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GOVERNMENT OF INDIA

India METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1952

INTRODUCTION

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Under the Direction of

P. R. Krishna Rao, B.Sc., F.N.I.

Director General of Observatories

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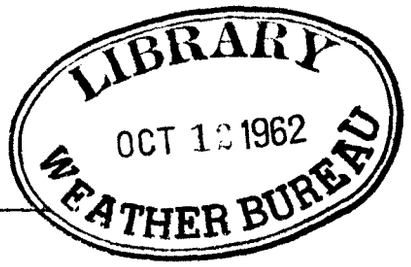
GOVERNMENT OF INDIA

METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW, 1952



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INDIA WEATHER REVIEW, 1952

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INDIA WEATHER REVIEW, 1952

INTRODUCTION

The India Weather Review is composed of the twelve Monthly Weather Reports and the Annual Summary.

Monthly Weather Report

Up to 1932, the Monthly Weather Report contained only the means of 8 hrs. L.M.T. observations based upon the figures telegraphed for the Indian Daily Weather Report. The need for an afternoon weather chart for the preparation of forecasts for aviators led to most of the observatories in northern and central India being raised to class II by the end of 1930. It was then considered desirable to include the afternoon observations of these observatories in the Monthly Weather Report and base the means on the scrutinised data from the Monthly Meteorologial Registers. When the arrangements for scrutinising were completed, the Monthly Weather Report was expanded in January 1933 to contain the afternoon observations as well as the observations at climatological stations which send their observations by post. The remaining observatories in the Peninsula were raised to class II in April 1937; and from 1938 the afternoon observations from these observatories are also published in the Monthly Weather Report. As a result of the constitutional changes in August 1947, the data of Pakistan stations have not been included in the Monthly Weather Reports from August 1947.

From 1933 each Monthly Weather Report gives a short account of the weather of the month and had till 1947 tables I to V. On the omission of the data of stations in South Baluchistan, Iran and Arabia contained in table III from the Monthly Weather Report for August 1947, up to 1951 (end) it contains tables I to IV as mentioned below :

Table I—Divisional and sub-divisional means.

Table II—Monthly means of observations at 0830 hrs. I.S.T. and 1730 hrs. I.S.T. at Indian stations.

Table III—Monthly means of observations at 0830 hrs. I.S.T. at class IV stations.

Table IV—Data of class V stations.

From 1952, Tables II, III and IV have been revised and recast into two tables only as follows :—

Table II—Summary of observations of temperature, rainfall and weather;

Table III—Summary of observations at fixed hours.

Table I remains unchanged.

With the discontinuance of the Upper Air Data, Part A, from 1946, the Monthly Weather Report was expanded in 1947 to include two additional tables A and B giving monthly mean directions and velocities of upper winds at heights up to 9·0 km. and above. However, these were discontinued in 1951. From January 1948, two plates giving monthly mean constant pressure charts for 1000 and 850 mbs. and for 700 and 500 mbs. levels have also been added to the Monthly Weather Report. From 1951, tables giving "mean dynamic height, temperature and dew point at standard pressure surfaces" (Radiosonde data) are being included.

Annual Summary

Beetwen 1933 and 1937 the Annual Summary was published in five parts. From the issue for 1938 it is published in four parts as detailed below. The fifth part comprising the "Seismic records" which was being published in the form of a quarterly bulletin called the "Seismological Bulletin" has been discontinued from the issue for January-March 1946 and is now being issued separately, as a monthly. Data of stations in Pakistan, Iran and Arabia were omitted from 1947.

I. Introduction.—Title page; table of contents; introduction including an alphabetical list of observatories, a list of stations equipped with autographic instruments and errata to Monthly Weather Reports and Annual Summary.

II. Part A—Summary of weather and rainfall and tables of meteorological data. This gives a general description of the weather of the year, and contains annual tables corresponding to the monthly tables in the Monthly Weather Reports, monthly and annual tables for a few stations and special tables of nocturnal radiation temperature, sunshine data, hourly wind velocity and rainfall. From the year 1948, hourly data of pressure, rainfall, temperature and humidity and frequency tables of these elements for stations equipped with autographic instruments have also been included. Besides, three plates A1, A2, A3 showing the monthly and seasonal distribution of rainfall and monthly departures of pressure are given at the end.

III. Part B.—Snowfall. This gives a summary of the snowfall reports pertaining to the mountain regions in the north of India.

IV. Part C.—Storms and depressions. This describes all storms and depressions and contains notes on western disturbances and local storms and charts of storm tracks.

The following notes concerning the observatories, the instruments in use and their conditions of exposure, the method of observation and reduction and grouping of results will be of some help to users of this volume.

Observing stations.—An alphabetical list of stations, the data of which are included in the Monthly Weather Reports or in Tables I to XII of the Annual Summary, Part A, is given in the table below. The class to which the station belongs, the geographical co-ordinates (φ, λ), the heights of the barometer cistern (H_b) above M.S.L. and of the anemometer above the ground (h_a) are also given against each station.

The scheme of classification of observatories adopted in this department is explained below.

Class I.—(Special stations with autographic instruments)—Observatories taking three or more observations per day at fixed times, having autographic instruments for recording at least three of the elements, pressure, temperature, wind and rainfall and communicating (by telegram, telephone, teleprinter or W/T) at least two sets of observations daily.

Class II.—(Airway and synoptic stations manned by departmental observers or part-time observers)—(a) Full time observer stations (combined surface and pibal and C.W. stations) taking and communicating (by telegram, telephone, teleprinter or W/T) at least two sets of observations daily; (b) Part-time observer stations taking and communicating (by telegram, telephone teleprinter or W/T) at least two sets of observations daily; (c) Part-time observer stations taking at least two sets of observations daily but communicating (by telegram, telephone, teleprinter or W/T) only one set of observations ; (d) Part-time observer stations taking at least two sets of observations daily and sending monthly meteorological registers only.

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Class III.—(Synpotic stations manned by part-time observers)—(a) Observatories taking and communicating (by telegram, telephone, teleprinter or W/T) only one set of observations daily; (b) Observatories taking only one set of observations daily and sending the same by monthly meteorological registers only.

Class IV.—(Climatological stations manned by part-time observers)—(a) Observatories not equipped with barometers but taking two sets of all or most of the remaining observations daily and reporting them by monthly registers, (b) Observatories not equipped with barometers but taking all or most of the remaining observations once daily and sending the same by monthly meteorological registers only.

Class V.—(Rainfall stations manned by part-time observers)—(a) Observatories taking once daily instrumental observations of rainfall only, and communicating (by telegram, telephone, teleprinter or W/T) the same along with non-instrumental observations in the Brief Code; (b) Observatories recording only rainfall once daily and communicating the same (by telegram, telephone, teleprinter or W/T) during certain seasons and by monthly or weekly registers during the rest of the year; (c) Observatories recording only rainfall once daily and reporting the same by monthly or weekly registers.

Class VI.—(Miscellaneous non-instrumental stations and also those with few instruments which do not come under any of the above classes)—(a) Non-instrumental stations recording clouds, wind directions and speed and visibility without any instrument and reporting the same by monthly registers; (b) Stations recording observations with a few instruments and which could not be shown under class IV or V.

The three hours of observation adopted at Indian stations were 8 hrs. I.S.T., 12-30 hrs. I.S.T. and 17 hrs. I.S.T. At stations where only a single observation was recorded, *viz.*, Class III, IV and V observatories, the observations were recorded at the morning hour only. At class II stations, observations were recorded at 8 hrs. I.S.T. and 17 hrs. I.S.T. whereas at class I stations observations were recorded at 12-30 hrs. I.S.T. also. The times of observations were changed from the 1st March 1949 as follows :—

(*i*) 0530 hrs. I.S.T. observation was introduced at full-time observer stations.

(*ii*) The times of the main synoptic observations were changed from 0800 and 1700 hrs. I.S.T. to 0830 and 1730 hrs. I.S.T. respectively.

(*iii*) 1130 hrs. I.S.T. observation was introduced at some of the observatories.

(*iv*) 2330 hrs. I.S.T. observation was introduced at all full-time observer stations and at restricted part-time stations.

(*v*) 1230 hrs. I.S.T. observation was discontinued from the 1st June 1949.

The Indian Standard Time (I.S.T.) corresponds to the longitude of 82°30′ E and is therefore 5 hrs. 30 mins. in advance of the Greenwich Mean Time. At all observatories of this department, 4 ft. above ground level has been adopted as the standard height for the bottom of the Stevenson Screen, so that the bulbs of the dry and wet bulb thermometers are at a height of 4¼ to 4½ ft. above ground. A standard height of 1 ft. above ground has been adopted for the rim of the funnel of the raingauge.

As the wind vane is generally fixed at about the same height as the anemometer, its height is not separately given.

Alphabetical List of Stations

Station	Class	φ	λ	H_b	h_a
		°′N	°′E	ft.	ft.
Abu	II	24 36	72 43	3,945	63
Agra	II	27 10	78 02	553	39
Ahmedabad	I	23 02	72 35	182	51
Ahmednagar	II	19 05	74 55	2,154	39
Aijal	II	23 44	92 43	3,599	26
Ajmer	II	26 27	74 37	1,593	45
Akola	II	20 42	77 02	925	43
Akola (Aerodrome)	II	20 42	77 04	1,015	8
Alibag	III	18 38	72 52	23	74
Aligarh	II	27 55	78 04	615	45
Allahabad (Bamrauli)	I	25 27	81 44	322	19
Alleppey	II	09 33	76 25	12	37
Ambala	II	30 23	76 46	892	41
Ambala (P.B.O.)	II	30 23	76 46	906	35
Ambikapur	II	23 10	83 15	1,989	57
Amini Divi	III	11 07	72 44	13	27
Amravati	II	20 56	77 47	1,213	26
Amritsar	I	31 38	74 52	769	47
Anantapur	II	14 41	77 37	1,147	49
Angbung	IV	27 16	87 43	..	..
Angul	II	20 50	85 06	455	25
Arogyavaram	II	13 32	78 30	2,299	35
Arrah	V	25 34	84 40	..	..
Asansol	II	23 41	86 59	414	33
Aurangabad	II	19 53	75 20	1,905	35
Aurangabad (Chikalthana Aerodrome)	I	19 51	75 24	1,901	20
Azamgarh	II	26 03	83 13	255	31
Badrinath	IV	30 40	79 30	..	..
Bagdogra	II	26 38	88 19	416	6
Bagratawa	III	22 38	77 59	..	11
Bahraich	II	27 34	81 36	407	37
Balasore	II	21 30	86 56	65	26
Balehonnur	IV	13 22	75 27	..	..
Banaras	II	25 18	83 01	250	81
Banaras (Babatpur Aerodrome)	II	25 27	82 52	280	32
Banda	II	25 28	80 22	398	35
Bangalore	I	12 58	77 35	3,021	51
Bankura	V	23 14	87 04	..	..
Barahkshetra	II	26 52	87 10	528	11
Bareilly	II	28 22	79 24	568	41
Bareilly (P.B.O.)	II	28 22	79 24	565	32
Barkachhar	III	20 34	81 30	..	11
Barmer	II	25 45	71 23	638	22
Barmul	II	20 31	84 52	210	10
Baroda	I	22 18	73 15	115	42
Baroda (Aerodrome)	II	22 20	73 16	124	31
Batticoloa	II	07 43	81 42	9	35
Belgaum	II	15 51	74 31	2,562	42

Station	Class	φ		λ		b	h_a
		°′N		°′E		ft.	ft.
Bellary	II	15	09	76	51	1,473	33
Berhampore	II	24	08	88	16	62	25
Betul	II	20	52	77	56	2,144	32
Bhagalpur	II	25	14	86	57	160	33
Bhavnagar	II	21	45	72	12	55	27
Bhavnagar (Aerodrome)	II	21	45	72	11	35	39
Bhopal (Bairagarh)	II	23	17	77	21	1,714	35
Bhubaneshwar	II	20	15	85	50	150	34
Bhuj	II	23	15	69	48	343	30
Bhuj (P.B.O.)	II	23	15	69	48	347	24
Bidar	II	17	55	77	32	2,178	36
Bijapur	II	16	49	75	43	1,950	35
Bikaner	II	28	00	73	18	734	34
Bikaner (P.B.O.)	II	28	00	73	18	735	18
Bokaro	I	23	47	85	53	784	16
Bombay (Colaba)	I	18	54	72	49	35	58
Bombay (Santacruz Aerodrome)	I	19	05	72	53	27	20
Broach	II	21	24	73	02	57	43
Buldhana	II	20	32	76	14	2,133	30
Burdwan	II	23	14	87	51	106	53
Calcutta (Alipore)	I	22	32	88	20	21	56
Calingapatam	II	18	20	84	08	19	33
Chaibasa	II	22	33	85	49	742	28
Chainpur	IV	27	17	87	20	..	..
Champa	II	22	02	82	42	805	52
Chanda	II	19	58	79	18	634	17
Chandbali	II	20	47	86	44	20	32
Chapra	V	25	47	84	44	..	..
Chautara	IV	27	47	85	43	..	..
Cherrapunji	II	25	15	91	44	4,309	26
Chhindwara	II	22	06	79	00	2,248	36
Chitaldrug	II	14	14	76	26	2,405	26
Chungthang	V	27	36	88	30	..	..
Cochin (Willingdon Island Aerodrome)	II	09	58	76	14	6	5
Coimbatore	II	11	00	76	58	1,341	44
Coimbatore (Peelamedu Aerodrome)	II	11	02	77	03	1,307	29
Colombo	I	06	54	79	52	24	19
Contai	II	21	47	87	45	35	26
Cooch Behar	II	26	20	89	27	145	42
Coonoor	III	11	21	76	48	5,730	17
Cuddalore	II	11	46	79	46	39	56
Cuddapah	II	14	29	78	50	428	30
Cuttack	II	20	48	85	56	87	37
Cuttack (P.B.O.)	II	20	48	85	56	87	21
Dahanu	II	19	58	72	43	15	35
Dalhousie	II	33	22	75	58	..	..

Station	Class	φ		λ		H_b	a
		°′N		°′E		ft.	ft.
Daltonganj	II	24	03	84	04	725	29
Darbhanga	II	26	10	85	54	161	28
Darjiling	II	27	03	88	16	7,432	18
Deesa	II	24	14	72	12	444	62
Dehra Dun	II	30	19	78	02	2,239	36
Dehri	II	24	55	84	11	352	26
Deolali	III	19	53	73	49	1,875	10
Devgad	II	16	23	73	21	117	25
Dhanbad	III	23	47	86	26	839	50
Dharampore	V	30	54	77	01	..	..
Dharamshala	II	32	16	76	23	3,974	24
Dharoi	IV	24	30	73	00	..	..
Dhubri	II	26	01	89	59	115	32
Dibrugarh	II	27	28	94	55	348	25
Dibrugarh (Mohanbari)	II	27	29	95	01	364	6
Dohad	II	22	50	74	16	1,093	41
Dum Dum	I	22	39	88	27	33	50
Dumka	II	24	16	87	15	489	26
Dwarka	II	22	22	69	05	37	19
Fatehpur	II	25	56	80	50	375	39
Ferozepore	II	30	55	74	40	657	25
Fort Cochin	II	09	58	76	14	10	32
Gadag	II	15	25	75	38	2,131	32
Gadag (P.B.O.)	II	15	25	75	38	2,150	..
Gannavaram	II	16	32	80	48	79	30
Gauhati	II	26	11	91	45	182	28
Gauhati (Kaikuchi Aerodrome)	II	26	05	91	43	162	7
Gaya	I	24	45	84	57	365	19
Gilgit	II	35	55	74	23	4,890	25
Ginabahar	IV	22	48	83	53	..	..
Gonda	II	27	08	81	58	360	32
Gondia	II	21	28	80	12	1,026	31
Gondla	V	32	31	77	02	..	..
Gopalpur	II	19	16	84	53	56	25
Gorakhpur	II	26	45	83	22	254	31
Gorakhpur (P.B.O.)	II	26	45	83	25	257	19
Gulbarga	II	17	21	76	51	1,503	37
Gulmarg	III	34	03	74	24	8,709	20
Guna	II	24	39	77	19	1,571	23
Gurez	V	34	38	74	51	..	..
Gwalior	II	26	14	78	15	681	6
Gyantse	III	28	56	89	36	13,110	27
Hambantota	II	06	07	81	08	61	11
Hanamkonda	II	18	01	79	34	881	38
Hardoi	II	27	23	80	10	467	37
Harnai	II	17	49	73	06	66	5
Hassan	II	13	00	76	09	3,149	41

