in Upper Burma, the Punjab, west Rajputana, east Central India and the north Madras coast, in slight excess in Lower Burma, east Rajputana, the Konkan and Mysore and in moderate to large excess elsewhere. Averaged over the plains of India, the month's total rainfall was in excess by 14 per cent.

3. The temperature distribution over the country during the month was more or less governed by the rainfall distribution. Both the mean monthly maximum and minimum temperatures were above normal in Kashmir; the maximum was above normal in Bihar, the United Provinces and east Central India and below it in Upper Burma, Orissa, Baluchistan, Berar and north Hyderabad and the minimum was above normal in Upper Burma and Baluchistan.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall during the month was within 22 per cent of the normal. Humidity was in defect in the Bay Islands and the maximum temperature below normal and the minimum above it in Upper Burma.

Northeast India, including Orissa.—The total rainfall during the month was in moderate defect in Bihar, in slight defect in Assam and Bengal and in moderate to large excess elsewhere. Cloud amount was above normal in Orissa and humidity in defect in Bihar. Maximum temperature was below normal in Orissa and above it in Bihar.

The United Provinces, Central India and the Central Provinces.—The month's total rainfall was in moderate to large excess in west Central India and the Central Provinces, normal in east Central India, in slight defect in the west United Provinces and in moderate defect in the east United Provinces. Humidity was in defect in the United Provinces and in excess in Berar and the east Central Provinces. Maximum temperature was above normal in the United Provinces and east Central India and below it in Berar.

Northwest India.—Rainfall during the month was in moderate to large excess in Kashmir, the North-West Frontier Province, Baluchistan, Sind and Gujarat, in slight excess in east Rajputana and normal in the Punjab and west Rajputana. Skies were more clouded than usual in the division excepting Kashmir, east Rajputana and Gujarat. Humidity was in excess in Kashmir, the North-West Frontier Province and Baluchistan. Maximum temperature was above normal in Kashmir and below it in Baluchistan and the minimum above normal in both these sub-divisions.

The Peninsula.—The month's rainfall was in moderate excess in the Bombay Deccan and north Hyderabad, in slight excess in the Konkan and Mysore, normal in the north Madras coast, in slight defect in south Hyderabad and Malabar and in large defect elsewhere. Cloud amount was above normal in southeast Madras. Humidity was in excess in the Bombay Deccan and north Hyderabad and in defect in southeast Madras. Maximum temperature was below normal in north Hyderabad.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 8th August 1932.

C. W. B. NORMAND,
Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	28·46	24·22	+4·24	+ 18	−2·6	+ 0·8	0	+0·5
2. Assam ...	13·92	16·89	−2·97	− 18	+0·8	− 0·1	− 1	+0·3
3. Bengal ...	14·20	16·36	−2·16	− 13	−0·3	− 0·3	0	+0·4
4. Bihar and Orissa ...	12·48	12·69	−0·21	− 2	0	− 0·2	− 1	+0·3
5. United Provinces ...	9·07	12·13	−3·06	− 25	+3·7	+ 1·3	− 7	−0·5
6. Punjab ...	5·65	5·32	+0·33	+ 6	−0·8	0	+ 1	+1·2
7. North-West Frontier Province.	3·95	1·71	+2·24	+131	−1·1	− 0·1	+ 7	+2·0
8. Sind ...	4·43	2·23	+2·20	+ 99	−0·7	+ 0·4	+ 1	+1·0
Sub-division								
1. Bay Islands ...	11·95	15·25	−3·30	− 22	−0·8	+ 0·7	− 6	+1·0
2. Lower Burma ...	41·77	34·93	+6·84	+ 20	−1·0	− 0·3	+ 1	+0·7
3. Upper Burma ...	9·45	8·92	+0·53	+ 6	−4·6	+ 2·2	0	+0·2
4. Assam ...	13·92	16·89	−2·97	− 18	+0·8	− 0·1	− 1	+0·3
5. Bengal ...	14·20	16·36	−2·16	− 13	−0·3	− 0·3	0	+0·4
6. Orissa ...	21·66	12·73	+8·93	+ 70	−2·1	− 0·7	+ 3	+1·6
7. Chota Nagpur ...	16·01	12·79	+3·22	+ 25	−0·9	− 0·4	− 1	+0·9
8. Bihar ...	7·03	12·63	−5·60	− 44	+2·1	+ 0·4	− 4	−1·1
9. United Provinces, East	7·04	11·60	−4·56	− 39	+4·0	+ 1·6	− 9	−1·0
10. Do. do. West.	10·81	12·58	−1·77	− 14	+3·3	+ 0·9	− 5	−0·1
11. Punjab, East and North	7·41	6·83	+0·58	+ 8	−0·6	+ 0·6	− 1	+1·1
12. Do. Southwest ...	2·56	2·68	−0·12	− 4	−1·0	− 0·9	+ 3	+1·3
13. Kashmir ...	2·27	1·70	+0·57	+ 34	+2·1	+ 3·1	+ 9	−0·1
14. North-West Frontier Province.	3·95	1·71	+2·24	+131	−1·1	− 0·1	+ 7	+2·0
15. Baluchistan ...	2·40	1·15	+1·25	+109	−3·3	+ 2·9	+13	+2·4
16. Sind ...	4·43	2·23	+2·20	+ 99	−0·7	+ 0·5	+ 1	+1·0
17. Rajputana, West ...	3·67	3·39	+0·28	+ 8	−0·9	+ 0·1	+ 3	+1·1

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division—*contd.*								
9. Rajputana ...	7·00	6·34	+0·66	+ 10	−0·1	−0·2	− 1	+0·7
10. Bombay ...	19·00	13·32	+5·68	+ 43	−1·1	0	+ 3	+0·5
11. Central India ...	13·73	11·48	+2·25	+ 20	+1·9	+0·4	− 1	−0·3
12. Central Provinces ...	22·85	13·29	+9·56	+ 72	−1·2	−0·4	+ 4	+0·5
13. Hyderabad ...	7·75	7·35	+0·40	+ 5	−1·7	−0·3	+ 4	+0·5
14. Mysore ...	3·76	3·31	+0·45	+ 14	−0·4	+0·8	+ 2	+0·3
15. Madras ...	5·44	6·99	−1·55	− 22	−1·0	+0·3	− 1	+0·6
Mean of India ...	13·67	11·99	+1·68	+ 14	−0·5	+0·2	0	+0·5
Sub-division—*contd.*								
18. Rajputana, East ...	8·67	7·81	+0·86	+ 11	+0·4	−0·4	− 3	+0·5
19. Gujarat ...	17·26	9·23	+8·03	+ 87	−1·0	0	+ 3	+0·6
20. Central India, West ...	15·17	9·38	+5·79	+ 62	−0·7	+0·1	+ 3	−0·1
21. Do. do. East ...	12·30	13·58	−1·28	− 9	+4·6	+0·7	− 3	−0·6
22. Berar ...	12·59	9·01	+3·58	+ 40	−2·3	+0·1	+ 5	−0·6
23. Central Provinces, West.	25·92	14·07	+11·85	+ 84	−0·8	−0·5	+ 3	+0·5
24. Do. do. East.	23·37	14·27	+9·10	+ 64	−1·3	−0·5	+ 5	+1·0
25. Konkan ...	37·45	31·63	+5·82	+ 18	−0·2	−0·1	0	−0·4
26. Bombay Deccan ...	9·01	6·55	+2·46	+ 38	−1·6	+0·1	+ 4	+1·0
27. Hyderabad, North ...	10·82	8·24	+2·58	+ 31	−2·7	−0·3	+ 6	+0·4
28. Do. South ...	5·44	6·69	−1·25	− 19	−1·2	−0·3	+ 3	+0·6
29. Mysore ...	3·76	3·31	+0·45	+ 14	−0·4	+0·8	+ 2	+0·3
30. Malabar ...	19·97	24·40	−4·43	− 18	−0·1	+0·8	+ 1	−0·1
31. Madras, Southeast ...	0·88	2·40	−1·52	− 63	−1·0	+0·8	− 4	+1·3
32. Do. Deccan ...	1·71	3·49	−1·78	− 51	−1·9	+0·2	0	−0·4
33. Do. Coast, North...	5·85	5·37	+0·48	+ 9	−1·3	−0·6	+ 3	+0·5

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·653	−·038	S 56 W	6·7	80·3	75·7	84·6	− 0·8	87	3, 27, 28	78·2	+0·7	74	16, 18	80	− 6	9·2	11·95	− 3·30	16	− 3·5	2·36	19
Lower Burma																							
Victoria Point ...	29·648	−·010	S 9 W	6·5	78·4	76·0	82·2	− 1·2	85	4, 26	74·9	+0·2	71	16	89	+ 1	9·7	32·64	+ 2·61	28	+ 5·5	3·05	15
Mergui ...	29·704	−·019	S 19 E	...	75·9	75·4	82·8	− 1·6	89	4	72·9	−0·1	71	16, 17, 25	98	+ 5	5·6	48·22	+16·77	31	+ 5·7	3·79	29
Tavoy ...	29·742	−·027	S 27 E	3·2	75·7	74·7	82·5	− 0·8	87	3, 23	73·3	−1·0	71	15, 31	95	+ 2	9·4	48·53	− 0·69	30	+ 3·2	4·69	24
Amherst ...	29·656	...	S 14 W	9·9	77·5	75·7	82·3	...	85	7 days	74·2	...	72	17, 25	91	...	9·9	55·76	...	30	...	5·25	18
Rangoon ...	29·677	−·031	S 5 W	4·2	78·8	76·8	84·8	− 0·5	90	6	75·4	−0·4	73	14, 16	91	− 1	9·5	24·25	+ 2·83	25	− 0·1	2·67	12
Bassein ...	29·648	−·035	S 13 W	4·0	79·3	77·0	85·5	+ 0·3	91	6	75·7	−0·4	73	15	89	− 4	9·5	19·86	− 4·69	26	+ 0·1	2·71	23
Diamond Island ...	29·619	−·047	S 28 W	9·6	80·8	78·1	84·1	− 0·5	88	6	76·1	−0·1	73	18, 22, 23	89	+ 3	9·0	40·42	+14·95	27	+ 3·7	4·46	18
Gwa ...	29·644	...	S 9 E	3·8	79·5	77·5	84·5	...	89	1, 12	75·4	...	73	15, 26	91	...	9·3	59·81	+12·42	30	+ 3·8	8·71	24
Toungoo ...	29·538	−·013	S 31 E	...	78·3	76·0	85·5	− 1·4	91	1, 5	75·2	+0·3	73	15	89	− 2	9·6	20·04	+ 2·40	26	+ 1·6	3·24	31
Kyaukpyu ...	29·592	−·047	S 29 E	5·7	79·1	77·5	83·5	− 1·5	88	7, 8	75·9	−0·1	73	11	93	+ 2	9·0	57·86	+10·53	29	+ 2·4	6·37	30
Akyab ...	29·570	−·049	S 21 E	10·5	79·1	77·5	82·7	− 1·9	88	7	76·2	−0·8	72	16	93	− 1	9·5	66·11	+11·31	27	+ 0·6	7·26	4
Upper Burma																							
Minbu ...	29·444	−·047	S 40 E	5·9	80·0	76·5	89·7	− 6·8	96	2	77·1	+2·4	74	27	85	+ 2	5·7	6·96	+ 2·44	12	+ 2·8	2·34	5
Yamethin ...	28·999	−·033	S 4 E	7·1	79·4	74·9	90·2	− 5·7	96	1, 6, 7	74·8	+2·5	72	25	80	− 4	7·0	6·06	+ 2·15	10	+ 0·7	1·75	10
Mandalay ...	29·364	−·041	S 21 E	6·7	82·7	77·6	93·8	− 0·9	99	1, 5, 6	79·2	+0·6	75	25	79	+ 4	7·7	6·70	+ 3·41	8	+ 2·3	3·45	23
Monywa ...	29·332	−·038	S 38 E	3·9	82·4	76·7	95·3	− 4·9	102	6	78·7	+2·8	75	25, 26	77	− 3	7·8	2·71	− 0·03	5	+ 0·1	1·35	25
Lashio ...	26·879	−·027	S 30 W	2·6	72·7	70·6	81·9	− 6·3	88	24	69·6	+2·7	67	4, 16	91	+ 2	9·4	9·29	− 2·71	15	− 2·5	1·17	7
Bhamo ...	29·219	−·027	E	2·1	78·9	77·1	87·7	− 0·5	96	25	76·3	+1·4	74	4 days	91	− 2	9·5	18·30	+ 1·52	22	+ 2·3	3·15	18
Myitkyina ...	29·126	−·024	S 16 E	2·4	78·8	76·7	87·3	− 7·4	96	25	75·6	+3·0	73	5, 18, 19	91	− 1	9·0	16·14	− 3·03	18	− 3·3	2·88	18
Assam																							
Dibrugarh[a] ...	29·219	−·033	N 59 E	2·9	79·4	77·1	89·8	+ 3·1	96	20	75·6	+0·2	72	15	89	− 5	6·3	17·93	− 3·86	15	− 7·1	4·75	28
Sibsagar ...	29·248	−·026	S 87 E	3·2	80·6	78·5	90·8	+ 1·6	98	25	77·1	−0·6	73	15	91	− 1	9·5	14·72	− 2·29	19	− 0·5	2·77	31
Tezpur ...	29·310	−·027	N 88 E	1·6	80·3	78·1	90·2	+ 1·0	96	25	77·1	−0·5	75	5 days	91	0	8·6	16·22	+ 1·79	18	+ 0·5	4·19	21
Gauhati ...	29·346	−·048	N 81 E	2·5	81·3	78·6	89·7	− 0·5	96	25	78·3	+0·3	75	16	89	+ 1	8·4	10·21	− 1·53	14	− 0·9	1·68	5
Dhubri ...	29·414	−·041	N 58 E	6·2	81·1	78·7	85·7	− 0·2	91	19, 20, 21	78·2	0	75	1, 2, 7	89	− 2	6·3	8·92	− 8·13	15	− 1·1	2·11	6
Silchar ...	29·482	−·030	N 60 E	2·2	81·3	78·6	90·9	+ 0·9	98	25	76·8	−0·4	75	1, 2, 19	89	− 1	7·9	16·42	− 3·32	22	− 0·6	2·06	27
Srimangal ...	29·487	−·047	N 79 E	...	80·7	78·4	89·9	− 0·4	96	25	76·6	+0·4	74	1, 2	89	+ 1	7·8	13·02	− 3·45	27	+ 5·3	1·23	26
Bengal																							
Cox's Bazar ...	29·530	−·044	S 40 E	3·8	80·2	77·8	84·6	− 1·0	89	9	78·1	+1·9	75	1, 15	89	− 2	9·1	38·77	+ 3·88	24	+ 1·9	7·60	14
Chittagong ...	29·464	−·052	S 36 E	9·5	80·4	76·9	86·0	+ 0·1	92	18	76·7	+0·1	73	1	85	− 4	8·6	27·85	+ 5·45	18	− 0·6	5·80	28
Noakhali ...	29·499	−·068	S 32 E	7·0	81·0	78·5	85·9	+ 0·1	90	8, 20	78·3	+0·6	76	4 days	89	− 1	7·9	12·66	−11·69	19	− 3·6	1·49	28
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15·61	+ 0·56	19	+ 0·8	3·30	6
Narayanganj ...	29·489	−·053	S 42 E	5·6	82·8	79·1	88·2	0	92	25	78·5	−0·4	75	15	85	− 4	8·5	9·89	− 3·09	14	− 3·2	1·88	29
Mymensingh ...	29·480	−·035	S 53 E	1·1	81·3	78·6	88·0	+ 0·5	94	25	77·5	−0·8	74	1	89	− 1	8·8	18·64	+ 2·18	17	− 2·8	2·65	8
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15·05	+ 2·22	20	+ 2·4	2·80	29
Barisal ...	29·499	−·049	S 36 E	4·5	81·0	78·1	85·7	− 1·7	91	8	77·6	−0·9	75	15, 27, 28	87	− 2	8·2	17·95	+ 2·35	20	− 0·4	3·39	12
Khulna ...	29·481	...	S 41 E	3·5	82·1	79·3	86·7	...	91	2	78·4	...	76	15, 30, 31	87	...	8·9	14·07	...	22	...	1·86	14
Jessore ...	29·466	−·050	S 36 E	4·8	81·9	79·9	87·3	...	91	2, 9	77·9	...	75	1, 31	91	+ 3	6·9	5·85	− 6·35	16	− 1·3	0·87	7
Satkhira ...	29·472	...	S 45 E	4·1	82·2	79·9	87·7	...	91	6 days	78·2	...	75	30, 31	89	...	8·5	11·36	...	18	...	1·80	27
Calcutta ...	29·451	−·066	S 51 E	4·1	81·9	79·8	88·6	0	93	1, 2	79·5	+0·8	75	31	91	+ 3	8·9	9·87	− 2·64	19	+ 1·2	1·39	30
Saugor Island[b] ...	29·446	−·072	S 18 E	14·4	82·3	79·2	86·1	− 1·7	89	20	79·3	−1·0	76	4, 12	87	0	9·5	18·90	+ 4·25	22	+ 6·2	4·50	26
Sandheads ...	29·431	−·103	S 24 W	...	83·0	81·2	...	...	...	...	...	...	...	...	91	+ 3	7·9	9·90	+ 2·13	14	+ 3·6	1·68	12
Midnapore ...	29·320	−·058	S 54 E	3·3	81·5	79·4	88·8	− 1·3	97	2	78·3	−0·5	74	31	91	+ 6	8·5	17·33	+ 4·80	21	+ 5·1	2·93	30
Burdwan ...	29·365	−·067	S 37 E	3·0	81·9	79·5	90·5	+ 0·4	95	2	78·5	−0·7	75	31	89	+ 2	6·5	10·19	− 2·38	15	− 0·7	4·06	30
Krishnagar ...	29·433	...	S 45 E	4·2	82·4	79·5	89·7	...	95	2	78·0	...	75	31	87	...	9·7	5·42	− 5·60	15	− 0·9	0·81	4
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·73	− 1·38	15	− 0·4	2·66	2
Asansol ...	29·045	...	S 67 E	4·9	81·3	78·4	89·6	...	101	2	77·7	...	75	15, 31	87	...	7·4	14·63	...	20	...	3·10	2
Berhampore[a] ...	29·410	−·060	S 69 E	4·2	79·9	77·6	87·5	− 2·1	95	2	75·6	−3·3	75	6	89	− 1	8·7	9·25	− 1·60	21	+ 5·1	1·36	8
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·03	− 2·78	15	0	1·75	6
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15·42	+ 3·93	15	− 0·6	3·76	29
Bogra ...	29·457	−·036	S 68 E	3·7	82·1	79·3	88·3	− 0·6	93	19	78·5	0	74	1	87	− 2	8·9	8·72	− 4·34	18	+ 1·4	1·85	8
Malda ...	29·389	...	S 72 E	5·6	82·8	79·6	88·7	...	93	19	78·5	...	74	1	87	...	7·7	5·38	− 5·59	14	− 0·6	1·41	[illegible]
Dinajpur ...	29·384	−·039	S 87 E	2·8	82·2	78·9	89·2	− 0·1	95	19, 25	78·3	−0·4	75	1	85	− 5	7·4	12·99	− 2·51	15	− 2·1	3·13	5
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·11	− 2·15	14	− 1·1	2·86	7
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14·40	−15·94	15	− 4·6	3·35	5
Jalpaiguri ...	29·267[a]	−·028	S 74 E	4·3[a]	82·1	81·0[a]	91·0[a]	+ 2·5	97	25	77·7[a]	+0·6	76	10 days	96	+ 4	6·4	17·70	−13·58	18	− 3·9	3·30	19

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *c*—Mean of 28 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·400	− ·065	S 39 W	6·0	81·7	78·9	86·5	− 2·9	93	1	78·4	0	76	12	87	+ 1	9·9	12·78	+ 1·88	19	+ 4·9	2·13	7
Chandbali	29·452	...	S 77 W	7·3	81·3	78·6	...	...	...	...	77·3	...	74	7, 14	89	...	6·9	15·52	...	19	...	3·71	20
Puri	29·455	− ·072	S 52 W	12·2	82·1	78·9	86·1	− 1·6	90	10	79·0	− 0·8	75	21	87	+ 1	8·3	17·91	+ 7·91	15	+ 3·1	5·99	25
Cuttack	29·399	− ·059	S 77 W	3·6	81·0	77·9	87·9	− 2·1	96	1	77·6	− 1·0	75	4 days	87	+ 4	8·5	22·42	+10·71	20	+ 4·5	7·10	18
Angul	29·023	− ·065	N 81 W	4·0	79·8	76·8	86·7	− 1·8	95	2	76·9	− 0·4	74	15,30,31	87	+ 4	8·7	28·87	+17·88	17	+ 2·6	9·69	25
Sambalpur	28·992	− ·069	S 45 W	4·8	78·8	76·3	85·8	− 1·9	95	3, 9	75·9	− 1·4	73	15,30,31	89	+ 4	8·7	26·27	+ 6·25	23	+ 3·6	2·89	13
Chota Nagpur																							
Jamshedpur	29·029	...	S 72 E	4·4	80·8	77·4	89·2	...	98	2	78·4	...	74	30	85	...	8·7	13·75	...	20	...	2·32	12
Chaibasa	28·728	− ·055	S 45 E	3·3	80·5	77·2	88·7	− 1·7	97	2	77·2	− 0·3	74	12,30,31	85	+ 3	9·4	16·86	+ 4·77	22	+ 6·6	2·67	30
Ranchi	27·348	− ·050	S 45 E	3·6	76·5	73·7	83·9	− 0·7	92	1	72·2	− 1·3	68	30	86	− 1	9·2	13·04	− 1·73	21	+ 3·5	1·85	30
*Hazaribagh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·69	− 2·75	15	− 2·4	2·00	30
Daltonganj	28·730	− ·049	N 45 E	5·1	82·5	77·7	91·3	− 0·2	100	4, 5	78·5	+ 0·3	74	29, 30	79	− 4	5·8	24·43	+12·57	17	+ 2·3	7·25	30
Bihar																							
Purnea	29·370	− ·046	E	2·7	83·1	79·5	90·4	+ 0·7	97	19	78·5	− 0·3	76	1, 9, 15	85	− 5	6·9	4·33	− 9·94	12	− 4·8	1·00	9
Darbhanga	29·301	− ·060	E	12·2	84·5	82·6	...	...	...	...	...	...	...	...	91	+ 4	6·5	2·92	− 8·72	7	− 7·2	1·28	29
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12·28	− 0·19	5	− 9·5	5·85	8
Motihari	29·253	− ·052	S 85 E	6·4	85·3	80·5	94·6	+ 4·6	100	19,20,26	79·9	+ 1·5	76	1	80	− 8	5·1	2·30	−12·50	6	− 8·5	0·92	6
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·93	− 6·29	8	− 5·9	2·10	5
Patna	29·288	− ·044	S 85 E	6·0	85·6	79·8	94·5	+ 4·0	101	19, 25	81·2	+ 1·4	78	1, 6, 9	76	−10	7·1	4·95	− 6·99	8	− 5·9	1·09	6
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·19	− 3·51	11	− 3·3	1·15	30
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·54	− 2·05	13	− 0·6	2·20	30
Gaya	29·086	− ·052	N 79 E	4·2	85·6	79·0	95·3	+ 3·3	103	4	79·0	0	76	15	74	− 8	5·6	7·27	− 5·73	12	− 3·2	3·14	30
Naya Dumka	28·989	− ·046	S 81 E	3·4	81·2	78·4	89·6	+ 0·1	95	2	77·5	− 0·4	75	6, 15	87	+ 1	4·4	16·07	+ 2·59	21	+ 3·1	2·27	5
Sabour	29·352	...	S 67 E	6·7	83·0	80·0	91·7	...	97	25	79·1	...	75	9	87	...	6·6	3·50	− 8·29	8	− 7·0	0·66	29
United Provinces, East																							
Gorakhpur	29·223	− ·032	S 88 E	3·1	85·6	80·2	94·1	+ 3·1	101	19	79·9	+ 0·9	71	6	78	− 9	6·6	10·96	− 2·47	10	− 4·2	2·22	30
Benares	29·201	− ·049	N 62 E	5·2	85·9	79·5	96·3	+ 4·1	102	5	81·5	+ 1·8	77	29, 30	71	− 8	7·3	7·10	− 4·44	9	− 4·9	3·09	30
Allahabad	29·160	− ·028	N 78 E	5·7	85·7	79·5	96·6	+ 3·8	104	1	81·3	+ 1·5	77	1, 30, 31	76	− 4	6·7	5·19	− 6·52	10	− 3·7	1·11	30
Fatehpur	29·063	...	N 70 E	3·6	88·1	80·6	98·4	...	105	4, 20	82·1	...	75	1	63	...	5·1	9·61	...	6	...	6·90	31
Cawnpore	29·047	− ·030	N 60 E	2·8	87·1	79·8	98·2	+ 4·4	106	20	82·1	+ 1·8	76	1, 31	71	− 9	3·2	5·92	− 4·63	7	− 5·3	2·23	20
Lucknow	29·100	− ·029	N 89 E	3·7	86·8	79·8	97·2	+ 4·8	105	19, 20	82·1	+ 2·6	77	1, 20	72	−10	5·5	5·12	− 6·33	6	− 7·1	1·93	29
Bahraich	29·057	− ·039	S 72 E	4·5	86·2	78·9	96·1	+ 4·0	106	20	80·2	+ 1·2	72	5, 30	72	−11	4·0	7·95	− 2·95	9	− 3·0	2·20	5
Gonda	29·127	...	S 84 E	3·9	84·9	79·6	96·8	...	105	20, 21	80·7	...	73	6	78	...	5·5	5·64	...	8	...	1·82	7
United Provinces, West																							
Jhansi	28·642	− ·051	S 59 W	1·8	85·7	78·5	96·8	+ 4·3	107	5	80·1	+ 0·7	75	16, 31	73	− 5	5·8	9·93	− 1·64	11	+ 0·6	1·76	28
Agra	28·908	− ·031	N 52 E	5·1	86·5	78·4	98·5	+ 3·5	107	5	82·0	+ 1·8	72	1	68	− 2	5·2	3·94	− 5·18	6	− 5·4	1·91	21
Mainpuri	28·943	− ·033	S 73 E	5·7	87·1	79·6	99·1	+ 3·9	109	5	81·1	+ 0·5	72	7	71	− 7	6·4	6·26	− 1·04	6	− 4·0	2·30	20
Aligarh	28·878	...	S 71 E	5·2	86·9	80·2	97·5	...	107	5	81·5	...	73	1	74	...	6·0	9·25	...	11	...	3·57	13
Bareilly	28·922	− ·008	S 81 E	3·1	86·5	79·3	98·2	+ 5·9	106	3	80·6	+ 1·7	74	21	72	−12	5·5	5·35	− 8·04	7	− 5·5	3·18	30
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·87	− 1·22	9	− 0·9	2·03	14
Roorkee	28·601	− ·006	S 56 E	3·0	82·5	77·3	92·4	+ 0·2	103	3	78·5	+ 0·4	73	6, 12, 13	79	− 1	7·0	13·33	+ 1·33	14	+ 2·1	2·98	27
Dehra Dun	27·312	− ·010	N 48 E	1·7	77·8	73·5	87·8	+ 1·9	96	3	74·0	+ 0·1	70	1, 6, 31	80	− 5	7·6	28·99	+ 3·40	19	− 0·9	5·16	24
Punjab, East and North																							
Delhi	28·750	− ·026	S 36 E	4·0	86·6	79·4	96·8	...	105	4, 5	81·3	...	72	24	73	...	5·9	2·98	− 4·55	6	− 2·9	1·36	31
Hissar	28·737	− ·015	S 3 E	4·6	87·8	78·9	99·5	− 1·1	113	6	80·7	− 1·2	73	10	66	0	4·0	4·20	+ 0·44	6	+ 0·7	2·32	10
Ambala	28·586	− ·018	S 63 E	3·9	84·0	77·3	96·2	+ 0·8	107	4, 6	79·3	+ 0·2	71	28	74	− 5	6·7	14·13	+ 6·78	13	+ 3·3	2·18	28
Ludhiana	28·658	− ·017	S 46 E	2·8	85·6	78·6	96·2	− 1·1	108	6	79·7	− 0·8	72	1	73	+ 1	6·4	7·49	− 0·71	11	+ 2·7	1·95	31
Lahore	28·751	− ·014	S 69 E	2·8	87·0	79·5	98·5	− 2·1	113	6	81·5	+ 0·8	69	1	71	+ 2	5·8	6·43	+ 0·95	7	+ 1·2	2·99	20
Sialkot	28·636	− ·013	S 54 E	3·3	86·5	78·3	97·9	+ 0·2	110	6	81·2	+ 1·3	75	1, 24, 31	69	− 3	5·2	9·68	+ 1·82	9	+ 0·6	4·56	28
Rawalpindi	27·821	− ·012	S 14 E	2·5	86·4	77·5	97·6	− 0·3	113	6	79·9	+ 3·1	71	13	65	− 3	7·5	6·98	− 0·68	7	− 1·7	2·50	24

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *d*—Mean of 27 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	28·822	− ·030	N 70 E	6·5	87·6	80·7	99·6	− 3·0	114	6	80·7	− 1·8	72	11	73	+ 10	4·3	3·49	− 0·15	6	+ 1·6	0·90	11
Lyallpur ...	28·848	+ ·005	S 45 E	3·7	89·2	79·2	101·4	− 0·8	114	8	82·5	+ 0·2	72	1	63	0	4·8	2·73	− 0·12	4	+ 0·3	0·95	25
Montgomery ...	28·867	− ·024	S 19 E	3·8	90·0	81·4	102·9	− 1·0	113	6, 7, 9	83·4	− 0·5	72	1	68	+ 10	3·5	0·18	− 2·04	1	− 2·1	0·11	16
Multan ...	28·994	− ·013	S 11 E	4·0	91·8	80·0	105·0	+ 0·7	117	9	82·9	− 1·6	74	11	57	− 7	3·6	3·85	+ 1·83	5	+ 2·8	1·90	22
Bahawalpur ...	29·034	...	S 15 W	3·4	89·8	81·0	102·7	...	112	6, 7, 9	82·7	...	74	1	66	...	3·2	4·82	...	8	...	1·52	17
Khanpur" ...	29·136	...	S 55 W	6·8	88·1	80·2	104·3	...	113	6	82·6	...	76	1	69	...	3·5	6·17	...	6	...	2·75	14
Kashmir																							
Srinagar ...	24·620	− ·017	S 27 E	2·6	72·6	68·0	89·3	+ 2·0	98	30	66·9	+ 3·0	59	1	80	− 4	4·7	5·50	+ 3·18	9	+ 4·0	1·76	31
Gulmarg ...	21·745	+ ·015	N 30 E	3·1	65·0	60·1	72·5	+ 2·5	77	4 days	53·7	+ 3·0	45	1	77	+ 2	6·0	5·62	+ 1·72	8	− 0·8	1·95	14
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·70	+ 0·03	8	− 1·1	1·00	17
Dras" ...	20·687	+ ·010	S 66 W	5·7	62·0	55·1	77·7	+ 0·2	85	16,28,30	52·3	+ 4·1	39	1	67	+ 7	3·2	0·07	− 0·52	0	− 1·4	0·04	20
Leh ...	19·623	+ ·006	S 63 W	2·7	61·1	51·9	78·9	+ 2·0	88	30	52·3	+ 2·2	38	1, 2	58	+ 4	4·5	0·34	− 0·12	2	+ 0·8	0·14	26
Skardu ...	22·655	+ ·004	N 66 E	5·1	75·0	68·1	94·1	+ 7·3	103	28, 31	65·9	+ 4·2	55	1	70	+ 23	2·2	0·09	− 0·37	0	− 1·0	0·04	19, 22
Gilgit ...	24·730	− ·116	Calm	1·0	80·0	72·4	95·5	− 1·2	104	13	73·6	+ 1·8	65	22	70	+ 23	2·4	0·56	+ 0·08	3	+ 1·4	0·18	20
North-West Frontier Province																							
Peshawar ...	28·286	− ·035	N 4 W	3·3	88·4	78·4	101·9	− 0·3	114	6	81·2	+ 1·4	75	10,20,31	63	+ 17	5·5	3·97	+ 2·73	4	+ 2·0	2·67	31
Miranshah ...	26·622	...	S 35 E	3·6	85·9	73·5	95·3	...	101	4, 9	76·2	...	60	15	54	...	2·1	2·48	...	6	...	0·84	17
Dera Ismail Khan...	28·851	− ·014	N 74 E	2·7	89·4	80·3	101·5	− 1·8	118	9	81·2	− 1·5	70	17	66	− 3	4·2	3·94	+ 1·76	4	+ 1·3	3·00	25
†Baluchistan																							
Fort Sandeman ...	25·128	− ·002	S 23 E	3·1	78·2	68·9	95·8	− 4·3	104	7, 8	75·8	+ 1·1	70	11	61	+ 4	3·2	2·72	+ 0·66	7	+ 3·4	0·94	18
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·78	+ 3·29	11	+ 6·1	2·09	25
Quetta ...	24·424	− ·043	S 24 E	4·5	75·0	65·9	94·0	+ 0·3	101	7	69·3	+ 1·2	63	6, 16, 19	63	+ 10	5·2	2·06	+ 1·43	5	+ 3·7	1·43	16
Chaman ...	25·349	− ·044	S 20 W	3·6	84·7	68·5	97·5	− 3·6	105	7, 8	78·2	+ 3·1	71	27	43	+ 6	3·2	0·16	+ 0·07	0	− 0·2	0·07	14
Kalat ...	23·516	− ·027	S 17 E	5·8	68·7	63·2	88·0	− 4·9	96	9	63·4	+ 7·6	56	4	74	+ 27	4·5	1·95	+ 1·36	5	+ 3·7	0·92	19
Dalbandin ...	26·709	− ·045	N 79 W	3·9	84·0	69·7	105·1	− 4·2	112	8, 25	77·5	+ 1·6	66	2, 3	48	+ 19	2·3	0·75	+ 0·71	3	+ 2·8	0·27	17
Las Bela ...	29·191	...	S 49 E	2·9	84·5	79·5	97·4	...	109	9	79·8	...	74	21	79	...	6·5	8·86	...	9	...	2·89	20
Sind																							
Jacobabad ...	29·190	− ·048	S 27 E	3·1	91·1	80·6	105·4	− 3·3	115	1	84·9	+ 0·1	75	11	62	− 4	2·0	0·75	− 0·14	3	+ 1·7	0·29	13
Sukkur ...	29·209	...	S 21 E	4·6	86·4	80·7	102·9	...	109	9	81·6	...	81	6	78	...	2·7	4·02	...	6	...	1·72	21
Chhor ...	29·389	...	S 17 W	8·3	86·1	80·0	99·2	...	108	8	80·1	...	73	7	76	...	5·8	4·20	...	8	...	1·80	25
Hyderabad ...	29·349	− ·015	S 49 W	10·0	87·9	80·6	99·5	+ 0·3	105	6	82·1	+ 1·0	80	13,21,26	71	+ 3	7·1	1·11	− 1·74	5	+ 2·0	0·40	25
Karachi ...	29·452	− ·045	S 84 W	10·5	84·2	81·2	89·3	+ 0·9	98	12	81·0	+ 0·1	76	25	87	+ 4	7·7	11·44	+ 8·50	10	+ 7·6	5·70	13
Badin ...	29·415	...	S 64 W	8·6	84·9	79·8	95·4	...	104	6, 7, 8	81·2	...	77	9	79	...	7·2	2·83	...	6	...	1·10	9
Rajputana, West																							
Bikaner ...	28·714	+ ·002	S 29 W	5·6	87·2	78·2	99·6	− 1·8	108	5, 6, 7	82·8	− 0·1	76	9	65	0	4·8	4·79	+ 1·69	6	+ 1·3	1·98	9
Jodhpur ...	28·703	− ·034	S 47 W	5·5	84·2	77·6	97·5	0	107	6, 7	80·7	+ 0·4	75	16, 31	74	+ 5	7·6	2·55	− 1·14	6	+ 1·2	0·75	11
Barmer ...	28·818	...	S 36 W	5·3	83·3	78·6	95·8	...	107	6	79·3	...	73	29	81	...	7·1	7·98	...	4	...	3·68	25
Rajputana, East																							
Jaipur ...	28·093	− ·014	N 68 W	2·9	84·5	77·2	93·8	− 0·9	107	6	78·2	− 0·4	72	1	70	− 4	5·0	8·16	+ 0·14	12	+ 1·7	1·86	1
Ajmer ...	27·907	− ·029	S 82 W	4·7	82·6	75·1	93·5	+ 1·7	105	6	78·4	+ 0·2	74	30, 31	70	− 7	7·2	3·49	− 2·97	9	+ 0·2	0·96	16
Kotah ...	28·653	− ·030	N 72 W	3·7	85·5	78·3	95·2	+ 0·5	108	6	79·6	− 0·9	74	19	72	+ 2	7·5	13·16	+ 3·66	14	+ 3·5	3·05	17
Jhalrapatan ...	28·450	...	W	4·0	81·1	76·7	91·9	...	105	5	76·8	...	74	4 days	81	...	7·3	10·56	...	17	...	2·14	23
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·86	+ 2·61	13	+ 3·6	1·57	8
Gujarat																							
Deesa ...	29·040	− ·050	S 39 W	5·7	82·5	77·7	93·7	+ 0·6	109	6	79·2	+ 1·1	75	16, 17	79	− 1	7·8	10·33	+ 1·33	13	+ 2·9	3·88	25
Bhuj ...	29·135	− ·063	S 67 W	7·3	82·5	79·2	90·9	0	101	5, 6	78·8	+ 0·6	74	15	85	+ 5	7·5	8·17	+ 1·74	10	+ 3·8	1·90	8
Dwarka ...	29·471	− ·061	S 68 W	15·2	83·6	79·1	86·4	− 0·5	91	6	81·1	+ 0·4	77	12, 23	81	− 2	8·8	17·83	+ 11·80	11	+ 5·3	4·47	14
Rajkot ...	29·084	− ·057	S 56 W	11·7	80·8	77·5	90·7	− 0·6	102	5	76·5	+ 0·4	67	12	85	+ 3	8·6	17·30	+ 6·40	14	+ 3·5	3·55	16
Veraval ...	29·535	− ·048	S 82 W	13·4	80·2	79·2	84·1	+ 0·3	88	5, 6	79·3	− 0·4	74	25	95	+ 7	9·1	18·55	+ 11·70	16	+ 6·8	2·93	8
Surat ...	29·522	− ·052	S 31 W	6·3	80·6	78·3	86·4	− 1·1	99	5	76·9	− 0·8	73	15, 16	89	+ 4	9·2	32·79	+ 16·09	25	+ 9·3	4·40	13
Bhavnagar ...	29·488	− ·052	S 74 W	5·3	81·8	77·9	89·4	− 3·9	101	6	77·5	− 1·1	73	15, 16	83	+ 4	8·5	12·42	+ 5·70	19	+ 10·2	2·50	16
Ahmadabad ...	29·371	− ·050	S 52 W	5·0	81·9	78·3	90·3	− 2·8	102	5, 6	78·2	− 0·3	73	19	85	+ 4	8·4	20·70	+ 9·47	18	+ 6·1	4·80	16
Dohad ...	28·537	...	S 56 W	7·1	78·4	75·9	86·2	...	99	5, 6	74·9	...	71	16	89	...	8·9	14·32	...	19	...	2·55	16

*Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *a*—Mean of 30 days. *b*—Mean of 29 days. *h*—Mean of 23 days. *k*—Mean of 20 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	27·905	−·042	S 70 W	5·2	78·9	75·3	88·4	+ 0·3	100	4, 5	74·7	+0·2	71	17, 19	85	+ 2	7·4	8·97	+ 0·08	14	+ 3·6	1·73	24
Indore ...	27·727	−·050	N 63 W	6·0	75·6	72·9	83·6	− 1·7	98	4	72·9	+0·1	69	16	88	+ 3	8·5	21·36	+11·49	22	+ 9·4	1·92	15
Bhopal ...	27·962	...	N 83 W	5·3	77·1	74·4	86·1	...	98	4, 5, 6	73·5	...	70	16, 17	89	...	8·7	30·43	...	23	...	6·75	23
Guna ...	27·944	...	S 83 W	4·7	79·2	76·0	89·9	...	104	6	74·7	...	71	9	87	...	7·3	14·76	...	18	...	2·89	21
Central India, East																							
Nowgong ...	28·722	−·041	S 84 W	3·6	84·5	78·9	95·7	+ 5·0	106	5	79·7	+1·0	75	30, 31	77	− 4	7·5	10·44	− 3·03	11	− 2·7	1·90	28
Satna ...	28·420	−·047	S 70 W	4·8	82·9	77·9	92·7	+ 4·2	103	7	78·0	+0·4	73	29	79	− 3	7·0	14·16	+ 0·47	17	+ 2·0	3·49	29
Umaria ...	28·987	...	N 81 W	3·7	79·2	75·7	87·8	...	98	4, 7	75·2	...	71	29	84	...	7·5	22·15	...	22	...	3·98	21
Berar																							
Akola ...	28·625	−·046	N 85 W	7·5	78·4	74·5	87·4	− 2·0	101	3	74·7	+0·1	71	15	83	+ 5	6·1	9·96	+ 0·69	18	+ 6·0	2·90	15
Amraoti ...	28·329	−·058	S 81 W	11·6	76·1	73·4	85·4	− 2·5	98	3	73·9	0	69	15	88	+ 5	8·6	15·22	+ 6·46	17	+ 4·9	2·93	14
Central Provinces, West																							
Khandwa ...	28·494	−·055	S 84 W	7·9	77·9	74·8	87·1	− 1·0	102	4	74·6	−0·9	70	16	87	+ 7	7·7	17·00	+ 8·39	19	+ 8·0	5·42	25
Hoshangabad ...	28·528	−·055	S 56 W	3·1	77·4	75·0	85·6	− 2·2	101	5	75·4	+0·1	71	16	89	+ 3	8·5	30·99	+15·80	23	+ 8·2	4·16	14
Saugor ...	27·690	−·057	N 71 W	5·6	77·0	74·3	86·8	+ 0·7	98	5, 6, 7	72·7	−1·3	69	29	89	+ 5	8·3	36·01	+22·07	25	+ 9·6	5·75	27
Jubbulpore ...	28·167	−·049	S 85 W	3·3	78·3	75·1	86·4	− 0·3	98	3, 7	74·8	−0·2	71	16	87	+ 2	7·9	27·66	+10·04	21	+ 3·8	4·28	26
Seoni ...	27·499	−·057	S 79 W	3·6	76·9	73·7	84·0	− 0·3	95	1	72·1	−0·2	69	17	86	+ 1	8·8	22·70	+ 7·47	21	+ 3·3	2·97	7
Nagpur ...	28·507	−·055	N 82 W	5·6	77·5	73·7	86·3	− 1·8	98	1, 2	74·4	−0·9	70	15	82	0	8·7	21·14	+ 7·30	23	+ 6·8	3·10	14
Central Provinces, East																							
Pendra ...	27·460	−·065	S 41 W	4·2	75·9	73·6	83·6	− 0·1	91	3	71·9	0	68	1	89	+ 5	8·3	31·81	+18·83	25	+ 8·2	4·30	21
Raipur ...	28·519	−·069	S 67 W	5·3	77·4	75·3	86·8	− 0·1	97	2, 6, 7	74·4	−0·6	70	15	91	+ 5	8·8	16·57	+ 2·13	22	+ 6·6	4·55	22
Kanker ...	28·212	...	S 72 W	8·5	77·1	73·8	84·1	...	95	2	74·0	...	71	15,17,31	84	...	8·9	18·75	...	22	...	3·26	13
Chanda ...	28·910	−·059	S 70 W	8·4	78·6	75·6	85·9	− 2·9	98	1, 2, 3	75·1	−0·7	71	14, 15	86	+ 7	7·3	24·65	+ 8·55	20	+ 3·6	5·78	14
Jagdalpur ...	27·720	−·090	S 73 W	9·4	74·9	72·1	81·9	− 2·0	94	10	71·4	−0·6	69	14,15,22	86	+ 2	8·4	20·44	+ 6·89	25	+ 7·6	2·60	8
Konkan																							
Bombay ...	29·581	−·051	S 89 W	8·9	80·4	77·4	85·4	0	90	2, 3, 6	76·8	+0·3	73	15	87	+ 1	9·1	35·30	+11·04	24	+ 2·7	5·07	6
Ratnagiri ...	29·466	−·039	S 59 W	9·4	80·4	77·0	83·3	− 0·6	86	5 days	75·4	−0·6	72	27	85	− 2	6·8	40·30	+ 7·32	27	+ 1·7	7·80	10
Marmagao ...	29·530	−·003	S 70 W	14·7	79·6	76·5	82·7	...	87	3	76·1	...	73	10,15,16	87	...	8·8	31·28	+ 0·05	24	− 1·5	4·55	9
Karwar ...	29·677	−·035	S 52 W	4·7	79·0	76·3	83·1	+ 0·1	87	2, 3	75·1	−0·1	72	5 days	89	+ 2	7·2	42·93	+ 4·87	29	+ 2·0	5·95	10
Bombay Deccan																							
Malegaon ...	28·153	−·043	S 67 W	5·8	77·6	73·0	86·3	− 2·0	97	3, 4	72·5	−1·0	68	15	80	+ 4	9·6	6·02	+ 1·22	12	+ 4·2	1·54	5
Ahmadnagar ...	27·478	−·048	S 64 W	6·9	74·8	71·1	83·6	− 2·0	94	3	70·8	+0·3	67	15	84	+ 5	8·7	4·56	+ 0·78	11	+ 4·3	0·98	5
Poona ...	27·802	−·041	S 86 W	9·0	75·2	71·3	81·4	− 1·4	92	3	71·5	−0·4	68	15	82	+ 2	9·6	7·93	+ 0·97	20	+ 7·7	1·50	14
Sholapur ...	28·070	−·037	S 64 W	6·3	75·8	72·2	85·9	− 2·1	97	1, 2, 3	71·8	−0·2	69	15	84	+ 9	6·0	5·02	+ 0·70	12	+ 4·3	1·68	3
Miraj ...	27·863	...	S 84 W	10·2[b]	74·1	71·4	81·3	...	95	3	70·8	...	68	15	88	...	9·0	6·73	...	12	...	1·54	14
Bijapur ...	27·716	−·038	S 72 W	8·2	74·6	71·2	83·6	− 3·2	96	3	71·9[h]	+1·1	69	15	84	+ 5	7·6	5·14	+ 2·88	10	+ 5·5	2·50	3
Belgaum ...	27·152	−·032	S 66 W	4·9	70·4	69·0	77·0	+ 0·9	88	3	67·9	+0·7	65	15	92	− 1	8·9	25·31	+ 9·16	23	+ 1·4	2·43	12
Gadag ...	27·570	...	W	10·6	73·7	70·4	82·6	...	93	3	70·0	...	68	11, 15	84	...	7·6	5·80	...	8	...	2·14	4
Hyderabad, North																							
Aurangabad ...	27·721	−·045	S 84 W	10·7	74·2	71·5	83·9	− 2·8	96	3	70·8	+0·1	66	15, 16	88	+ 7	9·6	8·56	+ 2·08	18	+ 7·0	1·77	15
*Parbhani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·39	+ 2·62	17	+ 6·6	1·81	24
Nizamabad ...	28·349	−·043	S 41 W	2·7	76·4	72·8	86·2	− 2·5	98	2, 6	73·3	−0·6	70	17	84	+ 5	6·5	13·51	+ 3·03	21	+ 7·0	1·87	22
Hyderabad, South																							
Gulbarga ...	28·146	−·032	S 63 W	11·9	76·0	71·7	87·5	− 2·1	97	1	72·5	+0·6	69	3	80	0	8·0	4·49	− 1·69	8	− 2·0	2·60	3
Raichur ...	28·369	−·014	S 51 W	13·6	78·0	72·6	90·2	− 0·1	99	8	72·9	−0·2	70	3, 15	76	0	6·4	2·46	− 2·62	8	− 1·3	0·85	3
Hyderabad ...	27·923	−·026	N 89 W	7·7	75·9	71·8	85·8	− 1·8	97	3	71·6	−1·7	70	10 days	82	+ 3	8·7	6·60	+ 0·11	15	+ 4·6	1·26	8
Hanamkonda ...	28·720	−·035	S 74 W	6·9	78·5	73·5	87·6	− 0·7	100	3	75·7	0	72	18	78	+ 8	8·3	8·22	− 0·77	13	+ 0·7	1·54	12
Mysore																							
Chitaldrug ...	27·321	−·029	S 66 W	9·4	72·9	69·5	83·0	+ 0·6	94	3	69·6	+1·0	68	4 days	83	0	9·6	3·95	+ 0·84	11	+ 2·6	1·04	9
Bangalore ...	26·753	−·031	S 72 W	9·8	70·5	67·3	81·7	− 0·5	87	1, 3	66·9	+0·9	65	4 days	85	+ 1	9·7	4·18	0	8	− 0·4	1·23	8
Mysore ...	27·254	−·033	S 60 W	6·8	71·7	68·5	81·0	− 1·4	90	2	67·5	+0·4	66	20,28,30	85	+ 4	7·4	3·15	+ 0·52	12	+ 5·4	0·55	10
Malabar																							
Mangalore ...	29·682	−·037	S 54 W	6·9	79·5	76·7	84·2	+ 0·2	87	1	75·7	+1·6	73	4 days	87	− 2	8·3	21·67	−15·44	27	− 0·2	3·54	9
Calicut ...	29·767	−·014	N 87 W	4·9	76·7	75·5	81·5	− 0·6	87	1, 31	74·3	+0·2	73	10 days	95	+ 3	9·4	30·99	+ 0·75	31	+ 4·8	3·91	5
Cochin ...	29·797	−·022	S 52 W	5·1	78·5	76·1	82·9	− 1·0	85	4 days	74·9	+0·7	72	7	89	+ 2	7·9	20·61	− 2·23	24	0	2·30	5
Trivandrum ...	29·583	−·034	N 34 W	6·8	78·0	75·5	83·1	+ 0·9	85	5 days	75·4	+0·6	73	10, 12	88	+ 1	8·1	6·63	− 0·78	17	+ 3·2	0·98	3

