GOVERNMENT OF INDIA

India. METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

ANNUAL SUMMARY FOR 1928

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PART G

INTRODUCTION

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UNDER THE DIRECTION OF

C. W. B. NORMAND, M.A., D.Sc.,

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CALCUTTA: GOVERNMENT OF INDIA
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INDIA WEATHER REVIEW, 1928

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 includes 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 186 stations, which telegraph observations daily at 8 hrs. to headquarters ; these means form the basis of the divisional means appearing in the above-mentioned Tables I and II.

Beginning with the present issue, the Annual Summary will be published under seven headings as detailed below :—

A.—Summary of Weather and rainfall including—

(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.

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, D_5 and D_6 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 non-telegraphing stations. The additional climatic tables for Kodaikanal, Madras, Lahore, Bombay and Trivandrum are given in the appendix.

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

F.—Errata sheets for the Monthly Weather Reports.

G.—Introduction ; Table of contents, Title page and list of publications issued by the Department.

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 volume 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 publication of the Monthly Weather Reports. The rainfall summary is based on the data of about 3,000 stations, and tables A-7 to A-12 are, therefore, more accurate than the tables I and II 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 be 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.

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

At Calcutta, Bombay and Trivandrum the standards are Newman instruments on the Fortin principle, with adjustable scales and fiducial points, and tubes of large bore.

All instruments are 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).

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, D-3 and D-4 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, from 1st January 1905, have been corrected 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 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 1928 sheds were replaced by Stevenson screens at 154 stations. All thermometers in use have been verified by comparison with Kew standard thermometers at Calcutta and are restandardised from time to time ; all thermometer readings are corrected to their true values.

Terrestrial Radiation.

Observations of terrestrial radiation thermometers, which are, as a rule, not very reliable, were recorded during the year 1928 at Calcutta, Lahore and Srinagar and the results are given in Table D-1. The normals used are based on nearly 50 years' data, except at Srinagar where the records extended over nearly 30 years.

Surface winds.

All anemometers used in India are compared before issue with the standard Beckley anemograph at the Alipore Observatory, Calcutta, but as only the instruments with small corrections are issued and as it is impracticable to prevent 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). 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 values are 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 Director of Land Records, or other officer 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 thirty-eighth volume, that of 1928, contains the whole rainfall data of about 3,000 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 10 hrs. and 16 hrs. observations recorded at 13 stations. In columns 17, 25, 27 and 32 these means are reduced to the "true" mean of the day by the application of corrections, given in Vol. XVII of the Memoirs of the Indian Meteorological Department and determined from hourly observation data given in Vols. V, IX and X of these memoirs. The data at once furnish the necessary corrections for the stations at which these observations were recorded ; at the remaining stations, the corrections were determined from the values at the nearest stations with similar conditions of exposure, etc., at which the hourly observations were recorded. The departures from normal are based upon normal values derived from all available data down to 1899 as published in the Indian Meteorological Memoirs, Vol. XVII. 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 in the other tables are due to this cause. Table D-2 contains the monthly and annual means of 4 hrs. and 14 hrs. (G. M. T.) observations recorded at 11 stations in Persia and the adjoining areas.

Table III of the Monthly Weather Reports and Table D-3 in part D give for each month of the year the means of 8 hrs. observations recorded at 209 stations in India and the neighbouring countries, and Table D-4 gives data of forenoon or afternoon observations recorded at 9 stations in Persia, etc., Table D-5 gives similar data from ovservations recorded at 19 fourth class observatories. The departures from the normal given in these tables are based upon the normal values determined from all available data down to 1920. Table D-6 gives monthly and annual rainfall at 34 fifth class stations.

PUBLICATIONS OF THE INDIAN METEOROLOGICAL DEPARTMENT.

(Complete list, including those publications which are now out of print.)

The Indian Meteorologist's *Vade Mecum*, Part I, 2nd Edition. (1883) . . . . . Rs. 3*	Henry F. Blanford.
Ditto ditto, ditto, Part II. (1877) Rs. 5*	Ditto.
Instructions to Observers of the Indian Meteorological Department, 2nd Edition. (1902) . . . . . Rs. 3*	Sir John Eliot.
Tables for the reduction of Meteorological Observations in India, 2nd Edition. (1889) . . . . . Rs. 2*	Henry F. Blanford.
Ditto ditto, ditto, (1910) Rs. 2*	George C. Simpson.
Ditto ditto, ditto, (1925) Rs. 5-8	Departmental.
Handbook of Cyclonic storms in the Bay of Bengal for the use of sailors, 2nd Edition, Vol. I.—Text. (1900) . Rs. 4*	Sir John Eliot.
Ditto ditto, ditto, Vol. II.—Plates, (1901) . . Rs. 1-8*	Ditto.
CYCLONE MEMOIRS—	
Part I. Bay of Bengal Cyclone of May 20th to 28th, 1887. (1888) . . . . . Re. 1*	Ditto.
Part II. Bay of Bengal Cyclone of August 21st to 28th, 1888 (1890) . . . . . Rs. 3	Ditto.
Part III. Bay of Bengal Cyclones of September 13th to 20th, and October 27th to 31st, 1888, and Arabian Sea Cyclone of November 6th to 9th, 1888. (1890) Rs. 5	Ditto.
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.
Part V. Account of three Cyclones in the Bay of Bengal and Arabian Sea during November, 1891. (1893) Rs. 3*	Sir John Eliot.
Report of the Midnapore and Burdwan Cyclone of the 15th and 16th of October, 1874. (1875) . . . . Rs. 3*	W. G. Wilson.
Report of the Vizagapatam and Backergunge Cyclones of October, 1876. (1877) . . . . . Rs. 3*	Sir John Eliot.
Report on the Madras Cyclone of May, 1877. (1879) Rs. 3*	Ditto.
Monthly weather charts of the Bay of Bengal and adjacent sea north of the equator, showing mean pressure, winds and currents. (1886) . . . . . Rs. 5*	Henry F. Blanford.
Monthly weather charts of the Arabian Sea and the adjacent portion of the North Indian Ocean, showing mean pressure, winds and currents. (1888) . . . . . Rs. 5	Sir John Eliot.,
Charts of the Bay of Bengal and adjacent sea north of the equator, showing the specific gravity, temperature and currents of the sea surface. (1887) . . . . Rs. 1-8	W. L. Dallas.
Climatological Atlas of India. (1906) . . . . Rs. 27*	Sir John Eliot.
Meteorological Atlas of the Indian seas and the North Indian Ocean. (1908) . . . . . Rs. 13*	W. L. Dallas
Daily weather reports and charts of the Indian monsoon area for the years 1893 to 1899 . . each month, Re. 1*	Departmental.
Normal weather or pilot charts of the Indian monsoon area for 8 A.M. for each month, November, 1900 to August, 1908* each month, Annas 4	Ditto.
Reports on the Meteorology of India for the years 1875—1890 (16 volumes)† . . . . . each Rs. 10	Ditto.
Storm tracks in the Bay of Bengal—A series of monthly charts for the period 1891-1923 . . Rs. 3-6 or 5*s.* 9*d.*	C. W. B. Normand.
Storm tracks in the Arabian Sea . . Rs. 3-8 or 6*s.*	Ditto.
INDIAN METEOROLOGICAL MEMOIRS—	
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Part I. On the winds of Calcutta—An analysis of 10 years' hourly observations of the wind vane and four years' anemograms.	Henry F. Blanford.

INDIAN METEOROLOGICAL MEMOIRS—(*contd.*)	
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The diurnal variation of the barometer at Simla Rs. 3*	Henry F. Blandford.
Part II. Storms in Bengal during the year 1876, accompanied with increased atmospheric pressure and the apparent reversal of the normal diurnal oscillation of the barometer.	Sir John Eliot.
On the rainfall of Benares considered in relation to the prevailing winds.	S. A. Hill.
On the diurnal variation of the barometer at Indian stations (Part I); Calcutta and Hazaribagh . . Rs. 3*	Henry F. Blanford.
Part III. Variation of rainfall in Northern India .	S. A. Hill.
Meteorological and hypsometrical observations in Western Tibet, recorded by Dr. J. Scully, with a discussion. Rs. 3*	Henry F. Blanford.
Part IV. The winds of Karachi . . . Rs. 3*	Fred. Chambers
Part V. Some results of the meteorological observations taken at Allahabad during the ten years 1870-79.	S. A. Hill.
The diurnal variation of the barometer at Indian stations (Part II); Goalpara, Patna and Leh . . Rs. 3*	Henry F. Blanford.
Part VI. The Meteorology of the North-West Himalayas. Re. 1*	S. A. Hill.
Vol. II—	
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List of cyclones on the West Coast of India and in the Arabian Sea up to the end of year 1881 . . Rs. 2	Fred. Chambers.
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Part IV. Account of the south-west monsoon storms generated in the Bay of Bengal during the years 1877 to 1881 . . . . . Rs. 2	Ditto.
Part V. Observations of temperature and humidity at a height of 40 feet above the ground at Alipore Observatory, Calcutta . . . . . Re. 1	S. A. Hill.
Vol. III—	
A full discussion of the rainfall of India and cognate subjects. Normal or average rainfall: anomalous variations of the rainfall: two appendices, index and plates . . . . . Rs. 8*	Henry F. Blanford.
Vol. IV—	
Part I. Account of the south-west monsoon storm of the 12th to the 17th of May, 1884, in the Bay of Bengal and at Akyab.	Sir John Eliot.
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† Copies for the years 1875, 1876, 1878 to 1881, 1884, 1887 and 1890 are out of print.

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MONTHLY WEATHER REPORT

FOR

January 1928.

Supplement to the Indian Daily Weather Report for the 13th February 1928.

Published by order of the Governor-General in Council.

Summary.— Eight western disturbances crossed the frontier but were weak and rainfall was in large defect in northwest India. The northeast monsoon remained feeble in south India.

The first two western disturbances which affected the frontier between the 3rd and 4th, and the 6th and 7th respectively were feeble ; the third gave local rain in Baluchistan on the 11th and local rain or snow in Kashmir on the next two days. The fourth caused widespread rain or snow along the frontier and the western Himalayas on the 18th and 19th, and while passing away eastwards through Chota Nagpur gave light local rain in north Bengal and Assam on the 20th. The fifth western disturbance affected the frontier on the 23rd morning, lay as a depression over Rajputana on the 24th and induced a low pressure area over the Central Provinces ; it gave between the 23rd and 24th extensive rain or snow along the Himalayas and the submontane districts from the frontier to Assam and nearly general rain on the Punjab-Kumaon hills with local rain in Chota Nagpur on the 25th. The sixth affected Baluchistan on the 26th, lay as a depression over Central India on the morning of the 27th and became unimportant on the next day after giving extensive rain or snow along the western Himalayas on the 26th and 27th and nearly general rain in Bihar on the 28th. The seventh passed away eastwards through Kashmir after causing nearly general rain or snow along the western Himalayas on the 28th, and the last gave local snow in the extreme north on the 31st.

2. A shallow depression which had formed by the morning of the 1st January in the southwest of the Bay of Bengal persisted till the 4th and stimulated the northeast monsoon which gave local rain on the Coromandel coast on the 3rd. The monsoon, however, remained inactive thereafter, only reviving feebly in the extreme south on the 26th.

3. The month's rainfall was in slight excess in the Bay Islands and Bengal and in moderate excess in Kashmir, the east United Provinces and Southeast Madras, while it was in large excess in the west United Provinces and Lower Burma and in very large excess in Chota Nagpur and Bihar ; it was in slight defect in Baluchistan, the Punjab and Central India East, in moderate defct in Malabar and in large defect over the rest of the country. Averaged over the plains of India the rainfall of the month was in defect by 10 per cent.

4. Temperature was considerably below normal over the region extending from Gujarat to the United Provinces from the 2nd to 4th January ; it was markedly low in the east United Provinces, Bihar and Bengal from the 5th to 7th, while it was below normal along the frontier on the 26th and 27th and in northwest India between the 28th and 31st. Temperature was high along the western Himalayas between the 6th and 9th and over the south Deccan on the 7th. Maximum temperature was above normal in Kashmir between the 5th and 9th and from the 14th to 16th and was higher than usual in Burma and Orissa from the 26th to 30th and in Mysore during the last week of the month ; it was below normal in Bihar from the 2nd to 7th and from the 23rd to 27th, in the east United Provinces during the first week and in the west United Provinces on the first five days of the month and during the last week ; it was lower than usual in the Punjab and the North-West Frontier Province during the first and the last week and was below normal in Baluchistan from the 25th to 31st. The maximum was low in Rajputana West and Gujarat during the first and the last four days of the month and in Rajputana East from the 1st to 4th and from the 25th to 31st ; it was also low over Central India during the first five days. The minimum temperature was below normal in Orissa and Chota Nagpur between the 4th and 7th, in the Central Provinces and Hyderabad North from the 3rd to 6th and was low in Baluchistan from the 5th to 9th and during the last week ; it was high in Mysore and the Madras Deccan from the 5th to 8th and in Sind between the 5th and 9th. The minimum was above normal in Rajputana from the 15th to 21st and was higher than usual in Central India East during

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the latter half of the month and in the east Central Provinces on the last ten days ; it was also above normal in Mysore and the Madras Deccan from the 26th to 31st and over most of northeast India during the last week. On the mean of the month maximum temperature was below normal in the United Provinces, the Punjab, the North-West Frontier Province, Baluchistan and Rajputana East and above it in Burma and Mysore ; the minimum was higher than usual in Lower Burma, the United Provinces East, Kashmir, Central India East, Mysore, Malabar, Madras Southeast and the Madras Deccan.

Summary of the local conditions.

Burma, including the Bay Islands.—The rainfall of the month was in slight excess in the Bay Islands, in large excess in Lower Burma, and in large defect in Upper Burma. Skies were less clouded than usual in the Bay Islands and more clouded in Lower Burma. Both maximum and minimum temperatures were above normal in Lower Burma, and the maximum alone in Upper Burma.

Northeast India, including Orissa.—The rainfall of the month was in very large excess in Chota Nagpur and Bihar, in slight excess in Bengal, and in large defect elsewhere. Skies were more clouded than usual in Bengal, Chota Nagpur and Bihar. Humidity was in excess in Chota Nagpur. Temperature remained normal in the division.

The United Provinces, Central India and the Central Provinces.—The total rainfall of the month was in moderate to large excess in the United Provinces, in slight defect in Central India East and in large defect elsewhere. Skies were more clouded than usual in the United Provinces, Central India and the Central Provinces East. Humidity was in excess throughout the division except in Berar. Maximum temperature was below normal in the United Provinces, and the minimum above it in Central India East and the east United Provinces.

Northwest India.—The rainfall of the month was in moderate excess in Kashmir, in slight defect in the Punjab and Baluchistan, and in large defect over the rest of northwest India. Skies were more clouded than usual in the Punjab Southwest, the North-West Frontier Province, Baluchistan and Rajputana West. Humidity was in excess in the division except in Sind and Gujarat. Maximum temperature was below normal everywhere except in Kashmir, Sind, Rajputana West and Gujarat ; the minimum was above normal in Kashmir.

The Peninsula.—The total rainfall of the month was in moderate excess in southeast Madras, in moderate defect in Malabar and in large defect elsewhere. Skies were more clouded than usual in the division except in the Konkan, Hyderabad North and the Madras Coast North. Maximum temperature was above normal in Mysore ; the minimum was higher than usual in Mysore, Malabar, southeast Madras and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports ; the divisional means, Tables I and II, are based on these observations.

SIMLA ;
The 8th February 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma	0·22	0·22	0	0	+2·5	+1·8	0	+0·5
Assam	0·33	0·78	—0·45	—58	+0·6	+0·2	+1	+0·8
Bengal	0·36	0·31	+0·05	+16	+0·7	+0·4	+1	+1·1
Bihar and Orissa	1·34	0·53	+0·81	+153	—0·2	+0·8	+2	+1·2
United Provinces	1·43	0·94	+0·49	+52	—3·2	+1·7	+9	+2·2
Punjab	0·90	1·16	—0·26	—22	—3·4	+0·6	+9	+1·3
North-West Frontier Province	0·49	1·03	—0·54	—52	—3·6	+1·3	+9	+1·3
Sind	0·07	0·33	—0·26	—79	—1·2	+1·8	—1	0
Rajputana	0·05	0·28	—0·23	—82	—2·2	+0·7	+7	+0·7
Bombay	0	0·09	—0·09	—100	—0·1	+0·6	0	—0·3
Central India	0·29	0·50	—0·21	—42	—1·4	+1·5	+13	+0·9
Central Provinces	0·08	0·48	—0·40	—83	+0·7	+1·5	+6	+0·4
Hyderabad	0	0·25	—0·25	—100	+1·3	+1·4	+2	+0·6
Mysore	0·09	0·22	—0·13	—59	+3·0	+2·7	+2	+0·7
Madras	0·75	0·73	+0·02	+3	+0·1	+1·7	0	+0·9
Mean of India	0·45	0·50	—0·05	—10	—0·3	+1·2	+4	+0·8

TABLE II, JANUARY 1928.

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands . . .	2·00	1·63	+0·37	+23	—1·5	+1·3	+1	—1·0
2. Lower Burma . . .	0·38	0·25	+0·13	+52	+2·8	+2·6	—1	+1·3
3. Upper Burma . . .	0	0·19	—0·19	—100	+2·1	+0·7	0	+0·4
4. Assam	0·33	0·78	—0·45	—58	+0·6	+0·2	+1	+0·8
5. Bengal	0·36	0·31	+0·05	+16	+0·7	+0·4	+1	+1·1
6. Orissa	0·07	0·41	—0·34	—83	+1·8	+0·4	—3	—0·3
7. Chota Nagpur . . .	2·04	0·72	+1·32	+183	—0·1	+1·2	+8	+1·5
8. Bihar	1·92	0·51	+1·41	+276	—1·5	+0·9	+3	+2·4
9. United Provinces, East .	0·93	0·72	+0·21	+29	—3·2	+2·3	+10	+2·3
10. Do. do. West .	1·85	1·14	+0·71	+62	—3·2	+1·1	+8	+2·1
11. Punjab, East and North .	1·14	1·52	—0·38	—25	—3·5	+0·4	+9	+0·7
12. Do. Southwest . .	0·47	0·53	—0·06	—11	—3·2	+1·0	+10	+2·3
13. Kashmir	3·75	2·90	+0·85	+29	+1·0	+5·3	+4	+1·3
14. North-West Frontier Province	0·49	1·03	—0·54	—52	—3·6	+1·3	+9	+1·3
15. Baluchistan . . .	1·10	1·23	—0·13	—11	—6·0	—0·1	+9	+1·7
16. Sind	0·07	0·33	—0·26	—79	—1·2	+1·8	—1	0
17. Rajputana, West . . .	0·01	0·24	—0·23	—96	—1·8	+0·5	+11	+1·3
18. Do. East . . .	0·06	0·30	—0·24	—80	—2·4	+0·9	+4	+0·4
19. Gujarat	0	0·07	—0·07	—100	—1·4	+0·1	+2	+0·1
20. Central India, West . .	0·01	0·25	—0·24	—96	—1·9	+0·4	+12	+0·5
21. Do. do. East . .	0·57	0·75	—0·18	—24	—0·9	+2·7	+13	+1·5
22. Berar	0	0·39	—0·39	—100	+0·7	+1·7	+3	+0·1
23. Central Provinces, West .	0·05	0·51	—0·46	—90	+0·4	+1·4	+8	+0·3
24. Do. do East .	0·18	0·47	—0·29	—62	+1·1	+1·6	+4	+0·7
25. Konkan	0	0·07	—0·07	—100	+1·4	+1·6	—4	+0·1
26. Bombay Deccan . . .	0	0·14	—0·14	—100	+0·7	+0·9	—1	+0·6
27. Hyderabad, North . .	0	0·30	—0·30	—100	+1·1	+1·7	+1	+0·1
28. Do. South . .	0	0·21	—0·21	—100	+1·5	+1·3	+2	+0·9
29. Mysore	0·09	0·22	—0·13	—59	+3·0	+2·7	+2	+0·7
30. Malabar	0·28	0·47	—0·19	—40	+0·7	+2·3	0	+1·6
31. Madras, Southeast . .	1·70	1·16	+0·54	+47	+0·5	+2·5	—3	+0·8
32. Do. Deccan . . .	0	0·24	—0·24	—100	—0·4	+2·6	—2	+0·8
33. Do. Coast, North . .	0	0·51	—0·51	—100	—0·5	0	+4	+0·4

STATION.	PRESSURE. 1 At 8 h., reduced to 32° and standard gravity.	PRESSURE. 2 Departure from normal.	WIND. 3 Mean direction at 8 h.	WIND. 4 Mean velocity in miles per hour.	TEMPERATURE. 5 Mean 8 h. Dry bulb.	6 Mean 8 h. Wet bulb.	7 Maximum. Mean.	8 Maximum. Departure from normal.	9 Maximum. Highest in month.	10 Minimum. Mean.	11 Minimum. Departure from normal.	12 Minimum. Lowest in month.	HUMIDITY. 13 Mean 8 h.	14 Departure from normal.	CLOUD. 15 Mean amount 8 h.	RAINFALL. 16 Total of the month.	17 Departure from normal.	18 Number of rainy days.	19 Departure from normal.	20 Heaviest fall in month.
BAY ISLANDS.																				
Port Blair	29·869	—·002	N. 28 E.	3·1	79·4	75·1	84·6	—1·5	87·4	76·9	+1·3	73·5	81	+1	3·0	2·00	+0·37	2	0	1·55
LOWER BURMA.																				
Victoria Point	29·774	—·018	N. 48 E.	5·6	78·5	74·5	88·8	+2·5	92·8	75·3	+2·6	72·9	82	+6	4·6	0·06	—0·23	0	—0·8	0·06
Mergui	29·870	—·006	..	..	75·6	73·7	90·3	+2·4	94·3	72·0	+4·2	66·6	91	+9	4·6	3·37	+2·47	4	+ 36	1·35
Tavoy	29·918	·019	Calm	0·8	75·0	72·4	94·1	+4·8	98·0	70·0	+5·1	62·6	88	+1	4·4	0·34	+0·14	1	+0·6	0·34
Amherst	29·879	..	N. 84 E.	4·0	75·6	70·8	89·9	..	93·1	72·0	..	68·5	78	..	3·2	0	—0·24	0	—0·3	0
Rangoon	29·941	—·011	N. 18 E.	0·6	71·8	66·8	93·6	+5·0	99·7	68·4	+3·5	63·7	76	—6	4·5	0	—0·21	0	—0·3	0
Bassein	29·940	—·008	N. 10 E.	1·9	72·3	68·3	89·7	+3·9	96·7	65·5	+2·6	59·6	81	—6	3·0	0	—0·12	0	—0·1	0
Diamond Island	29·901	—·021	N. 5 E.	6·0	76·5	71·6	84·5	+0·9	89·7	74·3	+2·8	71·2	78	+4	2·1	0	—0·18	0	—0·3	0
Toungoo	29·794	—·027	..	..	65·4	62·2	87·9	+3·5	95·0	59·8	+2·1	54·3	81	—8	1·6	0	—0·20	0	—0·3	0
Kyaukpyu	29·953	—·017	N. 54 E.	1·9	71·5	67·9	80·3	+1·4	86·3	64·5	+1·2	56·6	83	—2	5·6	0	—0·05	0	—0·3	0
Akyab	29·965	—·004	N. 17 E.	5·5	64·8	62·1	81·9	+1·1	94·0	59·0	—0·3	51·9	85	—3	2·2	0	—0·06	0	—0·1	0
UPPER BURMA.																				
Minbu	29·828	—·009	N. 45 W.	2·1	63·4	58·3	85·6	—0·5	94·5	56·1	—1·6	45·0	72	—2	2·1	0	—0·04	0	0·1	0
Yamethin	29·334	+·006	..	..	62·5	59·1	86·5	+1·3	94·2	55·4	—0·8	50·0	81	+1	1·4	0	—0·10	0	—0·2	0
Mandalay	29·752	+·003	N. 67 W	0·5	60·9	59·7	87·1	+2·6	95·8	57·5	+0·9	53·5	91	+9	1·3	0	—0·05	0	—0·1	0
Monywa	29·745	—·004	N. 18 W.	1·5	63·1	60·4	85·3	+3·0	94·8	57·1	—0·1	51·4	85	0	1·4	0	0	0	0	0
Lashio	27·180	+·010	N.	1·9	54·1	51·8	75·0	+1·3	80·6	47·7	+1·6	42·9	86	—6	1·6	0	—0·27	0	—0·6	0
Bhamo	29·635	—·001	N. 45 E.	0·5	55·7	55·3	78·6	+2·7	86·8	52·0	+3·2	45·8	97	+1	6·2	0.02	—0·47	0	—1·2	0·02
Myitkyina	29·541	—·011	N. 45 E.	0·8	55·9	54·4	78·7	+4·2	84·9	51·8	+1·8	46·0	90	0	2·9	0	—0·41	0	—1·1	0
ASSAM.																				
Dibrugarh	29·680	—·011	N. 45 E.	0·2	53·4	53·1	75·2	+1·9	77·9	49·4	—0·5	42·9	98	+2	6·0	0.59	—0·86	3	—0·4	0·22
Sibsagar	29·723	+·004	S. 18 W.	0·5	53·6	53·0	73·1	+3·1	78·2	50·3	+0·6	44·2	96	—2	9·5	0·08	—1·21	0	—3·6	0·05
Tezpur	29·809	+·017	N. 47 E.	0·8	54·7	53·7	74·8	+1·2	80·6	51·4	—1·0	45·4	94	+1	4·6	0·17	—0·36	1	—0·4	0·17
Gauhati	29·878	+·014	N. 27 E.	0·6	57·1	56·2	73·6	—1·0	81·2	51·3	+0·6	45·7	95	0	5·9	0·42	+0·11	1	+0·1	0·42
Dhubri	29·934	+·016	N. 74 E.	3·7	57·1	55·9	71·9	—1·9	77·9	53·2	+0·1	49·5	93	+3	4·3	0.52	+0·22	2	+1·3	0·37
Silchar	29·954	+·018	N. 45 E.	1·3	59·0	57·4	78·0	+0·1	84·8	54·0	+1·5	49·1	90	0	0·5	0.22	—0·59	2	+0·4	0·12
BENGAL.																				
Cox's Bazar	29·957	—·011	N.	1.3	64·8	62·1	80·3	+0·7	90·7	58·0	+1·5	52·0	85	—2	0·7	0	—0·06	0	—0·2	0
Chittagong	29·925	+·001	N. 47 E.	4·5	60·5	58·1	81·1	+2·7	90·4	56·1	+0·9	49·8	86	—2	2·4	0	—0·28	0	—0·5	0
Narayanganj	29·995	+·001	N. 4 W.	0·6	59·2	57·2	78·7	+1·1	87·7	54·6	—0·9	44·8	88	+2	2·4	0·23	—0·07	1	+0·1	0·19
Barisal	30·008	+·009	N. 45 W.	0·7	61·9	59·4	79·2	+1·6	89·7	56·7	+1·7	48·2	86	0	1·8	0	—0·41	0	—0·7	0
Jessore	30·017	+·017	N	1·7	61·0	59·2	79·4	+2·2	88·7	52·3	—0·9	41·6	89	+5	1·8	0·07	—0·29	0	—0·9	0·07
Calcutta	30·025	+·014	N. 33 E.	2·5	60·7	57·7	79·4	+1·9	88·5	57·8	+2·2	48·6	83	—2	2·5	0·17	—0·17	1	+0·3	0·17
Saugor Island	30·024	+·010	N. 29 E.	6·5	65·5	62·2	77·3	+0·3	84·4	58·9	+0·1	48·5	82	—8	3·5	0	—0·30	0	—0·9	0
Burdwan	29·948	+·013	N. 39 W.	1·6	58·9	55·6	79·2	+0·5	87·4	54·9	—0·1	46·0	80	+4	2·5	0.82	+0·46	2	+1·2	0·41
Berhampore	29·992	+·024	N. 11 W.	1·5	59·5	56·7	78·5	+2·1	86·6	52·9	—0·8	40·2	84	—2	4·5	0·60	+0·25	4	+3·1	0.23
Mymensingh	29·965	+·002	N. 45 W.	0·7	57·0	55·9	75·2	—0·6	82·9	53·7	0	46·9	93	+4	5·1	0·19	—0·14	1	+0·1	0·17
Bogra	29·982	+·027	N. 16 W.	0·7	57·4	55·9	75·3	—0·4	79·1	53·2	+0·9	43·8	91	+6	3·4	0·71	+0·33	3	+2·1	0·33
Dinajpur	29·924	+·023	N. 27 W.	1·6	54·4	53·1	73·0	—2·5	78·7	51·1	+1·7	42·1	92	+3	4·5	1·58	+1·26	3	+2·2	1·00
Jalpaiguri	29·751	0	N. 45 E.	0·4	53·7	52·7	73·2	—0·4	78·0	50·3	—0·9	44·9	94	+3	5·4	0·25	—0·05	2	+1·3	0·15
ORISSA.																				
Balasore	29·991	+·028	N. 45 W.	2·3	65·9	59·9	(b) 81·5	+0·6	92·0	58·1	+2·0	48·3	68	—12	2·5	0·26	—0·25	1	0	0·21
Hukitala (False Point) ..	30·007	+·010	N. 11 W	4·3	..	..	..	..	..	..	..	..	..	..	1·7	0	—0·44	0	—0·7	0
Cuttack	29·962	+·013	Calm	0·4	63·2	61·0	85·4	+2·1	95·5	59·2	—0·9	52·1	87	+6	2·9	0·01	—0·26	0	—0·6	0·01
Sambalpur	29·539	—·001	N. 54 E.	1·2	67·1	61·6	84·3	+2·6	93·8	55·1	0	43·8	72	—2	0·8	0·03	—0·38	0	—0·8	0·03
CHOTA NAGPUR.																				
Chaibasa	29·276	+·005	S. 36 W.	1·7	59·4	57·3	80·1	+1·0	89·2	53·9	+1·9	44·4	88	+6	2·5	0·97	+0·33	4	+2·7	0·46
Ranchi	27·862	+·029	N. 67 W.	2·5	56·4	52·3	72·5	—1·3	80·8	52·0	+0·5	42·5	75	+10	4·7	2·83	+2·04	4	+2·5	1·80
Hazaribagh (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·33	+1·61	4	+2·4	1·63

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.	CLOUD.		RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
BIHAR.																				
Purnea	29·936	+·022	W.	0·9	54·6	53·2	72·7	−1·8	80·1	48·2	+0·1	38·8	91	0	4·9	1·34	+0·95	3	+2·3	0·64
Darbhanga	29·881	+·012	W.	0·5	54·8	53·3	70·7	−2·4	78·0	48·1	−2·6	37·9	89	+2	5·0	0·99	+0·53	4	+3·0	0·32
Patna	29·883	+·030	S. 87 W.	2·8	56·0	53·5	71·6	−1·1	79·8	52·4	+1·5	38·4	84	+7	4·3	1·91	+1·38	4	+2·9	1·12
Gaya	29·675	+·012	S. 2 E.	1·3	59·5	55·9	74·1	−1·4	83·7	54·0	+2·4	42·0	78	+4	3·6	3·06	+2·43	4	+2·7	1·40
Naya Dumka	29·550	+·020	N. 40 W.	2·1	60·3	55·9	75·1	−0·7	82·6	54·1	+3·0	42·8	74	0	3·6	2·31	+1·78	3	+1·9	0·94
UNITED PROVINCES, EAST.																				
Gorakhpur	29·805	+·040	W.	2·1	54·3	52·7	71·0	−1·8	78·2	49·5	+0·8	40·9	90	+7	2·4	0·09	−0·58	0	−1·3	0·05
Benares	29·800	+·013	S. 14 W.	1·5	55·3	53·7	71·7	−2·6	80·1	50·7	+2·8	40·0	90	+7	5·1	1·68	+1·01	2	+0·5	1·04
Allahabad	29·738	+·010	S. 56 W.	3·5	54·7	53·1	72·6	−1·8	81·3	50·5	+2·5	40·6	89	+11	6·2	0·89	+0·04	3	+1·4	0·34
Cawnpore	29·626	+·013	N. 77 W.	1·6	(b) 54·4	53·0	70·2	−3·6	78·0	50·4	+3·2	43·3	(b) 90	+11	3·9	0·58	+0·07	1	−0·5	0·50
Lucknow	29·668	+·005	N. 12 W.	0·8	52·2	51·3	69·2	−4·5	78·6	49·8	+2·3	41·8	94	+15	5·1	1·18	+0·41	3	+1·5	0·50
Bahraich	29·622	+·014	N. 13 W.	1·4	52·5	51·3	67·8	−4·7	76·9	49·6	+2·2	43·0	92	+7	4·0	1·25	+0·33	3	+1·1	0·47
UNITED PROVINCES, WEST.																				
Jhansi	29·211	+·004	N. 17 E.	2·7	56·7	52·3	73·4	−2·7	79·9	50·9	0	40·9	74	+9	2·8	0·14	−0·45	1	−0·3	0·14
Agra	29·484	0	N. 52 W.	3·5	50·8	48·3	70·0	−4·2	78·0	45·9	+2·1	37·2	83	+4	4·5	0·25	−0·29	1	−0·3	0·24
Mainpuri	29·535	+·026	N. 44 W.	1·9	52·0	49·8	70·0	−2·4	79·0	46·2	−0·2	38·6	85	+8	5·0	0·69	+0·06	1	−0·5	0·48
Bareilly	29·479	+·039	N. 56 E.	0·7	51·6	50·6	68·7	−1·6	76·4	47·7	+1·5	39·5	93	+11	5·6	1·00	−0·01	3	+0·8	0·35
Meerut (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·86	+0·58	6	+3·6	0·66
Roorkee	29·110	+·011	N. 27 W.	2·2	48·2	47·6	63·9	−4·9	71·2	45·8	+1·9	40·6	95	+9	5·7	3·42	+1·76	5	+2·1	1·48
Dehra Dun (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·60	+3·33	8	+4·2	1·38
PUNJAB, EAST AND NORTH.																				
Delhi	29·313	+·013	N. 47 W.	2·1	52·4	49·3	65·5	−4·5	71·5	50·0	+2·1	45·5	79	+10	5·4	1·04	0	2	−0·1	0·48
Hissar	29·317	+·009	N. 23 W.	2·5	47·1	45·4	66·7	−3·7	74·2	43·4	+0·7	36·4	88	+13	2·6	0·58	−0·13	1	−0·7	0·45
Ambala	29·125	+·018	N. 13 W.	2·7	48·1	46·8	65·0	−3·7	73·1	44·5	+1·2	41·0	90	+5	4·9	2·76	+1·27	5	+1·9	1·20
Ludhiana	29·221	+·023	N. 71 W.	1·7	47·4	45·7	64·4	−2·4	72·1	42·7	−1·7	38·2	88	+6	4·5	0·71	−1·01	1	−1·9	0·53
Lahore	29·344	+·025	N. 11 W.	0·9	45·7	44·6	63·7	−4·8	71·5	42·9	+1·4	38·0	91	+6	4·3	0·25	−0·80	0	−2·1	0·08
Sialkot	29·225	+·039	N. 14 W.	1·4	44·8	44·1	62·9	−3·1	71·8	41·3	−1·4	33·5	94	+11	3·1	0·41	−1·70	3	0	0·14
Rawalpindi	28·354	+·028	N. 4 E.	2·4	42·6	41·4	60·1	−2·6	70·9	38·9	+0·8	32·3	91	+9	4·4	2·26	−0·23	5	+1·3	0·76
PUNJAB, SOUTHWEST.																				
Khushab	29·488	+·055	N. 64 E.	2·1	46·7	44·0	65·6	−2·5	74·0	40·3	−1·2	34·2	79	+11	5·4	0·47	−0·30	2	+0·4	0·37
Lyallpur	29·455	−·005	W.	1·1	45·2	43·1	64·8	−4·0	73·7	41·7	+2·3	34·5	84	0	6·9	0·68	+0·30	2	+1·3	0·35
Montgomery	29·510	+·029	N.	1·9	47·2	45·8	64·8	−4·0	72·5	43·3	+1·3	37·2	89	+17	4·7	0·57	+0·01	2	+0·4	0·35
Multan	29·658	+·027	N. 26 E.	0·9	49·0	46·7	67·5	−2·4	75·6	45·5	+1·5	40·5	84	+13	5·4	0·15	−0·27	1	−0·2	0·15
Khanpur	29·782	..	N. 21 E.	0·6	(e) 50·8	(e) 47·3	(e) 72·6	..	79·0	(e) 36·1	..	30·1	(e) 76		4·3	0·15	..	1	..	0·15
KASHMIR.																				
Srinagar	24·952	−·023	N. 24 W.	1·6	33·4	(g) 34·9	43·5	+2·8	52·1	31·0	+3·9	21·9	(g) 89	+1	8·7	1·84	−0·92	6	+0·1	0·70
Sonamarg (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	15·85	+5·53	16	+4·8	3·85
Dras	20·735	−·040	S. 45 E.	0·4	7·3	..	21·1	+3·1	34·7	−2·5	+8·9	−27·3	..	..	7·9	3·67	+0·88	14	+5·5	0·70
Leh	19·594	−·045	Calm	0·7	15·8	..	31·8	+1·5	40·3	12·2	+4·0	5·4	..	..	7·5	0·35	−0·01	1	0	0·15
Skardu	22·884	−0·72	Calm	0·3	26·5	..	37·3	−3·5	47·6	23·4	+7·5	18·1	..	..	8·4	0·70	−0·22	3	+0·4	0·16
Gilgit	25·100	−·178	S. 45 W.	1·1	37·5	(g) 34·2	47·7	+1·3	54·4	34·3	+2·3	29·0	(g) 73	+7	7·8	0·11	−0·14	0	−0·8	0·04
NORTH WEST FRONTIER PROVINCE.																				
Peshawar	28·972	+·032	S.	0·1	43·9	42·2	60·0	−3·2	67·8	40·5	+1·1	33·0	86	+13	5·9	0·42	−1·14	2	−1·0	0·17
Dera Ismail Khan	29·511	+·035	N. 19 W.	0·7	46·6	43·6	64·6	−4·0	74·6	42·0	+1·5	35·2	78	+6	4·2	0·57	+0·08	1	−0·4	0·40
BALUCHISTAN.																				
Fort Sandeman	25·454	−·028	W.	1·3	(i) 38·1	(n) 36·3	51·0	−9·5	58·9	32·5	+1·2	20·1	(o) 75	+8	5·0	1·48	+0·95	3	+1·0	0·78
Harnai (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·96	+0·42	2	+0·3	0·65
Quetta	24·678	+·016	S. 75 W.	1·5	30·2	(s) 36·8	47·5	−3·7	58·7	25·5	−3·0	9·1	(s) 89	+7	4·8	1·46	−0·47	4	−0·7	0·49
Chaman	25·708	−·037	S. 24 E.	3·8	36·8	(k) 38·4	48·3	−5·5	61·2	34·6	−0·4	19·4	(k) 73	+3	6·1	1·49	−0·08	5	+0·9	0·48
Kalat	23·726	−·044	S. 22 W.	3·9	28·7	(u) 36·2	45·9	−4·9	56·6	25·6	+2·8	6·7	(u) 92	+19	3·7	0·87	−0·34	2	−1·5	0·44
Dalbandin	27·215	−·012	N. 63 E.	3·0	37·4	(h) 39·0	58·1	−6·6	69·1	34·3	−1·2	12.1	(h) 82	+10	6·3	0·36	−0·52	2	+0·2	0·15
Mirjawa	27·289	..	S. 52 W.	10·4	36·7	(o) 35·6	57·2	..	69·4	35·4	..	17·4	(o) 53	..	5·1	0·21	..	1	..	0·21
Panjgur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pasni	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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. Dry bulb.	MEAN 8 h. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month.	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month.	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.
SIND.																				
Jacobabad	29·930	+·047	N. 70 E.	2·2	51·6	(b) 47·1	71·7	—1·5	80·2	46·2	+2·5	35·3	(b) 66	0	3·0	0·08	—0·18	0	—0·7	0·04
Hyderabad	30·003	+·034	N. 20 W.	2·8	56·9	50·1	75·5	—0·7	82·1	52·9	+2·1	43·1	60	—1	1·9	0	—0·20	0	—0·6	0
Karachi	30·065	+·009	N. 23 E.	5·7	61·7	54·2	74·8	—1·3	80·1	59·0	+0·9	50·2	58	—3	3·0	0·14	—0·38	1	—0·1	0·13
RAJPUTANA, WEST.																				
Bikaner	29·276	+·020	S. 86 E.	4·1	51·1	46·7	69·6	—2·4	77·4	47·3	—0·7	41·2	70	+14	4·5	0·01	—0·38	0	—1·0	0·01
Jodhpur	29·243	0	N. 43 E.	2·2	56·2	48·8	75·7	—1·2	82·6	52·2	+1·7	44·3	55	+9	4·0	0·02	—0·12	0	—0·4	0·02
RAJPUTANA, EAST.																				
Jaipur	28·599	+·023	N. 76 E.	2·8	54·9	48·6	71·5	—3·0	76·6	50·3	+2·1	42·1	63	+3	3·2	0·25	—0·22	1	—0·1	0·25
Ajmer	28·420	+·023	S. 52 E.	1·9	51·3	46·8	72·2	—1·1	78·2	46·1	+0·1	36·6	71	0	2·1	0	—0·36	0	—1·1	0
Kotah	29·168	—·020	N. 45 W.	1·1	57·9	52·1	74·2	—3·1	79·8	52·3	+0·5	45·6	67	+9	3·2	0	—0·27	0	—0·6	0
Udaipur (a)	..	.	..	..	..	..	..	..	..	..	..	..	..	..	..	0	—0·11	0	—0·2	0
GUJARAT.																				
Deesa	29·554	+·009	N. 56 E.	6·5	59·6	51·2	82·2	—1·3	88·0	50·4	—1·0	41·9	52	+4	2·1	0	—0·11	0	—0·3	0
Bhuj	29·699	+·009	N. 4 E.	3·0	60·5	54·3	77·6	—2·1	83·2	50·5	—3·3	40·1	65	+5	0·6	0	—0·08	0	—0·2	0
Dwarka	30·010	+·007	N. 24 E.	7·0	65·9	59·2	77·5	—0·8	82·2	60·4	+0·4	51·8	64	—6	1·9	0	—0·08	0	—0·2	0
Rajkot	29·578	+·005	N. 31 E.	4·2	59·4	52·2	81·8	—1·8	86·8	52·6	+1·5	45·0	58	+6	2·5	0	—0·04	0	—0·2	0
Veraval	30·012	+·025	N. 55 E.	5·8	65·8	56·7	82·3	+0·7	89·8	62·5	+2·7	54·5	53	—1	1·6	0·01	—0·02	0	—0·1	0·01
Surat	29·978	+·014	N. 35 E.	1·9	64·2	57·7	83·9	—2·8	87·7	59·1	+1·6	53·4	66	+2	2·2	0	—0·14	0	—0·2	0
Ahmadabad	29·862	+·001	N. 41 E.	5·7	63·2	54·3	82·8	—2·0	87·2	56·4	—1·3	49·2	52	+5	1·0	0	—0·02	0	—0·1	0
CENTRAL INDIA, WEST.																				
Neemuch	28·360	—·015	N. 45 E.	2·7	56·4	51·7	75·2	—2·3	81·3	50·0	+1·2	41·6	72	+15	1·7	0	—0·21	0	—0·4	0
Indore	28·147	—·016	S. 43 E.	2·0	59·3	53·7	78·0	—1·6	82·9	49·7	—0·4	40·2	69	+9	3·0	0·02	—0·26	0	—0·5	0·02
CENTRAL INDIA, EAST.																				
Nowgong	29·288	+·023	N. 15 W.	1·2	52·6	51·7	74·5	+0·2	84·3	49·7	+2·6	39·5	97	+21	4·1	0·68	+0·05	1	—0·5	0·68
Sutna	28·971	+·009	S. 16 W.	1·7	57·1	53·3	72·9	—1·9	81·9	50·8	+2·7	37·4	78	+6	3·9	0·46	—0·42	1	—0·8	0·24
BERAR.																				
Akola	29·059	—·009	E.	2·2	63·8	55·5	87·0	+1·2	93·2	56·6	+2·4	45·9	57	+4	1·9	0	—0·35	0	—0·7	0
Amraoti	28·767	—·004	N. 83 E.	4·7	67·1	57·8	85·1	+0·3	90·3	59·5	+0·9	52·3	54	+3	2·0	0	—0·43	0	—0·7	0
CENTRAL PROVINCES, WEST.																				
Khandwa	28·934	—·014	N. 19 E.	3·5	61·0	54·8	85·6	+1·1	92·2	52·8	+0·3	43·2	65	+9	0·9	0	—0·32	0	—0·5	0
Hoshangabad	29·013	+·008	N. 47 E.	1·9	60·5	55·2	81·3	+1·3	87·1	53·6	+1·5	43·4	70	+4	2·5	0	—0·36	0	—0·9	0
Saugor	28·171	—·010	S. 82 E.	3·3	57·9	53·2	75·0	—1·9	82·4	52·5	+0·1	43·4	74	+20	4·2	0·20	—0·39	1	—0·2	0·20
Jubbulpore	28·647	—·013	S. 73 E.	1·4	56·1	53·5	77·6	+0·1	87·9	51·6	+3·0	39·5	84	+10	3·2	0·04	—0·36	0	—1·5	0·04
Seoni	27·944	—·009	N. 54 E.	2·2	61·7	55·6	78·6	—0·3	86·0	53·3	+1·8	42·5	68	+5	1·6	0	—0·58	0	—1·2	0
Nagpur	28·989	+·013	N. 51 E.	3·4	64·4	56·6	85·4	+1·9	91·5	57·2	+1·6	48·0	59	—1	1·0	0·04	—0·38	0	—0·8	0·04
CENTRAL PROVINCES, EAST.																				
Pendra	27·942	—·012	N. 80 E.	2·7	59·0	54·8	76·8	+0·7	85·5	53·4	+2·1	43·0	76	+12	4·0	0·72	—0·13	3	+1·4	0·38
Raipur	29·017	—·008	N. 61 E.	(b) 1·4	64·0	57·8	83·0	+1·6	90·8	57·3	+1·8	46·9	66	+1	3·1	0	—0·29	0	—0·7	0
Kanker	28·679	..	S. 33 E.	1·7	64·4	58·8	84·0	..	92·1	53·9	..	43·1	71	..	1·5	0	..	0	..	0
Chanda	29·358	—·008	N. 73 E.	2·7	66·4	60·5	86·0	+0·6	92·9	57·0	+2·1	44·6	70	0	1·1	0	—0·25	0	—0·4	0
Jagdalpur	28·176	—·004	N.	1·5	60·0	57·2	82·6	+1·6	90·3	52·6	+0·5	46·3	84	+2	2·5	0	—0·47	0	—0·8	0
KONKAN.																				
Bombay	29·944	—·001	N. 44 E.	6·7	71·0	65·3	83·6	+0·8	87·3	69·4	+1·2	65·0	72	—1	1·4	0	—0·10	0	—0·2	0
Ratnagiri	29·744	—·008	N. 83 E.	6·6	75·5	63·9	87·6	+0·4	93·8	69·0	+2·3	64·1	51	—10	1·2	0	—0·10	0	—0·2	0
Marmagao	29·900	+·002	N. 56 E.	1·3	..	..	..	..	..	..	..	..	..	..	2·5	0	—0·02	0	0	0
Karwar	29·906	—·007	N. 25 E.	2·4	69·7	65·6	89·5	+2·9	94·7	67·0	+1·2	62·7	79	—2	0·5	0	—0·05	0	—0·1	0
BOMBAY DECCAN.																				
Malegaon (b)	28·553	+·002	S. 75 W.	(c) 3·3	61·4	52·8	86·0	0	91·5	51·9	—0·4	45·0	54	+2	3·0	0	—0·16	0	—0·3	0
Ahmadnagar	27·829	—·002	S. 74 W.	3·2	63·7	53·9	83·3	—1·0	90·4	52·9	+0·1	44·8	51	—4	2·6	0	—0·26	0	—0·4	0
Poona	28·130	+·002	N. 67 E.	1·4	61·6	55·9	86·8	+0·7	91·5	54·8	+0·6	47·6	69	+8	1·7	0	—0·06	0	—0·2	0
Sholapur	28·401	+·001	S. 59 E.	4·3	69·3	58·0	87·7	+1·7	94·5	..	..	..	48	0	1·2	0	—0·15	0	—0·3	0
Bijapur	28·081	+·012	S. 52 E.	2·8	69·6	59·0	86·3	+0·3	93·8	61·8	+1·7	53·2	51	—11	2·4	0	—0·08	0	—0·1	0
Belgaum	27·416	+·010	N. 74 E.	2·2	66·8	57·8	86·0	+2·5	91·5	60·1	+2·3	53·8	56	—4	1·5	0	—0·13	0	—0·2	0
HYDERABAD, NORTH.																				
Aurangabad	28·082	—·011	N. 80 E.	4·5	65·1	54·4	84·8	+0·1	89·2	56·9	+0·9	47·3	48	0	2·4	0	—0·33	0	—0·5	0
Parbhani (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0	—0·42	0	—0·6	0
Nizamabad	28·720	—·003	N. 39 E.	1·2	65·9	59·0	88·0	+2·2	96·2	59·2	+2·5	48·2	65	+1	1·1	0	—0·14	0	—0·4	0

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days.

TABLE III, JANUARY 1928.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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. Dry bulb.	MEAN 8 h. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month	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.
HYDERABAD, SOUTH.																				
Gulbarga	28·490	+·018	N. 83 E.	5·0	69·8	61·2	88·6	+1·4	95·0	60·9	+1·1	54·8	58	0	2·4	0	—0·20	0	—0·3	0
Raichur (b)	28·672	+·016	S. 32 E.	5·3	72·5	64·7	87·9	+1·2	94·8	65·3	+0·8	58·8	64	0	1·5	0	—0·10	0	—0·2	0
Hyderabad	28·274	+·016	S. 61 E.	2·6	67·1	61·7	86·3	+2·1	94·3	61·4	+1·5	56·6	73	0	3·8	0	—0·24	0	—0·4	0
Hanamkonda	29·113	—·001	S. 32 E.	4·4	69·5	65·3	86·3	+1·1	94·0	64·4	+1·7	58·4	79	+9	4·8	0	—0·32	0	—0·5	0
MYSORE																				
Chitaldrug	27·573	+·017	S. 80 E.	1·4	70·4	63·5	86·8	+2·4	92·5	64·2	+2·2	57·1	67	+5	3·4	0	—0·27	0	—0·3	0
Bangalore	26·983	+·016	N. 89 E.	5·9	65·5	61·6	84·3	+3·5	89·6	59·9	+2·4	55·2	80	+1	3·6	0	—0·26	0	—0·5	0
Mysore	27·455	—·001	N. 49 E.	3·5	69·4	63·0	87·0	+3·0	91·1	63·8	+3·6	58·9	71	—1	3·9	0·28	+0·15	1	+0·7	0·28
MALABAR.																				
Mangalore	29·864	—·005	N. 87 E.	4·5	77·6	70·9	89·8	+0·6	92·9	72·2	+2·3	68·4	70	+4	2·6	0	—0·06	0	—0·1	0
Calicut	29·906	—·002	S. 84 E.	3·8	78·0	71·6	90·8	+3·6	92·7	72·3	+1·8	68·8	72	—7	4·4	0·06	—0·34	0	—0·5	0·06
Cochin	29·923	+·004	N. 73 E.	4·1	78·9	72·5	87·5	—1·9	92·4	74·7	+2·8	70·6	72	0	3·6	0·10	—0·59	1	+0·1	0·10
Trivandrum	29·701	—·012	N. 56 E.	3·0	76·8	72·7	84·5	+0·5	87·1	74·4	+2·1	70·0	81	+4	4·7	0·97	—0·23	2	+0·5	0·76
MADRAS, SOUTHEAST.																				
Tinnevelly (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·68	—0·82	2	—0·3	0·37
Pamban	29·906	—·009	N.	10·2	78·1	74·5	82·7	0	84·3	75·8	+1·5	74·9	83	2	4·3	2·77	+0·64	5	+1·8	1·98
Madura	29·511	+·011	N. 24 E.	4·7	76·1	70·2	88·6	+1·2	92·9	72·9	+3·8	68·9	73	—5	5·8	0·03	—0·57	0	—1·2	0·03
Negapatam	29·937	+·008	N. 6 W.	10·3	75·1	71·6	82·9	+0·4	85·5	72·7	+1·3	69·5	83	+2	6·1	7·15	+5·47	5	+2·6	3·54
Trichinopoly (b)	29·725	+·005	N. 26 E.	(l) 4·0	77·5	71·1	88·5	+1·0	93·6	69·7	+2·0	64·1	72	—6	4·1	0·89	+0·21	4	+2·8	0·30
Coimbatore	28·616	—·005	N. 61 E.	2·8	72·2	68·0	86·3	—0·1	90·3	67·3	+3·0	61·3	80	—2	3·8	0·02	—0·57	0	—1·0	0·02
Salem	29·063	+·013	N. 45 E.	5·8	74·6	68·0	89·6	+1·3	94·7	68·5	+4·0	61·2	70	—7	3·1	0	—0·38	0	—0·5	0
Cuddalore	29·947	+·009	N. 18 W.	5·9	74·3	71·2	82·7	—0·4	85·3	70·0	+1·7	66·6	85	—2	4·9	2·58	+1·02	4	+2·1	0·91
Madras	29·967	0	N. 9 W.	6·8	75·2	71·4	84·9	+0·4	88·2	70·1	+2·3	66·0	82	—2	4·4	1·14	—0·25	1	—0·7	1·13
MADRAS DECCAN.																				
Cuddapah	29·576	+·020	S. 66 E.	..	76·0	69·4	87·6	—0·8	94·1	67·9	+2·7	60·9	71	—4	3·2	0	—0·43	0	—0·6	0
Bellary	28·490	+·001	S. 48 E.	1·9	71·1	63·1	87·6	—0·5	94·0	64·1	+2·3	58·8	62	—3	2·3	0	—0·11	0	—0·2	0
Kurnool	29·059	+·009	N. 83 E.	3·4	69·3	63·4	88·4	+0·1	94·6	63·3	+2·8	55·8	71	0	3·0	0	—0·18	0	—0·4	0
MADRAS COAST, NORTH.																				
Nellore	29·951	+·024	N. 52 W.	3·3	72·3	69·8	86·3	+1·0	90·3	69·0	+1·9	64·9	88	+1	4·1	0	—1·68	0	—1·5	0
Masulipatam	30·010	+·005	N. 13 E.	3·9	72·2	68·7	81·8	—1·6	86·3	66·9	+1·1	64·0	82	—3	2·5	0	—0·23	0	—0·4	0
Cocanada	29·980	—·011	N. 27 E.	4·0	71·3	67·4	80·8	—0·5	86·5	65·3	—0·8	62·1	81	+4	4·2	0	—0·19	0	—0·4	0
Vizagapatam	29·987	+·011	N. 37 W.	4·3	70·0	66·0	79·7	—1·1	82·2	65·8	—2·1	61·9	80	+8	3·8	0	—0·46	0	—0·5	0
Calingapatam	30·011	0	N. 54 W.	4·4	67·5	65·7	81·0	—1·2	89·7	63·5	+0·7	58·0	89	+6	1·6	0	—0·26	0	—0·8	0
Gopalpur	29·979	+·014	N. 2 W.	4·8	67·4	65·1	80·8	+0·5	85·1	61·7	—0·6	52·6	86	+7	2·1	0	—0·23	0	—0·5	0
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.																				
Maymyo	26·471	+·002	W.	0·9	50·8	50·6	73·8	+3·5	79·6	42·0	+1·9	37·0	99	+8	2·9	0	—0·09	0	—0·4	0
Shillong	25·155	—·005	S. 18 W.	1·6	46·4	43·4	61·0	+0·4	68·9	39·8	+0·6	33·5	80	+7	0·7	0·67	+0·34	3	+2·2	0·45
Cherrapunji	25·736	+·016	N. 36 E.	3·7	53·8	48·4	61·1	+0·8	67·0	47·6	+1·7	42·3	68	—4	3·4	0·26	—0·19	2	+0·9	0·15
Darjiling	22·966	+·034	N. 45 W.	1·4	44·1	38·3	49·1	+1·8	60·2	37·2	+2·1	34·1	61	—20	3·8	0·28	—0·32	1	—0·3	0·23
Mukteswar	22·843	+·022	S. 89 E.	..	40·2	(n) 34·2	48·2	—2·5	59·1	36·1	+0·4	29·2	(n) 43	—10	6·3	3·92	+1·74	8	+4·3	1·35
Mussooree (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	7·14	+4·80	9	+5·4	1·60
Chakrata	23·407	+·055	N. 74 E.	6·2	41·5	(e) 35·5	49·8	—1·3	61·4	36·2	+0·2	27·4	(e) 51	—6	6·2	5·03	+0·68	8	+2·8	1·35
Simla	23·090	+·013	S. 17 E.	4·0	38·7	(q) 34·5	44·7	—1·7	53·3	36·4	+0·5	25·6	(q) 43	—9	5·6	5·06	+2·35	9	+4·3	1·49
Dharampore (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·99	..	3	..	1·40
Dalhousie (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10·45	..	10	..	2·90
Murree	23·956	—·010	S. 38 E.	6·1	37·9	(l) 34·8	42·4	—4·1	54·0	34·1	—0·8	24·2	(l) 51	—9	5·7	3·39	—0·34	9	+3·3	0·84
Cherat	25·790	+·032	N. 13 W.	8·6	40·3	(e) 36·5	46·5	—3·4	54·3	38·1	—0·8	28·0	(e) 62	+8	5·5	2·28	—0·23	4	+0·1	1·41
Parachinar	24·469	—·003	N. 24 W.	0·3	32·5	(l) 35·2	47·2	—3·3	58·3	28·1	—1·0	12·9	(l) 84	+11	4·9	1·87	—0·25	6	+1·5	0·62
Drosh	25·129*	—·121	E.	2·2	34·3	(n) 34·3	43·5	—4·3	48·5	32·7	+1·0	27·4	(n) 86	+13	7·5	1·20	+0·29	3	+0·2	0·36
Mount Abu	26·088	+·001	N. 59 E.	2·8	55·9	47·7	64·1	—1·9	68·9	50·0	—1·3	41·4	54	+11	2·5	0	—0·26	0	—0·7	0
Pachmarhi	26·513	+·004	S. 56 W.	1·9	58·7	53·3	72·1	+0·3	77·4	47·9	+0·3	35·5	71	+8	4·8	0·35	—0·31	1	—0·3	0·35
Mercara	26·223	—·002	N. 66 E.	5·1	64·0	60·4	78·7	+1·4	84·6	59·0	+2·3	54·4	81	+2	5·2	0	—0·15	0	—0·3	0
Kodaikanal	22·824	+·022	N. 82 E.	7·9	55·1	48·9	63·2	—0·5	68·3	48·1	+1·2	42·9	67	+11	3·7	3·41	+0·53	4	+0·1	1·87
CEYLON.																				
Colombo	29·884	—·002	N. 30 E.	3·1	72·9	71·3	86·3	—0·9	89·5	72·4	+0·6	66·8	92	+9	6·9	6·56	+3·14	10	+5·3	1·88

(*) Aneroid. (a) Reports only rainfall. (b) Mean of 30 days. (e) Mean of 27 days. (n) Mean of 18 days. (l) Mean of 20 days. (q) Mean of 15 days. (t) Mean of 12 days.

MONTHLY WEATHER REPORT

FOR

February 1928.

Supplement to the Indian Daily Weather Report for the 16th March 1928.

Published by order of the Governor-General in Council.

Summary.—The western disturbances of the month caused a slight excess of rain in northwest India, but failed to give the usual amount in northeast India. The noticeable feature of the month was the very large excess of rain in the central parts of the country and the Peninsula.

Six western disturbances affected northwest India of which the first caused local rain along the western Himalayas on the 1st; this induced disturbed weather over the central parts of the country where a low pressure area appeared on the morning of the 1st, persisted over Central India for two days and became unimportant by the 4th after causing between the 2nd and 4th extensive rain from the Himalayas to the extreme south of the Peninsula: Roorkee had 4″ on the 3rd and Nellore 5″ on the 4th. The second disturbance gave local rain or snow in the North-West Frontier Province and along the western Himalayas on the 6th and 7th: the third became marked as a low pressure area over the Punjab on the 12th morning and persisted there till the 14th; associated with it a secondary low pressure area appeared over the west Central Provinces on the 13th which moved eastwards and became unimportant on the morning of the 15th; nearly general rain fell along the frontier from Baluchistan to Kashmir and extended along the Himalayas into the plains of the Punjab and the United Provinces during the 12th and 13th and into Bihar and north Bengal on the 14th. The fourth western disturbance gave local rain in Kashmir on the 19th, then persisted over the central parts of the country for the next three days and disappeared by the morning of the 23rd after giving nearly general rain in the east Central Provinces on the 22nd; the fifth disturbance was feeble and the sixth began to affect the frontier on the 29th.

2. Rainfall was in slight defect in the east Central Provinces and in moderately to large defect in northeast India; it was also in large defect in the Punjab Southwest, Sind, Rajputana West and Gujarat, but over the rest of northwest India it was in moderate to large excess. Everywhere else it was in very large excess. Averaged over the plains of India the rainfall of the month was 91 per cent. in excess.

3. Temperature was below normal in Baluchistan and Sind from the 1st to 4th, the region of low temperature extending through Gujarat to Hyderabad between the 3rd and 5th; it was high over northeast India on the 4th and 5th. There was a marked rise in temperature along the frontier on the 9th and over Rajputana and the central parts of the country on the 11th and 12th; it was higher than usual in Baluchistan on the 17th and by the 20th it had risen above normal over the whole of northwest India; it was markedly high along the frontier during the last week being about fifteen degrees above normal on the hills and was higher than usual in northwest India on the 28th and 29th. Maximum temperature was above normal in Upper Burma and Assam during the first week and in Assam alone from the 24th to 29th. During the first three days the maximum was markedly low over most of northwest India, but it remained considerably higher than usual in that division excepting Kashmir from the 18th to 29th. Maximum temperature was below normal in the central parts of the country, the Deccan and in Mysore between the 3rd and 5th. Minimum temperature was high in Burma between the 4th and 8th and in Orissa, Chota Nagpur and the east United Provinces and Kashmir for the first five days; it was above normal in the Punjab between the 10th and 14th, markedly above normal in Baluchistan from the 18th to 20th and higher than usual in Baluchistan and Sind from the 25th to 29th. The minimum was also high in the central parts of the country during the first three days and in Berar from the 11th to 14th; it was above normal in Mysore and southeast Madras between the 1st and 9th and in the Madras Coast North from the 7th to 10th. Minimum temperature was low in Baluchistan, Sind, Gujarat and west Rajputana for about the first five days and in Kashmir from the 24th to 26th; it was below normal in the west Central Provinces and Central India West between the 15th and 18th, in the Bombay Deccan from the 4th to 6th and in Hyderabad North from the 26th to 28th. On the

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mean of the month maximum temperature was below normal in the Madras Deccan, and above it in Assam, Bengal, the Punjab Southwest, Baluchistan and Rajputana West; the minimum was higher than usual in Upper Burma, Bihar, the United Provinces, the Punjab and Mysore.

Summary of the local conditions.

Burma, including the Bay Islands.—Rainfall was in very large excess. Skies were more clouded in Lower Burma. Minimum temperature was above normal in Upper Burma.

Northeast India, including Orissa.—Rainfall was in moderate to large defect. Skies were less clouded than usual in Assam, Bihar and Orissa, and humidity was in defect in Assam, Bengal and Orissa. Maximum temperature was higher than usual in Assam and Bengal and the minimum above normal in Bihar.

The United Provinces, Central India and the Central Provinces.—Rainfall was in very large excess in the division except the east Central Provinces where it was in slight defect. Skies were slightly more clouded in the west United Provinces but less clouded than usual in Central India West, Berar and the west Central Provinces. Humidity was in excess throughout the division. Minimum temperature was higher than usual in the United Provinces.

Northwest India.—Rainfall was in large excess in the North-West Frontier Province, Baluchistan and Rajputana East, in moderate excess in Kashmir and in slight excess in the Punjab East and North; it was in large defect elsewhere. Skies were somewhat less clouded than the average in Sind, Rajputana East and Gujarat. Humidity was above normal in the Punjab East and North and Kashmir and below it in Baluchistan. Maximum temperature was above normal in the Punjab Southwest, Baluchistan and Rajputana West and the minimum higher than usual in the Punjab.

The Peninsula.—Rainfall was in very large excess. Skies were more clouded than usual in Mysore, Malabar and the Madras Deccan but less clouded in Hyderabad North. Humidity was in excess in Hyderabad and Mysore. Maximum temperature was below normal in the Madras Deccan and the minimum above it in Mysore.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

SIMLA;
The 6th March 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma	0·86	0·35	+0·51	+146	+0·9	+1·8	+1	+0·6
Assam	0·73	1·61	—0·88	—55	+4·9	+0·8	—6	—1·3
Bengal	0·08	0·96	—0·88	—92	+2·7	+0·7	—5	—0·4
Bihar and Orissa	0·28	0·99	—0·71	—72	+0·8	+1·5	—1	—0·4
United Provinces	3·39	0·86	+2·53	+294	—1·1	+2·8	+12	+0·2
Punjab	1·00	0·98	+0·02	+2	+1·8	+2·9	+2	+0·3
North-West Frontier Province	1·99	1·00	+0·99	+99	+0·3	+1·8	+1	—0·5
Sind	0·05	0·33	—0·28	—85	+1·8	0	—4	—0·6
Rajputana	0·29	0·24	+0·05	+21	+2·4	+1·8	+2	—0·6
Bombay	0·31	0·10	+0·21	+210	0	—0·8	—1	—0·2
Central India	1·61	0·40	+1·21	+303	+0·3	+1·4	+11	—0·3
Central Provinces	1·78	0·72	+1·06	+147	—0·3	+0·5	+4	—0·3
Hyderabad	1·16	0·30	+0·86	+287	—0·4	+0·9	+3	+0·1
Mysore	1·40	0·16	+1·24	+775	0	+2·1	+7	+0·7
Madras	1·91	0·44	+1·47	+334	—0·8	+1·5	—1	+0·3
Mean of India	1·11	0·58	+0·53	+91	+0·8	+1·4	+2	—0·1

TABLE II, FEBRUARY 1928.

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands . . .	2·66	0·87	+1·79	+206	—1·5	+0·8	—1	—0·6
2. Lower Burma . . .	0·98	0·39	+0·59	+151	+0·7	+1·6	+1	+1·1
3. Upper Burma . . .	0·68	0·29	+0·39	+134	+1·2	+2·0	+1	0
4. Assam	0·73	1·61	—0·88	—55	+4·9	+0·8	—6	—1·3
5. Bengal	0·08	0·96	—0·88	—92	+2·7	+0·7	—5	—0·4
6. Orissa	0·17	1·05	—0·88	—84	+1·6	+0·8	—8	—0·7
7. Chota Nagpur . . .	0·17	1·41	—1·24	—88	+0·1	+1·1	+1	+0·2
8. Bihar	0·43	0·69	—0·26	—38	+0·6	+2·0	+1	—0·4
9. United Provinces, East .	3·32	0·68	+2·64	+388	—1·3	+3·0	+12	—0·1
10. Do. do. West .	3·44	1·02	+2·42	+237	—0·9	+2·5	+12	+0·5
11. Punjab, East and North .	1·54	1·25	+0·29	+23	+1·5	+3·1	+5	+0·2
12. Do. Southwest . .	0·05	0·51	—0·46	—90	+2·3	+2·7	—4	+0·5
13. Kashmir	3·80	2·63	+1·17	+44	—0·8	+1·9	+10	+0·6
14. North-West Frontier Province	1·99	1·00	+0·99	+99	+0·3	+1·8	+1	—0·5
15. Baluchistan . . .	2·00	1·15	+0·85	+74	+2·9	+1·1	—7	—0·2
16. Sind	0·05	0·33	—0·28	—85	+1·8	0	—4	—0·6
17. Rajputana, West . . .	0·04	0·24	—0·20	—83	+3·6	+1·9	—1	—0·3
18. Do. East . . .	0·41	0·24	+0·17	+71	+1·5	+1·8	+4	—0·7
19. Gujarat	0	0·14	—0·14	—100	+0·4	—1·5	—3	—0·5
20. Central India, West . .	0·41	0·19	+0·22	+116	+0·5	+0·9	+3	—0·5
21. Do. do. East . .	2·80	0·61	+2·19	+359	+0·1	+1·8	+20	—0·2
22. Berar	2·27	0·33	+1·94	+588	—0·9	+1·5	+4	—0·7
23. Central Provinces, West .	2·13	0·55	+1·58	+287	—0·2	0	+5	—0·4
24. Do. do. East .	1·01	1·17	—0·16	—14	—0·3	+0·7	+4	+0·1
25. Konkan	0·17	0·06	+0·11	+183	—0·6	+0·6	—1	0
26. Bombay Deccan . . .	0·77	0·08	+0·69	+863	—0·2	—0·7	+1	+0·1
27. Hyderabad, North . .	1·78	0·34	+1·44	+424	—1·0	+0·3	+5	—0·5
28. Do. South . .	0·69	0·27	+0·42	+156	—0·1	+1·1	+3	+0·3
29. Mysore	1·40	0·16	+1·24	+775	0	+2·1	+7	+0·7
30. Malabar	2·55	0·41	+2·14	+522	—0·1	+1·7	—1	+0·8
31. Madras, Southeast . .	2·35	0·54	+1·81	+335	—0·9	+1·5	—2	+0·2
32. Do. Deccan . . .	1·59	0·15	+1·44	+960	—2·8	+1·2	—2	+0·7
33. Do. Coast, North . .	0·97	0·45	+0·52	+116	—0·2	+1·6	0	—0·2

TABLE III, FEBRUARY 1928.