Station	Class	φ	λ	H_b	h_a
		°'N	°'E	ft.	ft.
Hazaribagh	II	23 59	85 22	2,006	63
Hazaribagh (C.W.)	II	23 59	85 22	2,008	24
Hirakud	II	23 31	83 54	522	31
Hissar	II	29 10	75 44	725	42
Honavar	II	14 17	74 27	85	31
Hoshangabad	II	22 46	77 46	992	35
Hyderabad (Begumpet)	I	17 27	78 28	1,787	49
Hyderabad (Nizamiah)	II	17 26	78 27	1,778	49
Indore	II	22 43	75 48	1,861	8
Jabalpur	II	23 10	79 57	1,289	35
Jagdalpur	II	19 05	82 02	1,813	33
Jagdalpur (P.B.O.)	II	19 05	82 02	1,813	33
Jaipur	I	26 55	75 50	1,431	61
Jaipur(Sanganer Aerodrome)	II	26 49	75 48	1,282	46
Jaisalmer	II	26 54	70 55	793	34
Jalgaon	II	21 03	75 34	660	10
Jalpaiguri	II	26 32	88 43	271	32
Jammu	IV	32 44	74 55	1,200	..
Jamnagar	II	22 29	70 04	60	39
Jamshedpur	II	22 49	86 11	423	50
Jamshedpur (P.B.O.)	II	22 49	86 11	477	50
Jamui	II	24 56	86 18	270	27
Jamuna Chetty	V	30 53	78 20	..	..
Jeur	II	18 12	75 12	1,709	30
Jhadol	IV	24 23	73 28	..	..
Jhalawar	II	24 32	76 10	1,053	28
Jhansi	II	25 27	78 35	823	36
Jharsuguda	II	21 55	84 05	726	..
Jodhpur	I	26 18	73 01	736	29
Jonk (Dam Site Observatory).	IV	21 35	82 32	..	16
Kakinada	II	16 57	82 14	26	27
Kalimpong	II	27 04	88 28	3,965	22
Kallakurichi	II	11 44	78 58	416	..
Kanker	II	20 16	81 29	1,318	40
Kanpur	II	26 26	80 22	414	44
Karnal	II	29 42	77 02	818	34
Katmandu	I	27 42	85 20	4,343	24
Khammameth	II	17 15	80 09	367	29
Khandala	V	18 46	73 22	..	..
Khandwa	II	21 50	76 22	1,044	21
Kharsali	V	30 58	78 26	..	..
Kodaikanal	I	10 14	77 28	7,688	42
Koksar	V	32 25	77 14	..	..
Kolhapur	II	16 42	74 14	1,870	35
Koraput	II	18 49	82 43	2,996	30
Kotah	II	25 11	75 51	843	31
Kothi	V	32 19	77 12	..	..
Kozhikode	II	11 15	75 47	27	43
Krishnagar	II	23 24	88 31	48	45
Kurnool	II	15 50	78 04	923	49
Kyelang	V	32 35	77 04	..	..
Lachem	III	27 43	88 32	..	..
Lachung	V	27 42	88 45	..	..
Lakhimpur Kheri	II	27 54	80 48	483	35
Leh	II	34 09	77 34	11,529	25
Lhasa	III	29 40	91 07	12,090	31
Lokpal	IV	30 44	79 38	..	..
Lucknow	II	26 52	80 56	371	31
Lucknow (Amausi Aerodrome).	II	26 45	80 53	419	35
Ludhiana	II	30 56	75 52	810	30
Lumding	II	25 45	93 11	488	..
Madras (Meenambakkam)	I	13 04	80 11	51	45
Madras (Nungambakkam)	III	13 04	80 15	21	28
Mahabaleshwar	II	17 56	73 40	4,534	27
Mainpuri	II	27 14	79 03	516	28
Malda	II	25 02	88 08	103	51
Malegaon	II	20 33	74 32	1,432	25
Mandla	II	22 35	80 22	1,452	31
Mangalore	I	12 52	74 51	72	54
Mannar	II	08 59	79 55	12	14
Marmagao	II	15 25	73 47	202	25
Masulipatam	II	16 11	81 08	10	35
Mathurai	II	09 55	78 07	437	38
Mawsynram	V	25 18	91 35	..	..
Meerut	III	29 01	77 43	728	47
Mercara	II	12 25	75 44	3,781	18
Midnapore	II	22 25	87 19	149	28
Minicoy	II	08 18	73 00	6	48
Miraj	II	16 49	74 41	1,817	32
Misgar	II	36 47	74 46	10,190	21
Motihari	II	26 40	84 55	218	30
Muktesar (Kumaon)	II	29 28	79 39	7,582	14
Mussooree	II	30 27	78 05	6,699	25
Muzaffarpur	V	26 07	85 24	..	..
Mysore	II	12 18	76 42	2,518	73
Nagapattinam	II	10 46	79 51	31	39
Nagercoil*	II	08 10	77 27	195	32
Nagpur	II	21 06	79 03	1,010	9
Nandi Hills	IV	13 22	77 41	..	..
Nandurbar	III	21 20	74 15	676	7
Neemuch	II	24 48	74 54	1,626	42
Nellore	II	14 27	79 59	65	45
New Delhi	I	28 35	77 12	710	53

*Observatory closed from 1-9-1952.

Station	Class	φ	λ	H_b	h_a
		° ′ N	° E	ft.	ft.
Nizamabad	II	18 40	78 06	1,250	46
Nowgong	II	25 04	79 27	750	29
Okhaldhunga	II	27 19	86 31	..	6
Ongole	II	15 34	80 03	38	31
Ootaçamund	II	11 24	76 44	7,378	27
Orai	II	25 59	79 30	463	31
Pachmarhi	II	22 28	78 26	3,528	37
Palayamcottai	II	08 44	77 45	167	48
Palghat	II	10 46	76 39	319	23
Pamban	II	09 16	79 18	37	25
Parbhani	II	19 08	76 50	1,393	..
Pathankot	II	32 17	75 42	1,128	30
Patiala	II	30 20	76 28	822	60
Patna	II	25 37	85 10	173	51
Patna (Aerodrome)	II	25 36	85 06	196	8
Pendra	II	22 46	81 54	2,040	20
Phalodi	II	27 08	72 22	767	41
Poona	I	18 32	73 51	1,835	24
Poona (Lohagaon Aerodrome).	I	18 35	73 55	1,947	46
Port Blair	I	11 40	92 43	259	27
Puri	II	19 48	85 49	20	29
Purnea	II	25 46	87 28	124	25
Purulia	II	23 20	86 25	835	23
Raichur	II	16 12	77 21	1,311	41
Raigarh	II	21 53	83 23	723	35
Raipur	II	21 14	81 39	979	28
Rajkot	II	22 18	70 47	432	30
Rajkot (Aerodrome)	II	22 18	70 47	435	30
Ramagundam	II	18 46	79 26	513	17
Rana	V	30 55	78 23	..	..
Ranchi	II	23 23	85 20	2,150	44
Ratlam	II	23 19	75 03	1,596	46
Ratnagiri	II	16 59	73 20	116	..
Rentachintala	II	16 33	79 33	348	27
Roorkee	II	29 51	77 53	899	37
Sabour	II	25 14	87 04	122	24
Sagar	II	23 51	78 45	1,808	7
Salem	II	11 39	78 10	913	53
Sambalpur	II	21 28	83 58	486	31
Sandheads	II	20 51	88 15	32	..
Saugor Island	II	21 39	88 03	10	52
Seoni	II	22 05	79 33	2,027	31
Seychelles	II	04 37	55 27	15	37
Sheopur Kalan	II	25 40	76 41	771	37
Shillong	II	25 34	91 53	4,921	28
Shimoga	II	18 56	75 38	1,872	38
Sholapur	II	17 40	75 54	1,570	20
Sibsagar	II	26 59	94 33	317	20
Sikar	II	27 37	75 08	1,419	41
Silchar	II	24 49	92 48	96	24
Simla	II	31 06	77 10	7,234	86
Sironcha	III	18 51	79 58	405	33
Skardu	II	35 18	75 37	7,505	17
Sonamarg	V	34 19	75 19	..	..
Sonepur	IV	20 51	83 59	..	14
Sri Ganganagar	II	29 55	73 53	580	26
Sringar	I	34 05	74 50	5,205	60
Surat	II	21 12	72 50	39	64
Sutna	II	24 34	80 50	1,041	34
Tapkethok	IV	27 29	87 47	..	..
Taplejung	I	27 21	87 40	..	21
Tapoban	IV	30 30	79 30	..	..
Tezpur	II	26 37	92 47	258	30
Tezpur (P.B.O.)	II	26 37	92 47	257	7
Tiruhirapalli	II	10 49	78 43	289	34
Titilagarh	II	20 18	83 18	691	29
Thangu	V	27 53	88 31	..	..
Thikri	III	22 04	75 24	..	..
Trincomalee	II	08 35	81 15	24	15
Trivandrum	I	08 29	76 57	211	41
Tura	II	25 31	90 14	1,215	29
Udaipur	II	24 35	73 42	1,910	19
Umaria	II	23 32	80 53	1,506	34
Vellore	II	12 55	79 09	703	21
Vengurla*	I	15 52	73 38	29	..
Veraval	II	20 54	70 22	26	35
Visakhapatnam	I	17 43	83 14	11	43
Wallangcehung Gola	IV	27 41	87 47	..	..
Yatung (Chumbi)	IV	27 29	88 55	..	..
Yeotmal	II	20 24	78 09	1,481	33

*Converted to class I from June 1952.

Territorial Divisions.—The system of territorial divisions according to which the observatories are grouped is given below. The number of observatories in each of the sub-divisions is given in brackets against the sub-division.

Chief Political Divisions	Sub-Divisions
	Bay Islands (1).
Assam (including Manipur and Tripura).	Assam (including Manipur and Tripura) (15).
West Bengal	West Bengal (20).
Orissa	Orissa (12).
Bihar	Chota-Nagpur (8). Bihar (14).
Uttar Pradesh	Uttar Pradesh, East (16). Uttar Pradesh, West (11).

Chief Political Divisions	Sub-Divisions
Punjab (I) (including PEPSU and Delhi).	Punjab (I) (including PEPSU and Delhi) (23).
	Jammu and Kashmir (11).
Rajasthan	Rajasthan, West (7).
	Rajasthan, East (including Ajmer) (8).
Madhya Bharat and Vindhya Pradesh	Madhya Bharat (7).
	Vindhya Pradesh (3).
Madhya Pradesh	Madhya Pradesh, East (10).
	Madhya Pradesh, West (15).
Bombay (including Saurashtra and Kutch).	Gujarat (7).
	Saurashtra and Kutch (9).
	Konkan (10).
	Deccan (Desh) (16).
Hyderabad	Hyderabad, North (6).
	Hyderabad, South (6).
	Coastal Andhradesa (8).
Madras (including Travancore-Cochin).	Rayalaseema (5).
	Tamilnad (16).
	Malabar and South Kanara (3).
	Travancore-Cochin (4).
Mysore	Mysore (9).

Barometric pressure.—Till 1932 mercurial barometers of the Fortin type with tubes of 0·4″ uniform bore were in use at most of the observing stations in India; but since that year, Kew pattern Barometers, made according to departmental specifications, have gradually been introduced at all the plain stations. The Kew pattern Barometers were also introduced at two hill stations Kodaikanal and Mahabaleshwar during 1946 and 1947 respectively. Fortin Barometers continue to be used at other hill stations.

An aneroid barometer was in use at Lhasa.

The standard for the measurement of atmospheric pressure in India is the "Calcutta Standard". On the results of all comparisons made till 1935, the correction at present accepted of the "Calcutta Standard" with respect to Kew is —0.009″.

Standard Barometers are now maintained at Poona, Bombay, Delhi, Nagpur, Calcutta and Madras for the purpose of standardising barometers before they are issued to land stations. Marine barometers for issue to ships are standardised at Bombay, Calcutta and Madras. These working standards are all corrected with respect to the "Calcutta Standard". The correction of all the barometers issued by this department is therefore ultimately based on the "Calcutta Standard".

The main work of the determination of the corrections of the barometers issued to outstations is done at Poona.

The barometers at all observatories are 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 all the tables of pressure as well as in the alphabetical list of stations. Heights of most stations have been obtained accurately by actual measurement from datum levels determined by the Great Trigonometrical Survey of India ; the heights of only a few stations, mostly in Kashmir, have been determined barometrically.

From 1952, mean pressure values "at mean sea or nearest g.p.km. level" have been given in addition to those "at station level", in Table III.

Temperature.—Till 1923, thermometers were exposed in large open sided sheds to protect them from extraneous radiation (*vide* Annual Report on the Meteorology of India, 1887, p. 37). As a result of experiments carried out at Agra on various types of exposures and described in the Ind. Met., Mem., Vol. XXIV, Part III (1922), all of these have been replaced by Stevenson Screens, which are less costly and cheaper to maintain.

The screen adopted for use in India has free inside measurements of 22″ length, 12″ depth and 16″ 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 with a double roof, the lower one having perforations. Upper roof slopes from front to back and protects the top from the Sun and rain. The door on the north side has 14 louvres and the remaining sides have 16 louvres each.

Thermometers in use which were issued up to the end of 1931 were verified by comparison with Kew standard thermometers at Calcutta. Instruments issued from 1932 were compared at Poona with standards provided with certificates of correction from the National Physical Laboratory Teddington, England. All the thermometers at the observing stations are re-standardised from time to time; the temperatures given in the tables are corrected values.

Up to 1947 both the maximum and minimum thermometers were set and read only once in a day at the time of the morning observations. But from 1948, the minimum thermometer is set in the morning as well as in the evening and the readings of both the maximum and minimum temperatures are taken twice a day at the time of morning and evening observations. The maximum and minimum temperatures published in the reports refer to a period of 24 hours ending at 0830 hrs. I.S.T. The monthly means of these temperatures refer to the month ending at 0830 hrs. on the last day of the month.

Terrestrial radiation.—New terrestrial radiation thermometers were brought into use at most of the departmental first class observatories in 1932 and the method of exposure was also altered. Formerly these thermometers were laid on a thick pad of woollen blanket ; but since 1932 they are placed on two wooden forks on a close cropped grass plot so that the bulb of the thermometer is about 1½″ above ground. The radiation minimum temperatures recorded by these thermometers at 12 stations appear in Table IVA, in which the depression of these temperatures below the minimum temperature in shade at 4 feet above ground is also given.

Hours of bright sunshine.—Sunshine recorders of the standard Campbell-Stokes pattern were in use at 18 stations.

Surface winds.—Prior to 1930, Robinson four-cup anemometers of the dial pattern were in use at Indian observatories. Since 1930, however, the department gradually introduced counter type anemometers manufactured at the departmental workshop at Poona and these are in use at almost all the observatories.

All anemometers issued up to the end of 1931 were compared before issue with the standard Beckley anemograph at the Alipore Observatory. Up to 1911 the factor representing the ratio of air movement to travel of Beckley cups had been taken in India as in other countries, as 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). Since January 1932 anemometers are issued from Poona after comparison with the standard cup anemometer there. This standard is provided with a certificate of corrections from Wind Channel tests, made at the National Physical Laboratory, Teddington, England, and has also been compared with the Beckley anemograph at Alipore. However, as only instruments with small corrections are issued and as it is impracticable entirely 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 value.

The wind data published consist of the mean hourly air movement as registered by counter type anemometers during the 24 hours ending at the time of morning observations and the frequency of the wind direction from 8 compass points at both the hours of observation.

Humidity and Cloud.—The hygrometric data are calculated by means of the departmental Hygrometric tables. The proportion of cloud was estimated in tenths of the sky expanse, an overcast sky being denoted by 10 and a cloudless sky by 0. From 1949 the cloud amount is expressed in oktas of the total sky, an overcast sky being recorded as 8 and cloudless sky as 0.

Rainfall.—Symons raingauges with funnels of 5" diameter are now used at all raingauge stations, with the exception of those in Travancore where raingauges of non-standard pattern are in general use. At all the departmental raingauge stations new rain-measuring glasses made according to specifications drawn up by this department and tested at Poona have been introduced. The time of measuring rainfall at all the departmental observatories was 0800 hrs. I.S.T. and at the state raingauge stations 0800 hrs. L.M.T. The time of observations of rainfall at the departmental observatories and at the state raingauge stations has been changed to 0830 hrs. I.S.T. from March 1949 and January 1950 respectively. The amounts measured at these hours give the rainfall of the previous 24 hours.

The rainfall data of State raingauge stations for each State are generally tabulated in the office of the State officer controlling registration of rainfall in the State and published by respective State. The data of Rajasthan and Madhya Bharat, Vindhya Pradesh and Bhopal are, however, published by the Meteorological Office, Poona. These State tables are collected together and are issued annually in five parts, each part comprising the tables relating to a few contiguous States. These data are utilised in preparing Tables XII to XVI in part A. In these State 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" or more of rain was recorded.

Autographic instruments.—In addition to the eye-reading instruments, autographic instruments are maintained at all class I stations and a few other observatories.

The following is a complete list of such stations with the instruments available noted against them. The symbols adopted to denote different instruments are shown below.