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *h*—Mean of 23 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·38	0	− 0·6	0	...
Pamban ...	29·709	− ·008	S 22 W	13·5	83·4	77·8	89·6	+ 0·2	91	10 days	78·1	− 1·1	76	4, 5, 26	77	0	4·1	0	− 0·57	0	− 0·7	0	...
Madura ...	29·254	− ·030	N 71 W	8·5	83·5	71·8	95·0	− 1·7	102	29	79·0	+ 2·3	75	2	55	− 9	7·3	0·51	− 1·41	2	− 0·6	0·40	2
Negapatam ...	29·688	− ·017	S 84 W	5·9	83·5	74·4	95·7	− 0·2	99	20,21,24	79·5	+ 1·0	72	1	64	− 5	7·3	1·06	− 0·83	1	− 2·3	1·06	1
Trichinopoly ...	29·458	− ·034	S 63 W	9·5	83·2	73·6	94·8	− 2·5	99	1,29,30	78·6	+ 0·7	74	1	62	0	6·4	0·55	− 1·06	2	− 0·4	0·30	1
Coimbatore ...	28·389	− ·032	S 43 W	7·7	76·9	71·3	84·8	− 2·7	89	1	71·8	+ 0·9	70	6 days	76	− 5	8·9	1·51	+ 0·05	4	− 0·3	0·36	9
Salem ...	28·800	− ·033	S 31 W	6·2	77·4	72·7	92·2	− 1·0	96	27, 29	74·1	+ 0·7	72	1	80	+ 2	7·5	1·91	− 1·91	4	− 3·2	1·01	1
Cuddalore ...	29·663	− ·021	S 71 W	6·8	84·8	76·4	96·8	+ 1·1	103	24	79·6	+ 1·3	74	1	66	− 7	7·2	0·29	− 2·82	1	− 4·5	0·19	17
Vellore ...	28·970	− ·041	S 82 W	5·9	81·3	73·3	91·4	− 2·9	97	3, 29	77·3	+ 0·2	71	1	67	− 2	7·4	2·14	− 3·17	4	− 2·9	1·33	1
Madras ...	29·649	− ·035	S 54 W	6·8	84·2	75·3	96·0	+ 0·7	100	21, 24	79·9	+ 1·4	76	4, 8, 10	64	− 6	7·9	0·84	− 3·10	3	− 4·0	0·17	12
Madras, Deccan																							
Cuddapah ...	29·250	− ·028	N 68 W	7·5	83·4	75·0	94·5	− 1·4	99	29	78·3	+ 0·3	73	3	66	− 1	7·6	1·84	− 2·08	6	− 0·7	0·54	3
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·85	− 2·53	2	− 2·3	0·47	1
Bellary ...	28·208	− ·035	S 79 W	9·1	78·8	71·6	88·3	− 2·9	95	1, 3	75·4	+ 0·5	72	10, 11	70	+ 4	6·4	0·67	− 1·18	5	− 0·9	0·21	28
Kurnool ...	28·742	− ·027	S 75 W	12·6	79·3	72·6	90·5	− 1·3	97	3	74·9	− 0·1	72	19	72	− 3	7·5	3·46	− 1·34	11	+ 1·5	1·27	3
Madras Coast, North																							
Nellore ...	29·581	− ·031	S 77 W	5·8	84·2	75·7	96·6	− 0·5	102	1, 29	80·0	+ 0·2	76	8, 9, 10	66	0	7·6	2·41	− 0·31	2	− 3·5	1·68	8
Masulipatam ...	29·596	− ·047	N 89 W	8·3	81·3	77·3	90·4	− 2·3	99	1	77·0	− 1·2	73	18	83	+ 3	6·8	7·45	+ 1·01	13	+ 3·0	1·28	3
Cocanada ...	29·558	− ·049	S 76 W	8·4	80·7	76·5	88·6	− 2·2	99	3	76·9	− 1·9	74	17, 18, 2[illegible]	83	+ 2	8·4	9·25	+ 3·42	18	+ 7·7	1·89	9
Vizagapatam ...	29·409	− ·056	S 86 W	7·1	80·6	77·5	87·6	− 1·1	93	29	73·5	− 0·1	75	3	87	+ 9	8·5	5·84	+ 1·35	8	− 0·4	2·09	3
Calingapatam ...	29·496	− ·067	S 75 W	9·9	82·6	78·4	89·0	− 1·1	94	7	78·7	− 0·2	75	10, 18	83	0	7·7	5·32	− 0·53	7	− 1·9	3·39	10
Gopalpur ...	29·436	− ·061	S 39 W	9·0	82·1	78·9	87·4	− 0·3	91	7 days	78·9	− 0·3	75	15	87	+ 3	7·6	4·86	− 2·62	9	− 0·6	1·76	10
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·218	− ·015	S 41 W	3·1	71·3	68·7	77·8	− 7·7	83	1	67·2	+ 8·2	65	14, 16	88	0	6·5	10·45	+ 4·17	15	+ 3·3	2·62	25
Haka ...	23·916	...	S 79 E	5·3	63·1	62·0	68·4	...	75	6	60·1	...	57	16	95	...	8·8	25·02	...	24	...	2·70	11
Kanpetlet ...	23·762	...	S 30 E	...	64·8	62·6	68·9	...	79	1	60·2	...	58	13, 16	90	...	7·2	23·67	...	27	...	2·63	19
Shillong ...	24·901	− ·029	N 82 E	1·9	69·5	66·0	75·7	+ 0·4	83	25	64·0	− 0·3	61	4 days	82	− 3	8·8	13·42	− 1·66	18	− 1·2	4·57	6
Cherrapunji ...	25·456	− ·023	S 70 E	6·0	68·4	66·7	73·6	+ 0·8	81	25	65·0	0	62	1	92	− 4	9·1	67·20	− 31·91	27	+ 0·1	14·65	6
Darjiling ...	22·772	− ·036	S 80 E	3·4	61·8	61·0	66·9	+ 0·1	74	25	58·0	0	56	4 days	95	− 1	8·6	19·89	− 12·42	22	− 3·4	3·00	16
Kalimpong ...	25·738	...	S 72 E	5·5	70·9	69·3	75·9	...	83	25	66·7	...	64	1	93	...	7·3	15·77	...	16	...	3·23	6
Mukteswar ...	22·677	− ·004	S 68 W	4·5	62·3	60·3	69·7	− 0·4	75	4 days	59·3	+ 1·4	54	1	89	− 2	7·6	7·39	− 5·01	19	+ 1·3	1·16	13
Mussooree ...	23·201	+ ·031	S 5 W	4·4	64·4	63·0	69·6	− 1·6	75	4, 25	61·2	+ 0·5	57	11	92	0	8·1	36·00	...	21	...	5·22	27
Simla ...	22·937	− ·006	S 11 E	2·1	64·6	61·7	71·0	− 0·3	77	26	59·8	+ 0·9	50	2	85	+ 4	7·1	9·51	− 7·37	17	− 2·5	1·63	12
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·98	...	14	...	2·93	15
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25·01	...	21	...	3·52	27
Murree [a] ...	23·072	...	S 28 E	3·3	68·3	63·1	74·4	− 2·4	85	6, 7	62·5	+ 0·1	56	1	76	0	6·8	13·85	+ 2·01	13	+ 0·5	3·04	16
Cherat ...	25·443	− ·012	S 39 E	6·7	76·2	72·2	88·0	− 1·4	102	7, 8	72·1	+ 0·7	65	14	82	+ 15	6·0	4·75	+ 1·28	6	+ 1·1	1·93	20
Parachinar ...	24·236	− ·001	S 37 E	4·9	77·6	67·0	87·7	+ 0·6	98	8	68·1	+ 1·8	62	20, 21	58	+ 1	4·7	7·95	+ 4·57	10	+ 3·5	3·46	20
Drosh ...	...	...	S 45 E	5·1	80·8	68·5	100·0	+ 3·4	107	30, 31	76·1	+ 3·2	66	24	58	+ 4	2·7	0·05	− 0·52	0	− 1·5	0·05	21
Mount Abu ...	25·737	− ·030	S 49 W	5·9	69·9	68·1	76·3	+ 0·9	86	6	67·1	+ 1·1	64	17, 28	90	− 3	8·8	25·86	+ 4·79	24	+ 7·1	3·79	17
Pachmarhi ...	26·128	− ·045	N 75 W	4·7	70·9	68·8	76·3	− 0·4	88	3	67·5	− 0·7	63	18	90	− 1	9·4	46·95	+ 23·29	25	+ 3·9	12·45	18
Mahableshwar ...	25·331	...	W	...	64·4	64·2	66·2	...	75	3	62·5	...	60	11, 15, 16	100	...	9·9	97·18	...	29	...	10·34	14
Mercara ...	26·061	− ·029	W	12·2	64·8	64·5	68·8	− 0·1	77	3	63·3	+ 1·3	61	7	97	+ 1	9·6	46·89	+ 5·96	29	+ 0·7	5·42	10
Kodaikanal ...	22·693	− ·010	N 69 W	9·4	56·5	53·5	62·3	− 0·4	66	6, 28	52·4	+ 1·1	50	31	83	+ 4	7·9	5·46	+ 0·44	6	− 5·1	1·30	2
Coonoor ...	24·342	...	N 78 W	5·2	64·8	59·1	70·0	...	73	23,28,31	59·4	...	55	29, 30	73	...	8·5	2·04	...	9	...	0·43	2
Ceylon																							
Colombo ...	29·787	− ·017	S 67 W	5·4	79·8	76·3	85·2	− 0·4	87	12	76·9	− 0·1	71	10	84	− 1	7·3	1·56	− 3·59	5	− 3·2	0·67	23
Trincomalee ...	29·617	− ·008	S 67 W	11·5	80·0	74·3	92·4	+ 0·4	96	28	78·0	+ 0·6	75	1, 2	76	− 4	5·1	0·83	− 1·08	2	− 0·4	0·70	1
Hambantota ...	29·699	− ·033	S 86 W	15·4	79·7	75·6	88·3	+ 1·0	95	13	76·7	+ 0·3	74	4	82	− 7	4·8	0·32	− 2·12	1	− 4·3	0·24	4
Nuwara Eliya [a] ...	24·008	...	...	...	57·1	55·5	65·0	...	71	27,28,29	54·4	...	46	29	91	...	8·2	8·93	...	15	...	1·36	23
Arabia																							
†Aden ...	29·539	− ·012	S 9 W	14·4	84·2	78·1	93·2	− 0·3	99	10, 14	...	...	...	...	75	+ 3	3·8	0	− 0·03	0	0	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *a*—Mean of 30 days. *c*—Mean of 28 days. *f*—Mean of 25 days. *i*—Mean of 22 days. *j*—Mean of 21 days.

Y. P. P.—S 315—460—17-8-32

MONTHLY WEATHER REPORT

FOR

August 1932

LIBRARY OCT 17 1932 WEATHER BUREAU

(Supplement to the Indian Daily Weather Report for the 22nd September 1932)

Published by order of the Governor-General in Council

Summary.—A break in the monsoon set in in the Peninsula and Burma after the 10th and generally over the rest of the country a week later but thunderstorms during the last 20 days of the month brought the rainfall in the interior of the Peninsula up to the normal for that period.

1. Both branches of the monsoon were active over the country during the first 10 days of the month, there being excess of rainfall particularly in Rajputana and the hills of northwest India. This activity of the monsoon was associated with the seasonal trough of low pressure over the Gangetic plain and the passage inland of unsettled conditions from the head of the Bay of Bengal across the Orissa coast on the 8th. Thereafter a break in the monsoon set in, its activity during the next week being confined to northern India from Assam to the east Punjab and between the 18th and 24th only to Assam, Bengal and the Punjab Kumaon hills. A revival of the monsoon in Malabar and Burma was noticeable on the 28th and by the end of the month it was again established in those areas.

2. During the break in the monsoon, thunderstorms were active in the interior of the Peninsula and caused normal amount of rainfall for the period.

3. Weather was disturbed over northwest India on the 25th and 26th and fairly widespread dust and thunderstorms occurred in the North-West Frontier Province, the Punjab and Kashmir on the former date and local thunderstorm rain in and near the Punjab Kumaon hills on the latter date.

4. The month's rainfall was in moderate to large excess in the North-West Frontier Province, Baluchistan, Sind, west Rajputana, the Bombay Deccan, Mysore and the Madras Deccan, and normal in Upper Burma, Assam, Bengal, the United Provinces, the southwest Punjab, Kashmir, east Rajputana, the east Central Provinces, Hyderabad, Malabar and southeast Madras; it was in slight to moderate defect in Lower Burma, Bihar and Orissa, the east and north Punjab, east Central India, Berar, the west Central Provinces, the Konkan and the north Madras coast and in large defect in the Bay Islands, Gujarat and west Central India. Averaged over the plains of India, the total rainfall for the month was in defect by 17 per cent.

5. Maximum temperature was above normal in the Deccan from the 23rd to 26th and in Bihar, the east United Provinces and Central India on the last five days of the month. The mean monthly maximum temperature was above normal in east Central India and Mysore and below it in Kashmir, Baluchistan, Sind and west Rajputana and the minimum was also below normal in last sub-division.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was normal in Upper Burma and in moderate to large defect in the Bay Islands and Lower Burma. Other climatic elements were normal.

Northeast India, including Orissa.—Rainfall during the month was normal in Assam and Bengal and in slight to moderate defect in Bihar and Orissa. Other climatic elements were normal.

The United Provinces, Central India and the Central Provinces.—The total rainfall of the month was normal in the United Provinces, in slight defect in Berar and the east Central Provinces, in moderate defect in east Central India and the west Central Provinces and in large defect in west Central India. Humidity was in defect in west Central India and maximum temperature above normal in east Central India.

Northwest India.—Rainfall during the month was in moderate to large excess in the North-West Frontier Province, Baluchistan, Sind and west Rajputana, normal in the southwest Punjab,

Kashmir and east Rajputana and in moderate to large defect elsewhere. Cloud amount was above normal in the North-West Frontier Province and Sind. Humidity was in excess in Kashmir, the North-West Frontier Province, Baluchistan and west Rajputana. Maximum temperature was below normal in Kashmir, Baluchistan, Sind and west Rajputana and the minimum in the last division.

The Peninsula.—The total rainfall of the month was in moderate to large excess in the Bombay Deccan, Mysore and the Madras Deccan, normal in Hyderabad, Malabar and southeast Madras, in moderate defect in the Konkan and the north Madras coast. Cloud amount was above normal in southeast Madras and maximum temperature above normal in Mysore.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 9th September 1932.

C. W. B. NORMAND,
Director-General of Observatories.

Table I—Divisional and Sub-divisional Means—August 1932

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	15·15	22·56	−7·41	− 33	+0·3	+ 0·7	− 3	−0·3
2. Assam ...	14·15	15·10	−0·95	− 6	−0·3	− 0·1	+ 1	+0·9
3. Bengal ...	14·84	14·71	+0·13	+ 1	+0·3	+ 0·2	0	+0·3
4. Bihar and Orissa ...	8·98	12·99	−4·01	− 31	+0·7	+ 0·1	− 2	+0·3
5. United Provinces ...	13·02	12·51	+0·51	+ 4	+0·4	− 0·2	− 4	−0·2
6. Punjab ...	4·17	4·95	−0·78	− 16	−1·5	− 0·8	− 2	−0·1
7. North-West Frontier Province.	2·99	2·09	+0·90	+ 43	−1·9	− 0·7	+ 5	+0·7
8. Sind ...	2·60	1·59	+1·01	+ 64	−2·8	− 0·3	+ 2	+0·9
Division—*contd.*								
9. Rajputana ...	7·86	6·39	+1·47	+ 23	−3·0	− 1·8	+ 2	+0·2
10. Bombay ...	4·98	7·45	−2·47	− 33	+0·7	+ 0·3	0	−0·4
11. Central India ...	6·99	10·77	−3·78	− 35	+1·4	− 0·5	− 5	−1·3
12. Central Provinces ...	8·53	12·20	−3·67	− 30	+1·6	+ 0·5	− 2	−1·2
13. Hyderabad ...	6·71	6·32	+0·39	+ 6	+1·7	+ 0·5	+ 1	−0·9
14. Mysore ...	7·99	3·87	+4·12	+106	+2·1	+ 1·6	+ 1	−0·7
15. Madras ...	6·02	6·00	+0·02	0	−0·7	+ 0·5	+ 2	+0·1
Mean of India ...	8·91	10·80	−1·89	− 17	−0·1	0	− 1	−0·2
Sub-division								
1. Bay Islands ...	2·87	14·69	−11·82	− 80	+1·2	+ 1·3	− 5	−0·6
2. Lower Burma ...	19·58	31·87	−12·29	− 39	+1·3	+ 0·8	− 4	−0·6
3. Upper Burma ...	8·82	9·25	−0·43	− 5	−0·8	+ 0·5	− 1	0
4. Assam ...	14·15	15·10	−0·95	− 6	−0·3	− 0·1	+ 1	+0·9
5. Bengal ...	14·84	14·71	+0·13	+ 1	+0·3	+ 0·2	0	+0·3
6. Orissa ...	7·67	13·46	−5·79	− 43	+0·2	+ 0·2	+ 1	+1·2
7. Chota Nagpur ...	10·87	12·73	−1·86	− 15	+0·3	− 0·1	− 4	−0·3
8. Bihar ...	8·89	12·87	−3·98	− 31	+1·5	0	− 4	−0·2
9. United Provinces, East	12·27	12·13	+0·14	+ 1	+0·4	+ 0·1	− 4	−0·3
10. Do. do. West.	13·65	12·84	+0·81	+ 6	+0·4	− 0·5	− 4	−0·1
11. Punjab, East and North	5·18	7·01	−1·83	− 26	−1·3	− 0·8	− 2	−0·2
12. Do. Southwest ...	2·74	2·55	+0·19	+ 7	−1·8	− 0·9	− 3	+0·2
13. Kashmir ...	1·89	1·80	+0·09	+ 5	−2·2	− 0·2	+10	0
14. North-West Frontier Province.	2·99	2·09	+0·90	+ 43	−1·9	− 0·7	+ 5	+0·7
15. Baluchistan ...	1·88	1·00	+0·88	+ 88	−2·1	+ 0·2	+ 7	−0·1
16. Sind ...	2·60	1·59	+1·01	+ 64	−2·8	− 0·3	+ 2	+0·9
17. Rajputana, West ...	8·47	3·93	+4·54	+116	−4·7	− 2·0	+ 7	+0·2
Sub-division—*contd.*								
18. Rajputana, East ...	7·56	7·61	−0·05	− 1	−1·8	− 1·6	− 1	+0·2
19. Gujarat ...	2·31	5·67	−3·36	− 59	−0·1	− 0·1	− 1	−0·1
20. Central India, West ...	4·23	8·42	−4·19	− 50	+0·8	− 0·5	− 5	−1·6
21. Do. do. East ...	9·75	13·13	−3·38	− 26	+2·0	− 0·5	− 4	−1·0
22. Berar ...	5·77	6·51	−0·74	− 11	+1·3	+ 0·9	− 1	−1·5
23. Central Provinces, West.	6·77	12·80	−6·03	− 47	+1·8	+ 0·3	− 4	−1·3
24. Do. do. East.	12·56	14·14	−1·58	− 11	+1·3	+ 0·4	+ 1	−1·1
25. Konkan ...	9·69	18·31	−8·62	− 47	+1·0	+ 0·7	+ 1	−1·4
26. Bombay Deccan ...	6·20	4·39	+1·81	+ 41	+1·7	+ 0·7	+ 1	+0·1
27. Hyderabad, North ...	7·20	6·80	+0·40	+ 6	+1·1	+ 0·9	+ 1	−0·7
28. Do. South ...	6·34	5·97	+0·37	+ 6	+1·9	+ 0·3	+ 2	−1·0
29. Mysore ...	7·99	3·87	+4·12	+106	+2·1	+ 1·6	+ 1	−0·7
30. Malabar ...	14·46	13·77	+0·69	+ 5	+0·5	+ 0·9	− 1	−0·3
31. Madras, Southeast ...	4·00	3·68	+0·32	+ 9	−1·6	+ 0·5	+ 2	+1·1
32. Do. Deccan ...	6·03	3·83	+2·20	+ 57	+0·5	+ 0·7	+ 2	−1·2
33. Do. Coast, North...	3·74	6·12	−2·38	− 39	−0·8	+ 0·1	+ 2	−0·7

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·730	+·014	S 65 W	5·0	80·8	76·3	87·4	+ 1·2	91	5 days	78·5	+1·3	76	4	84	− 5	7·6	2·87	−11·82	6	−13·3	0·78	2
Lower Burma																							
Victoria Point ...	29·692	+·014	S 63 E	4·7	81·3	76·9	85·4	+ 2·0	88	24, 26	76·5	+1·6	74	3, 27, 29	80	− 8	6·8	7·77	−18·41	10	−12·5	3·30	29
Mergui ...	29·755	+·010	S 28 E	...	79·0	77·1	86·3	+ 2·0	90	21, 22	74·4	+1·4	71	4	91	− 3	3·7	7·04	−22·17	14	−11·4	1·83	15
Tavoy ...	29·807	+·019	S 37 E	2·5	78·0	75·5	85·9	+ 3·0	91	22,25,26	73·7	−0·5	71	6, 7	88	− 5	7·8	22·11	−25·22	22	− 5·3	2·77	7
Amherst ...	29·733	...	S 29 W	6·6[a]	79·3	76·8	83·9	...	89	22,25,26	75·4	...	72	2	89	...	8·6	24·08	...	20	...	4·53	2
Rangoon ...	29·763	+·029	S 23 W	3·0	80·2	77·7	86·9	+ 1·9	93	26, 27	76·8	+1·0	73	1	89	− 4	8·4	11·25	− 8·62	17	− 7·1	2·15	1
Bassein ...	29·752	+·039	S 42 W	3·1	80·9	77·9	88·4	+ 3·5	93	23	76·3	+0·3	74	6, 7	87	− 6	7·7	13·34	− 9·73	15	− 9·7	3·32	8
Diamond Island[a] ...	29·721	+·024	S 48 W	5·9	82·0	78·4	85·1	+ 0·7	88	6 days	78·5	+2·3	74	8	85	− 2	7·6	14·67	− 8·24	14	− 7·5	5·94	8
Gwa ...	29·751	...	S 16 E	3·6	80·0	77·7	84·7	...	90	25, 26	75·8	...	73	12	89	...	7·8	33·22	−10·41	21	− 6·2	5·94	8
Toungoo ...	29·615	+·038	S 37 E	...	78·8	76·3	86·7	− 0·1	93	26	75·7	+0·9	72	8	89	− 3	9·0	12·26	− 6·86	16	− 8·3	1·60	14
Kyaukpyu ...	29·718	+·055	S 36 E	3·9	79·5	77·7	84·4	− 0·1	87	6 days	76·5	+0·5	74	28	91	− 1	8·4	38·14	− 4·18	25	− 2·3	3·97	7
Akyab ...	29·710	+·050	S 41 E	7·7	79·3	77·4	83·1	− 1·5	88	26	76·3	−0·6	74	12, 13	91	− 3	8·7	35·97	− 9·22	26	− 0·8	5·73	12
Upper Burma																							
Minbu ...	29·534	+·012	S 40 E	4·7	81·7	76·9	91·8	+ 1·7	98	26, 27	77·5	+0·4	75	8	79	− 6	3·9	1·33	− 3·94	4	− 6·5	0·42	21
Yamethin ...	29·089	+·028	S 2 E	6·8	78·4	75·4	87·6	− 1·4	95	26	74·3	−0·3	71	1, 8, 28	86	− 1	7·5	4·59	− 1·32	9	− 2·0	1·00	5
Mandalay ...	29·451	+·008	S 14 E	5·7	81·5	77·6	91·8	− 1·4	99	26	78·6	+0·7	75	16	83	+ 4	7·6	6·93	+ 2·34	8	+ 0·1	2·68	16
Monywa ...	29·422	+·011	S 36 E	2·9	82·4	77·3	94·7	+ 1·8	100	4 days	79·4	+0·8	75	8	79	− 4	7·5	0·94	− 3·61	2	− 4·2	0·64	16
Lashio ...	26·952	+·021	S 24 W	3·6	72·4	70·2	80·0	− 2·5	86	26	69·8	+0·2	69	15 days	90	0	9·0	10·72	− 1·98	20	+ 1·0	1·45	5
Bhamo ...	29·299	+·012	S 45 W	1·9	78·1	76·8	85·6	− 2·5	92	22, 25	76·3[a]	+1·3	75	7 days	93	0	9·6	15·62	+ 0·24	20	+ 0·6	3·49	5
Myitkyina ...	29·211	+·022	S 24 E	2·5	78·1	76·5	85·7	− 1·6	92	8, 17	76·0	+0·6	75	11 days	93	+ 2	9·9	21·60	+ 5·23	20	+ 0·5	3·19	18
Assam																							
Dibrugarh ...	29·312	+·012	N 63 E	2·7	77·9	76·7	87·3	+ 0·4	93	8	75·9	+0·1	72	25, 26	95	+ 2	6·8	21·58	+ 3·39	26	+ 6·9	3·76	22
Sibsagar ...	29·341	+·015	S 9 E	3·8	79·9	78·2	89·3	+ 0·7	94	8	77·0	−0·6	75	4 days	93	0	9·9	15·80	− 0·47	19	+ 0·8	2·94	6
Tezpur ...	29·411	+·025	S 45 E	1·3	80·6	78·5	89·5	+ 0·5	93	4 days	77·5	−0·2	75	7, 26	91	− 1	9·3	10·65	− 3·71	18	+ 1·7	2·01	6
Gauhati ...	29·452	+·003	S 83 E	2·3	81·7	79·1	90·0	− 0·1	94	21	78·7	+0·9	76	24, 25	89	+ 2	8·0	3·96	− 6·40	8	− 5·4	1·36	24
Dhubri ...	29·522	+·013	E	4·2	80·4	78·5	85·7	− 0·4	89	3, 5	77·5	−1·0	75	5 days	91	+ 1	7·0	15·14	+ 1·60	16	+ 1·5	3·52	23
Silchar ...	29·609	+·049	N 86 E	1·8	79·8	78·0	88·1	− 1·5	93	7	76·4	−0·4	74	28	91	0	9·3	22·52	+ 2·77	26	+ 3·9	3·08	6
Srimangal ...	29·617	+·048	S 74 E	...	80·0	78·1	88·7	− 1·6	93	23	76·7	+0·7	75	1, 9, 17	91	+ 2	8·3	9·37	− 3·87	21	+ 0·4	1·12	22
Bengal																							
Cox's Bazar ...	29·678	+·072	S 21 E	2·9	79·0	77·5	83·9	− 1·2	87	1, 23, 24	76·6	+0·6	74	12	93	+ 3	9·3	36·08	+ 7·53	27	+ 5·0	5·70	12
Chittagong ...	29·613	+·051	S 13 E	8·8	79·0	76·6	85·0	− 0·9	88	22,26,31	76·5	+0·2	75	5 days	89	0	8·6	25·39	+ 6·09	22	+ 5·6	2·94	20
Noakhali ...	29·643	+·028	S 2 E	6·5	80·7	78·6	85·7	+ 0·1	89	23	78·3	+0·9	76	4 days	91	+ 1	8·1	15·47	−10·74	22	− 1·4	3·34	5
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·30	− 6·43	14	− 3·9	1·30	12
Narayanganj ...	29·626	+·032	S 2 W	4·9	82·3	79·3	88·5	+ 0·8	93	28	79·2	+0·3	76	25	87	− 2	8·5	9·44	− 3·30	15	− 2·6	2·35	25
Mymensingh ...	29·600	+·034	S 58 E	1·0	81·0	78·8	87·1	− 0·3	90	11,19,28	77·9	−0·4	75	20, 28	91	+ 1	9·5	14·18	− 1·46	20	+ 0·9	4·24	23
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·23	− 2·19	20	+ 2·6	2·03	13
Barisal ...	29·649	+·052	S 23 W	3·9	81·6	79·2	87·2	+ 0·3	91	25,26,31	77·8	−0·4	75	12,13,20	89	0	7·7	20·32	+ 6·70	24	+ 3·9	4·21	4
Khulna ...	29·641	+·046	S 14 W	4·5	82·6	79·8	88·6	+ 1·1	93	25, 26	78·7	+0·7	75	12	87	+ 2	9·2	12·82	+ 1·36	17	− 4·1	2·93	12
Jessore ...	29·619	+·050	S 7 W	4·6	82·9	80·5	88·8	...	93	31	77·8	...	75	1	89	0	6·5	9·95	− 1·00	19	+ 2·2	3·66	12
Satkhira ...	29·625	+·025	S 54 W	3·3	82·5	80·3	88·6	+ 0·5	93	26,27,31	78·4	+0·3	76	1, 13	91	+ 2	7·6	7·08	− 3·57	20	− 1·4	0·86	8
Calcutta ...	29·617	+·054	S 16 W	3·1	81·7	79·5	88·4	+ 0·6	93	25, 26	79·0	+0·5	76	1	91	+ 2	8·1	8·83	− 3·86	18	− 0·3	1·36	13
Saugor Island ...	29·624	+·057	S 37 W	13·5	82·9	79·5	85·5	− 1·8	88	26, 27	80·9	+1·2	76	21	85	− 4	8·7	7·91	− 6·27	10	− 6·5	2·74	21
Sandheads ...	29·621	+·061	S 51 W	...	82·7	79·5	...	...	...	...	...	...	...	...	87	0	7·2	8·80	− 0·14	12	+ 0·3	3·04	8
Midnapore ...	29·487	+·060	S 3 E	2·8	82·3	79·7	89·1	− 0·3	95	20, 31	78·6	+0·3	77	6 days	89	+ 2	7·3	11·66	− 0·56	18	+ 1·6	1·41	25
Burdwan ...	29·522	+·036	S 3 E	3·0	82·0	79·6	89·8	+ 0·6	95	27, 31	78·3	−0·7	75	29	89	+ 1	5·6	14·24	+ 2·98	20	+ 4·3	4·40	3
Krishnagar ...	29·561	...	S 8 W	4·0	82·7	79·7	90·0	...	96	31	77·7	...	74	13	87	...	8·6	9·40	− 0·77	14	− 0·9	2·51	13
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·61	− 1·86	18	+ 2·2	1·16	15
Asansol ...	29·195	+·035	S 15 W	4·2	81·9	79·0	90·3	+ 1·8	99	31	78·1	+0·5	74	14, 17	87	− 3	6·7	12·62	+ 0·56	15	− 0·5	3·00	17
Berhampore ...	29·571	+·047	S 13 E	3·5	83·3	80·5	91·2	+ 2·5	97	27,29,31	78·7	−0·1	75	17	87	− 2	7·3	18·88	+ 6·93	16	− 0·6	3·28	12
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·57	− 4·75	11	− 3·6	2·38	22
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·56	+ 0·06	16	+ 0·6	3·47	23
Bogra ...	29·576	+·031	S 9 E	3·0	82·2	79·7	89·3	+ 0·8	93	28, 31	78·2	−0·3	75	9	89	0	8·3	19·98	+ 6·69	18	+ 1·2	7·83	13
Malda ...	29·516	...	S 20 E	4·5	82·4	79·7	90·3	...	97	31	78·5	...	76	16	89	...	7·5	8·90	− 2·62	14	− 0·8	1·80	21
Dinajpur ...	29·500	+·021	S 63 E	2·1	81·9	79·2	89·4	+ 0·5	93	25,30,31	78·4	−0·2	77	8 days	89	− 1	8·3	14·88	+ 1·53	17	+ 1·4	4·57	15
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·77	− 1·86	17	+ 2·9	2·15	27
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	31·74	+ 6·59	21	+ 2·8	7·05	23
Jalpaiguri ...	29·373	+·024	S 81 E	2·2	81·1	80·3	88·7	+ 0·2	92	7 days	77·0	−0·2	72	26	95	+ 3	6·9	32·96	+ 7·92	25	+ 5·1	6·13	26

* Reports only rainfall. *a*—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore ...	29·571	+ ·058	S 31 W	6·0	82·3	79·7	87·5	− 0·9	92	26	78·9	+ 0·6	76	14	89	+ 2	8·8	5·63	− 5·73	11	− 3·6	1·42	9
Chandbali ...	29·632	...	S 54 W	6·7	82·8	79·6	89·3	...	94	25	78·2	...	72	30	87	...	5·6	12·23	...	11	...	2·70	30
Puri ...	29·642	+ ·072	S 33 W	13·5	83·5	79·9	87·1	− 0·7	91	31	80·8	+ 1·3	77	2	85	− 1	7·7	1·83	− 10·48	5	− 8·0	0·65	17
Cuttack ...	29·581	+ ·081	S 61 W	3·1	82·1	78·7	89·5	+ 0·3	95	24	77·7	− 0·7	74	11	85	+ 1	7·3	6·45	− 7·21	12	− 4·0	2·43	25
Angul ...	29·202	+ ·074	S 66 W	...	80·5	77·4	88·6	+ 1·3	93	24, 25	77·0	+ 0·1	74	18	87	+ 2	7·3	8·15	− 2·65	15	+ 0·5	1·27	8
Sambalpur ...	29·170	+ ·064	S 32 W	4·3	79·8	77·0	87·7	+ 0·8	93	4 days	76·8	− 0·3	73	1	87	+ 1	8·5	16·31	− 2·88	17	− 2·2	3·52	6
Chota Nagpur																							
Jamshedpur ...	29·191	...	S 79 W	2·7	81·0	77·6	89·8	...	96	31	78·1	...	75	13	85	...	7·4	9·75	...	15	...	2·10	9
Chaibasa ...	28·891	+ ·060	S 54 W	2·3	81·2	77·5	89·3	+ 0·6	94	24	77·0	0	74	1, 9	85	− 1	8·5	8·10	− 3·37	14	− 2·4	2·28	9
Ranchi ...	27·505	+ ·061	S 67 W	3·5	77·2	73·9	84·1	+ 0·7	90	31	72·3	− 0·7	69	13	84	− 5	7·8	10·88	− 2·29	14	− 4·6	1·65	2
Hazaribagh[h] ...	27·689	...	W	5·6	78·0	74·1	85·7	...	91	31	73·6	...	71	14	82	...	5·9	10·82	− 2·32	17	− 0·8	2·20	14
Daltonganj ...	28·901	+ ·071	S 31 W	3·3	81·6	77·3	88·6	− 0·5	95	31	77·3	+ 0·4	74	8, 14	81	− 6	4·6	13·69	+ 0·53	15	− 1·5	2·03	17
Bihar																							
Purnea ...	29·487	+ ·015	S 56 E	2·6	82·5	79·7	90·3	+ 1·3	95	31	78·0	− 0·6	75	21	87	− 4	6·8	12·16	− 1·94	14	− 2·1	2·61	20
Darbhanga ...	29·430	+ ·014	S 85 E	7·9	83·8	80·4	90·0[o]	+ 1·2	95	31	78·6[o]	− 0·5	75	16	85	− 3	7·8	6·98	− 6·98	14	− 0·4	1·88	14
*Muzaffarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·79	− 4·63	10	− 3·7	3·00	15
Motihari ...	29·369	+ ·004	S 84 E	5·1	84·0	80·1	91·4	+ 2·2	96	30	79·0	+ 0·9	77	4 days	83	− 5	6·4	4·29	− 9·17	10	− 3·6	1·22	4
*Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·43	− 7·43	11	− 2·5	0·80	13
Patna ...	29·427	+ ·038	S 11 E	4·8	83·6	79·8	90·7	+ 1·6	98	31	80·1	+ 0·7	77	15	83	− 4	8·6	6·40	− 7·15	12	− 1·8	2·41	15
*Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·99	− 0·66	15	+ 0·9	3·74	17
*Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·73	− 6·47	8	− 6·5	2·25	1
Gaya ...	29·238	+ ·048	S 33 W	3·8	83·5	78·5	91·5	+ 1·4	99	30, 31	78·3	− 0·2	75	14	79	− 6	5·0	10·25	− 2·97	14	− 1·0	2·83	7
Naya Dumka ...	29·131	+ ·041	S 68 E	2·6	82·2	78·8	89·7	+ 1·2	96	30, 31	77·4	− 0·1	75	5 days	85	− 2	6·4	10·14	− 2·87	17	− 1·0	1·26	13
Sabour ...	29·487	...	S 15 W	5·3	82·5	80·0	89·6	...	95	31	79·4	...	77	4	89	...	7·3	16·67	+ 5·88	17	+ 4·0	4·21	13
United Provinces, East																							
Gorakhpur ...	29·341	+ ·027	S 56 W	2·9	83·1	79·2	90·7	+ 1·1	99	31	79·3	+ 0·9	76	3, 17, 21	83	− 5	7·2	9·26	− 4·73	10	− 4·9	3·20	17
Benares ...	29·356	+ ·047	S 60 W	3·8	82·6	78·5	90·6	+ 0·9	99	30, 31	78·7	+ 0·1	75	21	83	− 4	7·6	14·63	+ 3·09	16	+ 1·3	3·45	21
Allahabad ...	29·301	+ ·053	S 67 W	4·5	82·7	78·4	89·7	− 0·3	98	31	77·8	− 0·8	74	22	81	− 4	7·1	15·17	+ 3·47	17	+ 3·0	2·33	16
Fatehpur ...	29·227[b]	...	S 81 W	2·8[b]	82·9	78·7	90·2[b]	...	99	31	78·3[b]	...	74	17	83	...	6·5	9·91	...	12	...	1·73	1
Cawnpore ...	29·179	+ ·037	S 44 W	2·3	82·6	78·2	91·0	+ 0·3	100	31	78·9	+ 0·1	74	17	81	− 4	5·5	10·82	− 0·56	13	+ 0·1	3·26	1
Lucknow ...	29·228	+ ·039	S 51 W	3·1[l]	82·8	78·7	91·2	+ 0·6	101	30, 31	78·9	+ 0·4	76	22	83	− 3	6·3	6·48	− 4·41	14	+ 0·9	2·05	22
Bahraich ...	29·180	+ ·027	S 63 E	3·9	82·4	78·6	89·8	− 0·3	97	31	78·0	− 0·4	74	13, 16	83	− 3	5·6	17·28	+ 4·03	14	+ 1·1	5·32	13
Gonda ...	29·248	...	E	3·5	81·8	78·6	89·7	...	96	30	78·5	...	74	16	87	...	6·8	17·89	...	14	...	2·71	13
United Provinces, West																							
Jhansi ...	28·788	+ ·036	S 68 W	1·3	81·6	76·6	90·3	+ 0·9	99	30	76·8	− 0·6	73	18	79	− 3	6·5	11·15	− 0·10	11	− 2·5	3·08	5
Agra ...	29·029	+ ·024	S 69 W	4·1	81·3	77·2	90·6	− 1·1	99	31	77·6	− 1·3	75	27	83	− 4	6·9	11·26	+ 3·11	12	+ 1·8	4·26	18
Mainpuri ...	29·066	+ ·031	S 87 W	4·9	82·8	78·1	91·4	− 0·4	101	31	77·7	− 1·1	76	5 days	81	− 2	7·0	10·43	+ 1·74	12	+ 1·3	4·50	4
Aligarh ...	29·000	...	N 85 W	4·2	82·4	78·0	91·0	...	100	31	77·9	...	74	18	81	...	6·2	7·79	...	11	...	1·36	3
Bareilly ...	29·037	+ ·046	S 14 E	2·9	83·1	78·8	91·7	+ 1·5	100	31	78·7	+ 0·6	76	17,18,22	81	− 6	5·8	4·08	− 8·19	13	+ 0·8	0·92	13
*Meerut ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·42	+ 2·73	7	− 2·6	6·06	17
Roorkee ...	28·690	+ ·023	S 38 E	2·5	81·2	76·9	90·3	+ 0·1	95	31	77·3	+ 0·2	73	26,29,31	81	− 3	5·8	10·29	− 1·74	10	− 1·7	5·13	17
Dehra Dun[a] ...	27·396	+ ·019	S 81 E	1·3	75·5	72·7	85·2	+ 1·4	90	30, 31	72·4	− 0·6	67	27	86	− 5	7·3	36·95	+ 8·17	20	− 1·3	5·07	22
Punjab, East and North																							
Delhi ...	28·870	+ ·030	S 54 W	3·4	82·7	77·6	91·8	...	99	31	76·8	...	74	5 days	79	...	5·6	3·45	− 3·97	8	− 1·2	0·64	17
Hissar ...	28·867	+ ·046	S 55 W	4·4	84·3	77·2	94·0	− 4·1	101	30, 31	77·3	− 3·1	75	22, 27	71	+ 1	3·4	2·79	− 0·83	4	− 1·3	0·94	4
Ambala ...	28·693	+ ·031	S 29 E	2·9	82·5	77·3	93·0	− 0·1	99	31	77·4	− 0·5	70	27	79	− 5	5·6	8·75	+ 1·05	9	− 0·1	2·65	17
Ludhiana ...	28·774	+ ·034	S 25 E	1·6	84·1	77·8	93·5	− 1·2	100	31	78·1	− 1·2	74	27	74	− 4	4·7	5·72	− 1·22	6	− 1·6	2·42	8
Lahore ...	28·869	+ ·037	S 22 W	2·1	85·0	78·5	96·0	− 1·7	101	5 days	78·7	− 0·6	67	27	74	− 1	3·7	1·97	− 3·36	4	− 1·8	0·84	4
Sialkot[a] ...	28·746	+ ·031	S 55 E	2·0	81·9	78·4	93·5	− 1·0	99	25	77·4	− 0·9	67	26, 27	85	+ 5	3·9	7·43	− 1·48	9	− 0·1	2·60	26
Rawalpindi ...	27·925	+ ·027	S 87 E	1·5	82·6	74·9	94·2	+ 0·3	101	25	76·9	+ 1·5	70	26, 27	70	− 7	3·9	6·18	− 2·96	8	− 1·3	2·05	5