Station	PRESSURE. 1 At 8 h., reduced to 32 and standard gravity.	2 Departure from normal.	WIND. 3 Mean direction at 8 h	4 Mean velocity in miles per hour.	TEMPERATURE. 5 Mean 8 h. Dry bulb.	6 Mean 8 h. Wet bulb.	7 Maximum. Mean.	8 Maximum. Departure from normal.	9 Maximum. Highest in month.	10 Minimum. Mean.	11 Minimum. Departure from normal.	12 Minimum. Lowest in month.	HUMIDITY. 13 Mean 8 h.	14 Departure from normal.	CLOUD. 15 Mean amount 8 h.	RAINFALL. 16 Total of the month.	17 Departure from normal.	18 Number of rainy days.	19 Departure from normal.	20 Heaviest fall in month.
BAY ISLANDS.																				
Port Blair	29·844	—·015	N. 23 E.	1·3	78·9	74·7	86·1	—1·5	88·0	75·8	+0·8	71·5	82	—1	2·9	2·66	+1·79	2	+0·8	2·40
LOWER BURMA.																				
Victoria Point	29·747	—·017	N. 45 E.	5·6	78·9	76·4	88·2	—0·5	92·6	75·5	+1·5	71·1	89	+12	5·3	1·45	+1·32	3	+2·7	0·80
Mergui	29·844	—·012	..	..	75·7	74·0	88·9	—0·6	93·4	72·6	+2·7	67·4	92	+7	4·8	4·78	+2·76	5	+·3	1·44
Tavoy	29·899	—·018	N. 45 E.	1·4	74·1	71·2	92·8	+1·7	98·5	69·1	+1·5	61·3	87	—1	3·8	1·15	+0·71	3	+2·2	0·58
Amherst	29·857	..	S. 75 E.	5·1	76·0	71·4	89·1	..	93·9	72·6	..	67·9	79	..	3·9	0·70	+0·55	3	+2·6	0·33
Rangoon	29·911	—·001	N. 16 E.	2·1	71·9	68·6	92·6	+0·3	99·2	69·1	+2·6	63·4	84	0	5·2	0·18	—0·04	0	—0·3	0·09
Bassein	29·904	—·004	N. 26 W.	2·4	74·1	70·2	91·1	+1·2	97·3	67·3	+1·4	62·9	82	—4	4·3	0·54	+0·26	2	+1·7	0·35
Diamond Island	29·869	—·021	N. 11 W.	6·4	77·1	72·7	84·3	+0·3	90·5	74·7	+1·8	70·2	80	+5	2·0	0·22	+0·06	1	+0·8	0·22
Toungoo	29·757	—·016	..	..	69·7	64·6	91·3	+1·1	94·8	62·7	+1·9	56·8	75	—8	2·7	0·78	+0·60	2	+1·7	0·39
Kyaukpyu	29·913	—·011	N. 62 E.	1·9	74·4	69·8	82·9	+2·1	88·0	65·2	+1·0	60·0	78	—6	2·3	0	—0·13	0	—0·3	0
Akyab	29·917	—·013	N. 19 E.	6·3	67·9	64·6	(d) 84·8	+0·5	93·4	(d) 61·3	+0·1	55·3	83	0	0·9	0	—0·15	0	—0·4	0
UPPER BURMA.																				
Minbu	29·767	—·005	N. 40 W.	2·6	69·4	61·9	89·6	—0·7	95·1	61·8	+0·8	54·0	64	0	1·0	0·26	+0·20	1	+0·9	0·26
Yamethin	29·282	+·010	..	..	68·1	61·9	90·5	—0·5	95·3	61·3	+1·3	54·1	69	—1	1·6	0·86	+0·64	2	+1·6	0·55
Mandalay	29·692	+·004	S. 65 W.	1·4	65·3	61·7	91·6	+1·3	95·8	62·4	+2·3	57·3	81	+13	0·9	0·58	+0·50	2	+1·7	0·40
Monywa	29·682	+·003	N. 7 W.	1·9	68·7	62·6	90·3	+2·3	94·3	61·8	+2·0	55·9	69	—4	1·1	0·37	+0·34	1	+0·9	0·34
Lashio	27·144	+·024	N. 45 E.	2·3	58·1	54·6	78·1	+0·1	82·8	51·3	+2·2	44·0	80	—2	3·4	1·22	+0·92	3	+2·0	0·68
Bhamo	29·582	+·010	N. 37 E.	1·0	60·6	59·2	82·9	+2·1	87·8	56·6	+4·0	49·3	92	+2	4·5	0·76	+0·28	2	+0·6	0·60
Myitkyina	29·503	+·016	N. 45 E.	1·6	59·5	57·4	81·8	+3·7	86·5	55·5	+1·4	46·6	88	+2	3·7	0·73	—0·12	2	—0·6	0·37
ASSAM.																				
Dibrugarh	29·635	—·001	N. 81 E.	(d) 0·6	59·6	57·8	79·5	+7·2	84·8	54·1	—0·5	48·1	89	—4	2·8	1·34	—1·08	3	—2·9	0·70
Sibsagar	29·669	+·005	N. 45 E.	1·1	58·4	57·0	79·1	+6·5	83·3	53·9	+0·6	48·0	91	—5	8·9	1·59	—0·42	2	—3·3	0·78
Tezpur	29·747	+·012	N. 41 E.	0·9	61·5	57·8	81·6	+5·6	86·5	55·7	0	51·6	79	—9	1·9	0·12	—1·02	0	—2·8	0·08
Gauhati	29·813	+·012	N. 32 E.	0·8	63·5	60·3	81·2	+3·4	87·2	54·2	+1·2	49·2	82	—5	2·1	0·10	1·14	1	—1·6	0·10
Dhubri	29·873	+·015	N. 81 E.	4·4	63·6	59·8	80·4	+2·8	87·9	57·8	+1·9	52·2	79	—5	1·2	0·14	—0·59	0	—1·5	0·08
Silchar	29·891	+·003	S. 86 E.	1·6	63·6	60·1	84·2	+3·7	88·4	57·5	+1·8	51·4	80	—6	0·7	1·12	—1·00	1	—2·6	1·06
BENGAL.																				
Cox's Bazar	29·906	—·011	N. 63 E.	1·7	68·1	65·8	85·8	+1·1	88·1	59·9	+0·6	54·2	88	+4	1·0	0	—0·37	0	—0·7	0
Chittagong	29·869	—·010	(d) N. 55 E.	(c) 5·5	64·1	60·3	85·6	+3·4	90·9	59·0	+0·3	52·8	79	—4	1·6	0	—1·03	0	—1·3	0
Narayanganj	29·939	—·003	N. 45 W.	1·3	64·1	60·1	85·5	+3·9	91·7	(d) 58·1	—0·7	50·7	78	—4	2·0	0	—1·40	0	—2·0	0
Barisal	29·947	—·002	N. 9 W.	1·1	66·8	62·2	84·2	+2·7	88·9	60·4	+0·7	54·3	76	—8	1·1	0·09	—0·96	0	—1·9	0·09
Jessore	29·953	+·011	Calm	1·2	66·5	62·1	85·0	+3·0	91·0	55·5	—1·8	49·9	77	—4	1·8	0·15	—1·19	1	—0·9	0·10
Calcutta	29·963	+·015	N. 24 W.	2·7	65·4	60·8	85·0	+2·7	90·7	62·0	+1·7	57·3	75	—7	2·0	0·03	—1·07	0	—1·6	0·03
Saugor Island	29·964	+·009	N. 36 W.	7·7	71·7	65·9	81·9	+1·1	87·1	63·5	—1·3	56·9	72	—14	2·1	0	—1·12	0	—1·8	0
Burdwan	29·894	+·021	N. 57 W.	1·4	64·6	58·8	84·9	+1·6	92·8	57·7	—1·0	50·3	69	—2	2·6	0·01	—1·24	0	—1·8	0·01
Berhampore	29·921	+·014	N. 79 W.	1·5	65·4	59·9	84·4	+3·1	93·1	57·2	+0·6	49·2	71	—8	2·4	0·04	—0·84	0	—1·7	0·04
Mymensingh	29·909	0	..	0·9	62·9	58·9	83·2	+4·1	87·5	57·3	+0·9	50·1	78	—6	2·2	0·14	—0·80	1	—0·7	0·14
Bogra	29·915	+·020	N. 8 W.	1·2	63·8	59·7	82·0	+1·9	92·0	57·6	+2·9	52·2	78	—2	2·1	0·03	—0·75	0	—1·7	0·02
Dinajpur	29·855	+·016	N. 16 W.	1·9	62·7	58·9	80·5	+1·2	87·3	57·0	+4·3	50·8	79	—2	2·3	0·16	—0·41	1	—0·2	0·12
Jalpaiguri	29·687	—·001	N. 22 W.	0·8	60·8	57·7	81·3	+4·7	86·5	55·5	+2·2	51·2	83	—3	2·9	0·35	—0·31	2	+0·8	0·20
ORISSA.																				
Balasore	29·923	+·017	N. 21 W.	1·7	71·7	62·4	86·1	+1·4	93·2	63·1	+1·7	57·3	58	—19	2·3	0·08	—1·44	0	—2·4	0·04
Hukitala (False Point) ..	29·946	+·008	N. 30 W.	5·2	..	..	..	..	..	..	..	..	..	..	2·1	0·55	—0·58	1	—0·6	0·55
Cuttack	29·901	+·014	E.	0·9	70·9	67·0	90·3	+1·6	94·5	65·6	+0·3	59·2	81	+1	2·2	0	—0·76	0	—1·4	0
Sambalpur	29·488	+·013	N. 45 E.	(d) 1·6	69·9	62·2	88·3	+1·7	95·0	60·4	+0·5	52·7	63	—5	1·7	0·04	—0·75	0	—1·7	0·02
CHOTA NAGPUR.																				
Chaibasa	29·224	+·011	S. 30 W.	1·7	65·5	60·6	83·9	—0·4	93·6	58·7	+1·6	51·4	74	—1	2·9	0·09	—1·40	0	—2·4	0·09
Ranchi	27·811	+·029	N. 76 W.	2·4	63·7	55·5	77·7	+0·6	87·4	55·9	+0·7	49·6	62	+2	2·3	0·10	—1·50	1	—1·8	0·10
Hazaribagh (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·33	—0·80	1	—1·3	0·15

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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. Dry bulb.	MEAN 8 h. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month.	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month.	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.
BIHAR.																				
Purnea	29·860	+·014	S. 72 W.	1·2	60·8	57·8	(e) 80·0	+1·2	86·3	53·9	+2·4	46·2	83	—1	1·3	0·32	—0·30	1	—0·3	0·28
Darbhanga	29·810	+·009	E.	0·5	62·4	58·7	77·3	+0·4	85·0	53·0	—0·2	46·1	75	—4	2·1	0·46	—0·08	2	+0·7	0·22
Patna	29·815	+·030	S. 81 W.	2·3	61·6	57·4	78·1	+0·6	88·4	57·1	+2·9	51·2	77	+9	1·9	0·91	+0·20	2	+0·5	0·55
Gaya	29·607	+·008	S. 3 E.	1·1	65·1	59·0	80·3	—0·2	94·2	58·1	+2·1	52·4	68	0	1·1	0·43	—0·43	1	—0·7	0·35
Naya Dumka	29·485	+·017	N. 36 W.	2·1	65·6	59·3	81·1	+0·8	90·5	58·5	+2·8	52·0	67	+2	1·9	0·03	—0·68	0	—1·9	0·03
UNITED PROVINCES, EAST.																				
Gorakhpur	29·739	+·041	W.	1·2	61·4	58·0	77·2	—0·2	88·1	53·8	+1·7	47·8	81	+8	1·2	1·97	+1·37	3	+1·2	0·81
Benares	29·734	+·011	S. 24 E.	1·6	60·6	58·1	77·0	—2·5	91·1	54·8	+3·0	49·1	85	+12	2·6	2·59	+1·93	6	+4·2	0·95
Allahabad	29·667	+·003	S. 75 W.	3·3	61·5	58·1	78·8	—0·7	91·8	55·7	+3·8	49·6	81	+14	2·7	4·09	+3·51	7	+5·5	1·41
Cawnpore	29·548	—·002	S. 51 E.	1·9	61·2	57·9	77·1	—1·3	89·4	54·5	+3·4	48·9	82	+14	1·9	3·84	+3·18	3	+1·4	1·90
Lucknow	29·594	—·005	N.	0·7	58·2	56·1	76·3	—2·1	86·2	53·8	+2·8	45·8	87	+19	1·9	4·43	+3·78	4	+2·5	2·42
Bahraich	29·551	+·011	S. 64 W.	1·6	60·4	57·4	75·6	—0·8	85·2	54·0	+3·5	48·2	83	+7	2·2	3·00	+2·09	4	+2·0	1·69
UNITED PROVINCES, WEST.																				
Jhansi	29·130	—·021	S. 79 W.	3·6	62·1	56·2	80·3	—0·5	97·4	54·4	0·7	47·6	69	+13	1·6	2·33	+1·88	4	+2·9	0·96
Agra	29·407	—·012	N. 23 W.	4·9	58·4	54·6	76·9	—1·6	91·5	50·7	+3·8	43·1	78	+12	3·2	1·33	+0·85	3	—2·0	0·63
Mainpuri	29·455	+·011	N. 53 W.	21	59·8	56·1	76·2	—0·7	88·8	51·8	+2·0	44·7	79	+10	2·8	2·85	+2·19	5	+3·5	1·17
Bareilly	29·397	+·021	S. 75 W.	0·7	58·5	56·6	74·2	—0·8	85·4	53·4	+3·7	47·0	89	+13	4·2	5·08	+4·16	8	+6·3	1·10
Meerut (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3·12	+2·24	8	+6·3	1·16
Roorkee	29·033	—·007	W.	1·9	55·3	53·6	71·7	—1·0	81·3	50·9	+3·9	44·9	90	+11	3·2	4·84	+3·44	5	+2·4	3·54
Dehra Dun (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4·53	+2·18	4	+0·4	2·43
PUNJAB, EAST AND NORTH.																				
Delhi	29·229	—·011	S. 67 W.	2·9	58·0	53·9	72·5	—2·1	84·5	55·0	+3·3	48·7	75	+11	3·7	1·97	+1·21	5	+3·4	0·81
Hissar	29·222	—·023	S. 32 E.	3·8	55·4	51·2	78·1	+3·3	93·0	50·8	+4·1	40·3	74	+4	1·8	0·84	+0·49	1	0	0·80
Ambala	29·038	—·009	N. 74 E.	3·0	55·5	52·7	74·4	+1·7	84·2	51·0	+3·9	42·8	83	+5	4·0	1·09	—0·56	4	+1·0	0·56
Ludhiana	29·131	—·009	N. 27 E.	1·9	54·5	51·5	73·5	+2·6	83·9	48·7	+1·0	41·0	81	+5	3·3	2·25	+0·96	4	+1·5	1·43
Lahore	29·251	—·012	S. 67 E.	1·3	54·2	51·2	73·7	+1·6	85·7	49·9	+4·9	40·1	80	+1	5·3	0·47	—0·47	1	—1·2	0·41
Sialkot	29·123	—·006	N. 17 E.	1·2	53·4	50·7	72·3	+2·7	85·5	47·5	+1·9	39·3	81	+1	3·3	1·68	+0·09	3	0	1·07
Rawalpindi	28·284	+·006	N. 28 W.	3·0	48·8	46·2	65·8	+0·7	81·0	43·7	+2·4	36·9	83	+5	3·8	2·49	+0·30	9	+5·3	0·58
PUNJAB, SOUTHWEST.																				
Khushab	29·379	0	N. 19 E.	3·8	54·8	46·9	73·8	+2·7	88·5	47·0	+1·0	35·2	52	—14	3·7	0	—0·89	0	—2·0	0
Lyallpur	29·358	—·004	N. 71 E.	1·6	52·5	48·6	73·0	+1·8	85·6	48·0	+4·6	39·6	73	—4	6·0	0·15	—0·16	0	—1·1	0·07
Montgomery	29·409	—·013	N. 56 E.	2·6	56·1	50·8	74·8	+2·0	87·8	49·5	+3·7	38·6	68	+3	3·3	0·03	—0·43	0	—1·4	0·01
Multan	29·559	—·009	N. 23 E.	2·1	53·7	48·3	76·7	+2·6	92·8	49·3	+1·5	36·6	66	0	2·4	0·04	—0·32	0	—1·2	0·02
Khanpur	29·687	..	N. 37 E.	1·8	54·7	(d) 49·6	80·1	..	99·0 ✓	(d) 45·0	..	30·1 ✓	(d) 64	..	2·4	0	..	0	..	0
KASHMIR.																				
Srinagar	24·974	+·047	N. 86 W.	1·3	35·5	(g) 34·9	45·4	+1·8	62·7	32·4	+3·7	21·5	(g) 89	+2	7·9	5·71	+2·98	8	+1·8	1·67
Sonamarg (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·23	—8·00	2	—7·9	0·93
Dras	20·826	+·087	S. 45 W.	3·1	1·0	..	19·1	—2·7	31·2	—6·3	+4·4	—27·0	..	..	6·1	11·44	+8·77	9	+1·9	4·15
Leh	19·684	+·086	N. 45 E.	0·1	15·4	..	30·8	—2·0	42·9	10·9	+1·0	1·3	..	..	7·0	0·66	+0·36	2	+1·2	0·25
Skardu	22·967	+·071	Calm	0·6	24·5	..	36·9	—1·3	45·4	19·1	+0·5	11·0	..	..	7·6	2·48	+1·81	6	+3·7	0·84
Gilgit	25·144	—·053	S. 45 W.	(e) 2·3	40·8	(e) 37·6	52·6	+0·3	69·4	36·8	+0·1	30·6	(e) 73	+18	7·2	1·26	+1·05	3	+2·2	0·60
NORTH WEST FRONTIER PROVINCE.																				
Peshawar	28·915	+·024	W.	0·2	48·2	45·7	65·2	—0·8	79·2	44·6	+2·0	37·0	81	+8	4·1	3·80	+2·45	4	+0·9	1·50
Dera Ismail Khan ..	29·432	+·011	N. 12 W.	1·4	53·1	47·5	72·9	+1·3	88·0	46·2	+1·6	36·8	64	—6	2·4	0·19	—0·46	1	—0·7	0·14
BALUCHISTAN.																				
Fort Sandeman	25·437	+·033	S. 45 W.	1·4	(f) 40·4	(l) 33·6	61·6	+1·4	84·7	35·0	+1·7	21·3	(l) 69	+2	2·9	1·24	+0·39	4	+1·4	0·50
Harnai (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2·29	+1·98	3	+2·5	0·79
Quetta	24·662	+·032	S. 45 E.	1·8	32·3	..	57·5	+4·3	80·3	27·2	—3·7	7·8	(s) 77	..	3·3	2·24	+0·38	3	—1·4	1·35
Chaman	25·688	—·018	S. 47 E.	5·3	43·0	(k) 39·6	59·5	+1·9	80·3	39·7	+2·8	18·3	(k) 45	—20	4·0	1·68	+0·26	2	—1·9	1·27
Kalat	23·726	+·011	S. 23 W.	4·0	32·3	..	56·4	+3·4	75·4	27·6	+2·8	7·3	(r) 89	..	2·3	1·18	+0·14	2	—0·9	0·63
Dalbandin	27·145	—·021	N. 43 E.	3·6	44·8	(h) 44·4	70·4	+3·4	93·1	40·4	+1·8	12·8	(h) 65	—3	3·3	3·35	+2·35	2	—0·2	1·71
Mirjawa	27·186	..	N. 81 W.	10·4	44·9	(k) 42·3	(e) 70·0	..	100·1	43·1	..	19·3	(l) 55	..	1·7	0·11	..	1	..	0·11
Panjgur	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pasni	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

(a) Reports only rainfall. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (g) Mean of 25 days. (h) Mean of 24 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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. Dry bulb.	MEAN 8 h. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month.	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month.	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.
SIND.																				
Jacobabad	29·821	+·007	S. 86 E.	2·4	56·9	(e) 48·2	81·7	+3·4	102·5	48·7	+0·1	30·3	(e) 42	—14	2·2	0·03	—0·29	0	—0·9	0·03
Hyderabad	29·908	+·001	N. 47 W.	2·5	60·9	53·2	44·4	+3·6	103·2	54·8	+0·6	41·4	57	—1	1·1	0·01	—0·26	0	—0·6	0·01
Karachi	29·991	—·010	N. 11 W.	5·7	63·8	58·3	76·1	—1·5	82·7	60·4	—0·7	48·2	69	+4	2·0	0·10	—0·29	1	0	0·10
RAJPUTANA, WEST.																				
Bikaner	29·179	—·011	S. 51 E.	4·4	58·3	50·2	80·2	+3·9	98·4	53·5	+1·4	43·2	51	0	2·0	0·01	—0·27	0	—0·8	0·01
Jodhpur	29·178	—·008	N. 53 E.	1·7	61·7	50·2	83·9	+3·3	100·5	55·7	+2·4	41·3	39	—1	2·7	0·07	—0·13	0	—0·6	0·07
RAJPUTANA, EAST.																				
Jaipur	28·533	+·007	N. 21 E.	2·6	61·5	53·4	79·4	+1·1	95·2	54·6	+3·2	44·6	58	+6	1·8	0·94	+0·65	2	+1·2	0·75
Ajmer(d)	28·355	+·005	S. 4 W.	(e) 2·6	60·0	52·0	80·0	+2·8	95·2	51·6	+1·7	39·5	56	—5	1·4	0·19	—0·06	1	+0·3	0·16
Kotah	29·105	—·025	N. 78 W.	1·4	63·5	55·0	82·5	+0·7	97·6	56·1	+0·5	48·6	57	+10	1·5	0·45	+0·16	1	+0·5	0·45
Udaipur (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0·07	—0·07	0	—0·4	0·07
GUJARAT.																				
Deesa	29·509	+·005	N. 56 E.	6·2	67·0	53·0	88·4	+2·0	101·3	52·5	—1·8	43·2	35	—7	1·2	0	—0·16	0	—0·3	0
Bhuj	29·646	0	N. 79 W.	3·1	64·5	55·4	84·3	+0·7	99·6	52·0	—5·1	36·5	52	—9	0·5	0	—0·15	0	—0·3	0
Dwarka	29·964	—·006	N. 7 E.	8·2	67·2	61·6	77·3	—1·1	92·0	61·7	—1·3	51·1	71	0	2·2	0	—0·32	0	—0·5	0
Rajkot	29·537	—·004	N. 35 E.	4·4	61·8	53·0	87·5	+1·0	102·2	52·9	—1·1	38·0	52	—3	1·0	0	—0·10	0	—0·3	0
Veraval	29·576	+·021	N. 27 E.	6·0	65·0	55·9	82·3	+0·8	93·2	60·7	+0·1	51·6	54	—5	0·9	0	—0·05	0	—0·2	0
Surat	29·939	+·005	N. 36 E.	2·2	64·8	57·2	88·3	—1·0	98·3	59·6	+0·2	50·6	60	—2	1·1	0·02	—0·05	0	—0·2	0·02
Ahmadabad	29·816	—·002	N. 27 E.	5·5	65·2	55·4	88·1	+0·3	99·4	58·2	—1·3	46·0	50	+4	0·6	0	—0·12	0	—0·3	0
CENTRAL INDIA, WEST.																				
Neemuch	28·311	—·020	N. 57 E.	3·0	62·5	52·9	81·6	+0·9	95·9	53·8	+2·1	44·0	52	+4	1·3	0·37	+0·17	1	+0·6	0·36
Indore	28·107	—·017	S. 11 W.	2·2	64·3	54·1	83·2	+0·2	95·1	52·1	—0·2	43·3	50	+1	1·2	0·45	+0·27	2	+1·4	0·32
CENTRAL INDIA, EAST.																				
Nowgong	29·201	—·006	S. 10 E.	1·8	57·1	55·4	80·6	+1·1	95·8	52·4	+1·5	44·5	90	+25	2·4	2·51	+2·01	3	+1·9	1·50
Sutna	29·916	+·009	S. 30 W.	2·3	62·0	57·5	78·3	—0·8	94·7	54·4	+2·1	49·0	76	+15	2·4	3·09	+2·36	7	+5·3	0·99
BERAR.																				
Akola	29·018	+·001	N. 56 E.	2·4	66·7	56·8	90·5	0	98·5	59·3	+1·9	53·2	51	+8	0·8	2·23	+1·94	2	+1·4	1·40
Amraoti	28·727	+·004	N. 47 E.	5·0	71·0	58·4	87·8	—1·7	96·1	63·1	+1·2	50·7	45	0	1·1	2·32	+1·94	2	+1·3	2·03
CENTRAL PROVINCES, WEST.																				
Khandwa	28·899	—·004	N. 14 W.	3·4	64·1	54·8	88·6	+0·1	100·6	54·5	—1·4	44·1	53	+9	0·8	2·27	+2·15	2	+1·7	1·90
Hoshangabad	28·968	+·015	N. 55 E.	2·2	65·1	57·1	85·2	+0·3	96·9	55·2	—0·1	48·2	59	+3	0·9	2·36	+1·95	3	+2·0	1·41
Saugor	28·109	—·022	S. 30 E.	2·7	64·3	54·7	80·6	+0·1	93·7	56·7	+1·2	50·0	54	+8	2·7	2·67	+2·23	5	+3·8	1·67
Jubbulpore	28·602	—·007	S. 32 E.	1·4	60·2	54·2	82·5	+1·0	93·8	53·1	+0·7	46·9	69	+4	1·6	0·92	+0·10	2	+0·3	0·65
Seoni (d)	27·905	—·061	N. 44 E.	(f) 2·4	65·0	56·2	81·0	—2·2	91·8	55·1	+0·1	48·3	57	+1	1·4	2·51	+1·57	3	+1·0	1·82
Nagpur	28·952	+·028	N. 57 E.	3·6	67·7	57·7	87·9	—0·6	96·8	59·2	—0·4	53·0	52	+1	1·7	2·03	+1·43	1	—0·4	1·97
CENTRAL PROVINCES, EAST.																				
Pendra	27·906	+·009	N. 25 E.	2·6	62·7	56·5	79·2	+0·2	91·6	56·5	+1·7	49·5	68	+12	2·4	2·24	+0·56	5	+1·9	0·81
Raipur	28·980	+·010	N. 46 E.	1·6	68·2	59·3	86·0	—0·1	94·5	60·7	+0·5	55·0	57	0	2·2	0·56	—0·29	2	+0·4	0·30
Kanker	28·697	..	S. 37 W.	1·9	67·7	59·7	86·7	..	94·2	56·6	..	47·1	62	..	2·3	0·34	..	1	..	0·24
Chanda	29·324	+·013	N. 45 E.	2·3	69·8	62·1	89·2	—1·7	96·2	60·8	+1·4	53·6	63	+4	1·5	1·23	+0·46	1	—0·1	1·08
Jagdalpur	28·139	+·014	S. 45 W.	1·7	65·1	60·1	86·4	+0·5	92·3	57·1	—0·6	50·7	74	+1	2·0	0·02	—1·34	0	—1·3	0·02
KONKAN.																				
Bombay	29·912	—·008	N. 46 E.	6·0	70·0	64·2	82·4	—0·5	90·4	67·2	—1·4	59·9	71	0	0·8	0·01	—0·07	0	—0·2	0·01
Ratnagiri	29·720	—·008	N. 79 E.	6·0	74·9	65·0	83·8	—2·0	91·2	67·9	+0·7	59·7	56	—8	0·6	0	—0·05	0	—0·1	0
Marmagao	29·869	—·006	N. 18 W.	1·0	..	..	..	..	..	..	..	..	..	..	2·2	0·05	—0·02	0	—0·1	0·04
Karwar	29·890	—·003	N. 5 W.	2·2	71·5	69·4	86·8	+0·8	94·4	69·4	+2·4	65·3	90	+5	1·2	0·64	+0·60	2	+0·9	0·52
BOMBAY DECCAN.																				
Malegaon	28·522	+·008	S. 72 W.	3·9	64·0	50·8	90·8	+0·8	99·1	52·7	—2·2	41·3	37	—8	0·8	0·07	0	0	—0·2	0·07
Ahmadnagar	27·802	+·008	N. 54 W.	3·6	66·9	53·1	87·7	—0·7	94·0	54·8	—0·7	41·9	37	—10	1·2	0·50	+0·33	1	+0·7	0·48
Poona	28·100	+·003	N. 67 W.	1·7	62·5	55·1	90·6	0	97·0	55·4	—0·8	46·0	61	+7	0·5	0·33	+0·27	1	+0·9	0·31
Sholapur	28·366	+·006	S. 89 E.	3·9	71·9	59·3	90·3	—1·2	95·2	(t) 61·3	(t) —3.1	59·0	46	+8	1·3	1·85	+1·79	2	+1·9	1·35
Bijapur	28·000	+·019	N. 81 E.	2·9	72·9	60·5	89·2	—1·8	93·4	64·0	+0·1	55·2	47	—4	1·7	1·28	+1·22	2	+1·8	0·93
Belgaum	27·393	+·014	N. 24 E.	1·8	68·3	60·4	89·8	+1.5	93·6	61·6	+2·2	56·5	68	+12	1·5	0·58	+0·53	1	+0·9	0·52
HYDERABAD, NORTH.																				
Aurangabad	28·049	—·006	S. 84 E.	4·9	68·5	54·7	88·0	—0·7	94·7	58·9	0	48·1	39	0	0·8	0·96	+0·79	2	+1·6	0·61
Parbhani (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1·37	+1·03	1	+0·1	1·37
Nizamabad	28·678	—·010	N. 25 E.	1·2	69·2	61·8	89·6	—1·3	95·2	62·2	+0·7	55·1	65	+11	1·0	3·02	+2·51	2	+1·1	2·85

(a) Reports only rainfall. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (t) Mean of 12 days.

STATION.	PRESSURE.		WIND.		TEMPERATURE.								HUMIDITY.		CLOUD.	RAINFALL.				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	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. Dry bulb.	MEAN 8 h. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month	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.
HYDERABAD, SOUTH.																				
Gulbarga	28·452	+·026	S. 77 E.	5·4	74·8	62·1	92·2	−0·3	96·5	64·8	+0·7	56·7	48	−2	2·2	0·75	+0·56	1	+0·5	0·75
Raichur	28·622	+·011	S. 38 E.	5·3	76·4	65·5	90·8	−1·3	94·8	68·9	+0·5	61·0	59	+5	1·1	1·09	+0·86	1	+0·6	1·00
Hyderabad	28·235	+·023	S. 27 E.	2·5	72·1	64·4	90·1	+0·4	94·5	65·5	+1·3	59·8	65	0	1·9	0·70	+0·40	2	+1·3	0·46
Hanamkonda	29·056	+·004	S. 44 E.	4·6	73·2	67·5	90·7	+0·7	96·5	68·5	+2·1	60·6	73	+7	3·0	0·20	−0·15	1	+0·3	0·13
MYSORE																				
Chitaldrug	27·541	+·010	S. 71 E.	3·1	73·1	65·2	89·2	−0·1	92·5	67·5	+1·6	63·3	65	+12	2·3	1·26	+1·17	2	+1·8	0·89
Bangalore	26·963	+·016	S. 74 E.	5·7	68·2	62·8	86·9	+0·7	90·3	62·6	+2·4	57·0	74	+3	2·9	0·79	+0·62	2	+1·7	0·66
Mysore	27·436	+·001	N.	1·6	71·1	65·7	88·2	−0·6	91·6	65·9	+2·3	61·5	75	+7	3·1	2·15	+1·93	3	+2·6	1·08
MALABAR.																				
Mangalore	29·851	−·004	N. 82 E.	4·4	79·6	74·3	88·2	−0·3	94·3	74·5	+2·4	71·2	77	+4	2·5	0·98	+0·92	3	+2·9	0·45
Calicut	29·894	0	S. 86 E.	4·2	79·9	74·0	90·7	+2·6	93·3	74·3	+1·4	70·0	75	−5	3·7	1·73	+1·57	3	+2·7	1·00
Cochin	29·914	+·005	N. 79 E.	4·6	80·4	73·9	86·9	−3·2	89·4	75·5	+1·4	71·4	73	−2	2·2	6·66	+5·87	4	+2·7	3·52
Trivandrum	29·694	−·014	N. 23 E.	3·6	77·9	72·8	86·0	+0·4	87·4	75·3	+1·6	72·5	77	0	3·0	0·84	+0·23	2	+0·9	0·65
MADRAS, SOUTHEAST.																				
Tinnevelly	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·30	+4·50	5	+3·6	1·97
Pamban	29·891	−·004	N. 60 E.	5·1	79·0	73·8	84·4	−0·5	86·0	75·5	+0·8	73·2	77	3	3·4	4·74	+4·01	4	+2·8	2·75
Madura	29·491	+·013	N. 23 E.	3·7	76·5	70·9	90·6	−1·2	95·1	71·2	+1·0	67·8	75	−1	4·8	1·44	+1·08	4	+3·4	0·64
Negapatam	29·922	+·014	N. 21 E.	8·3	78·1	72·9	85·0	−0·1	86·9	75·6	+2·9	70·5	77	−1	4·7	2·18	+1·55	5	+4·2	0·84
Trichinopoly	29·712	+·017	N. 23 E.	2·4	77·9	72·2	90·8	−1·6	94·8	69·7	+0·8	65·7	75	−2	3·3	3·06	+2·50	3	+2·3	1·86
Coimbatore	28·598	0	N. 37 E.	2·6	73·7	69·3	89·4	−2·1	92·7	68·3	+2·3	62·5	80	0	2·6	0·60	+0·28	1	+0·4	0·60
Salem	29·041	+·017	N. 51 E.	5·6	76·4	68·8	93·0	−0·4	96·7	68·7	+2·2	62·2	67	−9	1·9	1·77	+1·50	2	+1·4	1·37
Cuddalore	29·926	+·016	N. 37 W.	4·1	75·5	72·3	84·4	−1·2	86·1	70·2	+0·4	65·2	85	−1	3·6	0·97	+0·08	2	+0·8	0·57
Madras (d)	29·941	+·008	N. 71 W.	5·9	76·6	72·4	86·8	0	90·9	70·1	+1·4	64·9	81	−2	2·6	1·12	+0·80	2	+1·4	0·98
MADRAS DECCAN.																				
Cuddapah	29·522	+·015	S. 75 E.	..	79·6	70·0	91·6	−3·1	96·0	69·9	+0·6	65·4	59	−8	1·8	1·02	+0·88	2	+1·8	0·74
Bellary	28·448	−·001	S. 20 E.	2·0	75·2	64·0	90·9	−3·2	94·8	67·1	+1·0	63·8	53	−1	2·5	1·10	+0·94	1	+0·7	1·00
Kurnool (d)	29·016	+·013	S. 73 E.	3·2	73·7	65·9	91·7	−2·1	95·8	67·2	+1·9	61·9	65	+4	1·8	2·64	+2·48	1	+0·7	2·63
MADRAS COAST, NORTH.																				
Nellore	29·909	+·027	S. 37 W.	3·2	76·0	71·9	88·0	−1·7	92·9	71·5	+2·0	69·0	82	−3	2·7	4·74	+4·62	2	+1·6	4·60
Masulipatam	29·959	+·003	N. 56 E.	3·6	77·9	72·7	86·1	−0·5	92·1	71·0	+2·4	67·5	77	−8	1·3	0·08	−0·34	0	−0·5	0·05
Cocanada	29·936	−·007	N. 21 E.	4·3	77·6	72·3	86·2	+0·5	92·9	71·3	+1·5	67·5	77	−1	4·2	0·01	−0·31	0	−0·5	0·01
Vizagapatam	29·935	+·012	N. 63 W.	4·9	76·3	72·5	83·3	−0·5	86·5	72·0	+0·9	64·2	83	+10	3·0	0·85	0	1	+0·1	0·85
Calingapatam	29·953	+·007	N. 54 W.	4·8	74·3	70·9	86·5	−1·0	90·2	69·5	+1·8	64·8	84	+2	1·8	0	−0·30	0	−0·9	0
Gopalpur	29·920	+·016	N. 7 W.	5·2	74·6	69·7	85·4	+2·1	88·9	68·6	+1·2	64·8	77	−1	0·8	0·12	−0·57	1	−0·1	0·12
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN.									✓			✓								
Maymyo	26·437	+·003	S. 79 E.	1·2	55·5	53·9	76·2	+1·8	82·2	46·6	+3·3	39·8	91	+6	3·9	0·83	+0·66	2	+1·4	0·49
Shillong	25·137	+·016	S. 51 W.	1·7	50·9	47·2	65·5	+3·0	72·4	42·4	+0·2	36·5	77	+10	0·6	1·49	+0·29	4	+1·3	0·50
Cherrapunji	25·735	+·045	N. 30 E.	4·3	58·5	50·2	65·5	+3·5	72·0	50·4	+2·7	44·5	55	−14	2·3	0·78	−1·94	3	−0·6	0·22
Darjiling	22·958	+·059	N. 19 E.	1·0	45·8	41·7	52·6	+3·7	59·8	39·7	+3·6	32·8	72	−10	3·8	2·09	+0·99	5	+2·4	0·86
Mukteswar	22·841	+·053	N. 64 W.	..	42·6	(f) 37·3	51·2	+0·5	61·0	38·6	+3·2	31·3	(f) 61	+3	4·5	6·60	+4·21	8	+3·4	2·22
Mussooree (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5·55	+1·08	5	−0·3	1·90
Chakrata	23·399	+·076	N. 73 E.	7·5	45·3	(f) 39·0	53·6	+2·0	63·7	38·9	+2·9	28·7	(f) 54	−7	4·7	3·61	−0·70	7	+1·1	1·05
Simla	23·094	+·052	N. 33 E.	4·3	43·4	(i) 36·9	49·1	+2·3	60·0	39·2	+3·3	29·3	(i) 52	−2	4·9	4·22	+1·09	8	+2·2	1·56
Dharampore (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4·29	..	7	..	1·70
Dalhousie (a)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4·69	..	10	..	0·90
Murree	23·964	+·032	S. 51 E.	7·5	44·3	(d) 37·5	49·3	+2·2	67·2	39·9	+5·5	29·0	(d) 56	−6	4·8	3·50	−0·64	11	+5·1	0·80
Cherat	25·766	+·044	N. 15 W.	8·0	45·9	(d) 39·9	51·6	−0·6	67·8	43·2	+2·8	33·8	(d) 58	+4	4·7	5·34	+2·36	6	+1·7	1·88
Parachinar (d)	24·460	+·037	N. 31 E.	(e) 9·3	39·5	(l) 36·5	53·6	+2·1	72·5	32·5	+1·6	19·7	(l) 61	−11	4·4	3·94	+1·81	6	+1·1	1·53
Drosh	25·131*	−·025	E.	3·8	37·9	(h) 35·8	48·9	−0·8	67·0	35·6	+2·3	28·2	(h) 75	+4	6·0	2·90	+1·77	7	+3·9	1·12
Mount Abu	26·073	+·015	N. 26 W.	4·2	61·2	48·2	67·9	+0·1	83·9	55·1	+1·9	41·4	37	−2	1·3	0·02	−0·26	0	−0·6	0·02
Pachmarhi	26·493	+·022	S.	2·3	60·6	52·9	75·5	+0·3	84·0	50·8	−0·2	41·2	62	+9	1·9	1·27	+0·61	2	+0·5	0·96
Mercara	26·210	−·008	N. 66 E.	3·4	66·3	63·2	80·0	−0·9	83·8	61·0	+2·2	57·8	85	+12	4·7	3·15	+2·96	4	+3·5	1·14
Kodaikanal	22.823	+·019	N. 30 E.	8·8	54·4	47·6	63·6	−2·6	69·3	48·1	+0·6	44·2	63	+8	2·6	6·33	+4·92	6	+4·0	1·72
CEYLON.																				
Colombo	29·886	+·008	N. 40 E.	2·5	70·6	69·0	86·8	−1·7	91·2	70·4	−2·0	65·9	92	+9	5·0	2·78	+0·67	4	+0·6	1·10

(*) Aneroid. (a) Reports only rainfall. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (h) Mean of 24 days. (i) Mean of 23 days. (l) Mean of 20 days.

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MONTHLY WEATHER REPORT

FOR

March 1928

Supplement to the Indian Daily Weather Report for the 30th April 1928

Published by order of the Governor-General in Council

Summary.—Five western disturbances affected the Frontier of which the first developed into a storm over the Punjab; on the whole, however, they gave less rain than usual and rainfall was in moderate to large defect in northwest India.

The first western disturbance, which began to affect the Frontier on the 29th February and remained feeble for two days, developed into a deep depression on the 3rd March and then intensified into a storm over the Punjab on the morning of the 4th. It caused gales in the Punjab and extensive duststorms over the whole of northwest India. The storm filled up rapidly and by the morning of the 7th, the disturbed conditions had passed away eastwards through Assam. Associated with this disturbance, local rain or snow fell in the extreme north between the 1st and 3rd and in the North-West Frontier Province and the western Himalayas on the 4th. Local rain also fell in Assam on the 1st, 3rd, 4th and 5th. The second disturbance became marked as a depression over the west Punjab on the morning of the 9th and caused nearly general rain or snow in Baluchistan on the 8th and local rain in the extreme north on the 9th, while the third gave local rain along the Frontier on the 13th. The fourth disturbance was feeble, and the fifth caused local rain in the extreme north between the 22nd and 25th and along the western Himalayas on the 26th and 27th.

2. Rain also fell locally in the central parts of the country between the 14th and 16th, in the Central Provinces and Malabar on the 21st and in Tenasserim on the 22nd. Local rain with thunderstorms occurred in Assam on the 27th and from the 29th to 31st and in east Bengal on the 29th and 31st.

3. A depression formed in the Bay of Bengal on the morning of the 26th; moving northwestwards it lay with centre about three hundred miles east of Madras on the 28th and then filled up by the morning of the 30th. It caused scattered thundershowers in the south of the Peninsula on the 27th and 28th and widespread thunderstorm rain in the Peninsula between the 29th and 31st. Hanamkonda had 3″ on the 29th, Hyderabad (Deccan) 4″ on the 30th and Mangalore 3″ and Masulipatam 4″ on the 31st.

4. The month's rainfall was in very large excess in the Bay Islands and in Hyderabad South, and in moderate to large excess in the North-West Frontier Province, Central India West, the west Central Provinces and Mysore. It was about normal in the Bombay Deccan and Madras Southeast and also in the Punjab Southwest but was in large defect elsewhere in northwest India. Over the rest of the country rainfall was in moderate to large defect. Averaged over the plains of India the rainfall of the month was 38 per cent. in defect.

5. Temperature was markedly high in northwest India from the 1st to 3rd, but with the eastward movement of the first western disturbance it began to fall rapidly in Baluchistan on the 4th and over the whole of northwest India on the 5th; this cold wave extended to the central parts of the country on the 6th and to Bengal on the 7th. Maximum temperature was above normal in Assam between the 12th and 18th and from the 21st to 26th and in Orissa, Chota Nagpur, Central India East and the east Central Provinces during the first five days; it was high in the west United Provinces and over most of northwest India for about the first three days of the month. Day temperature was higher than usual in the North-West Frontier Province from the 16th to 21st and in Baluchistan between the 16th and 24th, but was low in both these subdivisions from the 4th to 11th and in the North-West Frontier Province alone between the 24th and 31st. Minimum temperature was generally above normal over most of northern India for about the first four days, and was below it in Bengal and Orissa from the 8th to 10th, in the west

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United Provinces from the 6th to 9th and in Sind, Rajputana, Gujarat and Central India between the 6th and 9th while it was low in Baluchistan alone from the 4th to 11th. Night temperature was also high in Kashmir from the 23rd to 26th, in Sind from the 19th to 29th and in Baluchistan between the 17th and 26th. Both maximum and minimum temperatures were lower than usual in the Madras Deccan between the 13th and 17th. On the mean of the month maximum temperature was below normal in the Madras Deccan and the minimum above it in Sind and Rajputana East.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall was in very large excess in the Bay Islands and in moderate to large defect elsewhere. Skies were more clouded than usual in Lower Burma, and maximum temperature was below normal in the Bay Islands.

Northeast India, including Orissa.—Rainfall was in moderate to large defect in the division. Skies were less clouded than usual in Orissa and Bihar. Humidity was below normal and maximum temperature higher than usual throughout the division.

The United Provinces, Central India and the Central Provinces.—Rainfall was in large excess in the west Central Provinces and Central India West, and in large defect in the United Provinces, in the rest of the division it was in moderate defect. Skies were less clouded than usual in the east United Provinces, Central India East and the west Central Provinces, and more so in Berar and the east Central Provinces. Humidity was below normal in the east United Provinces and Central India West and above it in Central India East.

Northwest India.—Rainfall was approximately normal in the Punjab Southwest and in slight to moderate excess in Kashmir and the North-West Frontier Province; it was in moderate defect in Baluchistan and in large defect elsewhere. Skies were less clouded than usual in Rajputana East. Humidity was below normal in the Punjab East and North, Sind and Rajputana and above it in Kashmir. Minimum temperature was higher than usual in Sind and Rajputana East.

The Peninsula.—Rainfall was in very large excess in Hyderabad South and in moderate excess in Mysore; it was normal in the Bombay Deccan and Madras Southeast and in moderate to large defect elsewhere. Skies were less clouded than usual in the Konkan, Hyderabad North and the Madras Coast North and more clouded in Hyderabad South and Malabar. Humidity was generally below normal in the division except in the Konkan and Mysore. Maximum temperature was lower than usual in the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:

The 10th April 1928.

C. W. B. NORMAND.

Director-General of Observatories.

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"	%	°	°	%	
Burma ...	0·36	0·70	−0·34	− 49	−0·5	+0·1	− 2	+0·5
Assam ...	2·55	3·93	−1·38	− 35	+3·0	+0·8	− 8	−0·2
Bengal ...	0·38	1·70	−1·32	− 78	+3·4	0	− 6	−0·6
Bihar and Orissa ...	0·08	0·95	−0·87	− 92	+2·9	+0·5	−11	−0·4
United Provinces ...	0·14	0·50	−0·36	− 72	+0·7	+0·2	− 3	−0·1
Panjab ...	0·56	0·97	−0·41	− 42	+0·1	+0·4	− 6	+0·1
North-West Frontier Province.	2·17	1·63	+0·54	+ 33	−1·1	+0·3	− 1	−0·3
Sind ...	0·01	0·27	−0·26	− 96	+1·0	+2·6	− 7	+0·1
Rajputana ...	0·03	0·19	−0·16	− 84	+1·2	+2·0	− 8	−0·5
Bombay ...	0·07	0·10	−0·03	− 30	+0·4	+0·3	− 2	−0·3
Central India ...	0·20	0·23	−0·03	− 13	+0·1	−0·5	0	−0·5
Central Provinces ...	0·53	0·55	−0·02	− 4	+0·2	+0·1	0	+0·1
Hyderabad ...	1·20	0·50	+0·70	+140	+0·4	0	− 5	+0·6
Mysore ...	0·53	0·36	+0·17	+ 47	+1·0	+0·2	+ 1	0
Madras ...	0·33	0·50	−0·17	− 34	−1·1	−0·5	− 5	+0·1
Mean of India ...	0·46	0·74	−0·28	− 38	+0·6	+0·4	− 4	−0·1

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	3·18	0·74	+2·44	+330	−3·3	−1·2	0	+0·6
2. Lower Burma ...	0·49	0·84	−0·35	− 42	−0·7	−0·1	− 3	+1·3
3. Upper Burma ...	0·18	0·50	−0·32	− 64	−0·4	+0·3	− 1	−0·4
4. Assam ...	2·55	3·93	−1·38	− 35	+3·0	+0·8	− 8	−0·2
5. Bengal ...	0·38	1·70	−1·32	− 78	+3·4	0	− 6	−0·6
6. Orissa ...	0·10	1·28	−1·18	− 92	+2·6	−0·3	−15	−0·7
7. Chota Nagpur ...	0·19	1·11	−0·92	− 83	+2·1	+1·7	− 7	+0·2
8. Bihar ...	0	0·60	−0·60	−100	+3·5	+0·5	−10	−0·4
9. United Provinces, East ...	0·03	0·37	−0·34	− 92	+1·0	+0·6	− 5	−0·9
10. Do. do. West ...	0·23	0·62	−0·39	− 63	+0·3	−0·3	− 1	+0·2
11. Punjab, East and North ...	0·49	1·11	−0·62	− 56	+0·5	+0·4	− 8	−0·1
12. Do. Southwest ...	0·68	0·72	−0·04	− 6	+0·3	+0·4	− 3	+0·5
13. Kashmir ...	1·69	3·98	+0·71	+ 18	−1·4	+1·3	+ 5	+0·6
14. North-West Frontier Province ...	2·17	1·63	+0·54	+ 33	−1·1	+0·3	− 1	−0·3
15. Baluchistan ...	0·93	1·27	−0·34	− 27	+0·6	+0·4	+ 4	−0·1
16. Sind ...	0·01	0·27	−0·26	− 96	+1·0	+2·6	− 7	+0·1
17. Rajputana, West ...	0·04	0·17	−0·13	− 76	+1·3	+1·9	− 5	0
18. Do. East ...	0·02	0·19	−0·17	− 89	+1·2	+2·0	−11	−0·8
19. Gujarat ...	0	0·09	−0·09	−100	+0·7	+0·7	− 1	−0·2
20. Central India, West ...	0·11	0·07	+0·04	+ 57	−0·6	−0·1	− 7	+0·1
21. Do. do. East ...	0·29	0·39	−0·10	− 26	+0·8	−0·9	+ 6	−1·1
22. Berar ...	0·25	0·34	−0·09	− 26	+0·1	+0·4	− 1	+0·8
23. Central Provinces, West ...	0·69	0·42	+0·27	+ 64	−0·5	−0·5	− 1	−0·3
24. Do. do. East ...	0·43	0·85	−0·42	− 49	+1·4	+0·7	+ 1	+0·3
25. Konkan ...	0·02	0·03	−0·01	− 32	+0·3	+0·3	+ 2	−0·6
26. Bombay Deccan ...	0·17	0·17	0	0	0	−0·1	− 5	−0·1
27. Hyderabad, North ...	0·02	0·59	−0·57	− 97	+0·1	+1·6	− 6	−0·4
28. Do. South ...	2·09	0·43	+1·66	+386	+0·6	−0·8	− 4	+1·1
29. Mysore ...	0·53	0·36	+0·17	+ 47	+1·0	+0·2	+ 1	0
30. Malabar ...	0·78	1·04	−0·26	− 25	−0·5	+0·7	− 3	+0·5
31. Madras, Southeast ...	0·43	0·45	−0·02	− 4	−0·9	−0·5	− 5	+0·3
32. Do. Deccan ...	0·04	0·22	−0·18	− 82	−2·5	−1·3	− 9	+0·2
33. Do. Coast, North ...	0·05	0·37	−0·32	− 86	−1·0	−0·8	− 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·821	-·009	N	1·0	78·1	74·6	87·0	-3·3	89·4	75·1	-1·2	70·5	83	0	3·8	3·18	+2·44	4	+3·0	1·32
LOWER BURMA																				
Victoria Point ...	29·734	-·010	N 51 E	5·7	80·2	74·7	87·8	-2·5	92·8	76·3	+0·3	71·5	77	-2	5·1	0·25	-1·03	1	-1·4	0·21
Mergui ...	29·821	-·004	...	...	77·6	74·9	89·3	-1·7	95·3	72·4	-0·2	64·4	88	-5	4·8	3·20	+0·08	6	+1·4	1·46
Tavoy ...	29·876	-·010	N 36 E	2·9	76·7	72·6	93·9	+0·8	98·0	69·4	-1·5	57·4	82	-4	4·7	0·92	-0·67	1	-1·2	0·92
Amherst ...	29·819	...	S 23 W	6·6	80·4	75·4	88·8	...	94·7	75·1	...	67·3	78	...	4·5	0	-0·59	0	-0·7	0
Rangoon ...	29·864	-·009	N 33 W	3·5	75·7	72·1	95·0	-0·9	101·0	71·9	+0·7	65·0	83	-2	6·8	0·43	-0·11	2	+1·1	0·29
Bassein ...	29·854	-·005	N 29 W	2·6	79·0	73·7	93·8	-0·4	99·8	71·1	0	64·6	77	-7	4·4	0·02	-0·15	0	-0·2	0·02
Diamond Island ...	29·831	-·016	N 26 W	6·0	(b) 80·2	(b) 74·6	(b) 85·5	+0·5	91·2	(b) 77·2	+1·8	73·0	(b) 76	0	3·3	0	-0·17	0	-0·2	0
Toungoo ...	29·034	-·028	...	...	77·3	69·3	96·0	+1·2	101·4	69·0	+0·4	60·1	66	-8	2·5	0·03	-0·30	0	-0·5	0·02
Kyaukpyu ...	29·865	-·008	S 84 E	1·6	77·5	73·6	85·8	+0·5	89·7	69·2	-0·9	62·5	83	-1	4·0	0	-0·39	0	-0·5	0
Akyab ...	29·867	-·010	N 37 E	7·0	75·4	70·7	87·4	-1·1	93·3	67·4	-1·1	56·2	79	-4	2·5	0	-0·49	0	-0·7	0
UPPER BURMA																				
Minbu ...	29·688	-·017	S 19 E	2·7	76·2	66·2	96·4	-2·0	103·3	68·7	-0·7	60·2	56	0	1·0	0	-0·29	0	-0·4	0
Yamethin ...	29·222	-·005	...	...	75·5	66·4	95·3	-2·5	100·5	68·7	0	60·0	59	-3	1·2	0	-0·37	0	-0·5	0
Mandalay ...	29·614	-·005	S 2 W	2·3	74·3	65·1	97·3	-0·8	103·2	68·9	+0·6	59·9	59	+6	0·1	0	-0·19	0	-0·5	0
Monywa ...	29·598	-·008	N 11 W	1·8	75·5	64·1	97·2	+0·7	104·5	67·2	-0·1	58·1	52	-6	1·2	0	-0·35	0	-0·9	0
Lashio ...	27·096	-·011	S 45 E	2·0	63·2	57·7	83·3	-2·3	88·9	55·2	-0·7	48·0	71	+1	2·0	0·33	-0·26	1	-0·3	0·25
Bhamo ...	29·196	-·010	N 28 E	1·1	67·0	64·1	89·4	+1·4	96·5	61·7	+2·2	55·0	84	+2	1·2	0·53	-0·22	1	-1·0	0·45
Myitkyina ...	29·107	-·010	N 23 E	2·1	67·5	62·6	87·2	+2·7	92·9	61·9	+0·9	53·4	75	-1	3·0	0·37	-0·57	2	-0·9	0·19
ASSAM																				
Dibrugarh ...	29·547	-·011	S 81 E	1·2	67·3	63·2	86·7	+3·9	88·5	61·8	+1·2	55·4	78	-9	4·1	4·71	+0·12	10	+0·8	2·05
Sibsagar ...	29·569	-·008	N 54 E	1·9	66·6	62·9	81·8	+3·2	89·3	61·2	+1·4	55·6	81	-10	10·0	3·45	-1·33	7	-2·3	0·73
Tezpur ...	29·633	-·009	N 62 E	(f) 1·0	69·1	63·6	86·3	+3·7	95·0	(b) 62·4	+0·6	56·5	73	-8	3·9	1·36	-0·92	4	-1·1	0·38
Gauhati ...	29·700	-·006	N 41 E	1·4	69·8	64·9	88·0	+3·1	103·4	59·8	+0·1	53·5	76	-3	2·0	0·26	-2·03	2	-2·3	0·12
Dhubri ...	29·747	-·013	S 78 E	5·5	71·3	63·5	89·0	+3·1	97·2	64·1	+1·2	55·6	63	-12	1·3	0	-1·76	0	-2·5	0
Silchar ...	29·803	-·007	S 87 E	2·2	69·9	65·2	86·7	+0·8	94·2	63·5	+0·4	56·4	76	-5	2·0	5·53	-2·38	9	-0·4	1·62
BENGAL																				
Cox's Bazar ...	29·843	-·013	S 45 E	2·6	75·4	73·6	86·6	+0·2	95·9	67·3	+0·5	57·8	91	+8	0·9	0	-1·52	0	-1·7	0
Chittagong ...	29·805	-·005	(b) S 78 E	(c) 7·8	73·0	68·6	89·2	+2·4	96·0	68·0	+0·7	57·8	79	-3	3·1	0·04	-2·52	0	-2·8	0·04
Narayanganj ...	29·846	-·008	S 23 W	3·3	74·8	69·5	92·4	+3·1	97·3	68·2	+0·1	56·6	76	-5	3·1	2·70	+0·01	2	-1·6	2·20
Barisal ...	29·860	-·007	S 27 W	0·5	75·7	71·9	92·4	+3·3	96·9	69·8	+1·1	57·1	82	-1	3·3	0·16	-2·06	1	-2·6	0·10
Jessore ...	29·842	-·003	S 72 W	1·5	76·1	71·4	96·4	+5·2	101·3	65·6	-2·0	50·6	79	0	2·8	0·93	-1·18	2	-1·2	0·54
Calcutta ...	29·848	-·005	S 57 W	3·7	75·4	69·4	96·1	+5·1	100·5	70·5	+1·1	59·9	72	-8	2·0	0·13	-1·31	1	-1·4	0·13
Saugor Island ...	29·860	-·003	S 56 W	12·4	80·2	73·1	87·6	+0·7	91·3	74·5	+0·1	63·7	70	-13	3·2	0	-1·43	0	-2·0	0
Burdwan ...	29·761	-·009	S 55 W	1·6	73·2	64·4	96·8	+3·7	101·2	65·9	-1·9	49·8	60	-8	2·7	0·03	-1·64	0	-2·6	0·01
Berhampore ...	29·794	-·010	S 24 W	2·4	76·2	64·9	97·3	+5·6	105·8	64·7	-0·9	52·2	52	-17	1·6	0	-1·07	0	-2·0	0
Mymensingh ...	29·814	-·007	S 67 E	1·1	71·3	65·8	91·4	+4·1	96·2	64·9	+0·3	54·4	74	-5	3·2	0·65	-1·44	1	-2·5	0·56
Bogra ...	29·798	-·004	S 76 E	1·8	72·4	65·2	94·3	+4·2	101·4	62·8	-0·3	52·2	66	-7	2·8	0·17	-1·07	1	-1·1	0·17
Dinajpur ...	29·738	-·002	S 27 W	2·8	71·6	63·8	91·5	+2·5	101·3	61·9	+1·3	52·8	59	-9	2·2	0	-0·75	0	-1·5	0
Jalpaiguri ...	29·569	-·025	N 72 E	1·1	68·6	62·8	88·5	+3·8	97·3	69·3	+0·5	54·0	70	-7	1·7	0·10	-1·26	1	-1·4	0·10
ORISSA																				
Balasore ...	29·809	-·001	S 62 W	3·8	80·9	68·7	96·1	+3·8	101·7	70·5	+1·2	58·8	51	-24	1·5	0·35	-1·63	1	-2·3	0·28
Hukitala (False Point)	29·853	-·001	S 82 W	9·9	...	...	...	...	...	...	...	...	...	...	3·5	0	-1·08	0	-1·5	0
Cuttack ...	29·804	-·006	S 68 W	1·9	77·8	71·0	99·3	+2·7	104·4	70·6	-1·8	63·0	71	-7	2·5	0	-1·11	0	-1·6	0
Sambalpur ...	29·394	-·002	N 34 E	2·0	78·0	63·6	97·1	+1·3	101·8	66·7	-0·4	51·2	42	-14	1·4	0·05	-0·89	0	-1·8	0·03
CHOTA NAGPUR																				
Chaibasa ...	29·125	+·001	S 48 W	2·8	76·4	66·2	96·3	+2·5	103·0	67·2	+2·0	54·8	56	-6	2·0	0·15	-0·85	0	-2·1	0·09
Ranchi ...	27·726	+·014	N 75 W	3·3	72·6	57·6	88·7	+1·7	96·2	65·1	+1·5	55·5	36	-9	2·3	0·37	-0·93	2	-0·7	0·15
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·04	-1·00	0	-2·0	0·02

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (f) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·721	−·016	S 72 W	3·2	70·4	59·9	(l) 94·0	−4·7	101·8	58·4	−1·6	49·2	53	−15	1·3	0	−0·50	0	−1·2	0
Darbhanga ...	29·674	−·018	S 45 E	1·3	71·6	60·9	91·5	−3·8	101·9	59·1	−2·5	50·1	53	−10	1·2	0	−0·50	0	−1·2	0
Patna ...	29·677	+·005	S 69 W	3·1	73·5	60·8	94·9	−2·4	102·0	65·8	+1·9	57·4	45	−7	1·2	0	−0·47	0	−1·3	0
Gaya ...	29·494	0	S 15 W	1·0	76·8	61·5	95·1	+2·8	105·7	67·7	+2·0	56·4	38	15	0·6	0	−0·48	0	−1·2	0
Naya Dumka ...	29·372	+·003	N 69 W	2·2	76·1	63·1	94·9	−3·7	105·2	67·3	+2·7	55·2	45	−5	2·2	0·02	−0·99	0	−1·8	0·02
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·605	+·015	S 60 E	1·9	72·5	60·6	92·5	+2·9	101·1	61·1	−0·5	51·4	48	−9	0·4	0·15	−0·24	1	−0·2	0·15
Benares ...	29·605	−·013	S 41 W	2·2	73·5	60·9	92·3	−0·7	103·1	61·8	−0·5	54·1	45	10	1·2	0	−0·36	0	−0·9	0
Allahabad ...	29·553	−·008	S 71 W	3·5	74·0	61·3	93·2	1·3	101·1	62·8	+1·1	54·6	45	2	0·6	0	−0·31	0	−0·8	0
Cawnpore ...	29·440	−·007	S 79 W	2·4	73·0	60·8	90·6	0·7	100·7	62·1	1·6	53·7	46	−3	0·7	0	−0·30	0	−0·8	0
Lucknow ...	29·483	−·012	N 45 W	1·3	70·3	60·2	89·8	−0·8	100·2	61·1	−0·8	51·1	53	−2	0·5	0	−0·35	0	−1·0	0
Bahraich ...	29·426	−·013	N 57 W	2·2	70·0	60·6	89·2	1·1	99·7	59·2	−0·3	48·0	56	−5	1·6	0	−0·40	0	−0·9	0
UNITED PROVINCES, WEST																				
Jhansi ...	29·046	−·017	S 51 W	4·1	73·7	57·5	93·0	0·5	104·0	62·9	+2·5	51·0	32	−10	0·8	0·01	−0·28	0	−0·9	0·01
Agra ...	29·309	−·014	S 80 W	4·7	69·3	56·1	90·5	−0·1	101·9	57·2	1·4	46·4	39	−1	1·9	0	−0·35	0	−1·0	0
Mainpuri ...	29·349	+·002	N 49 W	2·4	71·6	59·6	90·4	−1·2	101·1	57·7	−6·9	47·9	45	−7	1·9	0	−0·32	0	−0·9	0
Bareilly ...	29·288	+·012	N 60 W	2·3	65·7	60·5	87·2	0·2	97·6	59·0	0·5	49·3	71	−12	3·5	0·04	−0·64	0	−1·4	0·04
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	−0·25	1	−0·6	0·31
Roorkee ...	28·941	−·007	N 38 W	2·9	64·6	56·5	83·7	−0·5	92·5	55·2	0·1	44·7	61	−1	3·5	0·69	−0·76	0	−1·7	0·07
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·12	0·13	1	−1·2	0·49
PUNJAB, EAST AND NORTH																				
Delhi ...	29·148	+·001	N 40 W	3·6	67·5	56·8	85·2	−0·8	93·6	62·6	+2·0	49·8	48	−1	2·0	0·54	+0·02	2	0·5	0·38
Hissar ...	29·138	−·010	S 70 E	4·2	64·7	55·3	88·8	−1·8	97·6	57·7	1·0	45·8	51	−6	1·8	0	−0·42	0	−0·9	0
Ambala ...	28·954	−·002	N 31 W	4·1	61·3	54·4	85·0	−1·6	94·8	57·0	1·0	48·6	49	−11	3·0	0·31	−0·56	1	−1·1	0·27
Ludhiana ...	29·048	+·001	N 21 W	2·7	62·8	54·0	83·7	−0·8	94·7	54·4	−2·6	45·0	53	−9	3·2	0·28	−0·78	1	−1·1	0·26
Lahore ...	29·161	−·005	N 37 E	2·5	63·0	55·5	82·9	0·4	92·8	56·4	1·8	47·0	60	6	4·0	0·25	−0·51	1	−0·9	0·21
Sialkot ...	29·030	−·007	N 22 E	(c) 1·6	61·9	54·7	80·9	0·5	90·1	53·8	−0·8	42·5	61	−8	2·6	0·69	−0·89	1	−2·2	0·54
Rawalpindi ...	28·196	−·008	N 77 W	4·0	58·3	51·7	74·8	−0·2	83·8	50·9	0·6	42·5	63	−6	4·1	1·22	−1·22	7	−2·3	0·29
PUNJAB, SOUTHWEST																				
Khushab ...	29·273	−·005	N 52 E	5·2	61·2	53·8	81·1	−0·5	91·2	55·3	−0·8	47·2	47	−9	4·3	2·12	−0·97	4	−1·1	1·69
Lyallpur ...	29·260	−·011	N 82 E	3·1	61·5	54·6	81·7	0·2	89·3	54·4	1·0	45·8	62	−6	6·1	0·35	−0·45	2	0·3	0·23
Montgomery ...	29·304	−·014	N 55 E	3·7	63·9	56·5	83·5	−0·5	94·1	56·7	−1·0	46·1	61	−9	2·3	0·19	−0·31	0	−1·5	0·09
Multan ...	29·452	−·011	N 25 W	2·1	64·9	55·5	86·5	1·0	95·1	58·8	+0·4	49·3	52	−6	2·4	0·07	−0·36	0	−1·1	0·05
Khanpur ...	29·587	...	N 28 E	3·5	66·7	58·1	90·3	...	101·3	55·6	...	53·1	57	...	2·5	0	...	0	...	0
KASHMIR																				
Srinagar ...	24·883	−·012	S 85 E	4·2	41·1	41·1	56·6	−1·5	66·5	38·1	+0·9	30·7	78	−8	6·1	3·62	−0·01	8	0	0·91
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16·44	+2·09	17	+2·1	3·15
Dras (e) ...	20·747	−·007	S 66 W	1·1	15·0	...	29·0	−2·6	37·1	8·5	+5·6	8·2	...	...	5·8	3·03	−1·17	9	−1·8	1·06
Leh (e) ...	19·612	−·022	S	1·0	26·6	...	42·7	−1·8	51·4	22·3	+1·4	11·2	...	...	7·0	0·25	−0·03	1	0	0·15
Skardu (e) ...	22·842	−·021	S 24 W	1·3	36·7	(m) 35·1	47·2	−2·7	58·7	32·2	−0·2	27·2	(m) 75	0	7·3	1·41	+0·61	4	+1·2	0·65
Gilgit ...	25·009	−·149	S 45 W	1·8	47·9	43·6	60·5	−1·4	70·6	43·1	−1·4	35·1	72	+24	7·6	3·38	+2·88	3	1·4	2·08
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	23·510	+·002	S 21 W	0·5	56·8	53·1	72·8	−2·1	87·2	52·2	+0·7	44·0	77	+6	4·8	3·92	+1·67	7	2·6	1·40
Dera Ismail Khan ...	29·311	−·010	N 13 E	1·7	64·4	56·1	81·6	−0·2	89·7	55·1	0	41·4	58	−8	2·5	0·42	−0·60	1	−1·3	0·37
BALUCHISTAN																				
Fort Sandeman ...	25·380	+·002	S 59 W	4·4	47·7	(c) 42·0	70·6	−0·1	78·9	44·6	+0·5	31·3	(c) 58	−1	2·1	0·26	−1·32	2	−1·5	0·15
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·26	−1·35	1	−2·7	0·15
Quetta ...	24·625	+·010	S 80 W	2·9	41·9	(g) 40·7	63·4	−0·2	74·1	35·7	−3·1	18·6	(g) 71	+7	3·3	2·86	+0·98	6	+1·0	1·66
Chaman ...	25·638	−·038	S 36 E	5·4	49·0	(d) 42·9	66·8	−1·9	79·3	45·3	+0·6	24·2	(d) 51	−7	3·6	1·06	−0·59	2	−2·5	0·77
Kalat ...	23·705	−·014	S 7 W	4·6	39·9	(f) 41·2	61·5	−0·6	70·8	34·3	+1·3	17·6	(f) 90	+23	2·4	0·81	−0·26	1	−2·2	0·64
Dalbandin ...	27·085	−·035	N 64 E	5·4	54·4	(c) 48·0	78·9	+1·9	90·2	49·8	+2·8	32·9	(c) 56	−1	4·1	0·32	−0·26	1	−1·0	0·26
Mirjawa ...	28·192	...	N 85 W	6·6	51·5	(c) 44·1	77·1	...	91·2	49·7	...	32·2	(c) 46	...	2·8	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (f) Mean of 26 days. (g) Mean of 25 days. (l) Mean of 20 days. (m) Mean of 19 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. Dry bulb.	Mean 8 h. Wet bulb.	Maximum. Mean.	Maximum. Departure from normal.	Maximum. Highest in month.	Minimum. Mean.	Minimum. Departure from normal.	Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SINDH																				
Jacobabad ...	29·766	+·005	N 72 E	4·1	70·6	56·0	90·9	+0·3	101·5	63·1	+3·3	43·7	34	−12	2·1	0·04	−0·20	0	−0·7	0·02
Hyderabad ...	29·798	−·001	N 60 W	4·0	73·9	60·5	94·6	+2·3	103·1	66·3	+2·5	46·8	42	−10	1·9	0	−0·24	0	−0·6	0
Karachi ...	29·887	−·022	N 35 W	8·5	73·5	67·1	82·3	+0·5	88·2	69·6	+2·0	58·0	70	0	3·1	0	−0·33	0	−0·7	0
RAJPUTANA, WEST																				
Bikaner ...	29·100	−·004	S 50 E	5·6	76·1	56·6	88·9	+0·2	99·0	63·0	0	49·7	37	−6	2·9	0·08	−0·18	0	−0·6	0·08
Jodhpur ...	29·085	−·010	N 65 E	2·6	72·7	56·2	93·4	+2·5	102·3	66·4	+3·7	51·4	29	−3	2·4	0	−0·09	0	−0·2	0
RAJPUTANA, EAST																				
Jaipur ...	28·461	+·011	N 89 E	3·3 (k)	72·9	56·4	90·4	+1·3	99·5	63·5	+3·0	48·6	32	−9	1·9	0·09	−0·28	0	−0·9	0·05
Ajmer (b) ...	28·268	+·009	S 2 E	3·8	73·3	56·0	89·5	+1·3	98·2	63·5	+3·2	48·0	29	−19	1·1	0	−0·19	0	−0·7	0
Kotah ...	29·620	−·025	N 47 W	2·3	75·9	58·3	93·6	−0·9	103·4	65·8	−0·1	54·6	29	−5	0·7	0	−0·12	0	−0·3	0
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·10	0	−0·3	0
GUJARAT																				
Deesa ...	29·131	0	N 66 E	5·8	75·7	60·7	97·0	+1·2	105·0	61·7 (h)	−1·1	50·1	38	−2	2·1	0	−0·08	0	−0·2	0
Bhuj ...	29·552	−·020	N 77 W	4·3	74·7	63·8	93·0	−0·1	101·0	63·7	−1·1	49·3	53	8	0·4	0	−0·12	0	−0·2	0
Dwarka ...	29·576	−·022	N 44 W	8·9	75·2	69·3	82·5	−0·6	96·1	71·0	+0·5	61·6	71	0	2·1	0	−0·20	0	−0·4	0
Rajkot ...	29·455	−·019	N 55 W	6·6	73·3	62·8	96·8	+1·9	105·1	63·6	+1·7	50·3	51	−7	3·6	0	−0·07	0	−0·1	0
Veraval ...	29·894	+·001	N 4 W (c)	7·8 (t)	72·9	65·9	84·3	−0·6	96·9	67·7	+2·2	57·3	68	−3	0·7	0	−0·07	0	−0·2	0
Surat ...	29·866	−·006	N 69 E	2·4	75·5	67·1	95·8 (b)	−0·1	102·7	68·3 (b)	+1·9	58·3	63	+1	0·7	0	−0·02	0	−0·1	0
Ahmadabad ...	29·760	−·014	N 28 W	5·8	75·1	63·9	98·1	+1·5	105·0	68·2	+1·0	52·6	51	7	0·4	0	−0·08	0	−0·3	0
CENTRAL INDIA, WEST																				
Neemuch ...	28·213	−·021	N 32 E	4·0	73·8	56·9	90·5	−0·3	98·9	61·8	+0·7	49·0	31	−8	1·7	0	−0·08	0	−0·3	0
Indore ...	28·019	−·023	N 38 W	3·6	73·5	57·8	91·3	−0·9	99·7	59·5	−1·0	46·9	35	−5	1·7	0·22	+0·16	1	+0·9	0·21
CENTRAL INDIA, EAST																				
Nowgong ...	29·127	−·008	S 28 W	1·7	68·8	59·9	92·3	−0·9	103·5	58·5	−1·8	45·2	57	+8	1·2	0·14	−0·15	0	−0·7	0·08
Sutna ...	28·821	−·002	S 78 W	2·8	73·3	61·0	91·0	+0·7	102·1	61·6	+0·1	50·8	47	+4	1·2	0·45	−0·03	1	−0·1	0·42
BERAR																				
Akola ...	28·912	−·010	N 69 W	3·0	77·6	60·4	99·7	−0·9	107·0	66·6	+0·8	55·3	32	−4	3·6	0·41	+0·04	1	+0·3	0·41
Amraoti ...	28·656	−·003	S 75 E	5·4	78·8	62·2	96·8	−0·8	103·8	69·1	0	62·7	36	0	1·1	0·08	−0·23	0	−0·8	0·08
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·821	−·011	N 71 W	4·5	74·1	58·9	97·5	0·3	104·4	64·0	−0·7	54·0	36	+1	0·8	0·50	+0·36	2	+1·6	0·31
Hoshangabad ...	28·886	+·001	N 21 E	2·8	73·2	58·9	94·7	−0·1	102·9	62·4	−1·5	49·4	40	−4	0·8	1·92	+1·67	1	+0·5	1·90
Saugor ...	28·060	−·010	N 49 E	4·1	74·0	56·3	89·5	−1·1	100·2	64·5	−0·2	53·6	29	−6	1·9	0·33	−0·02	2	+1·2	0·18
Jubbulpore ...	28·528	−·010	S 27 E	1·8	70·6	59·3	91·2	−0·6	100·8	60·4	−0·1	46·7	49	+1	1·4	0·61	+0·04	1	−0·5	0·54
Seoni ...	27·844	−·009	N 22 E	3·1	74·4	60·6	91·2	−1·1	98·2	62·5	0	52·3	43	+2	1·2	0·49	−0·18	2	+0·2	0·11
Nagpur ...	28·865	+·010	N 25 E	3·3	75·9	60·8	97·2	−0·2	101·7	66·9	−0·3	58·9	37	−2	1·6	0·28	−0·24	2	+0·7	0·12
CENTRAL PROVINCES, EAST																				
Pendra ...	27·830	−·016	N 18 W	4·0	72·4	59·9	90·7	+3·1	98·5	63·6	+1·1	51·7	47	+6	2·5	0·69	−0·65	2	−0·8	0·32
Raipur ...	28·898	0	S 62 W	2·5	77·5	62·1	96·5	+1·2	101·6	68·4	+0·4	59·2	38	−5	2·5	0·11	−0·58	0	−1·6	0·08
Kanker ...	28·559	...	S 5 E	3·5	76·2	64·6	95·0	...	99·7	64·4	...	49·2	52	...	1·5	0·84	...	2	...	0·60
Chanda ...	29·234	−·007	N 83 E	2·9	79·3	64·9	99·8	+0·6	104·6	68·5	+1·6	56·8	43	−2	0·9	0·45	−0·45	1	−0·3	0·45
Jagdalpur ...	29·072	−·005	S	2·0	73·0	65·6	94·6	+0·8	98·3	64·5	−0·5	55·7	66	+5	1·3	0·47	+0·02	3	+1·9	0·25
KONKAN																				
Bombay ...	29·857	−·013	N 45 E	6·5	77·1	71·4	86·4	+0·6	91·3	73·5	+0·3	66·9	73	−1	1·0	0	−0·07	0	−0·1	0
Ratnagiri ...	29·677	−·007	N 16 E	5·9	78·7	72·5	86·6	−0·5	91·0	72·8	+0·8	66·9	73	+5	0·1	0	−0·04	0	0	0
Marmagao ...	29·819	−·014	N 73 W	1·6	...	...	...	...	...	...	...	...	...	...	2·4	0	−0·02	0	−0·1	0
Karwar ...	29·848	−·004	N 16 W	3·1	74·6	71·6	88·2	+0·8	92·8	71·8	−0·3	67·8	86	+3	1·2	0·09	+0·09	0	0	0·09
BOMBAY DECCAN																				
Malegaon ...	28·457	−·002	S 75 W	4·3	76·4	58·3	97·8	+0·2	102·9	62·0	−1·1	48·5	29	−11	1·6	0	−0·07	0	−0·3	0
Ahmadnagar ...	27·746	−·003	N 42 W	4·8	77·1	59·0	94·9	+0·1	99·4	62·6	+0·1	50·4	30	−11	0·9	0	−0·16	0	−0·3	0
Poona ...	28·046	−·007	N 62 W	2·5	72·6	59·6	96·6	−0·5	103·1	62·6	−0·2	51·2	44	−2	0·2	0	−0·06	0	−0·2	0
Sholapur ...	28·311	+·004	N 71 E	4·9	78·8	62·0	98·2	0	105·2	68·9	−0·2	60·2	36	+3	0·7	0·53	+0·34	1	+0·6	0·53
Bijapur ...	27·947	+·010	N 29 W	4·4	78·4	61·6	96·3	−0·7	100·5	70·4	+0·3	64·4	35	−12	0·7	0·34	+0·08	2	+1·2	0·24
Belgaum ...	27·351	+·008	N 23 W	2·2	73·3	61·1	94·8	+1·1	99·9	64·3	+0·6	58·7	48	+2	1·4	0·15	−0·12	0	−0·7	0·06
HYDERABAD, NORTH																				
Aurangabad ...	27·988	−·016	N 57 E	6·5	77·9	57·5	95·8	−0·1	100·9	67·8	+1·8	56·3	24	−7	0·8	0	−0·24	0	−0·5	0
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−1·07	0	−1·3	0
Nizamabad ...	28·612	−·028	N 66 W	1·4	77·6	63·0	98·6	+0·3	110·0	69·7	+1·4	60·8	42	−5	1·0	0·07	−0·40	0	−0·9	0·07

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (k) Mean of 21 days. (t) Mean of 12 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·384	+·012	S 72 E	6·1	81·5	62·7	100·0	+0·6	103·5	69·4	−1·1	61·7	32	−12	1·5	0·50	+0·13	1	+0·3	0·43
Raichur ...	28·562	+·008	S 51 E	5·5	80·3	67·2	98·3	−0·3	102·2	72·0	−1·8	66·6	49	−2	0·7	0·85	+0·61	2	+1·5	0·45
Hyderabad ...	28·172	+·011	S 26 W	2·8	77·4	64·7	97·6	+0·9	102·5	69·8	−0·3	65·0	49	−6	3·9	4·07	+3·35	1	0	4·06
Hanamkonda ...	28·994	−·007	S 42 E	5·6	77·6	68·6	98·2	+1·1	103·2	72·0	+0·1	68·0	62	0	3·7	2·94	+2·55	2	+1·3	2·80
MYSORE																				
Chitaldrug ...	27·500	+·002	S 58 W	3·7	77·4	65·9	95·5	+0·9	100·0	70·3	+0·1	64·6	53	+4	1·2	0	−0·25	0	−0·6	0
Bangalore ...	26·920	+·001	S 22 W	5·1	73·9	64·2	92·7	+1·6	96·7	64·7	−0·1	57·0	58	−5	1·9	0·30	−0·20	1	+0·1	0·30
Mysore ...	27·398	−·007	S 45 W	1·3	73·6	67·1	94·0	+0·5	97·8	68·0	+0·6	61·7	71	+3	1·5	1·30	+0·96	2	+1·4	0·99
MALABAR																				
Mangalore ...	29·814	−·006	N 81 E	4·8	81·6	75·2	89·4	−0·3	92·2	76·0	+0·9	72·9	73	−1	1·6	1·63	−1·55	2	+1·5	1·48
Calicut ...	29·850	−·009	S 51 E	5·2	83·0	75·4	92·3	+2·5	94·0	76·2	+0·2	72·1	69	−8	1·2	0·38	−0·09	1	−0·3	0·30
Cochin ...	29·881	+·004	N 70 E	4·5	83·2	75·8	(d) 86·3	−5·0	87·8	78·0	+0·7	75·0	70	−6	2·5	1·02	0·98	2	−0·8	0·75
Trivandrum ...	29·662	−·016	N 10 E	5·3	80·9	75·3	88·5	+0·9	90·9	77·3	+0·8	71·9	76	−1	2·4	0·09	−1·53	0	−2·6	0·67
MADRAS, SOUTHEAST																				
Tinnevelly (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·44	−0·51	1	−0·9	0·44
Pamban ...	29·848	−·002	S 70 E	(c) 5·0	81·8	76·0	87·6	−1·3	90·8	76·9	+0·5	72·9	76	−1	3·4	0	−0·53	0	−1·3	0
Madura ...	29·453	+·002	N 29 E	3·4	80·5	71·9	96·3	−0·1	100·2	73·6	+0·4	64·2	64	−9	6·1	0	−0·51	0	−0·8	0
Negapatam ...	29·865	+·003	N 20 W	6·7	79·9	74·2	87·5	−1·4	91·0	75·0	−1·0	68·3	76	0	4·2	0·69	+0·35	1	−0·3	0·68
Trichinopoly ...	29·651	+·003	N 21 E	2·2	81·4	72·8	96·8	−0·9	101·2	71·8	−1·0	62·0	64	−9	2·5	0·40	−0·03	1	0·4	0·40
Coimbatore ...	28·548	−·005	N 42 E	2·4	77·1	71·6	94·1	−2·0	98·1	70·1	+0·2	63·5	76	−2	2·0	0·37	−0·11	2	−1·0	0·19
Salem ...	28·986	+·008	N 51 E	5·1	79·7	69·9	98·0	−0·5	101·7	70·6	−0·5	61·0	59	−14	0·7	0·87	+0·39	1	0·4	0·87
Cuddalore ...	29·865	+·006	S 84 W	4·7	79·1	73·7	88·1	−1·0	93·7	71·2	−1·3	62·5	77	−5	3·6	0·05	−0·12	0	−0·3	0·05
Madras ...	29·873	−·005	S 65 W	5·6	78·8	73·4	90·2	+0·4	95·5	70·9	−1·4	63·0	77	−2	2·6	1·04	+0·85	2	+1·7	0·64
MADRAS, DECCAN																				
Cuddapah ...	29·457	−·015	S 89 E	...	83·5	69·3	98·2	−3·3	102·9	73·5	−1·3	64·4	47	−12	1·4	0	−0·21	0	0·2	0
Bellary ...	28·392	−·004	N 77 W	2·4	80·1	63·5	97·5	−2·8	101·0	71·4	−0·8	61·8	37	−10	1·3	0·12	−0·08	1	+0·4	0·12
Kurnool ...	28·946	+·003	S S W	3·8	78·9	66·0	98·9	−1·5	103·0	69·9	−1·8	59·1	47	−6	1·5	0	−0·26	0	−0·6	0
MADRAS COAST, NORTH																				
Nellore ...	29·824	+·006	S 15 E	4·0	79·1	72·9	92·4	−2·5	99·3	72·2	−0·5	67·3	73	−8	2·3	0·24	+0·09	1	+0·7	0·22
Masulipatam ...	29·884	−·009	N 11 W	4·2	80·0	74·3	89·2	−1·8	94·9	71·6	−0·8	65·5	76	−6	1·2	0	−0·28	0	−0·3	0
Cocanada ...	29·854	−·027	N 32 E	4·5	80·4	74·3	91·0	−1·0	97·5	72·4	−1·3	64·7	74	−4	3·3	0	−0·46	0	−0·7	0
Vizagapatam ...	29·856	0	N 34 W	6·1	79·5	73·5	(b) 86·3	−1·0	91·3	74·5	−0·2	70·5	74	+1	1·8	0	−0·30	0	0·5	0
Calingapatam ...	29·870	−·009	N 61 W	5·5	78·1	74·0	90·4	−0·9	94·4	72·5	−0·2	68·0	82	+3	1·5	0	−0·46	0	−0·6	0
Gopalpur ...	29·832	+·012	N 86 W	7·8	79·4	73·1	87·9	+1·1	91·9	71·3	−1·8	61·0	73	−5	1·3	0	−0·54	0	−1·1	0
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN									✓			✓								
Maymyo ...	26·397	−·016	S 49 W	1·3	64·6	58·7	81·2	+0·1	87·0	51·6	+1·0	43·0	71	−1	1·8	0	−0·46	0	0·9	0
Shillong ...	25·064	−·033	S 47 W	3·9	62·1	52·1	72·4	+2·4	81·5	52·5	+1·7	38·5	50	−3	0·7	0·18	−1·75	1	−3·3	0·18
Cherrapunji ...	25·695	+·022	S 30 W	7·1	62·7	54·9	69·2	+1·4	76·6	55·8	+1·9	47·4	62	−7	4·1	7·73	−1·65	8	0·7	3·04
Darjiling ...	22·910	+·007	N 63 W	1·8	51·4	45·3	59·1	+2·6	68·2	45·4	+3·1	38·5	64	−9	3·3	0·60	−1·24	1	−2·8	0·52
Mukteswar ...	22·834	−·030	N 31 W	...	49·7	39·8	59·9	+0·4	65·2	43·7	+1·6	35·1	41	−7	3·7	1·20	−0·99	4	−0·5	0·69
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·70	−1·50	2	−4·1	0·80
Chakrata ...	23·391	+·058	N 76 E	8·1	51·1	42·3	61·6	+1·0	67·1	43·8	+0·7	38·2	49	−6	5·0	2·13	−0·93	5	−0·2	0·87
Simla ...	23·090	+·032	S 20 E	3·9	49·2	39·3	56·8	+1·6	62·1	44·4	+1·0	37·5	40	−5	4·7	1·21	−1·13	5	0	0·38
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·58	...	2	...	0·32
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·57	...	5	...	0·75
Murree ...	23·934	+·002	S 51 E	7·0	47·5 (b)	40·3 (b)	58·7	−2·6	64·0	42·3	+0·2	29·2	54	−1	5·3	4·72	−0·15	8	+0·8	1·20
Cherat ...	25·700 (p)	+·006	N 18 W	6·1	49·8	47·1 (f)	57·6	−2·8	69·9	47·6	+0·8	36·1	82 (b)	+26	4·4	5·39	+1·02	7	+0·9	1·25
Parachinar ...	24·370	−·041	N 45 W	1·9	45·9	40·9	58·2	−0·8	70·0	37·8	−0·5	26·2	55 (f)	−7	3·7	3·89	−0·65	12	+3·1	0·76
Drosh ...	25·147*	+·009	N 75 E	2·4	42·5	39·5	54·5	−3·5	66·9	39·7	0	31·1	78	+11	7·2	8·42	+5·00	14	+6·6	2·05
Mount Abu ...	26·040	+·001	N 77 W	4·9	68·9	52·8	75·6	−1·1	84·9	62·2	+1·1	45·4	31	−4	2·0	0	−0·17	0	−0·4	0
Pachmarhi ...	26·453	+·007	S 37 W	2·6	70·5	56·2	83·4	−0·7	91·2	58·4	−1·4	43·0	40	+2	3·8	0·56	+0·08	3	+1·9	0·25
Mercara ...	26·184	−·015	N 47 E	3·5	69·2	61·8	83·0	−1·5	87·8	61·6	+0·3	57·2	66	−3	3·3	3·00	+2·39	3	+1·5	2·18
Kodaikanal ...	22·809	+·005	N 47 E	6·3	59·4	48·6	69·4	+0·2	74·3	49·9	−0·6	45·5	47	−1	1·7	1·76	−0·27	3	−0·2	0·95
CEYLON																				
Colombo ...	29·853	−·003	N 45 E	2·3	74·2	72·5	88·4	−1·2	92·0	73·7	−0·8	68·6	92	+8	4·7	2·95	−1·48	4	−2·0	2·02

* Aneroid. (a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (f) Mean of 26 days. (p) Mean of 16 days.