W—Anemograph T—Thermograph

B—Barograph R—Self-recording Raingauge

U—Hygrograph S—Sunshine Recorder

Station	Autographic Instruments					
1. Agartala		B	U	T	R	
2. Ahmedabad	W	B	U	T	R	S
3. Alibag		B		T	R	
4. Allahabad (Bamrauli)	W	B	U	T	R	S
5 Alleppey		B				
6 Amritsar		B	U	T	R	S
7 Asansol					R	
8 Aurangabad		B	U	T	R	
9. Bangalore (Central Observatory)	W	B	U	T	R	S
10. Bangalore (Aerodrome)	W	B	U	T	R	
11. Barmer		B		T		
12. Baroda	W	B	U	T	R	S
13. Bhopal (Bairagarh)	W	B	U	T	R	
14. Bhubaneshwar		B				
15. Bombay (Colaba)	W	B	U	T	R	S
16. Bombay (Santacruz)	W	B	U	T	R	
17. Calcutta (Alipore)	W	B	U	T	R	S
18. Calcutta (Dum Dum)	W	B	U	T	R	
19. Calingapatnam		B				
20. Cherrapunji					R	
21. Cochin		B				
22. Cuddalore		B				
23. Dibrugarh (Mohanbari)		B				
24. Gaya	W	B	U	T	R	
25. Gopalpur	W	B				
26. Hyderabad (Begumpet)	W	B	U	T	R	
27. Jabalpur					R	
28. Jagadalpur		B			R	
29. Jaipur	W	B	U	T	R	S
30. Jamshedpur	W	B		T	R	
31. Jaharsuguda		B				
32. Jodhpur	W	B	U	T	R	S
33. Kakinada		B				
34. Kodaikanal	W	B	U	T	R	S
35. Kozhikode		B				
36. Lucknow		B	U	T	R	
37. Madras (Meenambakkam)	W	B	U	T	R	S
38. Madras (Nungambakkam)		B	U	T		
39. Madras (Port Trust)	W					
40. Mahabaleshwar					R	
41. Mangalore		B	U	T	R	
42. Masulipatnam		B				
43. Nagpur	W	B	U	T	R	S
44. Nagapattinam		B				
45. New Delhi	W	B	U	T	R	S
46. Pamban		B				
47. Poona	W	B	U	T	R	S
48. Port Blair		B	U	T	R	S
49. Puri		B				
50. Sandheads		B				
51. Saugor Island	W	B		T	R	
52. Seychelles		B			R	
53. Srinagar		B		T	R	S
54. Tezpur				T		
55. Tiruchirapalli		B				
56. Trivandrum		B		T	R	S
57. Vengurla		B	U	T	R	
58. Veraval		B	U	T	R	
59. Visakhapatnam	W	B	U	T	R	S

Tables.—Tables I, II and III in the Annual Summary, Part A, contain the annual means of Indian stations whose monthly data have appeared in the Monthly Weather Reports.

Tables IIA and IIIA are similar to Tables II and III and contain the monthly and annual means of those Indian stations which could not be included in the Monthly Weather Report.

Table IV gives the mean duration of bright sunshine and IV-A the abstracts of hours of bright sunshine and noctural radiation temperature at 18 and 19 stations respectively.

Table V gives the mean hourly and extreme pressure at 37 stations.

Tables VI to VI-I give the total hourly rainfall, maximum in one hour and frequency of rainfall amounts in one-hour to six-hour periods and in one-day to three consecutive days at 42 stations.

Tables VI-J and VI-K give the frequency of rainfall in one hour and in five minutes respectively (intensity greater than $\frac{1}{2}$" per hour) at 42 stations.

Table VII gives the mean hourly and extreme wind velocities at 19 stations. Owing to a change in the method of tabulation of the anemographs from 1st January, 1939, the velocity given against any hour is the average for the ten minutes immediately preceding that hour.

Table VII-A gives the frequencies of the number of hours when wind speed was within specified limits at the above 19 stations.

Table VII-B gives a statement of squalls which occurred at 19 first class observatories.

Table VIII gives the mean hourly and extreme dry bulb temperatures at 29 stations.

Tables VIII-A to VIII-C give the frequency of number of hours when dry bulb temperature, maximum temperature and minimum temperature were within specified limits at 29, 30 and 30 stations respectively.

Tables IX and IX-A give the mean hourly and extreme wet bulb temperatures, and the frequency of the number of days when maximum wet bulb temperature was within specified limits at 18 and 19 stations respectively.

Tables X and X-A give the mean hourly and extreme relative humidities at 28 and 26 stations respectively.

Table XI gives the number of days on which the Nilgiris were visible from Kodaikanal.

Tables XII to XVI give the divisional and sub-divisional means of rainfall and the number of rainy days derived from the records of about 3,000 rainfall recording stations and table XVII gives heavy falls of 10" and above in 24 hours at these stations.

Normals.—The normals used for comparison in Tables I to III and XII to XVI are generally based on data up to 1940.

In Table IV-A the normals of radiation minimum temperature and of its depression below the shade minimum temperature are based on all available data up to the year 1930.

The data of stations under the administrative control of the Regional Meteorological Centres, at Bombay, Calcutta, Madras, Nagpur and New Delhi are scrutinised and supplied by the respective centres.

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INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

JANUARY

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The month was characterised by moderate to large deficiency of rainfall in northwest India and Assam and mainly dry weather over the rest of the country except in Tamilnad where the rainfall was nearly normal.

Seven western disturbances and two secondary western disturbances affected the country during the month. Five out of these, moving initially across Baluchistan and North-West Frontier Province passed away eastwards across the extreme north of the country by the 5th, 6th, 11th, 26th and 31st respectively and caused rain or snowfall in Kashmir. The remaining disturbances were fairly active, and a detailed description of these is set out in the following table.

TABLE

Period	Course	Region	Nature of precipitation	Period	Remarks
1st-3rd	West Rajasthan and South Punjab(P) to Simla-Kumaon hills	Punjab(I)	Widespread thundershowers	on 2nd	Reports of heavy snowfall in Kashmir and the Simla-Kumaon hills also appeared in the Press.
		Northwest Uttar Pradesh	Local thundershowers	on 2nd	
		Himachal Pradesh and Kumaon hills	Widespread thundershowers	on 3rd	
		Northeast Uttar Pradesh and plains of Punjab(I)	Local thundershowers	on 3rd	
		Northwest Rajasthan	A few thundershowers	on 3rd	
6th-8th	Sind and the adjoining parts of Rajasthan to western Himalayas	Punjab(I)	Widespread thundershowers	on 7th	This was a secondary western disturbance induced by the one which moved away across the extreme north of the country on the 6th. This induced another secondary 'low' over Vindhya Pradesh and the adjoining areas on the 8th.
		Kumaon hills, east Rajasthan and adjoining Madhya Bharat	Local thundershowers	on 7th	
		Plains of northwest Uttar Pradesh	A few thundershowers	on 7th	
		West Uttar Pradesh and Himachal Pradesh.	Widespread light to moderate thundershowers	on 8th	
		Plains of Punjab(I)	Few widespread moderate thundershowers	on 8th	
		In and near Kumaon hills	Widespread rain	on 9th	
8th-10th	Vindhya Pradesh and neighbourhood to Gangetic West Bengal and the neighbourhood.	Vindhya Pradesh and east Uttar Pradesh	Fairly widespread light thundershowers	on 8th	A tertiary western disturbance.
		East Rajasthan, Madhya Bharat and northwest Madhya Pradesh	Local thundershowers	on 8th	
		Chota Nagpur	Fairly widespread thundershowers	on 9th	
		Bihar, east Uttar Pradesh and northeast Madhya Pradesh	A few light thundershowers	on 9th	
13th-15th	West Rajasthan and adjoining parts of Sind and the Punjab(P) to Simla-Kumaon hills	Punjab(I)	A few light showers	on 13th	
		Himachal Pradesh	Widespread light showers	on 14th	
		Northwest Uttar Pradesh and the plains of the Punjab(I)	A few light showers	on 14th	

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The first disturbance, moving across northwest India between the 1st and 3rd, caused heavy snowfall in the Punjab-Kumaon hills and Kashmir. According to Press Reports, snowfall varying from 9" to 18" occurred at some places. The motor traffic on the Hindustan-Tibet road was dislocated, the way being snow-bound. Reports of stray casualties in Kashmir on the 1st due to avalanches also appeared in the press. Another spell of good snowfall in Kashmir was reported on the 7th when, according to the press reports, life in Kashmir came almost to standstill on account of continuous snowfall for 24 hours totalling to about 16". Electric and telephone services were interrupted and the traffic on the 200 miles Jammu-Kashmir road adversely affected.

In association with the westward passage of a low pressure wave across Ceylon-Comorin area local rain or thundershowers occurred in south Tamilnad and Malabar-south Kanara on the 3rd and in Travancore-Cochin on the 4th. Fairly widespread or local showers also occurred in south Tamilnad and Travancore-Cochin on the 6th and 7th. There were scattered showers in Tamilnad again on the 23rd and 25th and local or fairly widespread showers on the 24th and between the 28th and 30th. Weather remained mainly dry in northeast India, the central parts of the country and the rest of the Peninsula during the month.

In the rear of the western disturbances, cold air set in over Rajasthan, Saurashtra and Kutch, and Gujarat and brought down the night temperatures considerably. Thus night temperatures were 8°-12°F below normal in south Rajasthan and Saurashtra and Kutch on the 3rd, and 10°-14°F below normal in Saurashtra and Kutch on the 4th. The second cold spell occurred in these parts in the beginning of the second week when night temperatures fell by 10°-13°F in south Rajasthan, Gujarat and south Madhya Bharat on the 9th and fell further by 5°-10°F in Gujarat, south Madhya Bharat and adjoining west Madhya Pradesh on the 10th (being appreciably to markedly below normal over these areas on that day). Night temperatures ranging from 35°-40°F (4°-8°F below normal) were recorded in north Rajasthan and the adjoining districts of the Punjab (I) on the 17th and 18th, and in Vindhya Pradesh on the 19th.

Total rainfall for the month was in slight defect in the Punjab (I) and Tamilnad, in moderate defect in west Uttar Pradesh and in large defect in north east India outside Bihar, in east Uttar Pradesh, Rajasthan, the central parts of the country, Mysore and Travancore-Cochin. Elsewhere no rain fell. Averaged over the plains of India, the rainfall was 63% in defect.

The mean maximum temperature was normal in Orissa, the Konkan, Hyderabad, coastal Andhradesa, Rayalaseema, Tamilnad, Mysore and Travancore-Cochin and was above normal over the rest of the country. The mean minimum temperature was above normal in the Bay Islands, east Uttar Pradesh and west Rajasthan and normal elsewhere.

The mean relative humidity in the morning was below normal in Chota Nagpur, Madhya Bharat, Madhya Pradesh, Gujarat and Rayalaseema and normal in the remaining divisions.

The mean cloud amount in the morning was below normal in Assam, West Bengal, Chota Nagpur, Bihar, Uttar Pradesh, northwest India, Vindhya Pradesh and Saurashtra and Kutch, normal in Madhya Bharat, Madhya Pradesh, Gujarat and coastal Andhradesa and was above normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST. of the date given in the succeeding column.

POONA—5,
the 10th April 1952.

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

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—JANUARY 1952.

Division	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity %		Cloud	
					0830 hrs. I.S.T.	1730 hrs. I.S.T.	0830 hrs. I.S.T.	1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	0·33	43	76·3	52·0	85	71	1·5	0·9
	−0·43	...	+ 2·7	+ 1·2	− 3	...	− 1·6	...
2 West Bengal ...	0·01	2	80·5	55·4	73	55	1·0	1·3
	−0·40	...	+ 3·2	+ 1·9	− 2	...	− 0·6	...
3 Orissa ...	0·01	3	82·9	58·3	73	54	2·2	2·4
	−0·36	...	+ 1·5	− 0·5	− 1	...	+ 0·4	...
4 Bihar ...	0·06	10	79·1	50·3	69	52	1·0	1·0
	−0·57	...	+ 4·0	+ 1·0	− 4	...	− 0·7	...
5 Uttar Pradesh ...	0·42	45	75·9	48·3	74	47	1·4	1·3
	−0·52	...	+ 3·5	+ 2·3	− 1	...	− 0·6	...
6 Punjab (I) (including PEPSU and Delhi) ...	0·90	78	73·5	44·7	75	44	1·7	1·7
	−0·26	...	+ 4·3	+ 1·8	+ 3	...	− 0·8	...
7 Rajasthan ...	0·05	19	77·7	47·6	54	26	1·2	1·4
	−0·22	...	+ 3·4	+ 1·3	− 3	...	− 0·9	...
Sub-Division								
1 Bay Islands ...	0	0	86·4	75·9	70	77	4·4	4·3
	−1·79	...	+ 2·2	+ 4·3	− 1	...	+ 1·0	...
2 Assam (including Manipur and Tripura) ...	0·33	43	76·3	52·0	85	71	1·5	0·9
	−0·43	...	+ 2·7	+ 1·2	− 3	...	− 1·6	...
3 West Bengal ...	0·01	2	80·5	55·4	73	55	1·0	1·3
	−0·40	...	+ 3·2	+ 1·9	− 2	...	− 0·6	...
4 Orissa ...	0·01	3	82·9	58·3	73	54	2·2	2·4
	−0·36	...	+ 1·5	− 0·5	− 1	...	+ 0·4	...
5 Chota Nagpur ...	0·18	24	79·9	51·3	63	42	1·5	1·4
	−0·57	...	+ 3·6	+ 0·8	− 7	...	− 0·4	...
6 Bihar ...	0	0	78·5	49·5	74	57	0·7	0·7
	−0·57	...	+ 4·3	+ 1·2	− 1	...	− 1·0	...
7 Uttar Pradesh, East ...	0·19	28	77·5	49·5	73	47	1·0	1·1
	−0·49	...	+ 3·8	+ 2·6	− 5	...	− 0·8	...
8 Uttar Pradesh, West ...	0·66	55	74·2	47·1	75	46	1·9	1·6
	−0·55	...	+ 3·2	+ 1·9	+ 3	...	− 0·5	...
9 Punjab (I) (including PEPSU and Delhi) ...	0·90	78	73·5	44·7	75	44	1·7	1·7
	−0·26	...	+ 4·3	+ 1·8	+ 3	...	− 0·8	...
10 Jammu and Kashmir ...			Data	incomplete				
11 Rajasthan, West ...	0·03	13	76·7	46·5	57	29	1·2	1·3
	−0·21	...	+ 3·7	+ 2·1	− 2	...	− 1·3	...
12 Rajasthan, East (including Ajmer) ...	0·08	27	78·6	48·4	52	23	1·2	1·5
	−0·22	...	+ 3·2	+ 0·6	− 4	...	− 0·6	...
13 Madhya Bharat ...	0·01	4	81·5	48·9	46	23	1·6	1·7
	−0·22	...	+ 3·2	+ 0·5	−11	...	0	...
14 Vindhya Pradesh ...	0·05	6	80·4	46·7	71	40	1·1	1·2
	−0·76	...	+ 4·8	− 0·3	0	...	− 1·1	...