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *h*—Mean of 23 days. *l*—Mean of 19 days. *o*—Mean of 16 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	28·945	+ ·024	S 56 E	5·5	87·0	79·5	97·8	− 2·4	103	21	80·6	− 0·8	68	26	70	+ 1	2·8	5·06	+ 1·84	5	+ 1·6	3·11	26
Lyallpur ...	28·968	+ ·059	S 3 W	3·5	86·3	78·0	97·8	− 0·1	103	4 days	80·1	0	69	26	67	− 4	3·5	2·15	− 2·09	3	− 2·3	1·17	26
Montgomery ...	28·999	+ ·034	S 3 W	3·6	86·1	79·5	97·7	− 3·4	104	31	80·5	− 1·3	70	26	74	+ 11	2·6	1·88	− 1·40	3	− 0·8	0·95	6
Multan ..	29·119	+ ·036	S 1 W	4·2	87·4	80·1	99·5	− 1·4	106	4	81·1	− 1·4	73	26	71	+ 2	3·5	1·85	− 0·13	4	+ 1·4	0·71	10
Bahawalpur ...	29·171	...	S 34 W	4·7	86·7	78·0	98·9	...	104	5	81·0	...	77	26	67	...	2·5	0·56	...	1	...	0·50	10
Khanpur ...	29·270	...	S 43 W	7·7	85·1	77·4	99·9	...	107	8	80·8	...	76	26	70	...	2·6	2·76	+ 1·12	2	0	2·10	10
Kashmir																							
Srinagar ...	24·708	+ ·032	S 40 E	2·6	68·4	65·5	87·2	+ 0·6	94	22	62·2	− 1·0	50	29	85	0	4·4	1·35	− 0·98	5	− 0·3	0·32	26
Gulmarg ...	21·800	+ ·040	N 46 E	2·9	61·4	57·2	68·0	− 0·7	72	21, 22	49·7	− 1·0	40	29	79	+ 1	5·5	5·05	+ 0·32	11	+ 1·4	1·82	9
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·56	+ 1·96	10	+ 1·3	0·91	7
Dras ...	20·724	+ ·025	S 45 W	6·6	57·6	51·8	74·0	− 3·8	79	4 days	49·3	+ 0·5	39	29	70	+ 8	2·7	0·21	− 0·33	0	− 1·5	0·05	12
Leh ...	19·656	+ ·016	S 33 W	2·7	56·6	49·5	73·1	− 3·4	79	6, 12	49·7	0	38	28	64	+ 6	4·9	0·60	+ 0·06	1	− 0·8	0·36	27
Skardu ...	22·700	+ ·030	S	...	68·5	64·2	86·5	− 0·9	96	1	62·0	+ 0·3	47	28	79	+ 28	3·6	0·28	− 0·09	0	− 1·2	0·08	28
Gilgit ...	...	...	S 45 E	1·1	76·8	69·4	90·3	− 4·9	98	3	71·5	+ 0·2	61	27, 28	68	+ 17	4·0	0·19	− 0·30	1	− 0·8	0·14	26
North-West Frontier Province																							
Peshawar[a] ...	28·413	+ ·024	N 10 W	2·7	85·3	76·9	97·5	− 0·7	103	22, 24, 25	78·8	+ 0·3	72	8, 9, 27	67	+ 8	4·1	2·81	+ 0·57	3	+ 0·4	1·80	8
Miranshah[a] ...	26·676	...	S 59 E	6·9	83·4	72·8	93·5	...	99	24, 25	76·8	...	69	27, 29	59	...	3·7	0·78	...	2	...	0·53	13
Dera Ismail Khan...	28·982	+ ·045	S 68 E	2·5	86·5	80·3	97·6	− 3·1	103	31	79·7	− 1·6	73	6	76	+ 1	3·4	3·18	+ 1·24	4	+ 1·8	1·12	6
†Baluchistan																							
Fort Sandeman ...	25·203	+ ·021	N 24 E	3·4	75·6	68·0	95·5	− 1·5	102	5	74·1	+ 1·0	66	8	68	+ 6	2·3	2·51	+ 0·50	4	0	0·93	12
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·83	+ 3·85	8	+ 3·2	2·25	10
Quetta ...	24·523	+ ·004	S 26 E	3·9	69·3	60·7	93·0	+ 1·1	99	6	63·4	− 2·2	56	17, 18, 24	62	+ 11	1·8	0·71	+ 0·25	3	+ 2·2	0·32	12
Chaman ...	25·466	+ ·019	S 29 W	4·0	79·5	60·6	96·0	− 2·3	103	1, 6, 7	72·7	− 0·2	66	17	31	− 2	0·5	0	− 0·04	0	− 0·1	0	...
Kalat[a] ...	23·609	+ ·032	S 9 W	5·1	61·7	56·0	86·4	− 4·4	93	1, 7	56·1	+ 3·9	51	17, 24	72	+ 23	1·2	1·25	+ 0·95	2	+ 1·2	1·10	10
Dalbandin ...	26·843	+ ·033	S 62 W	3·5	76·4	57·5	103·1	− 3·2	111	7	70·2	− 1·5	63	19	26	− 5	0·7	0	− 0·19	0	− 0·3	0	...
Las Bela ...	29·331	...	S 26 E	2·9	81·2	76·7	94·3	...	100	30	76·6	...	72	11, 29	81	...	6·1	3·02	...	3	...	1·83	11
Sind																							
Jacobabad ...	29·323	+ ·005	S 36 E	2·8	86·9	79·2	99·0	− 5·6	107	4, 5	81·5	− 0·6	77	31	70	− 1	0·9	4·16	+ 3·18	3	+ 1·4	2·31	10
Sukkur ...	29·305	...	S 22 E	6·2	83·2	77·1	98·9	...	105	8	80·3	...	77	24, 25	75	...	1·7	0·90	...	2	...	0·60	11
Chhor ...	29·558	...	S 21 W	8·7	81·2	76·8	91·4	...	99	31	76·5	...	69	25	81	...	6·6	2·02	...	5	...	1·40	9
Hyderabad ...	29·488	+ ·048	S 42 W	10·8	83·3	77·4	93·3	− 2·4	101	8	78·9	− 0·2	75	10, 30	75	+ 4	7·5	2·51	+ 0·39	2	− 0·5	1·70	10
Karachi ..	29·606	+ ·031	S 77 W	9·9	80·7	77·8	85·3	− 0·4	88	5 days	78·3	0	73	10	87	+ 2	8·3	1·13	− 0·54	2	0	0·85	10
Badin ...	29·560	...	S 61 W	10·2	81·3	76·2	89·6	...	96	31	79·1	...	76	29	78	...	6·9	4·99	...	4	...	2·45	9
Rajputana, West																							
Bikaner ...	28·851	+ ·071	S 41 W	5·2	81·5	75·6	92·5	− 5·3	101	31	78·4	− 2·3	75	19, 24, 25	75	+ 6	3·4	2·78	− 0·69	6	+ 1·1	0·77	8
Jodhpur ...	28·839	+ ·033	S 47 W	5·5	79·1	74·9	89·1	− 4·0	100	31	76·0	− 1·7	72	26	82	+ 7	8·1	14·15	+ 9·75	10	+ 4·7	6·46	8
Barmer ...	28·953	...	S 57 W	4·8	79·0	75·0	88·7	...	99	31	76·5	...	75	5 days	82	...	6·2	3·27	...	5	...	1·31	3
Rajputana, East																							
Jaipur ...	28·222	+ ·052	N 81 W	2·5	79·7	74·5	88·6	− 2·8	99	31	74·2	− 2·2	71	25, 27	79	+ 1	6·1	12·06	+ 4·13	9	− 1·4	7·05	6
Ajmer ...	28·035	+ ·035	S 66 W	4·4	77·8	72·7	86·1	− 1·9	97	31	74·9	− 1·1	73	14	78	− 4	7·3	7·59	+ 0·84	8	− 0·7	2·94	7
Kotah ...	28·799	+ ·053	S 86 W	3·9	82·5	76·0	89·5	− 0·8	101	31	77·0	− 1·5	74	7, 10, 11	73	− 1	6·4	7·68	− 1·17	8	− 2·4	3·20	10
Jhalrapatan ...	28·594	...	S 73 W	3·9	79·4	75·2	88·6	...	99	31	74·1	...	72	26	83	...	5·9	3·07	...	6	...	1·07	10
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·91	− 4·01	4	− 4·6	1·91	11
Gujarat																							
Deesa[a] ...	29·186	+ ·026	S 50 W	4·1	78·6	75·4	87·3	− 2·1	101	31	75·2	− 0·7	73	5 days	86	+ 2	7·7	3·41	− 5·21	12	+ 2·6	0·68	3, 9
Bhuj ...	29·296	+ ·024	S 67 W	7·1	79·4	75·3	87·6	− 0·9	97	31	75·9	− 0·4	72	29, 30	82	− 1	6·8	1·13	− 2·11	5	+ 1·0	0·35	9
Dwarka ...	29·635	+ ·026	S 70 W	13·0	80·5	76·2	84·5	− 0·1	87	29	78·5	+ 0·2	76	20, 21	80	− 5	8·4	0·43	− 2·77	1	− 3·9	0·15	10
Rajkot ...	29·237	+ ·024	S 69 W	10·6	78·9	75·2	89·5	+ 0·7	97	31	74·5	0	71	22	84	+ 1	7·6	0·94	− 4·77	4	− 3·8	0·25	9
Veraval ...	29·692	+ ·034	N 86 W	10·4	80·4	77·0	83·3	+ 1·0	92	31	78·1	+ 0·1	75	18	85	− 4	8·3	0·91	− 2·88	2	− 4·0	0·21	18
Surat ...	29·669	+ ·024	S 48 W	4·9	80·1	77·7	88·1	+ 1·5	99	31	77·4	+ 0·6	75	4 days	89	+ 4	8·6	3·57	− 3·98	13	+ 0·5	0·91	15
Bhavnagar ...	29·643	+ ·028	W	4·6	81·4	75·8	91·0	− 0·3	99	31	76·0	− 0·8	73	20	77	− 4	7·4	2·90	− 2·27	5	− 2·8	1·64	15
Ahmadabad ...	29·517	+ ·029	S 71 W	4·5	80·9	76·5	89·4	− 0·6	99	31	76·7	− 0·1	74	9, 18	81	− 2	7·4	5·17	− 2·92	10	− 0·7	2·40	9
Dohad ...	28·683	...	S 46 W	5·7	77·7	74·6	85·9	...	97	31	74·2	...	70	10	87	...	8·4	4·08	...	11	...	1·15	2

* Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *a*—Mean of 30 days. *b*—Mean of 29 days. *f*—Mean of 25 days. *k*—Mean of 20 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	28·043	+·031	S 67 W	6·7	77·2	72·9	84·8	− 0·2	97	30, 31	71·8	− 0·9	70	4 days	80	− 6	6·7	1·80	− 4·03	6	− 3·9	1·69	11
Indore ...	27·871	+·037	S 80 W	4·7	75·5	71·9	84·4	+ 1·8	92	30, 31	71·3	− 0·1	69	21	84	− 4	6·7	3·66	− 4·35	10	− 1·1	0·95	2
Bhopal ...	28·048	...	N 87 W	4·9	77·2	73·0	85·8	...	95	31	73·8	...	71	18	82	...	6·6	3·61	...	10	...	1·25	18
Guna ...	28·080	...	S 67 W	4·9	77·3	74·4	86·1	...	96	31	72·9	...	71	13, 26	86	...	6·0	8·49	...	8	...	3·70	10
Central India, East																							
Nowgong ...	28·875	+·054	S 56 W	3·4	81·0	76·9	89·9	+ 2·0	100	30	76·4	− 0·6	74	28	83	− 4	7·7	11·03	− 2·41	10	− 3·7	4·56	10
Sutna ...	28·580	+·058	S 59 W	3·8	80·3	76·3	88·0	+ 2·0	97	31	75·7	− 0·5	72	17	83	− 4	6·6	8·48	− 4·30	11	− 3·7	1·92	8
Umaria ...	29·152	...	N 86 W	3·5	79·0	75·3	85·9	...	91	28,29,30	74·5	...	72	16	84	...	6·6	7·64	...	13	...	2·60	16
Berar																							
Akola ...	28·780	+·043	N 66 W	4·6	79·0	74·7	88·4	+ 1·2	95	23, 30	74·4	+ 0·9	71	18	81	0	5·5	5·39	− 1·04	6	− 3·6	2·41	18
Amraoti ...	28·480	+·042	S 79 W	6·8	77·6	73·9	87·4	+ 1·3	93	23	73·8	+ 1·0	71	1	84	− 2	7·5	6·14	− 0·44	10	+ 0·2	1·45	10
Central Provinces, West																							
Khandwa ...	28·642	+·035	S 66 W	5·4	79·2	74·7	88·1	+ 2·5	96	30, 31	74·1	0	70	13	81	− 3	5·5	5·33	− 1·16	10	− 0·4	2·22	10
Hoshangabad ...	28·690	+·051	S 63 W	3·0	78·3	74·9	87·1	+ 2·6	95	30, 31	75·4	+ 1·5	73	10, 11	85	− 5	6·8	4·74	− 10·25	13	− 2·5	0·91	18
Saugor ...	27·845	+·047	N 84 W	4·4	76·6	73·1	84·6	+ 1·0	93	31	72·1	− 0·6	70	1, 2, 18	81	− 4	6·8	7·69	− 5·96	8	− 7·4	2·12	10
Jubbulpore ...	28·340	+·074	S 79 W	3·1	78·4	74·9	86·4	+ 1·8	93	30, 31	74·5	+ 0·5	73	9 days	85	− 3	6·7	7·37	− 9·49	7	− 10·4	2·68	10
Seoni ...	27·661	+·060	S 88 W	3·2	78·8	74·0	84·0	+ 1·2	89	31	71·9	+ 0·5	69	1	78	− 9	6·9	8·02	− 5·17	16	− 0·6	1·57	8
Nagpur ...	28·665	+·054	N 82 W	3·5	78·5	74·5	88·6	+ 1·8	94	29	74·5	− 0·1	72	1	83	0	7·6	7·45	− 4·19	16	+ 2·3	1·16	18
Central Provinces, East																							
Pendra ...	27·626	+·058	S 39 W	3·7	76·8	73·7	83·2	+ 1·4	89	31	72·1	+ 0·7	70	29	86	− 1	6·9	12·88	− 0·33	15	− 3·0	2·49	8
Raipur ...	28·690	+·060	S 60 W	4·1	79·0	76·1	87·6	+ 1·9	93	31	75·6	+ 0·8	71	1	86	− 3	7·1	8·41	− 5·32	14	− 1·6	1·96	6
Kanker ...	28·372	...	S 64 W	4·7	78·1	74·7	85·2	...	91	24	73·8	...	70	6, 15	85	...	7·7	7·25	...	15	...	1·19	7
Chanda ...	29·056	+·040	S 54 W	1·9	79·8	77·2	87·6	+ 0·2	93	24, 26	75·3	+ 0·2	73	1, 18, 27	89	+ 7	4·1	10·18	− 2·84	15	0	2·15	18
Jagdalpur ...	27·875	+·040	S 72 W	3·5	76·0	73·4	84·7	+ 1·8	91	24	71·5	0	68	15	88	+ 1	7·0	13·78	+ 2·19	18	− 1·4	2·15	25
Konkan																							
Bombay ...	29·704	+·009	N 46 W	6·9	80·4	77·3	86·2	+ 1·3	90	31	77·2	+ 1·3	75	4 days	87	+ 1	8·0	6·96	− 6·84	17	− 2·2	1·87	7
Ratnagiri ...	29·560	+·002	N 57 W	7·2	80·5	77·1	83·6	0	86	5 days	75·7	+ 0·2	74	4 days	85	− 2	4·0	10·24	− 9·50	17	− 6·7	3·36	3
Marmagao ...	29·588	+·007	N 16 W	9·6	79·1	76·3	83·4	...	87	25	76·2	...	74	7 days	86	...	8·0	14·46	...	12	...	3·12	4
Karwar ...	29·733	−·022	S 85 W	3·0	78·5	76·6	84·2	+ 1·7	88	26,28,29	75·3	+ 0·5	73	4 days	91	+ 3	6·8	11·88	− 9·50	16	− 7·9	2·12	24
Bombay Deccan																							
Malegaon ...	28·291	+·038	S 49 W	3·9	77·9	72·1	88·1	+ 1·0	95	23	71·4	− 0·5	67	14	74	− 3	8·8	2·01	− 1·20	6	+ 0·1	0·63	30
Ahmadnagar ...	27·593	+·015	N 83 W	5·0	75·2	71·2	85·4	+ 0·5	93	24	70·6	+ 1·7	65	13	82	+ 3	7·5	4·34	+ 1·85	8	+ 3·1	1·80	21
Poona ...	27·915	+·020	S 82 W	5·5	75·5	71·6	83·9	+ 2·2	95	24	70·6	+ 0·1	68	12, 19	82	+ 1	8·5	6·77	+ 3·11	11	+ 2·0	1·81	1
Sholapur ...	28·177	+·021	N 86 W	4·3	76·6	72·0	88·9	+ 1·5	95	24, 26	71·4	+ 0·5	68	28	80	+ 4	5·2	5·06	+ 0·19	10	+ 2·4	1·10	30
Miraj ...	27·952	...	N 83 W	7·0	74·9	71·5	84·4	...	92	24	70·4	...	67	12, 27	84	...	8·1	13·69	...	12	...	5·94	27
Bijapur ...	27·809	+·012	N 81 W	5·7	75·2	71·3	87·2	+ 0·6	94	17, 24	71·2	+ 1·4	68	28	82	+ 2	6·4	6·51	+ 4·09	7	+ 2·5	2·75	28
Belgaum ...	27·234	+·010	N 80 W	3·5	70·7	69·4	80·7	+ 4·4	89	25	67·6	+ 1·2	65	4 days	92	− 1	7·8	12·50	+ 2·83	16	− 1·0	2·36	1
Gadag ...	27·644	...	N 88 W	4·5	74·2	70·8	86·8	...	93	17	70·0	...	67	12, 15	84	...	6·4	5·01	...	9	...	2·24	23
Hyderabad, North																							
Aurangabad ...	27·843	+·024	S 87 W	7·4	74·8	71·5	85·3	+ 0·4	93	24	70·3	+ 0·9	67	14, 15	84	+ 1	9·5	4·72	− 0·11	9	0	1·42	30
*Parbhani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·41	− 0·98	11	+ 2·5	1·56	18
Nizamabad ...	28·473	+·041	S 33 W	2·3	77·8	74·0	88·2	+ 1·8	95	24, 25	73·7	+ 0·8	71	1, 26	82	+ 1	4·3	12·47	+ 2·28	16	+ 1·9	3·61	10
Hyderabad, South																							
Gulbarga ...	28·246	+·025	S 83 W	8·0	77·0	72·1	90·0	+ 1·5	96	25	72·3	+ 0·9	69	18	78	− 2	6·1	5·59	− 0·10	10	+ 1·7	1·34	2
Raichur ...	28·456	+·033	S 54 W	8·2	78·6	73·7	91·2	+ 1·6	96	26, 27	73·3	+ 0·8	69	18, 28	78	+ 2	4·0	12·36	+ 7·04	11	+ 2·4	4·00	30
Hyderabad ...	28·035	+·046	W	4·6	78·0	72·9	88·5	+ 2·7	95	25, 27	71·8	− 0·7	68	18, 29	78	− 2	6·7	1·71	− 4·59	7	− 3·4	0·47	7
Hanamkonda ...	28·842	+·044	S 36 W	3·9	79·2	74·5	89·2	+ 2·0	95	27	74·9	+ 0·1	70	15	80	+ 9	6·5	5·69	− 0·86	8	− 2·6	2·13	29
Mysore																							
Chitaldrug ...	27·385	0	S 72 W	5·3	73·8	70·5	85·3	+ 3·0	91	17	69·4	+ 1·2	67	18, 26	84	+ 1	7·8	13·08	+ 10·13	16	+ 9·1	3·80	23
Bangalore ...	26·807	−·007	N 80 W	4·8	72·0	68·7	84·1	+ 2·1	89	22	67·5	+ 1·7	64	16	83	− 2	7·9	5·79	+ 0·41	9	− 0·6	1·45	31
Mysore ...	27·292	−·023	S 68 W	4·0	73·0	69·6	84·3	+ 1·1	90	27	68·6	+ 1·9	66	6, 15, 17	84	+ 3	7·3	5·11	+ 1·84	8	+ 1·3	2·24	14
Malabar																							
Mangalore ...	29·717	−·036	N 19 W	4·7	79·2	76·7	84·1	+ 0·4	90	26	75·3	+ 1·2	72	5	89	− 1	7·6	10·92	− 11·62	19	− 5·8	2·47	5
Calicut ...	29·776	−·030	N 28 W	4·2	77·5	75·7	82·8	+ 0·3	87	4 days	74·9	+ 0·5	73	4 days	91	− 1	8·1	16·49	+ 0·91	16	− 2·7	5·43	30
Cochin ...	29·799	−·040	N 68 E	5·2	79·3	76·2	83·7	− 0·3	86	23,26,27	75·6	+ 1·1	72	27	86	0	7·2	14·93	+ 2·04	17	− 1·3	3·45	30
Trivandrum ...	29·583	−·051	N 4 W	5·5	78·4	75·5	84·1	+ 1·6	87	13,16,17	75·7	+ 0·9	73	29	86	0	7·4	15·50	+ 11·43	18	+ 8·8	4·03	29

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *l*—Mean of 19 days. *p*—Mean of 15 days.

STATION.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·74	+ 6·18	8	+ 7·0	2·65	17
Pamban ...	29·738	− ·001	S 2 E	8·4	83·5	78·4	88·7	− 0·6	90	4 days	77·5	−1·0	75	15, 25	79	+ 2	5·2	0·21	− 0·52	1	− 0·1	0·10	30
Madura ...	29·294	− ·016	N 41 W	4·2	81·3	73·6	94·9	− 1·3	100	9	77·1	+1·1	73	16, 17	69	+ 2	7·0	4·47	+ 0·22	8	+ 2·0	1·65	16
Negapatam ...	29·738	+ ·005	S 76 W	5·6	81·9	76·4	91·2	− 2·8	98	1	78·3	+0·8	75	4 days	77	+ 4	7·0	3·53	− 0·06	9	+ 3·7	0·92	18
Trichinopoly ...	29·508	− ·011	S 65 W	4·9	81·8	75·0	94·1	− 2·5	99	12	77·8	+0·9	73	12	71	+ 4	5·5	8·42	+ 4·59	6	+ 1·6	3·55	29
Coimbatore ...	28·434	− ·014	S.	4·6	77·0	72·7	87·0	− 1·1	91	17, 18, 24	72·2	+1·3	70	4, 14, 19	80	− 3	7·4	3·32	+ 2·19	9	+ 6·3	0·81	28
Salem ...	28·844	− ·019	S 32 W	3·1	78·2	73·8	91·1	− 1·1	95	1, 2	73·6	+0·7	70	11	80	0	6·6	6·58	− 0·26	11	+ 0·5	1·82	14
Cuddalore ...	29·726	+ ·012	S 63 W	5·4	82·7	77·8	92·0	− 2·0	100	1, 2	78·0	+1·0	75	4, 12	79	+ 2	7·1	1·71	− 3·26	4	− 3·5	0·98	4
Vellore ...	29·045	− ·001	N 78 W	3·6	80·3	75·1	92·7	− 0·6	98	26	75·5	−0·9	71	17	73	+ 6	6·6	3·07	− 3·21	7	− 0·3	0·80	11
Madras ...	29·725	+ ·008	S 36 W	7·1	82·9	77·5	91·1	− 2·3	98	1	78·1	+0·9	73	3, 11	77	+ 2	6·9	1·98	− 2·66	6	− 1·9	0·91	11
Madras, Deccan																							
Cuddapah ...	29·320	+ ·002	N 54 W	5·7	83·2	76·5	94·8	+ 0·2	101	27	77·9	+0·8	72	16	73	+ 3	6·4	4·48	− 1·33	9	+ 1·0	1·25	3
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·65	+ 6·50	8	+ 4·0	4·35	19
Bellary ...	28·283	+ ·005	N 84 W	5·5	78·0	72·4	90·2	− 0·7	95	25	73·8	0	69	18, 31	76	+ 9	5·5	6·76	+ 4·44	8	+ 3·9	3·53	18
Kurnool ...	28·826	+ ·017	N 62 W	6·0	80·3	73·6	92·4	+ 2·0	99	27	75·5	+1·2	71	18	72	− 5	6·5	4·23	− 0·81	9	− 0·1	1·05	28
Madras Coast, North																							
Nellore ...	29·676	+ ·028	S 20 W	4·9	83·4	77·6	93·7	− 2·1	100	1, 14	78·3	−0·7	73	14, 15	75	+ 6	6·1	3·35	+ 0·08	5	− 0·7	1·57	14
Masulipatam ...	29·714	+ ·034	S 58 W	6·0	82·5	79·5	89·0	− 2·4	94	14	77·6	−0·1	75	6 days	87	+ 5	5·1	5·39	− 1·61	10	− 0·8	2·02	4
Cocanada ...	29·694	+ ·057	S 76 W	4·9	82·4	78·2	90·4	+ 0·8	95	26, 27, 28	78·1	−0·3	75	3, 6	83	0	6·4	5·28	− 0·21	7	− 2·6	1·93	6
Vizagapatam ...	29·571	+ ·066	W	5·3	82·4	77·6	87·9	− 0·9	91	13, 14	79·1	+0·9	75	14	79	− 1	7·3	1·32	− 4·04	5	− 3·4	0·37	14
Calingapatam ...	29·672	+ ·078	S 82 W	7·3	83·5	79·8	90·0	+ 0·1	94	26, 29	79·0	+0·5	77	4 days	85	+ 1	6·9	2·31	− 5·58	7	− 2·9	0·43	17
Gopalpur ...	29·616	+ ·075	S 30 W	9·8	82·7	79·4	87·4	− 0·2	91	26, 27, 28	79·0	+0·1	75	15	85	− 1	6·4	4·81	− 2·91	6	− 5·1	1·67	5
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·296	+ ·030	S 45 E	3·1	70·6	68·7	76·3	+ 0·4	83	26	66·9	+1·0	65	4 days	90	− 1	6·8	7·29	− 2·02	13	− 2·1	1·92	26
Haka ...	24·015	...	N 49 E	6·1	62·5	60·9	71·5	...	77	26	60·1	...	58	9	92	...	6·9	12·01	...	18	...	1·56	29
Kanpetlet ...	23·849	...	S 54 E	...	66·7	63·0	70·3	...	73	23, 25	60·4	...	59	5 days	83	...	6·0	15·53	...	25	...	2·91	20
Shillong ...	24·991	+ ·018	N	2·0	69·0	65·7	74·5	− 0·4	78	6, 22	63·8	+0·1	58	28	83	− 3	9·2	13·01	− 1·32	17	− 2·3	3·57	24
Cherrapunji ...	25·552	+ ·025	S 20 E	6·0	66·9	66·3	70·3	− 1·9	74	7	64·7	−0·3	63	6 days	97	+ 2	9·9	121·99	+ 32·06	23	+ 2·3	26·88	23
Darjiling ...	22·847	+ ·002	S 83 E	3·4	62·5	60·5	65·5	− 1·0	69	31	58·2	+0·6	56	7, 16, 26	93	− 5	8·6	21·19	− 4·93	24	− 0·1	2·80	16
Kalimpong ...	25·820	+ ·009	S 63 E	5·3	70·1	69·4	74·1	− 0·4	79	9	66·9	0	65	7, 9, 17	97	+ 2	8·1	19·55	+ 0·38	21	− 0·1	3·69	9
Mukteswar ...	22·739	+ ·022	S 32 W	5·2	61·5	59·5	66·8	− 2·0	72	31	58·9	+1·7	55	26, 27	89	− 5	7·3	9·71	− 2·14	15	− 2·0	2·02	22
Mussoorce ...	23·266	+ ·058	S 8 W	3·1	63·3	62·4	67·2	− 1·8	72	9	60·2	+0·3	56	27	95	0	7·9	25·90	...	24	...	4·36	17
Simla ...	22·997	+ ·016	N 18 E	1·7	62·5	60·2	67·5	− 1·2	74	30, 31	59·2	0	54	27	87	+ 1	7·6	28·48	+11·15	22	+ 2·5	5·20	22
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23·05	+ 9·91	21	+ 4·6	3·87	21
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19·38	...	23	...	3·66	8
Murree ...	23·131	...	N 88 W	3·0	64·7	61·0	70·7	− 3·1	75	22	58·9	−2·0	51	26, 27	82	− 2	6·9	7·87	− 7·01	14	− 0·6	1·34	9
Cherat ...	25·540	+ ·039	S 6 E	6·6	73·7	69·3	85·9	− 0·2	94	25	69·7	−0·2	61	27	79	+ 4	5·0	3·13	− 1·17	5	− 1·1	1·88	8
Parachinar ...	24·319	+ ·037	S 67 E	4·5	74·5	65·7	82·8	− 2·2	88	25	64·5	−0·4	58	28, 29	63	0	3·7	4·88	+ 1·25	9	+ 1·3	1·88	9
Drosh ...	...	...	S 45 W	5·2	77·0	65·7	95·9	+ 0·4	103	24	71·6	−0·6	57	27	54	− 3	2·5	0·04	− 0·66	0	− 2·3	0·04	9
Mount Abu ...	25·839	+ ·024	S 38 W	7·2	67·6	65·5	71·2	− 0·9	83	31	64·6	+0·2	62	26	92	− 3	8·6	33·79	+11·48	19	+ 1·6	7·64	8
Pachmarhi ...	26·280	+ ·065	N 69 W	4·0	71·5	68·5	76·7	+ 1·9	84	30, 31	66·6	−0·4	64	10, 14, 28	86	− 7	7·9	7·60	−15·70	17	− 4·5	1·04	1
Mahableshwar ...	25·418	...	W	...	65·6	64·5	69·5	...	78	24, 25	62·7	...	61	5 days	95	...	8·9	63·03	...	25	...	9·18	1
Mercara ...	26·102	− ·012	N 64 W	7·4	66·4	65·5	73·2	+ 3·8	79	23, 25	63·8	+2·0	61	6	95	− 1	7·8	18·59	− 6·86	24	− 2·3	3·85	4
Kodaikanal ...	22·732	+ ·007	N 54 W	5·4	56·9	54·7	63·3	+ 0·3	67	26	52·2	+1·0	50	4 days	89	+11	6·9	12·65	+ 5·66	20	+ 7·9	1·52	19, 20
Coonoor ...	24·385	...	S 23 E	2·8	65·4	60·8	71·1	...	75	8	58·0	...	55	4 days	78	...	6·3	12·00	...	17	...	1·85	22
Ceylon																							
Colombo ...	29·793	− ·027	S 35 W	5·4	78·6	75·8	84·9	− 1·0	86	12 days	75·8	−1·4	71	27	86	+ 2	7·8	15·38	+12·11	19	+12·7	3·78	27
Trincomalee ...	29·655	+ ·009	S 66 W	6·8	78·6	74·4	90·5	− 2·1	95	5 days	76·0	−0·9	72	13, 26	82	+ 2	4·9	7·43	+ 3·24	11	+ 6·0	2·44	15, 26
Hambantota ...	29·725	− ·031	N 84 W	14·7	78·9	75·6	85·6	− 1·4	93	7	76·0	−0·2	74	6 days	84	− 5	5·3	5·74	+ 4·61	14	+10·9	1·33	19
Nuwara Eliya ...	24·023	...	...	...	58·4	56·7	68·0	...	73	13, 14	53·5	...	46	10	93	...	7·7	5·84	...	19	...	0·54	13
Arabia																							
†Aden ...	29·544	− ·034	S 12 W	12·8	84·5	78·5	92·4	+ 0·3	96	18	80·8	+0·1	75	5, 9	76	+ 2	3·5	0	− 0·12	0	− 0·3	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *a*—Mean of 30 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *f*—Mean of 25 days.

Y. P. P.—S 407—460 —19-9-32

MONTHLY WEATHER REPORT

FOR

September 1932

(Supplement to the Indian Daily Weather Report for the 26th October 1932)

Published by order of the Governor-General in Council

Summary.—Normal monsoon in Burma, northeast India, west United Provinces, east Punjab, central India and western half of Peninsula and weak monsoon elsewhere; also gradual withdrawal of the monsoon from the country after the 25th.

With a revival of the monsoon at the end of the previous month, conditions became unsettled in the Bay of Bengal off the Orissa-Ganjam coast, where a fairly deep depression formed on the 2nd. It crossed the Orissa coast near Puri on the 3rd and moved across the country in a northwesterly direction to west Central India, being centred on the 6th near Guna. After a day, it curved northeastwards to the United Provinces, where it persisted as a shallow depression till the 12th. This depression was responsible for strong monsoon in north and central India and caused locally heavy rain along and near its track; some of the notable heavy falls were Patna 6″ on the 2nd, Bombay 7″ on the 4th, Indore and Bhopal 5″ each and Hoshangabad 4″ on the 5th, Ambala 6″ on the 6th and 8″ the next day, Guna 7″ on the 7th, Jhansi 5″ on the 8th and 9th and Agra 3″ on the latter date. Heavy rain in the catchments of the Jumna resulted in the flooding of that river in the neighbourhood of Delhi. The monsoon was also generally active in Burma, the west coast of the Peninsula and the north Deccan during the first fortnight.

There was a marked strengthening of the monsoon in the Bay of Bengal towards the middle of the month and conditions again became unsettled in the north Bay on the 17th. A depression formed to the south of the Sandheads by the 19th morning and intensified into a moderate storm in the course of the next 24 hours. It crossed coast near Saugor Island on the 21st morning, travelled across the country as a deep depression in a northwesterly direction and lay over the west Central Provinces on the 23rd. In the course of the next 24 hours the depression curved northwards to the United Provinces and broke up near the Punjab-Kumaon hills by the 26th morning. It caused heavy rain along and near its track as well as in Burma, some of the noteworthy falls being Jalpaiguri 6″ on the 14th, Cherrapunji 8″ on the 17th, Amherst and Tavoy 5″ each on the 18th, Pachmarhi 14″ on the 22nd, Bhopal 12″, Guna 7″ and Hoshangabad 8″ in 48 hours ending at 8 hrs. on the 24th, Mainpuri and Delhi 6″ each on the 23rd, Meerut 4″ on the 23rd and 3″ on the next day and Roorkee 7″, Mukteswar 6″ and Simla, Dharampore and Mussooree 4″ each on the 24th. The monsoon was also active on the west coast of the Peninsula in the third week of the month. After the 25th, the monsoon gradually withdrew from the north and central India. On the last four days of the month, the rainfall was confined to east Bengal, Assam and Burma and the west of the Peninsula and was mainly due to the activity of thunderstorms.

2. A western disturbance passed eastwards through Kashmir and caused local thundershowers in the North-West Frontier Province on the 21st.

3. The month's rainfall was in large excess in the Bay Islands, the west United Provinces, the east and north Punjab and west Central India, in slight to moderate excess in Assam, Orissa, east Central India, the west and east Central Provinces, the Konkan and Malabar and normal in Burma, Chota Nagpur and north Hyderabad; it was in slight to moderate defect in Bengal, Bihar, the east United Provinces, Gujarat, Berar, the Bombay Deccan, south Hyderabad, southeast Madras, the Madras Deccan and the north Madras coast and in large defect elsewhere. Averaged over the plains of India, the month's total rainfall was in excess by 2 per cent.

4. Day temperatures were above normal in the plains of northwest India and in central India and the United Provinces on the first three days of the month. The month's mean maximum temperature was above normal in the southwest Punjab, the North-West Frontier Province and Rajputana and below it in the Madras Deccan.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was in excess in the Bay Islands and normal in Burma. Humidity was in defect in the Bay Islands.

Northeast India, including Orissa.—The total rainfall during the month was in slight excess in Assam and Orissa, normal in Chota Nagpur and in slight to moderate defect elsewhere. Cloud amount was more than normal in Orissa and Bihar.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in moderate defect in the east United Provinces, in slight defect in Berar, in slight excess in east Central India and the west Central Provinces and in moderate to large excess elsewhere. Cloud amount was more than normal in the United Provinces and humidity in defect in west Central India.

Northwest India.—The total rainfall during the month was in large excess in the east and north Punjab and in moderate to large defect elsewhere. Cloud amount was below normal in the southwest Punjab, Kashmir, the North-West Frontier Province, Baluchistan and west Rajputana and above normal in Sind. Humidity was in defect in the east and north Punjab and Rajputana. Maximum temperature was above normal in the southwest Punjab, the North-West Frontier Province and Rajputana.

The Peninsula.—The month's total rainfall was in moderate excess in the Konkan and Malabar, normal in north Hyderabad, in slight defect in the Bombay Deccan and south Hyderabad and in moderate to large defect elsewhere. Cloud amount was normal. Humidity was in defect in southeast Madras and maximum temperature below normal in the Madras Deccan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:

The 8th October 1932.

C. W. B. NORMAND,

Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	15·97	15·19	+0·78	+ 5	−0·4	+ 0·5	− 1	+0·7
2. Assam ...	12·62	11·37	+1·25	+ 11	−0·1	+ 0·5	+ 1	+1·1
3. Bengal ...	8·36	11·52	−3·16	− 27	+0·7	+ 0·8	0	+0·7
4. Bihar and Orissa ...	8·26	8·60	−0·34	− 4	+0·3	+ 0·5	0	+1·3
5. United Provinces ...	10·48	6·72	+3·76	+ 56	−0·1	+ 0·9	+ 1	+1·2
6. Punjab ...	3·55	2·33	+1·22	+ 52	+2·1	+ 1·0	− 5	−0·5
7. North-West Frontier Province.	0·27	0·68	−0·41	− 60	+3·2	+ 1·3	+ 1	−1·1
8. Sind ...	0	0·41	−0·41	−100	+0·1	+ 0·7	0	+1·3
Division—*contd.*								
9. Rajputana ...	0·97	3·05	−2·08	− 68	+3·2	+ 1·5	− 9	−0·4
10. Bombay ...	5·31	5·66	−0·35	− 6	+0·9	+ 0·6	− 1	+0·1
11. Central India ...	8·45	6·03	+2·42	+ 40	+1·5	+ 0·7	− 3	0
12. Central Provinces ...	9·44	7·65	+1·49	+ 19	−0·1	+ 0·6	+ 1	+0·1
13. Hyderabad ...	6·71	7·57	−0·86	− 11	−0·1	0	+ 3	+0·1
14. Mysore ...	2·59	5·48	−2·89	− 53	−0·4	+ 0·4	0	−0·1
15. Madras ...	4·56	5·70	−1·14	− 20	−0·4	+ 0·6	− 3	+0·4
Mean of India ...	7·53	7·38	+0·15	+ 2	+0·6	+ 0·7	− 1	+0·4
Sub-division								
1. Bay Islands ...	33·20	18·07	+15·13	+ 84	−1·3	− 0·3	− 9	+0·8
2. Lower Burma ...	22·51	20·58	+1·93	+ 9	−0·7	+ 0·2	− 1	+0·9
3. Upper Burma ...	7·56	7·48	+0·08	+ 1	−0·1	+ 1·0	− 1	+0·5
4. Assam ...	12·62	11·37	+1·25	+ 11	−0·1	+ 0·5	+ 1	+1·1
5. Bengal ...	8·36	11·52	−3·16	− 27	+0·7	+ 0·8	0	+0·7
6. Orissa ...	9·90	8·94	+0·96	+ 11	−0·1	+ 0·5	0	+1·7
7. Chota Nagpur ...	8·75	8·27	+0·48	+ 6	−0·2	+ 0·7	− 1	+0·9
8. Bihar ...	7·35	8·56	−1·21	− 14	+1·0	+ 0·3	0	+1·1
9. United Provinces, East	4·79	7·23	−2·44	− 34	+0·7	+ 1·4	− 1	+1·2
10. Do. do. West.	16·17	6·27	+9·90	+158	−0·9	+ 0·5	+ 2	+1·1
11. Punjab, East and North	6·26	3·60	+2·66	+ 74	+1·4	+ 1·0	− 7	−0·3
12. Do. Southwest ...	0·39	0·86	−0·47	− 55	+3·1	+ 1·0	− 3	−1·1
13. Kashmir ...	0·09	1·44	−1·35	− 94	+1·6	+ 0·4	+ 1	−1·1
14. North-West Frontier Province.	0·27	0·68	−0·41	− 60	+3·2	+ 1·3	+ 1	−1·1
15. Baluchistan ...	0	0·28	−0·28	−100	−0·3	+ 1·3	+ 1	−0·3
16. Sind ...	0	0·41	−0·41	−100	+0·1	+ 0·7	0	+1·3
17. Rajputana, West ...	0·01	1·97	−1·96	− 99	+4·0	+ 1·7	− 7	−0·9
Sub-division—*contd.*								
18. Rajputana, East ...	1·45	3·59	−2·14	− 60	+2·6	+ 1·5	−10	0
19. Gujarat ...	1·63	3·19	−1·56	− 49	+1·5	+ 0·9	− 3	0
20. Central India, West ...	9·72	5·69	+4·03	+ 71	+1·2	+ 1·1	− 5	−0·5
21. Do. do. East ...	7·19	6·37	+0·82	+ 13	+1·8	+ 0·2	0	+0·5
22. Berar ...	5·01	5·95	−0·94	− 16	+0·1	+ 1·1	− 1	−0·9
23. Central Provinces, West.	9·27	7·71	+1·56	+ 20	−0·1	+ 0·5	+ 1	+0·1
24. Do. do. East.	11·01	8·43	+2·58	+ 31	−0·1	+ 0·6	+ 3	+0·5
25. Konkan ...	15·66	11·54	+4·12	+ 36	+0·8	+ 0·6	0	−0·4
26. Bombay Deccan ...	5·06	6·01	−0·95	− 16	+0·1	+ 0·3	+ 1	+0·4
27. Hyderabad, North ...	8·08	8·14	−0·06	− 1	+0·2	+ 0·5	+ 3	+0·5
28. Do. South ...	5·69	7·13	−1·44	− 20	−0·3	− 0·3	+ 2	−0·1
29. Mysore ...	2·59	5·48	−2·89	− 53	−0·4	+ 0·4	0	−0·1
30. Malabar ...	11·33	7·82	+3·51	+ 45	−0·8	+ 0·6	+ 1	+0·3
31. Madras, Southeast ...	2·59	4·26	−1·67	− 39	0	+ 1·0	− 6	+0·9
32. Do. Deccan ...	3·93	6·20	−2·27	− 37	−2·0	− 0·3	− 1	−0·3
33. Do. Coast, North...	3·76	6·35	−2·59	− 41	0	+ 0·4	− 3	+0·1