MONTHLY WEATHER REPORT

FOR

April 1928

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WEATHER BUREAU

Supplement to the Indian Daily Weather Report for the 15th May 1928

Published by order of the Governor-General in Council

Summary.—Of the four western disturbances that entered India during the month only two were active and rainfall was in large defect over most of northwest and central India. Thunderstorms were more numerous than usual in Lower Burma and the Madras Presidency.

The first western disturbance of the month crossed the frontier on the 2nd. It lay as a low pressure area over the Punjab on the 5th and had developed there into a depression by the morning of the 7th. It gave nearly general rain or snow in Kashmir and the Punjab hills on the 5th and in the Simla-Kumaon hills on the next two days, with numerous duststorms over northwest India on the 7th. Associated with this depression a secondary one also appeared on the morning of the 7th over Central India East. The depression helped an influx of moist winds from the Bay to northeast and Central India and caused widespread rain with hail and thunderstorms in Bengal and Assam on the 6th and 9th, over the whole of northeast India on the 7th and over the belt of the country extending from the southeast Punjab to Orissa on the following day; ~~Gauhati had a heavy fall of 6″ on the 9th~~ In the meantime another western disturbance began to affect the frontier, but remained feeble till the 14th when with the approach of a fresh western disturbance it began to intensify and developed into a depression over upper Sind on the 15th. Widespread rain often associated with hail and thunderstorms occurred along the western Himalayas between the 14th and 19th and local rain along the frontier on the 15th, 17th and 18th with an extension in the plains of the Punjab on the 17th, 18th and 19th. Continuous rain during this period in Kashmir and the northwest frontier hills is reported in the newspapers to have caused a sudden rise of the Indus resulting in some damage to the Barrage works at Sukkur. The depression over the Punjab weakened on the 16th and moving eastwards through the United Provinces as a low pressure area caused fairly widespread rain in Bengal between the 16th and 18th and in Assam between the 16th and 20th. The fourth or last western disturbance of the month was rather feeble and gave only a few light thundershowers in the extreme north on the 27th and 28th, and local rain along the western Himalayas on the 29th.

2. Widespread thunderstorm rain which started in the south of the Peninsula at the close of the last month continued during the first two days of April. Kodaikanal had 3″ on the 2nd. Weather was practically dry for the next five days after which local thundershowers occurred in the extreme south till the 14th. Scattered thundershowers or dry thunderstorms occurred intermittently in the south of the Peninsula during the rest of the month, while a few falls of rain with hail or thunderstorm were reported from the Deccan during the last week.

3. During the first half of the month there were only occasional thundershowers in Tenasserim and central Burma. Weather became slightly unsettled in the neighbourhood of the Andamans and extensive rain fell in Burma between the 15th and 17th. Conditions became again disturbed in the north of the Andaman Sea on the 26th and widespread rain with locally heavy falls occurred in south Burma between the 24th and 29th and in Assam during the last four days. Several heavy falls were recorded; Amherst reported 4″ on both the 27th and 28th and 3″ on the 29th and Gauhati 4″ on the 30th.

4. The month's rainfall was more than three times the normal in the east United Provinces and in large excess in Lower Burma, Orissa, Chota Nagpur, the Madras Deccan and the Madras Coast North. It was in slight excess in the Bombay Deccan and within 20 per cent. of normal in Upper Burma, the United Provinces West, the Punjab, Kashmir, Malabar and southeast Madras and in moderate to large defect elsewhere. Averaged over the plains of India the rainfall of the month was in defect by 8 per cent.

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5. High temperature prevailed over northwest India between the 3rd and 5th, after which it became practically normal over the plains but the maximum continued to be high along the frontier. With the approach of the second western disturbance temperature began to rise again and was unusually high over the whole of northwest India between the 12th and 15th. Following the eastward passage of the disturbance temperature began to fall on the 16th and became markedly low in most of northwest India on the 19th and 20th; the cold wave had extended up to the United Provinces and Central India by the latter date. As a result of the widespread rain with hail and thunderstorm, mean temperature was also markedly low in northeast India and the United Provinces during the early half of the second week. The month's mean maximum temperature was 7° above normal in Baluchistan, higher than usual in Assam, the Punjab Southwest, the North-West Frontier Province and Sind and below normal in Chota Nagpur. The minimum was above normal in Baluchistan and below it in Central India East.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall was normal in Upper Burma and in moderate to large excess elsewhere. Skies were more clouded than usual in the Bay Islands and Lower Burma and maximum temperature was low in the Bay Islands.

Northeast India, including Orissa.—Rainfall was in large excess in Orissa and Chota Nagpur and in moderate defect elsewhere. Cloud proportion was in defect in Assam and humidity was below normal in Assam and Bihar. Maximum temperature was above normal in Assam and below it in Chota Nagpur.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in very large excess in the east United Provinces; it was nearly normal in the United Provinces West and in large defect elsewhere. Skies were less clouded than usual in the whole division and humidity was in defect in Central India West, Berar and the west Central Provinces. Minimum temperature was below normal in Central India East.

Northwest India.—The total rainfall of the month was in slight excess in the Punjab Southwest and in moderate defect in Sind; elsewhere it was in large defect except in the east and north Punjab and Kashmir where rainfall was normal. Cloud proportion was in defect except in Gujarat and the Punjab Southwest. Humidity was above normal in Kashmir and below it in Rajputana. Both maximum and minimum temperatures were markedly above normal in Baluchistan; the maximum alone was higher than usual in the Punjab Southwest, the North-West Frontier Province and Sind.

The Peninsula.—Rainfall was nearly normal in Malabar, in slight excess in the Bombay Deccan and in slight defect in southeast Madras. It was in large excess in the Madras Deccan and the Madras Coast North and in large defect elsewhere. Skies were more clouded than usual in Mysore, Malabar and southeast Madras and less clouded in north Hyderabad. Humidity was below normal in the Bombay Deccan, north Hyderabad and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports: the divisional means, Tables I and II, are based on these observations.

POONA:

The 8th May 1928.

S. C. ROY,

for *Director-General of Observatories.*

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	2·80	1·98	+0·82	+ 41	−1·0	+0·7	+ 1	+1·1
Assam ...	5·15	8·74	−3·59	− 41	+4·9	+0·8	−10	−1·5
Bengal ...	2·47	3·46	−0·99	− 29	+0·9	−0·4	− 3	−0·9
Bihar and Orissa ...	1·52	0·89	+0·63	+ 71	−0·9	−0·9	− 5	−0·3
United Provinces ...	0·63	0·33	+0·30	+ 91	−1·5	−0·8	+ 1	−0·6
Punjab ...	0·78	0·74	+0·04	+ 5	+1·2	+1·3	− 1	−0·4
North-West Frontier Province.	0·45	1·29	−0·84	− 65	+3·3	+1·2	− 1	−1·0
Sind ...	0·10	0·14	−0·04	− 29	+3·5	+1·8	− 4	−0·8
Rajputana ...	0·02	0·20	−0·18	− 90	+0·7	−0·6	− 6	−1·1
Bombay ...	0·28	0·32	−0·04	− 13	+1·0	+0·8	− 2	−0·4
Central India ...	0·03	0·16	−0·13	− 81	−0·3	−2·1	− 4	−1·3
Central Provinces ...	0·13	0·49	−0·36	− 73	+0·4	−0·9	− 5	−0·9
Hyderabad ...	0·06	0·70	−0·64	− 91	+0·9	+0·5	− 5	−0·2
Mysore ...	0·59	1·53	−0·94	− 61	+1·2	+0·9	+ 1	+1·4
Madras ...	1·74	1·47	+0·27	+ 18	−1·2	+0·6	− 1	+1·0
Mean of India ...	1·20	1·31	−0·11	− 8	+0·3	+0·1	− 3	−0·2

Sub-division.	Rainfall.				Departure from normal of				Number of rainy days.	
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.	Actual.	Departure from normal.
	"	"	"		°	°	%			
1. Bay Islands ...	3·28	2·48	+0·80	+ 32	−4·2	−0·4	+ 3	+3·1	9·0	+5·1
2. Lower Burma ...	3·87	2·35	+1·52	+ 65	−1·6	+0·3	+ 2	+2·0	6·2	+3·2
3. Upper Burma ...	1·43	1·46	−0·03	− 2	−0·2	+1·1	+ 1	+0·1	2·9	−0·4
4. Assam ...	5·15	8·74	−3·59	− 41	+4·9	+0·8	−10	−1·5	8·5	−4·0
5. Bengal ...	2·47	3·46	−0·99	− 29	+0·9	−0·4	− 3	−0·9	3·8	−0·7
6. Orissa ...	2·91	1·17	+1·74	+149	−1·7	−1·1	− 1	−0·2	2·7	+0·5
7. Chota Nagpur ...	1·68	0·89	+0·79	+ 89	−2·3	−1·7	+ 1	−0·3	2·7	+0·5
8. Bihar ...	0·32	0·67	−0·35	− 52	+0·2	−0·4	− 9	−0·4	1·2	−0·1
9. United Provinces, East...	0·88	0·25	+0·63	+252	−1·7	−0·4	− 1	−0·6	1·0	+0·4
10. Do. do. West.	0·42	0·39	+0·03	+ 8	−1·4	−1·2	+ 2	−0·7	1·1	+0·2
11. Punjab, East and North.	0·79	0·80	−0·01	− 1	+0·7	+0·9	− 3	−0·6	2·0	+0·2
12. Do. Southwest ...	0·77	0·64	+0·13	+ 20	+2·2	+1·9	+ 3	−0·1	2·0	+0·4
13. Kashmir ...	3·63	3·36	+0·27	+ 8	+0·4	+0·5	+ 9	−1·1	4·3	−1·7
14. N. W. Frontier Province.	0·45	1·29	−0·84	− 65	+3·3	+1·2	− 1	−1·0	1·0	−1·9
15. Baluchistan ...	0·19	0·79	−0·60	− 76	+7·4	+3·7	− 2	−0·6	0·7	−1·7
16. Sind ...	0·10	0·14	−0·04	− 29	+3·5	+1·8	− 4	−0·8	0·7	+0·4
17. Rajputana, West ...	0·05	0·19	−0·14	− 74	+0·9	+0·5	− 5	−0·6	0·5	−0·1
18. Do. East ...	0	0·21	−0·21	−100	+0·6	−1·3	− 7	−1·4	0	−0·5
19. Gujarat ...	0	0·04	−0·04	−100	+1·8	+1·1	− 2	−0·3	0	−0·1
20. Central India, West ...	0	0·13	−0·13	−100	−0·5	−1·1	−11	−0·9	0	−0·3
21. Do. do. East ...	0·06	0·19	−0·13	− 68	−0·2	−2·9	+ 3	−1·7	0·5	+0·1
22. Berar ...	0	0·19	−0·19	−100	+0·9	−0·5	− 5	−1·1	0	−0·6
23. Central Provinces, West.	0·02	0·27	−0·25	− 93	−0·1	−1·5	− 7	−1·1	0	−0·7
24. Do. do. East.	0·35	0·96	−0·61	− 64	+1·0	−0·2	− 1	−0·6	1·5	−0·6
25. Konkan ...	0·09	0·35	−0·26	− 74	+0·6	+1·1	+ 3	−0·5	0·5	−0·1
26. Bombay Deccan ...	0·77	0·62	+0·15	+ 24	+0·2	+0·1	− 5	−0·3	1·0	−0·5
27. Hyderabad, North ...	0·04	0·42	−0·38	− 90	+0·5	+1·1	− 9	−1·3	0·3	−0·8
28. Do. South ...	0·07	0·90	−0·83	− 92	+1·1	+0·3	− 3	+0·3	0·3	−1·5
29. Mysore ...	0·59	1·53	−0·94	− 61	+1·2	+0·9	+ 1	+1·4	2·3	−0·5
30. Malabar ...	3·69	3·43	+0·26	+ 8	−1·0	+0·4	+ 3	+1·9	5·7	+0·9
31. Madras, Southeast ...	1·13	1·41	−0·28	− 20	−1·3	+0·8	0	+1·1	2·6	+0·3
32. Do. Deccan ...	1·24	0·59	+0·65	+110	−1·7	+0·3	− 9	+0·3	1·3	−0·1
33. Do. Coast North ...	1·60	0·70	+0·90	+129	−0·8	+0·6	0	+0·6	2·2	+0·9

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair (c) ...	29·757	−·032	N 67 W	(d) 2·7	81·5	77·6	88·0	−4·2	90·1	78·3	−0·4	75·5	84	+3	7·2	3·28	+0·80	9	+5·1	0·82
LOWER BURMA																				
Victoria Point ...	29·683	−·026	N 82 E	4·9	81·6	77·5	87·6	−2·8	93·6	77·2	0	74·2	83	+2	6·3	9·02	+5·14	10	+3·4	3·40
Mergui ...	29·774	−·015	...	...	79·5	77·2	89·7	−2·2	94·3	73·9	−0·5	71·8	90	+8	7·4	7·97	+2·69	14	+7·9	1·66
Tavoy ...	29·819	−·029	N 34 E	2·0	79·4	75·9	92·1	−1·8	96·9	73·1	−1·4	70·4	85	+2	7·0	9·26	+6·63	16	+12·3	1·78
Amherst ...	29·764	...	S 45 E	6·2	81·7	78·5	90·3	...	95·1	77·0	...	73·3	87	...	7·7	15·73	...	11	...	4·25
Rangoon ...	29·802	−·026	S 66 W	3·5	81·4	77·1	94·6	−3·4	100·0	77·0	+0·9	73·5	82	+2	8·5	4·46	+2·83	6	+4·3	1·88
Bassein ...	29·790	−·026	N 1 W	2·9	83·9	77·3	95·4	−0·8	102·8	76·3	+0·5	73·9	74	−4	5·3	1·54	+0·48	2	+0·6	1·19
Diamond Island ...	29·867	−·041	N 43 W	5·5	83·4	78·5	87·4	−0·8	90·1	80·2	+1·4	75·0	77	+3	5·0	1·31	+0·46	3	+2·1	0·64
Toungoo ...	29·619	−·051	...	...	83·8	76·5	98·6	−1·7	102·6	77·5	+1·5	71·2	71	−1	4·3	1·20	−0·65	5	+2·4	0·39
Kyaukpyu ...	29·786	−·037	N 9 E	2·2	84·5	81·6	89·5	−0·5	91·7	77·1	+1·7	71·5	88	+10	4·6	0	−1·49	0	−1·8	0
Akyab ...	29·790	−·030	N 33 E	(f) 7·2	83·1	76·5	91·0	−0·3	97·2	74·1	−1·2	69·3	73	−8	3·1	0·09	−1·98	0	−2·1	0·09
UPPER BURMA																				
Minbu ...	29·609	−·031	S 48 E	3·6	85·3	75·1	101·3	−1·3	106·3	78·2	+1·2	71·4	61	+1	1·7	0·37	−0·40	2	+0·8	0·21
Yamethin ...	29·157	−·006	...	...	82·5	74·4	98·0	−2·9	102·2	75·8	−0·3	67·1	67	+3	3·3	2·31	+0·81	4	+1·6	0·83
Mandalay ...	29·536	−·015	S 20 E	2·9	83·9	73·7	100·3	−2·1	105·0	77·4	+0·1	69·9	60	+5	1·9	2·99	+1·87	3	+0·8	1·38
Monywa (c) ...	29·521	−·019	N 31 E	(d) 2·6	84·6	72·4	102·4	+1·2	106·8	77·0	+2·1	71·9	54	−3	2·5	0·44	−0·36	1	−0·8	0·37
Lashio ...	27·041	−·005	S	1·9	71·0	64·3	87·7	−1·3	93·7	62·1	−0·3	52·5	69	0	4·1	0·85	−1·33	3	−1·7	0·33
Bhamo ...	29·416	−·022	N 20 E	2·0	75·7	69·9	96·5	+4·0	102·1	69·6	+3·1	62·4	74	−3	4·7	1·05	−0·84	3	−1·8	0·64
Myitkyina ...	29·329	−·017	N 34 E	2·4	73·8	68·6	89·4	+1·1	98·5	68·6	+2·0	64·4	76	+1	4·1	2·00	+0·04	4	−1·5	0·80
ASSAM																				
Dibrugarh ...	29·482	−·009	S 85 E	1·4	74·4	69·0	86·8	+7·2	95·7	66·8	+1·4	60·9	76	−13	4·8	5·88	−4·20	10	−4·3	1·15
Sibsagar ...	29·505	0	N 45 E	1·8	73·0	69·0	86·7	+5·5	94·7	66·9	+1·0	61·2	81	−9	9·2	3·78	−6·33	8	−6·4	1·98
Tezpur ...	29·570	−·001	N 74 E	1·5	74·8	70·0	89·5	+6·1	95·1	68·6	+1·5	62·8	78	−6	2·8	8·72	+2·53	10	−1·9	2·30
Gauhati ...	29·633	+·003	N 32 E	1·6	77·0	69·9	90·3	+4·3	98·6	67·3	+0·1	61·7	69	−13	2·2	4·95	−1·66	8	−3·8	0·95
Dhubri ...	29·675	−·005	S 85 E	6·1	77·1	70·1	90·3	+2·8	99·4	70·1	+0·3	64·5	70	−9	2·1	5·04	−0·10	8	−0·1	1·13
Silchar ...	29·729	−·008	S 79 E	2·0	77·1	71·0	90·9	+3·2	95·8	69·2	+0·4	64·2	73	−11	4·1	2·53	−11·80	7	−7·5	0·85
BENGAL																				
Cox's Bazar ...	29·775	−·022	S	1·6	83·3	81·5	88·3	+0·3	92·7	73·3	+1·1	68·6	93	+10	2·1	0·04	−5·09	0	−5·1	0·04
Chittagong ...	29·728	−·012	S 78 E	7·5	81·0	74·7	91·4	+2·8	98·4	73·8	+0·8	67·7	74	−7	3·4	1·64	−3·83	3	−2·7	1·10
Narayanganj ...	29·769	0	S 24 W	3·5	80·1	74·8	93·7	+1·7	102·1	73·3	−0·7	64·0	77	−5	4·4	1·91	−3·57	4	−2·8	0·81
Barisal ...	29·788	+·006	S 20 W	1·7	81·9	76·5	93·3	+1·8	100·5	74·7	+0·2	65·3	77	−5	4·1	1·88	−2·90	5	−0·8	0·50
Jessore ...	29·757	+·009	S 31 W	1·3	81·2	77·3	96·8	+0·7	106·1	73·6	−1·0	63·5	83	+2	3·8	3·33	−0·33	5	0	1·29
Calcutta ...	29·758	+·007	S 11 E	4·1	80·8	76·1	95·9	+0·4	104·7	75·7	0	66·7	80	+1	3·6	3·20	+1·31	5	+1·8	1·68
Saugor Island ...	29·775	+·008	S 30 W	14·6	83·7	77·7	88·7	−1·4	97·7	78·3	−1·0	66·5	75	−6	4·3	1·44	+0·30	4	+1·9	0·52
Burdwan ...	29·666	+·003	S 3 W	2·2	79·9	73·1	100·1	+0·5	108·8	73·4	−1·7	65·0	72	−2	2·7	2·05	−0·06	3	−0·5	1·63
Berhampore ...	29·702	+·004	S	3·3	82·3	72·5	100·3	+1·3	109·6	72·6	−1·5	64·2	62	−11	3·0	1·51	+0·11	2	−0·7	1·35
Mymensingh ...	29·740	+·001	S 86 E	2·2	77·4	72·6	92·1	+1·9	100·6	70·6	−1·0	63·3	78	−3	4·3	4·86	−0·89	7	−0·2	1·19
Bogra ...	29·722	+·019	S 80 E	2·2	79·9	72·4	96·2	+1·1	105·7	70·2	−1·2	63·2	69	−8	4·0	1·15	−1·12	2	−1·7	0·78
Dinajpur ...	29·663	+·017	N 86 E	2·9	78·6	71·4	92·6	−1·3	103·8	70·5	+0·8	59·3	70	−2	2·7	4·50	+2·36	4	+0·9	1·71
Jalpaiguri ...	29·500	−·014	N 68 E	1·3	76·3	69·9	91·0	+1·9	97·8	67·9	−0·1	58·1	71	−6	3·1	4·65	+0·92	6	+0·4	1·85
ORISSA																				
Balasore ...	29·710	+·004	S 40 W	3·5	82·8	75·4	(c) 96·3	−0·4	103·7	76·0	+0·3	65·2	71	−4	2·6	2·78	+0·72	3	−0·9	0·97
Hukitala (False Point)	29·761	−·001	S 62 W	11·6	...	...	...	...	...	...	...	...	...	...	5·7	2·75	+1·95	3	+1·5	1·86
Cuttack ...	29·706	+·003	S 38 W	2·4	83·0	77·5	98·8	−2·5	105·6	76·6	−1·1	66·2	77	+2	3·5	4·27	+3·12	3	+1·1	2·39
Sambalpur ...	29·280	−·009	S 56 E	2·0	84·6	(c) 70·8	100·9	−2·3	107·8	72·7	−2·5	65·5	(c) 50	−1	1·5	1·82	+1·17	2	+0·4	1·66
CHOTA NAGPUR																				
Chaibasa ...	29·024	+·002	S 40 W	2·8	82·2	72·1	99·9	−2·2	108·9	72·5	−1·6	61·7	61	+3	1·8	1·79	+0·55	3	+0·5	0·93
Ranchi ...	27·642	+·011	S 76 W	3·4	79·1	62·7	93·4	−2·5	101·9	70·0	−1·7	56·2	40	−2	1·5	1·38	+0·43	3	+0·6	0·90
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·86	+1·37	2	+0·5	1·44

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (f) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·641	0	N 84 E	3·1	78·9	68·4	96·5	+0·3	107·2	68·1	-1·5	57·6	57	-11	1·8	0·67	-0·55	1	-0·9	0·56
Darbhanga ...	29·585	-·002	S 85 E	2·6	80·7	67·5	97·3	+1·5	106·4	69·9	-0·8	59·9	55	-9	1·6	0·10	-0·62	1	-0·5	0·10
Patna ...	29·573	+·016	N 75 E	4·9	81·7	66·3	98·6	-0·4	107·6	73·7	+0·4	63·6	43	-8	1·4	0·03	-0·27	0	-0·6	0·03
Gaya ...	29·376	+·005	S 2 W	1·7	85·1	66·3	102·1	-0·2	110·9	74·4	-0·7	63·4	35	-14	0·5	0·47	+0·25	1	+0·4	0·47
Naya Dumka ...	29·278	+·015	N 45 E	2·8	83·5	70·6	99·4	-0·1	108·8	74·3	+0·6	64·1	52	1	2·1	0·35	-0·55	3	+1·0	0·12
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·502	+·021	E	2·6	82·2	66·4	99·5	+0·1	107·2	70·0	-1·5	63·4	41	-11	0·8	0·02	-0·38	0	-0·8	0·02
Benares ...	29·485	-·012	S 24 W	4·5	83·1	66·4	99·6	-2·5	108·1	70·8	-0·6	63·1	39	-7	1·0	1·36	+1·19	1	+0·6	1·36
Allahabad ...	29·428	-·008	S 68 W	5·1	83·9	67·8	101·4	-1·4	109·8	72·0	0	63·3	41	+5	0·7	0·81	+0·66	1	+0·6	0·76
Cawnpore ...	29·316	-·010	S 37 E	2·8	83·1	68·3	100·2	-0·9	108·8	71·2	-0·3	61·5	45	+5	0·3	1·26	+1·05	2	+1·5	1·02
Lucknow ...	29·359	-·014	N 14 W	1·6	82·3	67·2	98·7	-2·8	109·2	70·4	-0·3	61·3	43	+5	1·2	0·66	+0·40	1	+0·4	0·66
Bahraich ...	29·331	+·007	S 36 E	2·5	80·1	66·7	96·1	-2·4	105·3	69·5	+0·3	59·4	47	-2	1·3	1·16	+0·84	1	+0·3	1·06
UNITED PROVINCES, WEST																				
Jhansi ...	28·933	-·016	S 55 W	3·4	85·5	62·7	101·7	-1·3	109·2	72·2	-3·9	62·8	22	-12	0·2	0	-0·15	0	-0·6	0
Agra ...	29·184	-·016	S 77 W	5·5	82·2	63·5	100·0	-1·7	108·2	67·7	-0·1	57·6	32	+8	0·5	0	-0·24	0	-0·7	0
Mainpuri ...	29·220	-·008	N 89 W	2·9	84·1	67·4	100·6	-0·3	109·6	68·0	-1·6	57·8	39	-1	0·8	0·25	-0·10	1	+0·3	0·25
Bareilly ...	29·175	+·012	N 49 E	2·9	77·9	68·2	96·3	-1·8	106·1	68·8	0	58·6	60	+11	1·6	0·29	-0·02	1	+0·3	0·29
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·72	+0·29	2	+1·2	0·36
Roorkee ...	29·836	-·001	N 34 E	3·5	76·7	64·1	94·1	-1·9	103·9	65·0	-0·3	53·5	48	+5	1·7	0·84	+0·34	2	+0·8	0·61
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·82	+0·08	2	+0·3	0·48
PUNJAB, EAST AND NORTH																				
Delhi ...	29·037	+·007	S 71 W	3·5	78·2	63·7	96·9	-1·0	105·0	73·6	+0·8	62·5	43	+3	0·6	0·63	+0·24	2	+1·2	0·36
Hissar ...	29·008	-·016	S	4·2	78·6	64·1	99·9	+1·0	108·4	68·2	+0·7	54·5	42	0	0·9	0·20	-0·19	1	+0·2	0·11
Ambala ...	29·835	-·009	N 56 E	4·3	78·6	63·3	97·8	+2·3	108·5	68·4	+2·7	57·7	40	-8	2·1	0·55	-0·03	2	+0·3	0·28
Ludhiana ...	28·921	-·007	S 83 E	2·6	78·2	63·0	96·5	+1·0	107·5	66·2	-0·6	54·4	40	-6	1·7	0·41	-0·44	1	-0·5	0·39
Lahore ...	29·027	-·016	N 14 E	2·0	76·6	65·6	95·2	-0·5	107·5	66·7	+2·1	53·4	54	+3	3·3	0·73	+0·19	2	+0·4	0·33
Sialkot (c) ...	28·902	-·015	N 58 E	(p) 2·2	76·2	63·4	93·1	+0·2	104·5	64·6	-0·4	50·0	48	-5	2·2	1·05	+0·11	2	-0·1	0·80
Rawalpindi ...	28·094	-·011	N 31 E	3·1	73·1	60·9	87·9	+1·6	99·9	59·9	+0·8	47·4	49	-7	2·0	1·96	+0·02	4	+0·1	0·91
PUNJAB, SOUTHWEST																				
Khushab ...	29·143	-·010	N 73 E	4·7	77·9	67·4	94·8	+2·2	104·4	67·7	+1·0	51·7	58	+15	2·8	0·40	-0·65	1	-1·4	0·40
Lyallpur ...	29·131	-·028	S 73 E	2·6	76·3	63·3	94·5	+2·9	105·5	66·4	+3·7	53·6	48	-5	4·3	0·86	-0·02	3	+0·9	0·39
Montgomery ...	29·167	-·024	S 49 E	3·4	78·1	64·5	95·7	+0·5	107·3	67·9	+1·1	52·4	46	+8	2·0	1·65	+1·29	3	+2·0	0·60
Multan ...	29·328	-·004	E	2·3	79·1	64·5	100·5	+3·2	112·2	70·6	+2·0	56·7	43	-5	0·9	0·15	-0·12	1	+0·1	0·15
Khanpur ...	29·443	...	S 82 E	(d) 2·3	81·9	69·0	102·8	...	111·2	65·5	...	50·7	51	...	1·0	2·00	...	1	...	2·00
KASHMIR																				
Srinagar ...	24·890	+·022	S 41 E	3·5	55·2	50·9	68·1	+2·2	79·7	46·6	+1·7	38·9	75	-8	3·9	5·77	+1·98	7	-1·1	1·81
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·18	+0·11	10	-3·2	2·92
Dras (d) ...	20·855	+·074	Calm	0·1	24·5	...	35·7	-6·6	42·7	17·1	-2·6	-2·8	90	...	3·7	3·95	-0·01	4	-4·5	2·59
Leh ...	19·733	+·057	S 11 E	2·1	39·0	(o) 33·5	56·9	+1·3	64·9	31·1	+0·9	19·6	(o) 56	+7	4·7	0·30	+0·07	2	-0·8	0·08
Skardu ...	22·901	+·052	Calm	(c) 2·0	(p) 48·3	(p) 44·3	(c) 63·5	+1·4	73·4	(c) 43·4	+1·1	35·1	(p) 74	+17	4·6	1·12	-0·01	3	+0·2	0·79
Gilgit ...	25·067	-·049	S 45 W	0·6	59·7	54·5	76·1	+3·9	85·8	54·2	+1·5	45·8	72	+20	4·2	0·45	-0·53	2	-0·7	[illegible]
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·677	-·024	S 45 W	0·3	71·1	64·5	89·0	+3·6	98·4	62·3	+2·2	51·2	69	+7	2·5	0·66	-1·19	1	-3·0	0·51
Dera Ismail Khan ...	29·187	-·010	N 45 E	1·6	79·1	66·3	95·8	+3·0	106·0	65·4	+0·2	52·3	49	-8	1·7	0·25	-0·49	1	-0·7	0·25
BALUCHISTAN																				
Fort Sandeman ...	25·359	+·019	N	2·3	62·7	51·4	87·4	+7·5	95·3	57·4	+4·0	44·5	45	-10	1·9	0·43	-0·96	1	-3·3	0·35
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	-1·18	1	-1·8	0·32
Quetta ...	24·627	+·032	N 45 W	2·0	55·9	47·0	81·2	+7·5	89·4	45·7	+0·1	36·0	52	-2	1·6	0·18	-0·85	1	-1·9	0·13
Chaman ...	25·622	-·020	S 36 E	5·7	67·3	52·3	86·3	+9·5	94·1	61·1	+7·0	51·2	34	-17	2·1	0	-0·68	0	-1·9	0
Kalat ...	23·728	+·016	N 45 W	3·3	52·0	50·3	76·8	+4·1	83·9	42·7	+4·3	33·0	90	+34	1·3	0·16	-0·38	1	-0·6	0·14
Dalbandin ...	27·031	-·015	E	4·2	69·8	53·5	96·4	+8·3	103·5	60·5	+3·1	49·5	29	-16	2·1	0	-0·30	0	-0·7	0
Mirjawa ...	27·083	...	N 63 W	6·9	67·7	53·8	93·6	...	102·9	63·7	...	51·8	37	...	1·7	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (o) Mean of 17 days. (p) Mean of 16 days. ‡ Mean of 5 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·558	−·008	S 65 E	3·2	83·4	65·2	104·8	+4·8	114·9	71·8	+1·9	60·5	35	−8	0·8	0·31	+0·11	2	+1·5	0·19
Hyderabad ...	29·668	−·009	S 30 W	5·4	82·5	69·6	104·5	+2·9	111·0	73·3	+1·3	68·0	50	0	0·1	0	−0·05	0	−0·1	0
Karachi ...	29·785	−·012	N 75 W	9·4	80·2	74·2	87·7	−2·9	97·2	75·9	+2·1	66·3	75	3	2·5	0	−0·17	0	−0·2	0
RAJPUTANA, WEST																				
Bikaner ...	28·978	−·001	S 61 W	2·9	81·1	63·1	98·9	−1·0	107·0	73·6	−0·4	60·5	33	−6	1·5	0·10	−0·32	1	+0·4	0·10
Jodhpur ...	28·988	−·012	S 32 W	3·2	83·0	62·8	102·9	+2·7	108·5	73·8	+1·3	67·6	27	−3	1·1	0	−0·15	0	−0·5	0
RAJPUTANA, EAST																				
Jaipur ...	28·340	−·005	N 42 W	3·3	83·8	62·7	100·6	+0·8	107·5	69·5	−0·8	59·3	27	5	0·6	0	−0·17	0	−0·5	0
Ajmer ...	28·135	+·006	S 70 W	5·2	83·1	62·0	98·5	+0·6	105·9	69·4	−2·4	58·1	26	−12	0·4	0	−0·17	0	−0·4	0
Kotah ...	28·917	−·021	N 67 W	2·8	88·1	63·9	102·1	0·3	109·8	75·8	−0·7	67·6	21	−4	0·4	0	−0·33	0	−0·7	0
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·16	0	−0·3	0
GUJARAT																				
Deesa ...	29·318	+·018	N 66 W	6·1	84·1	68·1	105·9	+2·3	110·7	70·9	−0·4	61·6	42	−1	1·0	0	−0·03	0	−0·1	0
Bhuj ...	29·451	−·025	N 71 W	6·1	82·6	69·3	101·5	+1·6	110·4	71·0	−0·3	62·9	49	−11	0·3	0	−0·07	0	−0·1	0
Dwarka ...	29·777	−·035	N 77 W	9·3	81·1	75·3	86·6	+1·8	98·9	77·1	+0·9	69·9	76	4	1·2	0	−0·05	0	−0·1	0
Rajkot ...	29·355	−·036	N 71 W	7·6	80·8	69·8	101·1	+2·4	108·0	71·1	+1·8	66·0	57	−6	4·5	0	−0·03	0	−0·1	0
Veraval ...	29·811	−·013	N 49 W	8·9	80·0	72·9	87·3	+1·4	98·1	74·9	+2·7	67·5	71	−3	1·9	0	0	0	0	0
Surat ...	29·785	−·012	S 47 W	3·4	84·1	75·8	100·8	+1·3	108·5	75·4	+2·2	71·1	68	+5	1·3	0	−0·01	0	0	0
Bhavnagar ...	29·755	−·011	N 45 W	4·3	83·2	70·8	104·0	+2·3	110·6	74·2	+0·3	68·5	53	−3	1·1	0	−0·10	0	−0·2	0
Ahmadabad ...	29·675	+·016	N 31 W	6·1	83·8	72·0	105·8	+1·5	110·6	75·7	+1·3	72·1	55	+6	1·0	0	−0·03	0	−0·1	0
CENTRAL INDIA, WEST																				
Neemuch ...	28·172	−·011	W	4·3	84·6	62·9	99·2	−0·3	105·9	70·8	−0·2	63·0	26	−9	0·6	0	−0·12	0	−0·3	0
Indore ...	27·968	−·027	N 10 W	4·0	84·1	62·9	99·3	−0·6	104·9	67·7	−2·1	58·6	27	−12	0·8	0	−0·14	0	−0·3	0
CENTRAL INDIA, EAST																				
Nowgong ...	29·012	+·006	S 73 W	2·3	81·1	67·5	101·2	−0·6	109·7	67·3	−3·6	56·2	47	+11	0·4	0	−0·19	0	−0·3	0
Sutna ...	28·714	+·001	S 62 W	3·4	86·2	64·2	100·7	+0·2	109·1	69·3	−2·3	60·6	26	−5	0·7	0·12	−0·08	1	+0·6	0·12
BERAR																				
Akola ...	28·843	−·023	N 23 E	4·0	87·5	63·4	107·6	+2·0	113·5	73·4	−1·3	62·5	20	−9	1·2	0	−0·16	0	−0·5	0
Amraoti ...	28·556	−·019	N 16 W	5·4	88·5	67·1	101·3	−0·3	110·0	76·5	+0·3	70·9	31	−1	0·4	0	−0·22	0	−0·7	0
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·723	−·029	N 59 W	5·0	85·2	65·1	105·7	+1·1	112·2	72·8	−2·3	63·4	30	+1	0·2	0	−0·10	0	−0·3	0
Hoshangabad ...	28·782	−·002	N 1 W	2·7	84·2	61·7	103·9	+0·1	110·9	70·7	−2·6	60·4	22	−13	0·4	0	−0·13	0	−0·3	0
Saugor ...	27·971	−·009	S 74 E	3·9	85·4	60·3	98·5	−1·7	107·2	72·3	−0·9	59·4	18	−9	1·2	0·08	−0·07	0	−0·4	0·08
Jubbulpore ...	28·427	−·017	S 41 W	1·8	81·6	62·7	100·6	−0·2	107·9	68·2	−2·0	58·5	33	−3	0·4	0	−0·25	0	−0·7	0
Seoni ...	27·756	−·018	N 11 E	3·5	85·4	(d) 63·6	99·6	−0·4	105·6	70·5	−0·1	61·5	(d) 27	−7	0·7	0·05	−0·41	0	−1·3	0·05
Nagpur ...	28·755	−·007	N 23 W	3·2	86·9	63·5	104·8	0	110·2	74·5	−1·2	66·7	22	−12	0·8	0	−0·56	0	−1·3	0
CENTRAL PROVINCES, EAST																				
Pendra ...	27·732	−·029	S 41 W	4·2	82·6	(c) 63·5	98·2	+1·6	104·2	71·5	+0·1	61·5	(c) 32	+1	1·3	0·43	−0·42	2	+0·1	0·31
Raipur ...	28·790	−·014	N 49 E	2·9	86·8	65·6	103·5	+0·5	108·7	75·3	−1·0	69·4	27	−11	1·7	0·15	−0·49	1	−0·5	0·15
[illegible] (c) ...	28·462	...	N 82 W	(d) 3·7	87·8	69·5	101·1	...	105·5	72·7	...	62·7	39	...	1·3	0·24	...	1	...	0·19
Chanda ...	29·119	−·031	S 16 E	1·5	88·4	69·4	107·7	+1·8	111·8	75·6	−0·4	67·8	35	−6	0·8	0·14	−0·52	1	−0·6	0·14
Jubbulpur ...	27·990	−·022	S 35 W	2·7	81·6	73·6	98·9	+0·2	103·7	72·6	+0·6	65·1	68	+11	1·8	0·67	−1·01	2	−1·4	0·41
KONKAN																				
Bombay ...	29·789	−·021	N 40 E	6·2	82·7	76·7	90·8	+2·1	93·9	77·7	+0·3	75·0	76	+1	2·7	0	−0·05	0	−0·1	0
Ratnagiri ...	29·614	−·018	N 19 W	(c) 5·9	83·2	77·9	88·8	−0·6	91·2	79·5	+2·6	76·2	78	+8	1·5	0·14	+0·06	0	−0·3	0·08
Marmagao ...	29·765	−·018	N 60 W	1·9	...	...	...	...	...	...	...	...	...	...	4·5	0·12	−0·63	1	+0·1	0·12
Karwar ...	29·785	−·013	N 37 W	3·9	81·7	76·2	89·6	+0·2	91·9	77·8	+0·5	74·9	77	−1	1·7	0·10	−0·42	1	+0·1	0·10
BOMBAY DECCAN																				
Malegaon ...	28·376	−·012	N 69 W	5·5	87·0	66·2	103·5	+0·1	107·4	70·5	−0·7	62·5	30	−9	0·6	0	−0·11	0	−0·3	0
Ahmadnagar ...	27·682	−·012	N 22 W	5·2	85·1	62·8	100·2	+0·5	103·3	69·7	+0·2	58·5	24	−17	1·0	0·64	+0·33	1	0	0·56
Poona ...	27·980	−·016	N 69 W	4·0	80·3	65·1	100·5	−0·6	105·5	69·4	+0·5	57·4	43	0	0·7	1·09	+0·52	1	−0·3	1·06
Sholapur ...	28·227	−·017	N 17 E	3·9	85·2	67·7	103·1	+0·4	106·8	75·6	+0·3	69·7	39	−8	1·5	0·10	−0·34	1	0	0·10
Bijapur ...	27·859	−·020	N 60 W	4·5	82·9	68·9	100·6	−0·2	103·7	74·4	−0·1	67·5	48	−2	2·7	0·13	−0·57	1	−0·9	0·13
Belgaum ...	27·293	−·007	N 81 W	2·9	76·6	66·6	97·0	+1·0	100·6	67·8	+0·7	63·2	59	+1	1·9	2·69	+1·09	2	−1·3	2·20
HYDERABAD, NORTH																				
Aurangabad ...	27·917	−·023	N 64 W	8·5	86·4	61·6	101·6	0	105·2	74·7	+1·6	65·2	20	−10	0·7	0	−0·24	0	−0·6	0
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·23	0	−0·9	0
Nizamabad ...	28·515	−·038	S 77 W	2·0	86·7	68·5	104·8	+1·0	108·5	76·7	+0·5	66·3	38	−7	0·5	0·13	−0·67	1	−0·8	0·10

(a) Reports only rainfall. (c) Mean of 29 days. (d) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·299	−·006	N 86 W	6·6	86·8	67·5	105·1	+1·4	108·0	76·6	+0·3	71·3	35	−12	1·9	0·13	−0·79	1	−1·1	0·10
Raichur ...	28·466	−·025	N 64 W	5·1	85·5	71·5	105·6	+2·9	110·5	77·7	−1·3	71·0	51	0	1·3	0·06	−0·64	0	−1·3	0·03
Hyderabad ...	28·086	−·010	S 7 E	2·8	83·3	70·7	100·7	−0·5	106·3	76·5	+0·3	66·4	53	0	2·2	0	−1·05	0	−1·9	0
Hanamkonda ...	28·901	−·023	S 44 E	6·6	84·3	73·6	102·2	+0·5	107·8	79·1	+1·9	74·5	60	−1	4·8	0·10	−0·83	0	−1·7	0·07
MYSORE																				
Chitaldrug ...	27·445	−·005	S 78 W	4·2	79·1	69·8	98·6	+1·6	101·5	73·3	+0·8	68·7	62	+1	2·3	0·37	−0·55	1	−0·9	0·12
Bangalore ...	26·866	−·009	S 65 W	5·0	77·5	69·7	95·4	+1·9	99·6	70·4	+1·0	65·1	67	−3	5·4	0·39	−0·94	1	−1·3	0·23
Mysore (c) ...	27·344	−·017	S 78 W	(d) 1·6	76·4	71·1	94·7	0	100·2	71·1	+0·9	66·9	77	+4	6·0	1·02	−1·32	5	+0·7	0·34
MALABAR																				
Mangalore ...	29·758	−·013	N 25 E	5·3	84·3	77·7	90·4	−1·6	92·1	79·2	+0·9	71·6	73	+3	4·2	3·38	+2·10	2	0	3·10
Calicut ...	29·788	−·022	N 25 W	6·9	83·6	77·6	92·1	+1·3	94·2	78·2	−0·1	74·3	75	−2	7·0	3·10	−0·18	7	+2·9	0·90
Cochin ...	29·817	−·014	N 50 E	5·9	83·8	78·6	(g) 87·6	(g) −3·8	91·3	78·8	+0·2	72·3	79	+3	5·9	5·44	+0·73	8	+1·7	2·30
Trivandrum ...	29·602	−·030	N 25 W	5·8	81·9	78·5	88·1	+0·1	89·3	78·7	+0·5	74·8	85	+6	7·5	2·83	−1·64	6	−0·8	0·87
MADRAS, SOUTHEAST																				
Tinnevelly (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·91	−1·58	3	−0·9	0·43
Pamban ...	29·764	−·023	S 17 E	6·0	85·4	81·0	90·4	−0·8	93·8	81·4	+2·0	77·9	82	+5	4·0	0·15	−1·47	1	−2·1	0·15
Madura ...	29·351	−·014	N 1 E	2·8	84·5	76·8	98·4	−0·7	104·1	78·2	+1·2	70·8	69	−2	7·2	1·35	−0·68	3	+0·1	0·93
Negapatam ...	29·777	−·019	S 27 W	6·6	85·2	78·9	91·1	−1·6	103·2	80·8	+1·3	76·1	75	0	5·5	0·29	−0·28	1	+0·1	0·24
Trichinopoly ...	29·556	−·021	S 65 W	2·5	86·2	77·6	99·1	−2·0	105·1	78·0	+0·2	71·1	67	−1	4·9	2·29	+0·64	3	+1·2	1·24
Coimbatore ...	28·473	−·020	S 10 E	2·4	80·3	76·2	93·7	−3·6	98·0	73·8	+0·3	70·0	83	+4	3·4	2·01	+0·57	6	+3·3	0·80
Salem ...	28·909	−·006	S 45 W	3·8	82·0	75·7	98·3	−2·5	106·1	76·2	−0·2	69·0	74	+2	4·1	3·15	+1·36	6	+2·6	1·40
Cuddalore ...	29·773	−·016	S 20 W	6·0	85·9	78·9	92·4	−0·4	105·1	78·6	+1·1	74·2	73	−5	5·3	0	−0·60	0	−1·0	0
Madras ...	29·772	−·033	S 28 W	6·5	85·1	78·5	94·0	+0·9	105·9	78·2	+0·7	73·9	74	−1	4·6	0·06	−0·47	0	−0·7	0·06
MADRAS, DECCAN																				
Cuddapah ...	29·354	−·019	N 1 W	...	88·5	74·7	102·6	−2·8	108·6	80·6	−0·2	71·2	51	−5	3·2	2·54	+2·09	2	+1·1	2·10
Bellary ...	28·317	−·019	N 70 W	3·6	85·5	68·0	101·6	−2·0	105·0	78·3	+1·1	75·2	37	−13	2·2	0·55	−0·21	1	−0·8	0·50
Kurnool ...	28·857	−·019	S 70 W	4·5	87·1	72·2	103·7	−0·3	107·2	78·9	+0·1	73·1	46	−8	2·6	0·63	+0·07	1	−0·6	0·52
MADRAS COAST, NORTH																				
Nellore ...	29·719	−·021	S 9 E	5·3	85·6	78·7	97·7	−2·1	109·2	78·6	+1·3	69·8	73	−2	3·5	0	−0·36	0	−0·4	0
Masulipatam ...	29·787	−·027	S 11 W	4·9	84·8	79·1	92·3	−2·3	101·5	78·5	+0·9	70·6	77	−3	4·6	4·32	+3·70	2	+1·1	3·66
Cocanada ...	29·781	−·023	S 70 W	4·6	84·5	78·7	95·0	−1·1	103·0	77·6	−0·9	71·1	76	0	...	1·12	+0·56	3	+2·1	0·54
Vizagapatam ...	29·757	−·019	N 69 W	8·5	84·1	78·0	89·5	−0·2	94·5	78·8	+0·5	70·9	75	+4	5·4	1·93	+1·22	4	+2·4	0·90
Calingapatam ...	29·774	−·019	S 68 W	8·3	85·1	73·3	92·5	−0·6	95·2	79·0	+1·1	68·0	77	0	3·7	0·34	−0·82	1	−0·9	0·27
Gopalpur ...	29·729	+·002	S 41 W	8·9	83·6	79·4	89·6	+1·7	92·1	77·6	+0·5	67·3	82	0	2·0	1·88	+1·09	3	+1·4	1·20
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN																				
Maymyo ...	26·354	−·024	S 30 W	1·0	72·4	66·5	83·4	−0·4	86·8	60·2	+1·2	53·6	74	+4	4·1	4·11	+2·02	6	+2·7	1·78
Shillong ...	25·081	+·016	S 30 W	3·6	66·5	57·5	75·2	+1·9	83·5	55·5	−0·8	49·2	59	−3	1·5	5·39	+0·61	11	+0·9	1·70
Cherrapunji ...	25·666	+·028	S 46 E	(d) 5·9	67·6	59·9	73·2	+3·0	81·0	60·1	+2·5	50·4	65	−19	6·1	7·71	−20·48	8	−9·6	2·04
Darjiling ...	22·925	+·022	N 1 W	3·1	56·7	51·6	64·4	+1·9	69·1	50·2	+1·8	44·4	73	−5	4·5	4·30	+0·45	9	+1·6	1·49
Mukteswar ...	22·831	+·024	S 11 W	7·0	57·4	46·9	66·2	−2·2	73·8	50·4	+0·7	36·7	47	+6	2·9	2·41	+0·81	5	+1·3	1·03
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·84	−0·60	5	+0·6	0·63
Chakrata ...	23·363	+·003	N 74 E	7·4	59·7	50·0	68·3	−0·9	77·7	51·0	−0·2	38·1	52	+5	3·1	3·47	+1·68	8	+3·9	1·01
Simla ...	23·075	+·011	N 80 E	3·8	59·4	45·5	66·2	+1·6	73·9	50·5	−0·5	40·0	34	−7	3·3	3·11	+1·17	6	+2·1	0·90
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·39	...	7	...	1·45
Murree ...	(e) 23·950	+·024	S 58 E	5·0	61·7	49·0	66·7	−0·6	77·8	54·5	+3·8	40·2	41	−8	3·2	3·90	−0·31	7	−0·1	1·20
Cherat ...	25·682	+·030	N 16 W	6·2	65·6	56·5	74·3	+2·2	85·4	59·5	+4·0	46·7	58	+8	2·4	2·42	−0·24	4	−1·1	1·13
Parachinar ...	...	...	N 79 W	1·9	62·7	49·8	72·8	+4·9	83·7	48·8	+2·4	39·0	42	−14	2·4	2·46	−1·87	5	−3·9	0·63
Drosh ...	25·018*	−·077	N 73 E	2·1	58·1	49·6	73·7	+4·7	84·6	52·8	+3·9	43·0	55	−9	2·4	2·05	−2·10	7	−1·1	0·60
Mount Abu ...	26·004	+·005	N 64 W	4·7	78·2	57·9	86·4	+2·1	91·9	70·2	+1·8	62·4	27	−3	1·2	0	−0·13	0	−0·3	0
Pachmarhi ...	26·387	−·006	N 7 W	3·3	79·7	59·1	92·2	−0·2	98·8	65·9	−3·4	57·0	27	−4	4·0	0	−0·32	0	−0·7	0
Mercara ...	26·142	−·024	N 45 W	3·9	70·7	66·3	82·2	−1·8	86·4	64·1	+0·6	59·9	80	+2	4·0	1·87	−0·76	6	+1·0	0·56
Kodaikanal ...	22·791	0	N 40 E	6·2	61·5	52·7	69·6	−0·6	78·1	53·1	−0·4	50·0	57	−3	4·0	7·30	+3·05	9	+2·0	3·19
CEYLON																				
Colombo ...	29·799	−·017	S 41 W	2·5	77·1	75·3	87·2	−2·2	89·3	76·1	+0·1	71·7	93	+7	7·7	9·68	+0·25	11	+0·3	3·14

*Aneroid. (a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (g) Mean of 18 days.

MONTHLY WEATHER REPORT

FOR

May 1928

Supplement to the Indian Daily Weather Report for the 14th June 1928

Published by order of the Governor-General in Council

Summary.—A depression which formed at the head of the Bay of Bengal on the 12th caused a temporary advance of the monsoon in the south Bay. The active advance of the Bay monsoon occurred on the 26th and extended to Assam through Burma on the 31st. Weather during the month was dry and generally warm in the Peninsula and northwest and central India.

Two western disturbances entered northwest India during the month but both were more or less feeble. The first caused only some duststorms and a few light showers of rain along and near the frontier hills between the 2nd and 7th, while the second gave local rain along the frontier on the 10th and 11th with an extension along the western Himalayas on the latter date. Weather was also slightly unsettled over northwest India on the last three days of the month and local rain fell in the east Punjab on the 29th and 31st with scattered showers in the United Provinces on the 29th. Severe duststorms are also reported to have occurred in several places in the east Punjab on the 29th.

2. Scattered thundershowers occurred in Burma on the first ten days but were fairly extensive in Assam and Bengal during the first week except on the 5th, and in Bihar and Orissa between the 8th and 11th. A heavy thunderstorm associated with torrential rain occurred in Calcutta on the afternoon of the 6th. The rainfall as measured by the Alipore Observatory was 3·39″ out of which 3·25″ fell in forty minutes, that is, at the rate of 4·88″ an hour. This hourly intensity of rainfall beats previous records of Alipore. A depression formed at the head of the Bay of Bengal with its centre about two hundred miles southwest of Chittagong on the 12th and disappeared over Assam on the next day. The depression was responsible for very stormy weather in parts of Burma and Assam. According to the newspaper reports Rangoon and Silchar suffered a considerable damage to property and some loss of lives. Following the depression a temporary advance of the southwest monsoon occurred in the Bay of Bengal on the 14th and 15th, and extensive rain continued in Burma, Assam and east Bengal between the 10th and 15th. Several heavy falls were recorded; Kyaukpyu had 4″ on the 12th and 3″ on the 13th, Akyab 3″ on the 12th and 4″ on the 14th, Victoria Point 4″ on the 13th, Chittagong 3″ on the 14th and Silchar 3″ on the 15th. During the third week of the month local rain continued in Burma, and owing to a marked activity of the eastern half of the seasonal trough of low pressure along the Gangetic plain, Assam and Bengal had more than their usual share of rain during this period. Several heavy falls occurred in Bengal, Dinajpur having 4″ on the 19th, Mymensingh 3″ on the 20th and Chittagong 5″ on the 21st. An advance of the monsoon associated with a heavy fall of rain at Port Blair occurred in the southeast of the Bay of Bengal on the 26th and rainfall extended in Burma between the 26th and 31st. Nearly general rain fell in Assam from the 23rd to 27th and also on the 31st and local rain in Bengal during most of the last week; rainfall extended into Bihar and Orissa on the 29th. The period was marked by some heavy falls in Tenasserim and Assam; Dhubri had 4″ on the 24th, Cherrapunji 9″ on the 25th and Victoria Point 5″ on the 28th.

3. The month's rainfall was in slight to moderate excess in the Bay Islands and Assam and nearly normal in Lower Burma, Bengal and Bihar. It was slightly below normal in Upper Burma and Mysore and in moderate to large defect elsewhere. Averaged over the plains of India the rainfall of the month was in defect by 17 per cent.

4. Day temperature was lower than usual in Orissa and Chota Nagpur between the 8th and 11th owing to widespread rainfall there during that period, but was markedly above normal between the 21st and 26th. Temperature was high over most of northwest and central India between the 3rd and 9th and again between the 22nd and 27th. The monthly means of both maximum and minimum temperatures were above normal in the Central Provinces East and the Punjab and

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along the northwest frontier; the maximum alone was higher than usual in the United Provinces West, Central India East, Hyderabad South and Mysore and the minimum in the east of Rajputana and the United Provinces.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall was in slight excess in the Bay Islands, normal in Lower Burma and in slight defect in Upper Burma. Other climatic elements were normal.

Northeast India, including Orissa.—Rainfall was in moderate excess in Assam, normal in Bengal and Bihar and in moderate defect elsewhere. Other climatic elements were normal, except for an excess of cloud amount in Bihar.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in large defect throughout the division and cloud proportion was below normal except in the United Provinces West where it was normal. Humidity was in defect in Central India West, Berar and the Central Provinces West. Maximum temperature was above normal in the United Provinces West, Central India East and the Central Provinces East, and the minimum in the Central Provinces East and the United Provinces East.

Northwest India.—Rainfall was in large defect. Cloud proportion was in excess in Sind and Baluchistan, nearly normal in Gujarat and in defect elsewhere. Humidity was below normal in the Punjab, the North-West Frontier Province and Rajputana. Both maximum and minimum temperatures were above normal in the Punjab, the North-West Frontier Province and Baluchistan; only the minimum was higher than usual in east Rajputana.

The Peninsula.—The month's rainfall was in slight to moderate defect in Mysore, Madras Southeast and the Madras Coast North and in large defect elsewhere. Skies were normally clouded in Malabar, southeast Madras and the Madras Coast North and less clouded than usual in the remaining sub-divisions. Humidity was below normal in the Bombay Deccan, Hyderabad and the Madras Deccan and maximum temperature was above normal in Hyderabad South and Mysore.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 9th June 1928.

S. C. ROY,
for *Director-General of Observatories.*

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	9·76	11·10	−1·34	− 12	−0·6	−0·2	0	+0·4
Assam ...	15·31	12·00	+3·31	+ 28	−0·4	0	− 1	+0·7
Bengal ...	8·41	8·51	−0·10	− 1	+0·2	−0·2	− 1	+1·0
Bihar and Orissa ...	2·17	3·00	−0·83	− 28	+0·9	+0·7	0	+0·6
United Provinces ...	0·32	0·81	−0·49	− 60	+1·9	+2·0	0	−0·6
Punjab ...	0·14	0·70	−0·56	− 80	+3·7	+3·2	− 8	−0·7
North-West Frontier Province.	0·29	0·61	−0·32	− 52	+3·9	+2·7	− 5	−0·4
Sind ...	0	0·14	−0·14	−100	+0·6	+1·3	0	+0·4
Rajputana ...	0·21	0·68	−0·47	− 69	+1·4	+2·0	− 5	−0·6
Bombay ...	0·06	1·01	−0·95	− 94	+0·6	0	− 2	−0·4
Central India ...	0·11	0·53	−0·42	− 79	+1·5	+1·3	− 2	−1·2
Central Provinces ...	0·28	0·83	−0·55	− 66	+2·1	+2·0	− 4	−1·0
Hyderabad ...	0·30	0·99	−0·69	− 70	+3·4	+1·1	− 8	−1·0
Mysore ...	3·41	4·20	−0·79	− 19	+3·6	+0·7	− 2	−1·3
Madras ...	1·51	3·13	−1·62	− 52	+1·3	+1·5	− 4	−0·4
Mean of India ...	2·97	3·60	−0·63	− 17	+1·3	+1·1	− 3	−0·3

TABLE II, MAY 1928

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	19·66	15·86	+3·80	+ 24	−0·8	−0·2	0	−1·0
2. Lower Burma ...	13·39	14·73	−1·34	− 9	−0·1	−0·2	0	+0·8
3. Upper Burma ...	4·58	5·92	−1·34	− 23	−1·3	−0·2	− 1	−0·2
4. Assam ...	15·31	12·00	+3·31	+ 28	−0·4	0	− 1	+0·7
5. Bengal ...	8·41	8·51	−0·10	− 1	+0·2	−0·2	− 1	+1·0
6. Orissa ...	2·13	3·65	−1·52	− 42	+0·5	+0·7	0	+0·2
7. Chota Nagpur ...	1·75	2·65	−0·90	− 34	+1·9	+1·1	0	−0·3
8. Bihar ...	2·44	2·69	−0·25	− 9	+0·7	+0·5	− 1	+1·2
9. United Provinces, East ...	0·27	0·92	−0·65	− 71	+1·7	+2·1	− 2	−0·9
10. Do. do. West ...	0·36	0·72	−0·36	− 50	+2·1	+1·9	+ 1	−0·2
11. Punjab, East and North ...	0·20	0·84	−0·64	− 76	+3·8	+3·4	− 9	−1·0
12. Do. Southwest ...	0·04	0·47	−0·43	− 91	+3·4	+3·0	− 6	−0·3
13. Kashmir ...	0·66	1·71	−1·05	− 61	+1·9	+1·3	+ 3	−1·0
14. North-West Frontier Province ...	0·29	0·61	−0·32	− 52	+3·9	+2·7	− 5	−0·4
15. Baluchistan ...	0·11	0·28	−0·17	− 61	+2·0	+2·1	− 4	+0·7
16. Sind ...	0	0·14	−0·14	−100	+0·6	+1·3	0	+0·4
17. Rajputana, West ...	0·07	0·59	−0·52	− 88	+1·3	+1·5	− 5	−0·5
18. Do. East ...	0·29	0·73	−0·44	− 60	+1·4	+2·2	− 6	−0·6
19. Gujarat ...	0	0·29	−0·29	−100	+0·1	−0·2	0	+0·4
20. Central India, West ...	0·11	0·63	−0·52	− 83	−0·1	+1·1	− 5	−0·9
21. Do. do. East ...	0·12	0·43	−0·31	− 72	+3·1	+1·5	+ 1	−1·5
22. Berar ...	0	0·57	−0·57	−100	+1·8	+1·7	− 6	−1·3
23. Central Provinces, West ...	0·09	0·61	−0·52	− 85	+1·6	+1·9	− 5	−1·0
24. Do. do. East ...	0·71	1·29	−0·58	− 45	+3·1	+2·3	− 1	−0·7
25. Konkan ...	0·04	2·01	−1·97	− 98	+0·5	+0·9	− 1	−1·1
26. Bombay Deccan ...	0·15	1·29	−1·14	− 88	+1·1	−0·1	− 7	−1·0
27. Hyderabad, North ...	0·01	0·94	−0·93	− 99	+1·3	+1·9	−11	−1·5
28. Do. South ...	0·51	1·04	−0·53	− 51	+4·5	+0·7	− 7	−0·9
29. Mysore ...	3·41	4·20	−0·79	− 19	+3·6	+0·7	− 2	−1·3
30. Malabar ...	2·98	8·71	−5·73	− 66	+0·9	+1·5	− 2	0
31. Madras, Southeast ...	1·51	2·10	−0·59	− 28	+1·3	+1·9	− 4	−0·3
32. Do. Deccan ...	0·34	1·53	−1·19	− 78	+0·6	+1·1	− 9	−1·5
33. Do. Coast North ...	1·13	1·76	−0·63	− 36	+1·8	+1·0	− 3	−0·2

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.
					Dry bulb.	Wet bulb.	Mean.	Departure from normal.	Highest in month.	Mean.	Departure from normal.	Lowest in month.								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·731	+·002	S 78 W	4·5	81·7	78·2	87·9	−0·8	90·8	78·2	−0·2	72·7	85	0	6·0	19·66	+3·80	14	−2·0	4·06
LOWER BURMA																				
Victoria Point ...	29·669	−·005	S 56 W	5·3	80·8	77·5	85·8	−0·9	89·3	76·4	+0·1	73·1	86	+1	6·9	24·77	+7·69	25	+6·4	5·25
Mergui ...	29·737	−·010	...	...	80·0	78·0	88·5	−0·5	93·3	74·2	−0·2	71·5	91	+3	8·1	13·00	−3·93	20	+2·6	1·98
Tavoy ...	29·784	−·014	S 63 E	2·1	79·8	76·8	89·5	+0·6	94·0	73·9	−1·6	70·7	87	0	7·2	20·32	−2·39	19	+0·7	3·20
Amherst ...	29·722	−·005	S 29 E	6·1	80·6	77·4	87·8	...	93·1	76·6	...	72·8	86	...	7·5	18·20	−2·10	20	+2·1	3·07
Rangoon ...	29·761	−·002	S 45 W	2·9	81·9	78·7	91·1	−0·6	96·2	76·9	−0·3	71·5	86	0	8·9	13·35	+1·37	17	+3·4	2·00
Bassein ...	29·745	0	N 75 W	2·6	84·6	79·2	93·4	+1·6	96·1	77·3	0	71·6	78	−6	6·4	3·02	−6·82	4	−7·4	1·09
Diamond Island ...	29·724	−·006	S 59 W	5·7	84·9	79·6	89·5	+0·9	92·8	80·0	+1·0	73·5	79	+1	5·9	4·78	−5·82	12	+1·1	1·28
Toungoo ...	29·552	−·029	...	...	81·6	77·2	93·4	−2·3	100·2	76·0	−0·6	70·3	81	0	5·6	9·89	+2·17	12	+1·5	1·68
Kyaukpyu (b) ...	29·729	−·003	S 63 E	1·8	84·0	81·7	91·1	+1·9	95·3	78·2	+0·5	73·2	90	+8	6·5	10·91	−5·33	10	−2·0	4·04
Akyab ...	29·721	−·000	S 87 E	8·0	82·9	78·5	88·9	−1·6	92·7	77·4	−0·3	71·4	81	−3	7·0	15·62	+1·67	15	+4·5	3·73
UPPER BURMA																				
Minbu ...	29·562	−·010	S 38 E	3·5	85·2	74·0	99·9	+1·3	105·7	79·1	+0·4	73·6	69	−3	3·4	4·83	−0·81	6	−0·7	2·25
Yamethin ...	29·115	+·011	...	...	81·7	75·7	95·2	−1·5	100·9	75·8	−0·9	71·5	75	0	3·9	3·44	−2·36	7	−0·9	0·84
Mandalay ...	29·492	−·001	S 15 E	4·3	85·2	76·6	99·0	−0·8	104·6	78·7	−0·3	73·2	66	−1	3·4	2·83	−3·02	6	−1·8	0·75
Monywa ...	29·463	−·005	S 56 E	2·5	85·1	76·4	99·9	−0·2	106·5	77·9	−0·9	72·0	66	−2	5·1	3·60	−1·42	8	+1·4	0·95
Lashio ...	26·984	−·007	S 45 E	1·8	73·9	69·2	86·0	−1·2	91·7	66·0	−0·8	61·7	79	−1	4·9	5·25	−1·66	9	−2·6	1·36
Bhamo ...	29·358	−·006	N 24 E	2·2	78·9	74·5	94·6	+1·2	101·2	73·8	+1·7	70·7	81	0	6·7	4·69	−1·45	8	−2·1	1·35
Myitkyina ...	29·280	+·015	N 45 E	1·5	76·8	72·8	(c) 83·7	−7·6	89·5	71·9	−0·3	67·0	81	+2	7·4	7·39	+1·33	10	+0·8	2·37
ASSAM																				
Dibrugarh ...	29·394	−·013	S 88 E	1·2	76·0	73·7	84·5	+0·1	95·7	71·1	+0·3	66·9	90	+1	7·2	16·01	+4·83	14	−1·1	3·05
Sibsagar ...	29·417	−·006	N 56 E	1·9	76·2	73·5	85·3	−0·1	95·2	72·1	+0·6	67·0	88	−2	9·3	15·82	+3·93	18	+2·4	2·56
Tezpur ...	(b) 29·483	−·012	N 59 E	(e) 1·1	(b) 77·0	(b) 73·3	(b) 86·5	−0·4	95·1	(f) 71·5	−0·8	62·8	(b) 84	−2	(b) 5·1	7·33	−2·62	14	−0·3	0·95
Gauhati ...	29·544	−·010	N 45 E	1·5	78·0	73·7	86·5	−1·5	94·6	72·4	+0·1	66·2	81	−3	6·8	14·59	+5·88	15	+2·0	3·71
Dhubri ...	29·589	−·018	S 72 E	6·3	78·6	74·9	86·0	−0·3	93·9	73·4	+0·3	67·5	84	−2	6·1	14·96	+0·27	17	+2·1	3·52
Silchar ...	29·642	−·010	S 72 E	2·4	77·9	74·4	88·3	−0·4	94·4	72·0	−0·6	67·8	85	0	7·5	23·12	+6·53	17	+0·9	3·30
BENGAL																				
Cox's Bazar ...	29·684	−·013	S 15 E	2·5	83·7	80·1	89·0	+0·4	92·5	76·4	+1·2	72·0	85	+1	4·9	7·88	−5·22	12	+0·9	1·35
Chittagong ...	29·633	−·015	S 56 E	(e) 8·9	81·8	76·5	89·3	+0·5	94·2	75·0	−0·4	69·8	78	−4	4·7	18·32	+8·80	14	+3·2	4·72
Narayanganj ...	29·669	−·016	S 49 E	4·8	81·5	77·1	91·2	+0·2	95·5	74·1	−1·8	67·4	81	−2	5·5	9·52	+0·11	17	+6·0	1·36
Barisal ...	29·679	−·014	S 45 E	2·4	85·2	80·1	92·4	+0·9	94·9	77·5	+0·9	65·0	79	−2	5·7	4·04	−4·98	9	−0·8	1·00
Jessore ...	29·649	−·011	S	2·3	84·4	80·4	95·9	+1·6	99·8	77·0	+0·5	67·8	83	+1	6·7	4·05	−4·03	9	−0·4	0·97
Calcutta ...	29·638	−·018	S 21 E	5·0	84·2	80·1	94·5	−0·1	100·4	78·5	+0·9	70·1	83	+4	6·6	7·06	+1·31	7	−0·3	3·43
Saugor Island ...	29·644	−·024	S 13 W	16·6	86·5	80·5	90·5	−0·9	92·5	79·7	−0·9	69·7	76	−5	7·2	3·26	−1·15	4	−1·8	1·23
Burdwan ...	29·546	−·024	S 30 E	3·3	83·2	78·4	99·1	+1·5	110·5	77·2	−0·2	70·0	80	+2	7·0	5·86	−0·27	8	+0·9	1·63
Berhampore ...	29·600	−·013	S 72 E	4·1	83·6	78·1	97·2	+0·6	108·4	76·2	−0·2	70·2	77	−3	5·3	4·63	−0·88	10	+2·6	0·89
Mymensingh ...	29·657	−·004	S 84 E	2·7	78·0	73·6	89·2	+0·1	97·2	72·1	−2·3	63·8	81	−3	7·1	16·08	+3·54	14	+0·9	3·06
Bogra ...	29·625	−·005	S 86 E	3·0	80·2	75·2	92·6	+0·4	102·7	72·4	−1·9	63·0	79	−2	7·5	9·52	+1·02	12	+2·1	2·46
Dinajpur ...	29·572	−·001	N 89 E	3·8	79·2	75·4	89·6	−2·3	98·0	75·2	+1·3	70·3	83	+3	6·5	8·35	+0·76	9	+0·1	3·60
Jalpaiguri ...	29·420	−·025	S 81 E	1·3	77·9	74·5	88·7	−0·4	96·2	72·8	+0·4	67·0	85	+2	6·9	10·70	−0·37	14	+1·6	1·72
ORISSA																				
Balasore ...	29·582	−·022	S 42 W	3·8	86·6	80·4	97·1	+0·2	107·4	79·8	+1·6	71·8	76	+1	4·8	1·26	−3·75	4	−2·4	0·50
Hukitala (False Point)	29·637	−·016	S 28 W	13·7	...	...	...	...	...	...	...	...	...	...	6·5	1·34	−3·03	3	−1·4	0·85
Cuttack ...	29·576	−·020	S 42 W	3·0	86·6	80·7	100·8	−0·4	109·4	79·8	−0·1	69·8	77	+3	5·4	4·52	+0·57	7	+1·4	0·87
Sambalpur ...	29·143	−·031	S 45 W	(b) 2·4	90·6	75·6	107·8	+1·6	116·0	81·6	+0·5	71·5	49	−3	1·4	1·41	+0·16	3	+0·6	0·58
CHOTA NAGPUR																				
Chaibasa ...	28·893	−·026	S 34 W	2·9	87·0	77·6	105·5	+2·5	115·2	79·5	+1·4	68·1	65	+1	2·8	2·66	−0·57	5	−0·8	0·85
Ranchi ...	27·527	−·012	S 52 W	3·6	85·2	71·4	99·8	+1·3	107·8	76·0	+0·7	69·0	51	−1	1·9	1·44	−0·97	5	+0·1	0·56
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·14	−1·17	4	−0·1	0·45