Division	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity %		Cloud	
					0830 hrs. I.S.T.	1730 hrs. I.S.T.	0830 hrs. I.S.T.	1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·03	6	81·0	47·9	57	30	1·4	1
	−0·45	...	+ 3·9	+ 0·1	− 6	...	− 0·5	...
9 Madhya Pradesh ...	0·04	9	84·1	53·3	53	30	1·8	2
	−0·41	...	+ 2·7	0	− 9	...	+ 0·1	...
10 Bombay (including Saurashtra & Kutch) ...	0	0	86·7	57·7	53	32	1·7	1
	−0·10	...	+ 2·4	+ 0·5	− 4	...	+ 0·3	...
11 Hyderabad	0	0	86·5	59·8	60	28	2·5	2
	−0·27	...	+ 1·0	− 0·4	− 2	...	+ 0·7	...
12 Madras (including Travancore-Cochin) ...	0·58	67	86·2	68·4	74	57	3·9	3
	−0·29	...	+ 0·6	+ 1·1	− 3	...	+ 1·1	...
13 Mysore ...	0·03	18	83·0	60·3	70	34	3·3	3
	−0·14	...	+ 0·4	+ 1·1	− 1	...	+ 0·7	...
Mean of India ...	0·19	37	81·9	54·6	64	41	1·9	2
	−0·33	...	+ 2·6	+ 0·8	− 3	...	− 0·1	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0·09	21	83·3	53·0	61	35	1·8	2
	−0·33	...	+ 2·1	− 0·1	− 8	...	+ 0·1	...
16 Madhya Pradesh West ...	0·01	3	84·7	53·5	47	27	1·8	1
	−0·46	...	+ 3·1	− 0·2	− 9	...	+ 0·1	...
17 Gujarat ...	0	0	88·2	54·6	47	28	1·1	1
	−0·07	...	+ 2·9	+ 1·5	−11	...	− 0·1	...
18 Saurashtra & Kutch ...	0	0	84·2	54·9	51	33	1·0	0
	−0·07	...	+ 2·9	− 0·4	− 1	...	− 0·4	...
19 Konkan ...	0	0	85·5	67·2	65	61	2·3	2
	−0·06	...	+ 1·6	+ 0·4	− 2	...	+ 0·9	...
20 Deccan (Desh) ...	0	0	87·9	57·5	53	26	2·3	2
	−0·15	...	+ 2·2	+ 0·6	− 4	...	+ 0·8	...
21 Hyderabad, North ...	0	0	86·1	58·4	53	27	2·4	2
	−0·27	...	+ 1·2	− 0·4	− 3	...	+ 0·7	...
22 Hyderabad, South ...	0	0	86·7	60·8	65	29	2·6	2
	−0·26	...	+ 0·8	− 0·5	− 1	...	+ 0·7	...
23 Coastal Andhradesa ...	0	0	84·1	65·0	78	60	3·0	3
	−0·40	...	+ 0·4	0	− 1	...	+ 0·3	...
24 Rayalaseema ...	0	0	88·6	64·4	58	40	2·8	3
	−0·22	...	+ 0·5	+ 1·2	−11	...	+ 0·8	...
25 Tamilnad ...	1·30	87	85·1	69·8	78	58	4·7	4
	−0·19	...	+ 0·3	+ 1·7	− 4	...	+ 1·4	...
26 Malabar & South Kanara ...	0	0	91·4	71·7	72	62	3·6	3
	−0·23	...	+ 2·9	+ 0·9	− 1	...	+ 1·5	...
27 Mysore ...	0·03	18	83·0	60·3	70	34	3·3	3
	−0·14	...	+ 0·4	+ 1·1	− 1	...	+ 0·7	...
28 Travancore–Cochin ...	0·12	14	88·2	73·5	75	65	4·1	4
	−0·72	...	+ 0·5	+ 0·7	+ 1	...	+ 1·9	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 08 30-17 30 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean beween 0830-1730 hrs.	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	86·4	+3·2	89	31	75·9	+4·3	70	23,24	0	0	-1·79	0	...	0	-2·3	10·2	8·9	+0·4	0	0	0	0	0	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	74·0	+2·6	79	25, 26 29	51·5	+1·4	46	14	0·17	1·22	-0·27	0·86	10	2	-1·7	1·1	0·7	+0·1	5	0	0	2	4	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	73·9	...	80	26,27	48·2	...	44	6,7,16	0·17	0·84	...	0·40	10	3	...	3·0	1·5	...	4	0	0	2	15	0	0	0	0	0
Sibsagar ...	74·0	+3·5	79	25,26 30	49·7	0	43	14	0	0·50	-0·71	0·27	12	2	-1·5	2·5	1·7	+0·6	3	0	0	3	28	0	0	0	0	0
Tezpur ...	77·5	+3·7	81	6 days	52·6	+0·1	48	15	0	0	-0·58	0	...	0	-1·5	1·2	1·0	-0·7	0	0	0	0	0	0	0	0	0	0
Tezpur (P. B. O.) ...	76·2	...	81	4 days	51·3	...	45	15	0	0	...	0	...	0	...	2·3	1·2	...	0	0	0	0	3	0	0	0	0	0
Gauhati ...	76·6	+2·0	81	11.24	51·9	+0·9	48	8. 14	0	0	-0·38	0	..	0	1·1	3·2	1·8	+0·6	0	0	0	0	11	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	76·6	...	81	25	49·9	...	45	14	0	0	...	0	...	0	...	2·7	1·3	...	0	0	0	0	25	0	0	0	0	0
Dhubri ...	75·2	+1·8	81	30	56·5	+3·3	53	6,13,15	0	0	-0·31	0	...	0	-0·8	3·3	2·3	-0·8	0	0	0	0	0	0	0	0	0	0
Silchar ...	79·2	+1·2	84	28,29	53·6	+1·3	48	9	0	0·58	-0·19	0·58	12	1	-0·5	0·9	0·2	-0·9	1	0	0	0	0	0	0	0	0	0
Tura ...	76·2	...	80	21,22	56·0	...	53	8 days	0	0	...	0	...	0	...	3·0	2·7	...	0	0	0	0	0	0	0	0	0	0
Lumding ...	77·7	+4·2	83	30	48·3	+1·1	44	15, 16 17	...	0	-0·56	0	...	0	-1·4	...	...	...	...	...	...	...	...	...	...	...	...	...
West Bengal																												
DumDum ...	81·2	...	85	30	56·3	...	50	13,14	0·01	0·01	...	0·01	4	0	...	3·2	1·8	...	1	0	0	0	3	0	0	0	0	0
Calcutta ...	81·7	+2·1	86	30	57·6	+3·0	51	14	0	0	-0·37	0	...	0	-0·8	3·1	1·8	-0·2	0	0	0	1	17	0	0	0	0	0
Saugor Island ...	78·6	+1·6	83	26.31	62·8	+4·2	56	13.14	0	0·03	-0·38	0·03	3	0	-0·9	7·3	6·5	+1·0	1	0	0	0	18	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0	0	-0·19	0	...	0	-0·5	...	...	...	0	0	0	0	0	0	0	0	0	0
Midnapore ...	81·8	+1·0	86	31	54·8	-0·8	48	13	0	0	-0·47	0	...	0	-0·9	3·3	1·8	+0·2	0	0	0	0	0	0	0	0	0	0
Contai* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bankura ...	...	...	...	...	...	...	...	...	...	0·10	-0·48	0·10	12	1	-0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	83·5	+4·6	87	24	54·8	+0·1	50	14,15, 16	0	0	-0·45	0	...	0	-0·9	3·2	1·9	+0·7	0	0	0	0	1	0	0	0	0	0
Krishnagar ...	81·9	+3·3	86	30	52·4	+0·8	45	13	0	0	-0·45	0	...	0	-0·9	2·1	1·2	+0·1	0	0	0	0	0	0	0	0	0	0
Asansol ...	81·4	+3·6	85	5, 30	55·3	+2·6	49	19	0·01	0·01	-0·66	0·01	12	0	-1·4	4·1	2·7	-0·6	1	0	0	1	0	0	0	0	0	0
Berhampore ...	82·6	+5·9	86	4 days	54·2	+1·0	47	13	0	0	-0·38	0	...	0	-1·0	0·7	0·3	-0·8	0	0	0	0	5	0	0	0	0	0
Malda ...	78·8	+4·3	83	31	52·4	+2·4	45	13	0	0	-0·54	0	...	0	-0·9	3·8	2·4	-0·3	0	0	0	0	0	0	0	0	0	0
Cooch Behar* ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	77·4	+3·0	81	27. 28	53·4	+2·4	50	11.12	0	0	-0·31	0	...	0	-0·7	2·9	2·0	+1·1	0	0	0	0	5	0	0	0	0	0
Bagdogra ...	78·9	...	83	27	48·9	...	43	12	0	0	...	0	...	0	...	2·8	1·5	...	0	0	0	0	4	0	0	0	0	0
Orissa																												
Balasore ...	82·4	+1·5	86	17	57·3	+1·0	52	14.19 20	0	0·01	-0·52	0·01	3	0	-1·0	4·5	2·7	+0·9	1	0	0	0	1	0	0	0	0	0
Chandbali ...	83·2	+1·9	88	17	58·3	+0·3	53	7,19,20	0	0	-0·20	0	...	0	-0·7	4·4	3·3	-0·3	0	0	0	0	4	0	0	0	0	0
Puri ...	81·2	+1·2	84	26	63·9	+0·2	58	14	0	0	-0·41	0	...	0	-0·6	6·9	6·3	0	0	0	0	0	0	0	0	0	0	0
Bhubaneswar ...	84·2	...	88	14, 17	59·1	...	49	13	0	0	...	0	...	0	...	...	4·5	...	0	0	0	0	15	0	0	0	0	0
Cuttack ...	84·4	+1·3	88	17	61·0	+1·2	54	15	0	0·05	-0·27	0·05	3	0	-0·7	1·4	1·1	0	1	0	0	0	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0	0·03	...	0·03	3	0	...	2·1	1·0	...	1	0	0	0	1	0	0	0	0	0
Gopalpur ...	81·5	+0·9	85	17, 26 27	59·6	-2·7	52	15	0	0	-0·28	0	...	0	-0·5	5·5	4·7	-1·4	0	0	0	0	0	0	0	0	0	0
Koraput ...	78·8	...	83	1	52·4	...	46	4 days	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Angul ...	83·3	+1·5	87	12, 16	55·7	+0·4	50	19,20	0	0	-0·44	0	...	0	-0·9	3·5	3·4	+0·4	0	0	0	0	2	0	0	0	0	0
Sambalpur ...	84·3	+2·5	88	17	52·0	-3·0	45	13,19	0	0	-0·43	0	...	0	-0·9	2·8	1·7	-0·4	0	0	0	0	30	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	00	0	0	0	0	0	0
Titilagarh ...	85·2	...	89	5 days	54·8	...	48	13.20	0	0	...	0	...	0	...	1·2	1·1	...	0	0	0	0	31	0	0	0	0	0
Chota Nagpur																												
Purulia ...	79·9	...	84	4 days	56·1	...	50	13	0	0·18	...	0·18	11	1	...	2·9	1·9	...	1	0	0	1	0	0	0	0	0	0
Jamshedpur ...	82·7	+2·3	88	16	53·3	+2·0	46	13	0	0	-0·36	0	...	0	-0·9	3·5	2·1	+0·6	0	0	0	0	0	0	0	0	0	0
Chaibasa ...	82·7	+3·5	87	16	53·5	+1·1	47	13,19	0	0	-0·64	0	...	0	-1·4	1·5	1·0	-0·3	0	0	0	0	0	0	0	0	0	0
Ranchi ...	78·1	+4·6	82	6 days	51·0	-0·1	46	4 days	0	0·09	-0·83	0·07	11	0	-1·8	1·9	1·0	-2·5	2	0	0	0	0	0	0	0	0	0
Hazaribagh ...	76·8	+4·0	81	30	50·5	+0·2	44	13,14	0	0·25	-0·64	0·20	11	1	-0·9	5·7	4·4	-0·8	2	0	0	1	0	0	0	0	0	0
Hazaribagh(C.W.) ...	77·2	...	82	16	49·8	...	43	19	0	0·25	...	0 21	11	1	...	2·5	1·3	...	3	0	0	1	0	0	0	0	0	0
Daltonganj ...	79·4	+3·5	84	5 days	48·1	+0·6	42	14	0·06	0·55	-0·37	0·41	11	2	+0·1	2·6	1·5	-0·3	2	0	0	1	0	0	0	0	0	0
Dhanbad ...	80·5	...	85	16	54·3	...	48	13	0·06	0·07	...	0·06	11	0	...	4·4	3·8	...	2	0	0	0	20	0	0	0	0	0
Bihar																												
Purnea ...	78·5	+3·8	82	6 days	47·1	-0·6	41	13	0	0	-0·41	0	...	0	-0·8	3·1	1·5	+0·1	0	0	0	0	0	0	0	0	0	0
Darbhanga ...	77·6	+3·3	81	4 days	50·4	+0·6	46	13	0	0	-0·44	0	...	0	-1·0	0·7	0·2	-1·2	0	0	0	0	0	0	0	0	0	0
Motihari ...	76·4	+3·3	81	26, 27 30	47·7	+0·8	43	13,18	0	0	-0·47	0	...	0	-1·1	1·0	1·4	-0·1	0	0	0	0	29	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0	-0·52	0	...	0	-1·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0	-0·57	0	...	0	-1·3	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	0	-0·67	0	...	0	-1·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	78·5	+5·5	83	4,26, 28	52·9	+1·8	48	13	0·01	0·01	-0·58	0·01	9	0	-1·3	3·7	3·0	+0·8	1	0	0	0	1	0	0	0	0	0
Patna (Aerodrome)	78·5	...	83	28	48·3	...	42	7,13	0·01	0·01	...	0·01	9	0	...	3·9	2·7	...	1	0	0	0	7	0	0	0	0	0
Dehri	79·4	...	85	3	53·0	...	45	14	0	0	-0·68	0	...	0	-1·5	4·0	2·7	...	0	0	0	0	0	0	0	0	0	0
Gaya	79·5	+5·2	84	25,29, 30	50·9	+1·7	45	19	0	0	-0·72	0	...	0	-1·3	3·8	2·5	-0·7	0	0	0	0	0	0	0	0	0	0
Jamui	80·0	...	84	25,29	51·1	...	45	13	0	0	...	0	...	0	...	4·4	2·3	...	0	0	0	0	0	0	0	0	0	0
Dumka	80·7	+4·7	85	30	...	...	...	...	0	·0	-0·67	0	...	0	-1·3	2·3	1·5	+0·2	0	0	0	0	0	0	0	0	0	0
Sabour	78·0	+4·0	81	7 days	47·8	+2·8	42	13	0	0	-0·54	0	...	0	-1·1	3·9	2·0	-1·1	0	0	0	0	0	0	0	0	0	0
Bhagalpur	80·4	...	85	27	54·2	...	48	13	0	0	...	0	...	0	...	3·5	2·3	...	0	0	0	0	0	0	0	0	0	0
U. P., East																												
Gonda	76·5	+2·7	81	27,28, 29	47·9	+2·1	43	6,13	0	0·09	-0·42	0·09	8	0	-1·2	3·9	2·5	-0·2	1	0	0	1	0	0	0	0	0	0
Gorakhpur	76·6	+3·6	81	4 days	52·0	+3·5	47	13	0	0·62	+0·03	0·82	3	1	-0·3	2·2	1·1	0	1	0	0	0	0	0	0	0	0	0
Azamgarh	78·7	...	84	4 days	48·3	...	43	13	0·01	0·01	...	0·01	8	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Banaras	77·9	+3·7	84	24,25	49·4	+1·3	42	14	0	0	-0·74	0	...	0	-1·6	...	...	...	0	0	0	0	0	0	0	0	0	0
Banaras (Balbatpur Aerodrome)	78·0	...	85	25	48·0	...	42	14	0·04	0·04	...	0·04	9	0	...	(m) 6·2	(m) 4·3	...	1	0	0	0	4	0	0	0	0	0
Allahabad (Bamrauli)	77·9	+3·1	85	25	49·3	+2·2	43	12,14, 19	0·03	0·05	-0·80	0·03	9	0	-1·1	3·2	2·4	-0·2	1	0	0	0	1	0	0	0	0	0
Fatehpur	77·7	+2·5	85	26, 28	48·9	+2·5	42	12,19	0	0·02	-0·52	0·02	8	0	-1·4	5·0	2·4	+0·4	1	0	0	2	0	0	0	0	0	0
Banda	80·0	...	87	28	49·5	...	44	19	0	0·11	...	0·11	8	1	...	2·8	1·6	...	1	0	0	0	1	0	0	0	0	0
Orai	78·2	...	86	24, 26, 25	48·9	...	41	19	0	0·05	...	0·05	8	0	...	4·9	3·8	...	1	0	0	0	4	0	0	0	0	0
Kanpur	78·2	+6·3	86	27,28	50·3	+4·6	45	13,14, 19	0	0·06	-0·50	0·06	8	0	-1·4	5·3	4·5	+2·2	1	0	0	2	0	0	0	0	0	0
Lucknow	78·2	+4·3	86	25	49·6	+2·5	44	14	0	0·22	-0·54	0·14	3	1	-0·5	3·6	1·4	+0·2	2	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	76·4	...	83	25	46·7	...	41	14,18, 19	0	0·23	...	0·16	3	1	...	4·4	2·8	...	1	0	0	2	1	0	0	0	1	0
Hardoi	77·0	...	84	25	47·4	...	42	19	0	0	...	0	...	0	...	4·7	2·0	...	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	76·6	...	82	27	48·5	...	43	13	0	0·19	...	0·16	8	1	...	2·7	1·7	...	2	0	0	1	0	0	0	0	0	0
Bahraich	77·1	+4·5	83	27,28	48·9	+1·8	43	12	0·04	0·42	-0·40	0·30	3	1	-0·6	3·9	2·6	+1·0	2	0	0	1	0	0	0	0	0	0
U. P., West																												
Jhansi	79·4	+3·3	89	25,28	49·3	+1·9	43	18	0	0·30	-0·24	0·30	8	1	-0·2	4·5	3·7	+1·5	1	0	0	0	0	1	0	0	0	0
Agra	75·1	+2·6	83	24,25	47·9	+3·6	42	13	0	0	-0·51	0	...	0	-1·2	3·0	1·6	-1·1	0	0	0	0	0	0	0	0	0	0
Mainpuri	77·3	+4·1	85	25	47·3	+1·7	40	5	0	0·03	-0·54	0·03	8	0	-1·3	...	...	...	1	0	0	0	0	0	0	0	0	0
Aligarh	74·8	+3·9	83	25	46·0	+0·8	40	5	0·27	0·27	-0·19	0·27	8	1	-0·2	...	...	...	1	0	0	0	0	0	0	0	0	0
Bareilly	75·3	+4·5	82	25	49·5	+3·2	44	4 days	0	0·10	-0·89	0·10	8	1	-0·9	3·1	1·8	+0·3	1	0	0	0	5	0	0	0	0	0
Meerut	72·6	+2·7	81	24,25	47·1	+2·1	42	4,5,19	...	0·44	-0·81	0·44	8	1	-1·5	...	3·6	...	1	0	0	0	0	0	0	0	0	0
Roorkee	70·6	+2·2	78	24,25	45·7	+2·0	42	6 days	0·18	1·11	-0·56	0·54	2	2	-0 8	4·1	3·0	+1·2	4	0	0	4	0	0	0	0	0	0
DehraDun	68·5	+2 4	75	24	44·2	+0·2	39	3	1·11	3·00	-0·68	1·49	8	4	+0·1	1·8	1·5	0	5	0	0	3	0	0	0	0	0	0
Punjab (I)																												
New-Delhi	73·7	+3·2	84	24	46·4	+3·1	40	4	0·19	0·37	-0·62	0·23	8	2	0	6·7	5·0	...	3	0	0	2	1	0	0	0	0	0
Hissar	74·8	+4·6	87	24	42·0	+0·6	36	5	0	0·05	-0·45	0·05	2	0	-1·4	3·2	3·4	+0·1	1	0	0	2	0	0	0	0	0	0
Karnal	72·6	...	81	24	45·8	...	41	4	0·13	0·69	...	0·39	2	3	...	3·4	3·1	...	3	0	0	0	1	0	0	0	0	0
Ambala	72·9	+3·8	81	24	46·8	+3·4	42	4 days	0 42	1·34	+0·02	0 80	2	3	+0·5	5·2	4·5	+2·0	3	0	0	0	0	0	0	0	0	0
Patiala	71·6	...	82	24	46·4	...	41	5,26	0·32	1·62	+0·14	0·93	2	3	0	5·9	4·8	...	4	0	0	1	0	0	0	0	0	0
Ludhiana	72·4	+5·5	83	23	43·8	+0·1	39	5,12	0	1·12	-0·39	0·77	2	2	-0·7	0·9	0·3	-1·0	3	0	0	2	1	0	0	0	0	0
Ferozepur	70·4	...	81	23	40·7	...	34	5	0	0·22	...	0·22	7	1	...	...	...	...	1	0	0	2	0	0	0	0	0	0
Amritsar	67·8	...	77	24	40·7	...	34	-20	0·73	1·25	..	0·68	8	2	...	5·6	5·4	...	5	0	0	3	4	0	0	0	0	0
Pathankot	68·7	...	79	22,23	45·0	...	39	17	0·74	2·16	...	1·40	3	4	...	2·9	2·1	...	5	0	0	1	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	35 9	-5·1	50	31	28·0	+0·7	22	18	1·87	3·29	+0·39	1·75	8	6	-0·1	1·3	1·2	-1·0	9	0	0	0	2	0	0	0	0	0
Gulmarg	...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg	...	...	...	...	...	...	...	...	...	3·00	-7·30	0·86	13	6	-5·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	28·9	-0·5	38	30	7·6	-0·4	-3	15	0	0·18	-0·20	0·18	14	1	0	3·5	2·6	+1·5	1	4	0	0	1	0	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez	..	...	...	...	...	...	...	...	0	0·48	-4·95	0·20	25	2	-7·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	62·5	-2·6	71	23,24, 25	49·6	+1·8	44	5,6,7	0	2·50	+0·21	1·00	2	4	+0·6	...	...	...	5	0	0	0	0	0	0	0	0	0