STATION.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·724	– ·023	S 80 W	6·8	79·1	74·8	83·6	– 1·3	88	19	76·3	–0·3	73	12	86	– 9	8·5	33·20	+15·13	21	+ 1·0	5·10	6
Lower Burma																							
Victoria Point ...	29·694	– ·001	S 17 W	6·9	78·6	75·8	82·6	– 0·4	85	22, 30	74·5	+0·3	73	8 days	86	– 3	9·0	27·73	+ 1·51	26	+ 3·8	3·24	4
Mergui ...	29·741	– ·029	S 18 E	...	76·2	75·5	82·2	– 2·2	88	21	73·6	+0·8	72	4 days	92	+ 4	5·1	25·24	– 1·19	26	+ 3·1	2·52	11
Tavoy ...	29·794	– ·021	S 34 E	2·5	76·8	75·3	83·0	– 1·2	90	30	73·5	–0·7	70	8	93	0	9·0	37·77	+ 4·71	25	+ 2·4	5·47	19
Amherst ...	29·720	...	S 30 W	8·3	78·7	76·5	83·1	...	87	28	75·1	...	73	3, 10, 20	91	...	9·0	37·77	...	22	...	6·79	8
Rangoon ...	29·750	– ·028	S 6 W	2·9	79·7	77·3	85·9	0	90	30	76·4	+0·4	73	25	89	– 3	9·2	11·92	– 3·35	18	– 1·7	2·79	16
Bassein ...	29·735	– ·024	S 8 W	3·3	79·9	77·5	87·2	+ 1·4	93	30	75·7	–0·4	74	3, 8, 21	89	– 4	8·5	14·62	– 1·18	21	+ 1·0	1·64	3
Diamond Island ...	29·705	– ·036	S 47 W	7·2	80·6	77·7	83·8	– 0·9	87	29, 30	76·9	+0·4	74	8	87	+ 1	8·0	23·42	+ 5·44	21	+ 3·3	3·90	1
Gwa ...	29·738	...	S 30 E	3·0	80·2	78·3	85·3	...	88	1, 4, 15	75·4	...	74	11, 13, 26	91	...	7·9	26·07	...	22	...	5·57	7
Toungoo ...	29·608	– ·021	S 29 E	4·0	79·0	76·9	88·6	– 0·4	91	6 days	76·0	+0·8	73	22	91	+ 1	8·7	13·88	+ 1·80	16	– 1·6	4·03	22
Kyaukpyu ...	29·705	– ·033	S 49 E	3·6	80·4	77·7	85·2	– 0·8	88	29	76·9	+0·2	74	3	89	0	7·4	21·58	+ 3·08	23	+ 3·3	1·93	3
Akyab [b] ...	29·696	– ·039	S 75 E	7·1	80·6	78·1	84·6	– 1·8	87	30	77·0	–0·4	75	4	89	– 4	8·6	27·00	+ 4·43	23	+ 3·9	4·70	12
Upper Burma																							
Minbu ...	29·552	– ·048	S 38 E	4·1	81·6	77·3	91·0	+ 0·7	94	19, 25, 30	77·6	+0·9	75	22, 28	81	– 4	4·7	6·89	+ 0·69	8	– 1·6	1·88	1
Yamethin [b] ...	29·101	– ·028	S 5 E	4·3	79·6	76·0	91·1	+ 0·5	98	9	74·9	+0·2	73	14, 22	84	– 3	6·2	3·65	– 3·51	4	– 6·6	1·84	25
Mandalay ...	29·476	– ·047	S 19 E	3·3	82·5	78·4	93·3	+ 0·2	97	25	78·9	+1·8	76	26	83	+ 1	6·4	2·27	– 3·47	6	– 2·6	0·83	20
Monywa ...	29·454	– ·036	S 48 E	1·9	82·0	78·0	93·3	+ 1·2	97	1, 26	78·5	+0·7	75	14	83	– 3	6·8	3·45	– 2·42	6	– 1·9	1·29	14
Lashio ...	27·001	– ·013	N	2·3	72·6	71·1	82·9	– 0·8	88	25	69·4	+1·4	66	23, 29	93	+ 2	8·8	10·64	+ 2·80	17	+ 3·3	2·51	1
Bhamo ...	29·340	– ·037	N 21 W	2·1	78·0	76·3	87·9	– 1·8	94	26	75·4	+1·3	71	30	93	+ 1	8·9	17·54	+ 7·65	17	+ 4·1	3·16	5
Myitkyina ...	29·753	– ·023	E	1·8	78·2	76·2	87·8	– 0·8	95	14	75·2	+0·5	73	23, 28	91	0	9·0	8·45	– 1·23	16	+ 3·4	1·80	16
Assam																							
Dibrugarh ...	29·348	– ·054	E	3·0	77·7	75·9	86·3	– 0·2	94	2	74·7	0	72	4 days	91	– 1	6·2	12·56	+ 0·38	19	+ 4·7	1·77	6
Sibsagar ...	29·383	– ·047	N 38 E	...	79·2	77·7	88·3	+ 0·7	94	2	76·3	+0·1	73	6, 7	93	0	9·6	14·77	+ 3·07	14	– 0·6	3·70	13
Tezpur ...	29·452	– ·039	E	1·5	79·7	78·0	88·4	– 0·2	94	2	76·5	0	74	8	93	+ 2	8·6	11·08	+ 2·90	19	+ 6·9	3·70	8
Gauhati ...	29·493	– ·058	S 79 E	2·1	80·5	78·5	89·4	– 0·1	93	1, 22	77·6	+1·2	76	4	91	+ 4	7·9	6·77	– 0·05	8	– 2·3	1·59	15
Dhubri ...	29·569	– ·050	N 66 E	3·9	80·4	78·6	86·0	+ 0·5	90	2	77·6	+0·4	74	18	91	0	6·1	13·20	– 1·27	11	– 1·8	3·90	27
Silchar ...	29·627	– ·029	N 68 E	1·3	80·3	78·3	89·2	– 0·6	94	21	76·6	+0·4	75	7 days	91	+ 1	9·1	20·00	+ 5·59	17	+ 1·7	3·85	9
Srimangal ...	29·641	– ·043	S 86 E	...	80·4	78·2	90·0	– 0·8	93	6, 8, 26	76·6	+1·6	75	4 days	91	+ 3	7·5	9·99	– 1·85	23	+ 6·8	2·53	1
Bengal																							
Cox's Bazar ...	29·666	– ·040	S 55 E	2·7	81·3	78·1	86·3	– 0·2	89	20, 24, 26	76·2	+0·4	75	7, 26, 28	87	– 2	8·2	8·73	– 4·81	16	+ 1·9	1·80	7
Chittagong ...	29·612	– ·044	S 48 E	7·0	80·7	77·1	87·8	+ 0·9	92	26	77·3	+1·0	74	26	85	– 4	7·3	8·28	– 3·65	14	+ 1·2	1·93	26
Noakhali ...	29·650	– ·064	S 43 E	5·4	81·9	79·3	87·3	+ 0·7	92	26	78·9	+1·4	74	27	89	– 1	7·3	8·85	– 7·75	15	– 0·9	1·33	22
*Comilla ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·69	– 7·24	8	– 5·5	0·81	18
Narayanganj ...	29·648	– ·053	S 20 E	4·5	82·7	79·2	88·8	+ 0·4	93	26	79·1	+0·4	74	26	85	– 2	8·0	8·46	– 1·17	16	+ 4·0	2·00	3
Mymensingh ...	29·631	– ·041	S 59 E	1·9	81·8	79·2	88·1	+ 0·4	92	26	78·0	+0·2	75	1, 2, 27	89	– 1	8·4	9·63	– 4·71	16	+ 1·0	1·45	4
*Faridpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·80	– 4·49	14	+ 1·8	0·86	19
Barisal ...	29·656	– ·046	S 41 E	3·5	82·7	79·5	87·8	– 0·2	91	4 days	78·5	+0·5	74	11	87	– 1	6·9	7·65	– 3·50	16	+ 1·3	1·51	27
Khulna ...	29·652	– ·053	S 55 E	4·0	83·2	79·9	88·7	+ 0·4	93	1	79·1	+1·4	76	3	85	0	8·7	9·78	+ 2·04	17	+ 4·8	1·57	21
Jessore ...	29·639	– ·042	S 31 E	3·4	83·2	80·6	89·0	...	94	26	78·0	...	75	28	89	+ 1	6·1	5·88	– 2·67	14	+ 2·2	0·79	3
Satkhira ...	29·637	– ·075	S 23 E	2·4	83·0	80·4	89·6	+ 0·7	94	1, 26	78·7	+0·9	77	4 days	89	+ 2	7·0	5·55	– 3·36	15	+ 1·2	0·98	10
Calcutta ...	29·623	– ·055	S 36 E	2·7	82·0	79·9	89·2	– 1·0	92	1	79·2	+1·1	75	23	91	+ 4	7·3	10·33	+ 0·46	18	+ 4·8	1·44	26
Saugor Island ...	29·618	– ·064	S 14 W	9·4	83·3	79·8	86·4	– 1·7	89	26	80·3	+0·8	77	10, 20	85	– 2	8·4	5·58	– 5·18	13	0	1·02	4
Sandheads ...	29·605	– ·083	S 36 W	...	83·5	79·8	...	...	...	...	...	...	...	...	85	0	6·6	3·78	– 0·73	10	+ 2·0	1·04	11
Midnapore ...	29·490	– ·053	S 5 E	2·9	82·7	80·0	89·9	+ 0·2	94	1	78·5	+0·6	75	19	89	+ 3	6·3	11·27	+ 2·52	15	+ 2·8	1·83	24
Burdwan ...	29·537	– ·065	S 28 E	2·6	82·3	80·2	91·3	+ 1·6	94	7 days	79·1	+0·4	76	13	91	+ 4	5·5	6·46	– 2·14	9	– 2·3	2·55	13
Krishnagar ...	29·601	...	S 32 E	2·7	83·0	80·3	91·3	...	95	4 days	78·1	...	76	3, 19, 27	89	...	9·1	6·71	– 1·32	12	+ 0·9	1·55	23
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·46	– 2·28	13	+ 1·5	1·85	19
Asansol ...	29·217	– ·057	S 72 E	4·0	82·2	78·7	90·6	+ 1·2	97	1	78·0	+1·1	75	18	85	– 3	5·6	5·34	– 4·08	14	+ 4·0	1·17	5
Berhampore ...	29·596	– ·044	S 33 E	3·2	83·8	80·7	92·9	+ 3·9	98	27	78·9	+0·3	77	23, 27	87	– 2	6·8	5·66	– 4·46	10	– 2·0	2·65	27
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·85	– 6·19	13	+ 0·8	0·75	29
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·02	– 4·69	12	+ 0·4	0·79	9
Bogra ...	29·614	– ·041	S 34 E	2·7	83·4	80·3	89·6	+ 1·0	95	26	78·9	+1·2	76	27, 29	87	– 1	6·9	7·06	– 4·61	12	– 0·8	1·54	19
Malda ...	29·558	...	S 55 E	4·3	83·0	80·0	90·2	..	95	26	79·0	...	75	18	87	...	7·0	8·60	– 2·19	14	+ 2·8	1·50	18
Dinajpur ...	29·540	– ·050	S 65 E	2·0	82·2	79·3	89·6	+ 1·0	94	26	78·8	+1·0	76	2, 3, 18	87	– 2	6·6	11·05	– 1·25	10	– 2·5	5·12	2
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·37	– 6·37	9	– 4·1	1·14	29
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21·50	– 4·90	16	+ 0·2	3·26	4
Jalpaiguri ...	29·424	– ·031	S 82 E	2·1	81·3	79·1	89·7	+ 1·8	95	2	76·6	+0·9	73	23	91	0	6·5	22·83	+ 2·89	18	+ 2·3	5·70	15

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *g*—Mean of 24 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore ...	29·561	−·062	S 17 W	4·0	83·1	80·0	87·0	− 1·9	95	18	79·1	+ 1·3	75	19	87	0	9·3	7·59	− 4·13	10	− 3·1	1·89	21
Chandbali ...	29·613	...	S 66 W	5·6	83·0	79·5	88·8	...	93	4 days	78·2	...	75	21	85	...	5·4	9·45	...	12	...	2·02	19
Puri ...	29·611	−·060	S 72 W	10·9	83·5	79·7	88·5	− 0·4	93	13	79·6	− 0·1	75	20	83	− 1	7·9	15·16	+ 6·33	13	+ 1·5	5·24	4
Cuttack ...	29·558	−·047	S 74 W	2·6	82·5	79·6	90·1	+ 0·3	96	11	78·1	0	75	10	85	+ 2	7·1	7·87	− 1·70	12	− 0·3	1·37	10
Angul ...	29·184	−·052	N 67 W	3·5	80·4	77·6	89·4	+ 0·6	94	18	77·3	+ 1·0	74	19, 27	87	+ 2	6·6	7·78	+ 1·70	15	+ 4·5	2·12	21
Sambalpur ...	29·152	−·062	S 18 E	3·4	81·1	77·3	89·8	+ 1·0	95	2	77·4	+ 0·4	73	18	83	− 1	6·7	11·11	+ 2·60	11	− 0·3	2·73	21
Chota Nagpur																							
Jamshedpur ...	29·199	...	S 45 W	3·0	80·9	77·8	90·8	...	96	1	78·0	...	75	12	87	...	7·0	7·90	...	12	...	2·48	21
Chaibasa ...	28·899	−·049	S 34 W	1·8	81·4	77·4	89·4	− 0·1	94	30	76·7	+ 0·7	75	4 days	83	− 2	7·2	6·62	− 1·43	14	+ 2·6	2·00	21
Ranchi ...	27·514	−·043	N 56 W	3·4	76·5	73·4	84·2	+ 0·1	90	1	71·7	− 0·3	69	27, 28	86	+ 2	7·1	12·69	+ 3·55	14	+ 2·1	3·25	21
Hazaribagh ...	27·658	...	S 69 W	6·2	77·5	73·8	85·2	...	92	1	72·8	...	70	28, 29, 30	84	...	7·0	9·89	+ 0·71	15	+ 3·2	1·99	3
Daltonganj ...	28·911	−·045	S	3·6	81·3	76·7	89·6	− 0·6	97	1	76·9	+ 1·8	74	28	81	− 3	4·5	5·78	− 0·91	12	+ 3·1	1·81	21
Bihar																							
Purnea ...	29·581	−·055	E	3·2	82·6	79·6	90·8	+ 1·9	98	1	77·5	0	70	3	87	− 3	6·0	10·12	− 2·32	16	+ 4·8	2·56	12
Darbhanga ...	29·479	−·054	S 87 E	7·7	82·4	79·6	88·4	− 0·3	96	1	77·8	− 0·6	74	20	87	+ 1	7·2	10·44	+ 1·48	14	+ 4·9	4·46	2
*Muzaffarpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·92	+ 0·38	11	+ 2·1	1·30	2
Motihari ...	29·415	−·059	S 87 E	4·4	82·4	79·0	90·5	+ 0·9	96	1	77·7	+ 0·8	71	20	85	− 2	6·2	6·69	− 2·59	11	+ 1·9	1·22	18
*Chapra ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·53	− 2·90	8	− 0·8	1·78	3
Patna ...	29·462	−·047	S 60 E	4·0	83·3	79·6	90·4	+ 0·9	97	1	79·5	+ 0·7	76	3	85	+ 2	7·2	12·38	+ 4·05	13	+ 3·8	6·43	3
*Arrah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·93	− 0·04	10	+ 0·6	4·21	10
*Dehri ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·56	− 3·32	9	+ 0·2	0·43	14
Gaya ...	29·267	−·047	S	3·3	83·2	78·2	92·4	+ 1·6	100	1, 2	78·1	+ 0·3	75	3, 21	79	− 2	5·4	4·12	− 3·82	12	+ 2·7	0·65	7
Naya Dumka ...	29·158	−·017	S 56 E	2·7	81·8	78·6	89·8	+ 0·8	94	1	77·2	+ 0·7	75	20, 28	87	+ 2	6·4	10·61	+ 1·05	17	+ 4·5	1·40	10
Sabour[b] ...	29·521	...	S 55 E	4·9	82·7	79·8	90·7	...	97	1	78·9	...	76	18, 19	87	...	6·5	2·50	− 6·89	8	− 1·5	0·90	11
United Provinces, East																							
Gorakhpur ...	29·381	−·052	N 88 E	3·2	81·9	78·9	91·0	+ 0·7	99	1, 2	78·7	+ 1·0	72	19	87	+ 3	6·6	7·91	− 0·16	8	− 0·9	2·14	15
Benares ...	29·371	−·061	S 26 E	3·8	83·4	78·1	92·7	+ 1·8	100	1, 2	78·7	+ 1·6	75	28	77	− 6	6·4	4·33	− 2·79	7	− 1·7	1·55	22
Allahabad ...	29·307	−·067	S 7 W	4·8	82·8	78·0	91·8	+ 0·3	100	1, 2	77·6	+ 0·7	74	29	79	− 1	5·2	3·79	− 1·88	7	− 0·7	1·01	6
Fatehpur ...	29·236	...	S	3·0	84·2	78·6	91·6	...	101	2	77·1	...	72	29	77	...	4·4	2·26	...	6	...	0·60	4
Cawnpore ...	29·188	−·078	S 34 E	2·2	82·8	77·8	92·5	+ 0·4	104	2	78·5	+ 1·8	75	4 days	79	− 1	3·7	4·04	− 2·70	7	+ 0·1	2·11	6
Lucknow ...	29·246	−·068	S 77 E	3·4	82·3	78·1	93·3	+ 1·5	102	1, 2	78·0	+ 1·6	75	28, 30	83	+ 2	5·4	1·98	− 5·09	5	− 2·8	0·75	24
Bahraich ...	29·204	−·070	S 80 E	4·6	82·9	71·1	90·6	− 0·5	98	2	78·3	+ 1·8	74	25	79	− 2	5·2	6·70	− 2·02	8	+ 1·1	2·54	13
Gonda ...	29·285	...	S 72 E	3·8	81·4	78·5	91·4	...	100	2	78·1	...	73	19	87	...	5·7	8·06	...	10	...	3·04	13
United Provinces, West																							
Jhansi ...	28·780	−·098	S 86 W	1·8	81·2	76·4	90·9	− 0·9	103	2, 3	75·7	− 0·3	70	10	78	+ 3	5·1	16·88	+ 10·96	12	+ 4·9	5·29	9
Agra ...	29·046	−·087	N 55 W	4·2	80·9	76·3	92·4	− 0·7	103	3	75·5	− 0·1	70	10, 11	80	0	4·2	6·82	+ 2·77	7	+ 1·6	3·17	10
Mainpuri ...	29·076	−·087	N 71 E	6·4	82·6	78·0	92·6	− 0·8	103	1, 2	76·8	+ 0·8	73	6 days	81	+ 3	4·8	14·64	+ 10·23	9	+ 3·1	5·67	24
Aligarh ...	29·023	...	N 16 E	3·9	81·3	77·2	91·9	...	102	2, 3	76·8	...	70	24, 27	83	...	4·4	5·96	...	8	...	1·65	11
Bareilly ...	29·064	−·047	N 81 E	2·5	81·8	77·8	91·3	+ 0·5	101	2	76·7	+ 1·0	71	24	83	+ 1	4·8	10·50	+ 3·03	8	+ 1·4	1·73	10
*Meerut ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13·35	+ 7·28	9	+ 4·0	3·61	24
Roorkee ...	28·734	−·057	S 49 E	2·3	78·8	75·2	87·8	− 2·8	97	3	74·1	+ 1·0	68	24, 25	84	+ 3	5·1	19·87	+ 13·60	10	+ 4·3	6·61	25
Dehra Dun ...	27·439	−·050	N 32 E	1·1	73·6	70·5	84·2	− 0·4	91	1, 2, 3	70·3	+ 0·4	64	25	86	+ 3	5·3	14·98	+ 5·26	12	+ 1·3	3·82	25
Punjab, East and North																							
Delhi ...	28·905	−·060	N 88 W	3·2	81·2	75·3	92·0	...	103	3	75·3	...	67	24	74	...	4·3	12·91	+ 8·13	6	+ 1·5	6·26	24
Hissar ...	28·907	−·050	S 8 E	3·6	83·5	74·2	97·9	0	106	2, 3	74·4	− 1·3	68	22	62	− 4	1·7	0·46	− 1·90	2	− 1·0	0·22	7
Ambala ...	28·750	−·040	S 85 E	2·6	79·0	75·1	91·1	− 2·4	102	3	74·4	+ 0·7	67	25, 26	82	+ 3	4·3	23·90	+ 19·30	11	+ 6·4	8·33	8
Ludhiana ...	28·821	−·050	S 29 E	1·6	82·7	74·4	96·7	+ 2·4	103	1, 2, 3	74·6	− 0·6	66	30	65	− 9	2·0	3·59	− 0·65	2	− 1·9	3·45	7
Lahore ...	28·918	−·052	S 12 E	1·5	84·0	75·0	100·2	+ 2·3	106	3	74·9	+ 1·1	67	29	64	− 6	0·2	0·40	− 1·96	2	− 0·6	0·24	26
Sialkot ...	28·797	−·052	N 88 E	1·3	81·0	74·7	96·9	+ 2·0	101	17, 18	75·6	+ 1·8	67	30	73	0	0·6	1·50	− 1·87	3	− 0·6	1·12	7
Rawalpindi ...	27·974	−·058	N 56 E	1·3	82·9	69·0	97·6	+ 4·2	101	6 days	73·5	+ 4·4	64	24	47	−22	1·7	1·06	− 2·40	3	− 1·4	0·59	9

* Reports only rainfall. *b*—Mean of 29 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	28·992	− ·072	N 78 E	4·2	85·6	74·2	101·2	+ 2·4	106	4	77·4	+ 1·3	71	29	56	− 5	0·5	1·90	+ 0·59	1	− 1·0	1·90	9
Lyallpur ...	29·021	− ·040	S 17 E	2·8	85·5	73·8	101·4	+ 4·0	107	3	76·4	+ 2·0	69	28, 29	56	− 9	0·2	0	− 1·69	0	− 1·8	0	...
Montgomery ...	29·049	− ·059	S 1 E	3·1	84·0	73·4	101·7	+ 1·8	107	2, 3	76·1	+ 0·3	69	28, 30	58	+ 1	0·5	0	− 1·53	0	− 1·8	0	...
Multan ...	29·161	− ·063	S 2 W	3·1	86·4	77·9	104·6	+ 4·2	111	4	78·0	+ 0·3	73	27, 30	67	+ 2	0·5	0·46	+ 0·05	1	+ 0·3	0·46	7
Bahawalpur ...	29·221	...	S 42 W	4·4	86·5	75·2	102·3	...	107	4, 5	76·3	...	67	29	56	...	0·2	0	− 0·10	0	0	0	...
Khanpur ...	29·331	...	S 39 W	6·2	84·0	74·3	101·2	...	110	6, 7, 14	76·8	...	64	30	62	...	0·2	0	− 0·12	0	− 0·5	0	...
Kashmir																							
Srinagar[c] ...	24·768	− ·043	S 51 E	2·4	62·1	57·6	88·8	+ 5·5	92	4, 16	52·3	− 1·4	46	24, 26	76	− 14	0·6	0·01	− 1·59	0	− 3·8	0·01	6
Gulmarg ...	21·833	− ·008	N 37 E	3·2	59·8	52·2	68·0	+ 4·3	72	15, 16	42·1	− 0·8	36	24	61	− 15	1·6	0·14	− 2·63	1	− 4·6	0·12	23
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	− 3·09	1	− 6·5	0·20	10
Dras ...	20·779	− ·002	Calm	6·6	49·2	43·8	69·2	0	74	4	41·5	+ 1·4	36	23, 30	68	+ 5	1·5	0·05	− 0·86	0	− 1·6	0·05	7
Leh ...	19·684	− ·023	S	2·9	50·0	40·9	71·0	+ 0·9	76	21, 22	41·9	+ 0·2	37	23, 24	49	− 1	3·2	0	− 0·26	0	− 0·7	0	...
Skardu ...	22·761	− ·040	S 46 E	6·7	63·8	58·4	81·1	+ 2·9	88	1	56·4	+ 2·6	48	25	72	+ 15	2·3	0	− 0·72	0	− 1·2	0	...
Gilgit ...	...	...	W	1·3	69·6	62·8	83·5	− 3·8	89	4, 6, 7	64·1	+ 0·5	54	23	67	+ 15	3·6	0·06	− 0·31	0	− 1·2	0·04	23
North-West Frontier Province																							
Peshawar[f] ...	28·467	− ·072	N 24 W	2·8	81·8	70·2	98·6	+ 3·8	103	17	73·3	+ 1·9	66	30	55	+ 7	0·5	0·26	− 0·55	1	− 0·6	0·26	22
Miranshah ...	26·701	...	N 87 W	6·5	82·7	64·5	93·8	...	98	4	72·2	...	62	25	35	...	0	0·32	...	2	...	0·18	25
Dera Ismail Khan ...	29·032	− ·053	N 65 E	1·7	85·7	76·9	102·2	+ 2·6	107	4	75·9	+ 0·6	67	28, 30	65	− 4	0·2	0·27	− 0·28	1	+ 0·1	0·27	9
†Baluchistan																							
Fort Sandeman ...	25·266	− ·040	Calm	3·0	70·6	55·5	93·1	+ 0·3	98	1	...	...	...	...	35	− 18	0·1	0	− 0·43	0	− 1·0	0	...
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·15	0	− 1·9	0	...
Quetta ...	24·600	− ·040	S	3·1	59·8	46·9	87·5	+ 1·7	94	6	52·3	− 1·8	45	27, 28	32	+ 9	0	0	− 0·07	0	− 0·2	0	...
Chaman ...	25·563	− ·029	S 43 E	3·6	72·5	54·7	...	...	...	...	65·0	+ 1·8	58	27	23	− 2	0	0	0	0	0	0	...
Kalat ...	23·678	− ·014	S 14 W	5·5	52·7	46·6	82·2	− 2·3	89	6	46·1	+ 4·4	40	28, 29	65	+ 21	0·1	0	− 0·05	0	− 0·1	0	...
Dalbandin ...	26·911	− ·070	W	1·7	68·7	51·9	98·5	− 1·1	106	7	62·7	+ 1·0	54	24	25	− 5	0·7	0	0	0	0	0	...
Las Bela ...	29·398	...	S 20 E	3·1	81·5	75·8	98·0	...	106	5	74·4	...	67	28	77	...	4·4	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·391	− ·079	S 35 E	1·7	84·8	76·2	102·6	− 1·0	111	5	77·6	+ 1·1	71	28, 29	66	− 4	0	0	− 0·21	0	− 0·4	0	...
Sukkur ...	29·386	...	S 18 E	3·9	81·4	74·7	101·5	...	109	6	78·3	...	73	21	73	...	0	0·15	...	1	...	0·15	25
Chhor ...	29·629	...	S 29 W	7·6	82·0	76·0	97·8	...	108	5	74·6	...	70	28	75	...	2·8	0	...	0	...	0	...
Hyderabad ...	29·550	− ·039	S 41 W	10·1	82·9	75·5	98·9	+ 1·7	109	5	76·6	+ 0·4	72	29, 30	69	...	3·8	0	− 0·60	0	− 0·8	0	...
Karachi ..	29·673	− ·045	S 75 W	10·8	79·9	76·7	85·5	− 0·3	87	16	77·2	+ 0·6	75	7, 9	87	+ 4	7·0	0	− 0·42	0	− 0·6	0	...
Badin ...	29·628	...	S 57 W	10·1	81·9	75·8	95·0	...	103	5	73·0	...	74	29	75	...	4·2	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	28·899	− ·020	S 61 W	4·7	82·8	71·1	103·2	+ 5·0	109	3, 4	80·1	+ 1·5	74	24	54	− 11	0·7	0	− 1·47	0	− 2·2	0	...
Jodhpur ...	28·884	− ·058	S 74 W	5·6	82·8	73·9	97·8	+ 3·0	106	4	77·3	+ 1·8	72	21	64	− 4	3·5	0·02	− 2·44	0	− 2·8	0·02	25
Barmer ...	29·069	...	S 88 W	5·3	81·7	76·2	98·3	...	105	5	76·4	...	73	4 days	77	...	2·6	0	...	0	...	0	...
Rajputana, East																							
Jaipur ...	28·246	− ·049	N 54 W	3·0	83·2	73·3	96·0	+ 2·1	104	3	74·4	+ 0·8	69	25	61	− 8	2·4	0·85	− 2·56	1	− 3·9	0·80	7
Ajmer ...	28·075	− ·049	N 78 W	5·7	81·2	70·9	94·2	+ 3·9	101	4	77·1	+ 2·6	72	24	58	− 17	3·5	0·36	− 2·31	1	− 2·9	0·36	7
Kotah ...	28·811	− ·003	N 53 W	3·7	84·5	74·9	94·4	+ 1·8	102	2, 3	78·0	+ 1·0	74	11, 24	62	− 5	4·5	3·15	− 1·26	4	− 1·5	1·95	7
Jhalrapatan ...	28·603	...	N 76 W	3·8	80·3	75·8	91·6	...	101	2, 3, 4	74·7	...	71	19, 20	81	...	4·5	6·45	...	5	...	2·04	7
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·42	− 2·44	4	− 1·2	0·50	27
Gujarat																							
Deesa ...	29·227	− ·056	N 87 W	2·8	82·5	75·7	96·3	+ 2·9	105	2, 4, 5	74·5	+ 0·4	70	20	71	− 6	4·0	2·16	− 1·38	2	− 1·7	1·12	6
Bhuj ...	29·347	− ·055	S 76 W	6·8	80·5	74·2	93·6	+ 1·6	101	2	76·1	+ 1·4	71	21	72	− 6	3·4	0	− 1·88	0	− 2·2	0	...
Dwarka ...	29·689	− ·042	S 88 W	8·8	80·7	76·3	85·8	+ 0·3	87	5 days	78·4	+ 0·7	77	6 days	80	− 3	5·8	0	− 1·06	0	− 1·9	0	...
Rajkot ...	29·281	− ·048	N 86 W	8·4	80·2	75·1	94·9	+ 3·2	101	1	74·7	+ 2·4	69	20	78	− 2	5·5	0·37	− 3·41	1	− 4·0	0·25	2
Veraval ...	29·732	− ·031	N 77 W	6·3	80·4	77·1	83·9	+ 0·4	90	30	77·0	+ 0·5	74	21, 22	85	− 1	5·4	2·12	− 0·19	4	+ 0·1	1·28	1
Surat[h] ...	29·697	− ·047	S 57 W	4·0	80·2	76·9	90·7	+ 2·0	100	30	76·8	+ 1·1	74	7	85	+ 3	6·9	3·07	− 2·82	6	− 1·1	1·18	6
Bhavnagar ...	29·677	− ·044	N 85 W	3·9	81·5	75·3	93·6	+ 0·6	99	1	75·1	0	72	21	74	− 5	5·6	2·73	− 0·60	5	− 0·6	1·14	4
Ahmadabad ...	29·552	− ·052	N 74 W	3·7	82·2	76·5	93·9	+ 1·0	100	1	76·6	+ 0·5	72	7	77	− 1	4·7	2·59	− 1·14	3	− 1·5	1·51	7
Dohad ...	28·707	...	S 75 W	6·2	78·3	74·7	88·1	...	98	2	73·8	...	70	7	84	...	6·8	5·98	...	5	...	1·83	4

* Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *b*—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *g*—Mean of 24 days. *l*—Mean of 19 days.

STATION.	Pressure. At 8 h., reduced to 32° and stand. and gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	28·061	−·058	S 82 W	7·6	79·6	73·2	90·3	+ 2·2	100	3, 4	72·3	+1·3	69	20, 25	72	− 8	4·1	4·30	− 0·55	4	− 2·4	3·14	7
Indore ...	27·879	−·055	N 61 W	5·2	75·7	71·7	85·6	+ 0·2	94	3	71·1	+1·0	68	8, 20	82	− 2	5·4	15·14	+ 8·61	8	− 0·4	5·01	6
Bhopal ...	28·040	...	N 64 W	5·3	77·3	73·1	86·9	...	97	2, 3	73·3	...	67	24	82	...	5·4	23·42	...	9	...	6·82	24
Guna ...	28·069	...	N 87 W	3·9	77·9	75·5	87·5	...	98	2, 3	72·5	...	68	10	87	...	4·3	18·93	...	9	...	6·90	8
Central India, East																							
Nowgong ...	28·862	−·081	S 41 W	3·9	80·5	76·7	91·2	+ 1·3	102	1, 2, 3	75·3	+0·4	71	24	83	+ 1	6·2	10·25	+ 4·32	9	+ 1·9	3·17	10
Satna ...	28·569	−·072	S 48 W	4·4	80·6	76·0	90·1	+ 2·3	99	2	74·7	0	70	28, 29	81	− 1	5·1	4·12	− 2·69	9	+ 0·2	1·05	23
Umaria ...	29·136	...	S 82 W	4·1	78·6	74·2	87·2	...	94	1, 2, 3	73·3	...	69	26	80	...	5·9	12·60	...	11	...	4·29	22
Berar																							
Akola ...	28·767	−·052	N 81 W	5·8	78·7	73·8	89·4	− 0·1	97	2	73·9	+1·1	71	17, 24	78	0	4·1	6·74	+ 1·05	6	− 1·9	2·47	6
Amraoti ...	28·465	−·056	N 78 W	7·4	77·6	73·2	88·5	+ 0·2	95	28, 29, 30	73·4	+1·2	71	19, 20 24	80	− 1	6·3	3·28	− 2·93	6	− 2·2	1·25	16
Central Provinces, West																							
Khandwa ...	28·644	−·056	S 84 W	6·6	77·8	73·8	88·5	+ 0·2	97	2	73·1	0	70	16, 25	82	+ 1	4·5	6·64	+ 0·67	6	− 1·3	2·20	6
Hoshangabad ...	28·679	−·059	S 49 W	3·4	77·6	74·7	87·3	− 0·9	97	1	73·9	+1·7	69	24	86	+ 5	6·0	11·91	+ 6·53	9	− 0·4	4·12	6
Saugor ...	27·824	−·086	N 79 W	5·7	76·3	73·1	86·0	− 0·5	96	3	70·8	−0·7	66	12, 24	86	+ 5	5·5	8·79	+ 1·85	11	+ 1·8	3·05	23
Jubbulpore ...	28·318	−·057	S 60 W	2·7	77·9	74·1	87·3	+ 0·1	95	2, 3	73·5	+0·7	68	24	82	− 2	6·0	12·04	+ 4·37	9	− 0·7	3·39	5
Seoni ...	27·643	−·055	N 53 W	3·6	78·0	72·8	81·8	− 0·3	91	2	71·3	+1·0	67	23	78	− 3	5·0	10·53	+ 1·49	8	− 3·3	4·28	23
Nagpur ...	28·643	−·056	N 64 W	4·1	78·7	73·5	89·7	+ 0·6	96	30	73·8	0	69	24	78	− 1	5·9	2·69	− 5·56	8	− 2·8	0·64	22
Central Provinces, East																							
Pendra ...	27·615	−·063	N 55 W	4·2	76·1	72·7	83·7	+ 0·4	90	2	71·2	+1·2	68	24	84	+ 3	6·6	7·96	+ 1·80	9	− 0·8	2·17	22
Raipur ...	28·667	−·061	S 72 W	3·7	79·5	76·1	88·0	0	94	1, 2, 30	75·6	+0·7	73	21	84	0	5·6	15·23	+ 7·80	10	− 0·2	3·70	13
Kanker ...	28·354	...	S 75 W	4·5	78·1	74·6	86·0	...	91	2, 29, 30	73·2	...	69	29	85	...	6·5	8·96	...	14	...	1·59	22
Chanda ...	29·043	−·052	S 77 W	4·5	79·9	77·1	88·5	− 0·5	93	2	74·7	+0·3	71	18	87	+ 5	3·8	10·15	+ 0·97	14	+ 3·4	2·06	18
Jagdalpur ...	27·856	−·063	S 81 W	7·6	75·8	73·2	84·8	− 0·4	89	26	71·5	+0·1	69	20, 29	88	+ 2	8·0	10·68	− 0·26	18	+ 4·2	2·25	18
Konkan																							
Bombay ...	29·722	−·047	N 64 W	6·6	80·6	77·3	87·5	+ 2·2	92	30	77·2	+1·7	73	18	85	− 2	6·4	11·13	+ 0·63	11	− 1·7	6·85	5
Ratnagiri ...	29·576	−·031	S 52 W	4·6	80·0	76·0	83·8	− 0·3	89	30	74·9	+0·2	72	24	82	− 4	4·0	20·01	+ 7·93	21	+ 6·1	3·60	2
Marmagao ...	29·614	−·011	S 8 W	8·5	78·1	75·6	82·9	...	85	5 days	74·6	...	70	25	88	...	8·0	11·92	...	20	...	2·94	3
Karwar ...	29·769	−·020	S 62 W	2·3	77·1	75·9	83·4	+ 0·6	86	28, 29	74·1	0	72	26	95	+ 5	6·4	15·83	+ 3·80	23	+ 7·5	3·38	3
Bombay Deccan																							
Malegaon ...	28·300	−·040	S 80 W	3·8	78·5	71·9	89·9	+ 1·2	95	25	70·5	+0·3	65	21	72	− 4	8·1	4·43	− 1·46	6	− 1·6	2·66	26
Ahmadnagar ...	27·601	−·046	N 79 W	3·9	74·6	70·4	85·3	− 0·9	91	27, 30	68·8	+0·9	62	20	81	+ 3	6·3	4·77	− 1·59	9	+ 0·5	1·34	3
Poona ...	27·928	−·036	S 89 W	5·2	75·4	71·3	84·6	0	93	30	69·6	+0·5	65	21	81	0	7·0	4·99	+ 0·15	6	− 1·5	2·00	5
Sholapur ...	28·183	−·031	S 88 W	4·4	76·1	71·7	88·2	+ 1·0	94	27, 30	70·3	−0·5	67	11, 12	80	+ 3	4·6	6·15	− 1·83	8	− 1·0	1·40	3
Miraj ...	27·969	...	N 85 W	7·2	74·3	70·5	83·9	...	92	30	69·0	...	65	20	82	...	7·4	2·53	...	9	...	0·91	1
Bijapur ...	27·822	−·029	S 81 W	6·2	74·3	70·4	86·3	− 0·7	92	29	69·9	+0·1	67	21	81	+ 1	5·7	1·91	− 4·23	6	− 2·9	0·68	16
Belgaum ...	27·245	−·025	S 62 W	3·4	69·7	68·1	79·2	− 0·1	86	30	66·2	+0·7	62	24	92	+ 2	7·4	8·09	+ 3·21	11	+ 1·6	2·13	3
Gadag ...	27·670	...	W	7·5	72·7	69·4	84·3	...	90	27, 30	68·7	...	66	20	83	...	7·0	4·10	...	7	...	2·10	15
Hyderabad, North																							
Aurangabad ...	27·847	−·044	S 84 W	8·2	75·4	70·9	86·6	0	93	28	69·7	+0·7	63	18	80	+ 3	8·0	7·61	+ 1·08	7	− 1·6	3·12	6
*Parbhani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·66	− 3·11	8	− 2·5	1·80	16
Nizamabad ...	28·461	−·031	S 60 W	2·7[c]	77·0	73·3	88·0	+ 0·4	93	27, 29	73·0[b]	+0·4	69	18	84	+ 4	5·2	10·97	+ 1·85	12	+ 2·2	2·94	8
Hyderabad, South																							
Gulbarga ...	28·246	−·028	S 86 W	7·6	76·1	71·4	87·6	− 0·9	92	5 days	71·1	−0·3	68	9, 11, 25	80	+ 1	5·8	6·41	− 1·07	7	− 3·7	1·75	17
Raichur ...	28·461	−·012	S 74 W	8·7	77·0	72·0	88·8	− 0·1	93	11, 30	71·8	−0·7	69	22, 23	78	+ 1	5·1	3·59	− 3·60	7	− 3·3	1·40	15
Hyderabad ...	28·026	−·021	N 84 W	4·6	77·1	72·2	86·5	+ 0·1	93	2	71·2	−1·1	68	17, 18	78	− 3	6·3	6·37	− 0·67	12	+ 2·7	1·50	18
Hanamkonda ...	28·827	−·032	N 82 W	4·8	79·1	74·6	88·4	− 0·2	93	30	75·2	+1·0	72	21	80	+ 9	6·3	6·37	− 0·46	8	− 0·7	1·56	3
Mysore																							
Chitaldrug ...	27·406	−·020	S 61 W	6·9	72·4	68·9	83·1	− 0·8	90	27	68·3	+0·7	66	24	83	+ 1	7·8	2·39	− 2·08	5	− 2·7	0·94	30
Bangalore ...	26·830	−·014	W	6·3	70·4	67·0	82·5	+ 0·2	88	27	65·8	+0·2	63	23, 24	83	− 2	8·6	4·34	− 2·64	7	− 2·4	2·20	29
Mysore ...	27·325	−·018	S 66 W	5·5	71·6	68·0	83·7	− 0·5	89	27	66·7	+0·2	63	23	83	+ 2	6·4	1·04	− 3·94	4	− 4·7	0·21	10, 29
Malabar																							
Mangalore ...	29·763	−·015	S 76 E	4·3	78·1	75·8	83·5	− 1·0	86	28	74·2	+0·1	72	4 days	89	+ 2	7·7	16·40	+ 5·98	22	+ 6·7	1·88	4
Calicut ...	29·823	−·001	N 67 W	3·7	77·5	75·3	82·4	− 1·4	86	4 days	74·4	−0·1	73	5 days	91	+ 1	7·5	14·60	+ 6·87	22	+ 10·6	3·83	2
Cochin ...	29·855	+·003	N 1 E	5·9	79·4	76·0	83·7	− 1·3	86	28, 30	75·7	+1·1	74	6 days	84	− 1	6·9	9·87	+ 0·89	19	+ 5·0	1·28	12
Trivandrum ...	29·638	−·014	N 23 W	6·5	78·7	75·8	83·7	+ 0·6	87	29	76·2	+1·2	74	16	86	+ 3	6·4	4·43	+ 0·29	10	+ 2·3	0·85	2

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *e*—Mean of 26 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 1·30	0	− 1·9	0	...
Pamban ...	29·777	+ ·011	S 19 W	13·1	83·7	78·5	88·7	− 0·6	90	9 days	78·6	+ 0·2	74	17	79	+ 1	4·3	0	− 1·20	0	− 2·1	0	...
Madura ...	29·330	− ·008	N 55 W	5·0	81·7	71·9	95·2	+ 0·3	98	6 days	77·0	+ 1·5	72	11	59	− 10	6·2	0·23	− 4·88	1	− 5·7	0·19	20
Negapatam ...	29·767	+ ·006	S 72 W	5·7	82·5	75·2	93·3	+ 0·7	97	5 days	78·2	+ 1·4	73	28	69	− 7	6·6	3·84	+ 0·07	4	− 2·2	2·20	28
Trichinopoly ...	29·537	− ·010	S 66 W	6·1	82·3	74·0	94·1	− 1·1	98	25	77·1	+ 1·3	73	28	65	− 6	5·1	3·13	− 1·70	3	− 3·4	2·71	28
Coimbatore ...	28·464	− ·010	S 24 W	6·2	77·0	71·6	86·1	− 3·0	89	26,27,30	71·5	+ 0·7	70	4 days	76	− 7	7·3	0·56	− 0·95	1	− 2·4	0·38	21
Salem ...	28·879	− ·012	S 43 W	3·7	77·5	72·4	91·7	+ 0·2	95	25, 26	73·1	+ 0·6	71	28, 29	77	− 3	6·6	4·05	− 2·54	10	+ 1·0	1·62	28
Cuddalore ...	29·746	+ ·002	S 71 W	6·2	82·8	76·6	95·0	+ 2·8	99	17,19,22	77·7	+ 1·3	73	20	75	− 4	7·2	5·97	− 0·09	7	0	2·28	28
Vellore ...	29·048	− ·031	S 84 W	5·1	81·0	73·5	92·8	+ 0·8	99	25	76·2	+ 0·9	73	2, 28	68	− 8	5·3	3·65	− 3·62	5	− 3·8	1·99	28
Madras ...	29·732	− ·019	S 53 W	6·1	82·6	75·8	92·7	0	97	4 days	77·4	+ 0·8	72	2	71	− 7	5·8	4·45	− 0·54	5	− 2·1	2·45	2
Madras, Deccan																							
Cuddapah ...	29·337	− ·019	N 43 W	5·0	81·5	75·5	92·2	− 1·3	96	8 days	76·0	− 0·1	71	5	74	0	6·5	2·81	− 3·46	5	− 3·7	1·67	2
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·93	− 3·35	4	− 3·9	2·45	27
Bellary ...	28·302	− ·017	N 83 W	6·8	77·2	71·2	86·8	− 3·9	92	27	72·6	− 0·3	68	24, 30	74	+ 4	5·8	4·58	− 0·50	7	− 0·7	2·51	30
Kurnool ...	28·835	− ·016	N 89 W	8·2	78·5	72·2	89·0	− 0·9	93	27, 30	73·3	− 0·5	71	4 days	72	− 6	6·9	4·40	− 1·77	7	− 2·6	1·76	28
Madras Coast, North																							
Nellore ...	29·675	− ·014	S 76 W	4·9	84·1	75·6	93·8	− 0·8	99	5 days	79·4	+ 1·7	75	27	66	− 8	6·4	0·56	− 4·19	1	− 5·4	0·38	27
Masulipatam ...	29·693	− ·038	S 78 W	6·4	81·6	77·0	89·1	− 1·7	93	4 days	77·9	+ 0·4	75	2, 3, 15	81	− 2	5·2	5·61	− 0·59	11	+ 1·6	1·94	3
Cocanada ...	29·658	− ·041	S 82 W	5·4	82·2	77·8	93·1	+ 1·2	94	24	77·6	− 0·8	73	7, 11	81	− 2	6·7	3·92	− 1·83	9	+ 0·6	0·85	10
Vizagapatam ...	29·537	− ·014	S 88 W	4·7	82·8	77·7	89·2	+ 0·8	93	21	79·1	+ 1·0	77	6 days	79	0	6·6	3·66	− 2·86	5	− 3·5	1·52	5
Calingapatam ...	29·637	− ·047	N 75 W	6·0	82·6	79·1	90·0	+ 0·2	93	12,13,18	78·7	+ 0·4	75	10	85	− 1	6·6	4·06	− 3·32	9	− 0·2	1·38	10
Gopalpur ...	29·589	− ·049	S 88 W	7·6	83·1	79·0	88·7	+ 0·3	94	13	78·4	− 0·1	73	3	83	− 2	6·5	4·73	− 2·78	10	+ 0·4	0·95	3
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·325	− ·008	E	3·0	71·6	69·5	79·5	+ 2·1	83	4 days	67·2	+ 2·5	63	24	90	− 1	6·0	9·55	− 0·62	16	+ 0·7	1·66	23
Haka ...	24·031	...	N 45 E	3·2	62·3	61·6	70·0	...	76	29	59·8	...	57	24, 26	97	...	8·2	13·66	...	20	...	2·20	3
Kanpetlet ...	23·854	...	S 39 E	...	65·0	62·6	69·0	...	73	8,28,29	59·0	...	57	4 days	87	...	6·4	7·79	...	19	...	1·24	2
Shillong ...	25·024	− ·023	N 24 E	1·1	68·0	65·5	74·7	+ 0·3	78	9, 17	62·2	+ 0·5	58	29	87	+ 3	8·8	8·50	− 2·23	19	+ 1·4	1·51	18
Cherrapunji ...	25·580	− ·026	S 60 E	4·4	68·2	66·5	73·1	− 0·3	77	14,21,26	64·8	+ 0·5	63	4 days	92	+ 2	9·3	34·11	− 3·57	25	+ 6·1	8·08	18
Darjiling ...	22·883	− ·035	S 83 E	2·8	62·9	58·9	65·9	+ 0·5	69	2, 11	56·6	+ 0·7	54	18, 29	80	− 13	8·5	11·98	− 6·40	16	− 1·2	3·43	4
Kalimpong[b] ...	25·868	− ·035	N 56 W	5·6	69·6	68·3	75·1	+ 0·8	79	2, 11	66·1	+ 0·7	64	18, 27	93	+ 1	6·8	11·56	+ 0·63	15	+ 2·2	3·34	4
Mukteswar ...	22·759	− ·037	S 70 E	4·6	60·0	57·1	66·6	− 1·8	76	2	56·8	+ 2·0	51	23, 24	84	+ 1	5·4	16·55	+ 8·99	14	+ 4·6	5·87	25
Mussoorce ...	23·291	+ ·002	S 24 E	3·3	61·3	59·7	66·5	− 1·8	70	4 days	57·8	+ 0·6	51	25	92	+ 7	6·1	17·00	...	11	...	4·11	8
Simla ...	23·022	− ·042	N 41 E	1·8	62·1	57·1	67·5	− 1·2	76	1	56·9	+ 0·6	50	25	74	+ 2	5·0	12·20	+ 6·00	11	+ 2·1	3·58	25
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21·65	...	10	...	5·15	6
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·41	...	8	...	3·21	18
Murree ...	23·172	...	N 80 W	3·0	65·3	55·8	72·6	− 0·3	76	3, 16	56·6	− 2·0	47	24, 25	56	− 11	2·1	1·08	− 4·53	3	− 4·1	0·56	24
Cherat ...	25·586	− ·029	S 49 W	5·6	74·8	63·5	87·5	+ 3·2	92	15, 16	68·5	+ 2·9	62	22	52	− 7	0·9	0·61	− 1·55	1	− 2·0	0·45	22
Parachinar ...	24·364	− ·014	S	5·6	72·3	57·7	83·0	+ 1·9	86	15, 16	60·3	+ 1·6	54	28	41	− 12	0·7	0·60	− 1·60	2	− 2·7	0·25	1
Drosh ...	...	...	Calm	3·1	67·9	56·1	90·1	+ 1·5	97	15	65·4	+ 0·7	51	22	47	− 5	0·9	0·40	− 0·23	2	+ 0·3	0·23	22
Mount Abu ...	25·892	− ·038	S 89 W	4·7	71·2	65·2	78·0	+ 2·8	87	2, 4	66·0	+ 1·2	61	20	72	− 7	5·8	2·17	− 6·79	2	− 5·8	1·79	7
Pachmarhi ...	26·270	− ·041	N 66 W	4·4	70·8	67·9	77·7	+ 0·2	86	2, 3	65·4	− 0·8	60	30	86	+ 2	7·7	31·75	+ 17·94	13	0	13·79	23
Mahableshwar ...	25·436	...	S 84 W	...	65·1	64·1	69·4	...	78	30	61·7	...	57	24	95	...	8·2	54·94	...	26	...	11·12	7
Mercara ...	26·130	− ·007	N 70 W	9·0	64·7	64·1	70·2	− 1·7	76	29	62·4	+ 0·8	60	24, 25	97	+ 3	7·9	20·48	+ 9·66	25	+ 6·9	2·29	3
Kodaikanal ...	22·752	+ ·005	N 70 W	7·2	56·7	53·5	62·5	− 1·1	66	23	51·6	+ 1·1	49	13, 14	83	+ 5	7·2	3·89	− 3·36	8	− 4·7	1·30	25
Coonoor ...	24·398	...	S 26 W	3·9	65·7	59·2	71·0	...	73	5 days	57·0	...	52	24	69	...	6·3	1·19	...	3	...	0·62	29
Ceylon																							
Colombo ...	29·848	+ ·010	S 41 W	7·0	79·8	76·2	84·7	− 1·5	86	4 days	76·7	0	73	26	84	0	7·6	6·39	+ 1·51	10	+ 1·6	1·10	22
Trincomalee ...	29·691	+ ·020	S 67 W	10·2	79·0	74·4	90·6	− 1·1	95	26	76·8	+ 0·3	74	27	80	− 1	4·8	0·71	− 3·91	2	− 4·1	0·35	27
Hambantota ...	29·774	+ ·003	N 87 W	14·2	79·1	76·0	84·1	− 2·8	90	8	75·6	− 0·3	74	21	86	− 3	4·4	2·94	− 0·10	9	+ 3·7	0·76	21
Nuwara Eliya ...	24·048	...	...	...	58·6	56·5	66·2	...	72	28	54·5	...	47	28	89	...	6·9	5·46	...	11	...	1·01	13
Arabia																							
†Aden ...	29·668	+ ·003	N 72 E	9·3	85·6	79·9	94·0	+ 0·8	98	26	82·6	+ 0·2	75	9	78	+ 1	3·8	0	− 0·15	0	− 0·3	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *b*—Mean of 29 days. *d*—Mean of 27 days. *f*—Mean of 25 days.