(a) Reports only rainfall. (b) Mean of 30 days. (e) Mean of 27 days. (f) Mean of 26 days. (c) Mean of 17 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·546	−·019	N 81 E	4·1	79·8	74·4	94·0	−0·9	104·2	74·0	−0·3	67·8	77	0	5·1	5·68	+1·28	7	+1·4	1·62
Darbhanga ...	29·472	−·033	E	4·8	81·7	74·2	96·7	+1·0	105·5	76·0	+0·2	70·3	69	−3	4·5	0·37	−2·41	2	−2·1	0·14
Patna ...	29·447	−·015	N 88 E	7·2	84·5	73·8	100·3	+0·6	108·0	78·4	+0·7	72·6	59	−5	2·1	1·96	+0·29	2	−0·9	1·05
Gaya ...	29·238	−·027	N 86 E	2·2	89·2	76·3	106·7	+2·3	114·7	80·4	+0·7	63·4	54	−3	1·3	1·76	+0·67	2	+0·2	1·60
Naya Dumka ...	29·162	−·012	S 68 E	3·3	84·2	77·5	99·0	+0·3	110·1	78·2	+1·2	69·1	73	+6	7·1	2·44	−1·09	8	+2·9	0·65
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·383	−·012	E	3·7	85·2	76·0	102·1	+1·6	107·2	78·2	+1·6	72·9	63	+1	0·8	1·12	−0·35	2	−0·8	0·99
Benares ...	29·311	−·046	N 86 E	5·2	89·6	74·1	106·0	+1·0	114·1	80·3	+1·5	74·3	46	−5	1·4	0·12	−0·49	1	−0·2	0·12
Allahabad ...	29·285	−·037	S 81 W	5·8	92·4	72·5	109·1	+2·5	116·8	81·9	+2·3	75·4	36	−6	0·7	0·04	−0·30	0	−0·9	0·04
Cawnpore ...	29·183	−·029	N 33 E	2·8	91·8	73·8	108·3	+2·6	115·0	81·7	+2·3	72·3	41	−4	0·7	0·14	−0·26	1	−0·1	0·14
Lucknow ...	29·223	−·038	S 76 E	1·5	88·2	73·6	106·0	+1·2	113·9	79·0	+1·3	71·3	48	+2	0·5	0·02	−0·99	0	−1·5	0·02
Bahraich (l) ...	29·182	−·051	S 65 E	4·1	87·5	76·3	103·2	+1·5	108·8	80·5	+3·7	71·2	58	+1	0·5	0·16	−1·51	1	−1·8	0·16
UNITED PROVINCES, WEST																				
Jhansi ...	28·803	−·032	W	6·8	94·7	70·2	110·2	+2·0	117·3	83·8	+0·1	76·7	26	−11	0·9	0·05	−0·33	0	−1·2	0·05
Agra ...	29·043	−·037	S 82 W	6·4	92·7	71·5	109·1	+1·6	114·6	80·9	+3·9	73·2	32	+7	1·3	0·14	−0·33	1	−0·4	0·14
Mainpuri ...	29·082	−·030	N 83 W	3·8	92·8	73·4	109·1	+2·4	115·0	79·3	+0·8	68·4	38	−3	0·8	0·30	−0·25	1	−0·3	0·30
Bareilly ...	29·042	−·021	N 80 E	2·6	87·1	76·5	104·8	+2·0	112·2	78·7	+2·3	70·0	62	+13	1·9	1·01	+0·28	1	−0·7	0·97
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·15	−0·50	1	−0·6	0·11
Roorkee ...	28·697	−·040	S 49 E	3·6	88·0	70·7	104·5	+2·5	112·2	76·2	+2·2	64·8	41	0	2·1	0·53	−0·31	1	−0·9	0·51
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·33	−1·11	2	−1·3	0·20
PUNJAB, EAST AND NORTH																				
Delhi ...	28·902	−·013	N 70 W	3·6	89·3	69·9	106·7	+2·7	112·3	84·6	+4·4	76·0	35	−6	0·3	0·26	−0·32	1	−0·8	0·21
Hissar ...	28·857	−·040	S 65 W	4·8	90·6	71·3	110·2	+3·7	115·2	80·1	+3·0	73·5	35	−3	0·1	0·08	−0·51	0	−1·5	0·06
Ambala ...	28·686	−·047	S 32 E	4·5	91·4	68·8	108·8	+5·1	115·7	79·5	+4·2	70·3	29	−14	0·6	0·25	−0·62	1	−0·7	0·22
Ludhiana ...	28·771	−·038	S 63 W	2·5	90·8	68·9	108·7	+4·8	115·5	78·1	+2·4	71·6	29	−10	0·5	0·10	−0·54	1	−0·6	0·10
Lahore ...	28·868	−·042	N 19 E	1·8	90·0	71·0	109·1	+4·2	115·5	78·5	+4·8	71·0	36	−6	1·0	0·34	−0·36	1	−0·4	0·34
Sialkot ...	28·749	−·040	N 28 E	2·0	90·5	68·7	107·2	+4·8	115·1	74·9	+0·5	66·6	30	−13	0·8	0	−1·13	0	−2·3	0
Rawalpindi ...	27·962	−·023	N 20 W	3·8	88·0	67·7	99·3	+1·4	107·0	72·6	+4·3	63·3	33	−8	1·6	0·40	−0·94	1	−1·8	0·31
PUNJAB, SOUTHWEST																				
Khushab ...	28·981	−·030	N 40 E	5·5	94·0	67·2	107·3	+3·5	114·5	79·5	+2·8	69·7	20	−14	1·2	0·16	−0·63	1	−0·7	0·16
Lyallpur ...	28·970	−·038	N 81 E	2·4	90·0	68·0	106·8	+4·0	113·7	78·0	+4·4	68·9	28	−12	2·1	0	−0·38	0	−1·4	0
Montgomery ...	29·009	−·037	S 22 E	3·3	91·1	73·0	108·0	+1·6	113·8	79·3	+1·8	71·3	39	+7	0·7	0	−0·35	0	−1·1	0
Multan (b) ...	29·180	0	N 72 W	(c) 2·2	90·0	71·5	111·1	+4·5	116·7	81·2	+2·9	70·9	38	−5	0·3	0	−0·35	0	−0·8	0
Khanpur ...	29·290	...	S 48 W	1·5	90·1	82·8	111·7	...	117·3	77·3	...	71·3	74	...	0·1	0	...	0	...	0
KASHMIR																				
Srinagar ...	24·827	+·010	S 12 E	2·5	64·0	57·9	80·5	+1·7	92·7	51·8	0	45·1	70	−10	2·1	0·89	−1·38	1	−4·3	0·87
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·68	−3·03	5	−3·9	0·70
Dras ...	20·851	+·056	S 45 W	1·9	43·1	(d) 39·7	57·4	−1·8	69·5	34·0	+1·0	20·4	(d) 70	+1	2·5	1·17	−1·22	6	+1·0	0·30
Leh ...	19·754	+·042	S 2 W	2·4	48·6	35·5	66·4	+2·5	72·5	38·2	+1·3	31·6	38	−1	3·7	0·19	−0·02	1	+0·3	0·14
Skardu ...	22·862	+·034	E	4·3	(i) 61·6	(i) 54·4	76·2	+3·5	81·7	52·9	+3·0	46·2	(i) 62	+10	3·0	0·02	−0·94	0	−2·0	0·02
Gilgit ...	24·977	−·098	S 45 W	0·6	67·3	59·5	87·5	+3·7	93·2	61·6	+1·4	54·6	63	+14	3·1	0	−0·73	0	−2·2	0
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·537	−·023	N 51 W	0·6	86·0	70·0	103·7	+5·0	112·6	73·5	+3·6	66·0	43	−1	1·6	0·24	−0·58	1	−1·0	0·16
Dera Ismail Khan ...	29·019	−·031	N 19 E	1·8	91·3	72·6	106·6	+2·9	114·9	76·5	+1·7	63·3	38	−10	0·8	0·33	−0·07	1	+0·1	0·27
BALUCHISTAN																				
Fort Sandeman ...	25·297	+·008	S 34 W	2·3	73·9	57·6	95·4	+3·4	103·5	66·2	+2·4	55·3	36	−1	1·4	0·42	−0·32	2	+0·7	0·22
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·48	0	−0·8	0
Quetta ...	24·572	+·013	Calm	2·1	67·5	54·6	87·3	+3·5	93·5	51·3	−0·7	39·3	43	−3	1·6	0·23	−0·14	2	+1·0	0·11
Chaman ...	25·559	−·031	S 6 E	5·6	76·8	55·2	93·6	+2·7	100·8	68·4	+4·1	52·9	21	−15	1·8	0	−0·12	0	−0·4	0
Kalat ...	23·687	−·010	N 45 W	2·9	62·5	52·6	82·5	−0·7	89·9	49·0	+4·2	34·1	51	+8	1·0	0·03	−0·19	0	−0·8	0·01
Dalbandin ...	26·956	−·019	N 60 E	4·5	78·4	57·7	102·6	+0·9	110·6	67·2	+0·4	53·4	23	−8	2·0	0	−0·13	0	−0·3	0
Mirjawa ...	27·003	...	N 68 W	8·0	76·1	58·9	99·0	...	108·7	67·1	...	57·5	32	...	1·4	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (i) Mean of 23 days. (l) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·408	−·017	S 44 E	3·0	92·4	76·5	113·0	+0·9	119·9	81·0	+2·3	72·2	46	+ 2	0·8	0	−0·14	0	−0·4	0
Hyderabad ...	29·545	−·008	S 36 W	9·6	87·2	74·9	108·1	+1·1	116·2	78·9	+0·7	74·0	55	0	0·5	0	−0·20	0	−0·4	0
Karachi ...	29·680	−·008	S 76 W	12·1	83·4	78·3	88·6	−0·3	91·0	79·7	+1·0	77·2	79	− 1	4·4	0	−0·07	0	−0·1	0
RAJPUTANA, WEST																				
Bikaner ...	28·854	−·004	S 44 W	8·2	90·2	69·9	(b) 108·3	+0·9	115·7	83·9	+1·6	72·7	33	−11	0·8	0·14	−0·58	1	−0·3	0·14
Jodhpur ...	28·888	−·005	S 39 W	5·1	87·6	71·4	107·7	+1·7	113·3	81·3	+1·5	76·8	43	+ 2	0·6	0	−0·45	0	−1·1	0
RAJPUTANA, EAST																				
Jaipur ...	28·248	−·004	N 83 W	4·5	91·8	69·4	108·9	+2·8	113·5	81·4	+3·3	73·8	29	− 8	0·9	0·01	−0·57	0	−1·5	0·01
Ajmer ...	28·095	+·005	S 69 W	7·6	87·8	69·1	104·1	+0·7	108·5	82·3	+2·2	62·3	37	− 6	0·8	0·80	+0·20	1	−0·6	0·80
Kotah ...	28·801	−·029	N 76 W	4·5	95·1	70·7	109·1	+0·8	114·6	86·2	+1·2	79·2	26	− 3	0·2	0·34	−0·25	1	−0·3	0·34
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−1·14	0	−2·2	0
GUJARAT																				
Deesa ...	29·290	+·029	S 56 W	9·1	83·4	74·7	107·1	+0·1	112·3	76·1	−1·3	71·5	65	+ 8	3·6	0	−0·43	0	−0·7	0
Bhuj ...	29·376	−·010	S 79 W	10·3	85·4	75·2	99·5	−1·7	105·2	76·0	−0·6	73·3	60	− 7	0·2	0	−0·07	0	−0·2	0
Dwarka ...	29·714	−·003	S 67 W	12·1	83·5	78·3	88·1	0	90·0	81·0	+0·7	79·7	78	− 3	3·5	0	−0·01	0	0	0
Rajkot ...	29·300	−·014	S 68 W	11·9	84·0	74·3	105·5	+0·4	110·0	75·1	0	71·0	62	− 5	4·6	0	−0·43	0	−0·6	0
Veraval ...	29·763	+·010	N 75 W	9·0	82·1	78·5	86·1	−0·1	88·3	79·4	+0·8	75·0	85	+ 3	2·7	0	−0·31	0	−0·4	0
Surat ...	29·744	+·008	S 43 W	5·8	86·1	77·7	97·5	+0·1	108·1	79·6	+1·1	76·4	67	0	3·7	0	−0·24	0	−0·4	0
Bhavnagar ...	29·713	+·004	S 66 W	6·1	85·8	77·4	107·0	+2·0	111·6	77·2	−1·0	73·3	67	+ 3	2·2	0	−0·44	0	−0·9	0
Ahmadabad ...	29·618	+·030	S 77 W	5·9	84·9	75·6	107·8	+0·4	111·8	78·0	−1·2	73·3	63	+ 4	1·9	0	−0·43	0	−0·7	0
CENTRAL INDIA, WEST																				
Neemuch ...	28·080	−·015	S 68 W	5·5	86·9	70·8	103·7	+0·1	108·5	78·3	+1·1	73·2	44	− 5	0·3	0	−0·67	0	−1·4	0
Indore ...	27·902	−·020	N 65 W	7·2	86·1	70·0	102·7	−0·2	107·6	77·2	+1·1	73·0	44	− 6	0·4	0·21	−0·37	1	−0·5	0·21
CENTRAL INDIA, EAST																				
Nowgong ...	28·872	−·021	S 83 W	2·5	93·4	75·3	109·7	+2·7	115·0	(f) 80·0	+0·3	74·3	42	+ 7	0·8	0·12	−0·27	0	−1·0	0·09
Satna ...	28·580	−·021	S 65 W	3·8	95·6	70·6	108·7	+3·5	114·8	82·2	+2·6	69·8	27	− 5	1·1	0·12	−0·36	1	−0·3	0·12
BERAR																				
Akola ...	28·772	−·018	N 73 W	7·3	90·1	70·2	110·6	+2·6	114·9	82·8	+1·8	78·5	35	− 4	1·3	0	−0·46	0	−1·1	0
Amraoti ...	28·496	+·003	S 83 W	6·9	92·2	70·2	108·5	+1·0	113·8	82·0	+1·7	77·8	31	− 8	0·4	0	−0·68	0	−1·6	0
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·659	−·017	N 66 W	9·3	88·1	73·6	108·4	+1·7	113·2	81·9	+0·9	77·8	49	+ 7	0·5	0·13	−0·29	1	+0·1	0·13
Hoshangabad ...	28·693	−·002	S 79 W	3·5	90·7	68·8	109·1	+1·9	114·7	81·9	+1·7	75·4	30	− 9	0·3	0·05	−0·53	0	−1·2	0·05
Saugor ...	27·868	−·021	S 88 W	4·1	91·0	67·0	105·2	+0·5	110·2	80·5	+1·5	74·2	26	− 7	0·8	0·08	−0·42	0	−1·1	0·08
Jubbulpore ...	28·319	−·025	N 78 W	2·4	91·1	69·5	107·1	+1·8	111·9	79·8	+1·3	73·8	31	− 3	0·4	0·12	−0·41	1	−0·3	0·12
Seoni ...	27·657	−·025	N 34 W	3·4	92·5	68·0	105·3	+1·9	110·5	78·3	+2·2	70·0	25	− 8	1·2	0	−0·79	0	−2·1	0
Nagpur ...	28·655	−·008	N 54 W	4·5	93·5	69·2	110·2	+1·6	115·6	85·7	+3·9	72·9	26	− 7	1·4	0·16	−0·67	1	−1·1	0·12
CENTRAL PROVINCES, EAST																				
Pendra ...	27·622	−·039	S 85 W	5·2	90·1	71·5	103·8	+2·7	111·0	81·6	+3·9	75·9	39	+ 5	1·6	0·24	−0·72	1	−1·4	0·15
Raipur ...	28·664	−·031	S 70 W	3·5	94·5	70·7	109·9	+3·1	116·6	84·2	+2·6	71·0	29	− 8	2·6	0·51	−0·49	2	−0·3	0·22
Kanker ...	28·356	...	S 68 W	5·2	93·8	71·6	106·5	...	112·4	80·5	...	70·5	32	...	1·2	0·53	...	2	...	0·30
Chanda ...	29·034	−·023	S 67 W	2·2	94·3	71·2	112·3	+3·1	117·0	83·2	+1·3	72·6	29	− 9	1·2	0·66	−0·05	1	−0·7	0·57
Jagdalpur ...	27·876	−·036	S 67 W	3·1	87·5	78·1	102·7	+3·5	110·7	76·0	+1·3	66·3	65	+ 6	2·5	1·42	−1·09	6	+0·5	0·34
KONKAN																				
Bombay ...	29·768	+·001	S 76 W	5·9	84·9	77·6	92·2	+1·4	93·8	80·5	+1·2	78·1	71	− 3	3·3	0	−0·84	0	−0·8	0
Ratnagiri ...	29·603	+·005	N 74 W	5·9	84·6	78·1	89·7	−1·1	91·4	80·8	+1·1	77·9	74	+ 4	1·9	0	−1·36	0	−1·5	0
Marmagao ...	29·749	0	S 75 W	1·5	...	...	...	...	...	...	...	...	...	...	4·7	0	−2·63	0	−2·7	0
Karwar ...	29·773	+·007	N 44 W	3·5	84·2	77·3	90·9	+1·1	92·9	80·0	+0·4	76·2	72	− 5	3·0	0·16	−3·07	0	−3·5	0·08
BOMBAY DECCAN																				
Malegaon ...	28·324	−·004	N 82 W	7·2	87·9	70·4	105·3	+0·5	110·8	74·4	−0·8	67·3	41	− 7	1·3	0	−0·88	0	−1·3	0
Ahmadnagar ...	27·658	+·015	N 50 W	6·9	85·4	65·8	101·8	+0·5	106·3	70·8	−1·1	62·4	33	−17	0·4	0	−0·91	0	−1·6	0
Poona ...	27·953	+·001	N 75 W	6·2	81·6	68·3	99·3	−0·4	106·1	71·2	−0·7	66·2	50	− 6	1·5	0	−1·20	0	−1·8	0
Sholapur ...	28·199	+·003	N 34 W	7·7	86·0	70·9	105·9	+2·8	110·2	77·3	+0·6	69·9	46	− 4	1·5	0	−1·03	0	−2·2	0
Bijapur ...	27·850	+·011	N 60 W	7·4	83·1	69·9	103·0	+2·0	107·6	75·0	+0·7	68·3	51	− 9	1·6	0	−1·26	0	−2·8	0
Belgaum ...	27·282	+·015	S 78 W	3·7	76·0	69·8	94·6	+1·5	101·2	68·9	+0·7	63·3	73	+ 3	2·7	0·93	−1·53	2	−2·6	0·52
HYDERABAD, NORTH																				
Aurangabad ...	27·874	−·009	N 83 W	11·2	85·2	66·5	103·7	+0·1	108·1	76·3	+1·1	69·0	37	− 6	1·8	0	−0·85	0	−1·5	0
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−1·85	0	−2·0	0
Nizamabad ...	28·457	−·031	S 79 W	2·9	90·6	69·2	108·9	+2·6	112·2	83·6	+2·6	78·3	31	−16	0·4	0·03	−0·38	0	−1·5	0·03

(a) Reports only rainfall. (b) Mean of 30 days. (f) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·261	+·009	N 73 W	9·8	87·0	69·8	107·4	+2·8	112·8	79·1	+0·9	74·7	41	−14	2·5	0	−1·19	0	−2·7	0
Raichur ...	28·445	0	S 88 W	9·2	86·1	73·9	110·0	+6·7	111·4	78·0	−1·2	71·0	55	− 1	0	0·03	−1·01	0	−2·0	0·03
Hyderabad ...	28·033	+·006	N 71 W	4·3	87·7	71·7	106·8	+3·7	110·7	81·4	+1·4	73·6	44	− 7	2·9	0·17	−0·83	1	−1·3	0·17
Hanamkonda ...	28·812	−·020	S 48 W	7·6	90·6	73·4	109·3	+4·6	115·7	83·8	+1·8	68·5	44	− 5	3·9	1·86	+0·94	2	0	1·45
MYSORE																				
Chitaldrug ...	27·420	+·005	S 76 W	6·1	77·8	70·7	97·9	+3·5	103·6	71·9	+0·4	64·3	70	− 1	2·9	3·83	+0·78	5	+0·5	2·26
Bangalore ...	26·850	+·014	S 79 W	6·5	77·4	70·0	95·9	+4·2	99·5	70·7	+1·5	65·7	68	− 6	3·1	2·27	−2·09	3	−3·8	1·50
Mysore ...	27·338	+·009	S 73 W	4·4	76·0	70·4	94·8	+3·0	99·8	70·0	+0·3	65·9	76	+ 1	5·1	4·12	−1·06	5	−2·5	1·24
MALABAR																				
Mangalore ...	29·752	+·009	N 34 E	5·2	85·3	78·0	91·4	+0·2	92·7	79·4	+0·9	72·0	71	− 2	4·4	1·77	−4·43	5	−1·6	0·67
Calicut ...	29·785	+·002	N 20 W	7·0	85·3	78·3	92·7	+2·8	95·1	79·5	+1·3	73·1	72	− 8	6·1	2·44	−6·09	5	−3·5	0·96
Cochin ...	29·818	+·008	N 55 E	6·2	84·9	79·9	88·7	−1·0	91·8	79·4	+1·8	72·7	79	− 1	5·0	3·96	−7·71	5	−7·2	1·53
Trivandrum ...	29·602	−·012	N 42 W	6·0	82·8	78·9	88·3	+1·6	90·5	80·0	+2·1	76·7	83	+ 2	8·3	3·74	−4·71	7	−2·9	1·27
MADRAS, SOUTHEAST																				
Tinnevelly (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·03	−0·54	2	−0·7	0·54
Pamban ...	29·735	+·006	S 22 W	10·6	85·6	81·9	90·6	−0·8	93·0	82·9	+1·9	78·4	85	+ 7	3·2	0·07	−0·76	0	−1·6	0·07
Madura ...	29·319	+·015	N 37 W	3·5	86·7	77·1	101·9	+1·9	105·9	80·8	+2·8	72·3	63	− 3	6·9	2·13	−0·76	3	−1·7	1·70
Negapatam ...	29·736	+·013	S 63 W	7·1	88·2	79·4	98·7	+1·2	104·2	82·4	+2·0	75·2	64	− 6	5·1	1·80	+0·90	1	−0·9	1·76
Trichinopoly ...	29·516	+·006	S 51 W	4·9	87·8	76·5	102·9	+1·3	106·5	80·5	+1·7	69·7	58	− 7	3·5	3·65	+0·51	2	−2·1	2·50
Coimbatore ...	28·451	+·004	S 4 E	3·7	81·9	76·2	96·0	+1·2	98·3	74·6	+1·1	69·6	76	− 4	2·3	0·92	−1·44	4	−0·8	0·28
Salem ...	28·875	+·016	S 46 W	4·0	84·1	75·5	101·3	+1·7	104·6	78·5	+2·1	72·2	66	− 6	2·1	3·33	−1·39	5	−2·7	1·12
Cuddalore ...	29·716	+·010	S 46 W	8·2	88·9	79·7	99·8	+1·4	108·1	82·2	+1·9	79·2	65	− 5	3·5	0·67	−0·06	2	+0·8	0·57
Madras ...	29·697	−·016	S 35 W	7·9	89·7	78·1	101·1	+2·6	110·0	83·3	+2·1	77·3	59	− 7	2·5	0·03	−1·04	0	−1·1	0·03
MADRAS, DECCAN																				
Cuddapah ...	29·322	+·003	N 44 W	...	90·5	76·5	106·2	+0·3	109·3	84·8	+1·7	77·3	51	− 4	2·6	0·34	−1·23	1	−1·8	0·30
Bellary ...	28·294	−·002	N 72 W	6·0	84·2	68·5	102·5	+0·1	106·8	78·3	+0·8	73·6	42	−13	2·2	0·48	−1·48	1	−2·4	0·39
Kurnool ...	28·825	−·001	N 82 W	8·1	87·4	73·0	106·0	+1·4	110·9	81·8	+0·9	76·6	48	− 9	2·0	0·19	−0·87	0	−2·5	0·07
MADRAS COAST NORTH																				
Nellore ...	29·642	−·006	S 57 W	5·5	91·3	77·2	106·4	+1·8	111·9	83·3	+1·8	78·6	52	−11	3·3	0·02	−0·81	0	−1·2	0·02
Masulipatam ...	29·680	−·027	S 51 W	6·8	91·3	79·0	103·4	+3·7	116·0	83·3	+1·8	71·8	58	−18	4·0	0·35	−0·99	1	−1·0	0·35
Cocanada ...	29·677	−·017	S 74 W	4·8	88·6	80·3	103·3	+4·1	115·1	81·7	−0·1	76·2	70	− 4	5·6	0·58	−0·96	2	−0·7	0·34
Vizagapatam ...	29·639	−·028	S 61 W	10·0	88·0	81·8	93·9	+1·9	106·2	83·0	+2·2	79·1	76	+ 5	5·6	0·47	−1·52	1	−2·0	0·37
Calingapatam ...	29·656	−·023	S 55 W	9·5	87·5	81·5	93·6	−1·3	100·7	81·3	+1·3	70·2	77	+ 1	3·0	2·60	−0·29	4	+0·4	0·73
Gopalpur ...	29·598	−·025	S 30 W	10·4	86·2	83·2	90·9	+0·8	96·0	79·2	−0·9	69·6	88	+ 6	3·4	2·73	+0·76	6	+2·9	0·82
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN									✓			✓								
Maymyo ...	26·309	−·014	S 35 W	1·3	72·7	68·5	81·4	−0·8	87·0	63·6	−0·7	59·0	81	+ 1	5·0	4·70	−5·00	11	−0·8	1·19
Shillong ...	25·022	−·009	S 7 W	4·5	66·6	61·9	73·5	−0·5	79·1	58·5	−0·3	53·6	77	+ 4	3·8	12·45	+1·88	23	+5·7	1·57
Cherrapunji ...	25·604	+·011	N 63 E	4·6	67·3	63·4	72·2	−0·1	76·2	60·6	+0·2	54·3	81	− 5	8·0	53·40	+7·12	22	+0·9	9·11
Darjiling ...	22·877	−·010	N 76 E	2·5	58·4	56·2	64·6	+0·6	71·2	54·0	+1·7	50·3	88	0	8·2	8·06	−0·64	15	+0·7	1·47
Mukteswar ...	22·790	+·002	W	9·1	64·6	51·9	74·3	+0·8	81·2	60·3	+5·4	50·3	43	− 8	2·0	0·45	−2·09	2	−3·9	0·20
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·52	−3·26	1	−5·0	0·52
Chakrata ...	23·334	+·039	S 76 E	7·5	69·3	55·1	77·4	+3·3	87·3	61·1	+4·5	49·4	42	− 7	2·4	0·48	−1·96	2	−3·4	0·26
Simla ...	23·046	+·006	N 49 E	3·0	69·7	(c) 51·9	(a) 77·8	+5·0	83·8	63·1	+5·0	52·0	(c) 28	−16	1·9	0·81	−2·06	3	−2·3	0·32
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·63	...	1	...	0·63
Murree ...	23·943	+·044	N 18 W	5·0	72·4	55·3	79·4	+3·6	87·0	65·5	+6·2	50·2	34	− 8	1·0	1·17	−1·70	3	−2·0	0·60
Cherat ...	25·608	+·028	N 20 W	7·1	76·7	59·2	87·2	+0·8	97·6	70·4	+3·7	59·1	33	− 4	0·5	0·14	−1·42	1	−1·7	0·14
Parachinar ...	...	...	Calm	1·5	71·7	56·7	82·7	+3·1	93·0	56·4	+0·7	44·6	39	− 7	1·7	1·88	−0·63	5	−2·1	0·65
Drosh (b) ...	24·955*	−·047	E	(c) 1·9	67·5	56·8	84·3	+2·1	94·2	62·1	+2·9	51·2	53	− 1	2·3	1·25	−0·70	2	−2·1	0·74
Mount Abu ...	25·939	0	S 66 W	6·6	79·6	59·6	88·6	+0·6	94·4	72·0	+0·9	61·0	29	− 9	0·7	0·98	−0·08	1	−0·6	0·98
Pachmarhi ...	26·525	−·003	N 62 W	4·6	83·2	64·2	97·0	+1·5	101·2	76·6	+1·6	71·7	34	− 3	6·1	0	−0·61	0	−1·7	0
Mercara ...	(f) 26·136	−·001	N 82 W	4·4	70·3	65·6	82·2	+2·1	89·0	64·3	+0·1	59·0	78	− 8	5·5	2·55	−3·10	4	−4·7	0·95
Kodaikanal ...	22·796	+·030	N 44 E	5·7	64·5	55·5	72·6	+3·2	75·8	55·8	+1·2	52·3	58	−10	2·7	3·13	−2·89	8	−2·6	1·15
Coonoor (i) ...	24·414	...	S 65 E	(j) 3·4	72·2	62·5	76·1	...	78·5	58·0	...	55·5	59	...	3·2	2·67	...	6	...	0·96
CEYLON																				
Colombo ...	29·806	+·009	S 43 W	3·4	79·1	76·6	87·8	−0·3	89·1	77·8	0	74·7	89	+ 4	7·5	7·07	−4·51	13	−0·3	1·60

*Aneroid. (a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 27 days. (f) Mean of 26 days. (i) Mean of 23 days. (j) Mean of 22 days. (a) Mean of 15 days.

MONTHLY WEATHER REPORT

FOR

June 1928

Supplement to the Indian Daily Weather Report for the 14th July 1928

Published by order of the Governor-General in Council

Summary.—The Bombay monsoon appeared on the west coast on the normal date and was active in the Konkan and the Deccan but weak over the rest of the Peninsula, Gujarat and the central parts of the country. The Bay current was active in Burma and northeast India but feeble in the United Provinces.

The active advance of the Arabian Sea monsoon occurred on the Malabar coast on the 3rd and squally weather prevailed over the Southeast Arabian Sea between the 3rd and 7th. The monsoon extended into the south Konkan on the 4th and into the Bombay Deccan on the next day; Mangalore had 4″ on the 4th and Marmagao 5″ and Karwar 13″ on the 5th. Extensive rain with thunderstorms also occurred in the central Deccan on the 3rd, Kurnool and Chitaldrug having 3″ each on that day. According to newspaper reports a severe rain-storm blew over Davangere in the Chitaldrug district on the 2nd and caused much damage to property and some loss of life. The Arabian Sea current extended in the Deccan and into the central parts of the country on the 6th and also temporarily into the Punjab through Rajputana on the 8th. It was vigorous in the south Konkan and the north Deccan on the 7th and 8th and in the north Konkan on the 11th and 12th; Ratnagiri had 7″ and Gulbarga 6″ on the 7th, Sholapur 4″ on the 8th and Bombay 17″ in the forty-eight hours between the mornings of the 11th and 13th. The advance of the monsoon was reported to have been responsible for several breaches in the railway lines in the Bombay Deccan and for a severe local storm which passed over Travancore on the 9th, causing much damage to property and the loss of a few lives. The Bombay monsoon weakened generally after the 13th and was feeble till the 19th. It was normally active in the Konkan during the rest of the month but continued to be weak in Malabar. An extension of the Arabian Sea current occurred in the interior of the Peninsula between the 24th and 30th and along and near the western Himalayas on the last day.

2. The Bay current was strong over Burma from the beginning of the month and continued to be active in that area till the 18th. A depression formed at the head of the Bay of Bengal on the 5th, developed into a storm on the 7th and disappeared by the next day. It caused some heavy falls of rain on the Arakan and Chittagong coasts, Akyab and Kyaukpyu having 7″ each on the 6th and Chittagong 9″ on the 7th. The Bay current extended in northeast India and was active there between the 10th and 18th. The activity in that region during the second half of the period was associated with a depression which formed over south Bengal by the 15th and after persisting there for four days filled up on the 19th. It gave extensive and locally heavy rain in south Bengal, Bihar and Chota Nagpur between the 13th and 18th, and caused an extension of the monsoon into the east United Provinces on the 19th. It appears from newspaper reports that the continuous and heavy rain in southwest Bengal caused a high flood in the Cossye river in the Midnapur district as a result of which several houses in the town collapsed and many villages were inundated. The depression was also responsible for a marked strengthening of the monsoon in Lower Burma between the 14th and 16th and in the Central Provinces and east Central India on the 20th and 21st. Some of the noteworthy heavy falls in this period were as follows:—6″ at Cox's Bazar and 5″ at Chittagong on the 13th, 4″ at Naya Dumka on the 14th, 7″ at Tavoy on the 15th, 9″ at Kyaukpyu and 10″ at Burdwan on the 16th, 5″ at Ranchi and 6″ at Hazaribagh on the 18th, 3″ at Pendra on the 20th, and 6″ at Nowgong on the 21st. The Bay current was weak in Burma between the 18th and 22nd and again between the 26th and 28th. It was normally active in northeast India on most of the last twelve days and was particularly strong in Bengal and Burma on the 29th and 30th. Several heavy falls were recorded; Cherrapunji had 18″ on the 22nd, Kyaukpyu 9″ on the 23rd, Bogra 5″ on the 24th and also on the 29th and Saugor Island 10″ on the 30th.

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3. Weather continued more or less disturbed in the Punjab between the 3rd and 10th and rain fell in the Punjab-Kumaon hills and the neighbourhood on most of these days. The rainfall extended into Kashmir on the 10th under the influence of a western disturbance which was passing through the extreme north. The western disturbance was also responsible for numerous duststorms in the Punjab and along the frontier between the 11th and 15th and local rain in the Punjab hills and the United Provinces on the 14th and in the extreme north on the next day. Weather was again disturbed along the frontier and in the Punjab between the 23rd and 25th when numerous duststorms occurred over these regions.

4. The month's total rainfall was in large excess in the North-West Frontier Province and in moderate excess in Burma, Bengal, Orissa, the Konkan, the Bombay Deccan and Hyderabad South. It was in slight excess in east Central India, north Hyderabad, Mysore and the Madras Deccan, in slight defect in the Bay Islands, the east Central Provinces and Malabar and nearly normal in Assam, Bihar, Chota Nagpur, the southwest Punjab and Berar. Over the rest of the country rainfall was in moderate to large defect. Averaged over the plains of India the rainfall of the month was in excess by 11 per cent.

5. The day temperature was low in Upper Burma from the 4th to 8th and was about 8° below normal over the region extending from the Punjab to Bihar and Chota Nagpur between the 6th and 9th and in Bihar and Orissa only between the 16th and 20th. It was high in Baluchistan and Kashmir between the 2nd and 9th and in the east Central Provinces on the first six days of the month. Maximum temperature was markedly low in east Central India between the 20th and 22nd and was above normal in the west Central Provinces between the 24th and 28th. The month's mean maximum temperature was below normal in Upper Burma, Orissa, Chota Nagpur and the Madras Deccan; the minimum was lower than usual in Central India East.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall was in slight defect in the Bay Islands and in moderate excess in Burma. Maximum temperature was below normal in Upper Burma.

Northeast India, including Orissa.—The month's rainfall was in moderate excess in Bengal and Orissa and nearly normal elsewhere. Skies were more clouded than usual in Chota Nagpur and Bihar and humidity was in excess in Chota Nagpur. Maximum temperature was below normal in Orissa and Chota Nagpur.

The United Provinces, Central India and the Central Provinces.—Rainfall was nearly normal in Berar, in slight excess in east Central India and in slight defect in the east Central Provinces; elsewhere it was in moderate defect. Cloud amount was in excess in the Central Provinces East and in defect in the United Provinces East and Central India East. Humidity was above normal in Central India East and below it in west Central India. Minimum temperature was below normal in Central India East.

Northwest India.—The total rainfall of the month was nearly normal in the southwest Punjab, in large excess in the North-West Frontier Province and in large defect elsewhere. Cloud proportion was in defect in the Punjab, the North-West Frontier Province and Rajputana and humidity was below normal in the east and north Punjab and east Rajputana.

The Peninsula.—Rainfall was in slight to moderate defect in Malabar, southeast Madras and the Madras Coast North and in slight to moderate excess elsewhere. Skies were more clouded than usual in the Madras Coast North. Maximum temperature was below normal in the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 6th July 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	30·08	21·58	+8·50	+ 39	−1·7	−0·8	+ 1	+0·9
Assam ...	16·32	17·47	−1·15	− 7	+0·3	0	− 2	+0·3
Bengal ...	20·02	16·05	+3·97	+ 25	−0·4	−0·3	+ 1	+0·9
Bihar and Orissa ...	10·46	9·33	+1·13	+ 12	−1·9	−0·7	+ 2	+1·2
United Provinces ...	2·98	4·79	−1·81	− 38	−1·4	−1·0	+ 3	−0·4
Punjab ...	1·10	1·95	−0·85	− 44	−0·3	+0·7	− 3	−0·6
North-West Frontier Province.	0·89	0·51	+0·38	+ 75	+0·5	+0·3	0	−0·4
Sind ...	0	0·50	−0·50	−100	−1·3	−0·5	0	−0·3
Rajputana ...	0·79	2·31	−1·52	− 66	+0·5	−0·2	− 4	−1·0
Bombay ...	10·40	9·75	+0·65	+ 7	+0·4	+0·2	− 2	+0·1
Central India ...	4·94	5·52	−0·58	− 11	+0·4	−1·1	0	−1·1
Central Provinces ...	5·79	7·52	−1·73	− 23	+1·1	+0·2	− 1	+0·7
Hyderabad ...	7·00	5·49	+1·51	+ 28	+0·1	−0·3	+ 2	−0·3
Mysore ...	3·51	2·89	+0·62	+ 21	+1·1	+0·5	0	+0·6
Madras ...	5·20	7·24	−2·04	− 28	+0·2	+0·6	− 2	+0·6
Mean of India ...	9·93	8·97	+0·96	+ 11	−0·3	−0·2	0	+0·2

TABLE II, JUNE 1928

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	16·15	19·34	− 3·19	− 16	−0·3	+0·1	− 4	+0·4
2. Lower Burma ...	42·55	30·62	+11·93	+ 39	−1·2	−0·8	+ 1	+0·9
3. Upper Burma ...	12·26	8·67	+ 3·59	+ 41	−2·5	−0·7	+ 1	+1·0
4. Assam ...	16·32	17·47	− 1·15	− 7	+0·3	0	− 2	+0·3
5. Bengal ...	20·02	16·05	+ 3·97	+ 25	−0·4	−0·3	+ 1	+0·9
6. Orissa ...	12·75	9·93	+ 2·82	+ 28	−2·2	−1·8	+ 4	+0·7
7. Chota Nagpur ...	9·88	9·19	+ 0·69	+ 8	−2·1	−1·0	+ 5	+1·4
8. Bihar ...	8·98	8·94	+ 0·04	0	−1·7	+0·2	0	+1·6
9. United Provinces, East ...	3·85	5·19	− 1·34	− 26	−1·9	−1·1	+ 4	−0·9
10. Do. do. West ...	2·23	4·44	− 2·21	− 50	−0·7	−0·9	+ 3	+0·1
11. Punjab, East and North ...	1·18	2·47	− 1·29	− 52	−0·1	+0·5	− 5	−0·7
12. Do. Southwest ...	0·97	1·05	− 0·08	− 8	−0·7	+1·0	+ 1	−0·6
13. Kashmir ...	0·45	1·28	− 0·83	− 65	+0·7	+0·3	0	+0·1
14. North-West Frontier Province ...	0·89	0·51	+ 0·38	+ 75	+0·5	+0·3	0	−0·4
15. Baluchistan ...	0·16	0·32	− 0·16	− 50	+1·0	+1·4	− 3	+0·2
16. Sind ...	0	0·50	− 0·50	−100	−1·3	−0·5	0	−0·3
17. Rajputana, West ...	0·17	1·45	− 1·28	− 88	+0·1	−0·9	− 3	−0·7
18. Do. East ...	1·10	2·74	− 1·64	− 60	+0·7	+0·2	− 6	−1·2
19. Gujarat ...	0·35	3·97	− 3·62	− 91	+0·9	+0·6	− 4	0
20. Central India, West ...	2·59	5·06	− 2·47	− 49	+0·7	+0·2	− 5	−0·9
21. Do. do. East ...	7·29	5·98	+ 1·31	+ 22	+0·1	−2·3	+ 5	−1·3
22. Berar ...	6·49	5·95	+ 0·54	+ 9	+0·4	+0·5	− 1	−0·5
23. Central Provinces, West ...	4·72	7·27	− 2·55	− 35	+1·4	+0·2	− 3	+0·6
24. Do. do. East ...	7·05	8·68	− 1·63	− 19	+0·9	−0·1	+ 3	+1·4
25. Konkan ...	36·73	28·44	+ 8·29	+ 29	−0·7	−0·6	+ 2	−0·3
26. Bombay Deccan ...	6·23	5·00	+ 1·23	+ 25	+0·1	+0·2	0	+0·4
27. Hyderabad, North ...	7·38	6·54	+ 0·84	+ 13	−0·3	+0·1	+ 1	+0·3
28. Do. South ...	6·71	4·70	+ 2·01	+ 43	+0·3	−0·5	+ 3	−0·5
29. Mysore ...	3·51	2·89	+ 0·62	+ 21	+1·1	+0·5	0	+0·6
30. Malabar ...	21·52	28·19	− 6·67	− 24	+0·3	+0·4	0	+0·2
31. Madras, Southeast ...	0·72	1·43	− 0·71	− 50	+0·7	+1·2	− 4	+0·3
32. Do. Deccan ...	2·92	2·58	+ 0·34	+ 13	−2·1	−0·4	0	+0·4
33. Do. Coast North ...	2·19	4·33	− 2·14	− 49	+0·8	+0·5	− 2	+1·4

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·660	-·028	S 34 W	4·0	81·7	77·9	85·5	-0·3	87·6	77·9	+0·1	74·5	83	- 4	8·7	16·15	-3·19	18	-2·1	3·73
LOWER BURMA																				
Victoria Point ...	29·639	-·019	S 32 W	6·1	80·1	77·3	84·4	-0·2	86·5	75·8	+0·7	73·1	88	+ 1	8·0	16·72	-11·55	17	-4·9	3·30
Mergui ...	29·709	-·020	...	...	76·9	75·9	84·2	-1·3	89·1	72·3	-1·3	69·0	96	+ 4	9·6	43·36	+13·95	28	+3·7	5·82
Tavoy ...	29·744	-·028	S 27 E	3·0	76·6	75·3	83·0	-1·6	89·8	72·6	-2·4	69·9	94	+ 2	9·2	56·48	+12·24	29	+3·7	6·77
Amherst ...	29·655	...	S 10 W	6·0	77·5	76·0	83·1	...	87·5	74·7	...	72·5	93	...	8·7	54·86	...	29	...	5·55
Rangoon ...	29·675	-·039	S 1 W	3·4	79·4	77·8	85·3	-1·1	90·1	75·5	-0·9	73·3	93	+ 2	9·3	28·05	+10·01	27	+4·0	3·58
Bassein ...	29·644	-·042	S 51 W	3·4	80·2	77·7	86·8	+0·4	91·8	75·7	-0·8	71·3	89	- 3	8·1	27·12	+4·10	23	-0·5	6·89
Diamond Island ...	29·623	-·045	S 44 W	8·8	80·7	77·9	84·9	-0·7	86·8	76·0	-0·9	70·0	88	+ 4	8·6	36·58	+11·89	25	+3·7	7·02
Toungoo ...	29·501	-·058	...	...	79·4	76·4	87·0	-2·0	92·5	74·9	-0·5	72·0	87	- 2	8·6	14·82	+0·68	22	+1·4	2·90
Kyaukpyu ...	29·589	-·056	S 50 E	1·7	80·3	78·7	84·6	-1·6	90·5	76·5	+0·1	74·2	93	+ 3	8·3	72·86	+32·63	27	+2·6	8·56
Akyab ...	29·572	-·060	S 49 E	(d) 11·7	78·9	77·4	83·3	-2·7	87·8	76·2	-1·3	74·5	93	+ 1	9·7	74·68	+27·74	29	+4·7	7·92
UPPER BURMA																				
Minbu ...	29·456	-·045	S 31 E	5·2	80·2	77·0	89·3	-3·0	95·7	76·5	-1·2	72·0	86	+ 4	7·5	8·52	+2·77	15	+5·1	2·40
Yamethin ...	29·015	-·026	...	...	78·8	75·2	89·4	-1·8	94·6	74·6	-0·8	71·5	84	+ 2	8·0	6·68	+1·57	7	-2·1	3·85
Mandalay ...	29·384	-·036	S 8 E	6·4	83·0	75·9	94·9	+0·1	99·8	78·5	-0·1	74·9	71	- 5	7·5	1·94	-3·58	4	-3·3	1·18
Monywa ...	29·352	-·038	S 42 W	3·8	80·8	76·3	90·0	-3·8	97·8	76·7	-1·9	70·6	81	+ 1	8·8	7·43	+1·86	12	+5·2	1·47
Lashio ...	26·922	+·003	S 45 E	2·8	72·6	69·9	80·3	-3·8	84·6	69·0	-0·8	62·8	87	+ 1	7·8	15·83	+6·07	18	+2·7	5·13
Bhamo ...	29·244	-·036	N 10 E	1·6	78·9	76·7	87·7	-2·4	95·1	75·4	+0·9	69·8	90	- 1	9·6	13·40	-0·48	18	-0·6	1·83
Myitkyina ...	29·150	-·022	Calm	2·3	76·9	75·6	(t) 87·7	(t) +0·8	91·4	73·8	-1·2	70·4	94	+ 4	9·9	32·03	+16·90	23	+3·7	7·46
ASSAM																				
Dibrugarh ...	29·234	-·042	S 56 E	1·5	78·2	76·2	87·8	+0·8	96·4	74·0	-0·2	69·2	91	- 1	7·4	22·35	+3·10	21	+1·5	5·25
Sibsagar ...	29·259	-·038	N 89 E	2·2	79·4	77·6	88·0	-0·7	95·0	76·1	0	72·4	92	+ 1	9·8	24·88	+10·67	20	+3·3	7·12
Tezpur ...	29·325	-·035	N 54 E	1·0	79·8	76·6	88·9	+0·1	93·9	75·6	-1·0	72·2	86	- 3	6·2	9·33	-2·67	19	+3·4	1·19
Gauhati ...	29·381	-·039	N 48 E	1·1	81·9	77·7	89·6	+0·1	95·3	77·0	+0·5	73·8	82	- 5	8·1	7·21	-6·62	12	-4·1	1·52
Dhubri ...	29·424	-·056	N 87 E	4·1	80·7	78·2	86·9	+1·0	92·5	76·8	+0·6	74·5	89	- 2	7·7	16·85	-6·97	20	+2·1	2·32
Silchar ...	29·487	-·046	S 87 E	2·2	80·7	77·7	89·8	+0·5	97·8	76·4	+0·3	73·3	87	- 2	8·2	17·31	-4·37	22	+1·2	2·11
BENGAL																				
Cox's Bazar ...	29·539	-·046	S 18 E	1·8	79·7	77·5	84·8	-1·5	91·3	76·5	+0·7	74·6	91	+ 2	8·1	34·04	+2·31	21	+0·9	5·71
Chittagong ...	29·473	-·060	S 31 E	10·9	79·8	76·7	85·8	-1·0	90·2	76·7	-0·1	74·1	87	+ 1	8·3	36·49	+15·70	21	+4·4	8·99
Narayanganj ...	29·495	-·067	S 33 E	5·0	81·4	78·8	89·1	+0·2	94·6	78·1	0	74·2	89	+ 1	9·0	6·38	-6·57	16	+1·2	1·16
Barisal ...	29·504	-·063	S 40 E	2·3	81·7	79·3	87·8	-0·8	95·3	77·5	-0·5	74·1	90	+ 3	7·5	21·19	+4·86	25	+7·8	2·73
Jessore ...	29·472	-·061	S 30 E	3·3	83·0	80·8	90·3	-0·6	98·6	78·5	0	73·5	91	+ 4	9·0	13·52	+0·85	19	+4·7	1·69
Calcutta ...	29·467	-·061	S 25 E	3·7	82·0	79·5	90·0	-1·3	101·3	78·9	+0·1	75·6	89	+ 4	8·7	17·99	+6·09	19	+5·7	2·05
Saugor Island ...	29·475	-·061	S 38 W	13·5	83·7	80·0	87·8	-2·1	93·2	78·4	-2·7	72·7	85	+ 1	8·7	15·67	+4·13	18	+5·7	2·61
Burdwan ...	29·382	-·063	S 32 E	2·3	82·0	78·6	92·3	-0·7	108·4	77·7	-1·2	74·4	86	+ 2	8·7	27·54	+17·30	14	+1·2	9·60
Berhampore ...	29·429	-·059	S 79 E	3·6	82·7	79·5	91·1	-1·0	102·6	78·3	-0·1	74·2	87	0	5·8	11·91	+1·87	16	+3·7	2·07
Mymensingh ...	29·496	-·043	S 82 E	2·8	80·6	77·7	87·3	-0·2	93·0	77·1	0	73·8	87	- 2	9·6	18·77	+0·06	20	+1·8	5·09
Bogra ...	29·456	-·050	S 80 E	2·9	81·1	78·4	91·6	+2·3	94·5	76·0	-1·2	72·8	88	+ 1	9·2	26·85	+12·82	23	+8·3	4·92
Dinajpur ...	29·399	-·049	S 87 E	3·7	81·3	78·5	88·8	-0·6	94·8	78·0	+0·9	71·1	88	0	7·9	15·20	+1·15	18	+3·9	2·84
Jalpaiguri ...	29·265	-·058	S 81 E	1·3	81·3	77·9	90·6	+2·0	95·8	76·4	+0·7	73·2	86	- 3	8·4	14·72	-9·01	21	+3·1	2·20
ORISSA																				
Balasore ...	29·426	-·051	S 45 W	1·9	82·7	78·9	90·6	-2·0	97·7	78·3	-0·4	73·9	84	+ 2	7·8	12·77	+2·70	14	+2·4	2·26
Hukitala (False Point)	29·479	-·050	S 74 W	9·5	...	...	...	...	...	...	...	...	...	...	7·3	15·73	+7·09	13	+2·8	3·12
Cuttack ...	29·434	-·040	S 85 W	1·6	82·4	78·3	92·7	-2·5	105·6	77·1	-2·7	73·2	83	+ 4	8·0	11·49	+1·41	16	-4·4	2·29
Sambalpur ...	29·023	-·042	S 33 W	(c) 2·9	82·5	76·6	94·9	-2·2	111·8	78·1	-2·4	73·2	77	+ 5	7·0	11·03	+0·11	12	-1·0	1·75
CHOTA NAGPUR																				
Chaibasa ...	28·747	-·049	S 38 W	2·8	81·5	76·7	93·1	-0·8	108·0	77·3	-0·5	68·8	80	+ 2	7·5	7·80	-0·96	11	-0·7	1·87
Ranchi ...	27·378	-·039	S 61 W	3·5	78·4	73·6	87·9	-3·3	103·8	73·6	-1·5	64·6	81	+ 7	7·5	9·24	-0·44	12	-0·2	5·00
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12·60	+3·47	15	+3·9	6·00

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (t) Mean of 12 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. Dry bulb.	MEAN 8 H. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month.	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·392	−·049	E	3·3	81·2	78·1	89·7	−1·8	97·0	77·8	+0·4	74·0	87	0	8·0	8·97	−2·13	18	+6·0	2·23
Darbhanga ...	29·328	−·055	S 81 E	3·5	83·2	77·8	92·3	−0·1	103·2	78·5	−0·2	75·7	78	− 5	7·8	7·10	−0·93	7	−2·0	2·79
Patna ...	29·309	−·033	N 83 E	6·1	84·0	78·3	94·2	−1·5	107·1	79·8	0	74·9	77	0	7·0	5·77	−2·35	8	−0·1	2·10
Gaya ...	29·101	−·048	S 74 E	2·2	86·6	79·0	96·9	−2·2	111·5	80·5	−0·2	76·0	72	− 1	4·6	4·47	−2·92	5	−3·2	1·17
Naya Dumka ...	29·004	−·046	S 79 E	2·7	81·9	78·3	90·4	−2·8	106·7	78·9	+0·8	75·5	85	+ 5	9·1	18·58	+8·51	18	+5·8	4·50
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·246	−·030	E	3·7	84·5	79·1	95·2	−1·6	108·5	78·3	−0·9	71·6	78	+ 1	2·9	3·48	−3·93	8	−0·1	1·56
Benares ...	29·220	−·043	N 65 E	4·6	85·6	78·7	97·2	−3·1	109·6	80·5	−1·3	75·9	74	+ 6	5·4	5·55	+0·56	7	+0·8	1·68
Allahabad ...	29·158	−·041	N 68 E	5·3	89·3	78·0	102·6	+0·5	111·8	82·6	−0·1	75·6	60	− 1	4·1	0·70	−4·26	3	−2·4	0·34
Cawnpore ...	29·053	−·040	S 86 E	2·7	88·0	79·1	101·3	−1·0	110·6	81·3	−1·4	72·1	68	+ 7	2·9	2·61	−0·71	6	+1·6	0·88
Lucknow ...	29·106	−·038	N 79 E	1·9	85·9	78·4	98·6	−2·8	108·9	80·4	−1·2	73·5	71	+ 7	2·1	4·04	−0·43	8	+2·5	1·48
Bahraich ...	29·068	−·048	S 75 E	2·9	83·7	77·7	94·5	−3·6	107·8	78·2	−1·5	71·3	74	+ 2	2·4	6·71	+0·69	9	+2·2	2·35
UNITED PROVINCES, WEST																				
Jhansi ...	28·654	−·056	N 79 W	7·3	91·2	75·7	104·8	+1·0	111·6	84·5	−0·1	70·6	49	− 6	3·7	0·86	−3·44	2	−3·4	0·48
Agra ...	28·909	−·047	S 30 W	6·1	91·4	75·8	105·0	−0·6	110·6	83·1	−0·3	72·2	47	+ 3	2·7	0·90	−1·45	4	+0·2	0·39
Mainpuri ...	28·858	−·033	S 55 E	2·5	89·8	79·6	103·3	−0·4	110·0	80·4	−2·3	73·4	63	+ 5	3·0	1·77	−0·71	6	+2·0	0·48
Bareilly ...	28·933	−·016	S 83 E	2·4	85·4	79·4	97·7	−2·3	106·6	78·9	−1·3	72·1	77	+ 8	4·8	2·99	−2·15	8	+2·7	0·98
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·64	−1·49	2	−1·8	1·30
Roorkee (c) ...	28·594	−·032	S 57 E	(d) 3·5	86·3	76·4	99·8	−1·0	107·7	78·4	−0·4	71·6	63	+ 3	4·3	1·44	−3·48	5	−0·6	0·59
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·03	−2·76	9	−0·7	1·87
PUNJAB, EAST AND NORTH																				
Delhi ...	28·786	−·010	S 38 E	3·5	87·7	75·9	102·2	−1·1	108·5	83·0	−0·6	73·5	57	+ 2	2·8	2·19	−0·80	5	+1·0	1·06
Hissar ...	28·723	−·044	S 21 W	5·0	89·7	75·0	106·2	−0·6	113·5	82·1	−1·3	69·1	49	− 1	1·1	1·55	−0·09	3	+0·1	1·07
Ambala ...	28·580	−·040	S 61 E	4·4	88·8	75·1	103·9	+1·2	110·4	80·9	+0·6	70·5	52	− 7	3·1	1·54	−2·21	3	−2·0	0·68
Ludhiana ...	28·655	−·034	S 75 E	2·3	89·5	74·8	105·4	+0·7	111·3	81·1	−0·1	73·0	49	− 3	2·1	0·94	−1·59	3	−0·6	0·52
Lahore ...	28·745	−·037	S 43 E	2·0	90·1	76·1	106·5	−0·6	112·8	83·3	+2·8	75·1	51	0	1·2	1·07	−0·61	3	+0·1	0·78
Sialkot ...	28·631	−·031	S 69 E	2·1	91·3	73·6	106·3	+1·2	111·5	81·0	+0·3	72·7	41	−11	1·0	0·56	−1·90	2	−1·6	0·33
Rawalpindi ...	27·827	−·030	S 79 E	2·5	91·6	70·4	102·1	−1·5	108·5	77·5	+1·8	70·0	33	−12	1·8	0·40	−1·84	1	−2·5	0·36
PUNJAB, SOUTHWEST																				
Khushab ...	28·831	−·037	N 68 E	5·8	92·3	73·6	106·3	−1·0	113·5	82·7	+0·2	70·7	39	− 3	0·4	1·08	−0·29	3	+0·6	0·68
Lyallpur ...	28·822	−·030	S 8 E	2·5	89·2	75·2	105·1	−1·0	112·3	82·5	+0·3	71·1	51	+ 2	1·3	2·78	+1·45	2	0	2·43
Montgomery ...	28·865	−·043	S 12 E	4·1	91·6	75·8	107·2	−1·5	111·0	85·1	+1·2	77·8	46	+ 5	1·0	0	−0·88	0	+1·4	0
Multan ...	29·026	+·001	S 19 W	2·6	91·7	77·2	109·2	+0·9	115·6	86·9	+2·2	82·0	50	− 1	0·3	0	−0·62	0	−1·2	0
Khanpur ...	29·131	...	S 37 W	1·2	89·4	83·2	110·8	...	115·6	82·1	...	78·0	76	...	0·5	0	...	0	...	0
KASHMIR																				
Srinagar ...	24·664	−·038	N 45 W	2·6	70·3	62·1	88·1	+5·1	94·8	57·1	−1·2	50·3	63	−15	1·6	0·35	−1·13	2	−1·6	0·18
Gulmarg (f) ...	21·744	−·019	N 32 E	(g) 3·8	61·8	53·0	69·9	+2·3	77·1	45·5	+0·9	37·4	60	−13	3·0	1·43	−2·02	4	−4·7	0·56
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·93	−1·71	4	−3·7	0·27
Dras ...	20·709	−·014	S 45 W	5·4	56·5	47·5	71·5	−0·9	80·1	44·1	+2·0	37·6	55	− 4	2·7	0·17	−0·41	0	−2·1	0·13
Leh ...	19·631	−·023	S 30 E	2·8	53·6	43·8	71·5	−0·6	83·6	46·2	+1·8	40·0	49	+ 7	5·6	0	−0·18	0	−0·7	0
Skardu ...	22·697	−·031	S 45 W	2·5	66·5	57·1	82·2	+1·1	92·4	57·0	+0·3	50·0	57	+10	3·3	0·01	−0·26	0	−0·7	0·01
Gilgit ...	24·790	−·137	E	0·5	70·8	61·4	90·2	−2·8	96·8	65·2	−1·9	57·8	58	+13	3·0	0·25	−0·10	1	−0·2	0·11
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·374	−·028	N	0·9	89·3	73·6	108·6	+2·0	116·0	77·9	+0·6	72·0	45	+ 2	0·9	0·02	−0·34	0	−1·0	0·02
Dera Ismail Khan ...	28·850	−·037	N 63 E	1·5	91·0	77·2	106·9	−0·9	113·8	81·5	0	69·6	52	− 2	1·3	1·75	+1·08	1	−0·3	1·75
BALUCHISTAN																				
Fort Sandeman ...	25·152	−·018	S 75 W	2·7	79·6	64·6	101·4	+1·4	106·3	72·9	+0·8	63·2	45	+ 6	0·5	0·11	−0·70	1	−0·7	0·11
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·86	+0·45	3	+2·0	0·60
Quetta ...	24·433	−·015	S	2·1	74·2	59·1	93·8	+2·7	99·9	57·3	−1·2	49·5	43	− 4	0·3	0	−0·15	0	−0·4	0
Chaman ...	25·400	−·057	S 30 W	5·6	82·6	58·3	100·3	+1·1	109·5	74·0	+2·5	68·1	16	−18	1·1	0	−0·02	0	0	0
Kalat ...	24·564	−·036	N 45 W	2·7	67·7	56·7	88·8	−2·0	93·8	54·2	+4·1	46·2	51	+10	0·7	0	−0·22	0	−0·5	0
Dalbandin ...	26·779	−·046	S 82 W	6·0	84·6	58·9	109·1	+1·8	113·9	73·9	+1·0	63·0	16	−11	1·0	0	−0·02	0	−0·1	0
Mirjawa ...	26·881	...	N 77 W	9·2	82·9	61·7	104·1	...	109·7	74·1	...	56·9	26	...	0·6	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (f) Mean of 26 days. (g) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·230	−·037	S 42 E	3·1	92·2	80·0	113·0	−1·1	118·5	85·0	+0·3	78·5	58	+1	0·1	0	−0·20	0	−0·4	0
Hyderabad ...	29·386	−·014	S 43 W	12·6	87·4	77·4	103·7	−0·6	109·9	81·9	0	77·8	62	−1	0·4	0	−0·45	0	−0·7	0
Karachi ...	29·514	−·014	S 78 W	13·1	83·8	79·2	88·5	−2·2	90·4	80·8	−1·7	77·6	81	+1	7·4	0	−0·86	0	−0·6	0
RAJPUTANA, WEST																				
Bikaner ...	28·705	−·029	S 40 W	9·3	89·1	75·0	106·7	−0·6	111·7	83·3	−2·0	72·7	50	−4	0·8	0·32	−1·30	2	−0·4	0·11
Jodhpur ...	28·739	−·027	S 45 W	7·2	86·3	74·7	104·6	+0·8	109·4	82·5	+0·3	77·3	56	−1	2·9	0·02	−1·43	0	−2·1	0·02
RAJPUTANA, EAST																				
Jaipur ...	28·108	−·024	N 76 W	4·4	89·5	74·0	105·4	+1·8	110·0	82·8	+1·3	78·2	47	−6	0·6	0·64	−1·66	3	−0·8	0·31
Ajmer ...	27·946	−·024	S 74 W	7·2	85·0	73·0	(d) 100·5	−0·1	104·5	81·4	−0·3	73·4	55	−6	3·2	0·72	−1·69	2	−0·5	0·37
Kotah ...	28·656	−·049	N 82 W	5·3	91·5	74·8	105·5	+0·5	109·8	85·2	−0·3	76·8	44	−5	1·9	0·62	−2·32	3	−1·1	0·30
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·42	−0·88	3	−1·6	1·10
GUJARAT																				
Deesa ...	29·126	−·002	S 65 W	11·6	86·1	76·3	103·7	+1·5	107·8	80·7	+0·2	78·0	62	−6	7·2	0·07	−2·11	0	−3·1	0·07
Bhuj ...	29·222	−·018	S 78 W	11·1	85·6	76·4	95·3	−2·1	99·6	79·6	−0·3	77·3	64	−9	4·0	0	−1·79	0	−2·3	0
Dwarka ...	29·556	−·009	S 82 W	14·2	84·7	79·6	88·7	−0·5	89·9	82·5	+0·4	81·2	80	−1	4·9	0	−2·14	0	−2·3	0
Rajkot ...	29·151	−·020	S 67 W	14·6	85·2	76·0	102·0	+2·3	106·3	79·5	+1·7	77·0	64	−9	6·5	0	−4·31	0	−5·0	0
Veraval ...	29·611	+·005	N 86 W	10·6	83·3	79·7	86·7	+0·6	88·6	82·0	+0·8	80·6	85	0	5·9	0·02	−4·45	0	−4·3	0·02
Surat ...	29·598	−·004	S 55 W	5·7	85·5	79·5	93·0	−0·1	96·9	80·7	+1·1	72·6	76	−2	7·4	2·21	−6·13	3	−5·0	1·01
Bhavnagar ...	29·561	−·010	S 71 W	8·0	86·5	78·2	102·8	+3·2	107·0	81·1	+0·9	74·9	68	−5	6·2	0·21	−3·95	1	−3·8	0·13
Ahmadabad ...	29·467	+·017	S 77 W	5·8	86·1	77·5	103·9	+2·6	107·0	80·6	−0·3	76·0	67	−3	5·3	0·32	−4·01	1	−4·1	0·26
CENTRAL INDIA, WEST																				
Neemuch ...	27·934	−·046	S 68 W	(c) 5·8	83·3	73·4	99·0	+0·6	111·1	78·1	+0·5	74·8	61	−7	1·8	1·12	−3·30	2	−3·0	0·94
Indore ...	27·761	−·045	N 72 W	8·2	81·1	73·5	96·1	+0·8	102·5	75·5	−0·1	70·4	70	−2	6·6	4·05	−1·65	8	+0·5	1·33
CENTRAL INDIA, EAST																				
Nowgong ...	28·737	−·035	N 87 W	2·5	88·8	79·1	102·0	−0·3	112·9	80·2	−2·6	72·0	66	+9	3·4	9·99	+3·95	8	+1·9	5·50
Sutna ...	28·436	−·047	S 81 W	3·3	88·3	75·5	100·2	+0·5	112·3	79·8	−2·0	71·8	56	0	5·0	4·59	−1·33	5	−1·4	3·12
BERAR																				
Akola ...	28·551	−·042	N 80 W	7·1	83·2	74·1	99·6	+0·8	109·8	78·9	+0·9	70·3	65	0	7·0	7·12	+1·74	7	−1·0	2·82
Amraoti ...	28·364	−·034	S 79 W	8·3	83·8	74·4	97·8	0	106·9	77·5	+0·1	69·5	65	−3	3·9	5·87	−0·65	7	−1·7	2·41
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·521	−·047	N 85 W	8·7	83·6	75·2	101·0	+2·7	108·2	79·7	+0·9	72·3	67	+1	4·6	3·87	−1·55	6	−1·0	1·85
Hoshangabad ...	28·556	−·030	S 71 W	4·4	85·3	74·0	102·4	+3·0	108·7	80·6	+1·2	69·4	59	−7	6·8	2·66	−3·51	5	−3·2	0·81
Saugor ...	27·723	−·044	N 88 W	6·1	84·0	72·3	99·1	+0·7	106·2	76·7	−1·4	66·4	57	−4	5·6	2·60	−3·87	7	−1·1	0·99
Jubbulpore ...	28·176	−·054	N 78 W	2·6	84·5	74·6	98·1	+0·3	107·9	78·6	−0·3	71·5	64	+3	5·9	5·28	−2·04	8	−1·0	1·73
Seoni ...	27·524	−·048	N 55 W	4·0	84·1	72·4	95·7	+0·9	106·4	75·7	+0·6	63·9	59	−5	5·1	8·16	−1·15	9	−2·5	2·05
Nagpur ...	28·533	−·037	N 57 W	3·9	85·5	73·4	99·6	+0·7	110·7	79·4	+0·4	69·9	58	−6	7·2	5·77	−3·19	8	−2·3	1·90
CENTRAL PROVINCES, EAST																				
Pendra ...	27·485	−·053	N 89 W	5·0	82·8	74·4	93·8	+0·4	106·5	75·0	−1·0	69·1	69	+4	7·3	9·78	+1·25	14	+1·8	2·60
Raipur ...	28·534	−·058	S 40 W	4·4	84·1	74·9	97·1	−0·2	112·5	78·6	−0·2	71·5	68	+2	7·9	7·10	−1·91	11	+1·2	2·20
Kanker ...	28·231	...	S 77 W	6·0	82·8	73·7	95·0	...	112·5	76·8	...	63·3	65	...	7·0	6·23	...	10	...	1·16
Chanda ...	28·916	−·052	S 75 W	2·8	86·0	74·6	100·4	+1·4	112·5	80·2	+0·5	72·8	60	−3	5·7	5·31	−2·35	10	+0·3	1·55
Jagdalpur ...	27·752	−·052	S 68 W	1·5	80·4	76·2	92·4	+2·1	106·1	74·6	+0·5	69·1	83	+8	7·7	5·99	−3·52	12	+0·1	0·85
KONKAN																				
Bombay ...	29·623	−·020	N 86 W	7·3	82·8	78·3	89·4	+1·1	94·9	78·7	+0·3	72·6	81	−1	7·1	27·71	+9·40	16	+1·7	9·87
Ratnagiri ...	29·479	−·023	S 53 W	6·2	79·7	76·6	84·6	−2·1	91·0	76·2	−1·1	72·1	87	+4	6·5	37·52	+8·70	21	+0·8	6·93
Marmagao ...	29·655	−·018	S 45 W	1·7	...	...	...	...	...	...	...	...	...	...	7·1	31·30	+1·71	21	+0·5	4·93
Karwar ...	29·680	−·021	N 73 W	2·8	78·9	75·9	84·1	−1·0	92·3	75·3	−0·9	71·7	87	+2	8·0	50·41	+13·38	24	+1·0	13·03
BOMBAY DECCAN																				
Malegaon ...	28·193	−·023	S 79 W	7·1	82·5	74·1	97·0	+1·0	105·1	74·7	−0·4	69·5	67	−1	7·1	6·30	+1·97	6	−0·8	2·39
Ahmadnagar ...	27·533	−·010	N 70 W	5·4	79·6	71·7	92·3	+0·3	101·5	71·7	−0·2	67·4	68	−5	3·2	10·80	+5·98	11	+3·7	2·80
Poona ...	27·820	−·027	N 88 W	7·1	79·0	72·3	91·0	+1·4	100·7	73·5	+0·9	69·7	72	−1	6·9	1·75	−3·02	4	−3·6	0·81
Sholapur ...	28·080	−·036	S 82 W	7·4	79·8	72·8	93·7	+0·1	104·7	73·6	0	69·0	71	+3	6·6	6·91	+2·23	7	+0·4	3·95
Bijapur ...	27·737	−·021	W	7·8	77·1	71·8	89·9	−1·6	103·1	72·1	+0·1	70·0	77	+2	7·8	4·54	+1·26	8	+2·5	1·82
Belgaum ...	27·172	−·017	S 69 W	3·9	72·4	69·9	81·1	−0·3	94·6	68·9	+0·7	65·5	88	+2	8·6	7·09	−1·05	10	−3·5	2·01
HYDERABAD, NORTH																				
Aurangabad ...	27·750	−·036	N 86 W	12·7	78·2	71·5	94·5	+0·4	103·1	73·1	+0·3	70·0	72	+2	8·7	5·66	+0·23	9	+1·5	2·05
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·67	−4·12	7	−1·5	1·86
Nizamabad ...	28·351	−·055	S 78 W	3·6	81·1	72·9	96·1	−1·0	107·1	76·9	−0·2	71·7	68	0	4·4	11·82	+6·43	11	+2·7	4·25

(a) Reports only rainfall. (c) Mean of 29 days. (d) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·153	−·028	S 89 W	10·4	78·5	72·5	94·5	−1·2	107·0	73·8	−0·3	70·5	74	+ 2	5·1	9·57	+4·88	10	+2·8	5·70
Raichur ...	28·337	−·047	S 65 W	6·9	79·3	73·2	94·5	−0·7	110·4	72·6	−2·5	70·0	75	+ 6	3·1	8·16	+4·60	9	+3·0	2·75
Hyderabad ...	27·923	−·030	N 76 W	6·7	80·1	72·8	96·0	+1·5	106·1	75·5	−0·6	70·1	70	0	7·0	3·76	−0·83	10	+3·4	0·76
Hanamkonda ...	28·702	−·050	N 72 W	7·7	84·6	74·8	98·7	+1·4	110·2	81·0	+1·4	75·5	64	+ 4	7·3	5·33	−0·63	9	+1·0	1·31
MYSORE																				
Chitaldrug ...	27·321	−·027	S 74 W	7·7	73·7	70·0	85·9	−0·5	98·2	70·5	+0·5	68·2	83	+ 5	8·5	6·18	+3·34	8	+2·2	2·79
Bangalore ...	26·763	−·020	S 83 W	10·0	72·8	67·7	86·9	+2·0	94·5	67·6	+0·7	64·8	77	− 4	8·5	2·51	−0·38	5	−0·8	1·11
Mysore ...	27·251	−·030	S 69 W	(d) 7·7	73·6	68·8	86·4	+1·9	95·5	68·5	+0·4	65·7	78	− 2	8·1	1·84	−1·09	3	−3·2	1·07
MALABAR																				
Mangalore ...	29·677	−·028	S 81 E	5·2	79·0	76·3	85·4	+0·2	90·2	74·9	+0·4	72·1	88	+ 1	8·2	25·65	−11·13	23	−1·6	4·10
Calicut ...	29·732	−·033	E	3·8	78·5	75·8	85·4	+1·1	92·8	74·7	−0·5	72·0	88	− 2	8·8	28·10	−5·98	24	−0·1	3·34
Cochin ...	29·772	−·030	N 10 W	5·5	79·9	76·7	84·7	−0·6	90·2	75·7	+0·9	73·0	85	− 1	7·7	18·45	−10·94	22	−2·2	2·50
Trivandrum ...	29·562	−·046	N 44 W	6·9	78·6	75·8	83·4	+0·3	87·5	76·5	+0·9	74·1	88	+ 1	8·7	13·88	+0·49	16	−0·9	2·92
MADRAS, SOUTHEAST																				
Tinnevelly (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·56	0	−1·4	0
Pamban ...	29·674	−·032	S 34 W	9·7	84·1	75·5	89·5	−0·6	91·8	80·8	+0·7	76·9	79	+ 1	3·4	0	−0·13	0	−0·4	0
Madura ...	29·245	−·028	N 80 W	0·7	86·2	74·4	98·0	+0·2	104·2	80·1	+2·7	78·0	56	− 7	7·8	0·05	−1·32	0	−2·3	0·03
Negapatam ...	29·667	−·024	S 80 W	3·6	83·7	76·8	99·5	+1·8	104·8	81·7	+2·2	79·1	61	− 5	5·9	0·30	−1·00	1	−1·3	0·25
Trichinopoly (c) ...	29·442	−·036	S 57 W	8·5	87·0	74·3	95·8	−0·2	103·9	80·3	+1·7	78·2	52	−10	5·4	0·14	−1·27	1	−1·2	0·12
Coimbatore ...	28·372	−·040	S 36 W	7·1	78·6	74·8	88·5	−0·8	95·7	72·5	+0·7	70·1	84	+ 4	4·3	0·41	−1·25	2	−2·6	0·20
Salem ...	28·798	−·025	S 45 W	6·0	80·9	74·6	96·9	+1·6	102·5	76·1	−1·5	72·0	74	− 1	6·1	3·29	+0·27	5	−0·3	1·68
Cuddalore ...	29·639	−·030	S 62 W	7·8	87·6	78·7	100·1	+1·4	107·1	81·4	+1·3	74·4	66	− 1	5·4	2·08	+0·54	1	−1·7	1·94
Madras ...	29·619	−·048	S 43 W	6·5	88·3	74·7	101·1	+2·1	106·5	82·7	+1·6	76·5	51	−11	5·5	0·24	−1·65	0	−3·7	0·08
MADRAS, DECCAN																				
Cuddapah ...	29·245	−·024	N 51 W	...	85·3	75·5	97·6	−2·4	105·6	79·8	−0·6	72·4	62	+ 1	7·5	2·43	−0·50	4	−0·5	0·85
Bellary ...	28·195	−·040	N 84 W	7·7	80·3	70·1	92·9	−2·0	102·0	75·8	−0·1	70·6	59	− 3	6·1	1·03	−0·84	2	−1·6	0·65
Kurnool ...	28·725	−·043	N 83 W	7·6	80·5	73·3	95·2	−1·8	105·3	76·7	−0·6	73·6	70	+ 2	7·2	5·29	+2·36	5	−0·6	2·90
MADRAS COAST NORTH																				
Nellore ...	29·564	−·034	N 76 W	5·4	88·1	76·3	101·3	0	109·1	83·1	+1·1	77·0	56	− 4	7·9	0·42	−0·86	1	−1·9	0·28
Masulipatam ...	29·561	−·052	N 80 W	7·5	86·4	77·1	98·9	+0·8	110·7	81·5	+1·0	74·5	65	−11	8·3	1·17	−3·34	4	−2·3	0·43
Cocanada ...	29·550	−·047	S 88 W	5·1	85·6	78·8	98·5	+2·6	107·4	81·0	+0·1	76·5	73	− 3	8·5	1·59	−3·22	5	−1·7	0·52
Vizagapatam ...	29·500	−·056	N 81 W	9·9	86·1	80·3	92·2	+1·0	102·6	82·4	+2·2	77·1	77	+ 3	9·6	0·82	−4·04	3	−3·8	0·30
Calingapatam ...	29·515	−·041	S 75 W	7·9	84·0	80·5	92·7	0	102·2	80·5	+0·5	74·6	82	+ 3	6·7	3·26	−1·46	5	−1·7	1·20
Gopalpur ...	29·453	−·051	S 49 W	7·3	84·6	80·9	90·0	+0·4	96·5	78·8	−1·6	71·0	85	+ 2	6·6	5·87	+0·05	10	+2·1	2·57
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN																				
Maymyo ...	26·209	−·042	S 23 W	1·2	71·0	67·9	76·6	−1·3	80·2	65·2	−1·0	60·6	86	− 1	6·9	8·79	−0·03	11	−2·0	3·28
Shillong ...	24·899	−·044	N 56 E	2·9	67·4	65·1	74·5	+0·1	78·2	63·5	+0·5	59·0	88	+ 5	8·3	13·80	−2·57	20	+0·6	1·56
Cherrapunji ...	25·458	−·042	S 45 E	6·8	66·9	65·7	71·8	−0·3	77·6	65·0	+1·0	63·0	94	0	9·4	83·62	−12·30	29	+4·3	18·32
Darjiling ...	22·781	−·038	N 52 E	1·6	61·1	59·9	66·5	+0·3	71·8	57·9	+1·4	53·8	93	− 1	9·9	28·40	+4·14	27	+6·2	5·68
Mukteswar ...	22·690	−·016	N 86 W	7·7	62·1	57·1	71·9	−1·6	78·2	52·8	+1·4	54·1	75	+ 1	5·7	3·83	−3·30	6	−4·9	1·01
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·47	−7·44	11	−1·6	1·50
Chakrata ...	23·233	+·014	S 64 W	7·0	65·0	58·2	73·1	−1·0	80·1	59·4	−0·6	51·9	68	− 3	5·7	5·00	−3·12	9	−1·7	1·50
Simla ...	22·952	−·017	S	1·8	66·9	55·9	74·3	+1·2	80·1	60·1	−0·6	52·5	52	−12	5·9	3·05	−4·08	7	−2·9	1·05
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·32	...	10	...	2·40
Murree ...	23·843	+·012	S 43 E	4·5	73·7	59·5	81·0	−0·4	87·5	65·8	+1·5	54·2	45	− 6	1·0	1·45	−2·41	5	−0·6	0·52
Cherat ...	25·476	−·001	N 20 W	5·7	80·0	62·1	92·2	+1·8	102·3	68·8	−4·4	57·8	35	− 7	0·4	0	−1·38	0	−2·2	0
Parachinar ...	24·246	−·020	Calm	0·8	78·0	60·5	88·1	+0·2	94·8	63·0	−0·8	58·0	37	− 3	1·2	0·57	−1·56	4	−0·6	0·16
Drosh ...	(b) 24·769	−·094	N 45 E	3·2	77·6	62·3	93·7	+1·5	100·8	70·8	+2·4	61·4	42	− 5	1·3	0·13	−0·61	1	−0·9	0·12
Mount Abu ...	25·790	−·022	S 50 W	8·2	72·8	65·7	(e) 78·2	−5·2	87·9	68·4	−0·1	64·2	70	− 3	5·6	1·77	−3·45	2	−4·3	1·18
Pachmarhi ...	26·176	−·029	N 70 W	5·6	75·7	68·5	89·1	+1·7	98·3	71·6	−0·5	65·1	70	− 1	7·7	3·20	−6·46	6	−4·7	1·42
Mercara ...	26·072	−·018	S 77 W	6·5	65·8	65·0	71·2	−1·1	82·1	63·0	−0·1	61·0	96	+ 2	10·0	21·40	−4·96	26	+2·3	2·50
Kodaikanal ...	22·699	−·014	N 82 W	8·8	58·8	53·9	65·8	+0·5	73·4	53·6	0	50·8	74	− 2	6·9	2·49	−1·57	10	+0·1	0·38
Coonoor ...	24·353	...	N 81 W	5·4	67·4	60·2	72·1	...	76·5	59·7	...	51·5	67	...	7·2	0·93	...	4	...	0·40
CEYLON																				
Colombo ...	29·770	−·024	S 59 W	4·6	80·1	76·4	86·1	0	88·4	77·9	+0·6	72·6	84	− 1	8·8	7·74	−0·17	12	−1·3	1·32

* Aneroid. (a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (b) Mean of 20 days.