(m) Mean of 18 days.

(R) Register not Received.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JANUARY 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	73·0	+5·2	85	23	40·7	+2·6	35	11,16	0	0·13	−0·32	0·13	...	1	−0 3	2·6	2·4	-1·1	1	0	0	0	1	0	0	0	0	0
Bikaner ...	75·6	+4·2	88	23	41·7	+0·8	35	12,16	0	0	−0·27	0	...	0	−0·8	2·7	1·8	−1·2	0	0	0	0	0	0	0	0	0	0
Jaisalmer ...	76·6	...	87	21	48·1	...	36	9	0	0	...	0	..	0	...	7·4	6·1	...	0	0	0	0	0	0	0	0	0	0
Jodhpur ...	78·8	+2·5	89	4days	50·8	+2·2	37	3	0	0	−0·15	0	...	0	−0·3	5·2	4·5	−2·4	0	0	0	0	0	0	0	0	0	0
Phalodi ..	74·9	...	87	22	45·1	...	39	4 days	0	0	−0·14	0	...	0	−0·5	6·4	4·5	...	0	0	0	0	0	0	0	0	0	0
Barmer ...	79·9	+3·5	91	21	52·9	+2·9	42	8	0	0	−0·18	0	...	0	−0·4	5·6	5·1	+0·4	0	0	0	0	0	0	0	0	0	0
Rajasthan, East																												
Sikar ...	75·7	...	86	22	45·8 (f)	...	32	4	0	0	...	0	...	0	...	5·3	3·8	...	0	0	0	0	0	0	0	0	0	0
Jaipur ...	76·0	+2·8	85	25	49·1	+2·3	38	17	0·01	0·26	−0·18	0·25	7	1	0	3·9	3·5	0	2	0	0	1	0	0	0	0	0	0
Jaipur (Sanganer) ... (Aerodrome)	75·2	...	84	25	48·8	...	38	18	0	0·34	...	0·34	7	1	...	7·5	7·2	...	1	0	0	1	0	0	0	0	0	0
Ajmer ...	75·9	+3·2	85	24,25	45·9	+0·2	37	3	0	0·05	−0·32	0·05	7	0	−1·0	3·9	2·2	+0·6	1	0	0	0	0	0	0	0	0	0
Kotah ...	81·5	+4·4	90	4days	52·9	+1·8	48	4,9	0	0·07	−0·17	0·07	7	0	−0·6	2·4	1·6	+0·3	1	0	0	0	0	0	0	0	0	0
Jhalawar ...	81·3	+3·2	90	25	48·0	+0·1	42	12,13	0	0	−0·28	0	...	0	−0·7	3·8	2·2	+0·2	0	0	0	0	0	0	0	0	0	0
Udaipur ...	78·3	+2·5	87	21	46·3	−1·2	39	4	0	0·03	−0·17	0·03	8	0	−0·4	2·4	1·4	...	1	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	77·5	...	86	25,27	45·9	...	39	4 days	0	0·03	...	0·03	8	0	...	5·1	3·0	...	1	0	0	0	0	0	0	0	0	0
Sheopur Kalan ...	80·6	...	89	26	46·1	...	40	3,12, 18	0	0·04	...	0·04	8	0	..	3·1	2·4	...	1	0	0	0	0	0	0	0	0	0
Guna ...	81·5	+4·4	88	25	45·0	−0·7	36	18	0	0·02	−0·24	0·02	8	0	−1 2	5·7	2·3	+0·2	1	0	0	1	0	0	0	0	0	0
Neemuch ...	80·8	+3·7	88	25	50·5	+1·9	40	9	0	0·04	−0·16	0·04	7	0	−0·4	4·0	3·6	−0·4	1	0	0	0	0	0	0	0	0	0
Ratlam ...	82·7	...	89	26	51·8	...	41	2	0	0	...	0	...	0	...	7·0	5·5	...	0	0	0	0	0	0	0	0	0	0
Indore ...	82·2	+2·7	86	21,25	48·8	−0·6	40	3	0	0	−0·24	0	...	0	−0·5	7·1	3·8	+0·1	0	0	0	0	0	0	0	0	0	0
Bhopal ... (Bairagarh)	81·3	+2·0	86	25,29	51·1	+1·3	42	12	0	0	−0·24	0	...	0	−0·8	6·8	5·7	+0·6	0	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	80·1	+5·2	88	25	45·3	−1·3	38	18	0	0·03	−0 56	0·03	8	0	−1·5	3·1	1·5	+0·4	1	0	0	0	1	0	0	0	0	0
Sutna ...	80·3	+5·3	86	25,29	48·1	0	41	18,19	0·04	0·12	−0·71	0·08	8	0	−1·8	3·3	2·1	0	2	0	0	0	0	0	0	0	0	0
Umaria ...	80·8	+3·8	86	2,3	46·8	+0·3	39	13,19	0	0	−1·01	0	...	0	−2·1	2·1	1·1	−1·0	0	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	84·3	...	87	16,17	53·8	...	47	13	0	0	...	0	...	0	...	2 9	1·3	...	0	0	0	0	0	0	0	0	0	0
Pendra ...	78·2	+3·6	83	16	53·3	+2·7	45	12	0·07	0·11	−0·74	0·09	11	0	−1·7	5·1	3·2	+0·4	2	0	0	0	0	0	0	0	0	0
Raigarh ...	85·5	...	88	16,17, 18	55·3	...	48	19	0	0	...	0	...	0	...	1·8	1·7	...	0	0	0	0	0	0	0	0	0	0
Ambikapur ...	77·2	...	81	2,16	45·9	...	38	19	0	0·50	...	·036	11	2	...	5·1	3·7	...	2	0	0	1	0	0	0	0	0	0
Champa ...	84·2	...	88	17	55·8	...	48	13	0	0	...	0	...	0	...	3·3	3·0	...	0	0	0	0	0	0	0	0	0	0
Raipur ...	83·0	+1·4	87	16	56·7	+0·9	51	13	0	0	−0·37	0	...	0	−0·8	3·5	2·5	−0·3	0	0	0	0	0	0	0	0	0	0
Kanker ...	83·9	+1·3	88	11	51·7	−0·6	45	19,20	0	0·36	+0·16	0·36	10	1	+0·5	1·5	1·1	−0·7	1	0	0	0	0	0	0	0	0	0
Chanda ...	86·9	+1·7	91	16	53·5	−1·9	45	20	0	0	−0·31	0	...	0	−0·5	2·2	1·5	−0·1	0	0	0	0	0	0	0	0	0	0
Sironcha ...	87·5	...	92	18	57·4	...	51	14,19, 20	0	0	...	0	...	0	...	3·1	2·0	...	0	0	0	0	0	0	0	0	0	0
Jagdalpur ...	84·3	+2 5	88	11,16	50·0	−0·4	43	20,28	0	0	−0·39	0	...	0	−0·7	3·0	1·5	+0·2	0	0	0	0	0	0	0	0	0	0
Jagdalpur ... (P.B.O.)	84·5	...	89	18	51·8	...	45	20	0	0	...	0	...	0	...	2·8	1·6	...	0	0	0	0	2	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	83·8	...	88	18	60·7	...	55	9	0	0	...	0	...	0	...	5·8	4·8	...	0	0	0	0	0	0	0	0	0	0
Akola ...	88·5	+2·4	92	11,18	54·4	−0·5	48	13	0	0	−0·35	0	...	0	−0·7	3·9	2·9	+0·2	0	0	0	0	0	0	0	0	0	0
Amravati ...	87·0	+2·2	92	18	60·2	+1·1	55	1	0	0	−0·37	0	...	0	−0·8	5·7	5·4	+1·8	0	0	0	0	0	0	0	0	0	0
Yeotmal ...	85·7	...	89	16,18	60·4	...	55	26	0	0	...	0	...	0	...	7·0	6·0	...	0	0	0	0	0	0	0	0	0	0
Khandwa ...	87·5	+2·7	90	5days	51·9	−0·7	43	13	0	0	−0·31	0	...	0	−0·6	4·5	3·3	+0·6	0	0	0	0	0	0	0	0	0	0
Hoshangabad ...	84·2	+3·8	89	17	52·5	−1·7	47	13	0	0·08	−0·32	0·08	8	0	−0·9	3·1	1·9	−0·2	1	0	0	0	0	0	0	0	0	0
Sagar ...	79·6	+2·9	85	8,25, 28	55·4	+2·9	47	12	0	0·01	−0·56	0·01	8	0	−1·3	5·5	8·5	+0·2	1	0	0	0	0	0	0	0	0	0
Jabalpur ...	83·1	+5·7	88	26	48·5 (a)	+0·6	40	19	0	0	−0·82	0	...	0	−1·7	3·6	2·2	+0·8	0	0	0	0	0	0	0	0	0	0
Mandla ...	82·1	...	85	5days	43·7	...	35	13	0·08	0·08	...	0·08	11	0	...	0·8	0·2	...	1	0	0	0	0	0	0	0	0	0
Seoni ...	81·6	+2·8	87	17	51·6	−0·3	44	13	0	0	−0·55	0	...	0	−1·2	4·9	2·9	+0·5	0	0	0	0	0	0	0	0	0	0
Chhindwara ...	81·6	...	85	17,23	50·0	...	42	13	0	0	...	0	...	0	...	4·4	2·3	...	0	0	0	0	0	0	0	0	0	0
Betul ...	82·4	...	85	15	49·2 (a)	...	40	13	0	0	...	0	...	0	...	4·3	2·9	...	0	0	0	0	0	0	0	0	0	0
Nagpur ...	85·9	+2·2	91	16	53·3	−2·7	47	13	0	0	−0·37	0	...	0	−0·8	4·0	2·6	...	0	0	0	0	0	0	0	0	0	0
Gujarat																												
Deesa ...	85·1	...	94	21	50·5	...	43	9	0	0	...	0	...	0	...	4·6	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	92·7	+5·9	101	19,20	58·4	+0·6	52	3,4,9	0	0	−0·11	0	...	0	−0·2	...	3·8	+1·0	0	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days