Y. P. P.—S 484—460—22-10-32

MONTHLY WEATHER REPORT

FOR

October 1932

(Supplement to the Indian Daily Weather Report for the 23rd November 1932)

Published by order of the Governor-General in Council

Summary.—(1) Transition from southwest monsoon to northeast monsoon associated with unusual thounderstorm activity and excess of precipitation in the Peninsula; (2) two depressions in the Arabian Sea and one storm and one depression in the Bay of Bengal; (3) eastward passage of four feeble western disturbances through Kashmir.

After the withdrawal of the southwest monsoon from the country which took place at the end of the previous month, thunderstorms were unusually active in the west of the Peninsula for the first eight days of the month. A low pressure wave passed from the suthwest Bay of Bengal to the southeast Arabian Sea between the 9th and 12th. It concentrated into a depression by the 13th with central region near Lat. 11° N and Long. 72° E. The depression moved slowly northwestwards and was centred near Lat. 17° N and Long. 69° E on the 17th morning. Thereafter it apparently weakened and a fresh depression formed in the central Arabian Sea on the 20th with centre near Lat. 15° N and Long. 63° E. In the course of the next two days, it moved slightly northwestwards and became unimportant on the 24th. In connection with these depressions fairly widespread thunderstorm rain occurred in the Peninsula between the 9th and 20th with intermittent showers in the west of the Peninsula between the 21st and 25th. Local thundershowers occurred in Burma almost on all days of the first three weeks. It is reported that a family of a father and four sons was struck by lightning and died at Madura on the 12th.

With the passage of a low pressure wave from the east across Tenasserim into the Andaman Sea, a depression formed on the 19th. It had intensified into a storm by the next morning with centre between Diamond Island and Table Island. Moving rapidly northwestwards, the storm crossed the coast near Calingapatam on the 22nd morning and moved northeastwards as a depression, filling up over Upper Burma on the 26th. It caused locally heavy rain in Tenasserim on the 18th and widespread rain along and near its track from the 21st to 25th. It is reported that two motor schooners were wrecked near Table Island on the 19th-20th night resulting in the death of the crew, two Burman officers and two clerks. Conditions became unsettled in the southwest Bay of Bengal after the 27th and a depression had formed off the Coromandel coast by the 30th morning with centre near Lat. 11° N and Long. 83° E. The depression moved northwards and was centred near Lat. 15° N and Long. 83° E on the morning of 1st November. It caused widespread rain in south Madras on the last six days of the month and on the north Madras coast after the 28th.

2. During the month four western disturbances passed eastwards through Kashmir. The first caused widespread duststorms in the North-West Frontier Province and the north Punjab on the 4th and a few falls of snow in Kashmir from the 5th to 8th. The second disturbance was responsible for a few falls of rain in Kashmir and its neighbourhood on the 15th and 16th. The third western disturbance caused a few falls of rain in Kashmir and the Punjab-Kumaon hills on the 22nd and 23rd, while the last disturbance caused only cloudy weather along the western Himalayas on the 29th.

3. The month's rainfall was in large excess in the Konkan, the Bombay Deccan, Mysore and Malabar, in slight excess in Upper Burma and southeast Madras and normal in the Bay Islands, Lower Burma, Assam, Gujarat and south Hyderabad; it was in slight to moderate defect in Bengal, Chota Nagpur, the east United Provinces, Kashmir, west Central India, the west Central Provinces, north Hyderabad, the Madras Deccan and the north Madras coast, and in large defect elsewhere. Averaged over the plains of India, the total rainfall during the month was in excess by 3 per cent.

4. The month's mean maximum temperature was above normal in Bengal, Bihar, the east United Provinces, west Rajputana and east Central India and the minimum in Gujarat, west Central India, Berar, the west Central Provinces, the Bombay Deccan, north Hyderabad and the Madras Deccan. The mean maximum temperature was also below normal in Kashmir and Baluchistan.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was in slight excess in Upper Burma and normal elsewhere. Cloud amount was above normal in the Bay Islands and Lower Burma and humidity in defect in the former sub-division.

Northeast India, including Orissa.—Rainfall during the month was normal in Assam and in moderate to large defect elsewhere. Cloud amount was above normal in Orissa. Humidity was in defect in Chota Nagpur and Bihar. Maximum temperature was above normal in Bengal and Bihar.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in moderate to large defect. Cloud amount was above normal except in the east United Provinces and the east Central Provinces. Humidity was in defect in the east United Provinces. Maximum temperature was above normal in the east United Provinces and east Central India and the minimum in west Central India, Berar and the west Central Provinces.

Northwest India.—Rainfall during the month was normal in Gujarat and in moderate to large defect elsewhere. Skies were more clouded than usual except in Baluchistan. Humidity was in excess in Kashmir and in defect in the Punjab, the North-West Frontier Province, Sind, Rajputana and Gujarat. Maximum temperature was above normal in west Rajputana and below it in Kashmir and Baluchistan, and the minimum was above normal in Gujarat.

The Peninsula.—Rainfall during the month was in slight to moderate defect in north Hyderabad, the Madras Deccan and the north Madras coast, normal in south Hyderabad, in slight excess in southeast Madras and in large excess elsewhere. Cloud amount was above normal. Humidity was in excess in the Bombay Deccan, Hyderabad, Mysore and Malabar. Minimum temperature was above normal in the Bombay Deccan, north Hyderabad and the Madras Deccan.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 7th November 1932.

C. W. B. NORMAND,
Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	7·78	7·85	−0·07	− 1	+0·8	+ 1·4	− 1	+0·7
2. Assam ...	5·40	5·13	+0·27	+ 5	+0·7	+ 0·8	− 2	+0·2
3. Bengal ...	3·68	5·17	−1·49	− 29	+2·4	+ 1·2	− 2	+0·5
4. Bihar and Orissa...	1·46	3·13	−1·67	− 53	+1·4	+ 0·3	− 3	+0·7
5. United Provinces.	0·48	1·42	−0·94	− 66	+1·7	− 0·3	− 3	+0·3
6. Punjab ...	0·06	0·26	−0·20	− 77	+0·8	− 0·5	− 7	+0·6
7. North-West Frontier Province.	0	0·13	−0·13	−100	+1·7	− 0·3	− 9	+0·2
8. Sind ...	0	0·02	−0·02	−100	+1·1	− 0·5	−12	+0·7
Division—*contd.*								
9. Rajputana ...	0·03	0·41	−0·38	− 93	+2·1	+0·2	−11	+0·9
10. Bombay ...	4·70	2·10	+2·60	+124	+0·5	+2·7	+ 1	+2·1
11. Central India ...	0·36	1·21	−0·85	− 70	+2·5	0	− 2	+1·5
12. Central Provinces.	1·04	2·00	−0·96	− 48	+1·2	+2·3	+ 2	+0·7
13. Hyderabad ...	2·14	2·37	−0·23	− 10	+0·1	+1·9	+ 6	+1·7
14. Mysore ...	9·23	5·56	+3·67	+ 66	−0·2	−0·6	+ 6	+2·0
15. Madras ...	10·45	7·84	+2·61	+ 33	−0·9	+1·0	+ 2	+1·5
Mean of India ...	3·54	3·43	+0·11	+ 3	+1·0	+0·9	− 2	+1·0
Sub-division								
1. Bay Islands ...	11·60	11·07	+0·53	+ 5	−0·5	− 0·3	− 6	+1·4
2. Lower Burma ...	9·29	9·77	−0·48	− 5	+0·7	+ 1·2	− 1	+1·2
3. Upper Burma ...	5·62	5·11	+0·51	+ 10	+0·8	+ 1·7	0	+0·1
4. Assam ...	5·40	5·13	+0·27	+ 5	+0·7	+ 0·8	− 2	+0·2
5. Bengal ...	3·68	5·17	−1·49	− 29	+2·4	+ 1·2	− 2	+0·5
6. Orissa ...	1·94	4·75	−2·81	− 59	+1·0	+ 1·0	0	+1·5
7. Chota Nagpur ...	1·52	2·72	−1·20	− 44	+0·7	+ 0·3	− 7	+0·1
8. Bihar ...	1·22	2·54	−1·32	− 52	+2·2	− 0·5	− 5	+0·4
9. United Provinces, East.	1·05	2·02	−0·97	− 48	+2·5	+ 0·3	− 4	0
10. Do. do. West.	0	0·90	−0·90	−100	+0·8	− 1·0	− 2	+0·5
11. Punjab, East and North.	0·12	0·42	−0·30	− 71	+0·9	− 0·5	−10	+0·6
12. Do. Southwest.	0	0·09	−0·09	−100	+0·8	− 0·5	− 4	+0·5
13. Kashmir ...	0·50	0·77	−0·27	− 35	−3·0	0	+ 7	+1·2
14. North-West Frontier Province.	0	0·13	−0·13	−100	+1·7	− 0·3	− 9	+0·2
15. Baluchistan ...	0	0·16	−0·16	−100	−2·8	− 1·4	− 1	0
16. Sind ...	0	0·02	−0·02	−100	+1·1	− 0·5	−12	+0·7
17. Rajputana, West.	0	0·31	−0·31	−100	+2·5	+ 0·2	−17	+0·6
Sub-division—*contd.*								
18. Rajputana, East.	0·05	0·47	−0·42	− 89	+1·8	+0·2	−12	+1·1
19. Gujarat ...	0·76	0·70	+0·06	+ 9	+1·1	+3·2	− 5	+2·5
20. Central India, West	0·44	0·85	−0·41	− 48	+0·7	+2·0	− 1	+1·6
21. Do. do. East.	0·28	1·57	−1·29	− 82	+4·3	−1·9	− 3	+1·3
22. Berar ...	0·73	1·89	−1·16	− 61	+1·5	+3·7	+ 1	+0·9
23. Central Provinces, West.	0·96	1·56	−0·60	− 38	+1·0	+2·4	+ 2	+0·9
24. Do. do. East.	1·31	2·72	−1·41	− 52	+1·5	+1·4	+ 2	+0·3
25. Konkan ...	8·39	3·84	+4·55	+118	+0·7	+1·4	0	+0·8
26. Bombay Deccan...	8·10	3·11	+4·99	+160	−0·4	+2·7	+ 8	+2·5
27. Hyderabad, North	1·35	1·63	−0·28	− 17	+0·5	+2·3	+ 8	+2·5
28. Do. South	2·73	2·93	−0·20	− 7	−0·1	+1·7	+ 5	+1·3
29. Mysore ...	9·23	5·56	+3·67	+ 66	−0·2	−0·6	+ 6	+2·0
30. Malabar ...	26·65	10·37	+16·28	+157	−1·5	+0·1	+ 4	+1·9
31. Madras, Southeast	9·56	8·33	+1·23	+ 15	−1·4	+0·9	+ 2	+1·9
32. Do. Deccan...	3·51	4·03	−0·52	− 13	−0·3	+2·3	+ 3	+1·3
33. Do. Coast, North.	5·75	7·89	−2·14	− 27	+0·1	+1·2	0	+0·8

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 [a] ...	29·768	-·022	N 86 W	4·0	79·4	75·3	85·9	- 0·5	89	6	76·6	-0·3	73	18, 21	82	- 6	7·6	11·60	+ 0·53	15	- 0·7	3·81	20
Lower Burma																							
Victoria Point ...	29·720	-·006	N 70 E	3·8	78·6	76·0	83·4	- 0·7	88	12	75·3	+1·0	73	27	89	+ 2	7·8	17·66	- 0·32	19	+ 0·5	6·83	27
Mergui ...	29·790	-·015	S 76 E	...	77·0	76·0	86·1	- 0·5	91	14	73·8	+1·1	72	27	95	+ 5	3·5	9·17	- 2·92	17	+ 0·8	1·12	7
Tavoy ...	29·840	-·016	E	2·1	79·3	76·5	88·7	+ 1·1	93	16, 27	74·0	+0·1	71	25	87	- 2	7·0	15·78	+ 5·12	19	+ 6·6	7·47	19
Amherst ...	29·794	...	E	4·2	80·9	77·0	88·2	...	91	6 days	76·3	...	73	31	83	...	7·2	6·77	...	14	...	1·28	3
Rangoon ...	29·841	-·011	S 84 E	2·7	80·5	77·7	88·8	+ 1·2	93	20	76·8	+1·0	72	13	87	- 3	7·3	9·66	+ 2·75	14	+ 4·0	1·64	30
Bassein ...	29·829	-·010	E	2·5	81·0	78·3	89·2	+ 1·8	93	6 days	76·7	+1·1	74	13	89	- 3	7·5	9·00	+ 0·82	13	+ 0·6	3·44	18
Diamond Island ...	29·789	-·024	N 63 E	5·9	82·4	79·1	86·2	0	89	4 days	78·6	+1·4	75	21, 31	85	+ 1	6·9	8·34	- 0·20	15	+ 4·0	1·20	31
Gwa ...	29·838	...	S 45 E	2·8	81·9	78·9	88·1	...	91	15	75·8	...	73	13	87	...	5·5	4·98	- 1·47	11	+ 3·3	1·40	13
Toungoo ...	29·709	-·003	S 34 E	2·3	79·6	76·4	91·5	+ 1·7	94	18, 20	75·8	+1·4	75	13 days	86	- 3	7·2	6·12	- 1·31	11	+ 0·8	1·60	22
Kyaukpyu ...	29·820	-·012	S 73 E	2·7	83·3	79·4	87·7	+ 1·3	93	29	78·3	+2·0	73	12	83	- 3	5·3	8·54	0	9	- 2·2	2·76	12
Akyab ...	29·828	-·008	N 47 E	4·8	81·4	78·6	87·9	+ 0·6	91	20, 29, 30	77·6	+1·4	75	12, 23	87	- 4	7·2	3·61	- 7·30	11	+ 1·7	0·77	2
Upper Burma																							
Minbu ...	29·674	-·027	S 49 E	2·4	81·3	77·4	91·9	+ 1·8	95	19	76·8	+1·7	73	9	83	- 1	4·1	5·17	+ 0·66	7	+ 0·7	2·08	9
Yamethin ...	29·215	-·006	S 14 E	2·2	79·6	75·9	91·3	+ 0·7	95	19, 20, 21	74·6	+0·8	72	1, 22	84	- 3	5·0	5·69	+ 0·14	9	+ 1·1	1·66	22
Mandalay ...	29·606	-·015	S 36 E	2·3	79·5	77·0	92·4	+ 0·4	98	20	76·8	+2·1	72	9	89	+ 7	5·2	11·23	+ 6·51	8	+ 1·4	3·95	9
Monywa ...	29·589	-·013	E	1·1	80·0	77·1	92·0	+ 1·7	96	4 days	77·0	+1·8	74	9	87	0	4·6	4·74	+ 0·58	8	+ 2·0	1·16	21
Lashio ...	27·111	-·002	N 45 E	1·7	69·6	68·5	81·7	- 0·5	85	4 days	66·3	+2·4	63	15, 30	95	+ 2	8·7	3·96	- 1·75	8	- 1·7	1·48	7
Bhamo ...	29·475	-·017	N 14 E	1·4	76·2	73·4	87·8	+ 0·1	92	6, 28	71·8	+2·2	69	11, 12, 30	86	- 4	5·9	3·39	- 0·87	7	+ 0·3	1·13	25
Myitkyina ...	29·393	-·009	N 37 E	2·0	75·5	72·6	87·1	+ 1·4	93	6	71·0	+1·0	67	11	86	- 2	5·4	5·14	- 1·69	9	+ 0·9	1·24	24
Assam																							
Dibrugarh ...	29·527	-·015	N 79 E	1·6	74·2	71·5	84·4	+ 0·3	91	22	70·1	+0·3	66	10, 20	88	- 1	5·6	7·09	+ 1·29	12	+ 3·8	1·47	6
Sibsagar ...	29·561	-·007	N 78 E	2·5 [a]	75·3	73·4	86·2	+ 2·1	91	4 days	70·9	+0·3	67	10, 20	90	- 5	7·2	6·07	+ 0·97	12	+ 4·3	1·39	6
Tezpur ...	29·634	-·001	E	1·3	77·5	73·8	87·2	+ 1·4	91	22, 31	72·2	+1·1	69	6 days	84	- 5	4·5	3·58	- 0·63	8	+ 1·8	2·15	24
Gauhati ...	29·671	-·029	N 67 E	2·1	76·3	73·8	87·7	+ 0·8	92	1, 7, 8	72·0	+1·2	68	8, 9	88	0	5·8	2·71	- 0·08	4	- 0·1	1·08	24
Dhubri ...	29·744	-·020	N 49 E	4·3	76·9	75·2	83·9	- 0·6	90	8	73·6	+0·9	70	28	93	+ 5	4·4	4·85	+ 0·22	8	+ 3·3	1·22	24
Silchar ...	29·783	+·003	N 61 E	1·1	78·1	75·4	89·7	+ 1·1	94	31	72·9	+0·6	66	10	88	- 1	5·3	10·48	+ 3·93	6	- 1·6	6·86	13
Srimangal ...	29·795	-·012	N 69 E	...	79·5	76·2	89·5	- 0·1	94	9, 30	72·0	+0·9	65	11	84	- 4	4·2	3·03	- 3·79	4	- 4·4	1·95	23
Bengal																							
Cox's Bazar ...	29·813	-·006	N 72 E	1·5 [a]	83·1	78·2	89·3	+ 2·4	93	30	75·1	+1·7	68	10	79	- 7	4·9	0·83	- 7·90	4	- 4·3	0·17	1, 26
Chittagong ...	29·768	-·005	N 87 E	4·1	80·2	76·3	90·4	+ 3·7	94	31	75·2	+1·9	70	10	82	- 7	4·2	0·98	- 5·90	3	- 3·9	0·32	3
Noakhali ...	29·815	-·023	N 42 E	2·9	81·3	78·2	89·1	+ 2·8	93	31	77·4	+3·5	74	11, 28	87	- 1	4·1	7·35	- 1·01	9	+ 1·4	3·82	22
Comilla ...	29·813	...	E	1·6	81·9	77·5	90·8	...	96	30	74·6	...	69	11	81	...	4·5	3·28	- 3·24	5	- 1·1	1·45	3
Narayanganj ...	29·819	-·016	S 59 E	2·1	82·1	77·2	90·2	+ 2·3	94	31	76·6	+1·3	71	28	79	- 6	4·7	4·15	- 0·92	4	- 1·8	3·11	2
Mymensingh ...	29·802	-·002	S 83 E	1·8	79·8	76·7	88·1	+ 1·2	92	7, 9, 30	74·7	+0·8	69	28	87	0	4·6	7·03	+ 1·23	7	+ 1·3	1·98	24
Faridpur ...	29·815	...	S 53 E	2·9	80·6	77·3	90·8	...	96	3	75·5	...	69	28, 29	85	...	5·0	2·84	- 1·90	6	+ 0·6	1·25	19
Barisal ...	29·832	-·004	N 69 E	2·4	82·8	78·1	89·7	+ 2·3	93	31	76·5	+1·9	72	28	81	- 3	3·9	2·41	- 3·85	5	- 1·7	0·61	14
Khulna ...	29·837	-·010	N 14 E	2·9	82·4	78·0	89·9	+ 2·4	94	3, 5, 9	76·4	+2·3	69	28	81	+ 1	4·7	3·38	+ 0·26	7	+ 1·4	1·35	14
Jessore ...	29·827	0	S 7 W	2·1 [a]	81·2	78·1	90·8	...	95	3, 7	73·5	...	66	29	87	+ 3	3·8	2·35	- 2·54	7	+ 1·2	0·98	25
Satkhira ...	29·827	-·033	N 9 W	1·6	80·8	77·9	91·4	+ 2·1	94	6 days	75·1	+1·6	65	28	87	+ 2	3·7	3·52	+ 0·29	3	- 2·0	2·16	16
Calcutta ...	29·822	-·010	N 84 W	1·9	79·9	77·2	90·0	+ 2·6	94	3, 4	76·4	+1·9	68	28	89	+ 4	3·2	3·79	- 0·40	7	+ 1·0	1·36	25
Saugor Island ...	29·821	-·015	N 23 W	7·7	82·5	78·1	87·4	+ 0·3	90	11, 20	78·6	+2·3	72	28	81	- 4	6·4	4·38	- 3·76	6	- 1·5	1·45	15
Sandheads ...	29·800	-·040	N 76 W	...	84·5	78·5	...	...	...	...	...	...	...	...	76	- 3	4·3	2·47	- 1·60	5	- 0·1	0·73	15
Midnapore ...	29·698	-·001	N 22 E	1·7	78·7	74·5	90·6	+ 1·2	96	10	73·9	+0·5	65	28	82	+ 2	3·8	4·02	+ 0·38	3	- 2·4	2·15	23
Burdwan ...	29·737	-·022	N 63 W	1·7	78·7	75·3	91·7	+ 2·8	96	3, 5, 7	74·2	-0·3	65	28	84	+ 3	3·2	2·59	- 0·84	2	- 2·3	1·23	23
Krishnagar ...	29·797	...	S 27 E	2·1	81·4	76·6	92·6	...	97	4 days	73·0	...	62	28	79	...	2·4	0·95	- 3·43	2	- 2·9	0·49	24
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·47	+ 0·56	3	- 1·2	1·66	24
Asansol ...	29·419	-·016	N 70 W	2·9	78·2	72·4	92·1	+ 3·4	98	3, 7	71·3	+0·3	63	28, 29	73	- 9	3·1	1·90	- 2·92	2	- 3·3	1·15	23
Berhampore ...	29·790	-·004	S	1·7	81·0	76·4	93·8	+ 6·0	99	4, 5, 7	73·0	-1·4	63	28	80	- 4	3·2	0·99	- 3·21	3	- 1·7	0·38	23
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·82	- 0·91	4	- 0·4	1·65	23
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·17	- 1·77	4	- 0·9	1·12	24
Bogra ...	29·787	-·011	S 73 E	1·8	80·4	76·5	89·6	+ 2·3	95	7, 8	74·2	+1·3	65	28	83	- 2	3·9	4·75	- 0·21	5	- 0·3	1·74	25
Malda ...	29·742	...	S 72 E	3·1	79·8	75·1	90·0	...	96	3, 4	72·7	...	64	28	80	...	3·6	5·38	+ 1·04	3	- 1·1	3·28	24
Dinajpur ...	29·718	-·021	N 69 E	1·7	77·9	74·9	89·1	+ 1·7	94	6	72·6	+0·7	63	28	86	0	4·0	6·39	+ 2·14	5	+ 0·8	2·54	1
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·25	- 1·11	4	- 0·2	1·85	23
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·33	- 0·35	9	+ 3·5	1·97	22
Jalpaiguri ...	29·596	-·002	N 8 E	1·3	76·9	73·7	87·8	+ 1·2	91	22	70·6	+0·2	66	30	86	- 1	4·0	5·08	+ 0·18	8	+ 3·2	1·28	24

* Reports only rainfall. *a*—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·772	-·011	N 30 W	3·3	80·6	75·9	88·4	- 0·2	96	10	74·8	+ 1·5	66	28, 29	80	- 4	5·5	2·01	- 4·01	4	- 1·9	0·81	23
Chandbali	29·818	...	N 36 W	3·8	80·5	77·0	89·3	...	95	4	...	...	...	...	85	...	4·2	3·92	...	8	...	1·07	17
Puri	29·807	-·016	N 5 E	9·2	82·1	77·1	89·5	+ 0·3	93	10,11,20	78·0	+ 0·9	73	29	79	- 3	4·7	3·67	- 3·17	7	- 0·1	0·79	22
Cuttack	29·758	-·004	W	1·5	80·5	76·1	92·0	+ 2·1	95	7 days	75·5	+ 0·8	68	29	80	- 1	5·1	1·58	- 3·62	4	- 2·2	0·50	4
Angul	29·384	-·006	N 70 W	3·2	77·4	73·8	89·7	+ 0·7	91	6	72·8	+ 1·4	63	29	84	+ 4	4·8	1·67	- 1·99	3	- 2·3	1·32	15
Sambalpur	29·355	-·018	N 63 E	2·9	77·8	73·4	90·8	+ 2·0	95	2, 4, 7	71·7	+ 0·2	61	29	80	+ 2	4·4	0·75	- 1·25	3	- 0·4	0·42	23
Chota Nagpur																							
Jamshedpur	29·412	...	S 85 W	1·7	77·0	72·2	92·0	...	97	4, 7	71·2	...	61	28, 29	77	...	3·8	0·76	...	2	...	0·38	24
Chaibasa	29·099	-·016	S 45 W	1·4	78·3	72·4	90·3	+ 1·3	96	4	70·5	+ 0·2	61	28, 29	73	- 8	3·3	1·67	- 1·27	3	- 1·0	0·70	22
Ranchi	27·703	-·001	N 72 W	1·5	75·5	67·7	84·1	+ 0·7	90	4	65·0	- 1·6	56	29	65	- 6	3·0	2·14	- 0·76	5	+ 0·6	1·13	18
Hazaribagh	27·848	...	S 75 W	4·8	75·9	68·2	85·0	...	90	5 days	65·6	...	56	29	67	...	3·5	1·35	- 1·77	4	- 0·3	0·50	24
Daltonganj	29·123	-·001	N 70 E	2·8	75·0	69·4	89·7	+ 0·1	96	2, 3	68·3	+ 2·3	59	28, 29	71	- 6	2·3	0·91	- 1·08	3	- 0·2	0·50	18
Bihar																							
Purnea	29·724	-·019	N 50 E	2·2	78·4	74·5	89·5	+ 2·0	94	5 days	70·7	- 0·5	61	27, 28	82	- 7	3·2	1·97	- 0·88	3	- 0·4	1·47	24
Darbhanga	29·675	-·020	E	2·8	78·9	74·7	87·1	- 0·1	92	3, 5	70·3	- 2·2	59	27	82	- 1	2·8	0·36	- 2·03	2	- 0·7	0·19	24
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	- 2·21	1	- 1·5	0·31	24
Motihari	29·609	-·034	N 85 E	2·5	77·0	72·8	90·8	+ 3·0	95	2, 3	...	...	...	...	82	- 4	2·0	0·16	- 2·24	1	- 1·5	0·16	24
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·09	- 1·09	2	- 0·5	0·80	24
Patna	29·669	-·007	S	2·7	78·8	72·9	91·2	+ 2·8	97	4 days	72·7	- 0·1	63	27, 28	74	0	2·4	1·20	- 1·34	2	- 1·1	0·60	16
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·59	- 0·95	3	- 0·1	0·82	24
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·85	- 1·30	3	+ 0·1	0·59	24
Gaya	29·483	-·002	S 4 W	3·1	79·7	70·7	92·9	+ 2·9	98	6 days	70·9	- 0·3	62	28	62	- 11	3·0	1·02	- 1·05	1	- 1·9	0·86	24
Naya Dumka	29·355	-·010	N	1·5	79·2	73·0	90·5	+ 2·5	96	4 days	71·6	+ 0·8	61	28	74	- 4	2·4	2·10	- 1·68	3	- 1·5	0·97	23
Sabour	29·722	...	S 27 W	3·5	77·5	73·5	90·2	...	96	6, 8	70·3	...	62	28	82	...	3·0	2·70	+ 0·25	3	+ 0·9	1·96	24
United Provinces, East																							
Gorakhpur	29·587	-·009	N 45 E	1·4	75·7	71·3	92·7	+ 3·9	98	1, 2	69·1	- 0·4	59	27, 28	79	+ 1	1·9	0·21	- 3·24	2	- 0·1	0·11	23
Benares	29·593	-·012	S 53 W	2·9	77·6	69·7	92·6	+ 2·1	98	4 days	68·2	+ 0·3	59	29	65	- 8	2·5	2·70	+ 0·32	2	- 0·3	1·69	16
Allahabad	29·528	-·018	S 69 W	2·7	77·6	69·3	93·0	+ 1·9	98	4 days	67·7	+ 0·2	60	21,28,29	63	- 4	1·9	1·29	- 1·03	1	- 0·9	1·29	23
Fatehpur	29·478	...	S 74 W	1·5	81·4	69·9	94·8	...	100	3	66·4	...	58	31	54	...	1·7	0	...	0	...	0	...
Cawnpore	29·421	-·017	N 77 W	1·2	76·6	67·9	95·2	+ 3·5	102	3	67·6	+ 1·0	58	31	63	- 2	0·3	0·10	- 1·17	1	- 0·5	0·10	24
Lucknow	29·475	-·007	S 81 W	1·8	76·7	69·1	94·9	+ 3·5	101	2, 3, 4	66·5	+ 0·4	59	27, 29	67	- 3	1·5	1·50	+ 0·32	1	- 0·7	1·50	24
Bahraich	29·445	+·006	N 38 E	2·9	77·7	70·8	90·9	+ 0·3	95	2, 3, 4	68·5	+ 0·3	57	28	69	- 6	0·6	0·47	- 1·07	1	- 0·6	0·47	24
Gonda	29·501	...	N 23 E	2·0	75·8	70·6	92·4	...	97	4	67·3	...	56	28	77	...	1·2	0·11	...	1	...	0·11	24
United Provinces, West																							
Jhansi	29·627	-·018	S 52 W	1·0	78·9	67·3	94·4	+ 1·1	99	10	66·7	- 2·7	59	31	52	- 3	2·1	0	- 0·87	0	- 1·0	0	...
Agra	29·284	-·020	S 87 W	3·0	72·9	64·1	94·7	+ 1·8	100	3	61·9	- 0·8	52	31	59	- 2	1·2	0	- 0·76	0	- 0·8	0	...
Mainpuri	29·316	-·016	S 80 W	2·2	77·3	68·5	94·5	+ 1·6	98	4 days	64·1	- 1·3	51	31	61	- 4	1·5	0	- 1·13	0	- 1·0	0	...
Aligarh	29·225	...	S 72 W	3·6	75·9	67·0	93·8	...	98	1, 3, 5	65·5	...	54	31	60	...	0·4	0	...	0	...	0	...
Bareilly	29·285	+·007	S 59 E	1·6	74·0	67·9	90·4	+ 0·7	96	4	65·8	+ 0·5	57	20,27,28	72	- 3	1·2	0	- 1·19	0	- 0·8	0	...
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·56	0	- 0·6	0	...
Roorkee	28·942	-·012	S 58 E	1·5	69·9	64·5	87·2	- 1·4	92	4, 6	61·4	+ 0·2	51	31	73	- 1	1·2	0	- 0·70	0	- 0·8	0	...
Dehra Dun	27·621	-·011	N 23 E	1·4	63·8	57·7	83·6	+ 0·9	89	3, 5	58·7	- 1·9	52	30	68	0	1·6	0	- 1·07	0	- 1·4	0	...
Punjab, East and North																							
Delhi	29·119	...	S 63 W	1·9	75·3	63·7	93·6	...	100	3	64·0	...	58	31	50	...	1·0	0	- 0·32	0	- 0·5	0	...
Hissar	29·123	-·003	S 5 E	2·8	76·0	62·6	97·0	+ 1·3	106	3	61·4	- 2·0	52	31	43	- 10	1·3	0	- 0·31	0	- 0·5	0	...
Ambala	28·939	-·015	S 60 E	2·0	70·5	62·9	91·0	- 1·1	96	3	61·8	+ 0·4	51	30	64	- 4	1·5	0	- 0·75	0	- 0·7	0	...
Ludhiana	29·029	-·009	S 18 E	1·3	73·3	62·8	94·4	+ 2·6	101	1, 2, 3	61·9	- 1·8	49	31	53	- 8	1·4	0·62	+ 0·14	1	+ 0·3	0·62	5
Lahore	29·139	-·003	N 83 E	1·3	72·6	62·9	94·2	- 0·3	102	2, 3	61·1	+ 0·3	49	31	56	- 6	1·4	0	- 0·25	0	- 0·6	0	...
Sialkot	29·015	-·005	N 41 E	1·7	71·5	61·1	93·0	+ 1·1	100	2, 3	61·2	- 0·9	48	31	51	- 11	1·4	0	- 0·30	0	- 0·7	0	...
Rawalpindi	28·181	-·013	N 45 E	1·5	69·0	55·6	90·3	+ 1·5	99	2, 3	57·4	+ 0·8	48	31	39	- 20	1·7	0·19	- 0·32	1	- 0·1	0·15	17

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *l*—Mean of 19 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	29·226	-·020	N 67 E	4·1	74·5	60·3	94·5	+ 0·5	103	1	63·0	- 0·3	49	29,30,31	39	- 7	1·3	0	- 0·17	0	- 0·4	0	...
Lyallpur ...	29·242	+·001	S 31 E	2·4	74·2	60·8	94·5	+ 1·8	104	2	61·1	- 0·8	51	30, 31	42	- 17	1·5	0	- 0·24	0	- 0·5	0	...
Montgomery ...	29·269	-·020	S 30 E	2·2	72·4	63·4	95·3	- 0·5	103	1,2,3	62·5	- 0·9	51	30	58	+14	1·0	0	- 0·06	0	- 0·2	0	...
Multan ...	29·406	-·009	N 35 W	1·6	73·7	62·6	97·4	+ 1·5	105	1,2,3	65·4	- 0·2	56	31	51	- 5	1·1	0	- 0·05	0	- 0·2	0	...
Bahawalpur ...	29·456	...	S 21 W	2·4	72·8	61·6	96·5	...	103	1,2	59·5	...	43	27	50	...	0·9	0	0	0	0	0	...
Khanpur ...	29·557	...	S 41 W	3·9	73·5	61·4	97·9	...	106	2	62·3	...	52	30	46	...	1·2	0	0	0	0	0	...
Kashmir																							
Srinagar ...	24·962	+·015	S 40 E	2·2	48·5	45·5	73·0	- 1·2	87	1	39·8	- 0·4	31	28, 29	79	- 11	2·6	0·22	- 0·87	1	- 1·6	0·12	16
Gulmarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·57	- 0·64	4	- 1·0	0·49	16
Dras ...	20·863	+·013	Calm	4·5	35·1	31·9	52·3	- 4·1	67	1	30·2	+ 2·8	22	28, 29	77	+ 7	2·5	0·34	- 0·38	1	- 0·6	0·18	9
Leh ...	19·773	+·014	S 7 E	2·5	37·5	31·2	56·9	- 2·0	72	1	30·2	- 0·3	25	28	54	+ 8	4·2	0·68	+ 0·51	3	+ 2·8	0·28	6
Skardu ...	22·943	+·014	S 45 E	5·2	48·0	43·0	64·1	- 2·2	81	1	40·8	- 0·5	33	28, 29	67	+ 7	4·3	0·08	- 0·09	0	- 0·4	0·04	16
Gilgit ...	...	...	S 31 W	1·4	56·1	52·2	69·8	- 5·5	81	1	51·1	- 1·5	45	31	76	+26	4·7	0·13	- 0·15	0	- 0·7	0·07	15
North-West Frontier Province																							
Peshawar ...	28·706	-·016	S 3 W	2·7	71·3	58·6	90·1	+ 2·2	101	2	60·5	+ 0·2	51	29, 30	43	- 2	1·1	0	- 0·16	0	- 0·4	0	...
Miranshah ...	26·890	...	N 84 E	5·7	70·5	54·1	84·3	...	93	1	58·0	...	47	30	29	...	0·3	0	...	0	...	0	...
Dera Ismail Khan...	29·277	+·004	N 28 E	1·5	73·9	60·8	94·6	+ 1·1	103	2	60·6	- 0·9	48	30, 31	43	- 17	1·0	0	- 0·09	0	- 0·2	0	...
†Baluchistan																							
Fort Sandeman ...	25·429	-·005	Calm	2·1	55·1	41·0	80·6	- 2·7	88	2	51·1	- 1·4	40	30, 31	22	- 17	0·7	0	- 0·22	0	- 0·4	0	...
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·34	0	- 0·6	0	...
Quetta ...	24·744	-·023	S 15 E	3·6	45·5	35·3	74·1	- 0·4	82	1	39·2	- 3·6	25	27	30	+ 15	1·2	0	- 0·13	0	- 0·3	0	...
Chaman ...	25·744	-·009	S 51 E	3·2	57·1	44·6	77·3	- 2·6	86	1	52·2	- 1·1	38	27	33	- 3	0·4	0	- 0·11	0	- 0·3	0	...
Kalat ...	23·780	-·013	S 20 W	4·9	40·8	35·0	69·3	- 4·6	77	1	34·4	+ 2·0	23	27	55	+ 12	0·7	0	- 0·12	0	- 0·3	0	...
Dalbandin ...	27·141	-·002	N	1·7	54·2	41·1	85·7	- 3·6	94	1,13	48·1	- 3·0	36	30	23	- 13	0·3	0	- 0·03	0	- 0·1	0	...
Las Bela ...	29·598	...	N 32 W	2·8	80·1	64·7	101·0	...	108	2	60·5	...	46	31	39	...	0·9	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·636	-·029	N 10 E	1·6	73·3	61·6	98·1	- 1·0	107	2	62·6	- 1·1	54	30, 31	49	- 6	0·7	0	- 0·04	0	- 0·1	0	...
Sukkur ...	29·630	...	S 12 E	2·5	74·1	65·6	95·4	...	102	2	67·1	...	58	30	62	...	0·9	0	...	0	...	0	...
Chhor ...	29·815	...	S 75 W	3·4	80·2	66·9	102·0	...	108	6, 13	63·8	...	56	26	46	...	1·6	0·05	...	0	...	0·05	22
Hyderabad ...	29·770	+·008	N 36 W	3·7	80·4	65·3	99·5	+ 1·7	107	3	69·5	- 0·7	62	30	41	- 17	2·2	0	- 0·02	0	0	0	...
Karachi ..	29·846	-·024	N 2 E	6·8	78·9	70·3	89·8	+ 2·6	99	18	74·0	+ 0·4	69	27, 29	63	- 13	1·7	0	- 0·01	0	0	0	...
Badin ...	29·808	...	N 57 W	2·6	79·0	69·1	98·7	...	105	3	70·2	...	62	31	58	...	1·4	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	29·094	+·013	S 6 W	4·2	76·4	55·5	99·2	+ 3·1	105	2, 3	70·3	- 0·9	63	27	17	- 31	1·0	0	- 0·26	0	- 0·5	0	...
Jodhpur ...	29·071	-·021	N 33 E	3·3	77·9	62·9	98·2	+ 1·8	102	2, 3	69·1	+ 1·3	61	26	39	- 4	2·3	0	- 0·36	0	- 0·4	0	...
Barmer ...	29·192	...	N 64 W	3·4	79·6	68·2	97·9	...	105	2	68·4	...	59	27	53	...	1·5	0	...	0	...	0	...
Rajputana, East																							
Jaipur ...	28·454	+·004	N 13 W	1·5	79·7	64·6	96·2	+ 1·7	102	3	65·3	+ 0·2	58	26, 31	42	- 7	0·9	0·01	- 0·31	0	- 0·6	0·01	29
Ajmer ...	28·267	-·008	S 66 W	2·8	80·2	62·4	93·8	+ 2·1	98	2, 3	64·8	0	57	20	32	- 28	2·3	0	- 0·33	0	- 0·7	0	...
Kotah ...	29·027	-·005	W	1·9	81·0	67·2	96·5	+ 1·6	101	3, 4	71·2	+ 0·5	64	31	45	- 2	4·0	0·01	- 0·55	0	- 0·8	0·01	28
Jhalrapatan ...	28·817	...	N 23 W	1·5	77·2	67·9	93·5	...	98	3	66·0	...	60	14, 20	59	...	1·9	0·04	...	0	...	0·04	27
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·16	- 0·50	1	0	0·16	29
Gujarat																							
Deesa ...	29·381	-·034	S 81 E	2·4	84·5	68·5	99·3	+ 1·8	103	4 days	68·5	+ 1·6	61	27	41	- 12	3·3	0·07	- 0·34	0	- 0·5	0·07	29
Bhuj ...	29·489	-·044	N 40 W	2·5	81·2	68·3	97·7	+ 1·7	103	4	73·0	+ 2·4	67	27	48	- 15	1·7	0·16	- 0·28	1	+ 0·6	0·16	29
Dwarka ...	29·811	-·039	N 2 E	7·3	82·6	75·0	90·7	+ 3·5	100	13	77·3	+ 1·3	73	7	69	- 9	3·9	0·40	+ 0·04	2	+ 1·7	0·19	22
Rajkot ...	29·401	-·043	N	3·7	80·3	70·5	96·8	+ 1·2	101	6 days	73·2	+ 4·9	67	6	59	- 6	5·1	0·51	- 0·14	2	+ 0·8	0·15	21, 28
Veraval ...	29·826	-·030	S 63 E	3·7	83·2	75·2	90·7	+ 2·0	101	12	76·3	+ 3·5	71	6	67	- 2	5·5	1·34	+ 0·69	3	+ 2·3	0·64	29
Surat ...	29·807	-·033	S 85 E	2·5	81·1	75·4	94·9	+ 1·2	100	6	76·1	+ 4·6	72	13, 15	76	+ 5	6·1	1·87	+ 0·12	6	+ 3·9	0·54	21
Bhavnagar ...	29·797	-·029	N 33 W	2·8	82·2	73·4	94·6	- 1·6	99	5 days	74·5	+ 4·1	71	5	63	+ 1	6·0	1·38	+ 0·63	3	+ 2·2	0·62	24
Ahmadabad ...	29·695	-·026	N 67 E	3·0	83·2	72·6	96·2	- 1·1	101	10, 11	75·6	+ 3·2	73	7 days	58	+ 2	4·3	0·37	- 0·22	2	+ 1·1	0·25	29
Dohad ...	28·858	...	N 73 E	2·8	76·8	71·4	93·7	...	98	11	69·6	...	64	13,16,31	75	...	4·4	3·16	...	2	...	2·04	19

*Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *a*—Mean of 30 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch ...	28·254	−·009	N 56 E	3·7	79·4	66·5	92·5	+ 1·4	97	2, 10	66·3	+1·8	61	14, 16	49	− 3	3·5	0	− 0·54	0	− 0·9	0	...
Indore ...	28·051	−·012	S 58 E	2·4	76·8	68·0	88·8	0	93	4 days	65·8	+2·2	58	31	62	+ 1	3·0	0·88	− 0·27	3	+ 1·0	0·43	9
Bhopal ...	28·238	...	S 23 E	2·1	78·0	68·4	89·8	...	93	4 days	67·3	...	58	31	60	...	3·5	0·59	...	2	...	0·39	17
Guna ...	28·288	...	S	1·5	74·6	66·0	90·5	...	93	1, 3, 10	63·6	...	55	22	62	...	1·5	0·16	...	1	...	0·16	7
Central India, East																							
Nowgong ...	29·109	+·001	S 61 W	1·6	75·1	68·4	93·8	+ 3·7	98	4 days	63·9	−1·3	56	31	70	+ 1	3·5	0	− 1·04	0	− 1·5	0	...
Satna ...	28·806	−·003	S 60 W	2·4	75·4	67·0	93·0	+ 4·9	97	4, 7, 10	63·4	−2·6	56	21, 31	62	− 7	3·4	0·56	− 1·54	2	− 0·2	0·29	23
Umaria ...	29·361	...	W	1·6	75·4	68·9	87·0	...	92	3, 5, 10	64·0	...	58	29, 30	70	...	2·6	1·80	...	3	...	0·85	17
Berar																							
Akola ...	28·926	−·019	N 37 E	2·6	79·2	70·2	93·6	+ 1·2	98	1, 5, 9	70·7	+4·1	64	30	62	+ 2	3·0	0·92	− 0·95	2	− 0·5	0·47	17
Amraoti ...	28·629	−·025	N 58 E	4·8	79·2	68·8	92·8	+ 1·7	97	3	71·8	+3·2	66	23	57	− 1	4·8	0·55	− 1·37	2	− 0·6	0·29	17
Central Provinces, West																							
Khandwa ...	28·810	−·018	S 67 E	2·9	77·5	70·2	93·0	+ 0·9	97	1, 9, 10	68·9	+2·5	59	15	67	+ 5	2·3	1·71	+ 0·48	2	0	1·42	17
Hoshangabad ...	28·879	−·008	N 61 E	3·0	78·1	71·5	90·5	+ 0·7	95	7, 11	69·1	+4·9	62	12, 31	71	+ 6	3·2	0·90	− 0·42	1	− 1·1	0·90	17
Saugor ...	28·015	−·018	S 60 W	2·5	77·5	66·3	88·5	+ 0·2	93	10	68·0	+1·6	62	22	54	− 1	3·2	0·90	− 0·12	1	− 0·8	0·90	17
Jubbulpore ...	28·535	+·004	S	1·1	73·7	68·1	88·9	+ 1·2	93	5 days	65·9	+1·7	59	30	75	+ 1	3·8	0·51	− 1·30	2	− 0·2	0·29	17
Seoni ...	27·836	−·009	N 24 E	2·9	77·8	68·5	87·5	+ 0·8	92	3	66·4	+2·2	60	14	60	− 2	1·8	0·79	− 1·10	3	+ 0·1	0·35	17
Nagpur ...	28·833	−·011	N 64 E	2·1	76·8	68·7	92·7	+ 2·1	98	1	69·6	+1·3	65	13,14,22	65	+ 1	4·8	0·97	− 1·13	3	0	0·42	16
Central Provinces, East																							
Pendra ...	27·822	−·003	N	1·1	73·5	67·2	84·3	+ 1·3	89	5 days	64·4	+0·6	58	12	70	+ 5	3·4	3·24	+ 0·38	3	− 0·5	2·05	23
Raipur ...	28·866	−·015	N 34 E	3·0	78·2	72·2	90·6	+ 2·2	96	2	70·8	+1·1	63	29	73	0	1·4	1·40	− 0·71	4	+ 0·7	1·00	23
Kanker ...	28·530	...	N 31 W	3·2	74·9	70·7	88·2	...	92	4 days	67·2	...	59	29, 30	82	...	4·9	2·53	...	2	...	2·22	16
Chanda ...	29·208	−·018	S 73 E	2·5	79·0	74·5	90·7	+ 0·6	98	17	70·2	+2·0	62	29	80	+ 6	2·5	0·07	− 1·66	0	− 2·7	0·07	16
Jagdalpur ...	28·032	−·016	N 30 W	5·4	75·4	70·7	87·1	+ 1·9	91	6 days	68·6	+1·9	61	11	80	− 2	6·5	0·53	− 3·66	2	− 3·6	0·20	17
Konkan																							
Bombay ...	29·798	−·035	S 76 E	5·2	81·3	77·4	90·3	+ 1·6	95	12	78·1	+2·7	73	26	83	+ 1	5·7	9·01	+ 6·85	9	+ 6·2	1·75	27
Ratnagiri ...	29·626	−·028	S 57 E	3·2	82·5	75·6	87·5	− 0·6	93	11,12,13	75·5	+1·2	72	30	71	− 6	1·4	8·32	+ 4·60	10	+ 5·0	1·82	3
Marmagao ...	29·647	−·012	S 77 E	4·6	80·0	76·1	86·2	...	90	11, 30	75·9	...	65	30	82	...	7·3	11·66	...	12	...	4·96	3
Karwar ...	29·791	−·030	N 27 W	1·4	77·2	75·9	86·7	+ 1·2	91	12	74·1	+0·4	71	12	93	+ 4	6·0	7·85	+ 2·22	10	+ 2·9	2·46	29
Bombay Deccan																							
Malegaon ...	28·435	−·014	N 13 W	3·3	77·9	70·4	91·3	− 0·5	95	5, 9, 10	69·4	+3·3	62	31	68	+ 8	8·0	3·12	+ 1·21	5	+ 2·3	1·09	19
Ahmadnagar ...	27·714	−·027	N 8 W	3·6	76·7	69·5	88·2	− 0·8	92	7	70·4	+4·9	61	12	69	+ 8	5·4	7·46	+ 5·43	9	+ 5·7	2·63	18
Poona ...	28·024	−·024	N 81 E	2·5	75·7	70·8	89·0	− 0·4	94	1	69·0	+2·5	61	30	78	+ 5	6·9	6·54	+ 2·80	8	+ 2·8	2·43	19
Sholapur ...	28·274	−·020	N 80 E	3·5	77·4	71·0	89·7	+ 0·5	95	2	70·6	+1·9	61	30	72	+11	4·5	7·46	+ 4·23	10	+ 5·7	2·70	16
Miraj ...	28·039	...	N 48 E	3·6	75·5	70·8	86·7	...	91	2	69·6	...	63	12, 30	80	...	6·1	10·20	...	12	...	2·12	2
Bijapur ...	27·897	−·024	N 12 W	2·6	75·6	70·7	87·6	− 1·2	92	2, 3, 4	70·3	+1·8	61	30	78	+ 8	5·3	7·20	+ 4·13	8	+ 3·4	2·80	19
Belgaum ...	27·304	−·020	N 59 E	2·3	71·2	68·5	83·5	+ 0·2	87	6, 7, 8	66·8	+1·5	62	12	88	+ 9	6·5	16·81	+12·14	18	+10·4	2·49	29
Gadag ...	27·726	...	S 73 W	4·5	74·8	70·3	86·2	...	90	4 days	69·5	...	67	13, 27	79	...	5·2	5·41	...	11	...	1·10	17
Hyderabad, North																							
Aurangabad ...	27·971	−·023	S 88 E	4·8	77·1	69·3	89·3	− 1·0	93	5, 9	69·6	+2·8	63	23, 30	66	+11	7·6	2·77	+ 1·21	6	+ 3·5	0·93	5
*Parbhani ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·66	− 1·07	3	+ 0·6	0·25	17
Nizamabad ...	28·597	−·009	N 46 E	1·2	77·3	71·8	91·6	+ 2·1	96	4	70·0	+1·8	75	4	76	+ 5	3·9	0·61	− 0·98	2	− 0·6	0·45	17
Hyderabad, South																							
Gulbarga ...	28·344	−·016	N 54 E	5·1	78·2	71·3	89·8	− 1·2	95	3	70·9	+1·7	63	30	70	+ 3	4·9	4·85	+ 1·84	9	+ 5·1	1·68	5
Raichur ...	28·535	−·007	N 72 E	4·6	79·0	72·7	89·9	− 0·3	95	4	73·3	+1·0	69	10	72	+ 4	4·3	2·15	− 1·29	4	− 0·1	0·85	20
Hyderabad ...	28·137	−·004	S 84 E	2·3	79·1	72·3	88·9	+ 0·5	95	3	70·7	+1·3	65	11	70	− 3	5·4	2·19	− 1·06	2	− 2·5	2·01	20
Hanamkonda ...	28·965	−·009	S 45 E	2·0	79·0	74·1	90·5	+ 0·5	95	3, 4	73·0	+2·6	66	11	78	+14	5·0	1·72	− 0·30	4	+ 0·4	0·71	15
Mysore																							
Chitaldrug ...	27·453	−·019	N 52 E	3·1	74·4	70·8	85·1	+ 0·2	90	7	69·4	+1·5	66	27	84	+ 8	7·7	7·92	+ 3·59	12	+ 5·4	1·90	27
Bangalore ...	26·867	−·017	N 10 W	3·5	71·6	68·5	82·4	+ 0·3	86	1, 7	63·7	−1·5	65	4 days	85	+ 3	9·0	13·26	+ 7·36	12	+ 3·1	2·40	20
Mysore ...	27·345	−·030	S 42 W	2·8	72·2	69·7	83·2	− 1·1	88	1	65·0	−1·8	65	23	88	+ 6	7·8	6·50	+ 0·04	13	+ 4·1	1·41	1
Malabar																							
Mangalore ...	29·766	−·029	N 81 E	3·8	78·6	75·9	85·4	− 0·7	89	8, 12	74·8	+0·3	73	22, 30	89	+ 6	7·8	19·23	+11·70	18	+ 7·8	2·75	8
Calicut ...	29·821	−·015	S 83 E	2·8	77·5	75·6	82·9	− 2·8	90	7	74·8	0	72	21	91	+ 3	8·2	31·36	+21·14	20	+ 8·7	5·71	25
Cochin ...	29·844	−·016	S 84 E	3·4	78·4	75·6	83·9	− 2·6	87	7, 18, 19	74·9	+0·1	73	4 days	86	+ 3	7·9	35·67	+22·45	24	+ 9·8	4·74	2
Trivandrum ...	29·631	−·034	N 5 W	4·5	77·5	74·9	82·9	− 0·1	86	1, 2, 5	75·0	+0·1	73	7 days	88	+ 3	7·8	20·32	+ 9·74	18	+ 5·8	3·14	14

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days.