MONTHLY WEATHER REPORT

FOR

July 1928

Supplement to the Indian Daily Weather Report for the 15th August 1928

Published by order of the Governor-General in Council

Summary.—Both branches of the monsoon were active except in parts of northwest India. Three depressions moved westwards through the central parts of the country and caused copious rainfall over the region extending from southwest Bengal to Gujarat.

The month began with a vigorous monsoon over Burma, the Central Provinces and the Gangetic plain associated with a depression which appeared over the east Central Provinces on the 2nd. The depression remained practically stationary till the 4th and later moved westwards into Rajputana and filled up there on the 6th. It caused heavy rain in its neighbourhood between the 1st and 4th and an extension of monsoon into Gujarat, Rajputana and Sind between the 2nd and 6th. By this time the monsoon had also become established over the United Provinces and advanced into the Punjab. It was vigorous over the region extending from north Burma to Bihar on the 6th and 7th and over the United Provinces and the east and north Punjab between the 7th and 10th. Some of the noteworthy heavy falls during the first ten days of the month were as follows:—Seoni and Pachmarhi 6″ each on the 3rd, Neemuch 6″, Ludhiana 3″ and Mussooree 5″ on the 4th, Purnea 5″ on the 6th, Mandalay 5″ on the 6th and again on the 7th, Bogra 5″ on the 7th and Bareilly 5″ and Roorkee 6″ on the 8th. The Arabian Sea current in this period was active on the west coast except on the 6th and 7th and extended intermittently in the interior of the Peninsula. During the next five days both branches of the monsoon were generally active except in parts of northwest India and several heavy falls were registered; Cherrapunji had 31″ in the seventy-two hours between the mornings of the 11th and 14th, Gorakhpur 4″ on the 12th and Karwar 5″ on the 14th and 6″ on the 15th.

2. The second depression of the month formed in the north Bay of Bengal on the 17th and on the next morning developed into a storm with its centre about two hundred miles southeast of Calcutta. Moving in a northwesterly direction it lay as a deep depression over the Central Provinces on the 20th and filled up over west Central India on the 22nd. It caused heavy rain in the United Provinces on the 16th and over the region extending from southwest Bengal to Gujarat between the 16th and 20th and a northward extension of the monsoon in northwest India between the 21st and 23rd; Dehra Dun had 8″ on the 16th, Nowgong 7″ on the 17th, Daltonganj 6″ on the 18th, Pendra 6″ on the 19th, Dwarka 5″ on the 19th and again on the 20th, Porbandar 22″ in the twenty-four hours between the 19th and 20th, Roorkee 6″ on the 22nd and Mount Abu 6″ and Lyallpur 4″ on the 23rd. The storm caused gales and squally weather in the north Bay of Bengal and was, according to the newspaper reports, responsible for local storms in several districts in Lower Burma resulting in the loss of a few lives and some damage to property. Closely following the above storm another formed at the head of the Bay of Bengal on the 24th and crossed the coast near False Point on the next day. It then moved northwestwards into east Central India and filled up there on the 28th. The storm caused very heavy rain in the neighbourhood of its track between the 25th and 27th and strengthened the monsoon in Rajputana and the West United Provinces between the 26th and 28th; Hukitala had 15″ and Sambalpur 8″ on the 25th, Pachmarhi 7″ on the 26th and 10″ on the 27th, Indore and Agra 4″ on the 26th, Hoshangabad 6″ on the 27th and Mount Abu 5″ on the 28th. Heavy rain caused by the above two storms resulted in floods in parts of the Central Provinces and Gujarat and several breaches in the railway lines were reported. Conditions became again unsettled in the north Bay of Bengal on the last two days of the month, and the monsoon was generally weak outside Burma and northeast India between the 29th and 31st.

3. The month's rainfall was in large excess in west Central India, in slight to moderate excess in Upper Burma, Bengal, Bihar and Orissa, the southwest Punjab, Gujarat, the Central Provinces proper, the Konkan, Mysore and southeast Madras and in moderate to large defect in Sind, the

North-West Frontier Province, Kashmir, Berar and Malabar. It was in slight defect in Lower Burma, the east and north Punjab, Baluchistan and north Hyderabad and nearly normal elsewhere. Averaged over the plains of India, the rainfall of the month was in excess by 3 per cent.

4. The day temperature was low in the Central Provinces between the 2nd and 4th and in Rajputana and Gujarat on the 5th and 6th; it was high over east Rajputana and Central India between the 10th and 12th. Mean temperature was above normal in the Punjab, Kashmir and the North-West Frontier Province between the 16th and 20th and over west Rajputana on the 20th, 21st and 22nd. Maximum temperature was again low by about 7° in the Central Provinces, west Central India and east Rajputana between the 26th and 28th. The month's mean maximum temperature was above normal in the North-West Frontier Province and below it in Upper Burma and the Madras Deccan.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was within 20 per cent of the normal. Maximum temperature was below normal in Upper Burma.

Northeast India, including Orissa.—The total rainfall of the month was nearly normal in Assam, and in slight to moderate excess elsewhere. Humidity was below normal in Assam and above it in Chota Nagpur.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was in moderate excess in the Central Provinces proper, in large excess in west Central India and in moderate defect in Berar. Other climatic elements were normal except for an excess of the cloud amount in the west United Provinces.

Northwest India.—The total rainfall of the month was in slight defect in the Punjab East and North and Baluchistan and in moderate to large defect in Kashmir, the North-West Frontier Province and Sind; it was in slight excess in Gujarat and nearly normal elsewhere. Cloud proportion was in excess in Kashmir and Baluchistan and humidity was above normal in Kashmir and below it in Sind. Maximum temperature was higher than usual in the North-West Frontier Province.

The Peninsula.—The month's rainfall was in slight excess in the Konkan and Mysore, in moderate excess in southeast Madras and in slight to moderate defect in north Hyderabad and Malabar. Maximum temperature was below normal in the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 7th August 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	21·84	24·14	−2·30	− 10	−0·9	−0·1	0	+0·6
Assam ...	15·38	16·96	−1·58	− 9	+1·1	−0·1	− 5	−0·7
Bengal ...	19·53	17·30	+2·23	+ 13	+0·2	−0·2	− 1	+0·2
Bihar and Orissa ...	17·14	13·18	+3·96	+ 30	−0·9	−0·3	+ 1	+0·5
United Provinces ...	12·22	12·13	+0·09	+ 1	−0·9	−0·3	+ 2	+0·4
Punjab ...	4·76	5·32	−0·56	− 11	+0·4	+0·6	0	−0·5
North-West Frontier Province.	0·79	1·71	−0·92	− 54	+2·3	+1·1	− 2	+0·4
Sind ...	0·57	2·23	−1·66	− 74	+0·2	+0·2	− 5	−0·2
Rajputana ...	6·01	6·34	−0·33	− 5	−0·4	+0·3	− 1	+0·7
Bombay ...	15·30	13·32	+1·98	+ 15	−0·4	−0·1	+ 1	+0·2
Central India ...	15·10	11·48	+3·62	+ 32	−0·9	−0·5	+ 3	−0·3
Central Provinces ...	16·51	13·29	+3·22	+ 24	−1·2	−0·1	+ 2	+0·1
Hyderabad ...	6·76	7·35	−0·59	− 8	−0·8	−0·2	+ 3	−0·8
Mysore ...	3·77	3·31	+0·46	+ 14	+0·4	+0·6	+ 1	+0·1
Madras ...	6·29	7·23	−0·94	− 13	−0·9	+0·2	0	+0·4
Mean of India ...	12·46	12·10	+0·36	+ 3	−0·4	0	0	+0·2

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	16·00	15·25	+ 0·75	+ 5	−0·2	+0·4	− 3	+0·4
2. Lower Burma ...	30·59	34·79	− 4·20	− 12	+0·4	+0·1	− 1	+0·4
3. Upper Burma ...	10·59	8·92	+ 1·67	+ 19	−2·6	−0·3	+ 1	+0·8
4. Assam ...	15·38	16·96	− 1·58	− 9	+1·1	−0·1	− 5	−0·7
5. Bengal ...	19·53	17·30	+ 2·23	+ 13	+0·2	−0·2	− 1	+0·2
6. Orissa ...	19·85	13·62	+ 6·23	+ 46	−1·0	−0·2	+ 1	+0·4
7. Chota Nagpur ...	15·81	13·10	+ 2·71	+ 21	−1·5	−0·6	+ 5	+0·7
8. Bihar ...	15·78	12·87	+ 2·91	+ 23	−0·6	−0·3	− 1	+0·4
9. United Provinces, East ...	10·53	11·60	− 1·07	− 9	−1·7	−0·2	+ 1	−0·4
10. Do. do. West ...	13·68	12·58	+ 1·10	+ 9	+0·1	−0·4	+ 2	+1·3
11. Punjab, East and North ...	5·79	6·83	− 1·04	− 15	+0·7	+0·6	− 1	−0·6
12. Do. Southwest ...	2·96	2·68	+ 0·28	+ 10	−0·1	+0·6	+ 2	−0·3
13. Kashmir ...	1·16	1·70	− 0·54	− 32	−0·7	+0·5	+ 5	+0·8
14. North-West Frontier Province ...	0·79	1·71	− 0·92	− 54	+2·3	+1·1	− 2	+0·4
15. Baluchistan ...	0·73	0·96	− 0·23	− 24	−0·6	−0·1	− 1	+0·5
16. Sind ...	0·57	2·23	− 1·66	− 74	+0·2	+0·2	− 5	−0·2
17. Rajputana, West ...	3·61	3·39	+ 0·22	+ 6	−0·9	+1·4	+ 1	+0·2
18. Do. East ...	7·21	7·81	− 0·60	− 8	−0·1	−0·4	− 1	+1·1
19. Gujarat ...	10·85	9·23	+ 1·62	+ 18	−0·9	−0·3	+ 2	+0·3
20. Central India, West ...	15·67	9·38	+ 6·29	+ 67	−1·7	−0·7	+ 2	0
21. Do. do. East ...	14·53	13·58	+ 0·95	+ 7	−0·2	−0·3	+ 3	−0·7
22. Berar ...	5·03	9·01	− 3·98	− 44	−1·1	+0·7	− 1	−1·3
23. Central Provinces, West ...	19·59	14·07	+ 5·52	+ 39	−1·3	−0·4	+ 2	+0·3
24. Do. do. East ...	17·64	14·27	+ 3·37	+ 24	−1·2	0	+ 3	+0·3
25. Konkan ...	38·09	31·63	+ 6·46	+ 20	−0·1	−0·3	+ 1	−0·3
26. Bombay Deccan ...	6·05	6·55	− 0·50	− 8	0	+0·3	0	+0·5
27. Hyderabad, North ...	6·40	8·24	− 1·84	− 22	−1·5	−0·2	+ 3	−0·2
28. Do. South ...	7·03	6·69	+ 0·34	+ 5	−0·4	−0·2	+ 3	−1·1
29. Mysore ...	3·77	3·31	+ 0·46	+ 14	+0·4	+0·6	+ 1	+0·1
30. Malabar ...	17·80	24·40	− 6·60	− 27	+0·7	+0·7	0	−0·1
31. Madras, Southeast ...	2·61	2·07	+ 0·54	+ 26	−0·9	+0·6	0	+0·8
32. Do. Deccan ...	3·57	3·52	+ 0·05	+ 1	−2·1	−0·3	− 1	+0·5
33. Do. Coast North ...	5·48	5·37	+ 0·11	+ 2	−1·4	−0·4	+ 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Bay Islands																				
Port Blair ...	29·681	−·010	S 48 W	7·7	81·2	77·3	85·2	−0·2	87·6	77·9	+0·4	73·5	83	− 3	8·6	16·00	+0·75	19	−0·5	3·97
Lower Burma																				
Victoria Point ...	29·652	−·006	S 43 W	8·5	80·3	77·3	84·7	+1·3	88·6	76·7	+2·0	71·9	87	− 1	7·3	10·95	−19·08	14	−8·5	2·21
Mergui ...	29·718	−·005	...	...	78·4	76·8	86·0	1·6	91·3	73·2	+0·2	70·6	93	0	8·6	31·32	−0·13	25	−0·3	6·76
Tavoy ...	29·771	−·008	S 12 E	2·9	77·8	75·8	85·4	+2·1	90·5	72·9	−1·4	69·5	92	− 1	8·3	46·04	−3·18	25	−1·8	6·55
Amherst ...	29·681	...	S 33 W	5·6	78·9	76·5	83·4	...	86·7	75·3	...	72·6	89	...	8·7	42·31	...	24	...	6·55
Rangoon ...	29·705	−·003	S 4 W	3·8	79·2	77·4	85·2	−0·1	90·2	75·3	−0·5	70·2	92	0	9·5	29·55	+8·13	26	+0·9	4·72
Bassein ...	29·683	+·002	S 35 W	3·0	79·8	77·3	86·7	+1·5	91·6	75·4	−0·7	70·0	89	− 4	7·9	24·13	−0·42	23	−2·9	3·03
Diamond Island ...	29·648	−·018	S 28 W	10·4	81·5	78·4	84·8	+0·2	87·2	76·7	+0·5	69·0	87	+ 1	7·3	27·96	+2·49	20	−3·3	3·49
Toungoo ...	29·525	−·025	...	...	79·0	76·7	85·1	−1·8	89·6	75·4	+0·5	72·2	90	− 1	9·4	17·67	+0·03	23	−1·4	2·17
Kyaukpyu ...	29·615	−·024	S 48 E	2·2	79·5	77·9	85·3	+0·3	88·4	76·5	+0·5	72·5	92	+ 1	9·8	40·64	−6·69	28	+1·4	4·70
Akyab ...	29·668	−·011	S 43 E	10·1	79·2	77·7	83·2	−1·4	85·9	77·0	0	74·8	93	− 1	9·7	47·02	−7·78	27	−0·6	7·21
Upper Burma																				
Minbu ...	29·483	−·008	S 29 E	4·5	80·4	77·2	88·8	−2·1	95·1	77·3	−0·1	74·8	86	+ 3	7·3	2·40	−2·12	6	−3·2	0·78
Yamethin ...	29·041	+·009	...	...	78·0	75·2	86·6	−3·1	90·7	74·6	−0·3	72·4	87	+ 3	8·9	5·53	+1·62	12	+2·7	1·12
Mandalay ...	29·410	+·005	S 17 E	4·8	81·6	76·8	89·5	−5·2	94·4	78·1	−0·5	74·7	80	+ 5	8·1	15·23	+11·94	11	+5·3	5·15
Monywa ...	29·376	+·006	S 47 E	3·1	81·1	77·4	88·3	−6·1	94·9	77·2	−1·9	74·2	84	+ 4	8·0	8·40	+5·66	9	+4·1	3·32
Lashio ...	26·922	+·016	S 43 E	2·5	74·1	71·1	81·4	−1·7	88·2 (b)	69·8	−0·2	65·7	86	− 2	7·7	11·46	−0·54	16	−1·5	1·83
Bhamo ...	29·234 (c)	+·051	S 79 W	1·0 (d)	79·3	76·8	87·4	−0·8	94·5	76·1	+1·2	71·0	89	− 4	9·4	15·58	−1·20	20	+0·3	2·24
Myitkyina ...	29·168	+·017	Calm	1·1	78·7	77·1	87·8	+0·7	96·0	74·9	−0·6	72·4	92	0	9·8	15·52	−3·65	19	−2·3	2·41
Assam																				
Dibrugarh ...	29·258	+·006	S 83 E	1·3	80·2	78·0	88·8	+2·1	99·6	75·3	−0·1	72·5	91	− 3	6·5	19·91	−1·88	20	−2·1	3·65
Sibsagar ...	29·279	+·005	N 85 E	2·0	82·1	78·5	90·6	+1·4	97·2	78·2	+0·5	74·9	85	− 7	9·3	15·73	−1·28	16	−3·5	1·60
Tezpur ...	29·343	+·006	N 51 E	1·0	81·7	78·3	90·4	+1·2	97·0	77·0	−0·6	73·9	86	− 5	6·2	10·46	−3·97	16	−1·5	2·65
Gauhati ...	29·411	+·017	N 39 E	1·0	83·8	79·2	91·0	+0·8	96·9	78·2	+0·2	75·7	81	− 7	7·4	5·23	−6·51	12	−2·9	1·14
Dhubri ...	29·456	+·001	S 77 E	3·3	81·1	78·6	86·8	+0·9	92·4	77·9	−0·3	75·1	90	− 1	7·0	24·89	+7·84	20	+3·9	4·11
Silchar ...	29·522	+·010	N 82 E	2·0	82·0	78·6	90·1	+0·1	98·6	77·1	−0·1	74·2	86	− 4	7·6	16·04	−3·70	19	−3·6	1·94
Bengal																				
Cox's Bazar ...	29·571	−·003	S 27 E	1·4 (b)	80·2	78·0	84·9	−0·7	88·9	76·9	+0·7	74·2	90	− 1	7·2	16·31	−18·58	18	−4·1	4·80
Chittagong ...	29·515	−·001	S 37 E	9·7	80·1	77·3	86·2	+0·3	90·8	77·3	+0·7	74·6	88	− 1	8·3	20·93	−1·47	17	−1·6	5·10
Narayanganj ...	29·546	+·004	S 30 E (c)	4·8 (h)	82·5	79·5	88·7	+0·5	93·0	78·6	−0·3	76·0	87	− 2	8·2	14·35	+1·37	17	−0·2	2·35
Barisal ...	29·556	+·008	S 41 E	1·4	82·2	79·8	87·3	−0·1	92·1	78·1	−0·4	74·1	89	0	6·6	19·83	+4·23	23	+2·6	2·97
Jessore ...	29·530	+·014	S 32 E	3·5	81·8	79·3	89·4	+0·3	93·7	78·7	−0·2	74·7	89	+ 1	9·1	18·34	+6·14	20	+2·7	4·14
Calcutta ...	29·522	+·011	S 23 E	3·7	81·9	79·6	88·8	+0·2	93·2	79·1	+0·4	76·3	90	+ 2	8·7	22·12	+9·61	21	+3·2	2·70
Saugor Island ...	29·520	+·002	S 27 W	12·9	82·8	79·4	86·2	−1·6	89·2	78·6	−1·7	74·7	85	− 2	8·4	29·52	+14·87	20	+4·2	10·38
Burdwan ...	29·439	+·007	S 29 E	2·9	81·8	78·8	89·7	−0·4	96·4	78·3	−0·9	73·0	87	0	9·2	17·38	+4·81	17	+1·3	3·32
Berhampore ...	29·485	+·015	S 42 E	3·8	83·1	80·1	89·6	0	94·6	78·5	−0·4	75·0	87	− 3	9·1	13·65	+2·80	16	+0·1	2·80
Mymensingh ...	29·533	+·018	S 61 E	2·2	82·2	79·2	88·0 (b)	+0·5	93·9	77·9	−0·4	74·5	87	− 3	8·8	10·93	−5·53	20	+0·2	1·95
Bogra ...	29·500	+·015	S 63 E	1·8	82·2	79·5	91·3	+2·4	93·2	77·8	−0·7	72·8	88	− 1	8·1	19·10	+6·04	18	+1·4	5·04
Dinajpur ...	29·431	+·008	S 65 E	2·8	82·2	79·5	88·7	−0·6	95·8	79·4	+0·7	73·5	89	− 1	7·7	20·99	+5·49	19	+1·9	3·35
Jalpaiguri ...	29·290	−·005	E	1·2	81·1	78·5	89·9	+1·4	98·8	77·1	0	72·1	89	− 3	7·5	30·42	−0·86	23	+1·1	4·25
Orissa																				
Balasore ...	29·468	+·003	S 52 W	3·1	82·4	79·4	87·9	−1·5	91·8	78·8	+0·4	75·6	87	+ 1	7·6	16·01	+5·11	16	+1·9	4·50
Hukitala (False Point)	29·509	−·007	S 74 W	11·6	...	...	...	...	...	...	...	...	...	...	...	26·93	+15·09	15	+0·5	14·55
Cuttack ...	29·476	+·011	S 72 W	1·7	82·2	78·7	89·2	−0·8	93·6	78·0	−0·6	75·2	85	+ 2	7·7	16·46	+4·75	16	+0·5	2·96
Sambalpur ...	29·066	+·005	S 51 W	3·2	80·5	77·3	87·1	−0·6	91·8	76·9	−0·4	74·4	86	+ 1	8·0	19·98	−0·04	19	−0·4	7·89
Chota Nagpur																				
Chaibasa ...	28·789	+·006	S 32 W	2·5	80·4	77·5	88·4	−2·0	93·6	77·2	−0·3	73·3	87	+ 5	8·5	11·25	−0·84	14	−1·4	1·65
Ranchi ...	27·414	+·016	S 18 W	3·6	75·7	73·7	83·7	−0·9	88·7	72·6	−0·9	69·4	91	+ 4	8·6	19·33	+4·56	21	+3·5	3·46
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16·84	+4·40	18	+0·6	3·31

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) Mean of 28 days. (h) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·426	+·010	S 79 E	2·6	82·3	79·1	88·6	−1·1	96·0	78·4	−0·4	74·0	86	− 4	7·3	18·26	+3·99	15	−1·8	4·85
Darbhanga ...	(b) 29·358	−·003	N 72 E	2·3	(b) 82·4	(b) 79·0	89·6	+0·1	95·8	78·1	−1·4	75·4	(b) 84	− 3	8·1	18·00	+6·36	20	+5·8	3·66
Patna (b) ...	29·344	+·018	S 85 E	4·8	82·4	79·2	90·3	−0·2	96·5	80·0	+0·2	76·0	86	0	8·2	8·91	−3·03	17	+3·1	1·61
Gaya ...	29·137	−·001	S 13 E	2·3	83·0	79·1	91·4	−0·6	97·7	78·9	−0·1	74·6	83	+ 1	5·6	14·55	+1·55	19	+3·8	3·05
Naya Dumka ...	29·051	+·016	S 63 E	2·1	81·1	78·4	88·3	−1·2	92·8	77·9	0	73·9	88	+ 2	9·0	19·20	+5·72	21	+3·1	2·70
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·267	+·012	E	3·0	82·6	79·3	89·6	−1·4	98·2	78·5	−0·5	71·1	86	− 1	4·2	18·02	+4·59	17	+2·8	3·98
Benares ...	29·246	−·004	S 81 E	5·1	82·4	78·8	89·6	−2·6	97·2	79·3	−0·4	75·1	85	+ 3	8·7	10·85	−0·69	17	+3·1	2·91
Allahabad ...	29·181	−·007	S 21 W	5·1	83·4	78·9	91·5	−1·3	99·1	79·5	−0·3	75·6	82	+ 2	8·8	7·37	−4·34	9	−4·7	3·23
Cawnpore ...	29·076	−·001	S 34 E	3·0	84·5	80·1	92·6	−1·2	99·6	79·8	−0·5	75·3	82	+ 2	6·2	5·16	−5·39	11	−1·3	1·55
Lucknow ...	29·127	−·002	N 76 E	1·6	83·1	79·1	90·4	−2·0	97·8	79·4	−0·1	74·1	84	+ 2	6·8	10·13	−1·32	12	−1·1	2·33
Bahraich ...	29·072	−·024	S 69 E	2·8	83·5	79·2	90·4	−1·7	98·4	79·4	+0·4	74·7	82	− 1	2·5	11·63	+0·73	10	−2·0	4·20
UNITED PROVINCES, WEST																				
Jhansi ...	28·678	−·015	S 87 W	7·3	83·4	77·7	94·2	+1·7	104·0	79·3	−0·1	75·8	77	− 1	5·4	9·17	−2·49	12	−1·4	3·01
Agra ...	28·932	−·007	S 36 W	6·4	85·1	78·4	96·1	+1·1	104·3	80·7	+0·5	76·9	74	+ 4	8·4	7·11	−2·91	8	−3·4	3·58
Mainpuri (b) ...	28·982	+·006	N 86 E	(c) 2·3	84·2	79·5	94·4	−0·8	101·9	78·6	−2·9	72·3	80	+ 2	7·4	4·64	−2·66	6	−4·0	1·82
Bareilly ...	28·953	+·023	N 80 E	1·3	82·2	78·8	92·0	−0·3	98·2	79·0	+0·1	74·7	86	+ 2	8·7	18·56	+5·17	10	−2·5	4·87
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·10	−0·59	10	+0·1	2·36
Roorkee ...	28·602	−·005	S 29 E	2·8	81·7	77·8	91·0	−1·2	98·8	77·4	−0·7	72·0	84	+ 4	7·0	19·38	+7·38	13	+1·1	6·22
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28·80	+3·21	24	+4·1	8·04
PUNJAB, EAST AND NORTH																				
Delhi ...	28·820	+·042	S 47 E	3·8	84·8	78·6	95·3	−0·4	107·5	81·6	+0·5	76·1	75	+ 1	6·1	2·02	−5·51	6	−2·9	0·66
Hissar ...	28·759	+·007	S	5·3	86·8	74·8	99·1	−1·5	109·3	81·6	−0·3	75·5	67	+ 1	2·9	3·02	−0·74	6	+0·7	1·20
Ambala ...	28·605	+·001	S 65 E	3·6	84·7	78·6	96·5	+1·1	109·9	79·6	+0·5	71·6	77	− 2	6·4	11·24	+3·89	5	−4·7	4·20
Ludhiana ...	28·681	+·006	S 35 E	2·0	86·6	78·8	99·0	+1·7	112·3	80·7	+0·2	72·0	71	− 1	4·2	5·48	−2·72	7	−1·3	3·41
Lahore ...	28·773	+·008	S 37 E	1·8	88·8	80·1	102·1	+1·5	111·1	83·0	+2·3	73·3	68	− 1	3·5	4·14	−1·34	4	−1·8	2·84
Sialkot ...	28·655	+·006	S 83 E	1·5	86·5	78·5	98·2	+0·5	112·8	78·5	−1·4	69·5	71	− 1	2·6	11·12	+3·25	11	+2·6	2·69
Rawalpindi ...	27·847	+·014	N 73 E	3·1	87·7	76·9	99·0	−1·1	109·4	79·2	+2·4	69·3	61	− 7	3·3	3·51	−4·12	3	−5·7	1·65
PUNJAB, SOUTHWEST																				
Khushab ...	28·866	+·014	N 88 E	(c) 5·4	89·7	79·8	103·2	+0·6	111·8	82·9	+0·4	69·7	69	− 3	3·0	5·34	+1·70	5	+0·6	3·25
Lyallpur ...	28·859	+·016	S 37 E	2·6	88·7	79·6	101·5	−0·7	109·5	83·4	+1·1	71·5	67	+ 4	3·5	4·48	+1·65	2	−1·7	3·81
Montgomery ...	28·898	+·007	S 10 E	4·2	90·1	80·2	102·9	−1·6	111·0	84·1	+0·2	74·2	64	+ 6	1·8	1·05	−1·17	3	−0·1	0·43
Multan ...	29·025	+·018	S 33 E	3·6	90·3	80·8	104·8	+0·5	114·6	85·2	+0·7	77·9	65	+ 1	1·3	0·97	−1·05	1	−1·2	0·92
Khanpur ...	29·152	...	S 37 W	2·6	89·4	81·7	106·8	...	115·0	82·0	...	75·0	71	...	2·4	6·50	...	1	...	6·50
KASHMIR																				
Srinagar ...	24·648	+·011	N 66 W	1·8	72·5	66·1	89·3	+3·6	97·8	64·0	−0·4	58·1	72	− 9	4·0	0·68	−1·64	3	−2·0	0·17
Gulmarg ...	21·757	+·027	N 33 E	2·7	64·3	57·6	71·5	+1·5	79·0	51·4	+0·7	43·5	70	− 5	4·1	1·76	−2·14	8	−0·8	0·36
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·73	+0·06	13	+3·9	0·72
Dras ...	20·735	+·028	S 56 W	6·9	61·1	53·1	74·9	−2·6	84·7	51·1	+2·9	41·4	62	+ 2	5·2	1·00	+0·41	1	−0·4	0·92
Leh ...	19·625	+·009	S	2·0	58·0	49·7	76·9	0	84·3	51·1	+1·0	45·2	59	+ 5	4·9	0·48	+0·02	1	−0·2	0·18
Skardu ...	22·661	+·010	S 45 W	2·1	70·2	63·6	86·2	−0·6	97·9	63·2	+1·5	56·0	71	+24	4·8	0·24	−0·22	1	0	0·12
Gilgit ...	24·757	−·089	S 45 W	0·7	73·0	64·2	99·5	−6·2	109·4	69·1	−2·7	59·8	62	+15	5·2	0·29	−0·28	0	−1·6	0·09
NORTH-WEST FRONTIER PROVINCE									✓			✓								
Peshawar ...	28·387	+·015	N 24 W	0·4	89·5	78·6	106·6	+2·9	115·8	82·1	+2·5	76·8	61	0	2·5	0	−1·24	0	−2·0	0
Dera Ismail Khan ...	28·875	+·010	N 60 E	1·8	89·9	80·4	105·1	+1·8	113·0	82·4	−0·3	72·5	65	− 4	3·5	1·57	−0·61	2	−0·7	1·32
BALUCHISTAN																				
Fort Sandeman ...	25·162	+·032	N 45 E	(c) 2·8	79·6	67·7	99·8	−0·3	107·7	74·7	0	64·6	54	− 3	1·6	2·46	+0·40	3	−0·6	1·30
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·63	−1·86	3	−1·9	0·75
Quetta ...	24·432	+·040	S	2·2	74·2	63·3	95·5	+2·1	101·1	62·9	−1·7	50·3	56	0	1·8	0·16	−0·47	1	−0·3	0·16
Chaman ...	25·401	+·008	S 32 W	4·9	81·6	58·1	100·6	−0·5	106·6	75·6	+0·5	67·7	20	−17	1·9	0	−0·09	0	−0·2	0
Kalat ...	23·557	+·014	Calm	3·6	65·9	59·3	89·6	−3·3	94·8	57·6	+1·8	46·7	68	+21	1·9	0·12	−0·47	1	−0·3	0·12
Dalbandin ...	26·765	+·011	S 39 W	5·1	83·6	60·2	108·4	−0·9	113·5	74·9	−1·0	64·6	21	− 8	1·5	0	−0·04	0	−0·2	0
Mirjawa ...	26·924	...	N 63 W	8·8	81·9	64·1	103·6	...	108·9	75·2	...	70·1	35	...	0·3	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (b) Mean of 30 days. (c) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·269	+·022	S 52 E	2·6	91·0	79·0	107·7	−1·0	115·7	85·2	+0·4	78·5	57	− 9	1·3	0·40	−0·49	1	−0·3	0·40
Hyderabad ...	29·402	+·038	S 44 W	9·9	87·2	77·3	101·5	+2·3	109·1	82·3	+1·2	79·9	62	− 6	4·8	0·52	−2·33	1	−2·0	0·51
Karachi ...	29·509	+·012	S 83 W	11·3	82·6	78·6	87·8	−0·6	90·2	79·8	−1·1	77·0	83	0	7·1	0·80	−2·14	1	−1·4	0·78
RAJPUTANA, WEST																				
Bikaner ...	28·725	+·013	S 38 W	8·7	87·0	77·0	100·4	−1·0	107·7	83·0	+0·1	73·7	63	− 2	4·0	3·16	+0·06	4	−0·7	2·24
Jodhpur ...	28·740	+·003	S 45 W	4·9	83·3	76·3	96·7	−0·8	105·0	83·0	+2·7	74·3	72	+ 3	6·7	4·07	+0·38	6	+1·2	1·56
RAJPUTANA, EAST																				
Jaipur ...	28·117	+·010	N 76 W	3·8	83·3	76·0	95·5	+0·8	103·8	79·1	+0·5	74·5	71	− 3	7·1	4·20	−3·82	9	−1·3	1·29
Ajmer ...	27·957	+·021	S 76 W	7·1	81·0	74·3	92·2	+0·4	100·8	77·7	−0·5	72·4	73	− 4	7·4	4·90	−1·56	7	−1·8	1·35
Kotah ...	28·659	−·023	N 79 W	4·7	84·0	77·0	93·3	−1·4	103·6	79·2	−1·3	74·2	73	+ 3	6·8	9·39	−0·11	10	−0·5	2·20
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·37	+3·12	14	+4·6	3·15
GUJARAT																				
Deesa ...	29·115	+·025	S 62 W	8·8	81·4	77·6	92·7	−0·4	101·0	77·7	−0·4	73·0	84	+ 4	9·2	8·96	−0·04	12	+1·9	1·65
Bhuj ...	29·212	+·005	S 84 W	9·3	82·3	77·2	99·8	−0·1	98·0	77·7	−0·5	73·1	78	− 2	6·5	6·81	+0·38	6	−0·2	2·00
Dwarka ...	29·536	+·004	S 83 W	13·0	82·3	75·5	85·8	−1·1	89·3	80·5	−0·2	76·5	85	+ 2	8·1	16·34	+10·31	10	+4·3	5·16
Rajkot ...	29·138	−·003	S 59 W	11·1	80·8	74·2	90·3	−1·0	100·8	77·0	+0·9	74·1	85	+ 3	8·4	9·59	−1·31	15	+4·5	1·65
Veraval ...	29·537	+·014	W	(c) 13·0	80·7	75·3	83·4	−0·4	86·9	79·6	−0·1	76·6	90	+ 2	8·7	8·67	+1·82	10	+0·8	2·88
Surat ...	29·586	+·012	S 53 W	4·6	81·3	78·7	86·4	−1·1	92·1	77·7	0	73·2	89	+ 4	9·0	11·91	−4·79	20	+4·3	2·52
Bhavnagar ...	29·550	+·010	S 72 W	5·8	82·1	75·0	91·7	−1·6	101·2	78·0	−0·6	75·3	83	+ 4	7·9	7·29	+0·57	14	+5·2	1·77
Ahmadabad ...	29·455	+·034	S 69 W	5·8	81·0	73·5	92·0	−1·1	102·6	76·8	−1·7	73·0	82	+ 1	7·5	17·25	+6·02	20	+8·1	2·60
CENTRAL INDIA, WEST																				
Neemuch ...	27·934	−·013	N 84 W	9·4	77·5	74·0	86·5	−1·6	96·1	73·9	−0·6	70·8	85	+ 2	6·4	16·61	+7·72	14	+3·6	5·65
Indore ...	27·760	−·019	N 79 W	7·0	75·3	72·4	83·5	−1·8	92·2	72·1	−0·7	68·9	87	+ 2	9·7	14·73	+4·86	17	+4·4	·74
CENTRAL INDIA, EAST																				
Nowgong ...	28·762	+·003	S 87 W	2·8	82·1	78·5	90·9	+0·2	99·4	78·6	−0·1	75·0	85	+ 4	6·8	21·13	+7·66	13	−0·7	6·82
Sutna ...	28·468	+·001	S 52 W	2·6	81·3	77·6	87·9	−0·6	94·3	77·1	−0·5	68·0	84	+ 2	7·5	7·94	−5·75	14	−1·0	1·58
BERAR																				
Akola ...	28·567	−·014	W	5·7	79·3	74·1	88·6	−0·8	97·0	75·5	+0·9	71·5	78	0	7·0	4·11	−5·16	13	+1·0	0·90
Amraoti ...	28·391	+·004	S 67 W	9·8	78·2	74·0	86·6	−1·3	95·3	71·4	+0·5	71·8	82	− 1	6·4	5·95	−2·81	14	+1·9	1·13
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·531	−·018	S 89 W	7·1	78·3	74·9	87·6	−0·5	99·2	74·7	−0·8	71·0	86	+ 6	6·0	13·43	+4·82	15	+4·0	3·00
Hoshangabad ...	28·567	−·002	S 74 W	3·8	77·3	74·9	85·7	−2·1	94·1	75·3	0	71·2	90	+ 4	9·8	24·83	+9·64	21	+6·2	5·75
Saugor ...	27·734	−·013	W	6·5	76·4	73·6	84·7	−1·4	94·0	72·7	−1·3	66·2	87	+ 3	8·8	20·82	+6·88	16	+0·6	4·50
Jubbulpore ...	28·192	−·026	S 87 W	2·8	77·6	75·0	84·9	−1·8	92·9	74·8	−0·2	69·5	89	+ 4	9·2	24·83	+7·21	17	−0·2	4·35
Seoni ...	27·533	−·023	S 84 W	4·6	76·6	73·3	83·1	−1·2	91·6	72·8	+0·5	69·4	85	0	7·1	21·26	+6·03	16	−1·7	6·35
Nagpur ...	28·570	+·008	N 85 W	4·1	78·5	73·6	87·1	−1·0	94·5	74·7	−0·6	72·5	79	− 3	7·8	12·37	−1·47	13	−3·2	2·86
CENTRAL PROVINCES, EAST																				
Pendra ...	27·518	−·007	S 4 E	4·9	76·2	73·7	83·1	−1·7	88·0	72·8	−0·3	69·4	89	+ 5	9·5	18·79	+5·81	21	+4·2	5·75
Raipur ...	28·578	−·010	S 51 W	3·7	78·7	75·9	86·1	−0·8	92·8	75·0	0	70·1	88	+ 2	7·6	15·16	+0·72	16	+0·6	2·88
Kanker ...	28·273	...	S 69 W	6·4	78·6	73·9	84·5	...	92·6	74·6	...	70·9	80	...	7·7	17·08	...	16	...	3·35
Chanda ...	28·961	−·008	S 57 W	3·5	79·5	75·5	88·4	−0·4	94·8	75·8	0	73·6	82	+ 3	5·2	10·93	−5·17	16	−0·4	2·20
Jagdalpur ...	27·788	−·022	S 65 W	1·7	76·0	73·0	82·1	−1·8	89·1	72·2	+0·2	69·9	87	+ 3	7·9	25·68	+12·13	19	+1·6	3·72
KONKAN																				
Bombay ...	29·637	+·005	S 73 W	8·5	80·7	77·6	85·7	+0·3	89·7	77·0	+0·5	74·9	86	0	8·5	30·93	+6·67	24	+2·7	4·23
Ratnagiri ...	29·503	−·002	S 63 W	8·0	79·6	76·8	83·3	−0·6	86·8	(b) 75·1	−0·9	71·9	88	+ 1	6·0	35·60	+2·62	28	+2·7	3·76
Marmagao ...	29·681	0	S 41 W	2·1	...	...	...	...	...	...	...	...	...	...	9·1	32·77	+1·54	26	+0·5	4·57
Karwar (b) ...	29·720	+·008	S 25 W	4·2	78·3	75·8	83·0	0	88·2	74·7	−0·5	71·3	89	+ 2	8·7	53·05	+14·99	27	0	6·15
BOMBAY DECCAN																				
Malegaon ...	28·201	+·005	S 63 W	7·0	78·5	73·4	87·6	−0·7	95·2	72·9	−0·6	70·6	78	+ 2	9·3	6·02	+1·22	7	−0·8	1·40
Ahmadnagar ...	27·540	+·014	S 71 W	7·2	76·9	71·2	84·3	−1·3	91·5	69·7	−0·8	66·4	75	− 4	5·9	2·78	−1·00	5	−1·7	1·12
Poona ...	27·833	+·002	S 86 W	6·6	75·9	71·6	82·7	−0·1	90·5	71·3	+0·3	69·4	81	− 1	8·4	4·05	−2·96	15	+2·7	0·80
Sholapur ...	28·099	−·008	S 54 W	8·2	77·9	72·5	89·3	+1·3	94·2	72·7	+0·7	70·0	76	+ 1	6·3	3·08	−1·24	6	−1·7	2·02
Bijapur ...	27·797	+·043	W	8·6	75·5	71·0	86·1	−0·7	91·7	71·3	+0·5	70·1	80	+ 1	8·3	3·54	+1·28	6	+1·5	1·13
Belgaum ...	27·199	+·015	S 67 W	4·8	70·8	69·3	77·4	+1·3	84·5	68·7	+1·5	67·1	92	− 1	9·3	16·84	+0·69	21	−0·6	2·68
HYDERABAD, NORTH																				
Aurangabad ...	27·757	−·009	S 77 W	11·2	75·0	71·3	85·0	−1·7	91·3	70·8	+0·1	68·5	83	+ 2	9·5	5·47	−1·01	8	−3·0	1·84
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·02	−1·75	12	+1·6	2·07
Nizamabad ...	28·377	−·015	S 53 W	3·7	76·5	72·6	87·3	−1·4	93·3	73·4	−0·5	71·1	82	+.3	5·4	7·70	−2·78	14	0	1·25

(a) Reports only rainfall. (b) Mean of 30 days. (c) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·190	+·012	S 76 W	8·5	77·3	72·1	89·9	+0·3	95·0	72·7	+0·8	70·2	78	− 2	5·2	4·62	−1·56	5	−5·0	1·70
Raichur ...	28·382	−·001	S 51 W	8·5	77·7	73·2	89·4	−0·9	96·2	72·0	[illegible]·1	70·0	80	+ 4	3·3	6·54	+1·46	10	+0·7	1·85
Hyderabad ...	27·959	+·010	N 88 W	6·8	76·7	71·8	87·4	−0·2	93·8	73·2	−0·1	71·6	79	0	8·4	3·90	−2·59	10	−0·4	1·15
Hanamkonda ...	28·746	−·009	S 76 W	6·5	79·0	74·7	88·4	−0·8	95·0	75·9	−0·3	73·2	81	+ 8	7·5	13·08	+4·09	19	+6·7	2·60
MYSORE																				
Chitaldrug ...	27·363	+·013	S 71 W	8·1	72·1	68·9	83·2	+0·8	89·9	69·4	+0·8	68·0	85	+ 2	9·5	1·44	−1·67	6	−2·4	0·30
Bangalore ...	26·802	+·018	S 80 W	9·9	70·9	67·2	82·4	+0·2	90·4	66·6	+0·6	64·3	82	− 2	8·7	7·19	+3·01	8	−0·4	2·62
Mysore ...	27·293	+·006	S 58 W	6·7	71·5	68·4	82·7	+0·3	91·2	67·5	+0·4	65·9	85	+ 4	7·8	2·70	+0·07	8	+1·4	0·65
MALABAR																				
Mangalore ...	29·733	+·014	S 41 W	5·3	78·4	76·4	83·6	−0·4	86·9	74·3	+0·2	71·7	91	+ 2	8·9	36·27	−0·84	29	+1·8	5·68
Calicut ...	29·787	+·006	N 36 W	4·8	78·4	75·8	85·8	+3·7	89·9	75·0	+0·9	72·4	88	− 4	8·4	17·18	−13·06	22	−4·2	2·21
Cochin ...	29·829	+·010	N 44 W	5·2	79·2	76·4	83·2	−0·7	85·9	75·0	+0·8	72·6	88	+ 1	7·4	14·80	−8·04	22	−2·0	4·61
Trivandrum ...	29·611	−·009	N 49 W	7·9	77·7	75·2	82·2	0	85·5	75·7	+0·9	73·1	89	+ 2	8·7	2·96	−4·45	11	−2·8	0·48
MADRAS, SOUTHEAST																				
*Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·38	0	−0·6	0
Pamban ...	29·721	+·004	S 43 W	7·9	82·4	77·4	87·9	−1·5	92·8	79·2	0	71·9	79	+ 2	4·1	1·96	+1·39	4	+3·3	1·05
Madura ...	29·308	+·024	N 71 W	5·3	82·9	73·7	95·8	−0·9	101·2	77·7	+1·0	72·2	64	0	8·6	4·12	+2·20	4	+1·4	1·75
Negapatam ...	29·720	+·015	S 87 W	5·6	82·8	74·9	94·7	−1·2	101·9	78·9	+0·4	73·1	68	− 1	6·8	5·45	+3·56	3	−0·3	2·64
Trichinopoly ...	29·490	+·007	S 65 W	7·9	83·6	73·3	94·7	−2·6	101·5	77·8	−0·1	71·4	60	− 2	6·1	3·30	+1·73	5	+2·6	1·20
Coimbatore ...	28·425	+·004	S 41 W	7·1	77·4	74·1	86·9	−0·6	91·9	72·0	+1·1	69·8	85	+ 4	4·3	0·91	−0·55	3	−1·3	0·38
Salem ...	28·852	−·019	S 35 W	5·5	77·9	73·7	93·0	−0·2	98·7	74·2	+0·8	71·6	81	+ 3	7·4	3·01	−0·81	9	+1·8	0·79
Cuddalore ...	29·701	+·017	S 67 W	5·6	83·7	76·7	95·3	−0·4	100·6	78·9	+0·6	75·2	72	− 1	7·2	1·69	−1·42	6	−0·5	0·76
Madras ...	29·678	−·006	S 62 W	6·0	84·0	75·0	96·4	+0·5	103·1	80·1	+1·2	74·7	65	− 5	7·8	3·04	−0·90	7	0	1·14
MADRAS, DECCAN																				
Cuddapah ...	29·299	+·021	N 50 W	...	83·2	74·3	93·6	−2·5	98·2	78·2	+0·2	74·2	64	− 3	8·6	2·03	−1·89	4	−2·7	1·06
Bellary ...	28·237	+·001	S 88 W	8·2	78·3	70·0	88·9	−2·3	95·0	74·6	−0·3	70·2	65	− 1	7·4	4·06	+2·21	3	−0·9	2·77
Kurnool ...	28·769	0	S 73 W	5·1	78·3	73·1	90·0	−1·8	96·0	74·2	−0·2	71·9	77	+ 2	8·3	4·61	−0·19	13	+3·5	1·07
MADRAS COAST NORTH																				
Nellore ...	29·629	+·017	S 85 W	4·4	83·4	75·4	95·5	−1·3	102·9	79·3	−0·5	74·8	68	+ 2	8·2	3·80	+1·05	8	+2·5	1·21
Masulipatam ...	29·649	+·006	S 89 W	6·0	81·9	76·8	90·7	−2·0	98·1	78·1	−0·1	73·0	79	− 1	7·5	4·10	−2·34	12	+2·0	1·06
Cocanada ...	29·611	+·010	S 83 W	5·9	81·7	77·0	89·0	−1·8	97·7	77·2	−1·6	74·0	80	− 1	7·8	6·69	+0·86	13	+2·7	1·52
Vizagapatam ...	29·556	+·003	N 85 W	10·5	82·6	78·6	87·0	−2·0	96·6	79·1	+0·5	75·0	83	+ 5	8·5	8·92	+4·43	12	+3·6	2·24
Calingapatam ...	29·567	+·004	S 74 W	8·5	82·6	78·6	88·3	−1·8	94·0	78·6	−0·3	75·2	84	+ 1	6·7	4·88	−0·97	12	+3·1	1·14
Gopalpur ...	29·566	+·009	S 56 W	7·4	84·1	81·1	88·2	+0·5	95·7	78·7	−0·5	75·4	87	+ 3	6·7	4·49	−2·39	11	+1·4	1·18
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN																				
Maymyo ...	26·222	−·011	S 51 W	0·5	70·9	68·5	75·7	−1·2	80·4	65·6	−0·4	62·8	89	+ 1	7·4	16·49	+10·21	15	+3·3	3·15
Shillong ...	24·934	+·004	N 49 E	3·0	69·3	66·3	75·9	+0·6	82·7	64·9	+0·6	63·0	85	− 1	8·5	8·80	−5·68	15	−4·2	1·37
Cherrapunji ...	25·493	+·014	S 40 E	7·5	69·4	67·2	73·0	+0·8	82·6	66·0	+1·0	63·0	90	− 6	9·0	101·11	+2·60	23	−3·9	13·76
Darjiling ...	22·814	+·006	N 41 E	1·8	62·6	61·2	68·3	+1·5	75·7	59·3	+1·3	57·1	93	− 3	9·1	26·31	−6·00	26	+0·6	2·96
Mukteswar ...	22·698	+·017	S 74 W	5·8	61·1	59·8	68·9	−1·2	76·7	59·6	+1·7	56·5	93	+ 2	9·1	13·43	+1·00	18	+0·3	2·38
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	48·93	+15·63	26	+3·6	5·15
Chakrata ...	23·242	+·050	N 45 E	5·5	64·1	62·6	71·1	+1·1	80·3	60·3	+0·3	56·4	93	+ 4	9·0	16·34	−2·86	18	−2·0	2·43
Simla ...	22·945	+·009	S 75 E	1·5	64·1	61·5	71·1	+2·2	78·3	60·0	−0·2	56·4	87	+ 1	9·0	12·94	−3·94	21	+1·5	1·66
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11·60	...	14	...	5·34
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16·86	...	17	...	3·15
Murree ...	23·855	+·055	S 45 E	3·5	69·7	63·7	77·9	+1·1	88·0	64·5	+2·1	53·2	73	− 3	4·2	6·11	−5·73	13	+0·5	0·96
Cherat ...	25·496	+·041	N 20 W	5·9	78·0	69·9	92·5	+3·1	110·3	(l) 70·6	−0·8	54·3	69	+ 2	2·4	0·30	−3·17	1	−3·9	0·30
Parachinar ...	24·260	+·022	Calm	0·7	76·9	64·9	87·6	+0·5	97·3	65·1	−1·2	60·3	54	− 3	2·3	2·29	−1·09	7	+0·5	0·64
Drosh ...	...	...	Calm	4·4	78·1	67·1	95·9	−0·7	110·2	72·9	0	64·8	57	+ 7	2·2	0·42	−0·15	1	−0·5	0·30
Mount Abu ...	25·770	+·003	S 72 W	7·4	68·8	67·3	75·6	+0·2	83·9	66·8	+0·8	63·0	93	0	9·5	24·86	+3·79	22	+5·1	6·25
Pachmarhi ...	26·169	−·004	N 80 W	5·7	69·7	68·2	75·0	−1·7	82·3	67·3	−0·9	63·2	93	+ 2	9·2	49·40	+25·74	23	+1·9	9·54
Mercara ...	26·111	+·021	S 80 W	7·1	64·6	64·1	69·2	+0·3	76·5	62·3	+0·5	60·5	97	+ 1	9·9	25·61	−15·82	27	−1·3	4·46
Kodaikanal ...	22·721	+·018	N 74 W	9·2	56·6	52·9	65·3	+2·1	71·2	52·4	−0·2	50·2	79	− 2	7·4	2·76	−2·26	6	−5·1	1·16
Coonoor (b) ...	24·363	...	S 76 W	(d) 5·3	64·7	59·0	71·4	...	77·0	58·9	...	53·9	72	...	7·7	1·67	...	6	...	0·46
CEYLON																				
Colombo ...	29·802	−·002	S 67 W	4·5	78·7	75·1	85·0	−0·6	86·6	77·6*	+0·6	72·9	84	− 1	9·1	7·58	+2·48	6	−2·2	2·83

* Observations hitherto published under Tinnevelly were actually recorded at Palamkottah.

(a) Reports only rainfall. (b) Mean of 30 days. (d) Mean of 28 days. (l) Mean of 20 days.

MONTHLY WEATHER REPORT

FOR

August 1928

Supplement to the Indian Daily Weather Report for the 15th September 1928

Published by order of the Governor-General in Council

Summary.—A break in the rains continued over northwest India and the central parts of the country during the first fortnight. The monsoon revived in the Central Provinces on the 16th and gradually extended in northwest India. During the last week of the month a depression from the north Bay of Bengal moved through the Central Provinces and Rajputana into the Punjab and caused very heavy rainfall in west Central India, Rajputana, the Punjab and Kashmir.

The unsettled conditions in the north Bay of Bengal at the close of July developed on the 1st August into a depression which disappeared over Bengal the next day after causing heavy rain in southwest Bengal; Calcutta had 6″ and Saugor Island 4″ on the 1st. The month began with a break in the rains over northwest India and the central parts of the country and the activity of the monsoon during the first fortnight was confined mainly to Burma, northeast India and the south of the Peninsula. As is usual with a break of this type rainfall during this period was often heavy in the submontane districts of Assam, Bengal and Bihar and occasionally extended along and near the western Himalayas. The noteworthy heavy falls during this period were as follows:—Mercara 5″ and Bhamo 4″ on the 1st, Bogra and Gaya 4″ each on the 2nd, Cochin 4″ on the 3rd, Dhubri 5″ and Dibrugarh 4″ on the 5th, Chittagong 4″ on the 9th, Cherrapunji and Jalpaiguri 6″ each on the 11th, Darbhanga and Dharampur 3″ each on the 13th and Myitkyina 4″ on the 15th. Heavy rain in Malabar during the first week is reported to have caused floods in several places, and, according to newspaper reports, localized heavy falls in east Bengal and Upper Burma were responsible for some breaches in the railway lines in those areas.

2. The monsoon began to revive in the central parts of the country on the 16th and strengthened generally over northern India on the 20th when extensive rain with locally heavy falls occurred in the Central Provinces, west Central India and east Rajputana. It continued to be active over most of northern India on the next four days; Hoshangabad had 9″ on the 20th, Mussooree 5″ on the 20th and 6″ on the 23rd, Hissar 4″ on the 21st and Bikaner 3″ on the 23rd. Meanwhile, a depression formed in the north Bay of Bengal on the 24th, moved in a northwesterly direction through the Central Provinces and lay over east Rajputana on the 30th. It moved northwards on the 31st and was over the Punjab by the next morning. The depression caused vigorous monsoon in the Konkan, the north Deccan and the region extending from Orissa to Gujarat between the 25th and 28th and gave very heavy falls of rain in west Central India on the 29th, in Rajputana on the 30th and in the Punjab and Kashmir on the next day. Bombay had 6″ on the 27th, Ahmadnagar and Rajkot 5″ each on the 28th, Indore 8″ on the 29th, Jodhpur 6″ on the 30th and Lahore, Sialkot and Srinagar 4″ each, Murree 5″, Lyallpur and Rawalpindi 6″ each, Dipalpur in the Montgomery district 11″ and Punch in Kashmir 10″ on the 31st. As reported in newspapers, heavy rain in the Punjab and Kashmir on the 31st caused serious floods in the Jhelum, the Chenab and the Ravi rivers and several breaches in the railway lines on the North Western Railway. The depression was also reported to have been responsible for floods in the Godavari river resulting in washaways in a number of places on the newly opened section of the Kazipet-Ballarshah Railway and also for floods in parts of west Central India and Rajputana.

3. The month's rainfall was nearly normal in the Bay Islands, Burma, Bengal and Kashmir, in slight to moderate excess in Assam, east Rajputana, the Konkan, the Bombay Deccan, north Hyderabad, Mysore and Malabar and in large excess in west Rajputana and west Central India. It was in slight defect in Orissa, Bihar, Gujarat, Berar, southeast Madras and the Madras Deccan and in moderate to large defect elsewhere. Averaged over the plains of India, the rainfall of the month was in defect by 11 per cent.

4. The day temperature was above normal by about 7° in Bihar and Orissa, the United Provinces and the east and north Punjab between the 10th and 13th and in the Central Provinces

and east Central India between the 8th and 16th, owing to lack of rain in these areas during the above-mentioned periods. It was also high in west Rajputana, the Punjab, Kashmir and the North-West Frontier Province between the 18th and 20th. Maximum temperature was low in west Central India between the 20th and 22nd, and in Rajputana, the Punjab and Kashmir on the last two days. The month's mean maximum temperature was above normal in the United Provinces, the east and north Punjab, the North-West Frontier Province, east Central India, Berar, the Central Provinces and Hyderabad South.

Summary of the Local Conditions

Burma, including the Bay Islands.—All the climatic elements were normal.

Northeast India, including Orissa.—The month's rainfall was normal in Bengal, in slight excess in Assam and in moderate defect in Bihar and Orissa. Humidity was below normal in Bihar.

The United Provinces, Central India and the Central Provinces.—The total rainfall of the month was in large excess in west Central India, in slight defect in Berar and in moderate to large defect elsewhere. Cloud proportion was in defect in the east United Provinces and east Central India and humidity was below normal in the United Provinces, Central India East, Berar and the west Central Provinces. Maximum temperature was above normal except in west Central India.

Northwest India.—The month's rainfall was in slight excess in east Rajputana, in large excess in west Rajputana and in slight defect in Gujarat; it was normal in Kashmir and in moderate to large defect elsewhere. Skies were less clouded than usual in the east and north Punjab. Humidity was above normal in Kashmir and below it in Sind, the North-West Frontier Province and the east and north Punjab. Maximum temperature was above normal in the Punjab East and North and the North-West Frontier Province.

The Peninsula.—The total rainfall of the month was in slight to moderate excess in the Konkan, the Bombay Deccan, north Hyderabad, Mysore and Malabar and in slight to moderate defect elsewhere. Skies were more clouded than usual in southeast Madras and less clouded in south Hyderabad. Maximum temperature was above normal in Hyderabad South.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 6th September 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	21·78	22·24	−0·46	− 2	0	+0·1	− 1	+0·3
Assam ...	18·22	15·41	+2·81	+ 18	−0·1	−0·5	0	−0·4
Bengal ...	15·52	15·73	−0·21	− 1	+1·2	+0·2	− 2	+0·2
Bihar and Orissa ...	9·83	13·58	−3·75	− 28	+1·1	+0·5	− 3	−0·2
United Provinces ...	4·55	12·51	−7·96	− 64	+3·9	+1·4	−10	−1·6
Punjab ...	2·84	5·67	−2·83	− 50	+1·9	+1·5	− 7	−0·7
North-West Frontier Province.	1·25	2·09	−0·84	− 40	+2·4	+1·3	− 6	−0·5
Sind ...	0·32	1·59	−1·27	− 80	+0·7	+0·4	− 6	+0·5
Rajputana ...	7·91	6·39	+1·52	+ 24	+0·5	−0·7	− 3	−0·8
Bombay ...	9·03	7·91	+1·12	+ 14	0	−0·3	− 1	0
Central India ...	9·61	10·77	−1·16	− 11	+2·0	+0·5	− 4	−1·9
Central Provinces ...	8·60	12·02	−3·42	− 28	+2·5	+0·3	− 4	−0·7
Hyderabad ...	5·78	6·35	−0·57	− 9	+1·8	−0·2	− 1	−1·4
Mysore ...	4·72	3·87	+0·85	+ 22	−0·5	+0·2	+ 2	+0·2
Madras ...	6·40	6·21	+0·19	+ 3	−0·1	+0·2	− 1	+0·7
Mean of India ...	**9·76**	**10·97**	**−1·21**	**− 11**	**+1·1**	**+0·3**	**− 3**	**−0·4**

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	15·42	14·69	+ 0·73	+ 5	−0·8	−0·4	− 1	+0·9
2. Lower Burma ...	30·87	31·34	− 0·47	− 1	0	+0·1	− 1	+0·6
3. Upper Burma ...	10·09	9·25	+ 0·84	+ 9	0	+0·2	0	+0·1
4. Assam ...	18·22	15·41	+ 2·81	+ 18	−0·1	−0·5	0	−0·4
5. Bengal ...	15·52	15·73	− 0·21	− 1	+1·2	+0·2	− 2	+0·2
6. Orissa ...	12·59	14·33	− 1·74	− 12	+0·9	+0·2	0	0
7. Chota Nagpur ...	5·30	12·59	− 7·29	− 58	+0·7	+0·3	− 2	+0·1
8. Bihar ...	10·34	13·57	− 3·23	− 24	+1·3	+0·8	− 5	−0·4
9. United Provinces, East ...	4·08	12·13	− 8·05	− 66	+3·7	+1·6	− 9	−2·1
10. Do. do. West ...	4·95	12·84	− 7·89	− 61	+4·1	+1·2	−12	−1·0
11. Punjab, East and North ...	3·82	7·01	− 3·19	− 46	+2·8	+1·7	−10	−1·1
12. Do. Southwest ...	1·13	3·31	− 2·18	− 66	+0·2	+1·2	− 3	−0·2
13. Kashmir ...	1·84	1·80	+ 0·04	+ 2	−1·0	−0·5	+ 6	+0·2
14. North-West Frontier Province ...	1·25	2·09	− 0·84	− 40	+2·4	+1·3	− 6	−0·5
15. Baluchistan ...	0·60	0·89	− 0·29	− 33	+0·9	+1·9	0	−0·1
16. Sind ...	0·32	1·59	− 1·27	− 80	+0·7	+0·4	− 6	+0·5
17. Rajputana, West ...	6·09	3·93	+ 2·16	+ 55	−0·4	−0·9	− 1	−0·5
18. Do. East ...	8·82	7·61	+ 1·21	+ 16	+1·1	−0·5	− 4	−1·0
19. Gujarat ...	4·87	5·67	− 0·80	− 14	−0·1	−0·4	− 1	+0·1
20. Central India, West ...	13·80	8·42	+ 5·38	+ 64	−0·5	−0·3	− 2	−0·7
21. Do. do. East ...	5·41	13·13	− 7·72	− 59	+4·5	+1·2	− 7	−3·1
22. Berar ...	5·42	6·51	− 1·09	− 17	+2·9	+0·9	− 7	−1·3
23. Central Provinces, West ...	8·97	12·80	− 3·83	− 30	+2·2	−0·1	− 5	−0·6
24. Do. do. East ...	9·64	13·59	− 3·95	− 29	+2·7	+0·6	− 3	−0·4
25. Konkan ...	23·39	17·69	+ 5·70	+ 32	−0·2	−0·8	0	−0·3
26. Bombay Deccan ...	4·99	4·39	+ 0·60	+ 14	+0·2	−0·1	− 1	+0·1
27. Hyderabad, North ...	7·95	6·85	+ 1·10	+ 16	+1·3	−0·1	− 1	−1·1
28. Do. South ...	4·15	5·97	− 1·82	− 30	+2·0	−0·3	0	−1·5
29. Mysore ...	4·72	3·87	+ 0·85	+ 22	−0·5	+0·2	+ 2	+0·2
30. Malabar ...	19·23	13·77	+ 5·46	+ 40	−1·0	−0·6	+ 1	+1·1
31. Madras, Southeast ...	2·98	3·39	− 0·41	− 12	−0·8	+0·5	0	+1·1
32. Do. Deccan ...	3·94	4·39	− 0·45	− 10	−0·5	−0·2	− 4	−0·2
33. Do. Coast North ...	4·22	6·29	− 2·07	− 33	+1·5	+0·7	− 3	+0·4

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.	Mean.	Departure from normal.	Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·715	-·001	S 60 W	6·1	79·9	76·6	84·4	-0·8	86·6	76·8	-0·4	74·5	86	- 1	9·1	15·42	+0·73	24	+4·7	2·40
LOWER BURMA																				
Victoria Point ...	29·694	+·019	S 41 W	7·9	78·7	76·2	82·4	-1·1	84·5	74·3	-0·4	71·2	89	+ 1	8·6	37·52	+12·01	29	+6·9	4·70
Mergui ...	29·749	+·004	...	...	76·7	76·0	83·0	-1·3	87·7	72·5	-0·5	69·0	97	+ 3	10·0	35·88	+6·67	31	+5·6	2·77
Tavoy ...	29·789	+·001	S 24 E	2·4	76·8	75·8	83·5	+0·6	87·5	73·0	-1·2	70·7	96	+ 3	9·3	48·28	+0·95	28	+0·7	5·22
Amherst ...	29·706	...	S 33 W	7·0	78·0	76·3	82·6	...	84·8	75·4	...	72·6	92	...	8·9	35·32	...	27	...	3·33
Rangoon ...	29·729	-·005	S 4 W	3·6	79·3	77·4	85·5	+0·5	88·1	75·8	0	73·4	92	- 1	9·2	17·87	-2·00	25	+0·9	2·22
Bassein ...	29·714	+·003	S 4 E	3·0	80·4	77·7	86·2	+1·3	91·1	75·9	-0·1	73·4	89	- 4	7·5	26·20	+3·13	29	+4·3	5·03
Diamond Island ...	29·680	-·017	S 41 W	8·6	80·6	78·0	84·3	-0·1	85·9	76·8	+0·6	73·0	83	+ 1	7·1	32·91	+10·00	23	+1·5	5·03
Toungoo ...	29·548	-·028	...	...	80·4	77·7	86·8	0	90·6	75·2	+1·4	74·7	88	- 4	8·6	14·88	-4·24	20	-4·3	2·20
Kyaukpyu ...	29·648	-·025	S 41 E	1·6	80·5	78·0	85·2	+0·6	90·2	76·8	+0·9	74·0	89	- 2	9·1	33·15	-4·39	26	-1·5	4·40
Akyab ...	29·643	-·017	S 29 E	(e) 10·3	79·9	77·9	83·8	-0·8	86·8	77·0	+0·1	74·4	91	- 3	9·0	31·18	-14·01	26	-0·8	4·71
UPPER BURMA																				
Minbu ...	29·509	-·013	S 35 E	4·3	81·8	78·1	92·1	+2·0	94·9	77·9	+0·8	76·2	84	- 1	5·9	1·83	-3·44	5	-5·5	0·73
Yamethin ...	29·067	+·006	...	...	79·3	76·0	89·0	0	93·0	75·1	+0·5	72·8	85	- 2	7·5	6·54	+0·63	8	-3·0	2·42
Mandalay ...	29·439	-·004	S 16 E	5·0	81·7	77·0	91·1	-2·1	96·2	78·2	+0·3	75·1	80	+ 1	6·5	8·16	+3·57	11	+3·1	2·02
Monywa ...	29·403	-·008	S 48 E	2·7	81·5	77·7	90·5	-2·4	95·0	77·7	-0·9	74·0	84	+ 1	8·7	10·54	+5·99	12	+5·8	3·37
Lashio ...	26·943	+·012	S 36 E	2·3	73·9	71·1	82·2	-0·3	86·0	69·8	+0·2	63·7	87	- 3	7·3	10·76	-1·94	15	-4·0	2·44
Bhamo ...	29·277	+·033	N 15 W	1·0	78·9	77·4	89·0	+0·9	96·3	76·0	+1·0	74·7	93	0	9·5	15·62	+0·24	18	-1·4	3·50
Myitkyina ...	29·196	+·007	Calm	0·8	78·3	76·8	89·1	+1·8	94·4	74·8	-0·6	70·4	93	+ 2	10·0	17·13	+0·82	17	-2·5	4·22
ASSAM																				
Dibrugarh ...	29·296	-·004	N 56 E	1·1	78·6	77·8	87·3	+0·4	95·8	74·5	-1·3	71·3	97	+ 4	7·4	21·30	+3·11	16	-3·1	3·75
Sibsagar ...	29·315	-·011	S 18 W	(b) 1·4	80·6	78·2	88·8	+0·2	95·9	77·2	-0·4	74·1	90	- 3	9·3	17·49	+1·22	16	-2·2	2·55
Tezpur ...	29·388	+·002	N 56 E	0·9	80·6	78·4	89·7	+0·7	94·7	76·7	-1·0	73·5	90	- 2	5·9	10·31	-4·05	15	-1·3	2·46
Gauhati ...	29·455	+·006	N	0·8	82·0	79·5	89·3	-0·8	94·0	77·3	-0·5	73·7	89	+ 2	7·5	13·48	+3·12	15	+1·6	2·53
Dhubri ...	29·501	-·008	S 76 E	3·5	81·8	78·8	86·2	+0·1	92·1	78·3	-0·2	75·0	88	- 2	5·8	23·17	+9·63	12	-2·5	4·54
Silchar ...	29·561	+·001	S 79 E	1·6	80·8	78·6	88·1	-1·5	96·9	77·1	+0·3	74·3	91	0	8·6	23·55	+3·80	24	+1·9	4·44
BENGAL																				
Cox's Bazar ...	29·612	-·002	S 27 E	2·3	80·6	78·1	85·6	+0·2	87·7	76·8	+1·0	75·2	89	- 2	6·9	15·85	-14·66	20	-2·6	1·80
Chittagong ...	29·558	-·004	S 38 E	8·3	79·3	77·0	86·4	+0·5	91·2	76·9	+0·6	75·1	90	+ 1	8·0	21·94	+2·64	22	+5·6	4·46
Narayanganj ...	29·589	-·005	S 38 E	4·1	82·3	79·3	89·4	+1·7	94·4	78·3	-0·6	75·4	87	- 2	8·5	17·02	+4·28	18	+0·4	2·45
Barisal ...	29·600	+·003	S 27 E	1·1	82·0	79·4	88·2	+1·3	92·3	78·5	+0·3	75·6	89	0	6·6	6·18	-7·44	17	-3·1	1·21
Jessore ...	29·577	+·008	S 41 E	2·4	82·2	79·7	90·3	+1·8	95·4	79·0	+0·3	72·8	89	0	9·1	9·70	-1·25	13	-3·8	3·09
Calcutta ...	29·569	+·006	S 11 E	3·2	82·2	79·9	89·6	+1·8	94·2	79·0	+0·5	76·1	90	+ 1	8·7	16·32	+3·63	18	-0·3	6·05
Saugor Island ...	29·572	+·005	S 20 W	10·2	83·0	79·7	86·4	-0·9	91·0	78·6	-1·1	75·7	86	- 3	8·4	18·70	+ 4·52	20	+3·5	3·54
Burdwan ...	29·492	+·006	S 22 E	1·6	82·7	79·1	91·5	+2·3	95·6	78·7	-0·3	75·3	84	- 4	8·5	13·48	+2·22	21	+5·3	2·78
Berhampore ...	29·533	+·009	S 66 E	2·8	83·4	80·1	91·1	+2·4	97·6	78·9	+0·1	75·0	86	- 4	9·8	8·19	-3·76	16	-0·6	1·65
Mymensingh ...	29·575	+·009	S 63 E	1·6	81·9	79·0	88·0	+0·6	92·8	78·0	-0·3	74·1	88	- 2	8·9	15·86	+0·22	15	-4·1	4·50
Bogra ...	29·544	+·007	S 69 E	1·7	82·7	79·7	91·9	+3·4	93·9	79·2	+0·7	75·1	87	- 2	7·8	10·38	-2·91	13	-3·8	3·58
Dinajpur ...	29·471	-·008	S 69 E	2·2	83·0	79·9	89·4	+0·5	94·3	79·7	+1·1	75·0	87	- 3	6·7	19·07	+5·72	14	-1·6	3·85
Jalpaiguri (b) ...	29·326	-·023	S 72 E	0·8	80·7	78·8	88·8	+0·3	95·7	77·0	-0·2	74·1	91	- 1	7·1	29·06	+4·02	20	+0·1	5·90
ORISSA																				
Balasore ...	29·525	+·012	S 45 W	2·5	82·5	79·4	88·3	-0·1	94·8	78·4	+0·1	74·5	87	0	7·7	16·46	+5·10	16	+1·4	2·42
Hukitala (False Point)	29·565	+·006	S 69 W	7·8	...	...	...	...	...	...	...	...	...	...	7·7	12·40	-0·69	16	+1·0	3·20
Cuttack ...	29·528	+·021	N 82 W	1·1	82·2	78·7	89·7	+0·5	94·6	78·6	+0·2	75·5	85	+ 1	8·0	11·08	-2·58	14	-2·0	2·46
Sambalpur ...	29·126	+·020	S 68 W	2·5	81·4	77·6	89·2	+2·3	94·0	77·5	+0·4	73·7	84	- 2	6·6	10·41	-8·78	16	-3·2	1·71
CHOTA NAGPUR																				
Chaibasa ...	28·852	+·021	S 34 W	2·4	80·8	77·5	89·2	+0·5	94·2	77·3	+0·3	74·4	86	0	8·4	6·68	-4·79	14	-2·4	1·95
Ranchi ...	27·473	+·029	N 53 W	3·8	76·8	73·4	84·4	+1·0	90·7	73·4	+0·4	70·4	85	- 4	7·7	5·91	-7·26	10	-8·6	1·61
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·30	-9·84	10	-7·8	0·99