(f) Mean of 25 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean Minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat–*contd.*																												
Ahmedabad ...	86·6	+2·3	94	4 days	53·9	+1·0	43	3	0	0	-0·02	0	...	0	-0·1	6·6	3·9	+1·4	0	0	0	0	0	0	0	0	0	0
Dohad ...	85·4	+1·3	91	14,23	54·7	+2·7	42	3	0	0	=0·09	0	...	0	-0·2	7·2	5·5	+3·0	0	0	0	0	0	0	0	0	0	0
Baroda ...	88·2	+1·9	96	25	51·4	+1·8	41	3	0	0	-0·06	0	...	0	-0·1	2·9	2·1	-0·6	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	88·7	...	96	25	55·2	...	43	3	0	0	...	0	...	0	...	6·6	4·8	...	0	0	0	0	0	0	0	0	0	0
Broach ...	91·3	...	97	7 days	55·5	...	46	9	0	0	...	0	...	0	...	4·9	3·8	...	0	0	0	0	1	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	82·7	+3·3	93	21,2	52·6	+0·3	43	3	0	0	-0·08	0	...	0	-0·2	4·8	2·8	-1·3	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	4·3	2·5	...	0	0	0	0	0	0	0	0	0	0
Dwarka ...	80·3	+2·4	91	20	61·0	+1·5	54	4,12	0	0	-0·10	0	...	0	-0·3	10·8	8·5	+0·3	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	81·0	+0·5	91	21	52·3	+2·0	43	4	0	0	-0·05	0	...	0	-0·1	...	8·7	...	0	0	0	0	1	0	0	0	0	0
Rajkot ...	86·4	+3·1	96	21	52·7	+1·7	40	4	0	0	-0·04	0	...	0	-0·1	7·6	5·7	+1·6	0	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome) ...	85·9	...	96	21	51·9	...	40	4	0	0	...	0	...	0	...	...	8·0	...	0	0	0	0	1	0	0	0	0	0
Veraval ...	84·2	...	93	19	55·7 (a)	...	...	...	0	0	-0·04	0	...	0	-0·1	8·8	7·1	+2·3	0	0	0	0	0	0	0	0	0	0
Bhavnagar ...	87·3	+3·3	94	4,25	52·6	-1·4	42	10	0	0	-0·09	0	...	0	-0·1	5·1	3·5	-0·1	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	85·1	...	93	24	54·8	...	46	4	0	0	...	0	...	0	...	...	8·1	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	84·0	...	94	26,27	63·2	...	56	3	0	0	...	0	...	0	...	9·8	6·8	...	0	0	0	0	0	0	0	0	0	0
Bombay–(Colaba) ...	87·0	+3·8	95	26	66·9	+0·2	61	4 days	0	0	-0·14	0	...	0	-0·2	6·6	5·4	-1·2	0	0	0	0	0	0	0	0	0	0
Bombay–(Santa Cruz Arodrome) ...	88·8	+4·6	96	25	59·4	-0·2	52	11	0	0	-0·14	0	...	0	-0·2	...	...	...	0	0	0	0	0	0	0	0	0	0
Bombay–(Juhu Aerodrome) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	7·6	4·4	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	83·4	+0·8	89	20	63·4	-0·1	59	10	0	0	-0·05	0	...	0	-0·2	...	2·2	-2·4	0	0	0	0	0	0	0	0	0	0
Harnai ...	82·7	...	91	28	71·8	...	66	9	0	0	...	0	...	0	...	9·2	7·4	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri ...	88·9	...	96	19,26	66·3	...	62	1,15, 22	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad ...	87·1	...	94	26	69·2	...	65	1,2	0	0	...	0	...	0	...	8·7	7·9	...	0	0	0	0	0	0	0	0	0	0
Vengurla ...	90·5	...	95	26,27, 30	65·0	...	58	21	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Marmagao ...	86·1	+0·2	92	27	71·4	+1·1	68	1,2	0	0	0	0	...	0	0	7·4	6·3	+0·7	0	0	0	0	0	0	0	0	0	0
Honavar ...	90·5	...	66	18,19, 26	69·2	...	63	2	0	0	-0·05	0	...	0	-0·1	4·1	3·4	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	0	0	-0·10	0	...	0	-0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon ...	89·3	...	93	14	52·0	...	43	3	0	0	-0·34	0	...	0	-0·6	5·2	3·9	...	0	0	0	0	0	0	0	0	0	0
Malegaon ...	88·3	+2·1	92	15	51·4	-1·0	47	3,4,12	0	0	-0·17	0	...	0	-0·3	3·8	2·5	-1·1	0	0	0	0	0	0	0	0	0	0
Deolali ...	85·7	...	89	6,20	51·0	...	43	11	0	0	...	0	...	0	...	...	2·8	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar ...	87·6	+3·1	91	18	54·7	+1·5	48	22,23	0	0	-0·21	0	...	0	-0·4	5·7	4·0	+0·3	0	0	0	0	3	0	0	0	0	0
Poona ...	88·5	+2·0	92	14	53·4	+0·4	47	23	0	0	-0·06	0	...	0	-0·2	2·6	1·1	-2·6	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	88·0	...	91	20	55·3	...	50	2,23	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur ...	88·5	...	92	19,20	56·2	...	49	2	0	0	...	0	...	0	...	6·4	4·0	...	0	0	0	0	0	0	0	0	0	0
Sholapur ...	89·8	+2·4	96	4	60·5	+1·2	53	21	0	0	-0·15	0	...	0	-0·3	...	...	...	0	0	0	0	0	0	0	0	0	0
Miraj ...	89·0	+2·8	92	5 days	59·2	+1·6	51	2	0	0	-0·01	0	...	0	-0·1	7·7	5·6	+1·2	0	0	0	0	0	0	0	0	0	0
Kolhapur ...	88·2	...	92	20	59·4	...	53	1,2	0	0	...	0	...	0	...	7·9	5·4	...	0	0	0	0	0	0	0	0	0	0
Bijapur ...	87·6	+1·4	91	6 days	59·9	-0·3	51	21	0	0	-0·18	0	...	0	-0·2	4·3	2·7	-0·1	0	0	0	0	0	0	0	0	0	0
Belgaum ...	84·8	+0·9	87	4	58·4	+0·7	50	2	0	0	-0·12	0	...	0	-0·2	2·6	3·9	+1·1	0	0	0	0	0	0	0	0	0	0
Gadag ...	88·0	+2·7	92	16	62·4	+0·9	58	20	0	0	-0·17	0	...	0	-0·2	6·1	4·5	-0·1	0	0	0	0	0	0	0	0	0	0
Gadag (P.B.O.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hyderabad, North																												
Aurangabad ...	87·0	+2·3	90	19,20, 22	56·8	+0·1	50	22	0	0	-0·29	0	...	0	-0·5	6·1	5·1	+0·5	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	86·2	...	89	12,20, 22	48·2	...	41	22	0	0	...	0	...	0	...	5·9	3·6	...	0	0	0	0	0	0	0	0	0	0
Parbhani ...	87·8	...	91	18	56·1	...	51	1,22, 25	0	0	-0·36	0	...	0	-0·7	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam ...	89·3	...	93	16	58·2	...	50	21	0	0	...	0	...	0	...	2·8	2·5	...	0	0	0	0	0	0	0	0	0	0
Nizamabad ...	87·3	+1·1	91	16	56·0	-1·6	48	20	0	0	-0·20	0	...	0	-0·4	3·8	2·5	+0·4	0	0	0	0	0	0	0	0	0	0
Bidar ...	83·9	+0·1	89	16	62·5	+0·4	57	1	0	0	-0·22	0	...	0	-0·5	7·3	5·8	-0·6	0	0	0	0	0	0	0	0	0	0
Hyderabad, South																												
Gulbarga ...	87·7	+0·4	92	17	59·5	-0·5	50	21	0	0	-0·21	0	...	0	-0·3	7·3	5·6	+0·9	0	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitition (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South–*Contd.*																												
Raichur ...	86·8	0	91	16,17	65·5	+0·8	59	20	0	0	−0·13	0	...	0	−0·2	5·5	5·5	+0·1	0	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	86·4	+1·7	91	16,17	56·5	−2·2	51	2,20, 21	0	0	−0·31	0	...	0	−0·5	5·4	3·8	+0·6	0	0	0	0	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	84·4	...	90	16	56·6	...	51	20,21	0	0	...	0	...	0	...	6·7	5·0	...	0	0	0	0	0	0	0	0	0	0
Hanamkonda ...	86·1	+1·1	91	16,17	61·8	−0·1	56	14,20	0	0	−0·40	0	...	0	−0·7	5·1	3·5	−0·1	0	0	0	0	0	0	0	0	0	0
Khammameth ...	89·0	...	93	17	63·3	...	59	28,30	0	0	...	0	...	0	...	4·2	3·2	...	0	0	0	0	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	87·0	+1·8	90	13	66·8	−0·7	63	21,22	0	0	−1·31	0	...	0	−1·4	6·1	3·8	+1·0	0	0	0	0	0	0	0	0	0	0
Ongole ...	84·9	...	89	13,15	66·6	...	63	6	0	0	...	0	...	0	...	4·8	3·4	...	0	0	0	0	0	0	0	0	0	0
Gannavaram ...	86·5	...	94	15	65·4	...	61	1,30	0	0	...	0	...	0	...	8·3	5·7	...	0	0	0	0	1	0	0	0	0	0
Masulipatam ...	82·8	−0·2	87	13	66·6	+0·6	63	30	0	0	−0·20	0	...	0	−0·3	9·2	6·5	+2·6	0	0	0	0	0	0	0	0	0	0
Kakinada ...	81·2	+0·1	83	4 days	65·8	−0·6	62	30	0	0	−0·28	0	...	0	−0·5	8·4	6·9	+1·4	0	0	0	0	0	0	0	0	0	0
Visakhapatnam ...	84·4	−0·4	88	18	62·6	−1·6	57	17	0	0	−0·43	0	...	0	−0·5	6·0	3·6	+0·7	0	0	0	0	0	0	0	0	0	0
Calingapatam ...	80·3	−1·5	88	31	63·1	−1·4	58	14,15	0	0	−0·22	0	...	0	−0·6	7·7	5·8	+1·0	0	0	0	0	0	0	0	0	0	0
Rentachintala ...	89·1	+1·9	95	16,17	63·6	+1·9	59	30	0	0	−0·01	0	...	0	0	4·1	2·9	−0·4	0	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	82·3	...	85	5 days	60·4	...	55	1	0	0	...	0	...	0	...	5·7	3·5	...	0	0	0	0	0	0	0	0	0	0
Cuddapah ...	89·6	+1·5	93	4 days	67·3	+1·6	61	11,18	0	0	−0·39	0	...	0	−0·6	6·2	5·2	−1·4	0	0	0	0	0	0	0	0	0	0
Bellary ...	87·3	−0·5	91	16,17	63·7	+1·4	60	15	0	0	−0·10	0	...	0	−0·3	4·7	2·6	−0·1	0	0	0	0	0	0	0	0	0	0
Kurnool ...	88·8	+0·4	94	17	62·3	+0·7	57	18,30	0	0	−0·15	0	...	0	−0·3	4·8	3·5	+0·6	0	0	0	0	0	0	0	0	0	0
Anantapur ...	87·8	...	91	16,17	60·2	...	55	1,11	0	0	−0·24	0	...	0	−0·3	7·4	6·9	...	0	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	87·6	...	93	17	73·0	...	69	16,17	1·98	2·21	+0·50	1·04	4	4	+1·3	8·1	5·7	...	7	0	0	0	0	0	0	0	0	0
Pamban ...	81·9	−0·7	84	10	75·6	+1·1	72	15	0·84	5·44	+2·87	2·82	23	6	+2·0	11·7	11·9	+2·1	7	0	0	0	0	0	0	0	0	0
Mathurai ...	87·5	+1·7	90	17	70·3	+1·9	63	16	0	0·90	+0·12	0·50	3	3	+1·5	5·9	4·1	−0·4	4	0	0	0	0	0	0	0	0	0
Nagapattinam ...	81·4	−0·9	82	19 days	73·0	+1·2	69	5 days	1·48	2·47	−0·26	0·95	29	7	+4·0	10·3	10·5	+2·6	10	0	0	0	0	0	0	0	0	0
Tiruchirapalli ...	87·4	+0·5	90	4 days	69·7	+1·5	64	15	0·64	0·81	−0·18	0·64	30	2	+0·3	7·9	6·0	+0·6	5	0	0	0	0	0	0	0	0	0
Coimbatore ...	86·4	+0·4	90	17	67·4	+2·5	62	17	0	0·12	−0·51	0·07	30	0	−1·1	6·6	4·6	+2·0	2	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	86·0	...	90	17	65·1	...	56	19	0	0·10	...	0·09	30	0	...	9·9	6·9	...	2	0	0	0	0	0	0	0	0	0
Salem ...	89·9	+1·8	93	14,17, 23	68·2	+3·2	59	17	0	0·02	−0·27	0·02	30	0	−0·7	4·7	6·8	+2·9	1	0	0	0	0	0	0	0	0	0
Kallakurichi ...	86·3	...	90	14	69·4	...	63	15,16	0·21	0·33	...	0·26	29	1	...	...	...	...	4	0	0	0	0	0	0	0	0	0
Cuddalore ...	82·2	−0·5	83	15 days	69·6	+0·7	64	17 22	0·04	0·81	−1·54	0·40	28	5	+2·6	6·6	6·7	+2·2	5	0	0	0	0	0	0	0	0	0
Vellore ...	85·1	+1·2	90	15	65·3	+1·1	57	17	0	0	−1·45	0	...	0	−2·1	9·4	4·4	+2·0	0	0	0	0	0	0	0	0	0	0
Madras ...	84·1	−1·2	86	13,14	69·5	+2·4	65	4 days	0·07	0·22	−1·19	0·11	28	1	−0·7	10·8	7·5	+1·5	4	0	0	0	0	0	0	0	0	0
Madras (Nungambakkam) ...	83·1	...	86	5	69·9	...	63	21	...	0·05	...	0·04	29	0	...	...	4·0	...	2	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	89·5	+0·4	95	19	71·3	+0·7	67	1,2,20	0	0	−0·11	0	...	0	−0·2	7·5	5·6	+0·8	0	0	0	0	0	0	0	0	0	0
Kozhikode ...	93·3	+5·4	96	27,29, 30	72·1	+1·2	66	20	0	0	−0·35	0	...	0	−0·6	7·7	6·1	+0·9	0	0	0	0	0	0	0	0	0	0
Palghat ...	92·8	...	96	17	72·5	...	67	15,16	0	0·24	...	0·24	3	1	...	9·6	7·0	...	1	0	0	0	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	84·3	−0·5	88	10,16	63·0	+0·4	58	26	0	0	−0·25	0	...	0	−0·3	6·9	4·6	0	0	0	0	0	0	0	0	0	0	0
Shimoga ...	88·0	...	92	10,11	58·1	...	50	1	0	0	...	0	...	0	...	5·9	3·4	...	0	0	0	0	10	0	0	0	0	0
Hassan ...	83·3	+0·5	86	4 days	58·4	+1·4	53	1	0	0	−0·17	0	...	0	−0·3	6·1	4·2	+1·1	0	0	0	0	3	0	0	0	0	0
Bangalore (Central Observatory) ...	81·1	+0·8	84	15,16 17	59·5	+2·2	53	1	0	0	−0·24	0	...	0	−0·5	8·0	6·6	+1·5	0	0	0	0	0	0	0	0	0	0
Bangalore (Aerodrome) ...	82·4	...	86	16	59·5	...	54	1,22	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Mysore ...	84·0	−0·2	87	3,17	62·1	+1·3	56	15	0	0	−0·14	0	...	0	−0·3	9·7	7·4	+1·5	0	0	0	0	1	0	0	0	0	0
Balehonnur ...	82·3	+1·4	85	11	58·6	+0·2	52	1	...	0·14	+0·09	0·09	4	0	−0·2	...	...	...	2	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	87·9	+1·0	91	26,27	74·1	+0·6	68	20	0	0	−0·89	0	...	0	−1·1	6·4	5·2	+1·1	0	0	0	0	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	88·8	...	93	29	71·7	...	65	20	0	0	...	0	...	0	...	5·1	3·0	...	0	0	0	0	0	0	0	0	0	0
Alleppey ...	90·6	...	95	6,27, 29	73·0	...	65	20	0	0·41	...	0·35	10	1	...	7·2	4·7	...	4	0	0	1	0	0	0	0	0	0
Trivandrum ...	88·5	+0·1	93	20	72·8	+0·9	68	16,17	0·07	0·24	−0·55	0·14	4	1	−0·7	4·5	3·2	+0·4	5	0	0	1	0	0	0	0	0	0
Nagercoil ...	90·0	...	93	4 days	74·8	...	68	16	0·06	0·68	...	0·62	4	1	...	9·4	8·3	...	2	0	0	0	0	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather Phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	...	...	...	...	54·4	...	49	13	0·04	0·31	...	0·24	12	1	...	4·9	4·3	...	3	0	0	0	1	0	0	0	0	0
Shillong ...	61·6	+1·5	69	4	39·9	+1·1	36	5	0	0·12	−0·40	0·12	12	1	−0·1	53·	2·3	+0·8	1	0	0	0	0	0	0	0	0	0
Cherrapunji ...	61·9	+1·6	66	20	47·2	+1·1	43	17	0	0·28	−0·47	0·28	12	1	−0·5	5·7	4·6	+1·1	1	0	0	0	0	0	0	0	0	0
Darjiling ...	51·6	+4·6	66	20	36·6	+1·2	32	12,13	0	0·02	−0·51	0·02	23	0	−1·2	4·6	3·9	+1·3	1	0	0	0	3	0	0	0	0	0
Darjiling (Raj Bhawan) ...	53·5	...	65	19,26	38·7	...	33	12	0	0	...	0	...	0	...	1·7	1·3	...	0	0	0	0	31	0	0	0	0	0
Kalimpong ...	62·1	+2·7	66	28	48·2	+2·0	41	12	0	0	−0·41	0	...	0	−0·9	5·5	4·9	−1·8	0	0	0	0	0	0	0	0	0	0
Katmandu ...	66·7	+2·1	73	31	34·2	−2·0	29	7	0·09	0·16	−0·22	0·07	4,8	0	−0·8	1·5	1·0	−0·2	3	0	0	0	15	0	0	0	0	0
Mukteswar (Kumaon) ...	53·9	+4·1	66	19,20	39·3	+3·8	31	2,3,4,	0·20	1·25	−0·91	0·74	8	2	−1·6	8·2	8·8	−3·2	5	0	0	0	1	0	0	0	0	0
Lokpal ...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	1·50	...	1·00	2	2	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	55·1	+5·6	66	19	39·7	+2·8	25	3	1·10	2·18	−0·53	1·07	8	4	−1·0	5·1	4·7	+0·3	6	2	5	4	1	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	0·47	...	0 12	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	1·90	...	0·70	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	50·0	+2·5	65	19	38·5	+3·1	26	3	0·78	2·60	−0·01	0·83	2	4	−0·8	3·3	3·2	−0·5	8	4	1	2	0	0	6	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	3·07	+0·30	1·05	8	5	+1·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	3 49	−0·98	1·27	7	5	−0·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	4·55	...	1·90	7	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	3·64	...	1·30	7	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	5·99	...	1·67	14	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	56·2	...	71	20	38·0	...	27	3,4,5	2·66	5·94	−1·18	2·30	8	6	−1·4	0·7	1·0	...	6	3	0	0	0	0	0	0	0	0
Dharamshala ...	61·2	...	70	21	46·5	...	33	2	0·89	2·97		1·80	8	4	...	...	...	...	6	1	0	1	0	0	0	0	0	0
Pachmarhi ...	75·8	+3·8	78	8,21	46·6	−1·1	37	12	0	0·02	−0·62	0·02	8	0	−1·2	3·2	2·2	−0·2	1	0	0	0	0	0	0	0	0	0
Abu ...	71·3	+5·4	79	22,24	50·8	+0·1	38	3	0	0·02	−0·24	0·02	7	0	−0·6	3·8	3·6	−0·9	1	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	78·3	+3·9	83	13	58·1	+1·0	53	2	0	0	−0·14	0	...	0	−0·2	5·6	5·9	0	0	0	0	0	0	0	0	0	0	0
Nandi Hills ...	73·2	...	77	12,24	55·3	...	51	1	...	0	...	0	...	0	...	...	...	...	0	0	0	0	8	0	0	0	0	0
Mercara ...	76·5	−0·6	81	24	58 5	+1·3	54	14	0	0	−0·16	0	...	0	−0·3	7·5	6·1	+2·1	0	0	0	0	0	0	0	0	0	0
Kodaikanal ...	62·5	+0·3	69	21,23	47·8	+1·2	44	16,19	0·32	0·88	−2·31	0·51	30	2	−2·0	9·4	9·5	+0·9	7	0	0	0	4	0	0	0	0	0
Ootacamund ...	68·6	+2·7	75	27	44·7	+1·7	37	11	0·07	0·78	−0·51	0·69	3	1	−0·8	3·6	3·4	−0·7	3	0	0	0	2	0	0	0	0	0
Coonoor ...	63·9	−2·3	70	10	50·9	+3·9	46	10	...	2·05	−0·41	0·83	3	5	+2·3	...	3·7	+0·5	6	0	0	1	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	0·99	...	0·46	11	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	0·61	...	0·36	9	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	24·3	...	22	8,18	...	1·66	...	0·81	11	5	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tibet																												
Yung (Chumbi) ...	53·1	+7·9	64	19	18·6	−1·0	12	1	...	0	−0·56	0	...	0	−1·7	...	...	...	0	0	0	0	0	0	0	0	0	0
Lhasa * ...	56·1	...	58	22	15·8	...	6	13	0	0	...	0	...	0	...	...	1·0	...	0	0	0	0	0	0	0	0	0	0
Gyantse ...	46·5	+4·2	54	17	7·9	0	−4	13	...	0	−0·01	0	...	0	0	...	3·2	−0·9	0	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	85·5	−1·4	90	31	72·1	+0·2	65	16	1·87	8·09	+4·30	1·92	3	7	+1·7	...	...	...	12	0	0	5	0	0	0	0	0	0
Trincomalee ...	79·9	−2·2	82	8,30	75·4	+0·8	71	12	6·05	18·36	+11·54	4·95	3	10	+1·9	...	...	...	16	0	0	0	0	0	0	0	0	0
Batticoloa ...	81·0	...	83	4 days	74·3	...	70	2,14 15	9·07	21·65	...	5·74	24	13	...	...	...	...	18	0	0	0	0	0	0	0	0	0
Hambantota ...	84·2	−0·5	98	17,19	73·0	+0·7	67	14	1·72	4·91	+0·96	1·19	6	9	+3·0	...	...	...	11	0	0	0	0	0	0	0	0	0
Mannar ...	82·5	...	88	30	74·9	...	70	15	1·92	4·12	...	2·41	3	6	...	...	...	...	11	0	0	0	0	0	0	0	0	0
HYDROMETEROLOGICAL OBSERVATORIES																												
Damodar Catchment																												
Bokaro ...	80·3	...	85	5,30	47·1	...	40	13	0·12	0·16	...	0·12	12	1	...	3·3	2·4	...	3	0	0	0	0	0	0	0	0	0
Hazaribagh ...	75·2	...	80	16	50·8	...	44	13,14	0	0·39	...	0·32	11	1	...	6·2	3·6	...	2	0	0	1	0	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	85·3	...	88	25,26	50·3	...	43	20	0	0	...	0	...	0	...	2·4	1·1	...	0	0	0	0	0	0	0	0	0	0
Hirakud ...	85·3	...	89	17	54·3	...	49	4	0	0	...	0	...	0	...	1·9	1·6	...	0	0	0	0	0	0	0	0	0	0
Barkachhar ...	84·2	...	89	11	50·2	...	44	14,20	0	0	...	0	...	0	...	3·6	1·2	...	0	0	0	0	0	0	0	0	0	0
Sonepur ...	84·1	...	87	4 days	55·7	...	49	13,14	0	0	...	0	...	0	...	...	1·5	...	0	0	0	0	0	0	0	0	0	0
Ginabahar ...	82·8	...	86	16	...	...	...	...	0	0·30	...	0·30	9	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Jonk ...	83·0	...	86	16,17, 27	53·1	...	46	13	0	0	...	0	...	0	...	2·6	2·1	...	0	0	0	0	0	0	0	0	0	0