STATION.	Pressure. At 8 h. reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·66	− 2·16	4	− 5·0	2·37	3
Pamban ...	29·800	− ·006	S 47 W	5·3	82·5	77·6	87·2	− 0·7	92	6	76·7	−0·8	74	20	79	− 3	5·5	12·10	+ 3·06	10	+ 0·6	5·26	11
Madura ...	29·355	− ·029	N 46 W	2·8	79·0	74·1	90·1	− 1·0	97	2	75·4	+1·2	72	30	78	+ 2	8·0	10·03	+ 2·21	13	+ 2·8	3·30	30
Negapatam ...	29·797	− ·014	N 82 W	4·0	80·4	76·5	87·3	− 1·5	93	3	77·0	+0·8	73	11	83	+ 2	7·9	7·83	− 2·65	11	+ 0·9	1·61	11
Trichinopoly ...	29·570	− ·024	S 64 W	3·0	80·4	75·8	90·1	− 1·1	96	1, 4	75·5	+1·1	73	7	80	+ 1	6·2	5·65	− 1·25	11	+ 1·6	1·57	30
Coimbatore ...	28·489	− ·025	S 19 W	3·3	76·6	73·1	85·6	− 2·4	92	6	71·7	+1·1	70	4 days	84	0	8·4	5·23	− 1·18	12	+ 2·3	0·82	28
Salem ...	28·905	− ·028	S 53 W	2·2	76·5	74·1	88·3	− 1·5	93	4, 6	72·9	+1·3	71	18, 20	88	+ 7	8·1	11·96	+ 5·22	19	+ 9·1	2·51	13
Cuddalore ...	29·791	− ·011	N 45 W	3·3	80·3	77·2	87·2	− 1·4	92	23, 25	76·2	+1·3	73	12, 13, 30	87	+ 3	7·2	12·53	+ 1·53	10	− 0·6	2·48	30
Vellore ...	29·105	− ·035	S 82 W	2·6	78·4	74·9	88·9	− 0·4	95	3, 4	73·4	+0·6	70	30	84	+ 2	6·1	4·02	− 2·32	9	+ 0·7	0·81	26
Madras ...	29·801	− ·018	S 85 W	6·2	81·0	77·6	87·0	− 2·6	93	3	76·2	+1·6	71	12	85	+ 2	6·9	21·63	+ 9·91	10	− 0·5	7·34	30
Madras, Deccan																							
Cuddapah ...	29·404	− ·014	N 33 E	4·2	82·4	76·3	92·6	+ 0·2	98	2, 3	76·7	+2·4	70	30	75	+ 2	6·2	1·66	− 3·38	5	− 1·5	0·48	12
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·46	− 0·25	6	+ 0·7	1·45	17
Bellary ...	28·364	− ·016	N 12 W	2·6	77·1	72·8	83·3	− 2·1	93	6	72·5	+1·3	68	18	80	+12	5·7	6·60	+ 2·70	7	+ 0·9	1·91	18
Kurnool ...	28·909	− ·014	N 23 W	3·2	80·6	73·5	91·8	+ 0·9	97	5 days	74·6	+3·2	71	13	70	− 4	6·0	2·31	− 1·16	4	− 0·9	0·97	20
Madras Coast, North																							
Nellore ...	29·763	− ·008	N 83 W	3·4	82·2	77·6	90·6	− 0·6	98	4	77·4	+1·7	71	13	81	0	5·7	4·51	− 3·85	7	− 1·0	3·15	12
Masulipatam ...	29·818	− ·019	N 25 W	4·2	81·2	77·8	87·3	− 1·7	91	9, 25	76·9	+1·0	71	12	85	+ 2	4·9	7·80	− 0·92	11	+ 2·7	2·98	12
Cocanada ...	29·807	− ·010	N 6 E	5·2	81·2	76·6	89·2	+ 1·1	95	2, 3, 4	76·8	+0·7	71	11	81	+ 2	6·4	6·88	− 0·97	9	+ 0·8	2·17	15
Vizagapatam ...	29·704	− ·009	N 32 W	d 4·3	82·2	76·3	87·9	− 0·1	93	11	77·5	+1·1	71	30	75	+ 1	5·5	4·40	− 2·67	5	− 2·3	2·00	14
Calingapatam ...	29·813	− ·016	N 32 W	6·0	81·3	77·4	89·3	+ 1·1	94	5 days	77·1	+1·6	71	11, 22	83	− 2	4·9	6·75	− 1·20	7	− 0·2	3·62	22
Gopalpur ...	29·779	− ·009	N 11 W	6·8	80·9	76·5	88·9	+ 0·9	93	11	75·7	+1·0	69	28	81	− 1	4·7	4·15	− 3·87	5	− 1·7	1·76	14
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·431	+ ·015	...	3·0	70·7	68·3	79·0	+ 2·3	84	29	62·7	+2·2	58	9	88	− 3	5·7	10·15	+ 2·53	11	− 0·6	3·85	9
Haka ...	24·137	...	N 11 E	4·0	60·0	57·9	71·1	...	75	4 days	57·0	...	54	8, 9, 10	89	...	2·8	4·05	...	9	...	1·81	24
Kanpetlet ...	23·959	...	S 45 E	...	64·3	60·9	68·8	...	73	2	57·3	...	54	31	82	...	5·2	19·92	...	23	...	2·35	13
Shillong ...	25·147	+ ·004	S 49 W	1·4	66·9	60·4	72·3	+ 0·9	76	22, 29	55·3	+0·5	49	12	68	−10	3·7	1·32	− 5·48	7	− 3·0	0·26	6
Cherrapunji ...	25·702	+ ·009	S 45 E	5·3	68·5	62·7	72·5	+ 0·6	77	28, 30	60·6	+0·3	56	12	71	−10	4·3	7·10	−14·16	9	− 0·1	1·52	25
Darjiling ...	22·970	− ·015	E	2·7	57·8	52·9	61·7	0	67	23	51·1	+1·0	46	9	73	−13	6·3	1·05	− 3·49	3	− 1·6	0·62	24
Kalimpong ...	26·003	− ·008	N 55 W	5·6	65·0	62·7	72·0	+ 0·4	76	1	60·9	+0·6	56	30	87	+ 3	5·3	1·18	− 1·37	2	− 1·4	0·77	24
Mukteswar ...	22·874	+ ·002	N 68 W	5·5	56·2	45·1	64·3	− 1·8	70	1, 21	51·5	+1·9	49	7 days	41	−16	1·9	0·53	− 0·84	1	− 0·8	0·51	23
Mussooree ...	23·403	+ ·039	N 21 W	4·4	56·8	47·3	65·1	+ 0·2	71	4	52·4	+1·0	48	7, 24	49	−11	1·8	0·79	...	2	...	0·60	24
Simla ...	23·143	− ·001	N 52 E	2·3	59·2	44·4	64·8	+ 0·4	70	4 days	52·5	+1·1	46	24	26	−17	1·6	0·14	− 0·94	0	− 1·6	0·08	24
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·11	− 1·39	0	− 1·4	0·06	16
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·09	− 0·83	0	− 1·4	0·06	16
Murree ...	24·278	...	N 47 E	4·0	58·5	44·4	66·3	− 2·2	74	1	49·8	−3·6	44	30	30	−14	2·1	0·76	− 0·74	2	− 0·4	0·42	16
Cherat ...	25·746	+ ·016	N 14 W	7·8	65·2	54·4	77·3	+ 0·1	87	1	60·1	+2·1	49	30	47	+ 6	1·1	0·07	− 0·36	0	− 1·2	0·07	17
Parachinar ...	24·498	+ ·020	W	3·7	62·4	46·2	74·2	− 0·3	82	1	48·6	−0·2	38	27	26	−15	0·5	0	− 0·87	0	− 2·2	0	...
Drosh ...	...	...	N 67 E	2·7	54·0	46·0	74·6	− 2·4	88	1	a 51·5	−1·6	43	27, 28	52	0	1·4	1·20	− 0·02	5	+ 2·4	0·33	27
Mount Abu ...	26·045	− ·013	N 67 E	2·5	74·1	59·0	81·0	+ 2·0	84	11, 12, 13	65·1	+0·5	62	5 days	39	− 5	4·1	0·41	− 0·58	1	− 0·1	0·40	29
Pachmarhi ...	26·446	+ ·006	S 70 E	1·9	73·3	62·9	80·2	+ 1·2	85	2	59·3	−0·2	54	13, 14, 15	55	− 5	4·2	3·66	+ 1·49	3	− 0·1	2·91	17
Mahableshwar ...	25·493	...	E	...	68·0	64·2	75·5	...	79	4	62·8	...	60	12	80	...	6·5	5·52	...	13	...	0·79	20
Mercara ...	26·148	− ·017	N 71 E	m 3·6	66·9	65·7	74·8	− 0·7	79	6	63·6	+1·5	59	22	95	+ 6	7·0	11·78	+ 3·06	20	+ 6·6	1·62	1
Kodaikanal ...	22·771	− ·001	N 22 W	4·9	56·4	54·8	62·5	− 0·3	66	5, 6, 28	52·2	+2·1	50	23, 28	91	+10	8·0	15·01	+ 5·33	24	+ 8·9	3·53	8
Coonoor ...	22·426	...	S 23 E	2·5	64·9	61·2	68·7	...	72	10, 25	57·5	...	53	23	82	...	8·2	13·32	...	22	...	2·19	30
Ceylon																							
Colombo ...	29·833	− ·016	S 56 W	4·2	78·2	75·9	84·4	− 1·5	87	1	75·3	+0·1	73	6 days	89	+ 3	8·2	31·87	+17·72	24	+ 8·0	8·09	28
Trincomalee ...	29·714	+ ·004	S 63 W	4·9	77·5	74·6	a 86·3	− 3·1	92	4	74·8	−0·6	73	11, 14, 19	86	0	6·5	15·22	+ 7·63	17	+ 6·3	3·07	10
Hambantota ...	29·759	− ·040	N 74 W	9·4	79·4	75·4	85·7	− 0·7	91	21	75·2	+0·1	71	1	82	− 8	5·1	6·44	+ 2·20	9	+ 1·2	2·65	1
Nuwara Eliya ...	24·041	...	...	...	59·9	58·2	67·2	...	71	6, 9	53·8	...	49	1	92	...	6·9	12·70	...	19	...	2·20	6
Arabia																							
†Aden ...	29·781	− ·022	N 39 E	8·2	82·4	76·0	94·3	+ 4·7	99	24, 26	78·9	+1·0	74	30, 31	73	+ 1	2·4	0	− 0·09	0	− 0·2	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *a*—Mean of 30 days. *d*—Mean of 27 days. *m*—Mean of 18 days.

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MONTHLY WEATHER REPORT

FOR

November 1932

(Supplement to the Indian Daily Weather Report for the 23rd December 1932)

Published by order of the Governor-General in Council

Summary.—(1) Excess of rainfall in the Peninsula and northeast India; (2) two cyclonic storms in the Bay of Bengal; (3) eastward passage of two feeble western disturbances through Kashmir.

The Bay depression, which was centred near Lat. 13° N and Long. 83° E on the 31st October, moved northwards and crossed the coast near Cocanada on the 2nd morning. Thereafter it moved to the east Central Provinces and then curved to north Bengal where it filled up on the 6th. It was responsible for widespread rain in the north Madras coast from the 1st to 3rd and in northeast India on the 2nd, 3rd and 4th, rainfall also extending into the east Central Provinces and the United Provinces on the 2nd and 3rd; extensive rain also occurred from Bihar to Assam on the 5th. Widespread thunderstorm rain continued in south Madras up to the 8th, rainfall extending into the Deccan on the 5th and 6th. With a strengthening of the northeast monsoon, conditions became unsettled in the south of the Bay of Bengal on the 10th and a depression formed by the next morning with centre near Lat. 10° N and Long. 85° E. By the 12th morning, the depression had intensified into a storm with centre near Lat. 15° N and Long. 84° E. The storm moved northeastwards, but it weakened into a depression on the 14th while approaching southeast Bengal and filled up over north Burma after two days. The storm caused widespread rain in south Madras on the 9th, round the head of the Bay on the 12th and 13th and in east Bengal on the 14th and 15th; rainfall also extended into Assam and the Arakan on the 13th, 14th and 15th and in Upper Burma on the last date. During the first fortnight, scattered falls of rain occurred in Lower Burma almost daily.

With an intensification of the seasonal trough of low pressure in the south of the Bay of Bengal, the monsoon strengthened in south Madras, where widespread rain occurred on the 19th and 20th. Conditions became unsettled in the south Bay between Ceylon and the Andaman Sea on the 21st, where a depression formed on the next day. In the course of the next 24 hours, the depression had intensified into a storm which was centred near Lat. 10° N and Long. 82° E on the 24th morning. It moved in a northwesterly direction and weakened into a depression while approaching the Coromandel coast. After passing inland near Madras early on the 26th morning, it weakened further into a low pressure area, which moved to the east Arabian Sea by the next morning and persisted there till the end of the month. The storm was responsible for general and locally heavy rain on the Coromandel coast on the 22nd and in south Madras on the 23rd, 24th and 25th; rainfall also extended into the north Madras coast, the south Deccan and Mysore on the 24th and 25th, while scattered falls occurred in the Peninsula from the 25th to 30th. It is reported that very heavy rain in Jaffna (Ceylon) in connection with this storm caused considerable damage to paddy and tobacco crops there. Scattered thundershowers occurred in the Deccan between the 16th and 19th and in Lower Burma from the 16th to 30th.

2. During the month two feeble western disturbances passed eastwards through Kashmir without giving any precipitation, the first causing cloudy weather in northwest India on the 21st and 22nd and the second in Kashmir on the 26th.

3. The month's rainfall was in large excess in Assam, Bengal, Bihar and Orissa, the United Provinces, the east Central Provinces, the Bombay Deccan, Hyderabad, Mysore, Malabar, the Madras Deccan and the north Madras coast, in slight to moderate excess in the Bay Islands and southeast Madras and normal in Burma; it was in moderate to large defect elsewhere. Averaged over the plains of India, the total rainfall of the month was in excess by 65 per cent.

4. Minimum temperature was above normal in northeast India on the first five days of the month. Nights were comparatively cool in and around west Central India from the 11th to 16th

and warm in the north Deccan and the Central Provinces on the last four days of the month. Both the mean monthly maximum and minimum temperatures were above normal in Upper Burma. The mean maximum temperature was above normal in the Punjab, Kashmir, the North-West Frontier Province, west Rajputana and east Central India and below it in Orissa, Chota Nagpur and Malabar; the mean minimum was above normal in Assam, Bengal, Orissa, Berar, the east Central Provinces, Hyderabad, Mysore, the Madras Deccan and the north Madras coast and below it in the Punjab, Rajputana and Central India.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was normal in Burma and in slight excess in the Bay Islands. Cloud amount was above normal in the Bay Islands and Lower Burma and humidity in defect in the former sub-division. Both maximum and minimum temperatures were above normal in Upper Burma.

Northeast India, including Orissa.—The total rainfall during the month was in large excess. Cloud amount was above normal. Humidity was in excess in Orissa. Maximum temperature was below normal in Orissa and Chota Nagpur and the minimum above it in Assam, Bengal and Orissa.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in large excess in the United Provinces and the east Central Provinces and in moderate to large defect elsewhere. Cloud amount was above normal in the east United Provinces, east Central India and the Central Provinces. Humidity was in excess in the east Central Provinces and in defect in Central India and the west Central Provinces. Maximum temperature was above normal in east Central India; the minimum was above normal in Berar and the east Central Provinces and below it in Central India.

Northwest India.—The total rainfall during the month was in moderate to large defect. Cloud amount was above normal except in Kashmir and Gujarat, where it was normal. Humidity was in defect in the Punjab, the North-West Frontier Province, Rajputana and Gujarat and in excess in Kashmir. Maximum temperature was above normal in the Punjab, Kashmir, the North-West Frontier Province and west Rajputana and the minimum below it in the Punjab and Rajputana.

The Peninsula.—The month's total rainfall was in moderate defect in the Konkan and in moderate to large excess elsewhere. Cloud amount was above normal. Humidity was in excess in the Bombay Deccan, Hyderabad, Mysore, the Madras Deccan and the north Madras coast. Maximum temperature was below normal in Malabar and the minimum above it in Hyderabad, Mysore, the Madras Deccan and the north Madras coast.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 8th December 1932.

C. W. B. NORMAND,
Director-General of Observatories.

Table I—Divisional and Sub-divisional Means—November 1932

Division	Rainfall. Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Departure from normal of Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Burma ...	3·00	3·05	−0·05	−2	+2·3	+2·3	−2	+0·1
2. Assam ...	2·96	0·86	+2·10	+244	+0·1	+4·0	+1	+2·0
3. Bengal ...	5·52	0·95	+4·57	+481	+0·3	+2·6	+3	+1·9
4. Bihar and Orissa ...	3·38	0·68	+2·70	+397	−1·5	+1·5	+4	2·4
5. United Provinces .	0·70	0·24	+0·46	+192	0·4	0·2	+1	0·5
6. Punjab ...	0	0·12	−0·12	−100	+2·4	+2·6	−11	0·6
7. North-West Frontier Province.	0	0·22	0·22	100	+1·2	+1·9	−11	−0·7
8. Sind ...	0	0·06	0·06	−100	+0·7	+1·6	−2	−0·8
Division—*contd.*								
9. Rajputana ...	0	0·11	−0·11	−100	+1·3	+3·5	−15	−0·4
10. Bombay ...	0·93	0·62	+0·31	+50	+0·4	+0·2	5	+0·7
11. Central India ...	0·01	0·33	−0·32	−97	+1·4	+3·6	−7	+0·5
12. Central Provinces	0·62	0·58	+0·04	+7	+0·1	+1·6	2	+1·2
13. Hyderabad ...	2·48	0·89	+1·59	+179	−0·7	+2·5	+6	+2·1
14. Mysore ...	4·78	2·59	+2·19	+85	0·5	+2·0	+6	+1·5
15. Madras ...	9·69	6·53	+3·16	+48	0·9	+1·6	−3	+1·5
Mean of India ...	2·41	1·48	+0·96	+65	+0·7	+0·4	−3	+0·7

Sub-division	Rainfall. Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Departure from normal of Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
1. Bay Islands ...	11·03	9·51	+1·52	+16	+1·5	−0·5	−4	+1·7
2. Lower Burma ...	3·92	3·95	−0·03	−1	+1·6	+1·7	−1	+0·8
3. Upper Burma ...	1·68	1·77	−0·09	5	+3·4	+3·1	−3	−0·8
4. Assam ...	2·96	0·86	+2·10	+244	+0·1	+4·0	+1	+2·0
5. Bengal ...	5·52	0·95	+4·57	+481	+0·3	+2·6	+3	+1·9
6. Orissa ...	5·98	1·71	+4·27	+250	+2·1	2·5	5	+2·6
7. Chota Nagpur ...	1·92	0·45	+1·47	+327	2·2	+1·5	+3	+1·9
8. Bihar ...	2·73	0·30	+2·43	+810	0·6	+0·7	+3	+1·8
9. United Provinces, East.	1·09	0·28	+0·81	+289	0	+1·3	+1	+1·0
10. Do. do. West.	0·37	0·21	+0·16	76	+0·2	+1·7	3	−0·1
11. Punjab, East and North.	0	0·14	−0·14	−100	+2·1	+2·7	−10	0·5
12. Do. Southwest.	0	0·10	−0·10	−100	+2·2	+2·4	−13	−0·9
13. Kashmir ...	0·24	0·41	−0·17	−41	+2·9	+1·0	+5	−0·6
14. North-West Frontier Province.	0	0·22	−0·22	−100	+4·2	+1·9	11	−0·7
15. Baluchistan ...	0	0·26	−0·26	−100	+0·5	+1·7	−3	−0·6
16. Sind ...	0	0·06	−0·06	−100	+0·7	+1·6	−2	−0·8
17. Rajputana, West.	0	0·07	−0·07	−100	+2·5	+2·1	−19	−0·4
Sub-division—*contd.*								
18. Rajputana, East.	0	0·12	−0·12	−100	+0·6	+4·5	−13	−0·4
19. Gujarat ...	0	0·11	−0·11	−100	+1·7	+1·3	−16	+0·1
20. Central India, West	0	0·31	−0·31	−100	+0·2	+2·6	11	−0·1
21. Do. do. East.	0·03	0·36	−0·33	−92	+2·7	+4·7	−4	+1·1
22. Berar ...	0·07	0·51	−0·44	−86	0	+2·6	−3	+1·9
23. Central Provinces, West.	0·36	0·58	−0·22	−38	0	+0·9	−7	+0·9
24. Do. do. East.	1·28	0·60	+0·68	+113	+0·2	+2·3	+7	+1·3
25. Konkan ...	0·59	1·09	−0·50	−46	0	+1·5	0	+0·6
26. Bombay Deccan ...	2·33	1·03	+1·30	+126	+1·1	+1·4	+6	+1·6
27. Hyderabad, North	1·18	0·76	+0·42	+55	−0·3	+2·8	+4	+2·1
28. Do. South	3·46	1·00	+2·46	+246	1·0	+2·4	+7	+2·2
29. Mysore ...	4·78	2·59	+2·19	+85	−0·5	+2·0	+6	+1·5
30. Malabar ...	8·87	5·41	+3·46	+64	−2·1	+0·2	+2	+1·0
31. Madras, Southeast	11·55	9·13	+2·42	+27	0·4	+1·4	+1	+1·5
32. Do. Deccan ...	4·29	2·42	+1·87	+77	−1·8	+3·2	+7	+2·0
33. Do. Coast, North	10·73	5·67	+5·06	+89	−0·5	+2·2	+4	+1·5

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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	29·792	-·027	N 6 W	4·5	79·5	75·0	85·1	-1·5	88	3, 16	76·6	-0·5	73	20, 21	80	-4	7·4	11·03	-1·52	16	-3·8	2·83	21
Lower Burma																							
Victoria Point	29·788	-·003	N 55 E	3·6	78·0	71·8	82·7	-2·4	88	11	71·6	+0·1	72	20	86	-4	7·6	12·68	-6·32	16	-5·2	2·53	20
Mergui	29·819	-·015	E	...	76·7	74·7	86·6	0·5	91	11	72·6	+1·9	71	21	91	+8	3·3	7·10	-3·09	11	-5·0	3·18	15
Tavoy	29·879	-·013	N 45 E	2·2	78·5	74·3	90·2	+2·3	94	25, 29	71·5	+1·4	67	2	82	1	5·7	5·95	-3·65	6	-5·3	1·92	8
Amherst	29·841	...	S 86 E	1·4	80·6	75·0	89·1	...	93	10	71·5	...	68	22	76	...	5·2	1·12	...	3	...	0·75	8
Rangoon	29·893	-·013	N 39 E	2·8	78·2	71·6	90·1	+2·9	93	11, 27	75·0	+2·3	69	22, 23	84	2	4·9	0·68	-0·31	2	-1·4	0·51	15
Bassein	29·881	-·016	N 17 E	2·3	79·0	75·1	89·3	+3·2	92	8, 16, 18	73·1	+1·2	67	22, 23	82	3	5·1	1·05	-2·19	3	-1·2	0·43	9
Diamond Island	29·839	-·028	N 56 E	7·7	81·8	77·2	86·5	+1·0	89	17, 18	78·1	+2·3	71	9	81	1	3·9	5·72	-0·29	7	-1·5	1·77	9
Gwa	29·887	...	S 15 E	2·7	79·4	76·1	88·2	...	91	11	72·2	...	63	23	81	...	2·2	1·30	-0·43	5	-2·1	0·70	9
Toungoo	29·767	-·009	N 14 W	2·2	75·9	72·5	90·6	+3·8	94	8	70·9	+1·4	63	25, 28	81	5	3·9	0·32	-1·50	1	-1·8	0·11	9
Kyaukpyu	29·881	-·014	N 79 E	2·9	80·1	75·5	86·7	+2·3	91	12	76·4	+3·1	68	30	80	-4	4·0	1·31	-5·23	6	-1·7	0·36	23
Akyab	29·891	-·018	N 15 E	5·7	76·8	73·5	86·3	+1·9	91	11	72·1	+1·2	63	29, 30	81	-6	4·9	2·71	-2·77	6	-2·3	1·11	16
Upper Burma																							
Minbu	29·749	-·011	N 37 W	...	77·3	72·2	89·8	+3·1	95	17	72·1	+3·2	63	29, 30	77	3	1·9	0·85	-0·97	2	-0·5	0·65	11
Yamethin	29·273	-·019	N 8 W	1·7	75·9	71·5	89·9	+3·0	94	8	69·5	+2·0	59	27, 29, 30	79	7	2·3	2·22	-0·33	3	-0·1	1·11	20
Mandalay	29·672	-·033	S 40 E	1·5	74·6	71·7	91·3	+3·6	95	6, 7, 9	71·1	+3·2	60	27	86	2	2·9	2·73	-1·10	3	0	1·82	20
Monywa	29·668	-·024	N	2·1	74·7	71·3	90·6	+1·7	95	8, 9	70·4	+2·5	61	28, 29, 30	83	3	4·4	0·61	-1·01	2	-0·1	0·32	1
Lashio	27·161	-·005	N 3 E	1·6	61·5	62·1	80·0	+2·8	83	5, 6, 10	59·1	+3·1	49	30	89	-4	5·5	0·55	-2·22	2	-2·9	0·25	21
Bhamo	29·561	-·030	N 24 E	2·0	69·8	66·6	83·1	+1·9	91	1	64·2	+1·2	51	28	85	7	3·3	0·33	-1·17	1	-1·7	0·15	16
*Myitkyina	29·480	-·023	N 25 E	2·3	68·6	66·6	83·0	+2·6	90	7	61·2	+3·1	53	29, 30	90	3	4·9	4·16	-3·29	3	-1·0	1·66	17
Assam																							
Dibrugarh	29·610	-·041	N 63 E	1·7	65·4	61·3	79·3	-0·2	86	2	65·2	+2·2	51	25	91	4	4·9	5·08	-3·98	9	-6·7	2·10	3
Silsagar	29·652	-·026	N 11 E	2·1	66·9	66·6	80·4	+2·7	88	2	63·9	+1·3	51	21	97	1	9·9	2·49	-1·39	4	-1·9	0·93	6
Tezpur	29·726	-·026	N 83 E	1·2	70·4	67·6	81·7	+1·2	88	1, 2	65·4	+4·0	57	4 days	85	4	4·8	2·08	-1·34	4	+2·6	1·10	3
Gauhati	29·739	-·055	S 75 E	1·3	69·3	67·9	81·3	+0·2	89	6	66·1	+5·1	57	29	92	0	6·8	0·78	-0·31	2	-1·0	0·38	6
Dhubri	29·858	-·035	N 49 E	5·3	70·1	68·0	78·4	-1·4	85	2	66·7	+3·0	60	28	90	1	4·2	3·32	-3·02	5	+1·5	1·58	6
Silchar	29·806	-·010	N 86 E	1·4	71·8	69·1	85·1	+0·1	92	1	66·9	+3·4	58	27, 28, 30	88	2	4·9	3·63	-2·23	6	-1·2	1·73	16
Srimangal	29·872	-·024	N 63 E	...	71·6	69·8	85·1	+1·5	92	1	65·3	+5·9	54	29	90	0	3·8	3·26	-2·45	5	+3·9	1·32	1
Bengal																							
Cox's Bazar	29·878	-·013	N 63 E	1·4	76·1	72·8	85·4	+1·0	91	1, 3, 12	69·3	+1·9	57	29	84	1	1·8	9·20	-5·52	5	+1·7	3·26	16
Chittagong	29·835	-·025	N 17 E	1·3	73·1	70·1	85·9	+2·7	93	3, 12	69·0	+3·4	58	30	88	-1	1·5	12·63	-10·76	7	+5·2	5·38	15
Noakhali	29·901	-·027	N 21 E	3·5	71·5	71·7	81·6	+1·6	90	1	70·5	+6·2	61	29	86	+1	3·8	6·27	-4·53	6	+1·2	2·64	15
Comilla	29·885	...	N 61 E	1·4	74·2	71·1	82·5	...	93	1	68·1	...	57	29	86	...	4·2	3·33	-2·30	4	+2·6	1·28	15
Narayanganj	29·897	-·036	N 1 E	2·5	71·6	70·2	85·8	+2·3	94	1	68·9	+2·8	60	29	84	3	3·6	2·40	-1·42	5	+3·9	0·78	14
Mymensingh	29·882	-·022	N 31 E	1·8	71·7	69·2	83·1	+0·8	90	1	66·9	+2·2	57	29	88	1	3·9	4·43	-3·55	8	+7·1	1·40	2
Faridpur	29·902	...	N	3·1	71·7	69·1	81·0	...	92	1	67·5	...	58	30	88	...	1·8	5·95	-4·85	8	+6·7	2·38	2
Barisal	29·910	-·023	N 36 E	3·0	71·4	71·2	81·5	+1·6	92	1	68·8	+3·5	58	29	86	3	3·5	6·94	-5·46	5	+3·4	3·36	14
Khulna	29·923	-·030	N 23 E	2·9	73·6	69·8	83·0	-0·1	90	1	68·2	+3·7	58	29	84	4	4·4	6·95	-5·88	8	+6·6	2·52	14
Jessore	29·918	-·018	N 18 E	2·1	72·1	69·8	83·2	...	91	1	64·9	...	52	29	88	+6	3·9	4·06	-3·01	5	+3·9	1·21	13
Satkhira	29·916	-·052	N 11 E	2·0	71·8	69·3	83·9	+1·2	91	1	66·2	+3·7	56	29	88	3	3·8	7·12	-6·47	8	+7·1	2·97	1
Calcutta	29·916	-·032	N 13 E	2·2	70·7	68·2	81·7	-0·5	90	1	67·6	+2·9	58	30	87	5	4·1	8·89	-8·23	6	+5·0	3·26	2
Saugor Island	29·907	-·042	N 24 E	8·0	71·1	70·6	80·5	-1·6	86	7	69·8	+2·7	61	30	83	2	5·5	10·93	-9·46	6	+4·6	2·85	2
Sandheads	29·888	-·046	N 30 E	...	79·0	72·9	...	...	...	...	...	...	...	...	71	5	3·7	11·66	-9·40	7	+4·8	2·98	3
Midnapore	29·792	-·023	N 21 E	2·2	69·4	66·7	81·8	-2·8	90	1	65·2	+1·7	55	30	87	+16	4·1	3·17	-2·29	6	+4·9	1·45	3
Burdwan	29·840	-·035	N 45 E	1·2	69·5	66·8	82·7	-0·9	90	1	65·7	+1·4	56	30	87	+11	3·4	3·75	-2·89	5	+4·0	1·60	3
Krishnagar	29·891	...	N	2·2	71·0	67·5	82·9	...	89	1	63·8	...	53	30	82	...	4·1	4·18	-3·20	7	+5·8	1·43	3
*Bankura	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·79	-1·15	4	+2·9	0·73	3
Asansol	29·511	-·035	N 61 W	3·5	68·0	64·6	82·7	+0·1	89	1	62·4	+2·0	53	30	82	+5	3·6	1·32	-0·41	3	+1·3	0·60	4
Berhampore	29·890	-·022	N 24 W	2·1	70·7	67·8	84·2	+2·1	90	1	64·1	-0·2	53	30	85	+2	3·2	2·86	-2·24	4	+3·3	1·86	3
*Rampur Boalia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·05	-1·56	5	+4·3	0·55	3
*Sirajganj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·09	-5·47	8	+7·3	1·70	6
Bogra	29·881	-·023	N 11 E	2·1	71·0	68·3	82·2	-0·1	89	1, 2	65·8	+3·0	57	28	87	+3	4·3	5·54	-4·80	7	+6·3	1·81	3
Malda	29·843	...	N 5 W	3·5	69·4	66·2	82·0	..	89	1	63·6	...	54	30	85	...	3·8	4·00	-3·65	4	+3·3	1·19	3
Dinajpur	29·816	-·039	N 11 E	1·3	68·5	65·5	81·7	-0·7	89	2	63·3	+2·5	55	28	84	+1	3·8	6·07	+5·85	5	+4·6	3·00	6
*Rangpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·64	+7·43	6	+5·7	3·97	6
*Cooch Behar	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·59	+5·36	5	+4·6	3·48	6
Jalpaiguri	29·690	-·020	N 21 W	1·8	67·5	65·4	82·8	+1·0	90	2	62·1	+1·2	55	22	89	+5	3·1	5·81	+5·61	5	+4·6	2·68	6

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·865	-·012	N 9 W	3·5	71·8	67·9	78·0	-6·1	86	6	66·5	3·4	58	24	80	0	5·5	6·48	5·11	5	3·7	2·61	3
Chandbali	29·903	...	N 13 E	1·4	72·6	69·6	81·2	...	90	6	67·8	...	59	24, 25	85	...	1·4	12·42	...	7	...	4·20	13
Puri	29·883	-·056	N 21 E	8·3	71·6	70·2	82·8	-2·1	87	6, 7, 8	71·5	2·3	65	24, 25	79	0	1·8	11·59	7·87	8	5·6	3·89	2
Cuttack	29·811	-·039	N 79 E	1·4	72·8	69·1	81·6	0·3	90	6, 8	68·3	2·0	60	24	83	5	5·0	6·98	5·45	5	3·3	2·45	3
Angul	29·166	-·031	N 60 W	3·0	70·1	67·5	82·2	1·9	88	19	65·5	3·1	57	24, 25	87	11	5·8	3·73	2·62	4	2·8	1·52	2
Sambalpur	29·136	-·058	N 27 E	3·3	69·2	65·5	83·6	-0·2	89	2	63·1	1·6	55	9, 10	82	7	1·6	1·14	0·31	2	1·0	0·74	5
Chota Nagpur																							
Jamshedpur	29·502	...	N 68 W	2·6	67·7	64·2	83·2	...	89	1	61·8	...	50	30	82	...	3·9	1·10	...	2	...	0·74	3
Chaibasa	29·191	-·030	S 45 W	1·6	68·2	64·9	81·5	-1·6	87	1	61·5	1·1	51	26	82	1	4·1	1·08	0·38	3	2·0	0·60	3
Ranchi	27·767	-·027	N 55 W	2·6	65·6	59·5	75·5	-2·3	82	2	57·4	-0·5	49	26	71	7	4·4	2·64	2·26	3	2·2	1·52	5
Hazaribagh	27·914	...	N 22 W	5·8	64·4	60·2	75·3	...	83	1	56·6	...	45	29	79	...	4·2	3·44	2·77	3	2·1	2·29	5
Daltonganj	29·227	-·026	E	2·6	64·0	60·5	80·3	-2·7	88	1, 2	57·8	3·7	48	30	81	1	2·3	0·82	0·45	4	0·4	0·70	5
Bihar																							
Purnea	29·826	-·010	N 18 W	2·0	67·4	65·0	82·0	0·2	90	1	60·4	0·8	52	21, 30	87	2	2·8	6·38	6·17	4	3·6	4·52	6
Darbhanga	29·789	-·032	N 63 W	2·1	69·3	65·8	79·0	2·8	84	1, 2	59·8	1·0	51	25, 26, 30	82	0	2·6	2·19	2·28	4	3·7	1·20	5
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·79	2·56	3	2·6	1·68	4
Motihari	29·711	-·061	N 45 E	1·8	66·2	63·6	82·5	0·5	90	1	56·2	0	51	23, 26, 30	87	0	2·2	2·58	2·38	3	2·8	1·97	4
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·15	1·89	2	1·6	1·20	4
Patna	29·785	-·025	S 79 W	2·6	68·5	64·1	81·8	0·1	90	2	62·9	1·9	54	25, 29	77	7	3·6	2·50	2·22	3	2·6	0·98	4
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·50	2·23	3	2·5	1·36	4
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·71	0·28	4	3·4	0·33	3
Gaya	29·583	-·033	S 4 E	2·6	69·2	63·4	82·8	0·4	92	2	61·0	1·2	53	26, 29, 30	79	6	3·3	3·05	2·60	4	3·4	1·25	5
Nawa Dumka	29·451	-·027	N 27 W	2·4	68·6	64·9	86·9	1·3	88	2	61·2	1·2	50	30	82	9	3·1	2·14	1·53	3	2·3	1·35	5
Sahibganj	29·828	...	S 50 W	3·5	66·3	64·6	80·5	...	88	1	61·0	...	50	30	92	...	3·6	2·76	2·43	4	3·5	0·96	5
United Provinces, East																							
Gorakhpur	29·762	-·021	S 11 E	1·7	65·3	62·6	82·1	-0·6	92	1	58·9	1·1	51	29	86	10	2·7	1·57	1·40	2	1·7	1·01	5
Benares	29·706	-·033	S 55 W	3·1	66·5	61·1	82·1	-0·7	91	1	57·6	2·1	50	29, 30	71	3	2·8	2·75	2·45	2	1·4	2·28	4
Allahabad	29·647	-·035	S 79 W	2·3	63·9	58·1	82·7	-0·7	90	3	56·2	0·9	48	30	67	1	2·3	0·26	0·07	1	0·4	0·22	3
Fatehpur	29·661	...	N 73 W	1·6	69·9	62·2	81·2	...	91	2	54·2	...	47	30	63	...	1·6	0·02	...	0	...	0·02	4
Cawnpore	29·546	-·022	N 73 W	1·4	64·3	57·6	85·3	1·5	91	2, 3	54·5	0·2	48	30	60	7	0·8	0	-0·40	0	-0·4	0	...
Lucknow	29·596	-·024	N 51 W	1·4	62·4	58·4	83·6	0·1	90	1, 2, 3	55·4	1·9	49	30	80	10	1·4	1·12	0·93	1	0·6	1·03	4
Bahraich	29·543	-·023	S 62 W	1·8	66·2	61·5	82·4	-0·7	90	2	57·8	1·1	49	29	76	0	1·4	0·83	0·55	3	2·4	0·58	4
Gonda	29·613	...	N 38 W	1·8	64·2	60·8	82·5	...	91	1, 2	57·2	...	48	29	81	...	2·0	1·54	...	3	...	1·28	5
United Provinces, West																							
Jhansi	29·141	-·028	S 72 W	1·0	66·3	54·8	85·2	-0·3	90	1, 2	52·1	-6·4	46	26	43	-9	0·9	0	-0·17	0	-0·4	0	...
Agra	29·408	-·027	N 84 W	3·0	57·0	49·4	83·9	-1·6	89	3	47·6	-1·9	43	21, 25, 30	54	4	1·0	0	-0·12	0	-0·3	0	...
Mainpuri	29·439	-·026	N 39 W	1·9	63·0	55·4	84·6	0·3	91	3	51·1	-2·8	45	30	59	7	0·9	0·72	-0·54	1	0·7	0·65	3
Aligarh[h]	29·351	...	N 66 W	4·2	62·2	53·3	83·9	...	90	2	52·3	...	46	20	51	...	0·2	0	...	0	...	0	...
Bareilly	29·400	-·003	N 69 W	1·4	62·2	56·9	83·4	-2·0	89	1, 2	54·1	-0·8	47	30	69	6	0·8	0·77	-0·54	1	0·6	0·77	3
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	-0·15	0	-0·4	0	...
Roorkee	29·043	-·028	S 51 E	1·6	57·8	54·9	79·1	-0·8	86	2	50·6	-0·8	43	30	81	4	0·5	0·82	+0·55	1	+0·5	0·82	3
Dehra Dun	27·700	-·022	N 33 E	1·1	53·9	50·0	77·2	+1·7	82	1, 2	51·1	-0·7	45	29	75	4	1·1	0·28	-0·10	1	+0·3	0·28	3
Punjab, East and North																							
Delhi	29·241	-·017	S 67 W	2·1	61·0	49·8	82·8	...	89	3	51·4	...	45	20	40	...	0·3	0	-0·11	0	-0·3	0	...
Hissar	29·254	-·007	S 39 W	2·4	59·2	49·3	85·6	+1·0	90	2, 3	47·0	-3·3	43	20, 30	43	-17	0·3	0	-0·03	0	-0·1	0	...
Ambala	29·049	-·028	N 16 E	1·8	56·8	50·8	83·3	+1·4	89	2	47·7	-2·2	41	29, 30	63	-10	0·6	0	-0·28	0	-0·4	0	..
Ludhiana	29·147	-·015	N 67 W	1·1	58·4	50·2	84·1	+3·5	89	3	46·6	-5·1	42	29	53	-12	0·8	0	-0·11	0	-0·3	0	...
Lahore	29·262	-·015	Calm	1·0	55·9	51·5	83·8	+0·6	88	2, 3	46·1	-2·3	43	4 days	71	-2	1·4	0	-0·07	0	-0·2	0	...
Sialkot	29·128	-·020	N 76 E	1·0	55·8	50·2	83·4	+2·6	89	2	45·5	-4·1	41	29	65	-5	0·8	0	-0·11	0	-0·3	0	...
Rawalpindi	28·273	-·032	Calm	1·3	51·6	43·6	80·9	+3·4	87	2	45·0	+0·8	39	29	49	-16	1·0	0	-0·26	0	-0·4	0	...