(a) Reports only rainfall. (b) Mean of 30 days. (e) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·469	−·003	S 72 E	3·0	82·8	79·6	89·4	+0·4	96·1	78·7	+0·1	75·2	87	− 4	6·4	16·44	+2·34	17	+0·9	3·15
Darbhanga ...	29·408	−·008	S 82 E	2·5	83·4	79·1	90·1	+1·3	94·4	79·5	+0·4	72·9	82	− 6	7·0	11·55	−3·41	9	−5·4	2·77
Patna ...	29·402	+·019	N 87 E	4·7	82·8	78·9	90·7	+1·6	95·9	80·7	+1·3	77·8	80	− 7	7·5	6·56	−6·99	9	−4·8	2·76
Gaya ...	29·205	+·015	S 8 W	2·3	83·5	78·6	91·9	+1·8	97·2	79·6	+1·1	74·4	80	− 5	5·1	10·26	−2·96	11	−4·0	4·02
Naya Dumka ...	29·101	+·011	N 84 E	1·6	82·4	79·1	89·7	+1·2	95·6	78·7	+1·2	76·1	86	− 1	8·4	6·90	−6·11	13	−5·0	2·28
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·332	+·018	N 86 E	2·7	83·5	79·5	92·3	+2·7	97·0	79·3	+0·9	74·1	83	− 5	3·7	7·64	−6·35	12	−2·9	2·48
Benares ...	29·324	+·015	S 29 W	5·1	83·9	78·8	92·2	+2·5	96·7	79·9	+1·3	75·5	79	− 8	6·9	3·96	−7·58	6	−8·7	1·95
Allahabad ...	29·258	+·010	S 48 W	6·5	85·0	78·3	94·5	+4·5	101·4	80·9	+2·3	77·6	74	−11	6·3	2·14	−9·56	5	−9·6	1·12
Cawnpore ...	29·149	+·007	S 53 W	3·6	85·9	79·0	97·0	+6·3	102·7	81·0	+2·2	74·9	73	−12	3·5	3·56	−7·82	5	−7·9	2·35
Lucknow ...	29·198	+·009	S 39 E	2·4	84·7	78·5	94·3	+3·7	99·4	80·5	+2·0	77·1	75	−11	5·9	1·68	−9·21	6	−7·1	0·33
Bahraich ...	29·143	−·010	S 57 E	2·0	83·9	78·5	92·8	+2·7	97·2	79·1	+0·7	74·3	78	− 8	1·7	5·52	−7·73	9	−3·9	2·10
UNITED PROVINCES, WEST																				
Jhansi ...	28·765	+·013	S 73 W	(b) 4·6	83·3	76·9	93·2	+3·8	99·3	78·4	+1·0	75·1	74	− 8	4·0	5·15	−6·10	7	−6·5	1·95
Agra ...	29·012	+·007	S 31 W	6·4	85·7	77·0	96·3	+4·6	102·1	80·4	+1·5	76·8	65	−21	5·8	3·22	−4·93	4	−6·2	1·26
Mainpuri ...	29·058	+·023	N 72 W	3·1	86·1	77·9	97·3	+5·5	102·6	79·7	+0·9	74·6	68	−15	6·1	0·78	−7·91	3	−7·7	0·26
Bareilly ...	29·014	+·023	N 77 E	2·8	83·4	77·8	93·8	+3·6	98·6	79·6	+1·5	75·1	77	−10	5·7	2·83	−9·44	4	−8·2	1·63
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·02	−6·67	3	−6·6	1·66
Roorkee ...	28·670	0	N 79 E	2·5	82·8	77·7	93·0	+2·8	97·8	78·4	+1·3	71·9	79	− 5	5·4	3·30	−8·73	9	−2·7	1·81
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17·37	−11·41	15	−6·3	2·62
PUNJAB, EAST AND NORTH																				
Delhi ...	28·875	+·033	S 68 W	4·7	86·1	76·6	97·3	+4·9	102·0	82·8	+3·0	78·5	64	−13	3·1	0	−7·42	0	−9·2	0
Hissar ...	28·824	+·003	S 39 W	5·6	85·2	76·4	98·8	+0·7	106·6	(c) 81·2	+0·8	74·3	67	− 3	1·4	7·22	+3·60	5	−0·3	3·96
Ambala ...	28·672	+·010	S 45 E	2·7	84·0	76·8	96·7	+3·6	103·6	79·5	+1·6	73·5	72	−12	5·5	3·29	−4·41	6	−3·1	1·30
Ludhiana (b) ...	28·747	+·007	S 48 E	(c) 2·1	85·7	76·9	98·5	+3·8	105·7	81·0	+1·7	75·4	67	−11	3·2	2·74	−4·20	6	−1·6	0·79
Lahore ...	28·839	+·007	S 29 W	1·7	86·4	77·7	98·7	+1·0	108·5	82·1	+2·8	73·1	68	− 7	4·1	4·75	−0·58	6	+0·2	1·30
Sialkot ...	28·722	+·007	S 83 E	2·0	84·4	77·3	95·6	+1·1	105·8	78·4	+0·1	72·3	72	− 8	3·7	6·80	−2·11	5	−4·1	4·26
Rawalpindi ...	27·905	+·007	S 67 E	2·3	85·5	75·3	98·7	+4·8	107·2	77·5	+2·1	68·9	62	−15	4·1	1·92	−7·22	6	−3·3	0·87
PUNJAB, SOUTHWEST																				
Khushab ...	28·929	+·008	S 82 E	4·8	88·3	78·2	101·0	+0·8	109·0	83·0	+1·6	70·2	63	− 6	2·1	0·65	−2·57	1	−2·4	0·65
Lyallpur ...	28·930	+·015	S 14 W	2·6	86·5	76·4	99·4	+1·3	107·3	82·1	+2·4	72·1	62	− 9	3·4	1·87	−2·91	2	−3·9	1·10
Montgomery ...	28·973	+·008	S 14 W	4·6	86·2	77·8	99·2	−1·9	106·9	82·6	+0·8	75·0	68	+ 5	2·8	1·51	−1·77	4	+0·2	0·97
Multan ...	29·100	+·017	S 6 E	4·2	86·2	75·1	101·6	+0·7	106·3	82·4	−0·1	75·6	69	0	2·7	0·51	−1·47	2	−0·6	0·29
Khanpur ...	29·244	...	S 45 W	2·8	86·0	78·3	104·0	...	108·5	77·1	...	70·4	70	...	2·3	0·03	...	0	...	0·03
KASHMIR																				
Srinagar ...	24·699	+·023	S 54 E	1·9	70·3	64·8	88·4	+2·5	✓ 96·2	62·9	−0·8	✓ 57·1	76	− 6	4·3	3·70	+1·37	8	+2·7	0·92
Gulmarg ...	21·787	+·027	N 45 E	2·8	61·9	56·9	70·8	+2·1	77·0	50·7	0	44·9	76	− 2	5·1	2·80	−1·93	10	+0·4	0·46
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·16	+0·56	10	+1·3	0·84
Dras ...	20·731	+·032	S 45 W	6·1	58·6	51·4	74·6	−3·2	83·1	49·7	+0·9	44·8	65	+ 3	3·6	0·59	+0·05	2	+0·5	0·16
Leh ...	19·653	+·014	S 75 E	1·8	55·8	49·3	74·0	−2·5	80·6	49·1	−0·6	43·4	66	+ 8	5·7	1·06	+0·52	5	+3·2	0·24
Skardu ...	22·700	+·030	S 45 W	1·4	68·2	62·0	86·1	−1·3	95·4	61·5	−0·2	56·3	72	+21	3·9	0·21	−0·16	0	−1·2	0·05
Gilgit ...	24·794	−·087	S 45 W	0·5	72·4	63·8	90·6	−4·6	98·2	68·7	−2·6	64·2	63	+12	3·6	0·35	−0·14	1	−0·8	0·11
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·457	+·017	Calm	1·0	85·9	77·4	103·4	+3·9	109·4	80·6	+2·5	74·0	68	− 2	2·3	0·26	−1·98	1	−1·6	0·17
Dera Ismail Khan ...	28·966	+·029	S 80 E	(d) 1·9	88·2	78·7	101·6	+0·9	108·6	81·4	+0·1	72·3	65	−10	2·0	2·25	+0·31	2	−0·2	1·57
BALUCHISTAN																				
Fort Sandeman ...	25·204	+·019	N 59 E	2·3	77·9	67·8	99·6	+3·1	107·1	73·5	+1·0	63·8	59	− 3	1·3	1·81	+0·13	5	+1·4	0·70
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·54	−2·03	3	−2·4	0·73
Quetta ...	24·473	+·029	S	2·4	69·9	60·7	94·1	+2·5	98·7	60·4	−1·1	48·7	59	+ 1	0·7	0·01	−0·45	0	−0·8	0·01
Chaman ...	25·446	−·001	S 29 W	4·5	78·6	57·0	98·6	+0·3	104·6	73·9	+1·6	62·2	23	−16	0·8	0	−0·04	0	−0·1	0
Kalat ...	23·596	+·016	Calm	3·6	62·2	56·2	88·3	−2·5	94·8	56·3	+4·1	42·9	70	+21	0·9	0·22	−0·08	1	+0·2	0·19
Dalbandin ...	26·819	+·007	S 74 W	4·5	81·1	61·9	107·4	+1·3	114·9	74·9	+3·9	63·7	30	− 3	2·3	0	−0·20	0	−0·6	0
Mirjawa ...	26·992	...	S 84 W	7·5	80·0	61·0	103·0	...	109·8	74·2	...	63·8	29	...	0·5	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·355	+·037	S 38 E	3·4	87·0	77·0	103·6	−1·0	107·9	82·0	−0·1	79·1	62	− 9	0·9	0	−0·98	0	−1·6	0
Hyderabad ...	29·479	+·039	S 49 W	9·9	84·6	76·1	97·8	+2·1	101·3	79·8	+0·7	74·2	66	− 5	6·3	0·85	−1·27	2	−0·5	0·73
Karachi ...	29·593	+·018	S 83 W	12·4	81·5	77·1	86·5	+1·0	88·6	78·7	+0·6	75·4	82	− 3	8·3	0·12	−1·55	0	−2·0	0·96
RAJPUTANA, WEST																				
Bikaner ...	28·811	+·031	S 37 W	8·9	83·2	75·1	96·7	−1·1	104·2	79·3	−1·4	72·2	68	− 1	3·7	6·35	+2·88	5	+0·1	2·77
Jodhpur ...	28·830	+·024	S 54 W	4·8	80·7	74·6	93·4	+0·3	100·9	77·4	−0·3	73·1	74	− 1	6·4	5·82	+1·42	5	−0·3	2·63
RAJPUTANA, EAST																				
Jaipur ..	28·198	+·028	N 73 W	3·6	81·6	74·3	93·6	+2·2	100·5	76·5	+0·1	74·3	71	− 7	4·8	2·51	−5·42	6	−4·4	0·63
Ajmer ...	28·034	+·024	S 89 W	6·5	78·1	73·1	88·6	+0·6	96·8	75·2	−0·8	71·9	78	− 4	6·4	12·73	+5·98	10	+1·3	6·48
Kotah (b) ...	28·746	+·001	S 84 W	(c) 4·8	82·5	75·9	90·7	+0·4	96·6	77·6	−0·9	73·0	73	− 1	4·8	10·40	+1·55	9	−1·4	3·50
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9·65	+2·73	9	+0·4	4·06
GUJARAT																				
Deesa ...	29·200	+·040	S 64 W	8·4	79·9	75·9	90·9	+1·5	97·2	75·5	−0·4	73·1	83	− 1	9·1	3·19	−5·43	4	−5·4	1·58
Bhuj ...	29·297	+·016	S 70 W	8·8	80·1	75·6	87·5	−1·0	91·7	76·2	−0·1	74·5	80	− 3	7·2	2·72	−0·52	4	0	1·26
Dwarka ...	29·620	+·011	S 79 W	12·2	80·2	76·5	83·9	−0·7	86·4	78·5	+0·2	75·2	84	− 1	9·2	2·69	−0·51	5	+0·1	1·05
Rajkot ...	29·222	+·009	S 54 W	10·6	78·8	75·4	88·5	−0·3	93·4	74·4	−0·1	72·5	85	+ 2	8·6	8·20	+2·49	11	+3·2	5·45
Veraval ...	29·682	+·024	N 87 W	(c) 12·4	78·9	76·5	82·0	−0·3	85·8	77·9	−0·1	74·6	89	0	8·3	2·55	−1·24	8	+2·0	0·78
Surat ...	29·671	+·026	S 55 W	5·2	80·9	77·3	86·1	−0·5	89·3	77·3	+0·5	75·4	84	− 1	8·9	5·10	−2·45	12	−0·5	1·23
Bhavnagar ...	29·630	+·015	S 59 W	5·8	81·0	76·3	91·6	+0·3	97·8	75·9	−0·9	72·9	80	− 1	7·4	5·08	−0·09	9	+1·2	1·65
Ahmadabad ...	29·541	+·053	S 65 W	6·0	79·3	74·1	89·8	−0·2	95·4	74·7	−2·1	71·6	78	− 5	(b) 5·7	9·42	+1·33	11	+0·3	2·22
CENTRAL INDIA, WEST																				
Neemuch ...	28·016	+·004	S 65 W	8·2	76·1	72·6	84·3	−0·7	88·9	72·8	+0·1	71·2	85	− 1	5·7	11·11	+2·28	10	+0·1	3·07
Indore ...	27·836	0	N 83 W	6·8	74·4	71·2	82·3	−0·3	88·5	70·7	−0·7	68·3	85	− 3	9·4	16·49	+8·48	12	+0·9	8·26
CENTRAL INDIA, EAST																				
Nowgong ...	28·859	+·042	S 80 W	2·3	81·7	77·9	92·7	+4·8	97·6	77·3	+0·3	75·1	84	− 3	4·5	4·84	−8·63	8	−5·7	1·60
Sutna ...	28·553	+·031	S 74 W	3·0	82·6	76·9	90·1	+4·1	95·1	78·3	+2·1	75·6	77	−10	5·5	5·99	−6·79	9	−5·7	1·39
BERAR																				
Akola ...	28·741	+·004	N 83 W	5·9	78·8	73·1	90·2	+3·0	95·3	74·3	+0·8	71·7	75	− 6	6·9	5·45	−0·98	8	−1·6	1·22
Amraoti ...	28·456	+·018	S 79 W	8·0	78·5	73·0	88·8	+2·7	93·0	73·8	+1·0	70·3	77	− 9	6·3	5·39	−1·19	7	−2·8	1·83
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·612	+·005	S 84 W	7·4	76·7	73·3	87·2	+1·6	92·2	72·9	−1·2	70·0	85	+ 1	5·5	5·60	−0·89	6	−4·4	2·65
Hoshangabad ...	28·655	+·030	S 63 W	2·9	76·5	73·7	86·9	+1·9	92·9	74·0	+0·1	63·2	87	− 3	9·5	20·01	+5·02	12	−3·5	8·75
Saugor ...	27·824	+·026	S 83 W	5·7	75·9	72·7	86·0	+2·4	90·0	72·0	−0·7	70·0	85	− 3	8·1	6·95	−6·70	9	−6·4	2·76
Jubbulpore ...	28·285	+·019	N 71 W	1·9	78·1	74·6	86·3	+1·7	90·9	74·8	+0·8	72·5	84	− 4	7·5	6·39	−10·47	16	−1·4	1·65
Seoni ...	27·613	+·012	N 68 W	2·9	77·0	72·4	85·1	+2·3	89·6	71·5	+0·1	68·7	80	− 7	6·7	11·62	−1·57	14	−2·6	2·78
Nagpur ...	28·641	+·030	N 45 W	3·7	79·5	72·8	90·1	+3·3	94·7	75·0	+0·4	72·4	72	−11	6·9	3·23	−8·41	6	−7·7	1·40
CENTRAL PROVINCES, EAST																				
Pendra ...	27·591	+·023	N 43 W	4·0	77·0	73·4	85·0	+2·0	88·8	72·8	+0·3	70·0	84	− 3	8·5	8·68	−4·53	15	−3·0	2·30
Raipur ...	28·650	+·020	S 68 W	2·6	80·0	76·6	89·4	+3·7	94·1	75·5	+0·7	71·3	86	− 3	6·3	9·22	−4·51	16	+0·4	1·80
Kanker ...	28·334	...	S 80 W	4·5	79·4	74·4	86·3	...	89·8	74·7	...	72·0	79	...	6·7	8·13	...	11	...	2·25
Chanda ...	29·022	+·006	S 82 W	3·5	80·4	74·9	91·1	+3·7	96·5	75·6	+0·5	72·6	78	− 4	4·7	8·29	−4·73	10	−5·0	1·85
Jagdalpur ...	27·838	−·002	S 71 W	1·7	76·8	73·9	84·4	+1·5	88·1	72·3	+0·9	69·9	87	0	7·4	12·36	−2·05	15	−4·7	2·05
KONKAN																				
Bombay ...	29·708	+·013	S 79 W	9·1	80·0	76·8	85·3	+0·4	87·8	76·3	+0·4	73·4	85	− 1	8·5	16·65	+2·85	18	−1·2	6·43
Ratnagiri ...	29·564	+·006	S 81 W	7·6	78·5	76·0	82·4	−1·2	84·4	73·0	−2·5	70·5	89	+ 2	5·8	28·42	+8·68	30	+6·3	3·26
Marmagao ...	29·741	+·012	S 45 W	1·8	...	...	...	...	...	...	...	...	...	...	8·7	21·53	+5·67	26	+3·5	3·64
Karwar ...	29·782	+·027	S 32 E	2·9	77·7	74·9	82·7	+0·2	85·4	74·5	−0·3	72·1	87	− 1	8·0	26·98	+5·60	29	+5·1	3·12
BOMBAY DECCAN																				
Malegaon ...	28·270	+·017	S 72 W	(u) 7·5	78·3	71·9	87·6	+0·5	91·9	72·0	+0·1	69·7	73	− 4	9·1	5·01	+1·80	4	−1·9	2·86
Ahmadnagar ...	27·592	+·014	N 81 W	6·2	76·4	69·9	85·4	+0·5	90·5	67·4	−1·5	63·9	72	− 7	4·8	7·14	+4·65	6	+1·1	4·53
Poona ...	27·894	+·011	N 89 W	5·7	73·4	70·6	81·1	−0·6	85·8	69·7	+0·1	67·7	86	+ 2	8·7	4·42	+0·76	7	−2·0	1·85
Sholapur ...	28·163	+·007	S 74 W	7·1	76·1	71·3	88·7	+1·3	93·0	70·8	−0·1	68·5	79	+ 3	5·9	3·80	−1·07	11	+3·4	0·90
Bijapur ...	27·797	0	N 86 W	9·0	74·9	(b) 71·5	86·5	−0·1	90·8	69·5	−0·3	63·0	(b) 83	+ 3	6·8	1·53	−0·89	1	−3·5	1·45
Belgaum ...	27·254	+·030	S 69 W	5·0	69·7	68·4	76·1	−0·2	79·0	67·8	+1·4	65·3	93	0	9·4	8·05	−1·62	20	+3·0	1·95
HYDERABAD, NORTH																				
Aurangabad ...	27·821	+·002	S 83 W	11·3	74·1	70·0	85·7	+0·8	90·7	68·9	−0·5	66·0	81	− 2	9·4	6·49	+1·66	7	−2·0	2·67
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·34	+0·80	10	+1·4	1·42
Nizamabad ...	28·439	+·007	S 50 W	3·0	76·2	71·7	88·2	+1·8	92·5	73·2	+0·3	69·8	80	− 1	3·7	11·03	+0·84	15	+0·9	3·80

(a) Reports only rainfall. (b) Mean of 30 days (c) Mean of 29 days. (u) Mean of 11 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. Dry bulb.	MEAN 8 H. Wet bulb.	MAXIMUM. Mean.	MAXIMUM. Departure from normal.	MAXIMUM. Highest in month.	MINIMUM. Mean.	MINIMUM. Departure from normal.	MINIMUM. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·248	+·027	S 89 W	10·7	76·7	70·7	91·5	+3·0	95·0	(c) 70·8	-0·6	65·6	74	- 6	3·8	1·65	-4·04	7	-1·3	0·50
Raichur ...	28·438	+·015	S 45 W	10·2	77·3	72·7	90·2	+0·6	95·4	70·8	-1·7	67·2	80	+ 4	2·5	5·55	+0·23	9	+0·4	2·00
Hyderabad ...	28·018	+·029	N 84 W	6·1	75·8	71·0	88·4	+2·6	94·5	72·4	-0·1	70·3	78	- 2	7·6	3·86	-2·44	11	+0·6	1·22
Hanamkonda ...	28·805	+·007	N 65 W	7·3	79·3	73·9	89·8	+1·9	94·0	76·6	+1·3	72·2	77	+ 3	7·2	5·56	-0·99	8	-2·6	2·13
MYSORE																				
Chitaldrug ...	27·415	+·030	S 70 W	7·7	71·0	68·4	81·9	-0·4	86·7	68·8	+0·6	66·2	87	+ 4	9·6	5·63	+2·68	13	+6·1	1·53
Bangalore ...	26·847	+·033	S 83 W	8·4	69·4	66·7	81·2	-0·8	85·3	65·8	0	63·7	87	+ 2	9·7	6·95	+1·57	15	+5·4	1·16
Mysore ...	27·333	+·018	S 71 W	6·9	70·9	67·3	82·9	-0·3	86·2	66·8	+0·1	61·9	82	+ 1	6·5	1·59	-1·68	5	-1·7	0·47
MALABAR																				
Mangalore ...	29·784	+·051	N 61 W	4·8	76·5	74·8	82·5	-1·1	85·4	73·3	-0·7	71·0	92	+ 3	8·7	36·30	+13·76	31	+6·2	3·34
Calicut ...	29·832	+·026	N 39 W	3·9	76·2	74·1	83·2	+0·7	89·1	73·3	-1·1	70·8	90	- 2	9·6	20·44	+4·86	22	+3·3	3·38
Cochin ...	29·876	+·037	N 13 W	5·2	77·1	74·5	81·5	-2·5	84·5	73·9	-0·6	71·2	88	+ 2	8·9	16·20	+3·31	23	+4·7	4·45
Trivandrum ...	29·661	+·024	N 25 W	7·6	76·8	74·4	81·3	-1·2	83·6	74·7	-0·1	71·5	89	+ 3	8·7	3·97	-0·10	10	+0·8	1·17
MADRAS, SOUTHEAST																				
Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	-0·56	0	-1·0	0
Pamban ...	29·767	+·028	S 42 W	7·7	83·0	77·8	88·3	-1·0	90·3	80·0	+1·5	77·9	78	+ 1	4·0	0·04	-0·69	0	-1·1	0·04
Madura ...	29·345	+·035	N 67 W	5·3	82·7	72·9	96·0	-0·2	100·4	78·0	+2·0	74·1	61	- 6	8·1	0·73	-3·52	3	-3·0	0·24
Negapatam ...	29·767	+·034	S 82 W	4·8	81·5	74·5	93·4	-0·6	98·0	77·7	+0·2	73·5	71	- 2	7·2	2·22	-1·37	6	+0·7	0·67
Trichinopoly ...	29·548	+·029	S 68 W	7·5	82·9	73·0	95·2	-1·4	99·2	77·4	+0·5	71·8	60	- 7	7·1	0·66	-3·17	2	-3·0	0·34
Coimbatore ...	28·470	+·022	S 20 W	5·8	75·2	72·8	85·8	-2·3	89·4	70·8	-0·1	69·0	89	+ 6	4·4	0·57	-0·56	2	-0·7	0·36
Salem ...	28·898	+·035	S 40 W	4·5	76·9	73·3	91·5	-0·7	97·4	73·3	+0·4	70·7	83	+ 3	6·8	6·55	-0·29	14	+3·5	2·12
Cuddalore ...	29·749	+·035	S 56 W	5·3	81·1	76·7	93·1	-0·9	100·0	76·5	-0·5	72·6	82	+ 5	8·1	11·09	+6·12	12	+4·5	2·58
Madras ...	29·724	+·007	S 64 W	5·5	82·0	75·5	94·6	+0·4	103·5	77·5	-0·2	74·3	73	- 2	7·2	4·93	+0·29	11	+3·1	1·10
MADRAS, DECCAN																				
Cuddapah ...	29·346	+·028	N 46 W	...	82·6	73·3	94·7	+0·1	99·6	77·0	-0·1	72·2	64	- 6	7·7	6·56	+0·75	9	+1·0	2·25
Bellary ...	28·294	+·018	N 89 W	8·4	77·7	69·4	89·3	-1·6	98·4	73·7	-0·1	71·2	65	- 2	6·2	1·91	-0·41	3	-1·1	1·11
Kurnool ...	28·824	+·015	N 89 W	8·9	78·0	72·2	90·3	-0·1	95·0	73·8	-0·3	71·3	74	- 3	7·5	3·36	-1·68	9	-0·1	0·88
MADRAS COAST NORTH																				
Nellore ...	29·670	+·022	N 83 W	5·0	84·0	74·8	95·5	0	100·3	79·7	+0·7	75·1	63	- 6	8·3	2·25	-1·02	6	+0·3	0·70
Masulipatam ...	29·688	+·008	N 83 W	6·4	81·8	76·5	92·0	+0·6	96·7	78·7	+1·0	74·3	78	- 4	6·8	2·93	-3·98	12	+1·2	0·54
Cocanada ...	29·646	+·009	S 84 W	6·1	83·0	77·9	92·2	+2·6	98·2	79·0	+0·6	73·9	79	- 4	7·4	1·19	-4·30	4	-5·6	0·42
Vizagapatam ...	29·593	0	N 59 W	6·7	84·1	79·1	91·0	+2·2	96·7	79·8	+1·6	74·9	80	0	8·6	9·52	+4·16	11	+2·6	2·44
Calingapatam ...	29·608	+·008	S 84 W	5·0	82·7	78·9	90·9	+1·0	96·0	78·8	+0·1	76·0	84	0	6·5	4·46	-4·49	10	0	0·88
Gopalpur ...	29·551	+·010	N 60 W	5·3	83·7	79·8	90·5	+2·9	99·0	79·3	+0·4	74·6	84	- 2	6·5	4·98	-2·77	10	-1·1	0·83
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN									✓			✓								
Maymyo (b) ...	26·244	-·022	S 8 W	(c) 1·7	71·1	68·6	76·9	+0·7	80·6	65·7	-0·2	63·7	88	- 3	7·6	12·31	+3·00	18	+2·9	2·87
Shillong ...	24·965	-·011	N 56 E	1·7	68·6	66·1	75·3	+0·4	80·9	64·4	+0·7	59·0	88	+ 2	8·2	10·88	-3·48	17	-2·8	2·52
Cherrapunji ...	25·536	+·009	S 77 E	4·7	68·5	66·6	72·8	+0·6	77·8	65·5	+0·5	62·7	91	- 4	9·3	51·87	-27·97	29	+2·3	10·78
Darjiling ...	22·842	-·003	N 55 E	1·4	62·5	60·9	67·9	+1·4	72·5	58·8	+1·2	56·6	92	- 3	8·4	20·02	-6·10	21	-3·1	4·73
Mukteswar ...	22·734	+·018	S 63 W	8·1	60·8	59·4	70·1	+1·5	78·0	58·6	+1·4	50·7	93	- 1	7·5	6·10	-5·75	12	-5·0	1·46
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27·10	+0·66	19	-3·4	5·92
Chakrata ...	23·281	+·054	S 57 W	6·1	63·9	62·3	69·4	+0·6	73·0	60·2	+0·6	57·2	92	- 1	8·7	12·45	-6·24	20	+0·4	2·37
Simla ...	22·989	+·015	N 41 E	1·4	61·8	59·7	69·5	+2·8	73·9	59·4	+0·1	55·6	89	- 2	9·0	15·51	-1·82	21	+1·5	2·40
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18·68	...	12	...	3·70
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18·82	...	19	...	3·32
Murree ...	23·882	+·042	S 45 E	4·2	68·7	64·1	74·3	+0·5	80·5	62·6	+1·7	55·2	78	- 6	4·5	8·32	-6·56	11	-3·6	1·65
Cherat ...	25·531	+·030	S 12 E	8·3	76·4	69·9	(b) 87·4	+1·3	97·3	(o) 72·8	+2·9	64·7	74	- 1	1·8	2·84	-1·46	4	-2·1	1·50
Parachinar ...	24·298	+·016	Calm	0·8	74·2	64·7	85·7	+0·7	91·9	63·1	-1·8	55·9	61	- 2	2·5	2·70	-0·93	9	+1·3	0·54
Drosh ...	...	...	S 66 W	4·9	77·4	67·0	94·9	-0·6	101·8	72·7	+0·5	63·2	59	+ 2	1·7	0·18	-0·52	1	-1·3	0·11
Mount Abu ...	25·833	+·018	S 59 W	7·6	66·3	65·2	72·5	+0·4	80·0	64·5	+0·1	62·4	95	0	9·7	17·99	-4·32	16	-1·4	3·56
Pachmarhi ...	26·244	+·029	N 72 W	5·5	68·2	66·9	75·8	+1·0	80·6	66·3	-0·7	61·2	93	0	8·8	12·00	-11·30	17	-4·5	2·55
Mercara ...	26·146	+·032	S 76 W	7·3	63·7	63·3	67·3	-2·1	70·5	61·4	-0·4	59·8	98	+ 2	10·0	30·79	+5·34	31	+4·7	4·87
Kodaikanal ...	22·752	+·027	N 72 W	8·1	56·3	52·5	64·0	+0·5	69·2	52·2	-0·1	50·2	79	- 1	8·3	3·14	-3·85	8	-4·1	0·80
Coonoor ...	24·396	...	S 80 W	4·0	64·5	59·0	71·1	...	79·0	58·9	...	54·0	74	...	7·6	3·50	...	7	...	0·96
CEYLON																				
Colombo ...	29·848	+·028	S 52 W	4·6	78·8	75·3	85·4	-0·5	87·4	77·5	+0·3	73·2	84	0	8·2	2·14	-1·13	8	+1·7	0·38

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (o) Mean of 17 days.

MONTHLY WEATHER REPORT

FOR

September 1928

Supplement to the Indian Daily Weather Report for the 17th October 1928

Published by order of the Governor-General in Council

Summary.—The monsoon was vigorous in the north and central Deccan and fairly active in Burma, northeast India, the Central Provinces and Gujarat. There was a complete break in the rains in the United Provinces, the Punjab and along the frontier during the last three weeks. The effect of this drought was most keenly felt in the United Provinces.

The Punjab depression at the end of August disappeared over Kashmir on the 2nd after causing further heavy rain on the Punjab hills and the adjoining plains; Dalhousie had 5″, Simla 3″ and Ambala 4″ on the 1st. During the next three days monsoon was fairly active in the United Provinces and the Central Provinces, but was generally weak elsewhere. It strengthened in Bengal, Assam and north Burma on the 5th and continued active there till the 9th. Several heavy falls occurred; Jalpaiguri had 8″ on the 5th, Myitkyina 3″ on the 6th, Bhamo, Dibrugarh and Mymensingh 3″ each on the 7th, Cherrapunji 16″ on the 6th and 11″ on the 7th and Calcutta 4″ on the 8th. Conditions were unsettled in the north Bay of Bengal off the north Madras coast from the 8th to 15th and a shallow depression appeared over Hyderabad on the 16th and persisted there till the 18th. Under the influence of these disturbed conditions the monsoon extended in the north and central Deccan between the 12th and 18th and in Gujarat and east Rajputana during the next six days; Gulbarga had 6″ on the 15th, Nizamabad 4″ on the 16th and 3″ on the 17th, Malegaon 3″ on the 17th and again on the 18th and Bhavnagar 3″ on the 20th. The continuous and heavy rain in certain districts of Gujarat is reported to have caused floods and breaches in several places in the railway lines in that area.

2. A shallow depression formed at the head of the Bay of Bengal on the 22nd and disappeared on the next day. Conditions were again unsettled in the Bay off the north Madras coast between the 26th and 29th and active monsoon prevailed over northeast India and the north of the Peninsula during the last week; Nizamabad had 4″ on the 22nd, Gulbarga 3″ and Purnea 4″ on the 24th, Chaibasa 6″ and Jagdalpur 5″ on the 25th, Dibrugarh 4″ on the 26th, Naya Dumka 4″ on the 27th, Sholapur 3″ on the 28th, Jalpaiguri and Chanda 4″ on the 29th and Seoni 4″ on the 30th.

3. The total rainfall of the month was nearly normal in Assam, the Punjab East and North, Gujarat, Berar and the Madras Coast North, in slight to moderate excess in the Central Provinces East, the Bombay Deccan and Hyderabad South and in large excess in the Punjab Southwest, Kashmir and Hyderabad North. It was in large defect in the United Provinces, the North-West Frontier Province, Baluchistan, Sind, Central India, Mysore, Malabar and Madras Southeast and in slight to moderate defect elsewhere. The large excesses over Kashmir and parts of the Punjab were brought about by heavy rain on the first day. Averaged over the plains of India, the rainfall of the month was in defect by 25 per cent.

4. Maximum temperature was markedly low in the Punjab, Kashmir and the North-West Frontier Province on the first two days and the mean temperature was about 5° below normal in west Rajputana during the first fortnight. Day temperature was markedly high in east Central India and the United Provinces between the 11th and 30th owing to lack of rain in that area during the above period. The month's mean maximum temperature was above normal in Bihar, the United Provinces, east Central India and Mysore and below it in Kashmir. Both maximum and minimum temperatures were lower than usual in west Rajputana.

Price 4 annas.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was in slight to moderate defect: other climatic elements were normal.

Northeast India, including Orissa.—The total rainfall of the month was nearly normal in Assam and in slight to moderate defect elsewhere. Maximum temperature was above normal in Bihar.

The United Provinces, Central India and the Central Provinces.—The month's rainfall was nearly normal in Berar, in slight excess in the east Central Provinces and in moderate to large defect elsewhere. Cloud proportion and humidity were considerably below normal and maximum temperature was in marked excess in east Central India and the United Provinces.

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

The Peninsula.—The month's rainfall was nearly normal in the Madras Coast North, in moderate to large excess in the Bombay Deccan and Hyderabad and in moderate to large defect elsewhere. Humidity was above normal in north Hyderabad and below it in Madras Southeast. Maximum temperature was above normal in Mysore.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 8th October 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	10·81	15·83	−5·02	− 32	+0·5	+0·4	− 1	+0·5
Assam ...	12·32	11·29	+1·03	+ 9	+0·4	+0·3	+ 1	+1·1
Bengal ...	8·92	11·82	−2·90	− 25	+1·5	+1·0	− 1	+0·5
Bihar and Orissa ...	6·81	9·45	−2·64	− 28	+2·1	+1·1	− 1	+0·4
United Provinces ...	1·86	6·72	−4·86	− 72	+4·8	+0·4	−12	−1·4
Punjab ...	3·28	2·77	+0·51	+ 18	+0·3	−1·0	− 5	−1·1
North-West Frontier Province.	0·11	0·68	−0·57	− 84	+0·1	−0·7	+ 2	−0·6
Sind ...	0	0·41	−0·41	−100	0	−0·4	− 5	−0·2
Rajputana ...	1·75	3·05	−1·30	− 43	−1·4	−1·3	− 3	−0·2
Bombay ...	5·73	5·87	−0·14	− 2	−1·3	−0·8	+ 1	−0·1
Central India ...	1·40	6·03	−4·63	− 77	+2·9	+0·4	− 4	−0·8
Central Provinces ...	6·26	7·67	−1·41	− 18	+1·2	+0·7	− 1	+0·1
Hyderabad ...	11·55	7·52	+4·03	+ 54	−1·3	−0·1	+ 4	−0·1
Mysore ...	0·77	5·48	−4·71	− 86	+2·2	0	− 4	−0·4
Madras ...	3·64	5·58	−1·94	− 35	+0·5	+0·6	− 2	+0·2
Mean of India ...	5·68	7·60	−1·92	− 25	+0·7	+0·1	− 2	−0·1

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	15·94	18·07	− 2·13	− 12	+0·4	0	− 2	−0·1
2. Lower Burma ...	14·94	21·68	− 6·74	− 31	+0·5	+0·2	− 1	+0·6
3. Upper Burma ...	5·50	7·48	− 1·98	− 26	+0·6	+0·7	− 1	+0·3
4. Assam ...	12·32	11·29	+ 1·03	+ 9	+0·4	+0·3	+ 1	+1·1
5. Bengal ...	8·92	11·82	− 2·90	− 25	+1·5	+1·0	− 1	+0·5
6. Orissa ...	7·46	9·95	− 2·49	− 25	+0·7	+0·5	+ 1	+0·6
7. Chota Nagpur ...	7·79	8·79	− 1·00	− 11	+1·4	+0·9	0	+0·3
8. Bihar ...	5·69	9·45	− 3·76	− 40	+3·3	+1·6	− 3	+0·3
9. United Provinces, East ...	2·53	7·23	− 4·70	− 65	+5·1	+1·2	−10	−1·8
10. Do. do. West ...	1·28	6·27	− 4·99	− 80	+4·5	−0·4	−15	−1·0
11. Punjab, East and North ...	3·58	3·60	− 0·02	− 1	+1·1	−0·7	− 8	−1·2
12. Do. Southwest ...	2·75	1·31	+ 1·44	+110	−1·1	−1·3	+ 1	−1·0
13. Kashmir ...	3·36	1·44	+ 1·92	+133	−2·7	−1·0	+ 5	−1·1
14. North-West Frontier Province ...	0·11	0·68	− 0·57	− 84	+0·1	−0·7	+ 2	−0·6
15. Baluchistan ...	0·01	0·25	− 0·24	− 96	−1·3	−1·3	− 2	−0·3
16. Sind ...	0	0·41	− 0·41	−100	0	−0·4	− 5	−0·2
17. Rajputana, West ...	1·60	1·97	− 0·37	− 19	−2·9	−2·1	+ 1	−0·2
18. Do. East ...	1·83	3·59	− 1·76	− 49	−0·3	−0·8	− 5	−0·1
19. Gujarat ...	3·23	3·19	+ 0·04	+ 1	−1·7	−1·0	0	−0·2
20. Central India, West ...	1·35	5·69	− 4·34	− 76	−0·7	−0·2	− 2	+0·7
21. Do. do. East ...	1·45	6·37	− 4·92	− 77	+6·5	+1·1	− 5	−2·3
22. Berar ...	5·76	5·95	− 0·19	− 3	+0·2	+1·0	+ 1	−0·1
23. Central Provinces, West ...	4·22	7·71	− 3·49	− 45	+1·8	+0·7	− 3	−0·5
24. Do. do. East ...	9·59	8·46	+ 1·13	+ 13	+0·9	+0·5	+ 3	+0·9
25. Konkan ...	6·15	11·02	− 4·87	− 44	−0·3	−1·0	+ 1	−0·2
26. Bombay Deccan ...	8·80	6·01	+ 2·79	+ 46	−1·3	−0·5	+ 1	+0·1
27. Hyderabad, North ...	12·81	8·03	+ 4·78	+ 60	−1·6	+0·1	+ 5	+0·3
28. Do. South ...	10·61	7·13	+ 3·48	+ 49	−1·1	−0·2	+ 3	−0·2
29. Mysore ...	0·77	5·48	− 4·71	− 86	+2·2	0	− 4	−0·4
30. Malabar ...	3·15	7·82	− 4·67	− 60	+0·3	+0·1	− 3	−0·5
31. Madras, Southeast ...	1·74	3·93	− 2·19	− 56	+1·4	+1·3	− 5	−0·2
32. Do. Deccan ...	3·88	5·84	− 1·96	− 34	−0·6	0	− 3	+0·3
33. Do. Coast North ...	6·68	6·42	+ 0·26	+ 4	−0·2	+0·3	+ 1	+1·2

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·743	−·004	S 75 W	3·0	79·8	77·0	85·3	+0·4	87·8	76·6	0	74·5	87	−2	7·6	15·94	−2·13	21	+1·0	4·35
LOWER BURMA																				
Victoria Point ...	29·695	+·004	S 49 W	4·3	78·1	76·2	82·3	−0·9	85·6	74·8	+0·7	72·0	92	+4	7·5	16·94	−6·95	22	+0·1	3·10
Mergui ...	29·764	−·006	...	...	76·6	75·8	85·0	+0·6	87·9	72·4	−0·4	70·8	96	+2	9·1	18·24	−8·19	26	+3·1	2·46
Tavoy ...	29·809	−·006	S 15 E	1·6	76·7	75·4	85·3	+1·1	89·5	72·6	−1·6	69·3	94	+1	8·4	27·34	−5·72	26	+3·4	5·40
Amherst ...	29·737	...	S 33 W	4·1	73·1	75·9	83·9	...	87·5	74·8	...	73·1	90	...	7·7	40·75	...	26	...	10·40
Rangoon ...	29·777	−·001	S 20 W	2·4	79·5	77·7	86·2	+0·3	90·1	76·3	+0·3	74·0	92	0	9·0	13·01	−2·26	26	+6·3	2·61
Bassein ...	29·765	+·008	S 67 W	2·3	80·3	77·5	87·4	+1·6	90·3	75·9	−0·2	73·2	87	−6	6·6	11·78	−3·42	20	0	1·26
Diamond Island ...	29·752	−·009	S 46 W	5·7	80·8	77·9	84·9	+0·2	86·8	77·5	+1·0	74·8	87	+1	6·3	12·80	−5·18	14	−3·7	3·52
Toungoo ...	29·602	−·026	...	...	81·2	77·4	89·7	+0·7	92·5	76·1	+0·9	74·1	84	−6	7·1	5·58	−6·50	9	−8·6	1·21
Kyaukpyu ...	29·726	−·006	S 52 E	0·5	81·6	78·4	86·9	+1·0	89·3	77·3	+0·9	74·6	86	−3	8·7	12·70	−7·93	20	0	2·75
Akyab ...	29·728	−·007	S 72 E	7·5	80·9	78·5	86·0	−0·4	92·9	77·5	+0·1	74·5	89	−4	7·6	14·06	−8·51	20	+0·9	2·35
UPPER BURMA																				
Minbu ...	29·583	−·017	S 38 E	3·0	82·2	78·0	93·6	+3·3	96·3	77·9	+1·2	76·6	82	−3	4·4	0·81	−5·39	2	−7·6	0·47
Yamethin ...	29·134	+·005	...	...	79·9	76·1	91·5	+0·9	95·4	75·3	+0·6	73·6	83	−4	6·6	3·58	−3·58	5	−5·6	2·75
Mandalay ...	29·517	−·006	S 25 E	2·5	81·9	77·8	93·0	−0·1	96·6	78·7	+1·6	76·2	83	+1	5·5	5·59	−0·15	9	+0·4	1·16
Monywa ...	29·484	−·006	S 44 E	1·9	82·4	78·3	93·2	+1·1	96·0	78·3	+0·5	75·9	83	−3	7·0	1·22	−4·65	3	−4·9	0·61
Lashio ...	27·017	+·003	S 45 E	1·3	73·0	71·1	83·3	−0·4	86·8	69·0	+1·0	64·9	91	0	7·4	7·14	−0·70	13	−0·7	1·80
Bhamo ...	29·363	+·029	N 55 E	1·0	78·3	76·7	88·9	−0·8	95·3	75·0	+0·9	70·2	93	+1	9·3	9·37	−0·52	16	+3·1	2·92
Myitkyina ...	29·274	−·002	Calm	0·5	77·8	76·1	88·7	+0·1	93·6	73·8	−0·9	71·0	93	+2	9·6	10·76	+1·08	15	+2·4	3·10
ASSAM																				
Dibrugarh ...	29·391	−·011	S 89 E	0·8	77·6	76·7	85·9	−0·6	92·3	74·5	−0·2	72·2	96	+4	8·5	21·54	+9·36	20	+5·7	3·55
Sibsagar ...	29·411	−·019	S 56 E	1·2	79·5	77·9	87·9	+0·3	95·0	76·9	+0·7	74·6	93	0	9·8	15·51	+3·81	19	+4·4	2·33
Tezpur ...	29·482	−·009	S 45 E	(e) 0·5	80·4	78·3	89·4	+0·8	95·1	76·7	+0·2	74·9	91	0	8·4	6·34	−1·84	10	−2·1	1·58
Gauhati ...	29·547	−·004	N 72 W	0·9	82·2	78·7	91·3	+1·8	98·7	77·3	+0·9	74·9	85	−2	6·1	1·45	−5·37	4	−6·3	0·33
Dhubri ...	29·611	−·008	S 82 E	2·1	80·8	78·3	86·9	+1·4	92·1	77·0	−0·2	72·2	89	−2	7·1	14·14	−0·33	15	+2·2	2·91
Silchar ...	29·666	+·010	S 67 E	1·2	79·6	78·1	88·3	−1·5	92·6	76·7	+0·5	75·0	93	+3	8·8	14·93	+0·52	22	+6·7	1·76
BENGAL																				
Cox's Bazar ...	29·707	+·008	S	1·0	82·0	78·9	86·7	+0·2	89·5	76·9	+1·4	75·0	87	−3	4·2	7·00	−8·40	12	−2·6	2·20
Chittagong ...	29·658	+·002	S 40 E	7·1	80·6	77·5	87·6	+0·7	90·8	77·4	+1·1	75·0	87	−2	6·6	2·62	−9·31	7	−5·8	0·85
Narayanganj ...	29·698	−·003	S 13 E	2·9	83·9	79·9	90·4	+2·0	93·4	79·8	+1·1	76·6	83	−4	7·5	7·88	−1·75	10	−2·0	2·40
Barisal ...	29·710	+·008	S 14 E	1·0	83·9	80·6	89·4	+1·4	92·7	79·4	+1·4	77·1	86	−2	5·5	5·91	−5·24	10	−4·7	2·02
Jessore ...	29·689	+·008	S 37 E	1·6	83·4	80·9	91·8	+2·6	95·4	80·6	+2·3	77·0	89	+1	6·6	3·88	−4·67	5	−6·8	1·58
Calcutta ...	29·680	+·002	S 37 E	2·2	82·7	80·2	90·7	+2·5	92·6	79·6	+1·5	76·9	89	+2	7·2	8·72	−1·15	5	−8·2	4·03
Saugor Island ...	29·685	+·003	S 34 E	7·9	84·5	79·8	88·0	−0·1	89·5	79·5	0	75·2	81	−6	7·7	6·46	−4·30	11	−2·0	2·10
Burdwan ...	29·606	+·004	S 17 E	1·2	82·9	79·6	92·1	+2·4	94·6	79·1	+0·4	76·0	86	−1	6·8	2·26	−6·34	5	−6·3	1·15
Berhampore ...	29·645	+·005	S 20 E	2·0	84·4	81·0	92·9	+3·9	96·4	79·1	+0·5	75·0	86	−3	8·0	6·22	−3·90	9	−3·0	1·65
Mymensingh ...	29·684	+·013	S 63 E	0·9	81·7	79·5	87·0	−0·7	89·5	78·2	+0·4	74·3	91	+1	9·2	12·98	−0·76	17	+2·0	2·71
Bogra ...	29·654	+·007	S 72 E	0·8	82·7	80·3	92·3	+3·7	94·0	78·8	+1·1	74·3	89	+1	7·8	9·88	−1·79	14	+1·2	1·61
Dinajpur ...	29·580	−·010	S 40 E	1·6	82·3	79·9	89·2	+0·6	93·3	79·1	+1·3	74·0	89	0	7·8	12·80	+0·50	12	−0·5	3·10
Jalpaiguri ...	29·438	−·017	N 45 E	0·6	78·8	77·7	88·3	+0·4	93·6	76·0	+0·3	72·2	95	+4	7·4	29·34	+9·40	18	+2·3	7·95
ORISSA																				
Balasore ...	29·626	0	S 45 E	2·5	83·2	80·3	89·6	+0·7	94·4	78·9	+1·1	75·9	87	0	6·5	6·16	−5·56	13	−0·1	1·24
Hukitala (False Point)	(c) (d) 29·659	−·005	S 72 W	5·8	...	...	...	...	...	...	...	...	...	...	7·5	7·78	−2·22	14	+1·9	1·60
Cuttack ...	29·617	+·005	N 56 W	0·6	82·6	79·0	90·6	+0·5	93·4	78·2	+0·1	75·3	85	+2	6·0	6·62	−2·95	15	+2·7	1·07
Sambalpur ...	29·214	0	S 30 W	1·9	81·7	77·9	89·8	+1·0	94·0	77·2	+0·2	72·9	84	0	7·2	5·29	+0·78	13	+1·7	2·19
CHOTA NAGPUR																				
Chaibasa ...	28·952	+·004	S 27 W	1·4	81·1	78·0	89·9	+0·5	93·1	76·5	+0·7	72·7	87	+1	6·0	10·90	+2·85	8	−3·4	5·74
Ranchi ...	27·570	+·013	S 72 W	1·9	78·1	74·2	86·4	+2·3	89·3	73·1	+1·1	70·3	83	−1	6·6	7·16	−1·93	11	−0·9	2·90
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·32	−3·86	11	−0·8	1·45

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·572	−·014	S 72 E	1·3	82·7	80·1	91·3	+2·4	95·2	78·1	+0·6	71·8	89	−1	6·3	9·38	−3·06	6	−5·2	4·29
Darbhanga ...	29·508	−·025	E	1·6	83·4	79·6	92·3	+3·6	95·6	79·6	+1·2	76·1	84	−2	7·5	2·63	−6·33	5	−4·1	1·47
Patna ...	29·499	−·004	S 74 E	3·5	85·5	80·0	93·2	+3·7	100·0	81·1	+2·3	78·6	78	−5	6·1	2·17	−6·16	6	−3·2	0·74
Gaya ...	29·301	−·013	S 14 W	1·3	85·7	79·6	96·1	+5·3	101·2	80·1	+2·3	72·2	75	−6	2·0	3·16	−4·78	6	−3·3	1·15
Naya Dumka ...	29·205	0	S 38 E	1·4	83·0	79·5	90·4	+1·4	92·5	78·3	+1·8	73·0	85	0	6·7	11·12	+1·56	10	−2·5	3·54
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·425	−·008	E	2·0	84·6	79·4	95·0	+4·7	99·7	78·3	+1·1	75·0	79	−5	1·9	2·57	−5·50	5	−3·9	1·08
Benares ...	29·421	−·011	S 30 W	3·4	84·6	78·4	95·6	+4·7	101·0	78·4	+1·3	73·8	75	−8	2·9	3·33	−3·79	4	−4·7	2·51
Allahabad ...	29·350	−·024	S 85 W	3·5	85·6	77·1	97·2	+5·7	103·3	78·8	+1·9	74·9	67	−13	3·7	1·74	−3·93	3	−4·7	1·30
Cawnpore ...	29·253	−·013	N 53 W	1·9	86·1	75·7	98·9	+6·8	104·4	77·8	+1·1	73·4	61	−19	1·9	1·01	−5·73	3	−3·9	0·55
Lucknow ...	29·294	−·020	N 75 W	1·0	84·1	77·0	96·6	+4·8	101·0	76·6	+0·2	79·5	72	−9	3·1	2·75	−4·29	4	−3·8	1·08
Bahraich ...	29·249	−·025	S 63 E	(p) 2·1	84·3	78·1	95·1	+4·0	99·4	77·9	+1·4	74·5	75	−6	1·4	3·72	−5·00	2	−4·9	2·60
UNITED PROVINCES, WEST																				
Jhansi ...	29·872	−·006	N 81 W	3·4	84·3	73·8	97·0	+5·2	103·1	77·6	+1·6	73·3	60	−15	2·1	0·34	−5·58	1	−6·1	0·26
Agra ...	29·128	−·005	N 62 W	4·3	84·0	71·9	97·5	+4·4	103·3	75·1	−0·5	69·6	55	−25	3·8	2·66	−1·39	2	−3·4	2·38
Mainpuri ...	29·165	+·002	N 51 W	1·7	85·0	73·4	98·5	+5·7	103·9	74·5	−1·5	68·0	56	−22	2·6	1·86	−2·55	2	−3·9	1·46
Bareilly ...	29·118	+·007	N 44 W	2·2	81·2	74·6	95·4	+4·6	100·1	75·6	−0·1	70·4	73	−9	2·1	3·08	−4·39	2	−4·6	2·13
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·37	−5·70	2	−3·0	0·26
Roorkee ...	28·771	−·020	N 49 W	2·6	78·7	72·9	93·2	+2·6	98·2	71·5	−1·6	62·6	75	−6	2·4	0·60	−5·67	2	−3·7	0·32
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·06	−9·66	0	−10·7	0·04
PUNJAB, EAST AND NORTH																				
Delhi ...	28·985	+·018	N 70 W	3·3	82·0	71·2	95·5	+2·5	100·2	78·9	+1·8	75·5	57	−14	2·2	1·12	−3·66	2	−2·5	0·77
Hissar ...	28·952	−·005	S 79 W	3·3	79·1	70·8	97·0	−0·9	108·4	73·2	−2·5	65·5	65	−1	1·1	0·45	−1·91	1	−2·0	0·36
Ambala ...	28·779	−·011	N 73 W	3·5	80·1	71·3	96·5	+3·0	101·6	73·2	−0·5	61·8	63	−16	1·7	4·21	−0·39	2	−2·6	3·98
Ludhiana ...	28·864	−·007	N 77 W	2·3	80·9	71·2	97·5	+3·2	102·3	73·4	−1·8	63·4	61	−13	1·3	2·60	−1·64	2	−1·9	2·27
Lahore ...	28·966	−·004	S 70 W	1·1	80·3	73·3	95·7	−2·2	101·6	73·7	−0·1	65·0	71	+1	1·0	4·19	+1·83	1	−1·6	4·18
Sialkot ...	28·841	−·008	N 67 E	1·3	80·0	72·7	95·4	+0·5	100·7	71·7	−2·1	61·6	69	−4	0·5	5·01	+1·64	3	−0·6	4·13
Rawalpindi ...	28·024	−·008	N 70 E	1·9	80·3	69·4	95·0	+1·6	99·2	69·2	+0·1	59·5	57	−12	0·6	7·46	+4·00	3	−1·4	5·82
PUNJAB, SOUTHWEST																				
Khushab ...	29·060	−·004	N 88 E	3·6	82·7	72·1	97·1	−1·7	100·0	75·1	−1·0	65·7	58	−3	0·4	1·07	−0·24	1	−1·0	1·05
Lyallpur ...	29·060	+·005	S 32 W	(e) 2·2	81·0	71·3	96·9	−0·6	103·5	73·2	−1·2	64·4	60	−6	0·9	5·90	+3·90	1	−1·6	5·88
Montgomery ...	29·104	−·004	S 24 W	2·8	81·7	73·2	97·2	−2·7	104·8	73·8	−2·0	65·6	66	+9	0·3	4·03	+2·50	1	−0·8	4·03
Multan ...	29·234	+·008	S 4 W	3·4	82·6	74·8	100·8	+0·4	108·3	76·5	−1·2	70·6	68	+3	0·1	0	−0·41	0	−0·7	0
Khanpur ...	29·375	...	S 41 W	0·9	82·8	76·3	102·7	...	105·4	68·7	...	60·1	72	...	0·3	0	...	0	...	0
KASHMIR																				
Srinagar (c) ...	24·824	+·013	S 17 E	(d) 1·5	61·5	57·8	81·6	+2·0	87·8	54·3	+0·1	42·8	81	−2	1·3	5·59	+3·99	3	−0·8	4·03
Gulmarg ...	21·862	+·021	N 67 E	2·5	56·5	50·8	63·5	−0·2	68·7	41·9	−1·0	34·9	70	−6	1·6	5·06	+2·29	4	−1·6	3·04
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·73	+1·26	5	−2·5	2·19
Dras ...	20·807	+·026	S 45 W	5·6	48·5	42·6	65·5	−3·7	72·2	41·5	+1·4	32·6	65	+2	1·3	2·77	+1·86	2	+0·4	2·30
Leh ...	19·709	+·003	S 33 W	1·9	47·9	(e) 41·1	70·2	+0·1	78·7	41·4	−0·3	34·5	(e) 54	+4	2·1	0·06	−0·20	0	−0·7	0·06
Skardu ...	22·837	+·030	W	0·7	57·8	53·2	73·4	−4·8	83·6	52·7	−1·1	43·2	75	+18	3·1	1·68	+0·96	2	+0·8	0·86
Gilgit ...	25·001	−·034	S 45 W	0·4	62·3	56·3	(c) 77·6	−9·7	85·0	(c) 58·5	−5·1	50·7	69	+17	2·9	3·61	+3·24	3	+1·8	1·50
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·588	−·002	N	0·1	76·4	70·9	96·9	+1·0	101·2	71·3	+0·6	62·0	76	+10	0·6	0·22	−0·59	1	−0·6	0·14
Dera Ismail Khan ...	29·083	−·002	N 58 E	1·5	82·4	73·1	98·9	−0·7	101·8	73·3	−2·0	62·8	63	−6	0·6	0	−0·55	0	−0·9	0
BALUCHISTAN																				
Fort Sandeman ...	25·320	+·032	S 45 W	1·7	(n) 68·5	56·2	93·3	+0·7	99·5	64·8	−0·4	54·2	(n) 37	−17	0·2	0	−0·64	0	−1·4	0
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−1·17	0	−2·3	0
Quetta ...	24·589	+·024	Calm	1·3	52·6	45·1	85·8	−0·1	92·1	44·5	−5·0	34·8	55	+6	0·1	0·03	−0·04	0	−0·2	0·03
Chaman ...	25·582	−·010	S 31 E	4·0	69·1	50·1	89·4	−1·2	96·6	62·7	0	54·2	21	−15	0·2	0	0	0	0	0
Kalat ...	23·691	−·007	S	3·4	48·1	(d) 42·4	80·0	−4·5	87·0	42·7	+1·0	31·7	(d) 59	+15	0·1	0	−0·05	0	−0·1	0
Dalbandin ...	26·986	+·011	N 53 E	3·3	67·3	52·2	93·0	−1·5	104·8	59·6	−2·0	47·4	31	+1	0	0	0	0	0	0
Mirjawa ...	27·181	...	N 49 W	7·1	67·9	51·0	94·1	...	101·4	61·8	...	52·2	24	...	0	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (n) Mean of 18 days. (p) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·595	+·032	S 39 E	0·8	83·7	73·3	103·0	-0·6	106·9	74·7	-1·8	64·9	59	-11	0·1	0	-0·21	0	-0·4	0
Hyderabad ...	29·624	+·035	S 22 W	7·1	81·9	73·8	97·8	+0·6	104·2	76·3	+0·1	72·5	67	- 2	1·0	0	-0·60	0	-0·8	0
Karachi ...	29·728	+·010	S 88 W	10·5	79·8	75·4	85·6	-0·1	87·2	77·0	+0·5	74·2	80	- 2	5·0	0	-0·42	0	-0·6	0
RAJPUTANA, WEST																				
Bikaner ...	28·944	+·025	S 56 W	6·1	80·9	71·8	95·2	-3·0	101·7	75·5	-3·1	69·7	63	- 2	2·3	1·71	+0·24	3	+0·8	1·17
Jodhpur ...	28·965	+·023	S 42 W	1·7	78·8	72·5	91·9	-2·9	98·7	74·4	-1·1	70·5	73	+ 5	3·4	1·49	-0·97	3	+0·2	0·95
RAJPUTANA, EAST																				
Jaipur ...	28·323	+·028	N 43 W	2·2	81·4	71·6	93·7	-0·2	102·0	73·8	+0·2	69·0	62	- 7	2·9	2·00	-1·41	4	-0·9	0·98
Ajmer ...	28·161	+·037	S 86 W	4·0	78·9	70·9	89·5	-0·8	95·2	73·1	-1·4	64·7	67	- 8	3·9	2·20	-0·47	3	-0·9	1·05
Kotah ...	28·867	-·006	N 52 W	3·1	82·5	74·1	92·6	0	97·8	75·8	-1·2	72·2	66	- 1	3·3	1·35	-3·05	4	-1·5	0·62
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·78	-2·08	4	-1·2	1·08
GUJARAT																				
Deesa ...	29·323	+·049	N 83 W	5·5	79·8	74·0	92·9	-0·5	101·4	72·2	-1·9	68·1	75	- 2	5·1	1·15	-2·39	4	+0·3	0·52
Bhuj ...	29·425	+·014	S 79 W	6·1	79·3	73·0	90·5	-1·5	98·2	72·6	-2·1	70·1	73	- 5	2·1	0·81	-1·07	3	+0·8	0·38
Dwarka ...	29·747	+·016	S 86 W	7·3	79·8	75·0	84·8	-0·7	86·7	77·4	-0·3	75·2	79	- 4	4·5	0·13	-0·93	1	-0·9	0·11
Rajkot ...	29·337	+·008	S 73 W	6·2	77·4	73·7	89·3	-2·4	91·8	71·7	-0·6	66·7	83	+ 3	4·5	5·38	+1·60	7	+2·0	1·62
Veraval ...	29·787	+·024	N 73 W	7·1	79·4	75·9	83·5	0	85·4	77·3	+0·8	72·3	85	- 1	5·9	0·18	-2·13	1	-2·9	0·10
Surat ...	29·766	+·022	S 80 W	2·8	79·8	76·3	86·3	-2·4	91·3	75·6	-0·1	73·8	85	+ 3	7·3	5·84	-0·05	6	-1·1	2·18
Bhavnagar ...	29·739	+·018	N 88 W	3·9	78·4	74·4	90·0	-3·0	96·0	73·6	-1·5	70·5	83	+ 4	6·2	6·40	+3·07	6	+0·4	3·11
Ahmadabad ...	29·657	+·053	N 72 W	5·7	79·4	74·3	89·7	-3·2	96·6	73·8	-2·3	71·3	78	0	4·2	5·93	+2·20	8	+3·5	1·86
CENTRAL INDIA, WEST																				
Neemuch ...	28·133	+·014	N 76 W	6·0	76·7	71·6	86·6	-1·5	92·9	71·1	+0·1	68·4	78	- 2	4·2	1·00	-3·85	2	-4·4	0·66
Indore ...	27·935	-·001	N 51 W	4·6	74·9	70·8	85·4	0	92·0	69·6	-0·5	66·4	82	- 2	7·7	1·69	-4·84	3	-5·4	0·80
CENTRAL INDIA, EAST																				
Nowgong ...	28·967	+·023	S 86 W	0·9	79·7	75·9	96·9	+7·0	102·3	74·0	-0·9	69·7	84	+ 2	2·8	0·66	-5·27	3	-4·1	0·44
Satna ...	28·648	+·067	N 62 W	0·4	84·8	76·7	93·9	+6·1	99·3	77·7	+3·0	73·8	69	-13	2·9	2·24	-4·57	3	-5·8	1·18
BERAR																				
Akola ...	28·813	-·006	N 74 W	4·1	77·9	73·2	89·7	+0·2	95·2	73·9	+1·1	71·8	79	+ 1	6·2	6·53	+0·84	7	-0·9	3·70
Amraoti ...	28·527	+·006	S 83 W	4·9	78·2	74·1	88·5	+0·2	91·9	73·1	+0·9	69·3	82	+ 1	5·7	4·99	-1·22	11	+2·8	0·92
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·701	+·001	N 86 W	5·5	77·0	73·2	88·9	+0·6	94·3	72·8	-0·3	69·5	83	+ 2	4·4	1·53	-4·44	4	-3·3	0·63
Hoshangabad ...	28·748	+·024	S 77 W	1·6	78·6	74·2	90·1	+2·6	94·9	74·2	+1·2	70·4	81	- 4	6·4	2·25	-6·13	4	-5·4	1·21
Saugor ...	27·917	+·007	N 88 W	3·7	78·3	72·1	89·0	+2·5	93·4	71·4	-0·1	67·2	74	- 7	4·8	4·59	-2·35	3	-6·2	3·57
Jubbulpore ...	28·374	-·001	N 88 W	1·4	79·4	74·8	89·5	+2·3	93·1	74·0	+1·2	70·8	80	- 4	3·7	2·20	-5·47	4	-5·7	1·05
Seoni ...	27·696	-·002	N 13 W	2·4	78·4	72·9	87·1	+2·0	90·5	71·6	+1·3	68·1	77	- 4	4·9	5·09	-3·95	8	-3·3	1·38
Nagpur ...	28·713	+·014	N 57 W	3·1	79·7	73·9	90·1	+1·0	93·7	74·5	+0·7	71·4	75	- 4	5·3	9·65	+1·40	11	+0·2	1·66
CENTRAL PROVINCES, EAST																				
Pendra ...	27·677	-·001	N 47 W	2·4	78·2	74·5	86·4	+1·7	89·5	71·9	+0·7	69·7	84	+ 3	6·5	4·39	-1·77	10	+0·2	1·32
Raipur ...	28·730	+·002	S 45 E	1·7	80·5	77·3	89·7	+1·7	93·6	75·5	+0·6	72·4	86	+ 2	6·1	5·28	-2·15	11	+0·8	1·01
Kanker ...	28·409	...	S 81 W	2·7	79·7	75·3	87·3	...	90·3	73·9	...	71·8	82	...	5·7	6·29	...	14	...	1·20
Chanda ...	29·088	-·007	N 89 W	1·7	79·9	76·4	89·8	+0·8	92·4	74·5	+0·1	71·9	85	+ 3	4·1	11·66	+2·48	11	+0·4	3·76
Jagdalpur ...	27·907	-·010	S 69 W	1·4	76·2	73·8	84·5	-0·8	88·3	72·1	+0·7	69·7	89	+ 3	8·0	17·01	+5·93	18	+4·1	5·20
KONKAN																				
Bombay ...	29·784	+·015	S 6 W	5·2	78·4	75·8	84·9	-0·4	87·4	75·1	-0·4	72·3	88	+ 1	7·6	9·91	-0·59	14	+1·3	1·92
Ratnagiri ...	29·615	+·008	S 67 E	4·4	77·5	74·9	82·7	-1·4	84·2	72·5	-2·2	70·9	88	+ 2	5·1	8·83	-3·25	14	-0·9	1·43
Marmagao ...	29·774	+·001	S 45 W	0·5	...	...	...	...	...	...	...	...	...	...	7·9	2·51	-6·96	6	-9·1	0·60
Karwar ...	29·808	+·019	N 26 W	1·7	76·4	74·6	83·8	+1·0	85·2	73·7	-0·4	72·0	91	+ 1	5·2	3·36	-8·67	10	-5·5	0·68
BOMBAY DECCAN																				
Malegaon ...	28·354	+·014	S 68 W	4·5	76·0	70·8	86·5	-2·2	90·9	68·8	-1·4	63·2	77	+ 1	7·1	9·57	+3·68	7	-0·6	3·48
Ahmadnagar ...	27·665	+·018	N 60 W	4·1	74·3	69·3	83·3	-2·9	88·0	67·5	-0·4	61·1	78	0	3·1	10·09	+3·73	10	+1·5	3·00
Poona ...	27·964	+·012	N 82 W	3·8	73·3	69·5	82·0	-2·6	86·5	67·5	-1·1	64·1	82	0	6·4	6·60	+1·76	9	+1·5	1·61
Sholapur ...	28·209	-·005	N 61 W	5·6	74·9	70·6	87·9	+0·7	92·6	71·0	+0·2	68·0	81	+ 4	6·5	13·36	+5·38	13	+4·0	3·10
Bijapur ...	27·859	+·008	N 68 W	6·4	73·5	69·0	86·3	-0·7	94·8	69·0	-0·8	66·0	79	- 1	6·0	10·12	+3·96	8	-0·9	2·37
Belgaum ...	27·291	+·021	S 75 W	3·1	69·2	67·7	79·1	-0·2	82·7	65·7	+0·2	61·2	93	+ 3	8·2	3·06	-1·82	6	-3·4	0·79
HYDERABAD, NORTH																				
Aurangabad ...	27·888	-·003	N 80 W	7·1	73·9	69·3	84·1	-2·5	87·6	69·1	+0·1	66·0	80	+ 3	7·9	7·86	+1·33	8	-0·6	2·25
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10·38	+1·94	10	-1·0	2·47
Nizamabad ...	28·488	-·004	S 72 W	2·1	75·7	72·5	86·9	-0·7	90·0	72·6	0	69·8	86	+ 6	4·7	20·19	+11·07	13	+3·2	3·85

(a) Reports only rainfall.

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·283	+·009	N 67 W	7·1	75·5	70·9	86·7	−1·8	92·8	72·0	+0·6	67·6	80	+ 1	5·3	18·69	+11·21	14	+3·3	5·80
Raichur ...	28·469	−·004	N 86 W	6·4	75·9	71·3	87·9	−1·0	93·2	70·6	−1·9	67·6	80	+ 2	2·5	7·34	+0·15	9	−1·3	2·20
Hyderabad ...	28·050	+·003	N 77 W	3·7	75·9	71·7	86·9	+0·5	91·9	72·6	+0·3	70·2	81	0	7·4	7·82	+0·78	10	+0·7	2·19
Hanamkonda ...	28·850	−·009	N 56 W	4·4	78·7	75·3	86·5	−2·1	90·6	75·1	+0·2	72·2	85	+ 9	7·7	8·60	+1·77	11	+2·3	3·05
MYSORE																				
Chitaldrug ...	27·442	+·016	S 77 W	6·8	71·0	67·5	85·4	+1·5	89·5	67·8	+0·2	65·3	83	+ 1	8·4	1·36	−3·11	3	−4·7	0·75
Bangalore ...	26·861	+·017	N 82 W	6·8	71·1	66·1	85·3	+3·0	88·5	66·3	+0·7	63·5	76	− 9	7·8	0·74	−6·24	1	−8·4	0·68
Mysore ...	27·348	+·005	S 69 W	5·5	71·3	66·6	86·2	+2·0	90·7	65·7	−0·8	63·3	77	− 4	5·6	0·21	−4·77	1	−7·7	0·11
MALABAR																				
Mangalore ...	29·788	+·010	N 78 E	3·3	78·2	75·2	84·0	−0·3	86·0	73·7	−0·4	72·1	87	0	6·2	6·79	−3·63	17	+1·7	1·61
Calicut ...	29·825	+·001	N 42 W	4·1	78·8	74·9	86·9	+3·1	88·9	74·2	−0·3	72·6	83	− 7	6·9	2·02	−5·71	4	−7·4	1·10
Cochin ...	29·862	+·010	N 34 E	4·5	79·6	75·8	82·8	−2·2	84·9	75·3	+0·7	73·6	83	− 2	5·8	2·63	−6·35	6	−8·0	0·55
Trivandrum (c) ...	29·641	−·014	N 14 W	(d) 7·6	78·4	74·3	83·7	+0·6	85·4	75·2	+0·2	74·0	82	− 1	6·2	1·16	−2·98	2	−5·7	0·81
MADRAS, SOUTHEAST																				
Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−1·30	0	−1·9	0
Pamban ...	29·750	−·016	S 4 E	5·3	83·6	77·9	89·4	+0·1	91·3	79·9	+1·5	78·1	77	− 1	3·1	0·08	−1·12	0	−2·1	0·08
Madura ...	29·337	−·001	N 55 W	4·2	83·0	72·9	99·1	+4·2	102·5	77·7	+2·2	73·8	59	−10	6·3	0·85	−4·26	4	−2·7	0·30
Negapatam ...	29·764	+·003	S 77 W	4·9	83·2	75·1	93·9	+1·3	96·9	79·3	+2·5	76·2	67	− 9	5·3	0·30	−3·47	1	−5·2	0·14
Trichinopoly ...	29·542	−·005	S 74 W	5·4	83·7	73·1	98·0	+2·8	100·8	77·2	+1·4	70·9	58	−13	4·6	0·81	−4·02	2	−4·4	0·44
Coimbatore ...	28·476	+·002	S 17 W	4·9	77·2	74·3	88·7	−0·4	92·2	70·5	−0·3	68·8	87	+ 4	3·2	0	−1·51	0	−3·4	0
Salem ...	28·904	+·013	S 53 W	4·2	79·1	72·3	94·4	+2·9	97·4	74·5	+2·0	73·1	71	− 9	4·6	2·00	−4·59	4	−5·0	0·89
Cuddalore ...	29·752	+·008	S 64 W	5·1	82·3	76·9	92·4	+0·2	97·1	77·5	+1·1	71·1	78	− 1	6·5	3·46	−2·60	4	−3·0	1·84
Madras ...	29·736	−·015	S 61 W	5·1	81·9	76·7	93·4	+0·3	100·2	77·4	+0·2	72·9	78	0	6·6	8·18	+3·19	11	+3·9	1·98
MADRAS, DECCAN																				
Cuddapah ...	29·363	+·007	N 42 W	...	81·5	73·7	95·5	+2·0	97·8	76·9	+0·8	73·3	68	− 6	7·0	2·59	−3·68	7	−1·7	0·83
Bellary ...	28·315	−·002	N 76 W	7·1	76·9	69·4	88·9	−1·8	94·8	72·2	−0·7	68·6	68	− 2	5·7	2·67	−2·41	5	−2·7	1·62
Kurnool ...	28·853	+·002	N 80 W	7·4	77·3	71·7	88·0	−1·9	94·6	73·8	0	70·9	76	− 2	8·3	6·39	+0·22	11	+1·4	1·43
MADRAS COAST NORTH																				
Nellore ...	29·697	+·008	N 88 W	3·7	83·9	75·8	95·2	+0·6	102·4	79·3	+1·6	73·8	68	− 6	7·2	4·05	−0·70	4	−2·4	2·00
Masulipatam ...	29·721	−·010	N 88 W	4·9	81·2	78·1	89·8	−1·0	95·0	77·8	+0·3	73·0	87	+ 4	9·1	8·41	+2·21	11	+1·6	2·47
Cocanada ...	29·694	−·005	N 88 W	4·0	81·2	77·8	89·7	−0·2	96·1	77·0	−1·4	74·7	85	+ 2	7·3	8·60	+2·85	13	+4·6	3·44
Vizagapatam ...	29·660	−·009	N 57 W	5·4	83·2	79·2	88·1	−0·3	93·5	79·3	+1·2	76·2	83	+ 4	8·2	5·89	−0·63	10	+1·5	1·19
Calingapatam ...	29·681	−·001	N 53 W	4·4	82·1	78·8	89·2	−0·9	92·5	78·5	+0·1	76·0	86	+ 1	6·2	4·17	−3·62	9	−0·1	1·04
Gopalpur ...	29·640	+·002	N 9 W	5·0	83·2	80·2	88·9	+0·5	93·8	78·3	−0·2	75·0	87	+ 2	5·7	8·95	+1·44	11	+1·4	3·24
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN									✓			✓								
Maymyo ...	26·317	−·016	S 42 W	1·2	70·9	65·8	79·0	+1·6	83·9	65·4	+0·7	61·8	91	0	7·8	8·60	−1·57	13	−2·3	1·47
Shillong ...	25·046	−·001	N 18 E	1·1	67·5	65·1	74·6	+0·2	78·9	62·3	+0·6	59·3	83	+ 4	8·1	18·44	+7·71	19	+1·4	2·72
Cherrapunji ...	25·614	+·008	S	4·5	68·1	66·7	72·3	−1·1	77·0	65·2	+0·9	63·9	93	+ 3	9·6	50·96	+12·98	25	+6·1	16·24
Darjiling ...	22·910	−·008	N 45 W	1·8	60·0	59·0	66·5	+1·1	70·1	57·6	+1·7	56·2	94	+ 1	9·4	6·55	−11·83	14	−3·2	1·61
Mukteswar ...	22·809	+·013	S 78 W	5·2	61·6	56·2	71·0	+2·6	78·5	57·6	+2·8	54·1	72	−11	4·7	0·63	−6·93	1	−8·4	0·54
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·14	−14·42	5	−8·1	1·30
Chakrata ...	23·357	+·049	N 77 E	5·4	65·0	60·0	71·0	+1·9	73·8	58·5	+1·5	54·1	76	− 7	5·3	1·64	−5·26	1	−7·3	1·54
Simla ...	23·056	−·001	N 31 E	1·6	62·3	55·3	69·0	+5·2	71·9	57·2	+0·6	49·6	67	−10	5·6	3·61	−2·59	3	−5·9	2·60
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·30	...	3	...	4·70
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·05	...	6	...	4·76
Murree ...	(e) 23·960	+·031	N 45 W	3·0	67·0	57·6	72·8	−0·1	75·5	60·8	+2·2	50·2	58	− 9	1·7	6·78	+1·17	6	−1·1	4·95
Cherat ...	25·653	+·038	N 78 W	6·6	71·9	63·2	(c) 83·1	−1·2	88·6	68·9	+3·3	59·6	63	+ 4	0·5	1·62	−0·54	3	0	1·02
Parachinar ...	24·391	+·013	Calm	1·1	69·6	56·6	82·8	+1·7	87·6	57·0	−1·7	50·6	45	− 8	0·6	0·22	−1·98	0	−4·7	0·08
Drosh ...	...	...	E	3·4	67·2	58·6	86·1	−2·5	96·2	63·4	−1·5	50·0	60	+ 8	1·8	1·36	+0·73	5	+3·3	0·50
Mount Abu ...	25·949	+·019	N 88 W	4·2	68·7	63·8	74·5	−0·7	80·1	64·1	−0·7	59·9	77	− 2	5·7	6·25	−2·71	5	−2·8	4·48
Pachmarhi ...	26·330	+·019	N 58 W	3·4	71·3	68·0	78·9	+1·4	84·3	66·7	+0·5	63·4	85	+ 1	7·2	8·77	−5·04	10	−3·0	2·22
Mercara ...	26·153	+·016	N 85 W	5·5	64·4	63·0	71·3	−0·6	75·0	60·9	−0·7	58·4	93	− 1	8·4	5·53	−5·29	17	−1·1	1·00
Kodaikanal ...	22·762	+·015	N 85 W	4·8	58·9	53·1	65·9	+2·1	71·0	52·2	0	50·5	69	−11	4·6	3·35	−3·90	6	−6·7	1·54
Coonoor ...	24·419	...	S 30 E	3·3	66·2	58·3	71·3	...	73·8	61·8	...	57·4	63	...	5·8	1·00	...	2	...	0·76
CEYLON																				
Colombo ...	29·835	−·002	S 47 W	4·4	78·9	75·1	87·3	+1·1	88·6	77·8	+1·1	74·6	83	− 1	7·3	1·41	−3·47	5	−3·4	0·52

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days.