* Observations for 24 days.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JANUARY 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	59·2	...	72	19	39·5	...	30	3	0	1·27	...	0·72	8	2	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Badrinath ...	...	...	...	...	...	closed	dur-	-ing	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa ...	87·5	...	90	6 days	52·2	...	42	13	0	0	...	0	...	0	...	4·1	3·0	...	0	0	0	0	0	0	0	0	0	0
Bagra Tawa ...	83·3	...	88	2,7	48·8	...	40	12	0	0·04	...	0·04	8	0	...	4·4	2·5	...	1	0	0	0	0	0	0	0	0	0
Thikri ...	88·0	...	94	7	58·2	...	50	5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment.																												
Nandurbar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol ...	80·8	...	89	21	41·0	...	35	8,11, 12	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Dharoi ...	86·2	...	94	25,27	56·6	...	44	3	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0

(R) Register not received

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1012·0	1003·0	...	76·4	73·0	71·3	26·1	84	...	4·1	...	6·6	0	0	28	3	16	9	0	0	0	0	0	3
	0830	,,	1013·8	1004 9	0	82·8	77·0	72·0	28·8	70	− 1	4·4	+1·0	8·6	0	3	28	3	21	7	0	0	0	0	0	0
	1130	,,	1012·5	1003·7	...	85·0	76·2	71·8	26·6	65	...	4·3	...	9·3	0	2	29	4	19	8	0	0	0	0	0	0
	1730	,,	1011·2	1002·3	...	82·1	73·8	71·2	24·4	77	...	4·3	...	7·1	0	0	31	0	24	7	0	0	0	0	0	0
	2330	,,	1012·9	1004·0	...	77·8	73·2	71·2	26·0	81	...	3·2	...	7·9	0	1	28	0	22	7	0	0	0	0	0	2
Assam																										
Dibrugarh ...	0830	348	1019·2	1006·4	0	62·4	58·6	55·5	14·9	79	-12	1·7	-2·4	1·6	0	0	25	3	4	14	1	1	0	0	2	6
	1730	,,	1014·7	1002·2	...	64·1	59·9	56·7	16·0	77	...	0·7	...	0·3	0	0	4	0	1	2	0	0	1	0	0	27
Dibrugarh(Mohanbari Aerodrome) ...	0530	364	1018·0	1004·6	...	50·1	49·7	49·0	11·9	97	...	2·1	...	0·1	(j) 0	0	1	0	1	0	0	0	0	0	0	20
	0830	,,	1019·5	1006·4	...	60·5	57·3	54·6	14·8	81	...	2·0	...	2·3	0	0	23	0	15	7	0	0	0	0	1	8
	1130	,,	1017·5	1004·6	...	70·0	61·0	53·1	14·3	57	...	1·5	...	3·5	(i) 0	0	21	0	17	3	0	0	0	1	0	1
	1730	,,	1015·1	1002·2	...	63·5	59·0	55·8	15·0	74	...	1·1	...	0·3	0	0	4	1	2	0	0	1	0	0	0	27
	2330	,,	1017·8	1004·6	...	54·4	53·4	52·6	13·5	94	...	1·5	...	0·3	(m) 0	0	3	2	0	1	0	0	0	0	0	15
Sibsagar ...	0830	317	1019·3	1007·8	+0·3	60·1	58·3	56·8	15·7	88	− 5	2·6	-3·8	1·7	0	0	23	2	5	1	2	7	3	0	3	8
	1730	,,	1014·8	1003·4	...	65·4	61·8	59·3	17·3	80	...	0·6	...	1·4	0	0	18	2	1	1	0	0	0	2	12	13
Tezpur ...	0830	258	1019·2	1009·8	+0·2	58·2	56·4	54·9	14·5	89	+ 1	1·2	-1·5	2·0	0	0	29	0	6	22	1	0	0	0	0	2
	1730	,,	1014·6	1005 4	...	68·2	62·7	58·7	16·9	73	...	0·2	...	0·6	0	0	9	0	3	6	0	0	0	0	0	22
Tezpur (P.B.O.) ...	0530	257	1017·0	1007·6	...	52·2	51·7	51·2	12·9	97	...	1 3	...	0·3	0	0	4	0	3	1	0	0	0	0	0	27
	0830	,,	1019·3	1010·0	...	61·0	57·6	55·0	14·6	81	...	1·4	...	1·5	0	0	17	2	7	7	1	0	0	0	0	14
	1130	,,	1017·0	1007·9	...	71·2	62·4	55·9	15·0	59	...	0·7	...	3·3	0	0	28	1	6	13	7	0	1	0	0	3
	1730	,,	1014·8	1005·6	...	65·9	61·0	57·3	16·0	74	...	0·7	...	0·3	0	0	3	0	1	2	0	0	0	0	0	28
	2330	,,	1017·0	1007·6	...	56·3	55·3	54·4	14·5	94	...	0·5	...	0·4	0	0	2	0	1	0	1	0	0	0	0	29
Gauhati ...	0830	182	1018·4	1012·2	+0·5	59·9	58·1	56·5	15·5	89	+ 1	1·1	-0·9	2·0	0	0	30	10	4	5	3	4	0	0	4	1
	1730	,,	1013·4	1006·9	...	68·9	62·4	57·8	16·3	68	...	2·0	...	0·3	0	0	4	0	0	2	1	0	1	0	0	27
Gauhati (Kaikuchi Aerodrome) ...	0530	162	1016·0	1010·0	...	51·2	50·8	50·4	12·4	97	...	0·5	...	0·7	0	0	6	1	2	0	2	0	0	1	0	25
	0830	,,	1018·3	1012·4	...	61·3	59·1	57·4	16·4	87	...	0·8	...	2·3	0	0	19	3	11	1	1	0	2	0	1	12
	1130	,,	1016·2	1010·4	...	72·6	64·0	58·0	16·6	61	...	0·4	...	4·8	0	0	31	7	15	0	0	0	2	0	7	0
	1730	,,	1014·1	1008 4	...	65·7	61·4	58·5	16·4	77	...	1·3	...	0·3	0	0	5	0	0	1	0	1	0	2	1	26
Dhubri ...	0830	115	1018·8	1014·6	+0·8	61·7	59·0	57·0	16·0	84	0	1·0	-0·7	3·9	0	0	28	4	20	3	0	0	0	1	0	3
	1730	,,	1014·7	1010·6	...	69·5	61·7	55·9	15·0	62	...	0·9	...	1·7	0	0	18	1	7	3	0	0	4	3	0	13
Silchar ...	0830	96	1018·4	1004·9	+0·3	62·2	58·9	56·1	15·3	81	- 2	1·4	-0·4	0·4	0	0	6	0	1	4	1	0	0	0	0	25
	1730	,,	1014·2	1010·8	...	71·9	64·2	58·8	17·2	64	...	1·0	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Tura ...	0830	1215	1018·8	975·8	...	61·4	57·3	53·5	14·3	75	...	0·7	...	1·7	(b) 0	0	21	0	2	13	4	2	0	0	0	8
	1730	,,	1014 9	972·9	...	66·6	63·2	61·1	18·1	83	...	1·8	...	2·3	(b) 0	0	29	0	2	13	11	2	1	0	0	0
Lumding ...	0830	...	...	...	...	62·8	60·4	59·1	16·8	86	− 4	...	...	2·4	0	0	31	10	1	0	9	6	0	3	2	0
West Bengal																										
Dum Dum ...	0530	33	1015·3	1014·2	...	57·1	54·6	52·2	13·5	85	...	0 7	...	2·9	0	0	30	8	3	1	1	1	1	5	10	1
	0830	,,	1017·7	1016·6	...	64·7	58·5	53·1	11·2	67	...	1·7	...	3·5	0	1	27	12	3	3	0	1	1	0	8	3
	1130	,,	1016·8	1015·7	...	76·9	63·7	50·9	13·3	41	...	2·0	...	5·6	0	0	31	11	4	2	1	0	1	5	7	0
	1730	,,	1014·0	1012·8	...	74·7	62·8	53·5	14·1	48	...	1·6	...	2·6	0	0	30	8	1	1	1	2	2	3	12	1
	2330	,,	1015·9	1014·7	...	61·8	57·9	54·5	14·6	78	...	0·5	...	2·8	0	0	27	3	4	5	3	2	5	0	5	4
Calcutta ...	0830	21	1017·9	1017·1	+0·3	64 4	60·2	56·7	16·1	78	- 4	1·1	-0·7	0·8	0	0	8	6	1	0	0	0	0	0	1	23
	1730	,,	1014·1	1013·4	...	73·1	64·3	57·9	16·4	59	...	1·7	...	0	0	0	1	1	0	0	0	0	0	0	0	30
Saugor Island ...	0830	10	1017·0	1016·6	-0·3	68·8	63·6	59·1	18·0	72	− 8	1·8	-0·4	7·2	0	2	29	11	10	1	0	0	0	1	8	0
	1730	,,	1013·6	1013·3	...	72·8	65·4	61·0	17·9	67	...	2·3	...	7·3	0	1	30	4	3	0	1	7	12	1	3	0
Sandheads ...	0530	32	1014·8	1013·7	...	73·0	66·4	62·1	19·3	70	...	2·3	...	6·1	0	4	20	9	1	0	1	2	4	3	4	7
	0830	,,	1017·0	1015·9	-0·4	74·1	67·0	62·5	19·5	68	+ 5	2·8	+1·0	5·3	0	3	22	10	2	0	0	1	3	1	8	6
	1130	,,	1016·4	1015·3	...	75·2	67·1	61·8	19·2	64	...	2·8	...	4·8	0	4	21	12	3	0	1	0	2	1	6	6
	1730	,,	1014·1	1013·0	...	75·8	66·6	60·4	18·4	60	...	3·3	...	2·3	0	0	18	3	0	3	2	1	4	2	3	13
	2330	,,	1015·3	1014·2	...	73·6	66·4	61·5	19·1	67	...	0·2	...	2·7	0	2	16	4	1	0	3	5	3	0	2	13
Midnapore ...	0830	149	1017·7	1012·3	...	66·6	58·2	51·2	12·7	59	- 5	1·4	-0·4	2·7	0	0	27	18	5	3	0	0	0	0	1	4
	1730	,,	1014·1	1008·7	...	76·6	63·1	52·8	13·6	45	...	1·5	..	1·1	0	0	14	6	6	0	1	0	1	0	0	17
Contai* ...	0830	35																								
	1730	,,																								
Burdwan ...	0830	106	1017·4	1013·5	-0·4	63·9	57·3	51·1	13·2	64	− 6	0·6	-1·2	2·7	0	0	24	8	6	0	2	4	1	0	3	7
	1730	,,	1013·6	1009·9	...	74·4	64·2	56·7	16·2	55	..	0·5	...	1·1	0	0	15	3	1	0	0	1	3	5	2	16
Krishnagar ...	0830	48	1017·8	1016·1	+0·3	61·8	58·0	55·2	14·6	79	+ 6	1·1	-0·2	1·7	0	0	24	6	5	0	0	3	0	7	3	7
	1730	,,	1014·3	1012·6	...	73·7	64·5	58·6	16·8	59	...	1·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Asansol ...	0530	414	1015·9	1001·0	...	56·6	52·3	48·1	11·3	74	...	0·4	...	2·1	0	0	21	0	0	0	0	1	0	2	18	10
	0830	,,	1018·1	1003·3	+0·5	62·5	55·6	49·1	11·9	62	− 4	0·9	-1·0	4·0	0	0	27	2	0	1	0	0	0	6	18	4
	1130	,,	1016·6	1003·2	...	76·7	61·5	49·4	12·0	39	...	0·9	...	3·9	0	0	24	5	1	1	2	0	0	4	11	7
	1730	,,	1013·7	999·3	...	75·9	61·2	49·1	12·0	40	...	0·9	...	1·5	0	0	13	2	0	0	1	0	0	1	9	18
	2330	,,	1016·3	1001·5	...	62·7	55·6	49·1	12·0	61	...	0·3	...	1·2	0	0	12	1	0	0	1	0	0	0	10	19
Berhampore ...	0830	62	1017·9	1015·6	0	60·6	56·5	53·2	13·9	77	0	0·9	-0·9	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1014·0	1011·8	...	74·3	64·0	56·9	15·5	55	...	0·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Malda ...	0830	103	1018·2	1014·5	+0·5	64·0	57·8	52·5	13·8	67	− 5	0·7	-0·3	2·7	0	0	23	7	3	1	1	0	1	2	8	8
	1730	,,	1014·1	1010·4	...	72·7	62·6	54·9	15·0	54	...	0·7	...	1·4	0	0	16	2	0	0	0	0	0	2	12	15
Cooch-Behar* ...																										
Jalpaiguri ...	0830	271	1018·6	1008·6	+0·6	57·1	55·2	53·4	14·0	88	+ 2	0·4	-1·0	1·6	0	0	20	16	2	0	0	0	0	0	2	11
	1730	,,	1014·1	1004·5	...	72·5	63·5	56·9	15·9	58	...	0·6	...	1·0	0	0	15	0	2	1	1	3	6	1	1	16