* Reports only rainfall. *b*—Mean of 29 days. *h*—Mean of 23 days. *k*—Mean of 20 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	29·354	-·035	N 59 E	2·1	57·9	48·7	85·0	+ 2·1	89	15	47·2	- 3·0	42	19, 29	47	- 3	0·6	0	- 0·08	0	- 0·2	0	...
Lyallpur ...	29·376	-·008	S	1·5	60·1	51·1	84·7	+ 3·4	90	17	47·5	- 1·0	45	4 days	49	- 19	0·6	0	- 0·16	0	- 0·3	0	...
Montgomery ...	29·405	-·029	S 17 E	1·7	58·6	53·3	84·5	+ 0·6	88	1	48·1	- 3·6	43	26, 29	67	...	0·3	0	- 0·07	0	- 0·2	0	...
Multan ...	29·543	- ·027	S 52 W	1·3	61·6	51·0	87·1	+ 2·6	92	1	51·6	- 2·1	44	12	43	- 17	0·5	0	- 0·07	0	- 0·1	0	...
Bahawalpur ...	29·660	...	S 24 E	1·9	60·2	50·9	88·0	...	93	1	47·3	...	41	13, 28	47	...	0·4	0	- 0·01	0	0	0	...
Khanpur ...	29·700	...	S 9 E	3·2	59·8	51·6	88·7	...	94	1	48·5	...	41	23	54	...	0·3	0	- 0·21	0	0	0	...
Kashmir																							
Srinagar ...	24·998	+ ·001	S 47 E	1·7	34·8	33·1	65·8	+ 2·5	73	1	28·0	- 3·1	23	27	86	1	1·6	0	- 0·43	0	- 1·2	0	...
*Sonamarg [b] ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·12	0	4	+ 1·6	0·77	13
Dras ...	20·876	+ ·011	Calm	3·2	22·4	20·0	46·5	+ 5·4	51	2	18·1	- 4·9	12	25	71	11	1·3	0	- 0·44	0	- 1·2	0	...
Leh ...	19·759	+ ·002	N 27 E	2·8	28·9	25·5	51·3	+ 3·9	57	2, 6	22·7	+ 2·3	17	27	69	+ 12	2·5	0	- 0·03	0	- 0·2	0	...
Skardu ...	22·980	- ·012	S 29 E	3·7	31·2	31·8	56·1	+ 2·1	62	14	30·1	- 0·7	21	16	78	0	4·2	0	- 0·07	0	- 0·2	0	...
Gilgit ...	...	...	S 45 W	1·1	46·6	42·6	63·3	+ 0·4	68	2, 3, 4	42·2	- 0·4	37	29, 30	72	+ 24	2·9	0	- 0·06	0	- 0·3	0	...
North-West Frontier Province																							
Peshawar ...	28·811	-·036	S 3 W	2·3	55·0	45·9	81·8	+ 5·3	87	4 days	48·2	- 0·7	45	13, 21, 29	44	- 7	1·7	0	- 0·28	0	- 0·5	0	...
Miranshah [b] ...	...	...	N 7 W	4·4	58·1	43·6	75·4	...	80	16	45·5	...	39	30	22	...	1·0	0	...	0	...	0	...
Dera Ismail Khan ...	29·413	-·009	N	1·0	56·9	49·0	85·0	+ 3·1	89	3, 11, 16	45·2	- 3·2	42	11, 29	52	- 14	0·8	0	- 0·16	0	- 0·4	0	...
†**Baluchistan**																							
Fort Sandeman ...	25·482	- ·011	Calm	1·1	43·2	32·9	72·6	+ 1·3	77	20, 21	39·6	- 0·7	35	27	25	- 20	0·7	0	- 0·25	0	- 0·5	0	...
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·25	0	- 0·4	0	...
Quetta ...	24·782	- ·022	S 11 E	3·0	33·5	27·8	66·1	+ 2·0	75	21, 22	30·1	- 4·6	25	6	51	+ 26	1·4	0	- 0·32	0	- 0·9	0	...
Chaman ...	25·792	+ ·001	S 67 E	2·7	47·1	37·1	69·4	+ 1·8	80	21	42·9	- 0·1	29	17	35	8	0·8	0	0·31	0	- 0·9	0	...
Kalat ...	23·810	+ ·001	S	3·8	39·9	25·6	63·3	2·1	71	20, 21	26·5	- 1·1	22	6, 7, 26	51	- 4	0·5	0	- 0·33	0	- 1·0	0	...
Dalbandin ...	27·218	-·017	E	3·6	43·5	34·9	75·5	- 0·7	86	21	38·3	- 1·9	32	25	35	- 11	0·3	0	- 0·09	0	- 0·3	0	...
Las Bela ...	29·707	...	N 23 W	2·5	70·6	57·4	92·8	...	97	1	49·5	...	44	8	40	...	0	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·778	-·037	N 23 E	0·8	58·0	51·3	88·6	+ 1·2	93	1, 2, 4	51·1	0·9	48	4 days	61	+ 4	0·1	0	- 0·07	0	- 0·1	0	...
Sukkur ...	29·778	...	S 38 E	2·0	61·5	55·6	86·5	...	90	1	54·6	...	51	28, 29	66	...	0·1	0	...	0	...	0	...
Chhor ...	29·934	...	N 32 E	2·9	66·3	53·1	95·1	...	101	1	48·5	...	43	30	36	...	0	0	...	0	...	0	...
Hyderabad ...	29·899	-·003	N 8 E	3·3	67·9	56·7	89·6	+ 1·0	94	1	56·7	- 2·4	53	16, 17	47	- 6	0·4	0	- 0·06	0	- 0·1	0	...
Karachi ...	29·971	-·018	N 33 E	5·2	59·5	60·9	81·3	0	89	2, 12, 22	65·0	- 1·5	61	4, 30	59	- 4	0·3	0	- 0·04	0	- 0·1	0	...
Badin ...	29·934	...	N 37 E	1·2	67·1	55·7	91·3	...	96	1	55·9	...	52	5 days	44	...	0·2	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	29·229	+ ·021	S 47 E	3·2	61·6	46·0	89·3	+ 3·9	97	2	55·9	- 2·6	50	28, 30	19	- 28	0·6	0	- 0·01	0	- 0·1	0	...
Jodhpur ...	29·185	-·016	N 42 E	2·9	66·9	51·6	89·8	+ 1·0	98	2	57·1	- 1·5	49	16	27	- 10	0·9	0	- 0·11	0	- 0·2	0	...
Barmer ...	29·306	...	N 37 W	2·9	68·0	57·8	89·2	...	96	1, 2	58·4	...	49	26	51	...	0·5	0	...	0	...	0	...
Rajputana, East																							
Jaipur ...	28·556	+ ·001	N 67 E	1·2	66·3	54·2	86·9	+ 1·0	92	1	50·1	- 5·0	45	12	42	- 8	0·2	0	0·14	0	- 0·3	0	...
Ajmer ...	28·367	-·009	S 24 E	1·6	65·8	51·6	84·7	+ 0·9	90	1, 2	48·7	- 1·0	41	15, 28, 29	34	- 29	0·7	0	- 0·18	0	- 0·4	0	...
Kotah ...	29·143	-·006	W	1·0	65·8	55·1	87·0	- 0·2	94	1	55·1	- 4·5	49	27	47	- 1	0·9	0	- 0·11	0	- 0·5	0	...
Jhalrapatan ...	28·921	...	N	1·5	63·2	54·2	85·5	...	90	1, 9	50·6	...	44	26	52	...	0·5	0	...	0	...	0	...
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	- 0·06	0	- 0·2	0	...
Gujarat																							
Deesa ...	29·482	-·025	N 74 E	2·9	77·2	57·5	94·7	+ 2·4	100	1, 2	54·7	- 3·2	49	26	23	- 19	1·0	0	- 0·10	0	- 0·2	0	...
Bhuj ...	29·602	-·027	N 67 E	1·5	70·9	54·7	90·1	+ 0·5	97	1	59·7	- 2·6	53	27	29	- 27	0·6	0	- 0·08	0	- 0·1	0	...
Dwarka ...	29·916	-·024	N 31 E	8·2	77·3	65·5	89·6	+ 2·9	97	1	67·8	- 0·8	63	24	49	- 19	1·0	0	- 0·03	0	- 0·1	0	...
Rajkot ...	29·492	-·032	N 45 E	3·2	71·3	55·4	92·4	+ 1·5	98	1, 2	59·7	- 0·3	53	15, 19, 27	29	- 20	1·3	0	- 0·23	0	- 0·3	0	...
Veraval ...	29·913	-·016	N 40 E	2·9	79·1	63·7	92·7	+ 4·0	98	1	67·2	- 0·6	59	26	39	- 15	1·3	0	- 0·19	0	- 0·1	0	...
Surat ...	29·888	-·030	N 72 E	2·3	74·0	63·9	95·5	+ 3·9	100	4, 20	64·9	+ 0·7	57	15, 26	55	- 5	2·1	0	- 0·19	0	- 0·3	0	...
Bhavnagar ...	29·883	-·031	N 21 W	2·9	69·5	57·6	90·3	- 0·8	94	1	60·4	- 2·6	53	4 days	44	- 10	1·6	0	- 0·15	0	- 0·2	0	...
Ahmadabad ...	29·796	- ·017	N 67 E	3·5	74·8	58·8	92·0	- 0·9	97	30	64·8	- 0·7	59	26	33	- 12	1·1	0	- 0·15	0	- 0·4	0	...
Dohad ...	28·947	...	N 60 E	2·9	64·4	58·1	89·6	...	94	1, 30	55·7	...	48	14	65	...	1·6	0	...	0	...	0	...

*Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *b*—Mean of 29 days. *m*—Mean of 18 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	...28·342	-·013	N 66 E	3·4	67·9	54·7	85·2	-0·5	90	8	52·5	-2·5	43	26	40	-8	1·3	0	-0·21	0	-0·3	0	...
Indore	...28·422	-·022	N 84 E	2·7	68·1	55·7	83·8	-0·1	89	19	52·2	-2·7	44	11	42	-11	1·0	0	-0·11	0	-0·7	0	...
Bhopal	...28·321	...	N 60 E	2·3	67·4	55·6	83·4	...	88	9, 20	53·3	...	17	11, 22, 24	44	...	1·7	0	...	0	...	0	...
Guna	...28·389	...	N 45 E	1·3	60·4	52·3	83·2	...	87	4 days	47·8	...	11	26, 27	56	...	0·3	0	...	0	...	0	...
Central India, East																							
Nowgong	...29·224	-·005	N 68 W	1·1	53·5	51·3	83·9	-1·8	89	9	47·8	-5·2	41	28	70	0	2·1	0	-0·38	0	-0·7	0	...
Satna	...28·901	-·025	S 67 W	2·3	62·6	51·5	84·8	-3·5	90	1, 3	50·5	-1·1	43	29	57	-8	2·9	0·06	-0·28	0	-0·7	0·01	3
Umaria	...28·444	...	S	2·8	63·8	57·8	79·9	...	85	3	51·5	...	43	26	67	...	2·1	0·50	...	1	...	0·19	3
Berar																							
Akola	...29·004	-·036	N 87 E	2·8	69·0	63·1	87·9	-0·2	93	2	...	...	...	...	56	-1	3·5	0·13	-0·35	1	-0·2	0·12	7
Amraoti	...28·702	-·013	N 49 E	5·1	71·0	57·8	87·9	-0·2	91	1 days	65·0	+2·6	59	13, 14	41	-8	4·5	0	-0·55	0	-1·0	0	...
Central Provinces, West																							
Khandwa	...28·896	-·023	N 75 E	3·1	67·7	57·5	87·5	-0·2	93	19	55·6	-1·0	47	13, 22, 23	50	-6	1·0	0	-0·53	0	-0·9	0	...
Hoshangabad	...28·975	-·015	S 83 E	3·0	68·1	57·3	84·5	-0·1	90	4	58·0	+3·7	53	4 days	47	-11	1·7	0	-0·62	0	-0·7	0	...
Saugor	...28·426	-·032	N 74 E	2·5	68·3	54·1	84·2	-1·1	86	4	58·8	-0·7	53	22, 26, 27	36	-12	1·8	0	-0·46	0	-0·7	0	...
Jubbulpore	...28·618	-·017	S 30 E	1·1	62·2	55·6	82·0	0	87	3	52·2	-1·0	45	26	65	-6	2·7	0	-0·57	0	-0·9	0	...
Seoni	...27·939	-·031	N 49 E	3·3	66·4	58·1	81·3	-0·2	86	19	56·3	-0·8	47	22	58	-1	2·7	0·61	-0·05	1	-0·1	0·61	19
Nagpur	...28·908	-·037	N 66 E	2·7	68·8	58·6	86·8	-1·2	93	5	61·9	+1·9	51	15, 22, 24	52	-6	4·8	1·53	-0·82	1	0	1·53	19
Central Provinces, East																							
Pendra	...27·889	-·037	N 12 W	1·1	64·1	58·1	77·2	-0·2	82	2	55·9	+1·0	49	22, 26	71	+12	3·3	1·48	+1·11	2	+1·1	0·91	1
Raipur	...28·917	-·011	N 15 E	3·1	68·1	62·6	84·5	-0·8	87	6 days	61·3	+0·5	51	22, 25	72	-6	3·0	0·42	-0·02	2	+1·1	0·25	2
Kanker	...28·593	...	N 36 W	2·9	67·7	61·9	82·4	...	86	5, 20, 29	61·0	...	50	22	85	...	4·5	1·16	...	2	...	0·73	3
Chanda	...29·282	-·017	N 4 E	3·0	70·8	66·1	85·7	-0·1	91	5	63·0	+4·0	54	11	78	-6	2·7	0·20	-0·48	1	-0·3	0·20	20
Jagdalpur	...28·060	-·062	N 27 E	5·1	68·1	65·6	81·7	-0·2	87	6	63·0	+3·9	53	22, 25	85	-3	6·2	3·03	-2·07	6	+1·1	1·11	1
Konkan																							
Bombay	...29·861	-·035	S 89 E	5·6	77·8	71·7	90·1	-1·2	95	29	74·1	+1·8	70	14, 16, 21	73	-1	2·6	0·07	-0·34	0	-0·7	0·07	29
Ratnagiri	...29·678	-·024	S 81 E	3·3	82·5	70·1	89·7	-0·9	93	21	72·7	-2·1	65	11	54	-7	0·8	0·16	-0·77	1	-0·3	0·11	20
Marmagao	...29·696	-·006	S 79 E	4·7	78·5	72·6	87·4	...	91	10	73·7	...	69	13, 14	74	...	5·0	2·11	...	2	...	2·21	6
Karwar	...29·837	-·022	N 17 W	1·3	73·4	71·3	87·2	-0·3	91	10	70·6	+0·7	65	12, 13, 14	90	-7	1·4	1·51	-0·38	4	+1·2	0·50	3
Bombay Deccan																							
Malegaon	...28·503	-·022	S 73 W	3·2	70·1	59·2	88·2	-0·3	91	19	57·0	0·7	46	15	50	-2	3·9	2·23	+1·62	1	0	2·23	30
Ahmadnagar	...27·771	-·031	N 59 W	3·5	69·2	60·2	84·0	-1·7	90	18	61·0	+2·9	49	15	57	-2	3·6	0·41	-0·22	1	0·3	0·23	20
Poona	...28·086	-·026	S 53 E	2·5	69·2	63·5	86·1	-0·1	92	20	60·0	+1·1	49	23	73	+14	3·6	1·09	+0·11	2	-0·3	0·73	20
Sholapur	...28·332	-·031	N 66 E	3·3	71·5	64·1	85·3	-1·0	90	1, 5	63·9	+1·1	53	12, 23	65	+12	3·3	5·49	+1·41	5	+3·5	2·15	18
Miraj	...28·096	...	N 43 E	3·1	71·3	64·5	84·2	...	89	18	64·0	...	55	12, 13, 23	67	...	4·0	3·01	...	4	...	1·82	6
Bijapur	...27·952	-·032	N 51 E	2·4	71·1	64·4	82·9	-3·1	87	17, 18	64·4	+2·2	53	23	67	-2	5·0	2·38	+1·21	4	+2·2	1·49	6
Belgaum	...27·315	-·027	N 64 E	2·9	69·1	63·9	81·7	-0·8	87	17	63·2	+1·7	53	12	75	+10	4·6	2·38	+0·64	3	+0·6	1·86	7
Gadag	...27·768	...	N 86 E	5·7	72·5	66·2	84·0	...	88	18	66·3	...	59	11, 12	70	...	4·3	4·89	...	5	...	2·86	7
Hyderabad, North																							
Aurangabad	...28·032	-·039	N 88 E	5·1	70·8	60·9	85·3	-1·5	90	5, 18, 19	61·6	+1·6	51	23	54	-5	4·7	0·29	-0·29	1	+0·1	0·18	6
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·93	-0·17	3	+1·6	0·56	29
Nizamabad	...28·656	-·020	N 55 E	1·1	71·9	65·6	86·7	+1·0	93	5	64·4	+1·0	53	23	70	+3	4·3	2·31	+1·72	2	+1·0	1·66	6
Hyderabad, South																							
Gulbarga	...28·398	-·031	N 53 E	5·8	72·7	65·1	85·4	-2·2	90	5	65·1	+1·7	52	23	66	+3	4·2	2·13	+1·13	4	+2·1	0·58	28
Raichur	...28·586	-·027	N 46 E	4·5	74·3	68·4	85·0	-1·8	91	5	67·9	+0·2	58	11	73	+8	5·0	5·90	+4·95	6	+4·2	3·25	18
Hyderabad	...28·184	-·034	N 89 E	3·1	73·0	66·7	84·4	-0·1	89	2, 4	66·2	+3·0	56	23	70	-1	6·1	2·80	+1·70	3	+0·8	1·33	1
Hanamkonda	...29·021	-·044	N 15 E	2·9	73·6	68·5	86·0	+0·1	90	5, 17, 19	68·3	+1·7	59	22	76	+18	5·5	3·02	+2·08	4	+2·7	1·47	17
Mysore																							
Chitaldrug	...27·489	-·028	N 79 E	3·0	72·1	68·5	81·9	-0·9	87	17	66·8	+2·2	61	23	83	+12	7·0	6·71	+4·43	8	+4·4	1·97	7
Bangalore	...26·887	-·036	N 81 E	3·6	69·9	66·1	80·2	+0·4	85	18, 19	64·5	+2·3	58	25	80	+1	7·0	4·06	+1·12	8	+3·3	1·22	25
Mysore	...27·373	-·036	N 72 E	3·0	71·1	67·7	81·5	-0·9	86	18	65·9	+1·5	61	13	83	+5	5·9	3·57	+1·02	9	+5·3	0·98	7
Malabar																							
Mangalore	...29·799	-·022	N 77 E	3·3	78·4	74·6	85·8	-2·4	90	9	73·5	+0·1	69	13	82	+7	5·5	3·74	+0·62	9	+4·3	1·29	1
Calicut	...29·842	-·016	N 66 E	2·8	77·9	74·2	83·1	-3·5	89	7	74·0	+0·2	70	25, 26	84	0	5·9	6·08	+0·70	11	+4·7	2·05	29
Cochin	...29·861	-·013	N 81 E	3·7	79·5	75·2	84·8	-2·8	88	23	75·0	+0·5	72	28	80	-1	6·0	9·77	+3·23	13	+4·3	2·46	20
Trivandrum	...29·650	-·029	N	3·7	76·7	74·2	83·1	+0·3	86	30	74·1	0	71	24, 25	88	+3	5·4	15·90	+9·31	15	+5·5	5·22	24

* Reports only rainfall. *b*—Mean of 29 days. *c*—Mean of 28 days. *d*—Mean of 27 days. *l*—Mean of 19 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·91	2·50	8	− 1·8	1·33	21
Pamban ...	29·826	− ·017	N 89 W	8·3	80·7	76·4	85·3	0·2	88	6, 11, 20	77·4	+ 1·1	72	25	80	− 5	4·9	12·23	− 0·23	10	− 3·0	3·67	25
Madura ...	29·385	− ·046	N 15 W	3·1	77·6	72·9	87·6	0·2	91	14,15,16	73·8	+ 1·1	70	20,26,29	80	− 2	6·7	9·13	+ 4·18	13	+ 5·4	2·22	29
Negapatam ...	29·822	− ·034	N 66 W	5·2	78·2	75·1	81·3	0·3	91	11, 16	71·7	+ 0·4	68	25	86	− 2	7·8	30·76	+ 13·04	17	+ 4·4	12·18	25
Trichinopoly ...	29·601	− ·045	N 83 W	2·6	78·2	71·2	86·2	1·0	93	15, 17	73·7	+ 1·6	68	25	82	− 2	6·4	9·77	+ 4·20	9	+ 0·5	3·83	25
Coimbatore ...	28·520	− ·038	N 68 E	2·8	71·9	71·4	83·7	+ 2·4	89	17	70·4	+ 1·2	65	25	82	− 1	7·9	4·19	− 0·44	7	0	1·03	21
Salem ...	28·910	− ·041	N 3 W	3·2	75·6	72·1	86·6	0·6	91	7, 15	71·4	+ 2·4	65	25	84	− 5	6·3	7·87	+ 4·13	11	+ 4·8	2·17	1
Cuddalore ...	29·824	− ·036	N 37 W	4·2	77·8	74·8	85·4	+ 0·3	91	11, 16	71·4	+ 1·6	67	25	86	− 1	7·8	17·86	− 2·78	17	+ 5·7	5·45	25
Vellore ...	29·146	− ·057	N 53 W	2·4	75·5	72·3	85·3	+ 0·7	92	14	70·6	+ 1·4	64	25	86	0	6·7	7·30	− 0·42	10	+ 1·5	1·67	4
Madras ...	29·835	− ·052	N 65 W	7·6	77·4	75·5	84·3	+ 1·4	89	15	73·7	+ 1·8	69	25, 26	81	− 7	7·8	11·52	− 2·73	11	− 2·5	3·76	25
Madras, Deccan																							
Cuddapah ...	29·149	− ·043	N 81 E	3·3	77·0	73·6	86·8	+ 1·6	92	18	72·1	+ 2·6	65	25	84	− 8	6·0	6·10	− 2·54	8	+ 2·5	1·78	3
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·95	− 1·17	5	− 1·0	1·25	2
Bellary ...	28·411	− ·034	N 49 E	2·7	74·0	68·9	85·0	+ 2·5	89	17, 18	69·3	+ 3·4	62	23	77	− 10	5·7	3·72	− 1·59	6	− 2·7	1·06	7
Kurnool ...	28·962	− ·036	N 13 E	2·7	75·8	70·1	86·8	+ 1·4	93	18	69·3	+ 3·9	60	11, 12	75	− 2	6·2	3·10	− 2·26	8	+ 5·8	1·69	7
Madras Coast, North																							
Nellore ...	29·810	− ·042	N 44 W	3·8	77·6	74·5	86·4	+ 0·7	93	14	73·9	+ 2·4	66	25	86	− 2	6·8	11·79	− 0·55	12	+ 3·4	4·90	25
Masulipatam ...	29·865	− ·064	N 44 E	5·4	77·4	74·2	82·9	+ 2·4	88	14	73·1	+ 1·8	67	25, 26	86	− 5	4·7	4·82	− 0·85	11	− 6·5	1·24	28
Cocanada ...	29·851	− ·063	N 46 E	8·0	76·9	72·8	84·4	+ 1·0	91	7	73·0	+ 1·8	68	10, 22	82	− 6	6·4	7·45	− 2·03	8	+ 3·4	2·66	2
Vizagapatam ...	29·754	− ·061	N 4 W	6·4	78·0	72·4	83·6	+ 0·7	87	4 days	74·8	+ 2·4	69	26, 27	73	− 8	5·4	15·21	+ 11·46	8	+ 4·0	5·88	2
Calingapatam ...	29·875	− ·055	N 6 W	8·7	75·7	72·4	82·6	+ 0·8	90	6, 7	72·0	+ 2·6	65	25	81	− 4	5·5	11·04	− 7·14	7	+ 1·2	3·58	2
Gopalpur ...	29·853	− ·050	N 16 W	8·4	74·7	74·4	82·9	+ 0·8	87	7, 18, 19	70·0	+ 2·7	62	25	83	− 4	5·4	14·05	− 10·03	7	+ 4·0	5·93	2
Hill Stations, excluding Kashmir and Baluchistan																							
Mayavo ...	26·186	− ·023	S 48 E	3·0	65·4	62·7	77·5	+ 1·2	82	8	56·3	+ 3·4	42	27	87	− 4	4·4	4·19	− 0·92	6	− 0·4	1·52	8
Haka ...	24·139	...	N 18 E	1·2	51·5	49·9	66·3	...	73	6	51·5	...	41	26	74	...	3·2	5·56	...	8	...	2·75	2
Kanpeibet ...	23·979	...	S 36 E	...	60·9	54·2	66·6	...	72	29	52·5	...	42	25	66	...	4·2	1·15	...	4	...	0·58	11
Shillong ...	25·179	− ·003	S 82 E	1·4	59·9	55·3	67·4	+ 0·8	74	7	49·4	+ 2·9	42	4 days	75	− 2	4·4	3·63	− 2·05	10	− 7·7	0·73	15
Cherrapunji ...	25·735	− ·001	N 83 E	3·9	63·7	57·7	68·9	+ 1·0	76	1	56·7	+ 2·7	50	4 days	69	0	4·7	11·17	− 7·91	8	− 6·5	3·52	15
Darjiling ...	22·985	− ·010	S 80 E	2·0	54·9	47·9	58·4	+ 2·8	61	2, 16	46·2	+ 3·4	39	28	60	− 18	3·9	1·96	− 4·18	3	− 1·9	2·40	4
Kalimpong ...	25·018	− ·021	N 51 W	6·2	59·6	56·0	67·8	+ 1·3	72	2	54·4	+ 1·9	50	15, 21, 22	80	+ 3	2·6	4·97	− 4·68	4	− 3·5	1·63	3
Mukteswar ...	22·881	0	N 72 W	5·4	52·6	44·8	60·7	+ 1·1	67	16	47·9	+ 5·3	43	20	38	− 9	4·7	0·04	− 0·31	0	− 0·7	0·04	4
Mussoorie ...	23·422	− ·025	S 78 E	3·3	52·6	43·4	60·5	+ 2·7	67	16	47·4	+ 1·6	43	20	47	− 9	4·4	1·08	...	1	...	1·06	3
Simla ...	23·154	− ·001	S 81 E	2·0	54·4	44·0	60·6	+ 2·2	67	15	46·9	+ 3·0	43	4	28	− 8	1·4	0·14	− 0·38	1	− 0·1	0·10	3
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·27	− 0·15	1	− 0·1	0·27	4
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·38	− 0·60	1	+ 0·2	0·29	3
Murree ...	23·286	...	S 86 E	3·4	54·4	38·4	60·5	+ 0·5	63	4 days	44·0	+ 1·6	40	27	25	− 14	1·3	0	− 0·77	0	− 1·2	0	...
Cherat ...	25·792	0	N 21 W	8·4	57·5	44·7	68·1	+ 2·2	73	1	51·8	+ 2·5	44	23	31	− 10	1·1	0	− 0·23	0	− 0·6	0	...
Parachinar ...	24·516	− ·035	S 66 W	2·9	50·2	37·5	67·7	+ 2·9	71	1, 2	40·9	+ 1·3	36	27	26	− 20	1·2	0	− 0·51	0	− 1·6	0	...
Drosh ...	...	...	N 72 E	2·3	46·5	38·4	66·3	+ 1·7	72	6, 9	44·9	+ 1·2	40	29, 30	42	− 7	1·8	0·02	− 0·34	0	− 1·3	0·02	26
Mount Abu ...	26·090	− ·024	N 37 E	2·7	67·4	50·6	75·4	+ 1·5	79	1, 2	56·1	+ 2·0	50	26, 27	26	− 14	1·3	0	− 0·19	0	− 0·3	0	...
Pachmarhi ...	26·495	− ·010	N 70 E	2·1	65·9	55·3	74·9	+ 0·7	79	30	49·9	+ 1·1	41	16	50	− 7	3·9	0	− 0·73	0	− 1·1	0	...
Mahableshwar ...	25·526	...	E	...	61·5	56·7	74·0	...	78	4 days	58·7	...	53	23	60	...	3·7	0·19	...	1	...	0·12	7
Mercara ...	26·169	− ·021	N 64 E	5·2	65·2	63·2	73·6	+ 1·9	77	5 days	61·1	+ 1·3	55	25	89	+ 4	5·2	5·05	+ 1·84	13	+ 7·5	0·73	2
Kodaikanal ...	22·772	− ·009	N 5 W	6·8	54·1	52·3	60·5	− 0·5	65	1, 2, 18	49·8	+ 0·9	46	25	88	+ 7	6·9	11·53	+ 3·36	17	+ 5·0	1·94	29
Coonoor ...	24·444	...	S 66 E	2·9	62·2	58·6	67·0	...	72	24	55·0	...	47	13	82	...	7·8	15·97	...	14	...	4·12	7
Ceylon																							
Colombo ...	29·846	− ·010	N 39 E	4·0	77·3	75·0	84·1	− 2·3	86	22	73·8	− 0·1	70	18	88	+ 2	6·5	14·83	+ 2·48	19	+ 5·8	2·47	18
Trincomalee ...	29·731	− ·008	S 75 W	1·9	76·5	74·1	83·6	− 2·1	89	4, 15	74·4	− 0·2	71	24, 25	88	0	6·3	12·96	− 1·32	16	+ 2·2	4·55	24
Hambantota ...	29·777	− ·021	N 64 W	8·6	78·3	74·7	84·8	− 0·8	93	4	74·1	+ 0·1	71	21	84	− 7	4·5	7·77	+ 1·10	12	+ 2·4	2·64	19
Nuwara Eliya ...	24·045	...	...	...	58·7	56·8	66·9	...	73	5	52·7	...	43	15	89	...	6·0	7·68	...	16	...	1·40	25
Arabia																							
†Aden ...	29·906	− ·028	N 52 E	5·9	77·4	70·6	89·8	+ 5·1	96	1, 2	74·4	− 0·2	72	6, 17	69	− 4	3·4	0·80	+ 0·72	1	+ 0·9	0·80	21

* Reports only rainfall. † Records observations at 7 hrs. (local time). *b*—Mean of 29 days.

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MONTHLY WEATHER REPORT

FOR

December 1932

(Supplement to the Indian Daily Weather Report for the 23rd January 1933)

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Summary.—Deficient precipitation in northwest India outside the east and north Punjab and the west United Provinces in spite of the passage of four western disturbances.

Of the four western disturbances which affected the weather over India during the month, the first lay as a low pressure area over upper Sind and the southwest Punjab on the 21st and intensified into a depression in the course of the next two days and was central over the Punjab on the 24th. Thereafter it weakened and moving rapidly eastwards passed away through Assam on the 25th. It was responsible for nearly general rain or snow in Kashmir and the Punjab-Kumaon hills on the 21st and 23rd and fairly widespread rain in the Punjab-Kumaon hills and the north United Provinces on the 24th and in Assam on the 25th; local falls of rain or snow also occurred along the frontier from the 17th to 23rd, and in Kashmir from the 17th to the 20th and on the 24th, and local rain in Bihar, north Bengal and Assam on the 24th. The second disturbance caused local falls of rain or snow along the frontier on the 25th and a few light showers along the western Himalayas on the next day and became unimportant thereafter. The next western disturbance gave a few falls of rain or snow along the frontier and in Kashmir and the north Punjab on the 28th and local rain or snow along the western Himalayas on the next day; local falls of rain also occurred in the plains of the east and north Punjab and a few light showers in the southwest Punjab, the plains of the United Provinces and in Chota Nagpur and Bihar on the 29th. The fourth and the last disturbance caused nearly general rain or snow in north Baluchistan and Kashmir on the last day of the month.

2. In association with an accentuation of the seasonal trough of low pressure in the south of the Bay of Bengal, scattered falls of rain occurred in south Madras on the first five days of the month. A few falls of rain also occurred intermittently in Assam during the first fortnight and in southeast Madras and Lower Burma throughout the month.

3. The month's rainfall was in large excess in Assam, Bihar, the west United Provinces, the east and north Punjab and the Konkan, in slight to moderate excess in Bengal, north Hyderabad and southeast Madras and normal in the Bombay Deccan; it was in moderate to large defect elsewhere. Averaged over the plains of India, the total rainfall of the month was in defect by 15 per cent.

4. Maximum temperature was above normal in northwest and Central India from the 3rd to 6th and again from the 19th to 23rd and below it in northwest India on the last three days of the month. The mean monthly maximum temperature was above normal in Upper Burma, east Central India, Berar, the west Central Provinces, Kashmir, the North-West Frontier Province, west Rajputana and Gujarat and below it in the Bay Islands and Baluchistan; the mean minimum temperature was above normal in Assam and Bengal and below it in east Central India and Baluchistan.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's total rainfall was in moderate to large defect. Cloud amount was below normal in Upper Burma and humidity in defect in both Upper and Lower Burma. Maximum temperature was above normal in Upper Burma and below it in the Bay Islands.

Northeast India, including Orissa.—The total rainfall during the month was in moderate to large excess in Assam, Bengal and Bihar and in large defect elsewhere. Cloud amount was below normal in Orissa and Chota Nagpur. Humidity was in excess in Orissa and in defect in Chota Nagpur. Minimum temperature was above normal in Assam and Bengal.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in large excess in the west United Provinces and in moderate to large defect elsewhere. Cloud amount was below normal except in the United Provinces where it was normal. Humidity was in defect in Central India, Berar and the west Central Provinces. Maximum temperature was above normal in east Central India, Berar and the west Central Provinces and the minimum was below it in the east Central India.

Northwest India.—The total rainfall during the month was in large excess in the east and north Punjab and in moderate to large defect elsewhere. Cloud amount was above normal in Sind and Gujarat. Humidity was in defect except in the east and north Punjab and Kashmir where it was normal. Both maximum and minimum temperatures were below normal in Baluchistan; the maximum was above normal in Kashmir, the North-West Frontier Province, west Rajputana and Gujarat.

The Peninsula.—The month's total rainfall was in large excess in the Konkan, in slight to moderate excess in north Hyderabad and southeast Madras and normal in the Bombay Deccan; it was in large excess elsewhere. Cloud amount was below normal in the Bombay Deccan, Hyderabad, the Madras Deccan and the north Madras coast. Humidity was in excess in south Hyderabad, Mysore and the north Madras coast. Both maximum and minimum temperatures were normal.

Table I contains the divisional and sub-divisional means of rainfall, temperature, humidity and cloud for the 15 chief political divisions and the 33 sub-divisions; these means are based on the observations at the stations whose monthly mean data are given in Table II.

POONA:
The 10th January 1933.

C. W. B. NORMAND,
Director-General of Observatories.

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division								
1. Burma ...	0·14	0·62	−0·48	−77	+1·6	+0·1	−5	−0·8
2. Assam ...	0·83	0·28	+0·55	+196	+0·3	+2·8	0	+0·2
3. Bengal ...	0·27	0·20	+0·07	+35	+1·9	+2·4	+1	−0·3
4. Bihar and Orissa ...	0·15	0·16	−0·01	−6	+1·1	+0·6	0	−0·6
5. United Provinces.	0·49	0·32	+0·17	+53	+0·5	−0·5	+1	+0·1
6. Punjab ...	0·88	0·44	+0·44	+100	+0·4	−1·0	−5	0
7. North-West Frontier Province.	0·25	0·39	−0·14	−36	+2·0	−1·7	−11	−0·1
8. Sind ...	0	0·11	−0·11	−100	+0·3	+1·0	−14	+0·8
Sub-division								
1. Bay Islands ...	4·80	6·91	−2·11	−31	−2·3	−0·7	−2	+0·3
2. Lower Burma ...	0·23	0·70	−0·47	−67	+1·0	−0·1	−5	−0·6
3. Upper Burma ...	0·01	0·51	−0·50	−98	+2·3	+0·4	−4	−1·2
4. Assam ...	0·83	0·28	+0·55	+196	+0·3	+2·8	0	+0·2
5. Bengal ...	0·27	0·20	+0·07	+35	+1·9	+2·4	+1	−0·3
6. Orissa ...	0	0·24	−0·24	−100	+1·0	+0·6	+4	−1·1
7. Chota Nagpur ...	0·07	0·19	−0·12	−63	+0·5	0	−5	−0·9
8. Bihar ...	0·25	0·12	+0·13	+108	+1·7	+0·8	−1	−0·1
9. United Provinces, East.	0·16	0·22	−0·06	−27	+1·0	+0·5	+2	0
10. Do. do. West.	0·78	0·41	+0·37	+90	0	−1·4	−1	+0·1
11. Punjab, East and North.	1·48	0·58	+0·90	+155	+0·1	−0·9	−3	+0·1
12. Do. Southwest.	0·17	0·28	−0·11	−39	+0·8	−1·2	−10	−0·2
13. Kashmir ...	0·82	1·57	−0·75	−48	+3·2	+0·7	+2	−0·7
14. North-West Frontier Province.	0·25	0·39	−0·14	−36	+2·0	−1·7	−11	−0·1
15. Baluchistan ...	0·38	0·84	−0·46	−55	−3·7	−3·2	−5	+0·6
16. Sind ...	0	0·11	−0·11	−100	+0·3	+1·0	−14	+0·8
17. Rajputana, West.	0	0·15	−0·15	−100	+2·9	−0·2	−9	−0·1

—	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Division—*contd.*								
9. Rajputana ...	0·01	0·19	−0·18	−95	+2·1	−0·4	−12	0
10. Bombay ...	0·16	0·15	+0·01	+7	+1·5	+0·7	−4	0
11. Central India ...	0	0·29	−0·29	−100	+3·2	−1·3	−7	−0·6
12. Central Provinces.	0	0·38	−0·38	−100	+2·1	+0·3	−6	−1·1
13. Hyderabad ...	0·17	0·22	−0·05	−23	+0·4	−0·7	+4	−0·9
14. Mysore ...	0·10	0·40	−0·30	−75	+0·3	+0·9	+4	−0·3
15. Madras ...	2·41	2·48	−0·07	−3	−0·3	+0·3	+1	−0·4
Mean of India ...	0·45	0·53	−0·08	−15	+1·2	+0·2	−4	−0·3
Sub-division—*contd.*								
18. Rajputana, East.	0·01	0·21	−0·20	−95	+1·7	−0·5	−14	0
19. Gujarat ...	0	0·05	−0·05	−100	+2·5	+1·6	−10	+0·6
20. Central India, West	0	0·19	−0·19	−100	+1·9	+0·3	−7	−0·7
21. Do. do. East.	0	0·39	−0·39	−100	+4·5	−2·8	−7	−0·6
22. Berar ...	0	0·55	−0·55	−100	+2·0	+1·1	−9	−1·1
23. Central Provinces, West.	0	0·42	−0·42	−100	+2·5	+0·2	−10	−0·8
24. Do. do. East.	0	0·23	−0·23	−100	+1·6	0	+1	−1·5
25. Konkan ...	0·36	0·12	+0·24	+200	+0·5	+0·9	−2	−0·2
26. Bombay Deccan...	0·28	0·30	−0·02	−7	+0·7	−0·7	+3	−0·7
27. Hyderabad, North	0·41	0·28	+0·13	+46	+1·4	+0·4	+1	−0·4
28. Do. South	0	0·18	−0·18	−100	−0·1	−1·3	+5	−1·1
29. Mysore ...	0·10	0·40	−0·30	−75	+0·3	+0·9	+4	−0·3
30. Malabar ...	0·63	1·44	−0·81	−56	−0·4	+0·3	0	+0·3
31. Madras, Southeast	5·17	4·52	+0·65	+14	−0·7	+0·5	0	+0·3
32. Do. Deccan...	0·12	0·38	−0·26	−68	−0·8	+1·1	−1	−1·0
33. Do. Coast, North	0·13	1·17	−1·04	−89	+0·5	−0·2	+5	−1·6

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	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 ...	29·849	+ ·001	N 32 E	4·9	78·3	73·4	83·3	− 2·3	86	1, 2, 3	75·8	− 0·7	69	30	78	− 2	5·3	4·80	− 2·11	6	− 1·7	2·10	7
Lower Burma																							
Victoria Point ...	29·772	+ ·021	N 51 E	5·5	76·3	71·0	83·0	+ 2·2	88	2, 25, 30	72·9	− 0·8	68	10	75	− 3	6·5	1·25	− 0·77	2	− 1·7	0·93	21
Mergui ...	29·864	+ ·002	N 72 E	...	73·2	68·9	84·0	− 2·8	91	7	68·0	+ 0·2	53	15, 16	79	0	2·2	0·58	− 0·11	3	+ 1·5	0·23	31
Tavoy ...	29·935	+ ·010	N 34 E	2·2	73·2	68·1	87·9	+ 0·2	91	24, 25	64·7	− 1·0	55	16	76	− 7	4·2	0	− 0·36	0	− 0·7	...	...
Amherst ...	29·899	...	N 85 E	5·8	73·4	67·6	85·5	...	93	7	68·4	...	60	16	72	...	3·1	0	...	0	...	...	...
Rangoon ...	29·957	+ ·008	N 32 E	3·0	71·5	66·7	88·8	+ 1·7	94	25,26,27	67·7	+ 0·3	60	18, 19	76	− 6	2·1	0·39	+ 0·02	2	+ 1·4	0·17	2, 8
Bassein ...	29·955	+ ·009	N 38 E	2·3	72·6	67·3	86·9	+ 2·4	93	26	64·8	− 0·8	57	19, 20	74	− 11	1·5	0	− 0·40	0	− 0·7	...	...
Diamond Island ...	29·904	− ·008	N 26 E	7·5	76·5	71·0	83·5	− 0·2	88	2	74·8	+ 2·3	71	15,16,17,18	75	+ 1	1·8	0·04	− 0·88	0	− 1·0	0·02	9, 10
Gwa ...	29·963	...	S 45 E	3·1	69·9	67·3	84·0	...	88	1, 13	61·4	...	53	20, 30	87	...	0·7	0	− 0·44	0	− 0·6	...	...
Toungoo ...	29·836	+ ·011	N 17 W	2·1	66·5	63·2	86·8	+ 3·7	91	24	60·9	− 0·5	53	20	81	− 8	1·9	0	− 0·45	0	− 0·6	...	...
Kyaukpyu ...	29·960	+ ·009	N 49 E	3·1	72·7	68·1	81·0	+ 0·8	83	5 days	67·7	+ 0·9	63	21, 24	78	− 5	1·1	0	− 0·62	0	− 0·7	...	...
Akyab ...	29·972	+ ·009	N 33 E	5·0	67·7	64·5	81·7	+ 1·0	85	13, 14	61·5	− 1·6	51	29	84	− 6	0·8	0	− 0·76	0	− 0·9	...	...
Upper Burma																							
Minbu ...	29·826	− ·016	N 34 W	3·6	68·5	62·6	84·2	+ 1·8	88	26	60·6	0	53	20	70	− 8	0·6	0	− 0·51	0	− 0·7	...	...
Yamethin ...	29·341	+ ·006	N 10 W	1·7	65·9	60·8	86·3	+ 2·8	91	26	57·8	− 0·7	50	20	73	− 12	1·2	0	− 0·50	0	− 0·9	...	...
Mandalay ...	29·749	− ·013	N 45 E	1·3	64·7	61·5	86·3	+ 2·8	90	25	59·6	+ 0·2	53	19	83	− 2	1·0	0	− 0·38	0	− 0·8	...	...
Monywa ...	29·741	− ·007	N 13 W	2·4	64·2	61·5	85·7	+ 4·5	89	12, 27	59·2	− 0·3	53	20, 29	86	− 1	1·0	0	− 0·34	0	− 0·8	...	...
Lashio ...	27·191	+ ·009	Calm	1·5	53·9	52·2	71·4	+ 1·2	79	4	38·5	− 0·1	41	18, 20	90	− 4	1·9	0·03	− 0·83	0	− 1·4	0·03	7
Bhamo ...	29·625	− ·019	N 7 E	1·4	57·1	56·2	76·7	+ 1·2	81	4, 11, 27	51·8	+ 0·5	44	19	94	− 1	7·5	0	− 0·57	0	− 1·0	...	...
Myitkyina ...	29·546	− ·012	N 28 E	2·5	59·3	57·6	76·7	+ 1·7	80	5 days	54·4	+ 2·9	47	20	91	+ 1	3·7	0·02	− 0·40	0	− 1·4	0·02	7
Assam																							
Dibrugarh ...	29·675	− ·025	N 63 E	1·7	56·3	55·6	73·2	− 0·2	79	1, 6	53·8	+ 2·8	47	30	97	+ 2	3·5	1·88	+ 1·49	4	+ 2·9	0·75	10
Sibsagar ...	29·723	− ·007	N 6 E	2·2	57·5	57·5	74·1	+ 2·8	79	7 days	54·4	+ 3·8	46	30	100	+ 2	8·9	2·37	+ 1·85	6	+ 4·5	0·60	10
Tezpur ...	29·797	+ ·003	S 86 E	1·1	61·1	59·5	75·6	+ 1·1	80	2, 7	56·1	+ 2·6	50	30, 31	91	− 2	1·6	0·46	+ 0·23	2	+ 1·5	0·23	25
Gauhati ...	29·834	− ·028	S 85 E	1·5	59·4	58·8	75·0	− 0·3	82	10	55·6	+ 3·6	48	28, 29	97	+ 2	4·2	0·75	+ 0·60	2	+ 1·6	0·50	4
Dhubri ...	29·917	− ·010	N 47 E	3·1	62·4	60·4	74·1	− 0·2	80	9	58·6	+ 3·5	51	27,29,30	88	− 1	2·1	0·31	+ 0·24	1	+ 0·9	0·22	26
Silchar ...	29·951	+ ·017	S 82 E	1·0	61·2	59·1	79·9	+ 0·3	83	2, 6	55·2	+ 0·5	47	30	88	− 1	1·3	0·02	− 0·37	0	− 0·7	0·02	26
Srimangal ...	29·954	+ ·004	N 33 E	...	60·5	58·8	79·7	− 1·2	84	26	51·8	+ 3·1	43	29, 30	91	− 1	1·2	0	− 0·23	0	− 0·6	...	...
Bengal																							
Cox's Bazar ...	29·956	+ ·006	N 50 E	1·1	66·2	62·3	80·5	+ 1·0	83	27	58·4	− 0·3	52	30	79	− 7	1·9	0	− 0·51	0	− 0·6	...	...
Chittagong ...	29·918	− ·002	N 48 E	3·5	63·3	60·4	81·4	+ 3·0	85	25	58·1	+ 0·9	51	29, 30	83	− 6	1·0	0	− 0·70	0	− 0·8	...	...
Noakhali ...	29·986	− ·006	N 6 E	2·6	65·5	62·9	79·9	+ 1·9	83	25	61·3	+ 6·4	55	29, 30	86	− 1	1·3	0	− 0·28	0	− 0·4	...	...
Comilla ...	30·023	...	N 34 E	1·0	63·9	61·4	78·7	...	83	8	56·9	...	49	29	86	...	1·6	0·28	+ 0·05	1	+ 0·7	0·28	26
Narayanganj ...	29·981	− ·013	N 14 W	1·4	64·7	61·8	80·9	+ 3·0	84	8	59·5	+ 2·3	51	29	84	− 2	1·2	0	− 0·19	0	− 0·5	...	...
Mymensingh ...	29·969	+ ·004	N 63 E	1·1	62·6	61·1	78·8	+ 1·8	82	1, 2, 9	57·9	+ 2·5	49	29	91	+ 2	0·6	0	− 0·07	0	− 0·3	...	...
Faridpur ...	29·987	...	N 23 W	1·6	61·6	60·6	79·6	...	83	9, 10, 26	57·2	...	50	29, 30	94	...	1·9	0	− 0·12	0	− 0·3	...	...
Barisal ...	29·997	+ ·001	N 17 W	2·1	65·1	62·4	80·3	+ 2·7	84	9, 10	59·5	+ 3·5	51	29	86	+ 1	1·3	0	− 0·39	0	− 0·7	...	...
Khulna ...	30·012	− ·007	N 7 E	2·1	66·2	62·2	79·7	+ 1·8	85	25	59·0	+ 3·7	49	29	79	+ 4	0·8	0	− 0·43	0	− 0·3	...	...
Jessore ...	30·010	+ ·008	N 23 W	1·4	64·0	62·1	80·1	...	84	10	53·5	...	46	29	89	+ 7	0·8	0	− 0·20	0	− 0·5	...	...
Satkhira ...	30·001	− ·031	N 18 E	1·2	64·6	61·2	81·1	+ 1·0	84	9, 26	56·1	+ 3·4	50	29, 30	81	− 4	0·7	0	− 0·27	0	− 0·3	...	...
Calcutta ...	30·008	− ·008	N 5 E	1·4	61·7	59·5	78·6	+ 1·6	83	26	58·9	+ 2·9	53	29	88	+ 7	0·8	0	− 0·20	0	− 0·4	...	...
Saugor Island ...	30·007	− ·012	N 13 E	6·1	67·7	63·7	77·4	+ 0·7	80	8, 9	61·9	+ 3·2	58	12,26,29	79	− 8	1·7	0	− 0·27	0	− 0·5	...	...
Sandheads ...	29·979	− ·031	N 22 E	...	74·4	66·9	...	...	...	...	...	...	...	...	66	0	0·9	0	− 0·49	0	− 0·3	...	...
Midnapore ...	29·882	− ·002	N 15 W	1·5	61·3	58·1	79·9	+ 0·2	86	26	56·1	+ 0·9	52	17	82	+ 14	1·2	0	− 0·25	0	− 0·3	...	...
Burdwan ...	29·931	− ·012	Calm	1·0	61·3	58·4	80·5	+ 2·1	85	25, 26	57·1	+ 1·3	53	28,29,30	82	+ 9	1·1	0	− 0·15	0	− 0·3	...	...
Krishnagar ...	29·977	...	N 45 W	1·1	61·5	59·1	80·5	...	84	9, 25, 26	54·0	...	49	29, 30	85	...	1·2	0	− 0·09	0	− 0·2	...	...
*Bankura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·08	0	− 0·2	...	...
Asansol ...	29·605	− ·016	N 74 W	2·7	60·0	55·3	79·5	+ 2·5	85	24	54·2	+ 1·4	51	6 days	73	0	0·7	0·03	− 0·16	0	− 0·4	0·03	31
Berhampore ...	29·977	0	N 36 W	1·4	61·0	59·0	80·9	+ 4·5	86	25	54·8	− 0·5	47	29	88	+ 4	1·1	0	− 0·12	0	− 0·3	...	...
*Rampur Boalia ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·06	0	− 0·1	...	...
*Sirajganj ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·11	0	− 0·3	...	...
Bogra ...	29·962	+ ·005	N 18 E	1·2	63·6	61·0	77·7	+ 1·4	81	4 days	56·9	+ 2·9	49	28, 29	86	+ 2	1·3	0	− 0·05	0	− 0·1	...	...
Malda ...	29·926	...	N 23 W	3·0	60·8	58·0	77·6	..	81	4 days	54·7	...	46	29	82	...	0·9	0	− 0·05	0	− 0·1	...	...
Dinajpur ...	29·892	− ·018	N 6 E	1·3	60·3	58·0	78·0	+ 1·2	81	5 days	54·4	+ 3·1	47	28, 29	85	+ 1	2·5	0·81	+ 0·75	1	+ 0·9	0·81	25
*Rangpur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·89	+ 0·85	1	+ 0·8	0·89	25
*Cooch Behar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·07	+ 2·97	1	+ 0·7	3·07	25
Jalpaiguri ...	29·762	0	N 9 W	1·2	61·5	59·9	78·0	+ 2·	83	2	55·8	+ 3·0	51	29, 31	91	+ 3	1·8	2·27	+ 2·16	2	+ 1·7	2·12	25