MONTHLY WEATHER REPORT

FOR

October 1928

Supplement to the Indian Daily Weather Report for the 17th November 1928

Published by order of the Governor-General in Council

Summary.—The monsoon was markedly active except in the Punjab, Kashmir and along the frontier. The establishment of the northeast monsoon in the south Bay of Bengal on the 18th was associated with a storm which formed off the Coromandel coast on the 21st and moving northwestwards crossed the coast near Masulipatam on the next day. The storm gave very heavy rain resulting in severe floods and serious breaches in the Railway along the north Madras coast.

The monsoon was active in Upper Burma and the central parts of the country and extended into the east United Provinces by the 2nd. A depression formed in the north Bay of Bengal on the 2nd, crossed the Orissa coast on the 3rd and moving northwestwards lay over the east Central Provinces during the next three days. It gave widespread rain in Orissa and the north Madras coast on the 2nd and 3rd, in the United Provinces and the central parts of the country on the 4th and 5th and in the north Deccan, Bengal and Bihar and Orissa on the 5th and 6th. The monsoon strengthened in Burma on the 4th and fairly widespread rain occurred there till the 15th. Extensive rain also fell in the south of the Peninsula and northeast India from the 6th to 17th. Several heavy falls occurred; Nizamabad had 5″ on the 5th, Silchar 5″ on the 9th and 10th, Cherrapunji 5″ on the 9th, 10th, 11th and 13th, Mymensingh 7″ on the 10th and 5″ on the 11th, Bogra 6″ on the 10th, Akyab 8″ on the 12th, Cochin 6″ on the 13th and Myitkyina 5″ on the 13th.

2. The northeast monsoon established itself in the Bay of Bengal on the 18th and with its strengthening a depression formed off the Coromandel coast on the 20th. It developed into a storm by the next day and moving northwestwards crossed the coast near Masulipatam on the 22nd and induced a depression in the Arabian Sea off the Konkan coast on the 23rd. The storm caused extensive rain in the Peninsula between the 19th and 23rd with very heavy falls on the east coast. It also extended rainfall into the central parts of the country, the United Provinces and Rajputana between the 20th and 23rd. Some of the noteworthy falls were Masulipatam and Madras 6″ and Calingapatam 4″ on the 20th and Vizagapatam 10″, Cocanada 6″ and Masulipatam 4″ on the 21st. The exceptionally heavy rain is reported to have caused severe floods in the districts along the north Madras coast resulting in serious breaches in the Madras and Southern Mahratta Railway, breakdown of telegraphic communication and also loss of some lives. The Arabian Sea depression moved in a northerly direction towards the Sind-Kathiawar coast where it disappeared on the 27th. It caused an extension of rainfall along the west coast and in Sind, Gujarat and Rajputana and widespread rain continued in the United Provinces and the south of the Peninsula till the 24th. Widespread rain also occurred in Bengal and Assam between the 24th and 26th, Narayanganj getting 4″ on the 25th and Cox's Bazar and Chittagong 5″ each on the 26th. Weather was generally dry over the country from the 28th to the close of the month except for scattered falls in the extreme south, Assam and Burma.

3. The month's total rainfall was in slight defect in Lower Burma and in large defect in the Punjab East and North, Kashmir, the North-West Frontier Province and Baluchistan. It was nearly normal in Madras Southeast and the Madras Deccan, in slight to moderate excess in the United Provinces East, Rajputana West, Gujarat, the Central Provinces East, the Bombay Deccan, Hyderabad South and Malabar and in large excess elsewhere. The excess in Sind was more than ten times the normal. The average rainfall in the plains of India was in excess by 54 per cent.

4. Maximum temperature was above normal in Kashmir between the 19th and 23rd and in Central India East between the 11th and 20th and below normal in the Deccan on the first three days, in east Rajputana during the last week and in the United Provinces West between the 23rd and 26th. Night temperature was markedly above normal in the United Provinces, the

Punjab, Rajputana, Gujarat, the Central Provinces and Central India during the last week. The month's mean maximum temperature was above normal in the Punjab, Kashmir, Baluchistan and west Central India and below normal in Assam and Hyderabad. The mean minimum temperature was above normal in Bihar and Orissa, the United Provinces, Baluchistan and Central India East.

Summary of the Local Conditions

Burma, including the Bay Islands.—The month's rainfall was in large excess in the Bay Islands and Upper Burma and in slight defect in Lower Burma. Humidity was below normal in Lower Burma. Other climatic elements were normal.

Northeast India, including Orissa.—The total rainfall of the month was in large excess everywhere. Cloud proportion was markedly above normal throughout the division and humidity was above normal in Orissa and Chota Nagpur. Maximum temperature was below normal in Assam and minimum temperature above normal in Bihar and Orissa.

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

Northwest India.—The month's total rainfall was in slight excess in Rajputana West and Gujarat, in large excess in the Punjab Southwest, Sind and east Rajputana and in large defect elsewhere. The cloud proportion was in excess in Sind, Rajputana and Gujarat and in defect elsewhere. Humidity was above normal in Rajputana West, and below it in Baluchistan. Maximum temperature was above normal in the Punjab East and North, Kashmir and Baluchistan, while the minimum temperature was above normal in Baluchistan.

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

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 8th November 1928.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	8·79	7·98	+0·81	+ 10	−0·7	−0·8	− 3	+0·3
Assam ...	10·57	4·85	+5·72	+118	−2·2	+0·1	+ 1	+2·3
Bengal ...	12·19	5·42	+6·77	+125	+0·3	+1·3	+ 3	+2·3
Bihar and Orissa ...	7·08	3·65	+3·43	+ 94	−0·2	+2·6	+ 5	+2·8
United Provinces ...	2·44	1·42	+1·02	+ 72	+0·8	+3·5	+ 3	+1·5
Punjab ...	0·22	0·32	−0·10	− 31	+1·9	+1·7	− 1	−0·2
North-West Frontier Province.	0	0·13	−0·13	−100	+1·5	+0·9	+ 3	−0·7
Sind ...	0·23	0·02	+0·21	+1050	+1·2	+1·6	− 1	+1·0
Rajputana ...	1·86	0·41	+1·45	+354	−1·2	+1·2	+ 5	+1·4
Bombay ...	3·78	2·20	+1·58	+ 72	−1·1	+0·7	+ 4	+0·7
Central India ...	2·30	1·21	+1·09	+ 90	+1·1	+3·1	+ 7	+1·3
Central Provinces ...	3·33	2·05	+1·28	+ 62	−0·4	+1·8	+ 8	+0·9
Hyderabad ...	3·70	2·39	+1·31	+ 55	−2·2	+0·5	+ 9	+0·3
Mysore ...	12·15	5·56	+6·59	+ 119	0	+1·3	+ 5	+1·5
Madras ...	11·06	8·06	+3·00	+ 37	−0·5	+0·9	+ 2	+0·7
Mean of India ...	**5·45**	**3·53**	**+1·92**	**+ 54**	**−0·2**	**+1·2**	**+ 3**	**+1·0**

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	17·50	11·07	+6·43	+ 58	−1·4	−0·3	− 4	−0·3
2. Lower Burma ...	8·49	9·99	− 1·50	− 15	+0·1	−0·8	− 5	+0·3
3. Upper Burma ...	9·22	5·11	+ 4·11	+ 80	−1·8	−1·0	+ 1	+0·4
4. Assam ...	10·57	4·85	+ 5·72	+118	−2·2	+0·1	+ 1	+2·3
5. Bengal ...	12·19	5·42	+ 6·77	+125	+0·3	+1·3	+ 3	+2·3
6. Orissa ...	8·95	5·31	+ 3·64	+ 69	−1·0	+2·4	+ 5	+2·8
7. Chota Nagpur ...	6·60	2·97	+ 3·63	+ 122	−0·9	+2·5	+11	+3·5
8. Bihar ...	5·87	2·73	+ 3·14	+ 115	+0·6	+2·8	+ 3	+2·5
9. United Provinces, East ...	2·83	2·02	+ 0·81	+ 40	+0·3	+3·9	+ 6	+1·5
10. Do. do. West ...	2·11	0·90	+ 1·21	+134	+1·4	+3·0	− 1	+1·4
11. Punjab, East and North ...	0·20	0·42	− 0·22	− 52	+2·0	+1·5	− 4	−0·1
12. Do. Southwest ...	0·25	0·15	+ 0·10	+ 67	+1·8	+1·9	+ 4	−0·3
13. Kashmir ...	0·06	0·77	− 0·71	− 92	+3·3	+1·1	0	−1·1
14. North-West Frontier Province ...	0	0·13	− 0·13	−100	+1·5	+0·9	+ 3	−0·7
15. Baluchistan ...	0	0·11	− 0·11	−100	+2·6	+2·1	− 9	−0·4
16. Sind ...	0·23	0·02	+ 0·21	+1050	+1·2	+1·6	− 1	+1·0
17. Rajputana, West ...	0·37	0·31	+ 0·06	+ 19	−0·6	+0·9	+ 7	+0·9
18. Do. East ...	2·60	0·47	+ 2·13	+453	−1·6	+1·3	+ 4	+1·7
19. Gujarat ...	0·83	0·70	+ 0·13	+ 19	−1·0	+1·5	+ 3	+0·9
20. Central India, West ...	1·99	0·85	+ 1·14	+134	−1·1	+1·3	+ 5	+1·3
21. Do. do. East ...	2·61	1·57	+ 1·04	+ 66	+3·2	+4·7	+ 7	+1·3
22. Berar ...	3·93	1·89	+ 2·04	+108	−1·1	+1·9	+11	+0·5
23. Central Provinces, West ...	2·79	1·56	+ 1·23	+ 79	+0·2	+1·5	+ 4	+0·5
24. Do. do. East ...	3·83	2·85	+ 0·98	+ 34	−0·8	+2·3	+13	+1·5
25. Konkan ...	10·15	3·82	+ 6·33	+166	−1·1	0	+ 3	+0·5
26. Bombay Deccan ...	3·46	3·11	+ 0·35	+ 11	−1·3	0	+ 7	+0·5
27. Hyderabad, North ...	4·27	1·67	+ 2·60	+156	−2·3	+0·6	+ 9	+1·0
28. Do. South ...	3·28	2·93	+ 0·35	+ 12	−2·2	+0·5	+10	0
29. Mysore ...	12·15	5·56	+ 6·59	+119	0	+1·3	+ 5	+1·5
30. Malabar ...	13·57	10·37	+ 3·20	+ 31	−0·7	−0·2	− 1	+0·8
31. Madras, Southeast ...	8·79	8·55	+ 0·24	+ 3	+0·3	+0·9	− 1	+0·3
32. Do. Deccan ...	4·22	4·14	+ 0·08	+ 2	−1·2	+1·1	+ 8	+1·1
33. Do. Coast North ...	16·21	7·75	+ 8·46	+109	−1·2	+1·5	+ 5	+1·1

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·794	+·004	N 28 E	4·0	80·1	76·1	85·0	−1·4	87·8	76·6	−0·3	72·5	84	−4	5·9	17·50	+6·43	12	−3·7	3·92
LOWER BURMA																				
Victoria Point ...	29·734	+·008	N 62 E	4·4	77·6	75·0	82·5	−1·6	85·7	74·1	−0·2	71·9	88	+1	6·8	13·14	−4·54	16	−2·5	3·93
Mergui ...	29·823	+·018	...	...	77·2	74·9	86·1	−0·5	90·3	72·1	−0·6	69·0	89	−1	7·1	10·92	−1·17	14	−2·2	2·34
Tavoy (b) ...	29·873	+·017	S 56 E	1·9	79·3	74·1	89·2	+1·6	92·3	71·5	−2·4	64·1	78	−11	4·9	5·27	−5·39	7	−5·4	2·02
Amherst (b) ...	29·823	+·023	N 81 E	(c) 1·7	79·8	75·6	87·7	...	91·7	74·2	...	68·6	81	...	3·7	1·93	...	3	...	1·35
Rangoon ...	29·874	+·022	N 61 E	2·4	79·9	76·1	88·7	+1·1	92·3	75·8	0	70·6	83	−7	7·2	4·74	−2·17	5	−5·0	2·38
Bassein & ...	29·863	+·026	S 80 E	2·3	81·2	76·8	88·3	+0·9	91·7	74·4	−1·2	69·4	82	−10	4·3	2·44	−5·74	5	−7·4	0·95
Diamond Island ...	29·821	+·008	N 84 E	7·4	81·5	77·5	86·0	−0·2	89·4	77·5	+0·3	75·5	83	−1	4·8	6·46	−2·08	10	−1·0	1·80
Toungoo ...	29·715	+·004	...	...	79·0	74·6	90·1	+0·3	92·8	72·8	−1·6	65·9	81	−8	4·2	7·10	−0·33	6	−4·2	1·89
Kyaukpyu ...	29·845	+·013	S 45 E	0·7	82·4	77·7	87·5	+1·1	91·6	76·1	−0·2	72·6	81	−5	6·6	8·18	−0·36	10	−1·2	1·95
Akyab ...	29·843	+·007	N 63 E	(c) 6·6	79·2	76·6	85·8	−1·5	89·4	75·2	−1·0	71·7	88	−3	7·4	24·38	+13·47	13	+3·7	7·72
UPPER BURMA																				
Minbu ...	29·708	+·008	S 45 E	1·7	78·4	75·6	88·1	−2·0	93·5	74·1	−1·0	66·0	88	+4	4·2	8·97	+4·46	9	+2·7	2·36
Yamethin ...	29·256	+·035	...	...	78·5	74·3	89·1	−1·5	93·1	72·3	−1·5	63·1	82	−5	4·5	8·25	+2·70	9	+1·1	4·82
Mandalay ...	29·651	+·030	S 31 E	1·0	78·1	75·1	91·3	−0·7	94·7	74·6	−0·1	63·3	87	+5	3·9	9·22	+4·50	9	+2·4	2·40
Monywa ...	29·625	+·023	N 41 E	1·7	78·0	75·5	90·2	−0·1	94·6	74·0	−1·2	63·9	85	−2	6·3	7·71	+3·55	7	+1·0	3·17
Lashio ...	29·130	+·017	S 45 E	0·9	66·8	65·4	77·9	−4·3	83·6	62·8	−1·1	50·4	92	−1	7·6	8·85	+3·14	15	+5·3	2·19
Bhamo ...	29·517	+·068	N 21 E	1·5	73·5	71·7	84·5	−3·2	92·9	69·6	0	61·4	91	+1	7·1	5·61	+1·35	11	+4·3	1·50
Myitkyina ...	29·438	+·036	N 45 E	0·7	72·9	70·9	84·6	−1·1	92·6	68·2	−1·8	62·0	90	+2	7·2	15·91	+9·08	11	+2·9	4·57
ASSAM																				
Dibrugarh ...	29·558	+·016	S 77 E	0·8	72·3	70·8	79·9	−4·2	90·5	68·8	−1·0	61·0	93	+4	6·9	7·92	+2·12	17	+8·8	1·66
Sibsagar ...	29·575	+·007	N 13 E	0·9	74·3	72·9	82·2	−1·9	92·1	71·4	+0·8	66·0	93	−2	9·7	8·29	+3·19	12	+4·3	2·25
Tezpur ...	29·648	+·013	N 45 E	0·6	74·8	72·6	85·9	+0·1	95·0	70·7	−0·4	64·9	90	+1	7·3	4·67	+0·46	12	+5·8	1·03
Gauhati ...	29·708	+·008	N 41 E	0·9	75·2	72·8	84·4	−2·5	90·4	71·8	+1·0	66·8	89	+1	7·4	6·21	+3·42	10	+5·9	2·65
Dhubri ...	29·759	−·005	N 76 E	3·6	76·0	73·9	82·9	−1·6	89·4	72·7	0	68·4	90	+2	5·9	14·66	+10·03	16	+11·3	4·26
Silchar ...	29·807	+·027	N 74 E	1·2	76·5	74·3	85·4	−3·2	93·8	72·7	+0·4	67·2	90	+1	7·0	21·67	+15·12	14	+6·4	5·08
BENGAL																				
Cox's Bazar ...	29·834	+·023	Calm	(h) 1·0	78·6	75·8	85·8	−1·4	91·3	73·9	+0·4	67·2	88	0	5·0	19·35	+11·85	16	+7·8	4·92
Chittagong ...	29·793	+·020	S 79 E	4·7	76·8	74·4	86·2	−0·5	92·3	73·9	+0·6	68·9	89	0	6·6	7·52	+0·64	10	+3·1	4·60
Narayanganj ...	29·842	+·007	S 5 E	1·8	81·1	77·5	89·1	+1·2	93·2	76·5	+1·2	71·6	84	−1	5·5	13·64	+8·57	10	+4·2	4·46
Barisal ...	29·854	+·018	Calm	0·5	81·5	78·0	87·9	+0·5	92·1	76·1	+1·5	72·9	85	+1	4·8	8·00	+1·74	11	+4·3	2·16
Jessore ...	29·838	+·011	S 27 E	1·3	80·9	78·3	89·6	+1·2	95·6	76·4	+2·1	70·2	88	+4	5·5	7·57	+2·68	9	+3·2	1·67
Calcutta ...	29·835	+·003	S 67 E	2·1	80·2	78·1	88·6	+1·2	92·4	77·1	+2·6	73·8	91	+6	6·3	2·83	−1·36	6	0	0·93
Saugor Island ...	29·837	+·001	S 75 E	6·9	81·5	78·0	86·2	−0·9	90·2	76·8	+0·5	72·6	85	0	7·6	16·22	+8·08	13	+5·5	3·40
Burdwan ...	29·758	−·001	S 16 W	1·4	79·5	76·3	89·9	+1·0	93·8	75·7	+1·2	70·6	86	+5	6·2	3·77	+0·34	5	+0·7	2·78
Berhampore ...	29·803	+·009	S 42 E	1·7	81·1	77·5	90·5	+2·7	94·6	75·0	+0·6	69·0	84	0	5·7	5·19	+0·99	11	+6·3	1·73
Mymensingh ...	29·825	+·021	S 84 E	1·2	78·3	76·0	86·4	−0·5	93·1	74·2	+0·3	69·5	91	+4	6·8	24·30	+18·50	15	+9·3	7·65
Bogra ...	29·804	+·014	E	0·7	78·9	76·7	90·2	+2·9	91·8	74·9	+2·0	71·0	90	+5	6·5	18·43	+13·47	18	+12·7	5·58
Dinajpur ...	29·737	−·002	N 86 E	1·3	78·3	75·9	85·4	−2·0	91·3	74·9	+3·0	68·0	89	+3	5·9	10·87	+6·62	16	+11·8	1·82
Jalpaiguri ...	29·582	−·016	N	0·7	74·6	73·4	85·1	−1·5	92·1	71·2	+0·8	65·3	94	+7	6·6	20·82	+15·92	16	+11·2	4·34
ORISSA																				
Balasore ...	29·788	+·005	N 37 W	2·1	80·9	77·5	87·2	−1·4	91·4	76·0	+2·7	71·7	85	+1	5·6	9·66	+3·61	12	+6·1	2·43
Hukitala (False Point)	29·812	−·006	S 84 W	(b) 5·5	...	...	...	...	...	...	...	...	...	...	7·3	8·72	+0·73	13	+5·9	2·57
Cuttack ...	29·765	−·004	N 63 E	0·5	79·4	76·9	88·9	−1·0	92·6	76·0	+1·3	71·4	89	+8	6·5	12·59	+7·39	12	+5·8	3·43
Sambalpur ...	29·355	−·018	N 87 E	1·9	79·5	75·7	88·1	−0·7	91·8	74·7	+3·2	69·7	83	+5	6·9	4·84	+2·84	8	+4·6	1·96
CHOTA NAGPUR																				
Chaibasa ...	29·103	−·006	S 3 E	1·5	77·4	74·7	88·3	−0·7	91·6	73·2	+2·9	68·4	88	+7	6·4	5·49	+2·55	9	+5·0	1·55
Ranchi ...	27·708	+·004	S 79 W	2·1	73·3	70·1	82·4	−1·0	86·3	68·8	+2·2	64·4	85	+14	6·9	5·57	+2·73	12	+7·6	0·99
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·73	+5·61	11	+6·7	2·75

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (h) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·740	−·003	S 45 E	1·2	79·4	76·0	88·4	+0·9	93·5	73·7	+2·5	65·8	85	−4	5·7	8·46	+5·61	8	+4·6	2·55
Darbhanga ...	29·681	−·014	E	1·0	79·6	75·4	88·9	+1·7	93·5	73·8	+1·3	65·3	82	−1	5·1	6·95	+4·56	5	+2·3	2·94
Patna ...	29·668	−·001	N 87 E	3·3	80·2	75·3	89·2	+0·8	95·5	75·8	+3·0	68·6	79	+5	5·3	4·39	+1·85	4	+0·9	3·38
Gaya ...	29·467	−·018	S 36 E	1·4	80·2	75·3	89·7	−0·3	96·9	74·8	+3·6	69·0	80	+7	3·6	4·10	+2·03	5	+2·1	1·81
Naya Dumka ...	29·364	−·001	S 40 E	1·3	78·9	75·7	87·7	−0·3	91·2	74·2	+3·4	64·0	86	+8	4·5	5·47	+1·69	8	+3·5	2·02
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·594	−·002	N 77 E	1·7	77·4	74·1	89·1	+0·3	97·3	71·8	+2·3	62·1	85	+7	2·5	5·27	+1·82	6	+3·6	1·60
Benares ...	29·590	−·015	S 6 W	3·2	78·7	75·2	89·8	−0·7	97·6	72·3	+4·4	64·1	84	+11	5·0	3·14	+0·76	5	+2·7	1·12
Allahabad ...	29·529	−·017	S 8 W	3·4	79·0	72·9	91·1	0	100·4	71·7	+4·2	63·6	74	+7	3·5	3·54	+1·22	7	+5·1	1·18
Cawnpore ...	29·421	−·017	S 36 E	1·7	79·5	72·2	92·9	+1·2	102·6	71·2	+4·6	64·5	69	+4	1·9	3·53	+2·26	5	+3·8	2·22
Lucknow ...	29·467	−·018	S	0·7	77·5	72·4	91·1	−0·3	100·2	70·5	+4·4	63·5	78	+8	3·0	1·46	+0·28	6	+4·3	0·51
Bahraich ...	29·426	−·013	S 65 E	2·3	79·2	73·0	92·1	+1·5	98·8	71·4	+3·2	69·0	73	−2	1·6	0·06	−1·13	0	−1·6	0·06
UNITED PROVINCES, WEST																				
Jhansi ...	29·019	−·031	S 79 W	2·7	79·7	68·3	93·9	+0·6	101·2	70·2	+0·8	65·3	55	0	2·5	5·75	+4·88	4	+3·0	3·26
Agra ...	29·277	−·027	N 74 W	4·0	77·9	67·5	93·1	+0·2	99·5	68·1	+5·4	61·6	58	−3	2·6	3·53	+2·77	2	+1·2	2·37
Mainpuri ...	29·325	−·007	N 10 W	1·4	78·8	69·5	93·6	+0·7	101·6	68·1	+2·7	61·1	62	−3	2·8	2·03	+0·90	3	+2·0	1·70
Bareilly ...	29·282	+·004	N 89 E	1·6	73·4	69·7	92·6	+2·9	97·9	69·5	+4·2	61·1	83	+8	3·2	0·35	−0·84	1	+0·2	0·35
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·49	−0·07	1	+0·4	0·41
Roorkee ...	28·942	−·012	S 45 E	1·9	73·1	66·7	91·2	+2·6	97·3	63·3	+2·1	52·6	69	−5	0·7	0	−0·70	0	−0·8	0
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·62	+1·55	2	+0·6	1·55
PUNJAB, EAST AND NORTH																				
Delhi ...	29·120	−·013	S 50 W	2·0	75·8	65·4	91·3	−0·3	97·2	71·9	+3·5	68·7	55	+1	1·8	0·72	+0·49	2	+1·5	0·59
Hissar ...	29·089	−·037	S 30 W	2·5	72·6	63·5	95·0	−0·7	100·5	64·9	+1·5	58·9	59	+6	0·5	0·56	+0·25	2	+1·5	0·41
Ambala (b) ...	28·936	−·038	S 52 E	(c) 2·1	76·7	65·7	95·4	+3·3	100·7	64·4	+3·0	56·8	53	−15	1·1	0	−0·75	0	−0·7	0
Ludhiana ...	29·025	−·013	S 70 E	1·4	72·7	63·2	95·8	+1·0	100·3	63·6	−0·1	57·8	57	−4	0·5	0	−0·48	0	−0·7	0
Lahore ...	29·129	−·013	S 67 E	0·5	71·1	64·4	95·0	+0·5	99·8	63·4	+2·6	57·3	68	+6	0·3	0	−0·25	0	−0·6	0
Sialkot ...	29·015	−·005	N 86 E	1·0	71·9	63·0	94·2	+2·3	99·7	60·8	−1·3	53·7	59	−3	0·2	0·14	−0·16	1	+0·3	0·14
Rawalpindi ...	28·184	−·010	N 66 E	1·5	70·4	57·5	93·5	+4·7	98·6	58·0	+1·4	52·0	43	−16	0·3	0	−0·51	0	−1·1	0
PUNJAB, SOUTHWEST																				
Khushab ...	29·226	−·020	N 64 E	2·4	73·2	64·1	95·2	+1·2	100·5	64·1	+1·1	58·7	59	+13	0·2	0·50	+0·33	1	+0·6	0·50
Lyallpur ...	29·926	−·008	S 37 E	1·2	74·3	63·7	95·1	+2·0	101·2	63·6	+2·2	57·1	54	−7	1·0	0	−0·34	0	−0·6	0
Montgomery ...	29·267	−·022	S 21 E	2·0	74·8	65·5	96·1	+0·3	102·1	65·6	+2·2	59·7	59	+15	0·5	0·16	+0·10	1	+0·8	0·16
Multan ...	29·462	−·013	S 15 E	1·6	76·1	64·8	99·6	+3·7	106·6	67·8	+2·2	61·6	51	−5	0·1	0·35	+0·30	1	+0·8	0·35
Khanpur ...	29·523	...	S 45 W	0·5	77·9	66·2	100·1	...	106·3	58·5	...	50·9	53	...	0·5	0	...	0	...	0
KASHMIR									✓			✓								
Srinagar ...	24·941	−·006	S 18 E	1·1	52·5	49·3	78·9	+8·5	83·4	41·8	+0·7	34·7	80	−3	0·4	0	−1·09	0	−2·6	0
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·22	−1·99	1	−4·0	0·16
Dras ...	20·883	+·033	Calm	3·3	36·8	(l) 33·9	58·9	+2·5	64·7	31·0	+3·6	23·1	(l) 67	−3	0·9	0·13	−0·59	1	−0·6	0·11
Leh ...	19·735	+·027	N 45 E	1·9	38·3	...	62·8	+3·9	68·1	32·6	+2·1	28·0	...	...	2·4	0	−0·17	0	−0·2	0
Skardu ...	22·948	+·019	Calm	0·5	47·2	41·3	68·6	+2·3	74·1	41·0	−0·3	33·2	62	+2	1·6	0	−0·17	0	−0·4	0
Gilgit ...	25·180	−·024	Calm	0·4	56·7	48·7	74·6	−0·7	79·2	52·1	−0·5	47·2	54	+4	1·5	0	−0·28	0	−0·7	0
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·710	−·063	Calm	0	65·5	59·3	90·6	+2·1	96·0	60·1	+2·1	55·2	68	+6	0·1	0	−0·16	0	−0·4	0
Dera Ismail Khan ...	29·260	−·013	N 41 E	0·8	73·1	64·4	94·5	+1·0	100·2	61·1	−0·4	54·3	60	0	0·2	0	−0·09	0	−0·2	0
BALUCHISTAN																				
Fort Sandeman ...	25·440	+·012	S	0·7	57·8	44·4	86·1	+2·5	91·5	53·0	+1·0	43·4	29	−10	0	0	−0·23	0	−0·5	0
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·23	0	−0·9	0
Quetta* ...	24·756	+·016	Calm	(b) 1·3	46·3	(c) 36·5	77·8	+3·3	83·6	40·9	−1·7	30·5	(c) 30	−18	0·2	0	−0·13	0	−0·3	0
Chaman ...	25·683	−·070	S 61 E	3·6	61·8	46·2	83·2	+3·5	89·3	56·6	+4·6	45·9	25	−15	0·2	0	−0·11	0	−0·3	0
Kalat ...	23·776	−·026	S 8 W	2·5	40·9	(f) 34·6	74·3	+0·4	79·0	36·0	+3·6	27·9	(f) 43	0	0·1	0	−0·12	0	−0·3	0
Dalbandin ...	27·094	−·056	N 71 E	2·5	59·3	46·8	92·1	+3·5	98·6	53·3	+3·1	42·7	33	−3	0	0	−0·04	0	−0·1	0
Mirjawa ...	27·189	...	N 44 W	5·3	61·3	48·3	89·1	...	95·5	56·6	...	48·0	33	...	0·3	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (f) Mean of 27 days. (l) Mean of 20 days.

* Observations from aerograms from 1st October.

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·659	−·006	N	0·7	78·5	64·7	102·1	+3·0	107·7	66·2	+2·5	58·5	44	−11	0·5	0	−0·04	0	−0·1	0
Hyderabad ...	29·747	−·015	S 18 W	3·1	80·1	69·5	99·4	+1·6	108·0	71·9	+1·7	65·4	58	0	3·1	0·18	+0·16	1	+1·0	0·18
Karachi ...	29·842	−·028	N 59 W	6·1	77·8	73·3	86·6	−1·0	98·2	74·1	+0·6	70·2	80	+8	1·9	0·52	+0·51	1	+1·0	0·52
RAJPUTANA, WEST																				
Bikaner ...	29·071	−·010	S 27 W	4·5	79·5	65·9	95·6	−0·5	100·6	71·3	+0·1	63·7	47	−1	1·5	0·08	−0·68	0	−0·5	0·08
Jodhpur ...	29·075	−·017	N 68 W	0·9	76·6	66·7	95·7	−0·7	100·0	69·5	+1·7	64·8	58	+15	2·4	0·67	+0·31	2	+1·6	0·56
RAJPUTANA, EAST																				
Jaipur ...	28·446	−·004	N 2 E	2·4	79·2	66·4	93·1	−1·4	99·5	68·9	+3·8	64·6	52	+3	3·2	4·91	+4·59	2	+1·4	4·39
Ajmer ...	28·273	−·002	S 88 W	2·5	77·1	66·2	90·3	−1·4	95·4	64·9	+0·1	58·2	56	−4	3·1	2·03	+1·70	4	+3·3	1·13
Kotah ...	28·988	−·043	N 74 W	1·8	79·4	69·4	92·8	−2·1	98·6	70·8	+0·1	61·8	59	+12	2·5	2·55	+1·99	7	+6·2	1·16
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·90	+0·21	4	+3·0	0·30
GUJARAT																				
Deesa ...	29·409	−·006	N 56 E	5·1	81·9	70·9	98·9	+1·4	104·0	68·0	+1·1	60·9	57	+4	2·4	1·10	+0·69	4	+3·5	0·48
Bhuj ...	29·512	−·030	N 74 W	3·5	(j) 81·5	70·1	96·2	+0·2	102·0	(b) 71·0	+0·4	66·3	(j) 53	−10	1·4	0·39	−0·05	2	+1·6	0·25
Dwarka ...	29·824	−·026	N 29 W	6·2	79·8	74·9	(b) 84·7	−2·5	97·2	75·8	−0·2	71·8	79	+1	4·2	1·48	+1·12	2	+1·7	0·77
Rajkot ...	29·412	−·032	N 31 W	5·7	79·2	72·1	94·6	−1·0	99·0	71·8	+3·5	66·0	70	+5	3·1	0·54	−0·11	1	−0·2	0·50
Veraval ...	29·841	−·015	N 6 W	5·8	79·8	73·2	87·3	1·4	98·8	75·0	+2·2	71·0	73	+4	2·8	1·30	+0·65	2	+1·3	1·11
Surat ...	(b) 29·820	−·020	S 87 E	1·7	80·7	74·9	92·4	−1·3	98·3	74·1	+2·6	69·4	75	+4	3·6	0·88	−0·87	3	+0·9	0·38
Bhavnagar ...	29·853	−·023	N 62 W	2·3	80·5	72·4	95·7	−0·5	99·6	72·4	+2·0	66·1	65	+4	3·5	0·23	−0·52	1	+0·2	0·21
Ahmadabad ...	29·730	+·009	N 68 E	6·0	80·4	71·9	94·6	−2·7	99·2	72·5	+0·1	68·2	65	+9	1·8	0·72	+0·13	1	+0·1	0·72
CENTRAL INDIA, WEST																				
Neemuch ...	28·232	−·031	N 18 E	3·4	76·8	66·9	89·5	−1·6	91·3	66·9	+2·4	61·0	60	+8	2·6	2·52	+1·99	3	+2·1	1·17
Indore ...	28·026	−·039	N 10 E	2·3	75·9	67·4	88·3	−0·5	91·5	63·9	+0·3	56·2	61	+3	3·3	1·44	+0·29	4	+2·0	0·63
CENTRAL INDIA, EAST																				
Nowgong ...	29·108	+·004	S 32 W	1·3	73·9	70·7	93·7	+3·6	104·0	68·9	+2·8	60·3	85	+16	3·4	3·24	+2·20	6	+4·5	2·09
Sutna ...	28·797	012	S 57 W	0·1	80·9	73·0	90·9	+2·8	95·7	72·7	+6·7	65·0	68	−1	3·5	1·99	−0·11	5	+2·8	0·63
BERAR																				
Akola ...	29·905	−·040	N 56 W	2·2	76·7	70·1	91·8	−0·6	96·5	69·2	+2·6	63·0	71	+11	4·1	3·31	+1·44	4	+1·5	1·50
Amraoti ...	28·630	−·024	N 13 E	3·9	78·3	70·5	89·4	−1·7	92·8	69·7	+1·1	63·8	68	+10	2·8	4·54	+2·62	4	+1·4	2·31
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·793	−·035	S 79 W	2·5	77·1	69·4	92·4	+0·3	97·3	67·4	[illegible]·0	60·0	67	+5	2·3	1·81	+0·58	5	+3·0	0·71
Hoshangabad ...	28·857	−·016	N 31 E	1·0	76·3	69·5	92·3	+2·5	95·7	67·6	+1·3	61·1	70	−1	3·0	1·35	+0·03	3	+0·9	0·59
Saugor ...	28·037	−·026	S 75 W	2·9	77·6	68·2	88·8	+0·5	93·0	67·1	+0·7	61·1	61	+6	3·0	1·22	+0·20	5	+3·2	0·44
Jubbulpore ...	28·501	−·030	S 15 W	0·8	74·7	69·7	87·8	+0·1	91·8	67·2	+3·0	60·3	77	+3	2·4	2·36	+0·55	5	+2·8	0·80
Seoni ...	27·812	−·033	N 18 E	2·2	75·5	68·5	85·1	−1·6	89·0	65·9	+1·7	60·7	70	+8	3·2	6·57	+4·68	7	+4·1	3·65
Nagpur ...	28·831	−·013	N 37 E	3·2	77·0	69·4	89·8	−0·8	93·5	69·6	+1·3	64·9	67	+3	2·9	3·43	+1·33	5	+2·0	2·08
CENTRAL PROVINCES, EAST																				
Pendra ...	27·794	−·031	N 80 W	2·2	72·9	69·6	82·7	−2·2	86·6	66·4	+1·4	61·0	85	+20	4·9	6·28	+3·42	7	+3·5	2·90
Raipur ...	28·859	−·022	N 43 E	1·5	78·4	76·6	88·5	+0·1	92·0	72·1	+2·4	66·6	92	+19	4·3	2·44	+0·33	5	+1·7	1·70
Kanker ...	28·520	...	S 57 E	2·4	77·4	72·8	87·3	...	90·9	70·5	...	65·1	80	...	4·6	1·43	...	3	...	0·93
Chanda ...	29·192	−·034	N 66 W	0·4	78·1	73·8	89·4	−0·7	93·3	70·1	+1·9	63·9	81	+7	1·9	2·76	+1·03	5	+2·3	1·08
Jagdalpur ...	28·018	−·025	N 23 W	1·2	75·3	72·5	85·0	−0·4	89·3	70·3	+3·3	66·1	87	+6	6·9	3·84	−0·88	10	+3·7	0·65
KONKAN																				
Bombay ...	29·812	−·021	N 30 E	5·9	80·0	76·5	88·4	−0·3	95·2	76·4	+1·0	72·8	85	+3	4·0	0·43	−1·73	2	−0·8	0·19
Ratnagiri ...	29·626	−·028	N 79 E	5·3	80·1	75·2	85·9	−2·2	93·8	73·2	−1·1	70·9	80	+3	2·9	5·21	+1·49	9	+4·0	1·63
Marmagao ...	29·775	−·032	S 17 E	0·9	...	...	...	...	...	...	..	...	...	...	6·5	18·91	+15·13	9	+2·7	6·11
Karwar ...	29·806	−·015	N 41 W	1·7	76·6	75·1	84·8	−0·7	90·5	73·9	+0·2	71·4	93	+4	5·5	16·06	+10·43	12	+4·9	3·60
BOMBAY DECCAN																				
Malegaon ...	28·428	−·021	S 47 W	2·7	75·6	68·9	89·9	−1·9	93·9	65·4	−0·7	60·1	71	+11	4·9	2·47	+0·56	6	+3·3	1·07
Ahmadnagar ...	27·727	−·014	N 33 W	3·6	75·6	68·1	85·9	−3·1	89·5	64·7	−0·8	58·9	68	+7	1·5	4·00	+1·97	5	+1·7	2·36
Poona ...	28·022	−·014	S 18 E	(c) 1·9	73·9	69·4	88·6	−0·5	92·6	66·5	0	61·6	80	+7	4·0	1·32	−2·42	2	−3·2	0·79
Sholapur ...	28·269	−·025	N 25 E	4·7	76·4	69·7	89·1	−0·1	92·2	68·6	−0·1	64·9	71	+10	3·2	3·38	+0·15	4	−0·3	1·25
Bijapur ...	27·918	−·003	N 6 E	2·6	75·0	69·1	86·9	−1·9	90·1	65·2	−0·3	62·0	74	+4	4·8	4·58	+1·51	7	+2·4	2·06
Belgaum ...	27·313	−·011	N 11 W	2·8	71·9	68·7	82·9	−0·4	89·0	67·2	+1·9	64·0	85	+6	6·0	5·01	+0·34	10	+2·4	1·01
HYDERABAD, NORTH																				
Aurangabad ...	27·957	−·037	S 70 E	4·8	76·4	67·5	87·0	−3·3	90·6	66·7	−0·1	61·7	63	+8	5·6	3·04	+1·48	5	+2·5	1·27
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·41	+0·56	3	+0·3	1·26
Nizamabad ...	28·567	−·039	N	1·3	75·5	71·4	88·2	−1·3	92·0	69·5	+1·3	64·3	81	+10	2·9	7·36	+5·77	7	+4·4	4·70

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (j) Mean of 22 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·341	−·019	N 28 E	5·7	77·0	70·5	86·7	−4·3	92·6	69·5	+0·3	63·4	72	+5	3·2	0·73	−2·28	2	−1·9	0·35
Raichur ...	28·514	−·028	N 23 E	6·6	77·5	73·2	89·0	−1·2	93·0	70·6	−1·7	67·0	82	+14	0·8	2·70	−0·74	6	+1·9	1·70
Hyderabad ...	28·124	−·017	N 53 E	3·4	76·3	71·9	87·2	−1·2	91·6	70·8	+1·4	68·6	81	+8	5·2	5·12	+1·87	6	+1·5	1·42
Hanamkonda ...	28·950	−·024	N 41 E	3·2	79·2	74·7	87·9	−2·1	93·5	73·7	+2·1	70·5	81	+12	5·3	4·56	+2·54	6	+2·4	2·53
MYSORE																				
Chitaldrug ...	27·458	−·014	S 74 W	3·5	72·8	69·8	84·9	0	89·1	69·2	+1·3	66·6	85	+9	7·7	12·32	+7·99	14	+7·4	3·71
Bangalore ...	26·877	−·007	N 10 E	4·4	71·2	68·4	82·1	0	88·4	66·6	+1·4	63·0	87	+5	8·5	16·10	+10·20	13	+4·1	3·12
Mysore ...	27·353	−·022	S 22 W	4·5	72·2	68·8	84·3	0	89·5	68·1	+1·3	64·0	84	+2	6·8	8·04	+1·58	15	+6·1	1·76
MALABAR																				
Mangalore ...	29·782	−·013	S 85 E	3·2	78·7	75·3	84·8	−1·1	87·2	74·0	−0·4	71·3	84	+1	6·0	13·90	+6·37	17	+6·8	3·95
Calicut ...	29·817	−·019	S 66 E	3·5	79·5	75·5	87·7	+2·0	92·4	74·3	−0·5	69·8	83	−5	7·7	9·91	−0·31	12	+0·7	3·28
Cochin ...	29·855	−·005	E	3·4	79·5	75·8	83·5	−3·0	87·6	74·8	0	72·3	84	+1	6·7	17·75	+4·53	17	+2·8	5·89
Trivandrum ...	29·647	−·021	N	4·5	78·2	74·9	82·5	−0·5	85·6	75·1	+0·2	71·6	85	0	7·0	12·74	+2·16	12	−0·2	3·56
MADRAS, SOUTHEAST																				
Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·16	−3·66	5	−4·0	1·44
Pamban ...	29·782	−·024	S 37 W	6·3	82·0	77·4	87·7	−0·2	92·8	78·9	+1·4	74·4	81	−1	4·3	3·80	−5·24	6	−3·4	2·35
Madura ...	29·369	−·015	N 49 W	2·5	89·9	74·6	93·2	+2·1	101·1	75·8	+1·6	71·4	74	−2	7·1	5·17	−2·65	10	−0·2	2·10
Negapatam ...	29·800	−·011	S 84 W	4·3	80·9	76·4	88·9	+0·1	96·8	76·9	+0·7	72·0	81	0	6·2	9·30	−1·18	8	−2·1	2·45
Trichinopoly ...	29·585	−·009	S 86 W	2·8	81·4	74·8	92·1	+0·9	100·0	74·7	+0·3	70·5	73	−6	5·4	9·86	+2·96	11	+1·6	2·93
Coimbatore ...	28·491	−·023	S 5 E	2·7	76·3	72·5	87·9	−0·1	91·7	71·1	+0·5	68·8	83	−1	4·7	5·40	−1·01	10	+0·3	1·89
Salem ...	28·925	−·008	S 49 W	2·6	77·9	74·1	89·8	0	98·5	72·8	+1·2	71·2	83	+2	6·1	7·35	+0·61	15	+5·1	1·19
Cuddalore ...	29·796	−·006	S 85 W	3·5	80·7	76·9	88·7	+0·1	95·7	75·7	+0·8	72·4	84	0	5·9	14·30	+3·30	14	+3·4	3·94
Madras ...	29·790	−·029	S 65 W	6·1	81·1	77·7	88·5	−0·9	94·2	76·3	+1·1	74·2	86	+3	5·5	20·81	+9·09	14	+3·5	5·73
MADRAS, DECCAN																				
Cuddapah ...	29·399	−·019	N 13 E	...	80·3	76·0	94·2	+1·8	97·1	74·8	+0·5	71·2	82	+9	6·2	6·23	+1·19	11	+4·5	1·23
Bellary ...	28·346	−·032	N 27 W	2·9	77·0	72·1	87·6	−2·8	92·2	72·5	+1·3	68·6	79	+11	5·6	4·02	+0·12	4	−2·1	2·00
Kurnool ...	28·904	−·019	N 20 W	3·4	78·6	73·9	88·4	−2·5	94·0	73·0	+1·6	68·5	79	+5	5·6	2·42	−1·05	7	+2·1	0·65
MADRAS COAST NORTH																				
Nellore ...	29·763	−·008	N 86 W	2·7	81·7	77·4	90·0	−1·2	96·1	77·0	+1·3	73·8	82	+1	6·2	14·22	+5·86	11	+3·0	4·08
Masulipatam ...	29·818	−·019	N 23 W	3·3	81·4	78·0	87·5	−1·5	91·5	77·2	+1·3	74·2	85	+2	5·3	13·97	+5·87	10	+1·7	6·31
Cocanada ...	29·809	−·008	N 6 E	3·8	81·7	77·6	87·8	−0·3	93·4	78·1	+2·0	73·7	83	+4	5·8	13·80	+5·95	14	+5·8	6·30
Vizagapatam ...	29·793	−·008	N 57 W	4·5	81·3	78·3	85·9	2·1	88·3	77·3	+0·9	70·1	87	+12	6·6	25·01	+17·94	16	+8·7	10·27
Calingapatam ...	29·820	−·002	N 24 W	4·2	80·3	77·8	87·0	−1·6	92·0	77·1	+1·3	73·0	89	+4	5·1	20·25	+13·13	14	+7·0	3·84
Gopalpur (b) ...	29·780	−·008	N 3 W	(c) 5·1	81·1	78·3	87·3	−0·7	91·5	76·7	+2·0	73·0	88	+6	4·7	9·99	+1·97	13	+6·3	2·26
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN									✓			✓								
Maymyo ...	26·434	+·018	S 58 E	1·7	67·3	65·4	77·0	+0·3	82·4	61·2	+0·7	48·5	91	0	6·8	8·25	+0·63	15	+3·4	1·86
Shillong ...	25·138	−·005	N 19 E	1·6	64·1	61·3	70·7	−0·7	75·2	56·2	+1·4	48·6	85	+7	5·1	10·27	+3·47	14	+4·0	2·06
Cherrapunji ...	25·731	+·038	S 45 E	3·9	65·5	62·1	69·8	−2·1	76·8	61·0	+0·7	56·5	83	+2	6·8	36·45	+15·19	19	+9·9	5·22
Darjiling ...	22·978	−·007	N 45 E	1·8	55·4	53·6	62·2	+0·5	66·5	51·9	+1·8	45·4	89	+3	7·7	8·15	+3·61	9	+4·4	1·81
Mukteswar ...	22·894	+·022	S 64 W	5·2	56·7	49·6	67·4	+1·3	72·4	52·4	+2·8	47·5	62	+5	2·0	0·07	−1·30	0	−1·8	0·07
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·15	−1·58	4	+0·6	0·78
Chakrata ...	23·438	+·051	N 72 E	6·3	61·1	53·6	68·9	+1·7	73·6	52·6	+1·8	46·2	62	+1	1·1	0·13	−0·83	0	−1·4	0·08
Simla ...	23·156	+·019	N 49 E	1·7	58·6	49·0	65·8	+3·1	70·1	52·6	+1·3	45·2	51	+3	0·7	0·67	−0·41	2	+0·4	0·46
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	0	...	0
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	0	...	0
Murree (b) ...	24·049	+·035	S 45 E	(c) 3·1	63·6	50·2	70·7	+2·2	75·5	58·6	+5·2	51·7	39	−5	0·6	0	−1·50	0	−2·4	0
Cherat ...	25·753	+·023	S 83 W	4·7	(b) 68·5	(m) 58·0	81·1	+3·9	87·0	64·5	+6·5	59·1	(m) 55	+14	0	0	−0·43	0	−1·2	0
Parachinar ...	24·502	+·024	S 45 E	2·6	64·3	49·8	78·4	+3·9	83·8	48·8	0	41·5	34	−7	0·2	0·07	−0·80	0	−2·2	0·07
Drosh ...	...	...	E	2·3	58·0	49·8	81·0	+4·0	86·4	56·3	+5·2	48·4	56	+4	0·5	0·32	−0·90	2	−0·6	0·18
Mount Abu ...	26·039	−·019	N 28 E	3·0	72·7	61·4	79·5	+0·5	83·5	65·4	+0·8	58·4	54	+10	3·1	1·96	+0·97	4	+2·9	1·02
Pachmarhi ...	26·422	−·018	S 75 E	2·1	71·7	64·4	79·8	+0·8	83·6	60·0	+0·5	54·0	68	+8	5·1	1·77	−0·40	4	+0·9	0·58
Mercara ...	26·160	−·005	N 4 E	3·5	66·3	64·9	74·1	−1·4	80·0	62·7	+0·6	59·8	92	+3	8·9	7·52	−1·20	15	+1·6	2·00
Kodaikanal ...	22·771	−·001	N 6 W	4·8	57·4	54·7	63·8	+0·8	69·9	52·3	+1·0	49·5	85	+2	7·0	12·11	+2·43	19	+3·9	2·15
Coonoor ...	24·431	...	S 31 E	2·5	64·0	60·4	69·3	...	73·5	...	...	...	82	...	7·3	17·44	...	20	...	2·31
CEYLON																				
Colombo ...	29·847	−·002	S 55 W	3·8	77·3	74·5	84·0	−1·9	87·7	75·6	+0·4	72·0	87	+1	8·8	24·64	+10·49	19	+3·0	3·86

(a) Reports only rainfall. (b) Mean of 20 days. (c) Mean of 22 days. (m) Mean of 19 days.

MONTHLY WEATHER REPORT

FOR

November 1928

Supplement to the Indian Daily Weather Report for the 20th December 1928

Published by order of the Governor-General in Council

Summary.—The outstanding feature of weather was the passage of a remarkably active western disturbance during the last week of the month, which caused a large excess of rainfall in northwest India. The northeast monsoon was normally active in Malabar and southeast Madras. A storm formed in the Bay off the Circars coast on the 16th and disappeared about four days later at the head of the Bay.

The northeast monsoon was normally active in the south of the Peninsula during the first week and after a short break lasting for a couple of days strengthened markedly in southeast Madras between the 9th and 13th. It extended in Malabar and into the Konkan between the 10th and 12th. Rainfall was frequently heavy in southeast Madras during the first fortnight and was responsible for several breaches on the railway line near Madras and landslips on the Nilgiris Railway; the noteworthy falls were—Pamban 3″ on the 2nd, 6th and 9th, Negapatam 4″ on the 3rd, 4th and 9th, and 3″ on the 10th, Cuddalore 4″ on the 11th, 5″ on the 12th and 3″ on the 13th, Madras 3″ on the 11th and Kodaikanal 3″ on the 12th.

2. Conditions became unsettled in the central Bay of Bengal on the 15th and rapidly developed into a storm with its centre next morning near Lat. 16° N, Long. 85° E. The storm moved northeastwards and lay near Lat. 17°N, Long. 87°E on the 17th morning; thereafter it weakened gradually and disappeared at the head of the Bay on the night of the 20th. It caused local rain in Orissa and the north Madras coast on the 16th and 17th, and an extension of rainfall along the Arakan and Chittagong coasts and into Upper Burma and Assam between the 16th and 20th. Extensive rain fell in the south of the Peninsula on the 20th and 21st, after which dry weather set in over the whole country and continued till the 26th. A marked revival of the northeast monsoon occurred in the south of the Peninsula between the 28th and 30th, and rainfall extended into the Deccan on the last day of the month. A rain storm of unusual severity is reported to have passed over the Nilgiris during this period resulting in numerous landslips and other damages to the Nilgiris Railway including the washing away of an important bridge.

3. Three western disturbances entered northwest India during the month. The first of these was fairly active and caused widespread rain along the frontier and the western Himalayas and in the adjoining plains between the 11th and the 14th. The second affected the frontier on the 21st, but was very feeble and produced no precipitation. The third disturbance began to affect the frontier on the 25th, intensified into a depression over the north Punjab on the 28th and disappeared over Central India by the 30th. The disturbance was remarkably active and induced a spell of unusually wet weather over the belt of country extending from Sind and Baluchistan to the west United Provinces between the 27th and the last day of the month. Associated with this disturbance squally weather prevailed over Karachi on the afternoon of the 27th and the early morning of the 28th, and is reported to have caused slight damage.

4. The total rainfall of the month was in very large excess in all the sub-divisions of northwest India, the excess in the Punjab being twelve times the normal amount. It was also in large excess in the west United Provinces and in slight to moderate excess in Assam and Madras Southeast. The month's rainfall was nearly normal in Malabar and in moderate to large defect in the remaining sub-divisions. Averaged over the plains of India the rainfall was in defect by 26 per cent.

5. Day temperature was above normal in Central India East during the first three weeks, in Kashmir and Baluchistan between the 5th and 8th, and in Baluchistan alone between the 23rd and 25th; it was much lower than usual in the Punjab, the North-West Frontier Province and Baluchistan between the 12th and 15th. Minimum temperature was markedly high over most of

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northwest India between the 7th and 14th and appreciably in excess in the United Provinces and the central parts of the country between the 10th and 18th. High minimum temperature also prevailed along the frontier and in Kashmir and the Punjab between the 26th and 29th and in the west United Provinces on the last two days of the month. A cold wave affected the whole of northwest India on the 29th and 30th, its effect being most pronounced in Baluchistan and the North-West Frontier Province. On the mean of the month maximum temperature was above normal in Bihar, the United Provinces East, Central India East and the Central Provinces West and below it in the Punjab Southwest and the North-West Frontier Province; the minimum was higher than usual in Central India East, Berar, the Punjab, the North-West Frontier Province, Kashmir, Baluchistan, Sind and Rajputana West and lower in Upper Burma.

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 the Bay Islands. Humidity was in defect in the Bay Islands and Lower Burma. Minimum temperature was lower than usual in Upper Burma.

Northeast India, including Orissa.—Rainfall was in moderate excess in Assam, in large defect in Bengal and Orissa, and was altogether absent in Bihar and Chota Nagpur. Cloud proportion was in excess in Assam and Bihar and in defect in Bengal and Chota Nagpur. Maximum temperature was above normal in Bihar.

The United Provinces, Central India and the Central Provinces.—The total rainfall of the month was in large excess in the United Provinces West and in large defect in Central India West and the Central Provinces West; weather was absolutely dry in the remaining sub-divisions. Skies were more clouded than usual in the United Provinces West and less clouded in the Central Provinces. Humidity was in excess in the Central Provinces East. Maximum temperature was above normal in the United Provinces East and the Central Provinces West and the minimum in Berar, while both maximum and minimum temperatures were higher than usual in Central India East.

Northwest India.—The month's rainfall was between seven and seventeen times the average in the Punjab, the North-West Frontier Province and Sind, and between two and four times the average in Kashmir, Baluchistan, Rajputana and Gujarat. Cloud proportion was above normal in all the sub-divisions. Humidity was in excess except in the Punjab East and North, Baluchistan and Rajputana East. Maximum temperature was below normal in the Punjab Southwest and the North-West Frontier Province; the minimum was higher than usual except in Rajputana East and Gujarat.

The Peninsula.—Rainfall was normal in Malabar, in slight excess in Madras Southeast and in large defect elsewhere, weather being wholly dry in Hyderabad. Skies were more clouded than usual in Malabar and less clouded in the Konkan and the Deccan. Other climatic elements were nearly normal.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:

The 8th December 1928.

C. W. B. NORMAND,

Director-General of Observatories.

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	1·46	3·04	−1·58	− 52	+0·8	−1·7	− 3	−0·3
Assam ...	1·24	0·85	+0·39	+ 46	−0·8	−1·3	− 1	+1·0
Bengal ...	0·32	1·23	−0·91	− 74	+1·1	−0·2	− 1	−0·5
Bihar and Orissa ...	0·21	0·85	−0·64	− 75	+2·0	−0·2	− 2	+0·1
United Provinces ...	0·21	0·24	−0·03	− 13	+2·1	+1·4	− 2	+0·4
Punjab ...	1·42	0·11	+1·31	+1191	−2·0	+2·8	+ 5	+1·6
North-West Frontier Province.	1·88	0·22	+1·66	+755	−3·1	+2·1	+11	+1·5
Sind ...	0·43	0·06	+0·37	+617	−0·7	+2·4	+ 7	+1·8
Rajputana ...	0·29	0·11	+0·18	+164	−0·1	+1·7	+ 5	+1·3
Bombay ...	0·31	0·66	−0·35	− 53	+0·5	+1·0	+ 2	−0·1
Central India ...	0·05	0·33	−0·28	− 85	+2·9	+2·0	− 1	0
Central Provinces ...	0·01	0·55	−0·54	− 98	+1·9	+0·4	+ 1	−0·5
Hyderabad ...	0	0·81	−0·81	−100	+0·7	+0·5	0	−0·9
Mysore ...	0·93	2·59	−1·66	− 64	+1·5	+1·4	+ 2	+0·1
Madras ...	5·69	6·67	−0·98	− 15	+0·3	+0·9	− 1	+0·5
Mean of India ...	**1·11**	**1·51**	**−0·40**	**− 26**	**+0·6**	**+0·6**	**+ 1**	**+0·3**

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	3·91	9·51	−5·60	− 59	−0·2	+1·3	− 7	−1·6
2. Lower Burma ...	2·16	3·93	−1·77	− 45	+1·6	−0·7	− 5	+0·1
3. Upper Burma ...	0·56	1·77	− 1·21	− 68	−0·3	−2·9	− 1	−0·8
4. Assam ...	1·24	0·85	+ 0·39	+ 46	−0·8	−1·3	− 1	+1·0
5. Bengal ...	0·32	1·23	− 0·91	− 74	+1·1	−0·2	− 1	−0·5
6. Orissa ...	0·62	1·81	− 1·19	− 66	+1·7	−0·5	− 1	+0·1
7. Chota Nagpur ...	0	0·48	− 0·48	−100	+1·3	−0·7	− 1	−0·5
8. Bihar ...	0	0·31	− 0·31	−100	+2·5	+0·1	− 3	+0·3
9. United Provinces, East ...	0	0·28	− 0·28	−100	+2·9	+1·2	− 4	−0·1
10. Do. do. West ...	0·38	0·21	+ 0·17	+ 81	+1·2	+1·6	+ 1	+0·9
11. Punjab, East and North ...	1·62	0·14	+ 1·48	+1057	−1·6	+2·6	+ 3	+1·4
12. Do. Southwest ...	1·06	0·06	+ 1·00	+1667	−2·8	+2·9	+ 9	+1·9
13. Kashmir ...	1·31	0·41	+ 0·90	+220	−0·8	+2·2	+ 5	+1·5
14. North-West Frontier Province ...	1·88	0·22	+ 1·66	+755	−3·1	+2·1	+11	+1·5
15. Baluchistan ...	0·67	0·24	+ 0·43	+179	0	+3·5	0	+2·1
16. Sind ...	0·43	0·06	+ 0·37	+617	−0·7	+2·4	+ 7	+1·8
17. Rajputana, West ...	0·15	0·07	+ 0·08	+114	−0·1	+2·1	+ 7	+1·6
18. Do. East ...	0·37	0·12	+ 0·25	+208	−0·2	+1·5	+ 3	+1·0
19. Gujarat ...	0·57	0·14	+ 0·43	+307	−0·4	+1·8	+ 5	+0·7
20. Central India, West ...	0·11	0·31	− 0·20	− 65	+0·5	+1·3	− 1	+0·2
21. Do. do. East ...	0	0·36	− 0·36	−100	+5·3	+2·7	− 1	−0·3
22. Berar ...	0	0·51	− 0·51	−100	+1·7	+2·2	0	−0·1
23. Central Provinces, West ...	0·01	0·58	− 0·57	− 98	+2·5	+1·1	− 4	−0·5
24. Do. do. East ...	0	0·52	− 0·52	−100	+1·2	−1·5	+ 9	−0·7
25. Konkan ...	0·13	1·14	− 1·01	− 89	+1·9	+0·4	− 1	−0·9
26. Bombay Deccan ...	0·09	1·03	− 0·94	− 91	+1·1	+0·3	− 1	−0·7
27. Hyderabad, North ...	0	0·55	− 0·55	−100	+0·8	+1·5	0	−0·9
28. Do. South ...	0	1·00	− 1·00	−100	+0·7	+0·1	0	−0·9
29. Mysore ...	0·93	2·59	− 1·66	− 64	+1·5	+1·4	+ 2	+0·1
30. Malabar ...	5·17	5·41	− 0·24	− 4	+0·9	+1·2	− 3	+1·8
31. Madras, Southeast ...	11·19	9·39	+ 1·80	+ 19	−0·5	+1·4	− 1	+0·9
32. Do. Deccan ...	0·31	2·30	− 1·99	− 87	−0·1	+0·7	− 1	−0·8
33. Do. Coast North ...	0·48	5·63	− 5·15	− 91	+1·0	−0·1	0	−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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·852	+·033	N 61 E	1·5	82·2	76·7	86·1	+0·2	87·8	78·4	+1·3	75·5	77	- 7	4·1	3·91	-5·60	7	-5·2	1·28
LOWER BURMA																				
Victoria Point ...	29·766	+·046	N 17 E	·1	78·5	73·8	86·4	+1·0	88·7	74·9	+0·1	70·2	79	- 3	4·3	1·53	-4·26	2	-9·0	0·65
Mergui ...	29·865	+·021	...	...	77·3	73·7	88·3	+0·9	91·0	70·2	-0·5	63·0	83	0	4·3	5·99	+2·28	6	0	1·83
Tavoy ...	29·923	+·028	N 31 E	1·7	77·8	72·8	91·7	+3·8	95·0	67·9	-2·2	60·5	78	- 5	3·5	2·01	-0·20	2	-1·9	1·41
Amherst ...	29·889	...	N 88 E	3·3	78·2	75·0	90·7	...	95·2	73·1	...	65·6	86	..	3·4	1·64	...	1	...	1·62
Rangoon ...	29·919	+·032	N 29 E	2·0	76·9	73·0	90·6	+3·1	93·3	73·1	+0·1	64·8	82	- 4	5·4	2·70	-0·09	1	+0·7	1·51
Bassein ...	29·937	+·039	N 77 E	1·8	78·7	73·2	88·6	+2·5	92·5	71·2	-0·7	63·4	76	-11	3·7	4·70	+1·46	6	+1·8	2·85
Diamond Island ...	29·891	+·024	N 47 E	5·4	81·5	76·0	87·0	+1·5	89·7	77·8	+2·0	73·0	76	- 4	4·1	0·60	-4·83	3	-2·5	0·24
Toungoo ...	29·786	+·011	...	...	73·9	70·0	88·4	+1·6	92·1	68·0	-1·5	58·7	81	- 8	3·0	0·41	-7·41	2	-0·8	0·17
Kyaukpyu ...	29·906	+·037	N 25 E	1·1	78·0	73·1	84·8	+0·6	89·0	72·3	-0·9	65·1	78	- 6	4·9	1·04	-5·50	1	-3·8	0·97
Akyab ...	29·795	+·010	N 27 E	1·9	72·5	69·2	84·0	-0·7	87·2	67·3	-3·6	61·3	85	- 5	3·9	0·48	-5·00	2	-1·7	0·23
UPPER BURMA																				
Minbu (a) ...	29·811	+·021	N 38 W	(d) 2·5	72·7	67·9	84·2	-0·5	91·9	66·9	-2·0	59·0	77	- 3	2·7	0·03	-1·79	0	-2·5	0·03
Yenangyaung ...	29·732	+·016	...	...	71·2	67·7	86·9	0	90·9	61·6	-2·9	55·1	83	- 3	3·6	0·18	-1·41	2	-1·1	0·23
Mandalay ...	29·744	+·029	N 45 E	0·9	69·7	67·4	87·1	-0·6	91·6	65·5	-2·4	57·2	89	- 5	3·4	0·42	-1·21	3	0	0·18
Monywa ...	29·721	+·032	N 11 W	1·8	70·5	67·2	86·1	+0·2	92·6	64·4	-3·5	57·2	83	- 3	3·4	0·14	-1·48	0	-2·1	0·08
Lashio ...	27·189	+·011	Calm	1·0	59·4	57·8	75·6	-1·6	79·0	55·1	-2·9	44·8	91	- 2	5·4	1·46	-1·29	4	-0·9	0·83
Bhamo ...	29·617	+·069	N 28 E	1·2	64·4	62·6	80·4	-0·8	86·8	57·2	-2·8	47·0	90	- 2	4·2	1·07	-0·43	3	+0·3	0·58
Myitkyina ...	29·527	+·031	Calm	0·5	64·1	61·9	81·6	+1·2	87·2	57·1	-2·7	49·8	88	+ 1	2·9	0·29	-0·88	1	-1·0	0·25
ASSAM																				
Dibrugarh ...	29·688	-·057	S 87 E	0·3	63·0	61·3	77·6	-1·9	82·3	58·1	-1·9	49·1	91	+ 1	3·8	1·71	+0·61	4	+1·7	0·90
Sibsagar ...	29·713	+·035	Calm	0·3	62·3	61·7	78·0	+0·3	83·6	58·8	-0·8	50·1	97	+ 1	9·5	2·27	+1·17	5	+2·9	0·85
Tezpur ...	29·789	+·043	N 39 E	0·4	65·6	62·8	81·9	+1·1	89·3	(d) 59·4	-2·0	52·9	85	- 4	4·2	1·71	+0·97	5	+3·6	0·56
Gauhati ...	29·818	+·036	N 31 E	1·0	65·1	63·4	78·9	-2·6	84·7	60·1	-0·9	51·7	91	- 1	6·4	0·72	+0·28	1	0	0·67
Dhubri ...	29·913	+·030	N 88 E	1·2	69·0	65·7	78·3	-1·5	83·6	63·7	0	58·5	83	- 3	1·1	0·48	+0·18	1	+0·5	0·46
Silchar ...	29·928	+·052	S 76 E	0·9	66·6	64·2	84·3	-0·7	87·6	61·2	-2·3	56·1	87	+ 1	3·7	0·55	-0·85	1	-0·8	0·55
BENGAL																				
Cox's Bazar ...	29·951	+·051	Calm	0·9	72·8	68·6	82·5	-2·1	87·7	65·3	-2·1	58·2	80	- 6	1·9	3·16	-1·78	3	-0·5	2·61
Chittagong ...	29·932	+·042	N 65 E	2·6	68·8	65·9	83·9	+0·7	87·8	63·0	-2·6	55·7	84	- 5	3·0	0·34	-1·53	2	+0·2	0·17
Narayanganj ...	29·969	+·036	S 79 E	0·8	73·1	68·8	85·7	+2·2	91·2	66·5	+0·4	59·1	80	- 4	1·6	0·08	-0·90	0	-1·1	0·08
Barisal ...	29·982	+·019	Calm	0·3	71·5	69·8	84·5	+1·6	90·1	65·8	+0·5	57·0	78	- 5	1·0	0	-1·48	0	-1·6	0
Jessore ...	29·974	+·038	N 63 E	0·7	70·9	68·4	85·9	+2·7	91·1	62·8	-1·0	52·0	87	+ 5	1·1	0	-1·02	0	-1·1	0
Calcutta ...	29·973	+·028	N 11 W	1·9	70·2	67·5	85·0	+2·8	89·9	66·5	+1·8	59·2	86	+ 4	1·6	0	-0·66	0	-1·0	0
Saugor Island ...	29·989	+·031	N 25 E	6·1	75·9	(k) 72·5	82·9	+0·8	87·2	67·9	+0·8	59·8	(k) 78	- 7	2·7	0·04	-1·43	0	-1·4	0·04
Burdwan ...	29·912	+·037	N 36 W	1·4	68·8	64·5	86·0	+2·4	92·1	63·0	-1·3	55·0	78	+ 2	1·1	0·91	-0·85	0	-1·0	0·01
Berhampore ...	29·947	+·035	N 59 E	1·1	70·5	66·7	86·0	+3·9	91·8	63·2	-1·1	55·0	81	- 2	0·6	0·03	-0·59	0	-0·7	0·03
Mymensingh ...	29·951	+·047	N 56 E	0·7	69·7	66·8	83·0	+0·4	87·1	63·9	-0·8	57·2	85	- 2	1·4	0	-0·88	0	-0·9	0
Bogra ...	29·941	+·045	N 72 E	0·2	69·5	67·4	83·1	+0·8	90·2	62·4	+0·6	55·7	89	+ 5	0·8	0	-0·74	0	-0·7	0
Dinajpur ...	29·882	+·027	N 59 E	1·0	68·4	65·9	80·5	-1·9	85·0	62·9	+2·1	55·5	87	+ 4	1·7	0·25	+0·03	1	+0·6	0·25
Jalpaiguri ...	29·726	+·016	N 34 E	0·2	66·0	63·8	81·6	-0·2	85·0	61·3	+0·4	53·9	88	+ 4	3·4	0·22	+0·02	2	+1·6	0·12
ORISSA																				
Balasore ...	29·936	+·029	N 29 W	1·5	71·9	66·5	85·3	+1·2	90·7	64·0	+0·9	54·4	73	- 7	2·4	0·18	-1·16	1	-0·3	0·18
Hukitala (False Point)	29·967	+·035	N 20 W	3·7	...	...	...	...	...	...	...	...	...	...	2·9	2·12	-1·43	2	-0·4	1·12
Cuttack ...	29·922	+·035	N 63 E	0·3	69·2	66·2	86·7	+1·8	92·4	65·5	-0·8	57·2	85	+ 7	2·8	0·18	-1·35	1	-0·7	0·18
Sambalpur ...	29·526	+·032	N 45 E	(c) 1·8	70·9	65·0	85·8	+2·0	90·5	60·3	-1·5	49·8	71	- 4	3·5	0	-0·83	0	-1·0	0
CHOTA NAGPUR																				
Chaibasa ...	29·256	+·032	S 45 W	1·6	65·6	62·6	84·5	+1·4	90·5	59·0	-1·1	49·8	84	+ 3	1·8	0	-0·70	0	-1·0	0
Ranchi ...	27·831	+·037	N 81 W	1·4	66·8	58·2	79·1	+1·3	83·4	57·6	-0·3	45·4	58	- 6	1·1	0	-0·38	0	-0·8	0
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	-0·37	0	-0·9	0

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (k) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·897	+·031	S 63 E	0·7	68·5	65·1	83·7	+1·8	87·0	59·7	+0·7	50·2	83	-6	2·9	0	-0·21	0	-0·1	[illegible]
Darbhanga ...	29·841	+·020	S 72 E	0·4	69·7	65·1	83·7	+1·9	90·2	59·7	-1·1	50·8	77	-5	1·8	0	-0·21	0	-0·3	[illegible]
Patna ...	29·829	+·025	S 27 W	1·7	68·0	62·0	85·2	+3·5	92·2	62·1	+1·1	51·5	70	0	1·6	0	-0·28	0	-0·4	[illegible]
Gaya ...	29·624	+·008	S 3 E	0·9	70·0	61·5	86·8	+3·6	91·2	60·8	+1·0	52·1	59	-11	0	0	-0·45	0	-0·6	[illegible]
Naya Dumka ...	29·595	+·024	N 83 W	1·0	67·6	63·3	81·0	+1·8	90·0	58·7	-1·3	51·1	78	+5	1·7	0	-0·41	0	-0·7	[illegible]
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·748	+·025	E	0·8	65·0	60·9	84·0	+2·2	90·1	57·0	-0·5	49·4	75	+2	0·8	0	-0·17	0	-0·3	0
Benares ...	29·718	+·009	S 44 W	2·6	66·6	60·1	86·2	+3·4	92·1	56·1	+0·6	46·5	68	-6	1·1	0	-0·30	0	-0·6	[illegible]
Allahabad ...	29·679	-·001	S 58 W	2·7	67·6	59·1	87·4	+4·0	93·3	57·3	+2·0	48·3	59	9	1·4	0	-0·33	0	-0·6	0
Cawnpore ...	29·566	-·002	S 57 W	1·4	67·2	59·2	87·0	+3·2	93·2	57·3	+2·6	47·0	60	-7	0·5	0	-0·40	0	-0·4	0
Lucknow ...	29·611	-·006	N 28 W	0·6	64·6	58·5	86·6	+2·9	92·4	55·6	+2·1	45·7	68	-2	1·1	0	-0·19	0	-0·4	0
Bahraich ...	29·568	+·002	N 76 E	1·8	64·1	59·0	(h) 85·0	+1·9	90·8	57·0	-0·6	47·9	72	-4	0	0	-0·28	0	-0·6	0
UNITED PROVINCES, WEST																				
Jhansi ...	29·163	-·006	S 60 W	1·4	69·4	58·9	86·4	+0·9	93·6	58·1	-0·4	47·9	51	-1	0·5	0	-0·17	0	-0·4	0
Agra ...	29·422	-·013	S 67 W	3·1	64·8	58·7	85·1	-0·4	91·2	55·2	+5·7	45·3	67	9	1·8	0	-0·12	0	-0·3	0
Mainpuri ...	29·470	+·005	N 67 W	1·7	65·6	57·8	86·1	+1·8	91·8	53·7	-0·2	43·5	60	-6	1·6	0·22	+0·01	1	+0·7	0·22
Bareilly ...	29·420	+·017	N 23 E	1·2	61·0	57·1	84·4	+3·0	90·5	55·2	+1·9	44·7	77	+2	2·4	0	-0·23	0	-0·4	0
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·57	+0·42	2	+1·6	0·31
Roorkee ...	29·073	+·002	N 33 E	1·8	57·7	53·6	80·6	+0·7	88·2	50·8	+1·0	40·4	76	-1	2·4	0·96	+0·69	2	+1·5	0·71
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·92	+0·51	3	+2·3	0·55
PUNJAB, EAST AND NORTH																				
Delhi ...	29·253	-·007	S 71 W	2·0	63·7	55·1	81·3	-0·9	89·2	60·8	+1·1	53·9	54	-1	1·9	0·46	+0·35	2	+1·7	0·24
Hissar ...	29·228	-·033	S 12 W	2·8	59·4	52·5	83·1	-1·5	91·9	(e) 52·4	+2·1	41·7	61	+1	1·5	0·83	+0·89	2	+1·9	0·68
Ambala ...	29·071	-·006	N 77 E	2·1	60·3	53·9	81·6	-0·3	89·7	52·7	+2·8	41·5	65	-8	3·1	1·50	+1·22	4	+3·6	0·63
Ludhiana ...	29·159	-·003	N 22 E	1·7	58·8	53·3	81·3	+0·7	91·9	52·9	+1·2	43·6	68	+3	2·7	0·73	+0·62	2	+1·7	0·46
Lahore ...	29·263	-·014	N 24 W	0·8	57·2	54·1	78·7	-4·5	90·4	53·3	+1·9	45·0	82	+9	4·0	1·52	+1·45	5	+1·8	0·66
Sialkot ...	29·143	-·005	N 72 E	0·9	58·9	54·6	77·6	-3·2	90·1	50·4	+0·8	42·2	76	+6	2·8	3·53	+3·42	4	+3·7	1·70
Rawalpindi ...	28·297	-·008	N 79 E	1·5	52·5	48·0	76·0	-1·5	88·3	46·8	+2·6	39·0	73	+8	2·5	2·80	+2·51	5	+1·6	2·04
PUNJAB, SOUTHWEST																				
Khushab ...	29·381	-·008	N 69 E	2·7	58·5	50·5	79·8	-3·1	92·2	52·1	+1·9	41·7	53	+2	3·3	0·67	+0·59	3	+2·8	0·45
Lyallpur ...	29·372	+·001	S 32 E	1·1	58·7	54·3	78·5	-3·2	91·2	52·5	+4·7	45·1	75	+6	1·7	2·14	+2·13	4	+1·0	0·69
Montgomery ...	29·411	-·023	S 16 E	2·3	61·3	56·5	80·5	-3·4	91·3	54·1	+2·4	44·7	73	+21	2·3	0·85	+0·78	1	+3·8	0·32
Multan ...	29·563	-·007	N 49 E	1·3	61·2	55·1	83·1	-1·4	95·4	56·5	+2·8	48·6	66	+6	2·3	0·59	+0·52	2	+1·9	0·44
Khanpur ...	29·682	...	N 45 E	0·2	63·3	56·0	87·0	...	99·0	43·8	...	39·3	62	..	2·2	1·65	...	1	...	1·65
KASHMIR																				
Srinagar ...	24·995	-·002	N 74 E	2·3	40·5	(d) 39·1	59·7	-0·8	✓ 72·4	34·4	+2·7	✓ 25·5	(d) 85	+1	4·9	1·73	+1·30	1	+2·8	0·55
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·62	+3·20	8	+5·6	1·32
Dras ...	20·869	+·004	S 45 W	1·4	21·7	...	39·7	-1·4	54·7	17·1	+3·9	2·6	...	...	1·2	1·36	+0·92	5	+3·8	0·40
Leh ...	19·761	+·005	Calm	1·0	25·3	...	45·9	-1·5	57·8	22·1	+1·7	13·1	...	...	5·0	0·12	+0·09	0	-0·2	0·09
Skardu ...	22·976	-·016	S 45 W	0·3	33·6	...	54·4	+0·4	63·5	31·0	+1·6	21·9	(a) 82	+4	4·7	0	-0·07	0	-0·2	0
Gilgit ...	25·244	-·038	Calm	0	47·4	41·5	62·0	-0·9	71·0	42·8	+1·0	36·0	59	+11	1·1	0·05	0·01	0	-0·3	0·05
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·850	-·048	Calm	0	51·8	48·6	74·2	-2·8	86·2	48·3	+2·5	41·2	78	+10	3·2	3·20	+2·92	4	+3·5	1·50
Dera Ismail Khan ...	29·417	-·005	N 3 E	0·7	57·1	53·6	78·4	-3·5	92·0	50·1	+1·7	40·3	79	+13	3·0	0·56	+0·40	2	+1·6	0·32
BALUCHISTAN																				
Fort Sandeman ...	25·482	+·004	Calm	0·5	45·6	(h) 39·5	77·1	-0·2	82·9	42·5	+3·2	34·2	(h) 48	0	3·6	0·97	+0·72	1	+0·4	0·80
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·51	+0·06	1	+0·1	0·38
Quetta ...	24·772	+·043	S 49 W	1·7	38·0	(r) 37·9	64·4	-1·0	71·5	35·4	+3·0	24·0	(r) 60	...	4·4	1·18	+0·86	2	+1·1	0·82
Chaman ...	25·738	-·053	S 60 E	3·7	49·4	(c) 40·5	69·0	+1·5	81·5	47·0	+4·8	35·3	(c) 44	-1	4·3	0·50	+0·19	2	+1·1	0·31
Kalat ...	23·781	-·023	S 3 W	2·3	33·8	...	62·7	-2·7	72·4	30·7	+3·1	20·7	(t) 70	...	2·1	0·79	+0·16	3	+2·0	0·45
Dalbandin ...	27·187	-·043	N 69 E	2·3	47·6	(g) 41·9	78·6	+2·5	90·8	...	...	...	(g) 47	0	1·8	0·05	-0·07	0	-0·3	0·03
Mirjawa ...	27·244	...	N 46 W	4·9	49·1	(g) 42·7	77·1	...	87·6	46·1	...	31·4	(g) 49	...	2·4	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (g) Mean of 25 days. (h) Mean of 24 days.
(r) Mean of 15 days. (r) Mean 14 days. (t) Mean of 12 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·817	+·002	S 80 E	0·5	64·8	55·9	88·2	+0·8	101·3	55·1	+3·1	41·3	54	− 3	2·1	0·04	−0·03	0	−0·1	0·04
Hyderabad ...	29·862	+·016	S 51 W	2·1	69·5	62·0	88·7	+0·1	100·2	62·3	+3·2	53·4	63	+10	2·7	0·59	+0·53	1	+0·9	0·59
Karachi ...	29·8[illegible]	+·009	N 15 E	5·7	70·9	66·9	82·1	−2·9	86·2	67·5	+1·0	60·0	75	+14	3·9	0·67	+0·63	1	+0·9	0·67
RAJPUTANA, WEST																				
Bikaner ...	29·286	·002	S 6 E	1·2	66·1	55·1	85·6	+0·2	95·2	(i) 61·1	+2·6	50·7	47	0	2·5	0	−0·01	0	−0·1	0
Jodhpur ...	29·249	·001	N 15 E	1·1	66·1	56·5	88·0	−0·3	95·7	69·1	+1·5	51·8	52	+15	3·0	0·29	+0·18	1	+0·8	0·29
RAJPUTANA, EAST																				
Jaipur ...	28·567	+·012	N 17 E	1·1	67·5	57·7	85·6	+0·9	91·5	57·8	+2·1	48·5	51	+ 1	1·9	0·55	+0·11	2	+1·7	0·43
Ajmer ...	28·387	+·011	N 26 W	1·9	65·3	56·9	81·6	+0·8	90·6	54·5	+1·8	44·2	58	− 5	2·7	0·25	+0·07	2	+1·6	0·14
Kotah ...	29·144	−·004	N 52 E	1·1	69·1	60·1	86·7	+0·5	93·6	69·1	+0·2	51·6	59	+11	1·6	0·30	+0·19	1	+0·5	0·30
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·36	+0·39	2	+1·8	0·18
GUJARAT																				
Deesa ...	29·556	·029	N 80 E	5·0	71·5	62·7	93·1	0·8	98·0	59·0	+1·1	50·1	49	− 7	2·0	0·84	+0·74	1	+0·8	0·75
Bhuj ...	29·633	·005	N 78 W	2·5	73·7	63·1	89·1	−0·5	94·1	(c) 62·2	−0·1	53·3	54	− 2	1·2	0·58	+0·50	1	+0·9	0·58
Dwarka ...	29·945	+·005	N 21 E	3·9	76·5	69·5	83·9	+2·8	90·0	69·8	+1·2	60·2	69	+ 1	2·3	0·75	+0·72	1	+0·9	0·75
Rajkot ...	29·[illegible]	+·004	N 33 E	3·1	73·6	61·5	92·1	+1·2	97·1	64·1	+4·1	51·5	59	+10	2·5	0	−0·23	0	−0·3	0
Veraval ...	29·952	+·023	N 29 E	1·6	76·0	67·8	87·3	1·1	95·6	74·5	+2·7	62·9	63	+ 9	1·3	0·01	−0·18	0	−0·1	0·01
Surat ...	29·955	+·017	N 77 E	2·0	76·9	67·1	91·9	+0·3	95·9	67·8	+3·6	62·6	61	+ 1	2·1	0·63	+0·44	1	+0·7	0·58
Bhavnagar ...	29·926	+·012	N 11 W	1·8	73·7	61·2	91·9	+0·8	95·2	65·1	+2·1	56·5	57	+ 3	2·3	0·10	+0·25	2	+1·8	0·25
Ahmadabad ...	29·859	·016	N 75 E	5·9	73·2	63·9	91·3	1·6	96·5	65·0	−0·5	57·2	58	+13	1·0	1·36	+1·21	3	+2·6	0·62
CENTRAL INDIA, WEST																				
Neemuch ...	28·553	·003	N 86 E	(e) 2·7	69·0	59·0	84·8	+0·1	92·1	56·5	+1·5	47·0	53	− 5	1·4	0·04	−0·17	0	−0·3	0·02
Indore ...	28·115	+·001	S 40 E	1·6	71·5	59·7	84·9	1·0	88·9	55·9	+1·0	45·9	48	− 8	1·4	0·17	−0·21	1	+0·3	0·15
CENTRAL INDIA, EAST																				
Nowgong ...	27·261	·039	Calm	0·3	60·5	58·1	87·6	−5·5	93·2	51·3	+1·3	43·7	58	+18	1·0	0	−0·38	0	−0·7	0
Sutna ...	28·319	·011	S 43 W	0·9	70·6	58·7	86·3	−5·9	91·3	58·6	+4·2	48·8	45	−20	1·3	0	−0·34	0	−0·7	0
BERAR																				
Akola ...	29·019	0	N 82 E	2·1	71·3	61·5	90·4	−2·3	92·7	61·6	+3·6	51·5	56	+ 1	2·5	0	−0·48	0	−0·8	0
Amraoti ...	28·769	+·024	N 61 E	3·7	74·4	62·5	87·8	+1·0	91·8	63·2	+0·8	52·1	48	− 1	1·4	0	−0·55	0	−1·0	0
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·912	·023	S 51 E	2·3	70·8	62·8	91·0	+3·3	95·1	57·5	+0·9	46·8	63	+ 7	0·7	0·09	−0·44	0	−0·9	0·09
Hoshangabad ...	29·009	+·024	N 62 E	1·7	69·6	60·3	88·1	+1·0	92·1	58·4	+1·3	46·6	55	− 9	1·0	0	−0·62	0	−0·7	0
Saugor ...	28·165	+·006	S 42 E	2·3	72·0	57·6	83·8	+1·5	91·0	60·7	+2·6	52·4	38	−10	1·4	0	−0·46	0	−0·7	0
Jubbulpore ...	28·645	+·010	S 20 E	0·3	64·6	58·3	84·9	+2·9	89·8	54·4	+1·2	43·9	67	− 4	0·9	0	−0·57	0	−0·9	0
Seoni ...	27·918	+·015	N 31 E	1·5	69·2	59·4	82·7	+1·2	85·6	56·4	+0·9	45·9	54	− 5	1·2	0	−0·59	0	−0·9	0
Nagpur ...	28·984	+·039	N 55 E	3·0	69·1	59·6	87·6	+2·0	93·0	59·5	−0·5	50·0	54	− 4	1·3	0	−0·71	0	−1·0	0
CENTRAL PROVINCES, EAST																				
Pendra ...	27·932	+·006	S 52 W	1·6	64·9	58·9	79·9	−0·6	81·0	55·0	−1·1	44·9	69	+10	1·7	0	−0·37	0	−0·9	0
Raipur ...	29·017	+·029	N 39 E	0·6	71·2	69·6	86·4	+2·9	91·4	59·9	−0·9	50·6	92	+26	1·0	0	−0·40	0	−0·9	0
Kanker ...	28·675	...	E	1·7	68·5	62·0	85·3	...	90·2	55·3	...	46·1	68	...	1·2	0	...	0	...	0
Chanda ...	29·345	+·016	N 63 E	0·6	71·3	65·5	86·7	+1·1	91·1	58·6	−0·4	48·2	73	+ 1	1·0	0	−0·68	0	−1·3	0
Jagdalpur ...	28·161	+·051	N 45 W	0·9	65·3	61·9	82·0	+0·1	88·5	56·2	−3·8	48·1	82	+ 1	2·8	0	−0·63	0	−1·3	0
KONKAN																				
Bombay ...	29·913	+·017	N 50 E	5·0	77·3	71·9	90·9	+1·7	95·1	73·8	+1·5	70·8	76	+ 2	1·4	0·09	−0·32	0	−0·7	0·07
Ratnagiri ...	29·714	+·012	S 77 E	5·0	79·6	68·1	91·3	+0·7	94·8	70·0	−0·6	67·6	53	− 5	0·1	0·23	−0·70	1	−0·3	0·23
Marmagao ...	29·862	+·012	N 56 E	0·3	...	...	...	...	...	...	...	...	...	...	3·9	0·06	−1·24	0	−2·2	0·06
Karwar ...	29·887	+·028	N 16 E	1·4	73·0	69·7	90·7	+3·2	94·9	70·3	+0·4	66·8	84	+ 1	1·6	0·14	−1·78	1	−1·8	0·14
BOMBAY DECCAN																				
Malegaon ...	28·541	+·019	S 66 W	2·0	70·1	62·2	88·3	+0·4	92·8	58·1	+0·7	52·3	63	+11	2·4	0·54	−0·07	1	0	0·48
Ahmadnagar ...	27·853	+·028	S 22 E	2·5	73·8	61·7	85·3	−0·4	88·0	57·2	−0·9	50·9	48	− 7	0·2	0	−0·63	0	−1·3	0
Poona ...	28·127	+·027	N 76 E	1·4	70·3	(d) 62·6	88·4	+1·6	92·3	59·3	−0·1	52·5	(d) 64	+ 1	1·6	0	−0·98	0	−1·7	0
Sholapur ...	28·394	+·028	S 47 E	5·3	75·6	64·0	88·8	+2·5	92·3	63·1	+0·3	55·0	51	− 2	1·2	0	−1·05	0	−1·5	0
Bijapur ...	28·051	+·017	S 68 E	1·8	73·3	63·8	86·1	+0·1	90·4	62·7	+0·5	55·2	58	− 7	2·0	0	−1·14	0	−1·8	0
Belgaum ...	27·403	+·031	N 70 E	2·5	70·3	62·2	84·7	+2·2	87·8	63·1	+1·6	58·7	62	− 3	2·6	0	−1·71	0	−2·4	0
HYDERABAD, NORTH																				
Aurangabad ...	28·072	+·001	E	4·7	72·5	60·8	86·4	−0·4	89·9	61·8	+1·8	56·2	49	0	2·3	0	−0·58	0	−0·9	0
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·48	0	−1·3	0
Nizamabad ...	28·702	+·026	N 45 W	1·1	71·9	65·0	87·7	+2·0	92·1	61·5	+1·1	53·5	67	0	0·9	0	−0·59	0	−1·0	0

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (e) Mean of 27 days. (i) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·403	+·037	N 82 E	5·3	74·6	64·8	86·2	-1·4	92·2	63·8	+0·4	57·0	57	6	1·9	0	-1·00	0	-1·6	0
Raichur ...	28·646	+·033	S 85 E	3·3	76·2	67·8	88·2	+1·4	92·6	67·1	0·6	62·2	61	-1	1·3	0	-2·95	0	-1·8	0
Hyderabad ...	28·278	+·040	S 68 E	2·5	71·8	65·7	86·7	+2·2	91·5	61·0	+0·8	59·2	72	1	2·4	0	-1·15	0	-2·2	0
Hanamkonda ...	29·097	+·032	S 74 E	2·8	73·5	67·4	86·7	+0·6	92·7	65·1	0·4	58·2	71	7	3·2	0	0·91	0	1·5	0
MYSORE																				
Chitaldrug ...	27·536	+·039	S 75 E	3·8	72·1	66·5	81·6	+1·8	88·6	66·0	+1·1	62·7	74	3	1·3	0·16	-2·12	0	-3·6	0·08
Bangalore ...	26·963	+·040	N 68 E	5·1	69·9	65·5	81·5	+1·7	85·3	63·3	+1·1	59·1	80	1	7·0	1·04	-1·93	3	1·7	0·42
Mysore ...	27·129	+·030	N 64 E	5·5	71·3	67·1	83·3	+0·9	86·3	66·2	+1·8	63·9	83	2	1·5	1·61	-0·91	2	-1·7	1·12
MALABAR																				
Mangalore ...	29·839	+·018	N 84 E	3·1	80·8	74·0	89·8	-2·2	93·1	74·5	+1·1	71·6	71	-6	4·7	0·53	-2·59	2	-2·7	0·23
Calicut ...	29·867	+·009	E	2·4	80·6	75·5	90·5	-3·9	92·1	74·9	+1·1	72·8	78	6	7·3	5·67	+0·29	7	+0·7	1·45
Cochin ...	29·894	+·017	N 61 E	2·7	80·6	75·7	85·7	-1·9	87·8	75·9	1·1	73·3	79	-2	6·4	5·76	-0·78	9	+0·3	1·73
Trivandrum ...	29·878	-·004	N 30 W	2·1	77·9	75·4	82·1	0·1	85·9	75·3	+1·2	73·1	89	1	7·2	8·70	-2·11	11	1·5	2·82
MADRAS, SOUTHEAST																				
Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7·52	+0·71	10	0·2	1·85
Pamban ...	29·852	+·021	N 2 E	9·8	79·1	76·3	85·1	-1·7	86·8	76·1	+0·1	72·9	88	-3	6·0	20·57	+8·57	18	+5·0	3·40
Madura ...	29·451	+·023	N 33 E	3·2	78·8	73·6	87·1	0	93·0	71·3	+1·6	71·0	77	-1	7·3	7·21	+2·29	8	+0·1	1·75
Negapatam ...	29·896	+·040	N 16 W	8·1	78·0	75·1	82·3	-1·2	87·9	75·9	+1·6	72·8	88	-1	8·1	20·67	+12·95	17	+4·1	4·22
Trichinopoly ...	29·680	+·034	N 17 E	3·3	79·6	73·6	86·5	0·7	92·2	73·1	+1·3	70·9	77	3	6·1	4·37	-1·20	7	-1·5	1·22
Coimbatore ...	28·579	+·021	N 45 E	2·1	75·6	71·8	85·3	0·5	90·7	70·5	+1·6	67·2	83	0	4·7	2·63	-1·06	6	-1·0	1·26
Salem ...	29·021	+·040	N 18 E	1·7	77·6	71·0	87·5	0·3	92·3	71·3	2·3	66·2	71	8	4·1	0·93	-2·81	4	-2·2	0·33
Cuddalore ...	29·907	+·047	N 8 W	4·9	77·1	74·2	83·6	-1·2	88·5	74·0	+1·5	72·2	87	0	7·7	20·05	+1·97	15	+3·7	4·51
Madras ...	29·917	+·030	N 12 E	8·3	79·6	74·7	86·0	+0·8	89·2	74·0	+1·5	68·5	79	-5	5·7	6·64	-7·61	6	-5·5	2·53
MADRAS, DECCAN																				
Cuddapah ...	29·539	+·038	S 72 E	...	77·1	71·5	87·6	0·8	91·8	70·2	+0·1	66·4	75	-1	3·1	0·30	-2·26	1	-1·5	0·27
Bellary ...	28·475	+·032	S 72 E	2·3	71·6	67·4	87·6	+0·1	92·0	66·7	+0·5	63·1	68	-1	2·6	0·02	-2·17	0	-2·3	0·02
Kurnool ...	29·033	+·035	N 63 E	2·7	74·1	67·5	88·6	+0·1	93·8	65·6	-1·2	61·3	69	-1	2·7	0·61	-0·51	1	-1·2	0·61
MADRAS COAST NORTH																				
Nellore ...	29·993	+·051	N 37 W	2·8	77·6	72·7	87·1	+1·7	91·8	73·0	+1·2	65·6	82	-2	5·2	0·94	-10·39	2	-6·6	0·78
Masulipatam ...	29·965	+·036	N	3·9	77·0	71·5	85·2	-0·1	88·6	71·1	0·1	65·8	75	-6	3·7	0	-5·67	0	-4·5	0
Cocanada ...	29·955	+·045	N 20 E	5·2	77·0	70·3	84·6	+1·5	89·6	71·9	+0·7	65·9	70	-6	4·3	0·00	-5·33	0	-4·6	0·00
Vizagapatam ...	29·945	+·042	N 46 W	4·5	78·0	71·8	84·8	+0·5	88·0	72·3	-0·1	69·0	75	+8	3·7	0	-3·75	0	-4·0	0
Calingapatam ...	29·977	+·053	N 31 W	4·0	73·3	70·2	83·7	+0·2	88·1	68·8	-1·2	60·0	85	+2	3·1	0·21	-3·46	1	-1·9	0·21
Gopalpur ...	29·912	+·036	N	5·8	72·3	68·2	86·0	+2·3	90·8	66·6	-0·7	58·1	81	+2	2·7	1·60	-2·42	2	-1·0	1·37
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN																				
Maymyo ...	26·185	+·022	S 06 W	1·1	58·0	57·1	71·0	-0·7	77·7	50·0	-2·9	40·6	95	+4	3·5	1·82	-1·65	3	-2·9	1·31
Shillong ...	25·185	+·003	S 39 E	1·2	54·1	51·6	61·4	-2·2	68·7	43·7	-2·8	36·8	83	+10	0·9	0·82	-0·76	1	+1·7	0·23
Cherrapunji ...	(c) 25·758	+·027	N 69 E	3·0	60·9	53·5	66·1	-1·5	69·8	52·1	-1·9	45·5	62	-7	2·4	0·63	-2·60	3	+1·5	0·28
Darjiling ...	22·956	+·061	N 54 E	1·2	46·4	43·8	52·4	-2·2	57·2	42·7	-0·1	37·3	83	-5	5·2	0·77	-0·61	3	+1·9	0·31
Mukteswar ...	22·904	+·023	S 82 W	5·9	47·9	(c) 40·2	57·9	-1·7	64·0	43·9	+1·3	35·1	(c) 52	+5	3·1	0·58	+0·23	2	+1·3	0·35
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·59	+1·11	2	+1·0	1·20
Chakrata ...	23·457	+·053	N 79 E	6·4	50·8	42·1	59·4	-1·4	65·4	43·5	-0·3	31·1	50	-1	4·3	2·32	+1·74	3	+2·1	1·15
Simla ...	23·154	+·008	S 56 E	(h) 2·0	49·5	(c) 38·8	57·9	+1·0	62·3	41·1	-0·6	34·8	(c) 35	-6	3·6	1·25	+0·73	4	+2·9	0·59
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·19	...	3	...	0·65
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·65	...	4	...	2·10
Murree ...	24·023	-·011	S 45 E	4·1	51·3	41·3	57·1	-2·9	68·0	46·4	+0·8	26·2	41	+5	3·8	3·45	+2·68	7	+5·8	1·25
Cherat ...	(c) 25·821	+·029	N 18 W	6·4	55·0	(d) 46·1	62·8	-2·1	74·1	...	...	...	(d) 55	+14	3·3	4·52	+4·29	3	+2·4	2·50
Parachinar ...	24·522	+·011	N 45 E	1·8	48·7	(c) 41·4	64·1	-0·7	75·8	38·4	-1·2	31·5	(c) 55	+9	3·0	1·47	+0·96	2	+0·4	1·17
Drosh ...	...	...	E	0·9	46·8	41·5	63·7	-0·9	75·2	44·2	+0·5	31·5	64	+15	3·5	1·66	+1·30	5	+3·7	0·55
Mount Abu ...	26·118	+·004	N 79 E	2·2	65·6	55·3	73·6	0	77·0	57·5	-0·6	51·6	51	+11	2·8	1·27	+1·08	3	+2·7	0·47
Pachmarhi ...	26·595	+·030	S 40 E	1·5	66·8	57·4	76·5	+2·3	80·1	50·8	-0·2	40·3	55	-2	3·2	0·06	-0·67	0	-1·1	0·04
Mercara ...	26·224	+·034	N 67 E	4·5	65·4	63·2	75·8	+0·3	79·1	61·0	+0·9	57·0	88	+3	5·6	1·13	-2·02	2	-3·5	0·79
Kodaikanal ...	22·819	+·038	N 72 E	6·2	55·1	54·0	60·7	-0·5	66·9	51·0	+1·6	47·5	92	+9	8·4	12·04	+3·87	18	+6·0	2·76
Coonoor ...	24·492	...	S 40 E	2·8	61·7	58·1	66·4	...	70·1	(g) 53·9	...	50·6	82	...	7·1	20·96	...	15	...	3·24
CEYLON																				
Colombo ...	29·867	+·011	N 69 E	2·2	74·9	73·6	85·8	-0·6	88·1	74·0	+0·1	71·0	94	+8	6·5	15·89	+3·54	20	+6·8	2·70

(a) Reports only rainfall. (c) Mean of 29 days. (d) Mean of 28 days. (h) Mean of 24 days. (g) Mean of 15 days.

MONTHLY WEATHER REPORT

FOR

December 1928

Supplement to the Indian Daily Weather Report for the 17th January 1929

Published by order of the Governor-General in Council

Summary.—Four western disturbances affected weather in northern India during the month, but their activity was more or less confined to the extreme north and along and near the western Himalayas, except in the case of the first which produced abundant rainfall in the central parts of the country. The northeast monsoon was generally weak in the south of the Peninsula till the end of the third week, when its activity was stimulated by a Bay storm which disappeared off the Coromandel coast on the 25th.

Rainfall associated with the western disturbance at the end of the previous month continued to be widespread from the frontier to the west United Provinces and extended in the central parts of the country during the first three days. The first fresh western disturbance of the month caused local rain or snow in Baluchistan and the extreme north between the 4th and 6th, and extensive rain over the region from the north Bombay Deccan to the east United Provinces between the 5th and 7th with a few falls in Chota Nagpur on the 8th and in Assam on the next day. Numerous thunderstorms accompanied in some cases with hail occurred in Central India and the west Central Provinces during this period and are reported to have caused slight damage to standing crops. Some noteworthy falls were: Hoshangabad 4″ in 24 hours and Saugor and Indore 3″ each in 48 hours ending at 8 a.m. on the 7th.

The second western disturbance was feeble and gave only light rain or snow along the frontier and the western Himalayas between the 11th and 14th. The third disturbance from the west affected the frontier on the 26th, intensified into a well-marked depression over the Punjab on the 28th and filled up there the next day. The last western disturbance of the month, which quickly followed its predecessor, caused light snow in north Baluchistan on the 29th and rapidly moving eastwards appeared as a low pressure area over the east Central Provinces on the 31st, where it disappeared the same night. Associated with these two disturbances, extensive rain or snow fell along and near the western Himalayas between the 27th and 30th and local rain in the east United Provinces, Bihar and Chota Nagpur on the last two days of the month. Scattered duststorms occurred in northwest India on the 28th and 29th.

The northeast monsoon was intermittently active in the south of the Peninsula till the 8th and rainfall occasionally extended into the Deccan during this period. A prolonged spell of dry weather then set in over the Peninsula and continued till the 23rd. A strengthening of the northeast monsoon occurred in the south Bay of Bengal about the middle of the third week, and a depression formed between Ceylon and the Andamans on the night of the 21st. It rapidly developed into a storm and was centred on the 23rd morning near Lat. 11°N. and Long. 87° E. The storm moved towards the Coromandel coast, but began to dissipate on the morning of the 25th finally disappearing off that coast in the course of the day. It stimulated the activity of the northeast monsoon in the extreme south of the Peninsula and widespread rain with locally heavy falls occurred in that area between the 24th and 29th; Cuddalore recorded 3″ on the 27th and 2″ on the 24th, Madras 2″ on the 24th, Trichinopoly 2″ on the 25th, Pamban 2″ on the 26th and 27th and Coonoor 2′ on the 28th.

The total rainfall of the month was in very large excess in Chota Nagpur, the United Provinces, the Punjab East and North, the North-West Frontier Province, Hyderabad South, Berar, the Central Provinces West and Central India, the excesses in the last two sub-divisions being as much as six and five times the normal respectively. It was also in large excess in Malabar and in slight excess in Kashmir and Rajputana East. The month's rainfall was nearly normal in Baluchistan, the Bombay Deccan and Madras Southeast, in slight to moderate defect in Assam, Bihar, the Punjab Southwest, the Central Provinces East, Hyderabad North and the Madras Deccan and in large defect elsewhere. The average rainfall over the plains of India during the month was in excess by 29 per cent.

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Maximum temperature was markedly low in northwest India and the west United Provinces till the 8th and in Central India and the Central Provinces West between the 3rd and 9th. Minimum temperature was considerably above normal over most of the Peninsula and in the central parts of the country, the United Provinces and the adjoining parts of northeast India during the first week and remained so in the north of the Peninsula and the central parts of the country during the next three or four days. High minimum temperature prevailed in Baluchistan between the 9th and 12th and in the rest of northwest India and Central India East between the 13th and 17th; during the latter period, day temperature was high in Central India East and low in Baluchistan. Maximum temperature, on the other hand, was higher than usual by 6° or 7° in Baluchistan and the minimum similarly below normal in Kashmir and Rajputana East between the 19th and 25th, while both maximum and minimum temperatures were appreciably below normal in the central parts of the country and the north Deccan between the 19th and 23rd. During the last four days, temperatures were markedly low in northwest India and high in the central parts of the country. The month's mean maximum temperature was above normal in Lower Burma and Bihar and lower than usual in the whole of northwest India excluding Sind, Central India West and the Madras Deccan; the mean minimum temperature was higher than usual in the Bay Islands, the United Provinces East, the North-West Frontier Province, Central India East, Berar, the Central Provinces West, Hyderabad North, Mysore and the Madras Deccan.

Summary of the Local Conditions

Burma, including the Bay Islands.—Rainfall was in large defect. Cloud proportion and humidity were less than usual in the Bay Islands. Maximum temperature was above normal in Lower Burma and the minimum in the Bay Islands.

Northeast India, including Orissa.—Rainfall was in large excess in Chota Nagpur, in large defect in Bengal and Orissa and in moderate defect in Assam and Bihar. Skies were more clouded than usual in Assam, Chota Nagpur and Bihar. Humidity was in excess in Chota Nagpur. Maximum temperature was above normal in Bihar.

The United Provinces, Central India and the Central Provinces.—Rainfall was in large excess in all the sub-divisions except in the Central Provinces East, where it was in moderate defect. Cloud proportion was above normal throughout the division. Humidity was in excess except in the United Provinces East. Maximum temperature was lower than usual in Central India West, and the minimum higher in the United Provinces East, Central India East, Berar and the Central Provinces West.

Northwest India.—Rainfall was in large excess in the Punjab East and North and the North-West Frontier Province and in slight excess in Kashmir and Rajputana East; it was nearly normal in Baluchistan, in slight defect in the Punjab Southwest and in large defect in Sind, weather being wholly dry in Gujarat and Rajputana West. Cloudiness was more than usual in the Punjab Southwest and Rajputana East. Humidity was in excess in the Punjab, the North-West Frontier Province and Rajputana and in defect in Sind. Maximum temperature was 2° to 4° below normal except in Sind; the minimum was higher than usual in the North-West Frontier Province.

The Peninsula.—Rainfall was nearly normal in the Bombay Deccan and Madras Southeast and in slight defect in the Madras Deccan; it was in large excess in Hyderabad South and Malabar and in moderate to large defect elsewhere. Skies were more clouded than usual except in the Konkan, the Bombay Deccan and Madras Southeast. Humidity was in excess in Hyderabad and Mysore. Maximum temperature was below normal in the Madras Deccan; the minimum, on the other hand, was higher than usual in Hyderabad North, Mysore and the Madras Deccan.

Table I contains the data of rainfall, temperature, humidity and cloud for the 15 chief political divisions, and Table II similar data for the 33 sub-divisions. Table III contains the monthly means of the 8 hrs. observations published in the Indian Daily Weather Reports; the divisional means, Tables I and II, are based on these observations.

POONA:
The 8th January 1929.

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

Division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
Burma ...	0·02	0·66	−0·64	− 97	+2·2	+0·4	− 3	+0·3
Assam ...	0·21	0·29	−0·08	− 28	+1·4	0	− 3	+1·0
Bengal ...	0	0·24	−0·24	−100	+1·9	+1·1	0	+0·3
Bihar and Orissa ...	0·16	0·20	−0·04	− 20	+1·6	+1·5	+ 1	+0·9
United Provinces ...	0·79	0·32	+0·47	+147	−0·3	+1·9	+ 6	+1·2
Punjab ...	0·97	0·49	+0·48	+ 98	−3·1	+1·2	+11	+0·5
North-West Frontier Province.	1·43	0·39	+1·04	+267	−4·1	+2·1	+ 7	0
Sind ..	0·01	0·11	−0·10	− 91	−1·7	−0·5	− 6	+0·1
Rajputana ...	0·17	0·19	−0·02	− 11	−2·7	−0·8	+ 6	+0·7
Bombay ...	0·10	0·15	−0·05	− 33	−1·2	+0·4	+ 1	+0·1
Central India ...	1·64	0·29	+1·35	+465	−1·3	+2·5	+10	+0·9
Central Provinces ...	1·88	0·38	+1·50	+395	−0·8	+2·0	+10	+0·9
Hyderabad ...	0·38	0·29	+0·09	+ 31	−0·4	+1·9	+ 6	+0·6
Mysore ...	0·12	0·40	−0·28	− 70	0	+2·1	+ 5	+1·5
Madras ...	2·55	2·59	−0·04	− 2	−0·2	+1·6	0	+1·2
Mean of India ...	0·72	0·56	+0·16	+ 29	−0·3	+1·0	+ 3	+0·7

TABLE II, DECEMBER 1928

Sub-division.	Rainfall.				Departure from normal of			
	Actual.	Normal.	Departure from normal.	Percentage departure from normal.	Maximum temperature.	Minimum temperature.	Relative humidity.	Cloud.
	"	"	"		°	°	%	
1. Bay Islands ...	0·53	6·91	− 6·38	− 92	+0·3	+2·4	− 7	−1·0
2. Lower Burma ...	0·03	0·77	− 0·74	− 96	+2·4	+0·8	− 3	+0·5
3. Upper Burma ...	0	0·51	− 0·51	−100	+1·8	−0·2	− 2	+0·1
4. Assam ...	0·21	0·29	− 0·08	− 28	+1·4	0	− 3	+1·0
5. Bengal ...	0	0·24	− 0·24	−100	+1·9	+1·1	0	+0·3
6. Orissa ...	0·07	0·33	− 0·26	− 79	+1·2	+1·2	0	+0·2
7. Chota Nagpur ...	0·45	0·19	+ 0·26	+137	+0·3	+1·1	+ 5	+1·2
8. Bihar ...	0·06	0·11	− 0·05	− 45	+2·3	+1·8	0	+1·3
9. United Provinces, East ...	0·62	0·22	+ 0·10	+182	+0·9	+2·3	+ 4	+1·3
10. Do. do. West ...	0·94	0·41	+ 0·53	+129	−1·7	+1·4	+ 8	+1·2
11. Punjab, East and North ...	1·38	0·58	+ 0·80	+138	−3·3	+1·3	+12	+0·3
12. Do. Southwest ...	0·26	0·33	− 0·07	− 21	−2·7	+0·9	+ 9	+0·9
13. Kashmir ...	1·92	1·57	+ 0·35	+ 22	−3·1	−1·1		+0·6
14. North-West Frontier Province ...	1·43	0·39	+ 1·04	+267	−4·1	+2·1	+ 7	0
15. Baluchistan ...	0·70	0·68	+ 0·02	+ 3	−2·4	+0·7	+ 2	−0·2
16. Sind ...	0·01	0·11	− 0·10	− 91	−1·7	−0·5	− 6	+0·1
17. Rajputana, West ...	0	0·15	− 0·15	−100	−2·1	−0·2	+ 5	+0·4
18. Do. East ...	0·26	0·21	+ 0·05	+ 24	−3·0	−1·0	+ 7	+1·0
19. Gujarat ...	0	0·05	− 0·05	−100	−2·2	−0·8	+ 1	−0·2
20. Central India, West ...	1·83	0·19	+ 1·64	+863	−3·7	+0·3	+ 7	+0·9
21. Do. do. East ...	1·45	0·39	+ 1·06	+272	+1·1	+1·6	+13	+1·0
22. Berar ...	2·03	0·55	+ 1·48	+269	−1·1	+3·4	+11	+0·9
23. Central Provinces, West ...	2·97	0·42	+ 2·55	+607	−1·7	+2·1	+11	+1·2
24. Do. do. East ...	0·17	0·24	− 0·07	− 29	+0·6	+1·1	+ 7	+0·6
25. Konkan ...	0·01	0·15	− 0·14	− 93	+0·7	+1·6	− 3	+0·1
26. Bombay Deccan ...	0·29	0·30	− 0·01	− 3	−1·0	+1·4	+ 4	+0·3
27. Hyderabad, North ...	0·29	0·44	− 0·15	− 34	−0·9	+2·7	+ 7	+0·5
28. Do. South ...	0·45	0·18	+ 0·27	+150	−0·1	+1·5	+ 5	+0·6
29. Mysore ...	0·12	0·40	− 0·28	− 70	0	+2·1	+ 5	+1·5
30. Malabar ...	2·17	1·44	+ 0·73	+ 51	+0·5	+1·4	+ 1	+2·5
31. Madras, Southeast ...	4·99	4·72	+ 0·27	+ 6	−0·1	+1·5	− 1	+0·4
32. Do. Deccan ...	0·37	0·42	− 0·05	− 12	−2·0	+2·0	+ 2	+1·9
33. Do. Coast North ...	0·24	1·23	− 0·99	− 80	0	+1·8	0	+1·2

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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BAY ISLANDS																				
Port Blair ...	29·817	-·031	N 49 E	7·4	82·0	75·3	85·9	+0·3	87·4	78·9	+2·4	73·5	73	-7	4·0	0·53	-6·38	2	-5·7	0·40
LOWER BURMA																				
Victoria Point ...	29·729	-·030	N 63 E	5·4	78·5	73·8	85·7	+0·9	89·4	75·0	+1·5	71·8	79	+1	5·8	0·27	-2·47	2	-2·9	0·13
Mergui ...	29·830	-·023	...	...	75·1	71·1	88·1	+1·3	91·5	68·8	+1·0	62·0	81	+2	4·0	0	-0·69	0	-1·5	0
Tavoy ...	29·808	-·027	N 28 E	1·9	71·1	69·1	91·3	-3·6	93·8	64·4	+1·3	60·5	77	-6	2·5	0	-0·36	0	-0·7	0
Amherst ...	29·869	...	N 73 E	3·9	79·1	73·1	88·6	...	91·8	70·2	...	67·1	87	...	2·4	0	...	0	...	0
Rangoon ...	29·832	-·017	N 28 E	2·4	72·6	67·9	90·3	-3·8	91·0	68·6	+1·2	65·4	78	-4	4·3	0	-0·37	0	-0·6	0
Bassein ...	29·850	-·011	N 75 E	2·6	72·7	67·2	87·0	+2·5	88·8	65·5	+0·1	55·0	74	-11	3·0	0	-0·10	0	-0·7	0
Diamond Island ...	29·882	-·025	N 76 E	7·9	77·6	71·7	86·2	+1·5	87·3	75·0	+2·5	71·7	72	-2	3·3	0	-0·92	0	-1·0	0
Toungoo ...	29·735	-·029	...	...	68·7	65·1	86·6	-3·5	90·1	62·5	+1·1	55·4	82	-7	1·2	0	-0·45	0	-0·6	0
Kyaukpyu ...	29·923	-·024	N 47 E	1·3	79·1	79·5	82·6	+2·6	85·3	67·8	+1·1	60·2	93	+1	3·1	0	-0·69	0	-0·8	0
Akyab ...	29·948	-·015	N 30 E	5·6	68·7	65·9	83·0	+2·3	85·3	62·9	-0·2	55·9	86	-4	4·3	0	-0·76	0	-0·9	0
UPPER BURMA																				
Minbu ...	29·830	-·012	N 51 W	3·9	67·6	62·5	83·3	+0·9	86·7	61·3	+0·7	55·9	74	-4	1·7	0	-0·51	0	-0·7	0
Yametthin ...	29·336	+·001	...	...	67·7	62·4	85·6	-2·1	88·6	58·9	-0·5	50·7	81	-4	2·3	0	-0·50	0	-0·9	0
Mandalay ...	29·757	-·005	N 45 W	0·7	64·2	62·2	86·1	+2·6	88·8	54·7	+0·3	55·3	89	+4	2·6	0	-0·38	0	-0·8	0
Monywa ...	29·711	-·017	N 12 W	2·4	65·0	62·1	83·4	+2·2	87·6	59·0	-0·5	54·8	84	-3	3·4	0	-0·34	0	-0·8	0
Lashio (a) ...	27·181	-·018	E	0·9	52·5	52·3	74·4	+1·2	77·8	48·1	-0·5	41·3	93	-1	5·8	0	-0·86	0	-1·4	0
Bhamo ...	29·625	+·028	N 15 E	1·1	57·4	56·1	76·3	+0·8	80·7	50·2	-1·1	45·3	94	-1	7·8	0	-0·57	0	-1·0	0
Myitkyina ...	29·559	-·008	Calm	1·0	58·0	55·8	78·0	+2·0	80·6	52·0	+0·5	45·6	87	-3	2·6	0	-0·42	0	-1·4	0
ASSAM																				
Dibrugarh ...	29·703	+·003	S 63 E	0·3	55·8	54·3	75·3	+1·9	78·5	50·2	-0·8	45·1	89	-6	1·3	0·41	+0·02	1	-0·1	0·41
Sibsagar ...	29·724	-·006	S 27 W	0·3	53·6	53·3	74·2	+2·9	78·3	50·4	-0·9	45·4	98	0	9·8	0·83	+0·31	1	-0·5	0·76
Tezpur ...	29·806	-·013	N 61 E	0·2	57·9	55·8	76·2	+1·7	79·0	52·8	-0·7	48·6	97	-6	2·1	0	-0·23	0	-0·5	0
Gauhati ...	29·871	+·009	N 27 E	0·7	56·9	56·3	75·1	0·2	78·7	51·9	-0·1	51·2	97	+2	8·7	0	-0·15	0	-0·4	0
Dhubri ...	29·924	-·003	S 83 E	3·9	61·8	59·0	73·9	-0·4	78·1	56·5	+1·1	52·4	84	-5	1·3	0	-0·07	0	-0·1	0
Silchar ...	29·939	-·003	S 77 E	1·3	63·2	58·4	82·1	+2·5	86·2	55·2	+0·5	46·0	88	-1	5·7	0	-0·39	0	-0·7	0
BENGAL																				
Cox's Bazar ...	29·933	-·014	Calm	0·6	66·8	62·7	80·4	+1·0	85·9	61·9	+2·7	54·8	84	-3	1·8	0	-0·66	0	-0·6	0
Chittagong ...	29·935	-·015	N 19 E	(d) 2·7	63·7	69·4	81·7	+3·3	84·8	57·7	+0·5	52·5	82	-7	2·2	0	-0·70	0	-0·8	0
Narayanganj ...	29·987	-·007	N 23 W	1·0	62·9	60·4	81·1	+2·2	85·4	57·6	+0·1	53·6	86	0	1·8	0	-0·19	0	-0·5	0
Barisal ...	(b) 29·990	-·006	N 14 W	0·9	64·7	61·9	79·4	+1·8	82·7	58·0	+2·0	52·4	85	0	0·7	0	-0·30	0	-0·7	0
Jessore ...	30·002	0	N 34 W	0·9	62·6	60·1	80·1	+2·8	84·3	52·9	-1·6	46·4	86	+4	1·2	0	-0·20	0	-0·5	0
Calcutta ...	30·009	-·007	N 17 W	2·1	61·8	58·8	79·4	+2·4	84·3	58·5	+2·5	53·1	83	+2	1·8	0	-0·20	0	-0·4	0
Saugor Island ...	30·004	-·015	N 35 E	6·0	67·1	63·1	77·4	+0·7	82·1	59·0	+0·3	53·1	75	-8	2·9	0	-0·27	0	-0·5	0
Burdwan ...	29·937	-·006	N 41 W	1·7	60·7	56·8	80·7	+2·3	85·9	56·3	+0·5	50·4	78	+5	2·6	0	-0·15	0	-0·3	0
Berhampore ...	29·981	+·004	N 14 W	1·1	61·2	58·5	79·9	+3·5	86·6	54·8	-0·5	48·4	84	0	1·9	0	-0·12	0	-0·3	0
Mymensingh ...	29·962	-·003	N 63 E	0·5	60·1	58·7	79·3	+2·3	82·8	55·9	+0·5	51·0	91	+2	1·8	0	-0·07	0	-0·3	0
Bogra ...	29·965	+·006	N 9 E	0·3	61·5	59·5	77·1	+0·8	82·1	56·4	+2·1	52·2	89	+5	1·7	0	-0·05	0	-0·1	0
Dinajpur ...	29·908	-·002	N 22 E	0·9	60·3	58·2	76·3	-0·5	78·3	54·9	+3·6	49·0	87	+1	2·1	0	-0·06	0	-0·1	0
Jalpaiguri ...	29·748	-·014	Calm	0	57·6	56·1	77·9	+1·9	80·6	51·3	+1·5	49·3	91	+3	2·5	0	-0·11	0	-0·3	0
ORISSA																				
Balasore ...	29·976	-·002	N 7 E	1·9	65·9	60·1	80·1	+0·2	83·7	57·3	+2·0	51·4	69	-9	2·5	0	-0·21	0	-0·4	0
Hukitala (False Point)	29·996	-·007	N 45 W	3·9	...	...	...	...	...	...	...	...	...	...	0·4	0	-0·60	0	-0·7	0
Cuttack ...	29·913	-·009	N 63 W	0·4	62·1	60·0	83·3	+2·3	87·5	59·2	+0·5	53·1	88	+10	3·3	0	-0·28	0	-0·5	0
Sambalpur ...	29·555	+·001	N 11 E	1·2	64·3	59·7	80·7	+1·0	86·7	51·8	+1·1	46·2	75	0	2·8	0·28	+0·06	1	+0·7	0·26
CHOTA NAGPUR																				
Chaibassa ...	29·289	+·007	S 27 W	1·3	57·9	56·0	78·4	+0·4	84·2	(b) 52·2	+1·5	45·8	88	+5	2·9	0·07	-0·11	0	-0·4	0·07
Ranchi ...	27·841	+·012	N 41 W	1·4	58·9	53·5	73·4	+0·3	79·8	51·7	+0·8	45·4	69	+5	2·7	1·27	+1·09	1	+0·5	1·27
Hazaribagh (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	-0·21	0	-0·4	0

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (d) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
BIHAR																				
Purnea ...	29·927	0	S 72 W	0·7	58·9	56·8	78·4	+2·7	83·0	51·5	+2·0	44·8	88	−2	2·5	0	−0·13	0	−0·2	
Darbhanga ...	29·881	−·003	Calm	0·7	60·9	57·7	76·4	+1·5	80·6	52·0	−0·1	45·9	82	−4	2·7	0·07	−0·01	0	−0·9	0·0
Patna ...	29·867	−·001	S 76 W	1·2	59·2	55·3	77·8	+3·7	83·5	54·7	+2·9	49·8	77	+3	2·6	0·20	+0·11	1	+0·7	0·1
Gaya ...	29·674	−·005	S 3 W	0·5	61·6	55·9	78·4	+2·3	86·7	54·4	+3·1	48·4	68	−3	1·7	0·01	−0·12	0	−0·2	0·0
Naya Dumka ...	29·533	−·007	N 45 W	1·5	58·7	55·3	77·3	+1·3	82·1	52·4	+1·2	46·6	79	+7	1·9	0·03	−0·07	0	−0·2	0·0
UNITED PROVINCES, EAST																				
Gorakhpur ...	29·798	+·018	Calm	0·8	57·3	54·5	76·2	+2·1	81·5	50·0	+0·1	43·0	82	+1	1·3	0·37	+0·23	2	+1·7	0·2
Benares ...	29·759	−·004	S 58 W	2·8	56·4	53·6	75·6	+1·5	84·5	50·7	+3·1	47·5	83	+3	2·5	0·82	+0·61	2	+1·5	0·5
Allahabad ...	29·720	−·015	S 66 W	3·3	55·8	52·8	76·3	+0·6	83·6	51·1	+2·4	43·1	81	+6	1·2	1·53	+1·30	4	+3·5	0·8
Cawnpore ...	29·618	−·016	N 30 W	1·5	55·5	52·6	76·2	+0·7	82·6	49·8	+2·5	40·8	84	+5	2·2	0·25	+0·07	1	+0·4	0·1
Lucknow ...	29·656	−·022	N 34 W	0·7	54·4	52·9	76·2	+0·6	82·8	49·3	+2·8	40·3	84	+7	2·2	0·20	−0·08	1	+0·1	0·1
Bahraich ...	29·619	0	N 7 E	1·5	54·0	51·7	75·8	+1·0	81·2	45·5	+1·8	42·1	84	+3	2·0	0·53	+0·25	2	+1·4	0·2
UNITED PROVINCES, WEST																				
Jhansi ...	29·296	−·020	N 21 W	1·6	58·7	53·2	75·6	−2·5	85·1	49·7	−1·6	41·1	68	−8	2·3	0·50	+0·27	2	+1·3	0·2
Agra ...	29·179	−·019	N 73 W	3·5	52·6	49·6	71·8	+5·1	79·3	47·2	+2·8	39·2	79	−2	2·0	0·86	+0·59	3	+2·5	0·4
Mainpuri ...	29·524	+·001	N 35 W	1·6	53·3	50·6	71·0	−0·9	83·5	47·1	+0·5	39·9	82	+10	2·6	1·17	+0·83	3	+2·2	0·7
Bareilly ...	29·466	+·009	N 31 W	1·1	51·6	50·2	73·9	1·2	75·8	48·8	+2·9	40·4	80	+13	3·3	0·69	+0·36	2	+1·2	0·3
Meerut (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·69	+0·28	3	+1·9	0·3
Roorkee ...	29·112	−·001	Calm	2·0	49·0	47·9	70·1	−1·1	76·1	45·7	+2·6	36·8	92	+8	2·5	0·77	+0·23	3	+1·8	0·47
Dehra Dun (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·89	1·11	5	+3·6	0·7
PUNJAB, EAST AND NORTH																				
Delhi ...	29·395	−·019	N 85 W	2·2	53·3	49·6	68·8	−4·1	76·6	50·9	+2·0	42·5	73	+10	3·3	0·74	+0·34	2	+1·1	0·4
Hissar ...	29·287	−·023	S 30 W	3·1	47·1	44·9	70·5	−3·6	80·2	(c) 42·7	−0·1	38·4	83	+13	0·7	0·45	+0·16	1	+0·2	0·4
Ambala ...	29·121	−·002	N 24 W	2·1	49·4	47·9	69·9	−2·2	79·6	46·0	+2·9	37·0	90	+10	2·8	1·56	+0·99	3	+1·7	0·66
Ludhiana ...	29·216	−·005	N 54 W	2·0	47·9	46·8	68·5	−1·8	77·7	44·6	+0·2	38·0	92	+16	3·6	1·30	+0·65	4	+2·7	0·68
Lahore ...	29·333	−·003	E	0·8	46·8	45·2	67·3	−5·0	74·4	43·7	+2·6	39·0	90	+8	3·8	0·50	+0·23	2	+1·0	0·46
Sialkot ...	29·209	+·006	N 18 E	1·4	47·4	46·7	66·5	−2·8	75·4	42·2	0	35·3	94	+15	2·9	1·95	+1·29	3	+1·8	1·51
Rawalpindi ...	28·316	0	N 6 W	2·0	42·5	41·2	(b) 65·1	−3·7	71·5	39·0	+1·6	32·4	89	+11	3·3	3·16	+1·96	5	+3·0	1·15
PUNJAB, SOUTHWEST																				
Khushab ...	29·456	+·003	N	1·9	47·0	42·7	68·8	−2·9	79·4	42·5	+0·9	36·7	68	+8	3·9	0·38	−0·07	1	+0·2	0·28
Lyallpur ...	29·442	+·010	S 19 W	1·2	47·0	44·5	67·7	−2·3	71·8	42·6	+3·0	34·1	81	+1	5·1	0·04	−0·31	0	−0·7	0·04
Montgomery ...	29·491	−·006	N 31 E	1·9	48·9	46·5	68·8	−3·3	76·0	42·9	+0·3	36·1	82	+18	2·9	0·11	−0·19	0	−1·0	0·06
Multan ...	29·655	+·008	N 7 E	0·8	49·0	46·0	70·8	−2·5	77·2	41·7	−0·4	36·3	79	+10	2·7	0·50	+0·28	2	+1·4	0·28
Khanpur ...	29·782	...	N 15 W	0·3	48·8	44·6	74·5	...	82·9	32·3	...	30·1	69	...	2·6	0	...	0	...	0
KASHMIR																				
Srinagar ...	25·020	+·017	S 39 E	3·6	31·4	...	42·8	−4·6	50·0	28·7	+1·1	23·0	(e) 89	...	7·6	3·38	+1·94	7	+3·4	1·07
Sonamarg (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·68	+1·07	9	+1·7	1·66
Dras ...	20·819	+·009	Calm	0·1	0·2	...	18·0	−7·7	31·9	−7·6	−6·5	−27·7	...	...	5·1	2·50	+0·77	8	+2·2	0·66
Leh ...	19·668	−·018	Calm	0·4	13·8	...	34·3	−1·4	42·3	11·3	−1·6	4·0	...	...	6·0	0·12	−0·04	0	−0·5	0·05
Skardu ...	22·992	+·016	Calm	0·3	25·6	...	38·2	−2·1	43·9	22·7	+1·0	14·5	...	...	6·8	0·31	−0·08	1	−0·2	0·14
Gilgit ...	25·268	−·020	Calm	0·2	37·9	(k) 36·9	49·8	+0·3	54·2	34·2	+0·7	28·2	(k) 78	+18	6·3	0	−0·11	0	−0·3	0
NORTH-WEST FRONTIER PROVINCE																				
Peshawar ...	28·931	−·023	N 67 W	0	44·5	42·7	62·0	−4·6	67·8	42·3	+3·3	33·6	86	+14	3·7	2·81	+2·22	7	+5·7	1·03
Dera Ismail Khan ...	29·499	+·008	N 21 W	1·4	47·1	43·3	68·1	−3·6	75·2	41·5	+0·9	34·8	73	+1	2·7	0·06	−0·14	0	−0·6	0·06
BALUCHISTAN																				
Fort Sandeman ...	25·487	+·012	Calm	0·7	35·0	...	56·9	−3·9	67·7	32·4	+1·2	21·0	(e) 69	...	2·3	0·51	−0·02	1	−0·2	0·43
Harnai (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·83	+0·47	2	+0·9	0·61
Quetta ...	24·756	+·049	S 26 E	2·7	36·4	...	51·6	−3·3	61·7	29·4	−1·6	15·9	...	...	3·8	0·86	−0·06	3	+0·7	0·35
Chaman ...	25·759	−·028	S 60 E	3·8	38·9	(l) 37·6	55·5	+0·2	66·4	37·1	+2·2	20·2	(l) 61	−4	3·8	0·92	−0·29	3	−0·1	0·41
Kalat ...	23·747	−·024	S 45 W	2·0	25·6	...	50·7	−4·6	61·6	23·0	−0·2	11·7	...	...	2·1	0·32	−0·63	1	−1·1	0·16
Dalbandin ...	27·213	−·037	N 47 E	3·1	39·5	(g) 39·3	63·3	−0·5	73·1	35·1	+1·7	23·1	(g) 80	+8	1·1	0·77	+0·25	3	+1·4	0·34
Mirjawa ...	27·275	...	N 65 W	4·7	38·1	(h) 37·3	63·8	...	72·5	36·1	...	25·1	(i) 64	...	1·9	0	...	0	...	0
Panjgur ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Pasni ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 25 days. (k) Mean of 21 days. (l) Mean of 20 days. (e) 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIND																				
Jacobabad ...	29·925	+·029	E	0·5	50·5	(b) 44·1	75·3	−0·9	82·1	43·8	−0·4	32·7	(b) 55	− 9	1·9	0	−0·13	0	−0·4	0
Hyderabad ...	29·985	+·007	N 20 W	2·9	57·3	49·1	76·5	−2·1	83·9	(ac) 50·9	(ac) −2·4	46·8	52	− 5	2·1	0	−0·06	0	−0·2	0
Karachi ...	30·066	+·005	N 40 E	6·5	61·1	52·6	76·1	−2·1	81·7	58·7	−0·5	52·1	53	− 4	2·2	0·02	−0·12	0	−0·5	0·02
RAJPUTANA, WEST																				
Bikaner ...	29·277	+·007	S 61 E	3·3	51·3	45·1	73·0	−2·2	81·2	(ac) 44·3	(a) −3·9	39·4	57	+ 5	2·9	0	−0·18	0	−0·4	0
Jodhpur ...	29·253	+·002	N 41 E	2·1	55·1	46·9	77·5	−2·1	83·3	52·0	−0·2	40·9	48	+ 6	2·2	0	−0·12	0	−0·5	0
RAJPUTANA, EAST																				
Jaipur ...	28·603	+·007	N 69 E	1·5	54·6	49·3	73·2	−4·0	80·9	48·7	0	38·8	66	+10	2·5	0·64	+0·43	2	+1·4	0·40
Ajmer ...	28·422	+·036	N 19 E	1·8	52·7	47·9	73·3	−2·1	80·7	44·8	−1·6	34·4	68	− 2	2·7	0·40	+0·12	1	+0·5	0·37
Kotah ...	29·194	−·004	N 22 W	1·3	57·7	52·7	76·4	−2·7	86·6	51·3	−1·3	41·2	69	+13	2·8	0	−0·26	0	−0·6	0
Udaipur (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·08	0	−0·3	0
GUJARAT																				
Deesa ...	29·575	+·020	N 53 E	6·3	62·3	51·5	84·8	−1·0	91·0	50·3	−2·0	33·6	44	− 2	1·7	0	−0·04	0	−0·1	0
Bhuj ...	29·705	+·012	N	2·9	61·7	51·6	78·8	−3·0	86·4	(i) 50·0	−4·9	39·3	45	−12	0·6	0	−0·04	0	−0·1	0
Dwarka ...	29·963	−·004	N 16 E	8·4	66·6	59·3	79·9	−1·9	85·7	60·4	−0·7	53·8	63	− 3	1·3	0	−0·04	0	−0·2	0
Rajkot ...	29·565	−·006	N 17 E	5·8	61·2	52·3	83·1	−1·9	91·3	53·0	+0·2	43·1	52	+ 4	1·8	0	−0·04	0	−0·1	0
Veraval ...	29·990	+·008	N 32 E	5·1	67·3	58·0	83·0	−1·1	86·8	63·2	+0·9	56·6	53	+ 3	0·4	0	−0·08	0	−0·2	0
Surat ...	29·996	0	N 46 E	1·9	67·6	60·9	81·8	−2·9	90·3	60·8	+2·2	48·2	65	+ 4	1·5	0·03	−0·01	0	−0·1	0·03
Bhavnagar ...	29·960	−·007	N 39 W	3·0	63·4	55·1	83·4	−1·9	92·0	55·7	−0·2	45·3	57	+ 3	1·6	0	−0·07	0	−0·1	0
Ahmadabad ...	29·883	+·019	N 53 E	5·3	64·8	56·5	82·7	−3·7	89·6	57·7	−1·6	48·0	56	+10	0·8	0	−0·03	0	0	0
CENTRAL INDIA, WEST																				
Neemuch ...	28·277	−·017	N 61 E	3·7	57·9	50·9	75·9	−2·6	82·5	48·9	−0·2	40·2	60	+ 6	2·1	0·04	−0·13	0	−0·5	0·04
Indore ...	28·154	−·024	S 83 E	2·2	60·4	54·7	75·2	−4·7	84·8	50·6	+0·8	39·0	68	+ 9	2·6	3·62	+3·41	4	+3·5	1·77
CENTRAL INDIA, EAST																				
Nowgong ...	29·295	+·013	S 80 E	0·5	52·1	(c) 51·7	75·9	−0·9	85·2	48·8	+2·4	39·0	96	+22	2·2	1·58	+1·17	3	+2·4	1·22
Satna ...	28·977	−·002	S 8 W	1·5	59·1	51·1	76·4	+1·2	83·5	54·0	+6·8	45·8	72	+ 3	3·1	1·21	+0·95	2	+1·2	1·05
BERAR																				
Akola ...	29·058	−·026	S 85 E	1·3	63·5	57·7	83·8	−0·6	91·0	56·9	+4·6	44·5	68	+13	2·8	2·02	+1·42	3	+2·0	0·94
Amraoti ...	28·775	−·016	N 67 E	4·5	67·3	59·5	81·5	−1·6	88·8	59·7	+2·2	50·2	61	+10	2·7	2·05	+1·56	4	+3·3	0·84
CENTRAL PROVINCES, WEST																				
Khandwa ...	28·353	−·011	N 73 E	3·1	61·2	59·0	81·5	−3·1	90·2	53·0	+1·9	41·8	87	+29	2·2	3·29	+3·01	3	+2·6	1·87
Hoshangabad ...	29·021	−·003	N 69 E	2·2	60·2	55·6	77·6	−1·9	86·7	54·3	+2·7	41·5	71	+ 7	2·5	7·02	+6·59	4	+3·3	4·32
Saugor ...	28·179	−·020	S 88 E	3·1	59·3	53·0	73·4	−3·6	82·8	52·5	−0·1	47·0	65	+13	3·4	4·17	+3·73	6	+5·4	1·99
Jubbulpore ...	28·661	−·019	S 56 E	1·1	56·8	53·7	76·7	−0·3	84·7	51·0	+4·3	39·8	81	+ 7	2·7	1·61	+1·32	2	+1·4	1·35
Seoni ...	27·948	−·022	N 17 E	2·7	63·5	54·9	75·6	−2·1	82·8	52·5	+2·3	43·3	69	+ 7	3·0	1·38	+0·85	2	+1·1	1·05
Nagpur ...	28·097	+·004	N 55 E	2·9	63·6	56·4	81·5	0·2	88·1	55·6	+1·4	44·8	61	+ 1	2·9	0·35	−0·19	1	+0·1	0·23
CENTRAL PROVINCES, EAST																				
Pendra ...	27·918	−·012	N 24 W	2·2	57·6	53·9	74·5	−0·7	89·7	50·7	+0·9	42·2	78	+18	3·5	0·62	+0·35	2	+1·5	0·40
Raipur ...	29·032	−·007	N 59 E	0·8	63·3	57·6	81·0	+1·5	87·6	54·4	+0·3	45·1	69	+ 4	1·5	0	−0·24	0	−0·4	0
Kanker ...	28·637	...	N 73 E	1·5	63·4	57·5	81·3	...	88·3	51·1	...	38·4	69	...	2·7	0·06	...	0	...	0·03
Chanda ...	29·361	−·020	N 74 E	0·6	62·6	59·1	83·4	+0·7	89·5	53·7	+1·5	42·6	75	+ 2	1·1	0·04	−0·20	0	−0·7	0·04
Jagdalpur ...	28·163	−·005	Calm	0·9	59·1	56·9	80·2	+1·0	85·7	53·4	+1·8	41·3	86	+ 4	4·0	0	−0·20	0	−0·5	0
KONKAN																				
Bombay ...	29·926	−·016	N 48 E	6·4	72·7	66·5	86·9	+0·5	93·4	69·5	+1·0	61·4	70	− 2	0·8	0	−0·05	0	−0·1	0
Ratnagiri ...	29·722	−·025	S 78 E	6·0	76·6	65·3	88·6	−0·6	94·4	69·4	+1·9	63·4	52	− 2	0	0	−0·08	0	−0·2	0
Marmagao ...	29·862	−·031	N 69 E	0·7	...	...	...	...	...	...	..	...	...	...	3·9	0	−0·23	0	−0·4	0
Karwar ...	29·885	−·018	N 2 W	1·7	71·6	65·8	89·7	+2·2	94·5	68·4	+1·9	62·0	72	− 6	1·9	0·06	−0·17	0	−0·3	0·06
BOMBAY DECCAN																				
Malegaon ...	28·552	−·011	N 84 W	2·1	62·1	55·9	83·3	−1·6	89·8	53·3	+1·3	40·2	67	+13	3·0	0·32	+0·13	1	+0·7	0·21
Ahmadnagar ...	27·816	−·023	N 64 W	3·8	65·4	56·4	81·6	−1·8	87·2	54·8	+2·1	43·8	55	− 1	0·9	0·08	−0·33	0	−0·5	0·08
Poona ...	28·120	−·017	S 73 E	1·8	64·6	57·0	84·9	+0·2	89·6	55·0	+1·1	42·4	60	− 1	1·8	0	−0·16	0	−0·5	0
Sholapur ...	28·388	−·020	S 58 E	5·4	69·6	60·6	84·7	+0·6	89·2	59·6	+1·3	48·0	57	+ 7	1·9	0·14	−0·31	1	+0·4	0·14
Bijapur ...	28·020	−·003	S 74 E	2·1	67·8	60·6	81·7	−2·7	87·9	59·0	+1·2	46·2	64	− 1	2·9	0·51	+0·28	1	+0·5	0·45
Belgaum ...	27·387	−·019	N 80 E	2·8	65·4	58·7	81·3	−0·5	86·3	59·6	+1·2	52·7	66	+ 6	2·4	0·68	+0·31	1	+0·5	0·66
HYDERABAD, NORTH																				
Aurangabad ...	28·076	−·034	N 89 E	4·7	65·5	56·8	82·1	−1·7	87·6	56·7	+1·4	47·0	56	+ 7	3·5	0	−0·29	0	−0·6	0
Parbhani (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	−0·84	0	−1·0	0
Nizamabad ...	28·707	−·007	S	1·2	66·8	61·6	83·4	−0·1	90·5	58·0	+3·9	45·7	73	+ 7	1·2	0·88	+0·69	1	+0·6	0·88

(a) Reports only rainfall. (b) Mean of 30 days. (c) Mean of 29 days. (i) Mean of 28 days. (a) Mean of 11 days. (ac) Mean of 9 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. Minimum. Mean.	TEMPERATURE. Minimum. Departure from normal.	TEMPERATURE. Minimum. Lowest in month.	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.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
HYDERABAD, SOUTH																				
Gulbarga ...	28·167	−·013	N 71 E	2·9	68·7	60·8	(p) 85·4	−0·1	90·0	60·7	+2·2	50·4	62	+2	2·3	0·82	+0·66	1	+0·7	0·80
Raichur ...	28·650	−·011	N 80 E	3·8	70·6	65·8	84·2	−0·7	88·6	63·2	−0·5	53·8	77	+12	0·5	0·29	+0·05	1	+0·8	0·13
Hyderabad ...	28·257	−·008	S 60 E	2·7	66·9	61·7	82·9	+0·5	88·1	61·0	+2·7	52·2	73	−1	4·3	0·55	+0·26	2	+1·6	0·28
Hanamkonda (b) ...	29·111	−·006	N 43 E	(c) 2·9	69·2	63·2	83·2	+0·3	87·0	62·3	+1·1	51·5	74	−6	3·8	0·21	−0·31	1	+0·6	0·19
MYSORE																				
Chitaldrug ...	27·545	−·007	S 83 E	4·6	67·8	63·1	82·3	−0·2	87·5	63·2	+2·0	56·1	77	+11	5·3	0·14	−0·20	1	+0·1	0·14
Bangalore ...	26·949	−·010	N 62 E	6·0	66·2	62·1	79·2	+0·3	83·3	60·4	+1·0	54·1	79	0	6·3	0·07	−0·41	0	−1·5	0·03
Mysore ...	27·415	−0·8	N 62 E	6·2	67·7	63·5	81·2	+0·6	85·2	62·9	+2·5	57·2	79	+4	4·2	0·14	−0·25	1	+0·1	0·11
MALABAR																				
Mangalore ...	29·827	−·028	N 84 E	3·6	78·0	70·2	90·3	+1·4	95·1	71·5	+1·1	66·8	67	0	4·5	0·19	−0·31	1	+0·3	0·11
Calicut ...	29·860	−·031	E	2·7	77·2	71·6	90·1	+3·2	93·2	71·6	+0·5	63·1	75	−1	6·2	2·62	+1·53	4	+2·2	1·20
Cochin ...	29·879	−·024	N 67 E	2·9	79·1	73·8	86·3	−2·1	89·8	73·6	+1·0	71·6	77	+3	1·7	4·62	+2·88	5	+2·1	1·87
Trivandrum ...	29·661	−·040	N 12 E	2·7	77·0	73·8	83·0	0·3	85·2	74·7	+1·8	71·6	86	+6	6·2	1·25	−1·19	5	−1·4	0·44
MADRAS, SOUTHEAST																				
Palamkottah (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·54	−0·16	6	+0·6	2·55
Pamban ...	29·854	−·035	N 2 W	11·3	77·8	74·6	82·2	+0·1	84·8	75·7	+1·2	73·3	86	−2	4·7	6·28	−1·21	8	−1·4	2·16
Madura ...	29·446	−·031	N 32 E	3·3	77·1	70·8	85·7	+0·7	92·1	72·2	+1·8	63·8	72	−1	3·8	1·31	−0·13	3	+2·5	0·32
Negapatam ...	29·887	−·017	N 1 E	9·3	76·2	72·0	82·2	−0·1	87·1	72·8	+1·8	63·5	85	+2	6·5	10·85	−0·55	11	+1·7	2·28
Trichinopoly ...	29·674	−·025	N 5 E	3·9	76·4	70·3	85·1	0	89·8	72·1	+0·8	63·3	75	−2	5·1	4·79	+2·15	6	+1·4	2·27
Coimbatore ...	28·572	−·031	N 49 E	2·0	72·6	66·7	82·5	+2·2	89·0	66·8	+1·1	53·8	6	+1	1·1	1·12	+0·21	3	+0·1	0·78
Salem ...	29·020	−·012	N 42 E	1·3	74·3	68·3	86·8	+0·6	89·0	67·3	+1·8	62·2	73	−4	1·2	0·68	−0·30	3	+0·8	0·27
Cuddalore ...	29·902	−·014	N 13 W	5·8	75·3	71·8	82·1	−0·7	84·8	71·6	+1·7	66·9	85	−1	6·4	11·73	+4·50	8	+1·8	2·74
Madras ...	29·907	−·041	N 5 W	8·9	76·1	72·0	81·2	+0·8	87·7	71·6	+1·7	64·7	81	2	6·4	4·24	−1·57	8	+2·8	1·89
MADRAS, DECCAN																				
Cuddapah ...	29·537	−·016	N 9 W	...	72·6	68·4	84·1	2·1	89·1	66·9	+1·6	57·2	79	+2	5·2	1·04	+0·14	4	+2·0	0·42
Bellary ...	28·471	−·020	S 86 E	2·7	69·1	63·6	83·9	−2·2	87·8	63·5	+2·0	55·6	72	+6	4·3	0·05	−0·06	0	−0·3	0·05
Kurnool ...	29·038	−·015	N 55 E	3·1	68·1	62·8	85·1	−1·6	90·3	62·5	+2·4	50·6	71	−1	4·6	0·32	−0·22	0	−0·4	0·12
MADRAS COAST NORTH																				
Nellore (b) ...	29·961	−·013	N 39 W	(c) 3·3	74·0	70·5	84·1	+0·2	87·4	70·2	+2·1	65·9	86	0	5·2	1·33	−1·86	6	+2·9	0·40
Masulipatam ...	29·977	−·020	N 6 E	5·1	73·0	68·1	82·4	−0·7	84·3	68·3	+1·8	60·8	77	−4	4·7	0·03	−0·84	0	−1·1	0·03
Cocanada ...	29·968	−·015	N 31 E	7·8	73·6	67·3	81·1	+0·6	83·4	67·4	+1·2	58·7	71	−3	5·0	0·03	−0·84	0	−0·9	0·03
Vizagapatam ...	29·962	−·010	N 4 W	5·3	74·4	67·4	80·3	−0·5	84·2	70·1	+2·0	65·3	68	+5	4·9	0·07	−0·86	0	−1·0	0·07
Calingapatam ...	29·997	−·001	N 18 W	6·4	69·8	65·6	79·4	−1·5	83·2	64·7	+2·5	57·0	79	−2	3·3	0	−1·01	0	−0·7	0
Gopalpur ...	29·968	−·005	N	6·3	68·2	65·0	81·9	+2·0	86·3	62·2	+1·2	54·4	83	+6	2·3	0	−0·74	0	−0·9	0
HILL STATIONS, EXCLUDING KASHMIR AND BALUCHISTAN																				
Maymyo ...	26·474	+·008	S 38 E	1·0	52·0	51·4	75·7	+1·3	78·6	41·2	+0·7	35·6	96	+3	2·7	0	−0·64	0	−1·2	0
Shillong ✓ ...	25·163	−·035	S	1·2	48·4	41·2	63·0	+1·4	68·4	39·1	−0·6	34·9	72	0	1·8	0	−0·19	0	−0·6	0
Cherrapunji ✓ ...	25·731	+·008	N 54 E	2·9	57·4	49·3	63·8	+1·9	71·9	49·1	+1·7	43·5	86	−12	2·7	0	−0·31	0	−0·7	0
Darjiling ...	22·982	+·021	N 62 E	1·8	44·1	40·1	51·4	+1·7	54·9	39·3	+2·6	36·0	72	−4	2·9	0	−0·24	0	−0·6	0
Mukteswar ...	22·873	+·026	N 71 E	5·7	43·4	(e) 35·2	52·1	−1·9	60·2	39·5	+1·5	31·3	(e) 45	+4	1·3	2·35	+1·66	3	+1·6	1·18
Mussooree (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·53	+2·40	5	+3·4	1·55
Chakrata ...	23·438	+·049	N 72 E	6·7	45·3	(b) 37·1	54·6	−0·8	64·2	39·1	−0·1	30·2	(b) 35	−2	3·5	3·99	+2·71	6	+3·8	1·10
Simla ...	23·147	+·030	S 41 E	2·6	43·6	(e) 34·6	50·3	+0·5	59·3	39·8	+0·5	25·2	(e) 35	−4	5·1	2·18	+1·07	5	+3·0	0·85
Dharampore (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·70	...	6	...	1·25
Dalhousie (a) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8·09	...	7	...	2·30
Murree (b) ...	23·984	−·023	S 45 E	(c) 5·6	43·6	(f) 35·9	48·3	−3·2	59·0	35·9	+0·3	20·7	(f) 41	−6	3·3	1·58	+0·01	4	+1·2	0·70
Cherat ...	25·813	+·023	N 11 W	11·1	44·8	(e) 40·2	(a) 48·5	−5·7	56·4	...	...	...	(e) 68	+24	4·3	2·63	+1·17	4	+2·1	1·07
Parachinar ...	24·499	+·007	N	0·8	35·5	...	51·7	−2·6	63·5	29·0	−3·2	8·0	(r) 68	...	0·4	4·85	+3·68	4	+0·8	2·30
Drosh ...	...	...	Calm	0·5	36·2	(j) 35·4	47·2	−4·1	54·4	34·1	−0·9	25·6	(j) 80	+16	5·5	2·16	+1·09	3	−0·2	0·86
Mount Abu ...	26·108	−·005	N 37 E	2·8	57·0	47·8	66·2	−2·9	72·0	50·3	−2·6	42·6	53	+11	2·0	0	−0·12	0	−0·3	0
Pachmarhi ...	26·526	+·002	S 37 E	1·7	57·1	52·6	70·1	−0·7	75·3	46·3	+1·0	33·2	75	+11	4·6	2·70	+2·33	5	+4·3	1·13
Mercara ...	26·904	−·009	N 60 E	5·5	62·7	60·5	73·2	−2·0	77·0	58·6	+1·1	53·6	89	+5	6·7	1·10	+0·36	3	+1·9	0·50
Kodaikanal ...	22·731	−·001	N 70 E	6·5	54·8	49·5	61·3	−1·0	68·3	48·3	+0·7	42·8	70	+5	6·0	9·64	+5·22	11	+4·0	2·49
Coonoor ...	24·473	...	S 48 E	3·0	57·6	55·1	64·2	...	68·8	50·0	...	41·4	86	...	6·4	7·27	...	7	...	1·99
CEYLON																				
Colombo ...	29·846	−·026	N 85 E	4·3	79·9	71·9	85·4	−1·4	88·3	73·2	+0·6	70·2	90	+3	5·3	25·64	+5·16	13	+5·5	2·64

(a) Reduced to sea-level. (b) Mean of 8 years. (c) Mean of 6 years. (d) Mean of 7 years. (e) Mean of 9 years. (f) Mean of 10 years. (g) Mean of 11 years. (h) Mean of 12 years. (j) Mean of 16 years. (k) Mean of 20 years. (l) Mean of 24 years.