* Reports only rainfall. *a*—Mean of 30 days. *f*—Mean of 25 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Orissa																							
Balasore	29·979	− ·008	N 23 W	2·9	63·9	59·9	79·7	− 0·2	89	26	57·4	+ 2·1	52	18	78	0	0·7	0	− 0·21	0	− 0·4	...	...
Chandbali	30·019	...	N 24 W	3·0	63·6	60·9	80·7	...	89	26	58·5	...	53	17, 18	86	...	0·7	0	...	0	...	...	...
Puri	30·007	− ·001	N 2 E	5·9	67·8	63·4	81·0	+ 0·3	86	28	63·6	+ 1·5	59	17, 18	77	1	0·7	0	− 0·30	0	− 0·4	...	...
Cuttack	29·952	+ ·001	W	1·0	63·2	60·6	83·3	+ 2·3	87	4 days	59·2	+ 0·5	53	17, 18	86	+ 8	0·9	0	− 0·28	0	− 0·5	...	...
Angul	29·571	+ ·001	N 72 W	3·1	60·3	57·6	80·2	+ 0·6	84	27	55·1	+ 0·7	50	17, 18	85	+ 10	0·4	0	− 0·21	0	− 0·5	...	...
Sambalpur	29·512	− ·012	N 36 E	2·6	60·0	55·6	81·5	+ 1·8	85	26	51·9	− 1·8	47	4 days	79	+ 4	0·4	0	− 0·22	0	− 0·3	...	...
Chota Nagpur																							
Jamshedpur	29·595	...	N 66 W	1·3	57·1	54·3	80·3	...	86	25	50·8	...	45	17	81	...	0·7	0·01	...	0	...	0·01	31
Chaibasa	29·286	+ ·004	S 60 W	1·1	59·1	55·4	79·2	+ 1·1	85	24, 25	51·7	+ 0·3	47	16,17,18	76	− 6	0·8	0	− 0·18	0	− 0·4	...	...
Ranchi	27·827	− ·002	N 82 W	2·4	59·4	52·2	74·2	+ 1·1	82	24	48·9	− 2·0	44	18	60	− 4	0·4	0·09	− 0·09	0	− 0·5	0·09	31
Hazaribagh	27·978	...	S 61 W	4·3	56·5	51·7	73·3	...	81	24, 25	47·2	...	42	12,16,18	70	...	0·5	0·11	− 0·10	1	+ 0·6	0·11	30
Daltonganj	29·309	− ·001	E	1·5	54·0	50·6	75·8	− 0·8	88	25	47·3	+ 1·7	43	12,16,17	77	− 5	0·3	0·07	− 0·12	0	− 0·4	0·07	30
Bihar																							
Purnea	29·903	− ·024	S 59 W	1·3	58·0	55·5	77·8	+ 2·1	84	7	51·4	+ 1·9	42	28	91	+ 1	0·6	0·63	− 0·10	0	− 0·2	0·03	25
Darbhanga	29·864	− ·020	W	1·5	59·1	56·4	74·9	0	80	6	49·7	− 2·4	42	28, 29	85	− 1	1·2	0·38	+ 0·30	1	+ 0·8	0·32	25
*Muzaffarpur	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	− 0·10	1	+ 0·9	0·21	25
Motihari	29·786	− ·015	W	1·0	55·9	51·3	76·4	+ 1·2	80	4 days	49·9	+ 2·4	43	28, 29	90	− 1	1·0	1·31	+ 1·20	1	+ 0·6	1·33	25
*Chapra	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	+ 0·10	1	+ 0·7	0·20	25
Patna	29·860	− ·014	S 43 W	2·7	58·0	51·4	76·1	+ 2·0	80	3, 7, 24	52·7	+ 0·9	45	29	78	+ 4	1·4	0·40	+ 0·31	1	+ 0·7	0·37	25
*Arrah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·15	0	− 0·4	...	...
*Dehri	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·22	0	− 0·4	...	...
Gaya	29·674	− ·003	S 7 E	2·1	60·4	53·5	78·9	+ 2·8	85	25	52·1	+ 0·8	48	11, 12	60	− 11	0·9	0·02	− 0·11	0	− 0·2	0·02	30
Naya Dumka	29·539	− ·001	N 45 W	1·7	60·9	57·0	77·8	+ 1·8	84	25	52·5	+ 1·3	46	29	77	+ 5	1·0	0·02	− 0·08	0	− 0·2	0·02	31
Sabour	29·909	...	S 28 W	2·5	55·8	51·8	76·2	...	82	25	49·7	...	40	29	93	...	1·0	0·07	− 0·01	0	− 0·2	0·07	30
United Provinces, East																							
Gorakhpur	29·782	+ ·002	S 83 W	1·4	55·8	53·9	75·3	+ 1·2	79	2, 3	50·1	+ 0·8	43	29	87	+ 6	1·8	0·65	+ 0·51	1	+ 0·7	0·60	25
Benares	29·784	− ·019	S 59 W	2·6	55·3	51·7	76·3	+ 1·2	80	1, 2, 25	48·1	+ 0·8	43	11, 12	77	− 3	1·5	0·01	− 0·20	0	− 0·5	0·01	25
Allahabad	29·717	− ·027	S 59 W	3·3	52·2	48·7	76·7	+ 1·0	86	25	47·1	− 0·3	43	11,12,19	76	+ 1	1·0	0	− 0·23	0	− 0·5	0	...
Fatehpur	29·660	...	N 59 W	1·7	57·2	51·7	76·9	...	83	25	46·3	...	41	31	67	...	1·0	0	...	0	...	0	...
Cawnpore	29·607	− ·027	S 78 W	1·3	51·5	49·0	77·6	+ 2·4	82	4 days	47·3	0	43	4 days	83	+ 7	0·6	0	− 0·18	0	− 0·6	0	...
Lucknow	29·651	− ·024	N 70 W	2·3	52·0	49·5	76·8	+ 1·2	82	2	47·3	+ 0·8	43	6 days	83	+ 6	1·2	0	− 0·28	0	− 0·6	0	...
Bahraich	29·603	− ·019	N 87 W	2·1	55·4	51·3	74·0	− 0·8	79	2, 3	48·7	+ 1·0	42	28	77	− 4	0·8	0·29	+ 0·01	1	+ 0·4	0·22	25
Gonda	29·673	...	N 10 W	2·1	54·2	51·6	75·8	...	81	2, 3	47·9	...	42	28, 29	83	...	1·1	0·01	...	0	...	0·01	23
United Provinces, West																							
Jhansi	29·262	− ·024	S 57 W	1·1	59·0	49·9	79·6	+ 1·5	89	23	47·5	− 3·8	42	11	48	− 12	1·0	0	− 0·23	0	− 0·7	0	...
Agra	29·467	− ·031	N 84 W	3·2	47·9	44·0	74·9	− 2·0	82	1	42·6	− 1·8	36	10	70	− 7	1·9	0	− 0·27	0	− 0·7	0	...
Mainpuri	29·498	− ·025	N 68 W	1·6	51·9	47·5	76·0	+ 1·1	82	1	44·6	− 2·0	39	12, 13	69	− 3	2·1	0·17	− 0·17	1	+ 0·2	0·15	23
Aligarh	29·408	...	N 45 W	4·1	52·3	47·0	73·8	...	81	1	46·2	...	41	6 days	63	...	1·3	0·20	...	1	...	0·17	24
Bareilly	29·459	+ ·002	S 67 W	1·6	52·1	49·5	74·0	+ 1·3	79	7, 8	47·1	+ 1·5	41	11	86	+ 6	1·6	0·23	− 0·10	1	+ 0·2	0·17	25
*Meerut	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·71	+ 0·33	2	+ 0·9	0·61	24
Roorkee	29·093	− ·023	W	1·9	48·3	46·7	69·5	− 2·0	76	8	43·8	+ 0·7	38	11	89	+ 5	2·1	1·62	+ 1·08	1	− 0·2	1·41	24
Dehra Dun	29·726	− ·020	N	1·2	44·8	42·3	68·7	− 0·1	77	3	42·4	− 3·2	36	25	81	+ 7	2·5	2·68	+ 1·90	4	+ 2·6	1·41	24
Punjab, East and North																							
Delhi	29·302	− ·011	S 83 W	2·7	51·6	45·3	73·1	...	80	6	44·1	...	37	12, 14	56	...	2·4	0	− 0·40	0	− 0·9	0	...
Hissar	29·299	− ·021	S 53 W	3·3	49·0	44·0	74·3	+ 0·2	82	1, 6	42·0	− 0·8	35	14, 16	64	− 6	2·0	0·65	+ 0·36	2	+ 1·2	0·51	24
Ambala	29·106	− ·017	N 31 W	3·4	50·3	46·4	72·0	− 0·1	80	3, 19	44·9	+ 1·8	39	11, 15	72	− 8	2·4	2·55	+ 1·98	3	+ 1·7	1·77	24
Ludhiana	29·208	− ·007	S 81 W	1·8	49·5	45·2	71·8	+ 1·5	80	1	42·2	− 2·2	35	12,14,15	68	− 8	2·6	1·54	+ 0·89	1	− 0·3	1·41	24
Lahore	29·322	− ·014	N 83 W	1·3	45·4	43·2	70·6	− 1·7	79	4 days	40·2	− 0·9	33	10	84	+ 2	3·7	1·53	+ 1·17	2	+ 1·0	0·82	30
Sialkot	29·188	− ·015	N 77 E	1·4	45·9	43·7	69·9	+ 0·6	79	1, 4, 19	40·7	− 1·5	34	14, 17	84	+ 5	2·2	2·21	+ 1·55	2	+ 0·8	2·04	24
Rawalpindi	28·317	− ·029	Calm	1·6	40·3	36·6	67·1	+ 0·3	77	1, 3	35·7	− 1·7	28	11	70	− 5	3·6	1·87	+ 0·77	4	+ 2·0	0·72	29

* Reports only rainfall. *a*—Mean of 30 days. *c*—Mean of 28 days. (*b*) Mean of 19 days. (*p*) Mean of 15 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Punjab, Southwest																							
Khushab ...	29·433	−·020	S 44 E	2·5	47·4	41·4	72·7	+ 1·0	84	3, 4, 5	39·7	− 1·9	36	10	55	− 5	2·4	0·80	+ 0·35	2	+ 1·2	0·60	29
Lyallpur ...	29·441	+·001	N 83 W	2·0	47·8	43·4	71·1	+ 1·2	82	4	40·8	− 0·5	32	30	66	− 14	3·5	0·19	− 0·14	1	− 0·1	0·12	30
Montgomery ...	29·467	−·033	N 18 E	1·5	46·6	43·2	72·3	+ 0·2	81	1, 4	40·8	− 1·8	33	30	73	...	2·4	0·02	− 0·28	0	− 1·0	0·02	24
Multan ...	29·625	−·022	N 13 E	1·4	50·9	45·0	74·1	+ 0·8	85	4	44·5	− 0·6	38	30	59	− 10	2·6	0·01	− 0·21	0	− 0·6	0·01	26
Bahawalpur ...	29·677	...	N 75 E	2·2	47·5	43·7	73·6	...	86	4	41·9	...	35	30	70	...	2·3	0	− 0·32	0	− 0·4	0	...
Khanpur ...	29·778	...	N 9 E	4·0	48·1	43·2	76·5	...	88	4	41·6	...	34	25	63	...	1·6	0·01	− 0·03	0	− 0·1	0·01	22
Kashmir																							
Srinagar ...	24·985	−·018	N 34 W	2·6	26·2	25·6	48·6	+ 0·7	61	1	22·8	− 4·6	13	13	94	+ 4	5·6	0·50	− 0·94	3	− 0·6	0·24	24
*Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·27	− 3·31	8	+ 0·7	0·55	22
Dras ...	20·791	−·019	Calm	3·5	13·1	10·9	34·8	+ 9·1	48	1, 2, 7	9·0	+ 10·1	15	31	72	− 16	4·7	1·08	− 0·65	3	− 2·8	0·36	23
Leh ...	19·649	−·038	N 37 E	2·6	16·4	13·9	37·4	+ 1·7	51	3	12·6	− 0·2	10	28	69	+ 13	4·9	0·82	− 0·66	4	+ 3·5	0·20	23
Skardu ...	22·924	−·052	S 26 W	3·9	24·2	23·4	43·2	+ 2·9	57	1, 3, 4	21·5	− 0·2	14	4 days	89	0	5·0	0·24	− 0·15	1	− 0·2	0·18	22
Gilgit ...	...	...	Calm	1·0	35·2	31·5	51·0	+ 1·5	59	1, 3, 4	31·8	− 1·7	26	11, 12	69	+ 9	5·0	0	− 0·11	0	− 0·3	0	...
North-West Frontier Province																							
Peshawar ...	28·866	−·037	S 3 W	2·3	43·5	37·7	70·0	+ 3·4	83	4	38·7	− 1·8	31	30	52	− 11	4·4	0·49	− 0·10	1	− 0·3	0·45	24
Miranshah ...	...	...	N 40 W	4·8	48·0	37·7	61·0	...	76	5	40·3	...	32	30	29	...	2·5	0·94	...	1	...	0·94	24
Dera Ismail Khan ...	29·480	−·011	N	1·1	45·7	40·9	72·3	+ 0·6	83	3, 5	39·0	− 1·6	32	30	62	− 10	3·0	0	− 0·20	0	− 0·6	0	...
†Baluchistan																							
Fort Sandeman ...	25·477	−·009	N 72 W	1·9	35·1	28·6	59·8	− 0·5	70	5	32·0	− 0·5	22	31	45	− 24	2·3	0·07	− 0·49	0	− 1·5	0·05	24
*Harnai ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·69	0	− 1·5	0	...
Quetta[a] ...	24·778	−·004	S 19 W	3·0	29·2	...	51·6	− 3·3	61	17	24·7	− 6·3	13	30	...	...	4·5	0·42	− 0·50	1	− 1·3	0·21	26
Chaman ...	25·816	+·029	S 57 E	2·8	36·2	32·7	52·8	− 3·3	65	17	32·8	− 3·1	23	30	69	+ 6	3·8	1·19	0·02	5	+ 1·9	0·30	20
Kalat ...	23·770	+·004	S 30 W	3·7	25·9	22·7	51·3	− 4·0	64	20	21·1	− 2·1	9	30	69	+ 4	3·9	0·28	− 0·67	1	− 1·1	0·13	26
Dalbandin ...	27·285	+·045	N 71 E	1·4	34·9	31·3	57·3	− 7·2	69	17, 19	30·7	− 4·0	19	30	68	− 5	3·4	0·31	− 0·40	1	− 0·9	0·15	24
Las Bela ...	29·778	...	N 19 W	2·5	61·7	51·7	83·0	...	92	3	45·6	...	37	25, 30	46	...	1·5	0	...	0	...	0	...
Sind																							
Jacobabad ...	29·865	·032	N 51 E	1·6	54·3	45·4	76·8	+ 0·6	87	4, 5, 6	45·2	+ 1·0	36	30	43	− 21	1·2	0	− 0·13	0	− 0·4	0	...
Sukkur ...	29·842	...	N 80 E	3·3	51·9	46·7	76·0	...	87	4	47·4	...	40	25, 30	66	...	1·2	0	...	0	...	0	...
Chhor ...	30·028	...	N 13 E	3·8	57·0	47·4	84·3	...	93	4	45·7	...	33	30	43	...	2·4	0	...	0	...	0	...
Hyderabad ...	29·982	+·004	N 6 W	4·8	60·1	50·6	78·0	− 0·6	90	4	53·1	+ 1·6	42	30	47	− 10	3·7	0	− 0·06	0	− 0·2	0	...
Karachi ...	30·044	−·017	N 37 E	7·3	61·0	53·9	79·2	+ 1·6	87	3	60·5	+ 1·0	47	30	48	− 11	3·4	0	− 0·14	0	0·5	0	...
Badin ...	30·007	...	N 18 E	3·3	57·8	49·9	81·3	...	90	4, 5	51·1	...	33	30	53	...	2·3	0	...	0	...	0	...
Rajputana, West																							
Bikaner ...	29·287	+·017	S 62 E	4·2	50·5	41·3	78·6	+ 3·4	89	1	48·1	− 1·5	39	30, 31	38	− 14	1·8	0	− 0·18	0	− 0·4	0	...
Jodhpur ...	29·231	·020	N 43 E	4·0	58·9	47·8	81·9	+ 2·3	89	1, 2	53·3	+ 1·1	43	25, 30	38	− 4	2·4	0	− 0·12	0	− 0·5	0	...
Barmer ...	29·359	...	N 47 W	4·2	58·5	51·5	80·3	...	88	1	53·4	...	40	30	58	...	1·7	0	...	0	...	0	...
Rajputana, East																							
Jaipur ...	28·594	−·002	N 57 E	2·1	58·2	48·7	78·9	+ 1·7	86	2	48·5	− 0·2	37	30	47	− 9	1·4	0·06	− 0·15	0	− 0·6	0·06	24
Ajmer ...	28·400	−·016	Calm	2·1	57·3	47·7	77·1	+ 1·4	87	1	46·6	+ 0·2	37	30	46	− 24	1·8	0	− 0·28	0	− 0·5	0	...
Kotah ...	29·192	−·007	S 84 W	1·5	59·1	50·3	81·0	+ 1·9	89	23	51·4	− 1·5	44	6, 31	48	− 8	1·8	0	− 0·26	0	− 0·6	0	...
Jhalrapatan ...	28·968	...	N 45 W	1·5	57·0	49·4	81·4	...	89	1	47·9	...	42	31	54	...	0·8	0	...	0	...	0	...
*Udaipur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	− 0·08	0	− 0·3	0	...
Gujarat																							
Deesa ...	29·538	−·017	N 75 E	3·0	66·8	52·4	89·1	+ 3·3	97	1, 2, 3	51·0	− 1·3	39	30	30	− 16	1·8	0	− 0·04	0	− 0·1	0	...
Bhuj ...	29·671	−·013	N 12 W	2·6	61·0	51·6	83·9	+ 2·1	93	2, 3	56·2	+ 1·3	43	30	37	− 20	1·7	0	− 0·04	0	− 0·1	0	...
Dwarka ...	29·987	−·010	N 39 E	8·0	70·3	61·1	83·3	+ 2·4	93	3	64·0	+ 2·9	54	31	57	− 9	3·1	0	− 0·04	0	− 0·2	0	...
Rajkot ...	29·562	−·012	N 40 E	3·7	65·1	52·7	87·6	+ 2·6	96	2	55·9	+ 3·1	44	31	38	− 10	2·5	0	− 0·04	0	− 0·1	0	...
Veraval ...	29·991	+·009	N 36 E	3·8	72·4	60·3	86·8	+ 2·7	95	3, 4	64·1	+ 1·8	58	30	46	− 4	2·1	0	− 0·08	0	− 0·2	0	...
Surat ...	29·969	+·003	N 69 E	1·9	68·6	60·0	91·8	+ 4·1	97	6 days	60·7	+ 2·1	53	30, 31	58	− 3	1·9	0	− 0·04	0	− 0·1	0	...
Bhavnagar ...	29·968	+·001	N 31 W	3·0	64·5	53·1	86·5	+ 1·2	93	1, 3	57·5	+ 1·6	47	30, 31	41	− 13	1·7	0	− 0·07	0	− 0·1	0	...
Ahmadabad ...	29·862	−·002	N 70 E	2·8	68·3	55·1	88·1	+ 1·7	96	1, 3	60·4	+ 1·1	51	25	38	− 8	1·2	0	− 0·03	0	0	0	...
Dohad ...	29·007	...	S 49 E	3·3	59·1	54·1	86·3	...	94	1	52·1	...	44	30	70	...	0·7	0	...	0	...	...	...

* Reports only rainfall. † Stations in Baluchistan, excluding Las Bela, record observations at 7 hrs. (local time). *a*—Mean of 30 days. *b*—Mean of 29 days.

STATION.	Pressure. At 8 h., reduced to 32° and standard gravity.	Pressure. Departure from normal.	Wind. Mean direction at 8 h.	Wind. Mean velocity in miles per hour.	Temperature. Mean 8 h. Dry bulb.	Temperature. Mean 8 h. Wet bulb.	Temperature. Maximum. Mean.	Temperature. Maximum. Departure from normal.	Temperature. Maximum. Highest in month.	Temperature. Maximum. Date.	Temperature. Minimum. Mean.	Temperature. Minimum. Departure from normal.	Temperature. Minimum. Lowest in month.	Temperature. Minimum. Date.	Humidity. Mean 8 h.	Humidity. Departure from normal.	Cloud. Mean amount 8 h.	Rainfall. Total of the month.	Rainfall. Departure from normal.	Rainfall. Number of rainy days.	Rainfall. Departure from normal.	Rainfall. Heaviest fall in month.	Rainfall. Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Central India, West																							
Neemuch	28·382	−·012	N 63 E	1·2	60·7	51·6	80·8	+2·3	88	1	49·9	+0·8	41	25, 31	50	−4	1·3	0	−0·17	0	−0·5	0	...
Indore	28·166	−·012	S 46 E	2·3	62·3	52·5	81·3	+1·4	89	1	49·6	−0·2	40	30	48	−11	0·4	0	−0·21	0	−0·5	0	...
Bhopal	28·364	...	S	1·9	61·6	52·2	81·2	...	87	1	49·2	...	42	31	50	...	1·0	0	...	0	...	0	...
Guna	29·422	...	N 84 E	1·8	53·2	47·1	79·9	...	86	1	44·9	...	38	31	60	...	0·7	0	...	0	...	0	...
Central India, East																							
Nowgong	29·282	−·004	S 68 W	1·1	50·6	47·1	79·7	+1·7	87	24	43·0	−3·4	37	31	75	+1	1·2	0	−0·41	0	0·6	0	...
Sutna	28·959	−·020	S 60 W	2·6	53·6	46·5	79·6	+4·4	84	1, 23	45·0	−2·2	40	11, 18	55	−14	0·9	0	−0·36	0	−0·8	0	...
Umaria	28·498	...	S 45 W	2·6	54·5	49·7	77·9	...	85	24	44·4	...	39	31	66	...	0·6	0	...	0	...	0	...
Berar																							
Akola	29·075	−·009	N 66 E	2·1	62·4	53·2	86·1	+1·7	91	23, 24	52·5	+0·2	47	19, 21	51	−1	0	0	−0·60	0	−1·0	0	...
Amraoti	28·773	−·016	N 75 E	4·7	67·3	54·5	85·4	+2·3	89	1, 13, 24	59·4	+1·9	55	16, 30	38	−13	1·5	0	−0·49	0	−0·7	0	...
Central Provinces, West																							
Khandwa	28·952	−·012	S 73 E	3·2	61·2	52·5	85·9	+2·3	93	1	50·1	−1·0	43	31	53	−5	0·8	0	−0·28	0	−0·4	0	...
Hoshangabad	29·035	−·003	N 71 E	3·0	61·5	53·1	81·7	+2·5	87	1	52·7	+3·0	48	20, 27	53	−12	0·4	0	−0·43	0	−0·7	0	...
Saugor	28·171	−·028	S 58 E	2·5	61·8	49·9	78·5	+1·5	85	23	54·9	+2·3	44	31	38	−11	0·7	0	−0·44	0	−0·6	0	...
Jubbulpore	28·670	−·010	S 21 E	1·3	54·2	48·8	80·2	+3·2	87	24	45·4	−1·3	40	11, 31	66	−8	0·7	0	−0·29	0	−0·6	0	...
Seoni	27·961	−·009	N 13 E	2·5	62·7	53·4	80·0	+2·3	84	1, 9	50·2	0	46	18	50	−12	0·5	0	−0·53	0	−0·9	0	...
Nagpur	28·988	−·005	N 47 E	2·3	61·2	52·7	85·1	+3·4	89	9	52·5	−1·7	47	18	53	−7	1·6	0	−0·54	0	−0·9	0	...
Central Provinces, East																							
Pendra	27·949	−·011	N 37 W	2·4	58·1	50·9	74·9	+1·7	78	24	50·5	+1·8	45	5, 11	60	0	0·7	0	−0·27	0	−0·5	0	...
Raipur	29·035	−·004	Calm	2·0	62·3	55·6	81·6	+2·1	86	21	53·6	−0·5	48	18	64	−1	0·3	0	−0·24	0	−0·4	0	...
Kanker	28·684	...	N 61 W	2·8	57·4	54·3	81·3	...	86	24	48·7	...	42	18	82	...	1·4	0·01	...	0	...	0·01	30
Chanda	29·373	·003	N 14 E	2·4	62·5	57·4	84·1	+1·4	89	25, 30	52·3	+0·1	45	20	72	−1	0·4	0	−0·24	0	−0·7	0	...
Jagdalpur	28·146	−·026	N 45 W	2·8	56·7	55·1	80·7	+1·2	85	23, 26, 29	50·3	−1·3	45	18, 19	91	+8	0·7	0	−0·16	0	−0·4	0	...
Konkan																							
Bombay	29·943	+·001	E	5·7	74·1	68·3	87·5	+1·1	93	2	70·4	+1·6	64	27, 30	72	0	0·8	0	−0·05	0	−0·1	0	...
Ratnagiri	29·767	+·020	N 76 E	4·4	79·5	65·5	88·9	−0·3	93	2, 11	69·4	+1·9	63	30	43	−11	0·2	0	−0·08	0	−0·2	0	...
Marmagao	29·775	+·036	N 83 E	5·7	74·1	66·8	86·3	...	90	11	70·7	...	66	21	66	...	2·2	0·10	...	1	...	0·10	2
Karwar	29·915	+·012	N 30 E	1·5	68·1	64·9	88·1	+0·6	91	6 days	65·6	−0·9	58	20	84	+6	2·2	1·08	+0·85	1	+0·7	1·08	2
Bombay Deccan																							
Malegaon	28·572	+·009	S 76 W	3·3	61·9	53·5	86·3	+1·4	90	4 days	51·7	−0·3	42	30	54	0	2·6	0	−0·19	0	−0·3	0	...
Ahmadnagar	27·837	−·002	W	3·1	63·2	54·7	83·7	+0·3	87	7, 9, 24	52·7	0	47	18	56	0	0·6	1·17	+0·76	1	+0·5	1·17	1
Poona	28·155	+·006	N 78 E	2·8	61·8	56·4	85·8	+1·1	89	4 days	51·8	−1·2	45	19, 21	70	+17	0·9	0·50	+0·34	1	+0·5	0·50	1
Sholapur	28·415	+·007	S 65 E	3·8	67·8	58·4	85·3	+1·2	88	28, 29	56·3	−2·0	50	18, 20	54	+4	0·9	0	−0·45	0	−0·6	0	...
Miraj	28·174	...	S 80 E	4·3	66·9	58·8	85·0	...	88	29, 30	56·8	...	50	20	61	...	0·7	0	...	0	...	0	...
Bijapur	28·030	+·007	S 78 E	2·2	67·8	59·2	83·5	−0·9	88	25, 27	57·6	−0·2	49	20, 21, 30	59	−6	0·9	0	−0·23	0	−0·5	0	...
Belgaum	27·417	+·011	N 80 E	2·9	65·7	58·2	82·8	+1·0	86	27, 29, 30	57·9	−0·5	55	5 days	62	+2	0·9	0	−0·37	0	−0·5	0	...
Gadag	27·843	...	E	...	69·5	61·0	84·4	...	89	30	60·8	...	51	20	60	...	1·3	0	...	0	...	0	...
Hyderabad, North																							
Aurangabad	28·098	−·012	N 85 E	4·4	64·5	55·4	83·9	+0·1	88	1	55·7	+0·4	50	19, 21	54	+5	2·1	1·15	+0·86	1	+0·1	1·15	1
*Parbhani	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·07	−0·30	0	−0·4	0·07	1
Nizamabad	28·743	+·029	N 38 E	1·0	65·9	58·9	86·2	+2·7	90	1	51·5	+0·4	48	18, 19, 20	64	−2	0·8	0	−0·19	0	−0·4	0	...
Hyderabad, South																							
Gulbarga	28·488	+·008	N 73 E	4·7	67·2	59·0	84·8	−0·7	88	28	57·1	−1·4	50	19, 20	61	+1	0·6	0	−0·16	0	−0·3	0	...
Raichur	28·675	+·014	S 70 E	4·7	70·0	62·9	83·6	−1·3	88	26, 27, 30	62·1	−1·6	54	20	66	+1	0·8	0	−0·15	0	−0·2	0	...
Hyderabad	28·281	+·016	N 45 E	2·4	65·9	60·3	83·4	+1·0	89	30	56·8	−1·5	51	19	72	0	1·4	0	−0·19	0	−0·4	0	...
Hanamkonda	29·131	+·014	S 45 E	2·1	65·8	61·5	83·9	+0·7	88	26, 27	59·0	−0·8	53	18, 20	76	+18	1·1	0	−0·22	0	−0·4	0	...
Mysore																							
Chitaldrug	27·568	+·016	N 84 E	3·8	69·1	63·2	82·4	+0·3	87	30	61·8	+0·6	57	4 days	71	+4	2·6	0	−0·34	0	−0·6	0	...
Bangalore	26·967	+·008	N 73 E	4·1	65·7	62·0	79·9	+1·0	81	11	59·4	+0·9	52	20	82	+3	4·4	0·26	−0·22	2	+0·7	0·16	16
Mysore	27·448	+·005	N 49 E	4·2	67·4	63·3	81·5	−0·3	85	27, 28, 30	61·5	+1·1	53	20	79	+4	3·3	0·03	−0·34	0	−0·9	0·03	14
Malabar																							
Mangalore	29·870	+·015	N 77 E	4·5	76·6	69·9	88·2	−1·1	91	7 days	76·6	−0·2	64	20	71	+5	3·1	0·26	−0·24	1	+0·3	0·26	1
Calicut	29·904	+·013	E	2·7	75·7	71·1	87·4	+0·5	94	30	71·2	+0·1	64	19, 20, 21	77	−2	3·2	0·02	−1·07	0	−1·8	0·02	3
Cochin	29·917	+·014	N 65 E	3·8	78·6	71·8	86·2	−2·5	89	19, 29	73·7	+0·9	68	19, 21	70	−4	3·5	0·20	−1·54	1	−1·6	0·14	1
Trivandrum	29·697	−·001	N 28 E	3·0	76·6	72·5	84·9	+1·6	88	22, 29	73·4	+0·5	70	24	82	+2	3·7	2·06	−0·38	4	+0·4	0·96	1

* Reports only rainfall. *a*—Mean of 30 days. *b*—Mean of 29 days. *c*—Mean of 28 days. *f*—Mean of 25 days. *h*—Mean of 23 days. *i*—Mean of 22 days.

STATION.	Pressure.		Wind.		Temperature.										Humidity.		Cloud.	Rainfall.					
					Mean 8 h.		Maximum.				Minimum.												
	At 8 h., reduced to 32° and standard gravity.	Departure from normal.	Mean direction at 8 h.	Mean velocity in miles per hour.	Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Date.	Mean.	Departure from normal.	Lowest in month.	Date.	Mean 8 h.	Departure from normal.	Mean amount 8 h.	Total of the month.	Departure from normal.	Number of rainy days.	Departure from normal.	Heaviest fall in month.	Date.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Madras, Southeast																							
*Palamcottah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·72	− 0·28	7	+ 1·6	1·33	4
Pamban ...	29·908	+ ·019	N 11 W	12·2	78·4	74·8	82·2	− 0·4	85	1, 2, 3	74·3	− 0·2	71	19	84	− 4	5·0	8·30	+ 0·81	10	+ 0·6	2·92	12
Madura ...	29·478	+ ·001	N 13 E	4·2	74·1	68·8	85·0	− 1·0	89	27, 28	70·5	+ 0·1	67	25	74	− 2	5·5	0·85	− 0·92	3	− 0·5	0·21	17
Negapatam ...	29·918	+ ·014	N 18 W	10·0	75·7	72·1	82·1	0	86	11	72·5	+ 0·5	68	20	84	+ 1	6·6	20·39	+ 8·99	11	+ 1·7	10·14	3
Trichinopoly ...	29·706	+ ·007	N 12 E	2·5	74·5	70·2	83·7	− 1·7	89	26	70·3	+ 1·0	67	25	79	+ 2	4·8	4·32	+ 1·71	7	+ 2·4	1·76	3
Coimbatore ...	28·605	+ ·002	N 42 E	2·7	73·0	67·4	83·2	− 1·5	88	27	66·1	+ 0·1	58	20, 21	74	− 8	5·7	0·08	− 1·10	0	− 2·6	0·05	3
Salem ...	29·037	+ ·005	N 39 E	3·9	72·3	67·8	85·4	− 0·8	91	27	66·5	+ 1·0	60	19	78	+ 1	4·1	1·95	+ 0·97	2	− 0·2	1·70	3
Cuddalore ...	29·934	+ ·018	N 22 W	5·7	74·6	71·4	82·3	− 0·5	85	26	71·0	+ 1·1	67	20	86	0	5·8	8·17	+ 0·94	9	+ 2·8	5·25	3
Vellore ...	29·259	− ·003	N 13 E	2·6	69·7	67·5	83·3	+ 1·0	89	26	64·6	+ 0·1	57	20	90	+ 4	3·0	0·81	− 1·90	2	− 1·9	0·57	15
Madras ...	29·955	+ ·007	N 27 W	8·7	74·8	72·0	82·9	− 1·0	85	6 days	69·5	+ 0·2	65	8, 20, 30	86	+ 3	4·0	3·07	− 2·74	3	− 2·2	1·40	15
Madras, Deccan																							
Cuddapah ...	29·567	+ ·014	S 49 E	4·2	74·0	69·2	85·7	− 0·8	91	26, 27	66·5	+ 1·2	59	20	76	− 1	1·9	0	− 0·90	0	− 1·5	0	...
*Anantapur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·12	− 0·15	1	+ 0·6	0·12	1
Bellary ...	28·503	+ ·010	S 65 E	2·2	70·7	63·8	84·8	+ 1·3	89	26, 27, 28	62·5	+ 1·0	55	20	67	− 1	2·4	0·12	+ 0·01	1	+ 0·7	0·12	1
Kurnool ...	29·066	+ ·013	N 45 E	2·5	69·5	63·3	86·4	− 0·3	92	26, 27	61·1	+ 1·0	51	20	70	− 2	1·1	0·23	− 0·01	1	+ 0·6	0·23	1
Madras Coast, North																							
Nellore ...	29·934	+ ·017	N 49 W	3·4	72·9	70·0	84·7	+ 0·8	90	27	68·2	+ 0·1	63	19, 20	85	− 1	3·3	0·70	− 2·49	2	− 1·1	0·43	15
Masulipatam ...	30·000	+ ·003	N 6 E	4·4	71·7	68·1	81·6	− 1·5	81	1 days	66·5	0	61	19, 20	83	+ 2	0·6	0	− 0·87	0	− 1·1	0	...
Cocanada ...	29·993	+ ·010	N	5·8	71·0	66·3	84·6	+ 1·1	87	26	65·7	− 0·5	59	19	78	+ 4	2·6	0	− 0·87	0	− 0·9	0	...
Vizagapatam ...	29·888	+ ·004	N 23 W	4·3	70·9	66·7	84·1	+ 0·3	88	1, 11, 27	66·1	− 2·0	61	18, 19, 26	80	+ 17	1·3	0·11	− 0·62	1	0	0·11	25
Calingapatam ...	30·007	+ ·005	N 57 W	5·1	69·0	66·1	80·6	+ 0·2	81	27	63·8	+ 1·0	56	18	87	+ 6	0·5	0	− 0·65	0	− 0·5	0	...
Gopalpur ...	29·974	+ ·001	N 16 W	5·7	66·9	63·6	81·8	+ 1·9	84	5 days	61·2	+ 0·2	55	18	82	+ 5	1·3	0	− 0·74	0	− 0·9	0	...
Hill Stations, excluding Kashmir and Baluchistan																							
Maymyo ...	26·510	+ ·014	S 45 E	3·0	51·9	50·7	72·0	+ 2·5	76	13, 25	43·4	− 0·1	34	29	93	0	1·6	0	− 0·64	0	− 1·2	...	...
Haka ...	24·135	...	N 11 E	1·8	44·5	40·9	61·0	...	67	14, 15, 31	41·2	...	36	21	75	...	2·2	0·30	...	2	...	0·20	6
Kanpetlet ...	23·943	...	S 17 E	...	50·2	44·5	59·9	...	67	24	41·2	...	39	19	66	...	2·9	0	...	0	...	...	...
Shillong ...	25·175	+ ·007	S 18 E	1·6	54·2	47·6	60·8	− 0·8	65	26	41·1	+ 1·4	34	28	74	+ 2	0·8	0·71	+ 0·52	3	+ 2·4	0·23	18
Cherrapunji ...	25·741	+ ·018	N 85 E	4·5	56·1	50·9	61·3	− 0·6	67	7	48·4	+ 1·0	40	28	65	− 3	2·0	0·09	− 0·22	0	− 0·7	0·09	26
Darjiling ...	22·951	+ ·016	S 82 E	2·5	45·8	40·5	50·2	+ 0·8	58	3	38·3	+ 1·6	32	29	63	− 13	4·3	1·21	+ 0·97	1	+ 0·4	1·19	25
Kalimpong ...	26·059	− ·010	N 55 W	5·8	52·9	50·6	61·6	− 0·6	67	2, 3	49·0	+ 2·2	44	28	84	+ 5	3·3	0·95	+ 0·71	1	+ 0·5	0·95	25
Mukteswar ...	22·838	− ·009	S 85 W	7·8	43·7	35·0	52·3	− 1·7	65	2	40·3	+ 2·3	28	30	41	0	2·5	1·43	+ 0·74	4	+ 2·6	0·70	24
Mussoorce ...	23·397	+ ·016	N 80 E	5·0	41·8	36·3	53·1	+ 1·9	71	5	40·1	0	27	25	42	− 12	2·6	4·26	...	4	...	1·70	24
Simla ...	23·119	− ·005	S 47 E	2·1	45·5	35·8	51·8	+ 1·7	68	2	39·9	+ 0·7	23	24	37	+ 3	2·8	2·02	+ 0·91	4	+ 2·0	0·83	24
*Dharampore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·45	+ 1·66	5	+ 2·5	1·90	24
*Dalhousie ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·80	− 0·25	5	+ 2·3	1·42	25
Murree ...	23·240	...	S 61 E	3·3	40·3	32·1	49·6	− 1·9	67	5	35·3	− 3·3	20	30	41	− 6	2·7	1·01	− 0·56	5	+ 2·2	0·23	22, 29
Cherat ...	25·786	− ·004	N 19 W	11·1	46·8	38·2	54·7	+ 0·5	66	3	43·0	+ 0·9	30	29	42	2	3·7	0·53	− 0·93	1	− 0·9	0·45	24
Parachinar ...	24·511	+ ·019	N	2·6	37·6	31·5	56·1	+ 1·8	69	5	32·1	− 0·1	19	29	53	− 9	2·6	0·58	− 0·59	4	+ 0·8	0·20	29
Drosh ...	...	...	N 75 E	1·3	37·3	31·3	54·0	+ 2·7	66	4	35·5	+ 0·5	24	30, 31	51	− 13	3·2	0·02	− 1·05	0	− 3·2	0·02	19
Mount Abu ...	26·104	− ·009	N 6 E	3·5	61·1	48·0	70·1	+ 1·9	78	20	53·1	+ 0·2	38	30	35	− 7	2·1	0	− 0·12	0	− 0·3	0	...
Pachmarhi ...	26·529	+ ·015	N	1·6	63·0	52·1	73·8	+ 3·0	78	1, 23	44·3	− 1·5	37	31	45	− 19	1·8	0	− 0·46	0	− 0·7	0	...
Mahableshwar ...	26·576	...	N 79 E	...	61·0	53·1	74·3	...	79	4 days	57·2	...	52	30	46	...	0·3	0·12	...	1	...	0·12	1
Mercara ...	26·225	+ ·012	N 68 E	6·2	61·9	59·3	73·5	− 1·7	78	30	57·3	− 0·2	50	20	86	+ 2	4·1	0·04	− 0·70	0	− 1·1	0·04	15
Kodaikanal ...	22·808	+ ·016	S 76 E	8·4	53·4	47·0	60·7	− 1·4	69	26	45·8	− 1·1	38	21	62	− 1	5·2	4·80	+ 0·38	10	+ 3·0	1·43	11
Coonoor ...	24·496	...	S 36 E	3·4	58·3	53·0	65·4	...	70	10, 26, 27	47·6	...	38	21	70	...	4·3	2·21	...	6	...	0·68	15
Ceylon																							
Colombo ...	29·886	+ ·014	N 46 E	4·2	74·5	72·1	85·4	− 1·2	89	18	71·7	− 0·9	67	31	88	+ 3	5·0	5·74	+ 0·26	10	+ 2·5	1·64	12
Trincomalee ...	29·805	+ ·036	N 51 E	5·8	77·1	73·8	80·7	− 2·3	82	8 days	74·0	− 0·2	71	12	84	− 3	5·7	12·19	− 1·71	17	+ 3·1	2·56	7
Hambantota ...	29·821	+ ·001	N 31 E	11·0	75·8	72·6	84·3	− 0·2	87	2, 29	72·0	− 0·7	68	23	86	− 5	3·9	3·94	− 1·21	9	+ 0·8	1·03	5
Nuwara Eliya ...	24·072	...	...	...	53·7	52·0	67·5	...	71	24	46·5	...	33	31	91	...	4·4	3·68	...	13	...	0·69	9
Arabia																							
†Aden ...	29·932	+ ·013	N 58 E	6·7	76·3	70·3	85·8	+ 4·7	90	6	73·8	+ 0·7	70	1	73	− 1	6·2	0	− 0·11	0	− 0·2	0	...

* Reports only rainfall. † Records observations at 7 hrs. (local time). *b*—Mean of 29 days.

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