(i) Mean of 22 days. (j) Mean of 21 days. (m) Mean of 18 days. (b) Mean of 29 days. * Observations not recorded.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (*Contd.*)–																										
Jalpaiguri (P.B.O.) ...	0530	271	1016·3	1006·2	...	54·2	53·4	52·3	13·4	94	...	0·3	...	1·2	0	0	17	14	1	1	0	0	0	0	1	14
	1130	,,	1017·3	1007·6	...	72·9	62·9	55·3	15·1	54	...	0·1	...	2·7	0	0	31	1	5	11	5	6	2	1	0	0
	2330	,,	1016·6	1006·7	...	59·0	57·3	55·8	15·5	89	...	0·5	...	1·4	0	0	20	13	2	0	0	0	1	0	4	11
	0530	416	1016·1	1000·7	...	50·5	49·8	49·1	12·1	95	...	0·5	...	1·4	0 (a)	0	11	8	1	0	0	0	1	0	1	19
Bagdogra ...	0830	,,	1018·3	1003·4	...	61·5	57·3	53·9	14·4	76	...	0·8	...	1·5	0 (a)	0	16	10	1	1	0	1	1	0	2	14
	1130	,,	1016·8	1003·7	...	74·3	62·2	52·8	13·8	47	...	0·5	...	4·5	0 (j)	0	20	0	2	7	7	1	2	0	1	2
	1730	,,	1014·1	999·4	...	67·4	61·2	56·5	15·9	69	...	1·6	...	0·3	0 (j)	0	3	1	0	0	0	0	1	1	0	19
Orissa																										
Balasore ...	0830	65	1017·6	1015·3	0	65·4	59·4	54·4	14·6	69	−3	2·6	+0·8	2·6	0	0	30	14	5	0	0	1	2	0	8	1
	1730	,,	1013·9	1011·6	...	73·3	63·7	56·5	15·9	57	...	3·0	...	0·8	0	0	10	0	0	0	5	3	2	0	0	21
Chandbali ..	0830	20	1018·5	1017·8	+0·9	67·6	63·5	60·7	18·3	78	+3	1·4	−0·4	2·2	0	0	30	10	2	1	0	0	0	3	14	1
	1730	,,	1014·9	1014·2	...	74·5	68·0	63·5	20·5	71	...	1·5	...	1·8	0	0	27	0	5	8	14	0	0	0	0	4
Puri ...	0830	20	1017·8	1017·1	+0·7	68·7	63·6	60·0	17·9	74	−3	2·3	+0·5	5·7	0	0	31	22	7	0	0	0	1	0	1	0
	1730	,,	1014·4	1013·7	...	75·9	67·7	62·5	19·7	64	...	2·6	...	8·1	0	0	31	0	0	1	13	16	1	0	0	0
Bhubaneswar ...	0830	150	1017·7	1012·2	...	68·4	63·0	58·9	17·1	73	...	2·5	...	2·9	0	0	26	5	4	2	1	0	2	3	3	5
	1130	,,	1016·7	1011·3	...	79·7	64·7	52·9	14·1	41	...	2·3	...	5·2	0	1	30	3	10	5	3	0	5	0	5	0
Cuttack ...	0830	87	1017·8	1014·7	+0·2	65·1	61·3	58·5	16·6	79	+1	2·3	+0·3	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1013·7	1010·7	...	78·7	65·9	56·8	15·8	48	...	2·5	...	0·1	0	0	1	0	0	0	0	0	1	0	0	30
Cuttack (P.B.O.) ...	0530	87	1015·5	1012·5	...	62·3	60·2	58·6	17·0	88	...	1·8	...	0·3	0	0	5	0	2	0	0	0	0	2	1	26
	0830	,,	1017·9	1014·9	...	66·9	62·8	60·1	17·8	79	...	2·7	...	1·3	0	0	18	2	4	2	2	0	0	7	1	13
	1130	,,	1016·7	1013·8	...	81·0	67·9	59·2	17·5	48	...	2·7	...	2·6	0	0	30	4	9	0	2	5	2	4	4	1
	1730	,,	1014·1	1011·2	...	78·4	67·4	60·4	17·9	54	...	2·4	...	0·7	0	0	8	0	0	2	3	0	2	1	0	23
	2330	,,	1016·1	1013·2	...	67·2	63·4	60·7	18·0	80	...	0·6	...	0·1	0	0	1	0	0	0	0	0	1	0	0	30
Gopalpur ...	0530	56	1015·5	1013·5	...	62·2	59·0	56·1	15·8	81	...	2·3	...	4·5	0	0	30	19	0	0	0	0	0	11	1	
	0830	,,	1017·8	1015·8	+0·7	68·3	67·1	57·6	16·5	69	−5	2·4	+1·0	5·2	0	0	30	18	0	0	0	0	0	12	1	
	1130	,,	1017·1	1015·2	...	80·3	68·2	60·1	18·2	52	...	2·2	...	5·2	0	0	29	6	3	6	9	3	1	1	0	2
	1730	,,	1014·3	1012·3	...	76·3	68·2	63·1	20·0	64	...	2·3	...	6·2	0	0	31	0	1	4	21	5	0	0	0	0
	2330	,,	1016·3	1014·3	...	67·8	63·7	60·7	18·5	79	...	0·8	...	3·5	0	0	28	11	0	0	0	0	2	5	10	3
Koraput ...	0830	2996	906·1	915·5	..	63·4	55·5	48·4	11·7	61	...	3·1	...	3·4	0	0	31	2	2	1	0	16	9	0	1	0
	1730	,,	903·2	912·5	...	72·8	58·5	45·8	10·8	44	...	3·0	...	5·8	0	0	31	19	2	1	0	2	0	4	3	0
Angul ...	0830	455	1018·5	1002·1	+0·8	61·9	56·9	52·4	13·5	72	−1	2·5	+0·2	3·1	0	0	28	1	0	0	0	0	2	19	6	3
	1730	,,	1014·0	998·2	...	79·3	62·5	48·2	11·5	35	...	2·4	...	2·1	0	0	22	2	2	2	4	3	3	3	3	9
Sambalpur ...	0830	486	1018·1	1000·7	+0·3	61·9	56·7	52·1	13·6	71	0	2·0	+0·2	1·6	0	0	18	4	10	2	0	0	0	0	2	13
	1730	,,	1013·7	996·9	...	79·8	64·0	50·7	13·1	39	...	2·3	...	1·4	0	0	18	2	0	3	1	3	4	2	3	13
Jharsuguda ...	0530	726	1016·2	989·8	...	54·9	51·8	49·0	11·9	81	...	0·5	...	0·8	0	0	10	8	2	0	0	0	0	0	0	21
	0830	,,	1018·3	992·4	...	62·9	56·1	50·0	12·1	63	...	1·8	...	3·2	0	0	26	15	8	2	0	0	0	1	0	5
	1130	,,	1016·8	991·7	...	76·4	61·3	49·6	11·8	40	...	1·7	...	3·3	0	0	28	14	5	2	3	3	0	0	1	3
	1730	,,	1013·6	988·5	...	74·6	60·1	47·2	11·3	39	...	2·3	...	0·2	0	0	3	1	1	0	0	0	0	1	28	
	2330	,,	1016·4	990·4	...	61·6	55·1	49·7	11·9	65	...	1·1	...	0·1	0	0	2	1	1	0	0	0	0	0	0	29
Titilagarh ...	0830	691	1018·0	993·4	...	63·2	57·5	53·2	13·8	68	...	1·9	...	0·3	0	0	4	0	1	0	1	1	1	0	0	27
	1730	,,	1013·2	989·4	...	80·6	63·0	48·6	11·8	33	...	2·3	...	0·1	0	0	1	0	1	0	0	0	0	0	0	30
Chota Nagpur																										
Purulia ...	0830	835	1018·7	989·0	...	63·8	56·5	49·9	12·0	62	...	1·1	...	2·7	0	0	27	0	0	0	0	0	0	11	16	4
	1730	,,	1014·0	985·1	...	75·4	63·2	53·3	14·6	48	...	1·2	...	0·7	0	0	9	0	0	0	0	0	0	1	8	22
Jamshedpur ...	0830	423	1018·4	1003·2	+0·3	60·3	54·9	49·7	12·2	69	−5	1·6	−0·3	2·7	0	0	23	0	1	1	0	0	0	11	10	8
	1730	,,	1013·7	998·9	...	76·0	62·4	51·4	13·2	43	...	1·8	...	2·3	0	0	20	2	3	3	2	2	1	4	3	11
Jamshedpur (P.B.O.) ...	0530	423	1016·6	1001·2	...	54·0	52·0	50·0	12·3	84	...	0·6	...	0·8	0	0	8	1	0	0	0	1	0	3	3	23
	1130	,,	1016·8	1002·1	...	76·2	61·1	47·9	11·7	38	...	0·8	...	3·5	0	1	23	0	1	1	1	1	2	13	5	7
	2330	,,	1016·3	1001·1	...	60·0	56·3	53·2	14·0	79	...	0·8	...	1·5	0	0	16	1	0	1	2	1	0	9	2	15
Chaibasa ...	0830	742	1018·4	991·9	+0·7	60·3	55·0	49·5	12·2	68	−8	2·3	+0·3	1·2	0	0	17	1	2	0	0	0	13	1	0	14
	1730	,,	1013·3	987·9	...	77·0	61·6	48·2	11·7	38	...	2·3	...	0·2	0	0	3	1	2	0	0	0	0	0	0	28
Ranchi ...	0830	2150	903·8	943·2	+0·7	62·0	53·3	45·2	10·6	56	−3	0·6	−1·5	0·4	0	0	5	1	0	0	0	0	2	0	2	26
	1730	,,	902·5	940·8	...	70·4	57·8	47·5	11·3	45	...	0·6	...	0·3	0	0	4	2	0	0	0	0	0	1	1	27
Hazaribagh ...	0830	2006	903·8	948·3	+0·7	61·0	52·8	45·3	10·5	58	−2	1·5	−0·4	2·4	0	0	18	2	1	1	2	2	3	1	6	13
	1730	,,	901·7	945·4	...	68·9	55·9	43·9	10·0	42	...	1·2	...	4·7	0	0	30	11	1	0	0	1	0	1	16	1
Hazaribagh (C.W.) ...	0530	2008	900·8	946·0	...	51·2	47·8	44·1	9·7	77	...	0·5	...	0·9	0	0	9	0	0	0	2	1	0	2	4	22
	0830	,,	903·8	948·1	...	62·2	53·1	44·6	9·8	54	...	1·2	...	1·8	0	0	13	1	0	0	0	4	1	3	4	18
	1130	,,	904·2	947·6	...	72·6	57·6	44·4	9·5	37	...	1·2	...	3·7	0	0	30	12	0	0	0	3	1	4	10	1
	1730	,,	901·5	945·3	...	66·4	55·5	45·9	10·1	49	...	1·3	...	2·3	0	0	23	14	0	0	0	1	0	3	5	8
	2330	,,	901·9	946·9	...	54·9	49·7	44·4	10·3	68	...	0·8	...	0·9	0	0	10	4	1	0	0	0	0	1	4	21
Daltonganj ...	0830	725	1019·0	993·0	+0·5	60·0	53·6	46·8	11·1	62	−18	1·3	−0·3	1·6	0	0	21	0	4	11	3	0	2	1	1	10
	1730	,,	1013·9	988·7	...	74·0	60·6	48·7	11·9	42	...	1·4	...	1·9	0	0	20	1	3	2	1	0	1	6	6	11
Dhanbad ...	0830	839	1017·8	988·1	...	65·5	56·3	47·6	11·3	53	...	0·9	...	3·4	0	0	29	6	6	2	0	0	5	8	2	2
	1730	,,	1013·6	984·5	...	73·9	59·6	45·8	10·9	39	...	1·2	...	3·5	0	0	30	7	2	1	3	1	1	4	11	1
Bihar																										
Purnea ...	0830	124	1018·3	1013·8	+0·3	57·4	54·6	52·2	13·1	83	−2	0·3	−1·1	1·1	0	0	15	0	1	3	1	0	5	5	0	16
	1730	,,	1014·2	1009·8	...	68·1	60·9	55·2	15·3	64	...	0·4	...	0·2	0	0	3	0	0	0	0	0	1	2	0	28

(a) Mean of 30 days. (j) Mean of 22 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar — *Contd*																										
Darbhanga ...	0830	161	1018·5	1012·7	+0·6	57·0	55·2	53·5	13·9	89	+ 7	0·6	-1·0	1·0	0	0	15	0	2	4	0	0	2	6	1	16
	1730	,,	1014·5	1008 7	...	70·2	63·0	57·6	16·6	64	...	0·5	...	0·1	0	0	2	0	0	0	0	0	0	2	0	29
Motihari ...	0830	218	1018·5	1010·6	+0·9	60·8	57·6	55·1	15·0	81	+ 3	1·1	-0·9	1·2	0	0	26	0	0	7	1	0	0	0	0	15
	1730	..	1014·7	1006·8	...	65·5	61·1	57·9	16·3	77	...	0·4	...	0·4	0	0	5	0	0	1	0	0	0	4	0	26
Patna ...	0830	173	1018·3	1012·0	+0·1	60 5	54·7	49·3	11·9	67	− 4	0·6	-1·1	3·3	0	0	26	1	5	0	2	4	8	3	3	5
	1730	,,	1014·4	1008·3	...	72·6	60·6	50·5	12·7	46	...	0·9	...	3·0	0	0	25	0	3	0	1	3	4	10	4	6
Patna (Aerodrome) ...	0530	196	...	...	...	50·0	48·5	46·8	10·9	89	...	0·3	...	0·8	0	0	7	0	0	2	0	0	2	3	0	24
	0830	..	...	...	...	58·8	54·0	49·3	11·9	72	...	0·7	...	3 0	0	0	25	0	1	1	2	4	7	8	2	6
	1130	..	...	...	...	72·7	60·3	49·9	12·2	45	...	0·7	...	4·5	0	0	30	0	1	5	2	1	2	10	9	1
	1730	..	...	...	...	72·2	60·5	50·7	12·9	48	...	0·7	...	1·2	0	0	12	0	0	1	0	0	0	3	8	19
Dehri ...	0830	352	1018·8	1005·5	...	60·7	54·7	48·9	11·9	66	...	0·7	...	3·0	0	0	31	1	0	1	3	9	14	1	2	0
	1730	..	1014·0	1001·7	...	75·3	61·1	49·0	12·2	40	...	0·7	...	2·5	0	0	28	7	4	1	0	0	2	0	14	3
Gaya ...	0530	365	1015·9	1002·5	...	52·7	48·0	42 4	9·5	68	...	0·5	...	1·9	0	0	17	0	0	5	11	0	1	0	0	14
	0830	,,	1018·0	1004·8	-0·1	59·7	52·2	44·0	10·0	57	− 6	1·0	-0·7	3·4	0	0	25	0	0	2	8	12	1	0	2	6
	1130	..	1017·2	1004·4	...	75·1	59·2	43·9	10·0	34	...	0·7	...	4·8	0	1	23	2	1	3	1	0	6	10	1	7
	1730	..	1014·0	1001·2	...	73·0	59·0	46·0	10·8	39	...	1·0	...	4·0	0	1	22	2	2	0	0	0	0	8	11	8
	2330	,,	1016·3	1003·1	...	58·9	52·1	44·1	10·1	59	...	0·5	...	1·3	0	0	9	0	0	3	5	0	0	1	0	22
Jamui ...	0830	270	1018·4	1008·5	...	58·7	53·6	48·5	11·8	70	...	1·2	...	2·0	0	0	21	0	0	9	8	0	0	0	4	10
	1730	,,	1014·2	1004·6	...	72·5	61·5	53·3	13·7	52	...	1·2	...	2·1	0	0	19	0	0	1	0	0	0	1	17	12
Dumka ...	0830	489	1017·5	1000·0	-0·5	61·8	55·9	50·8	12·5	67	+ 1	0·8	-0·6	2·0	0	0	28	2	6	0	4	0	12	0	4	3
	1730	,,	1013·0	995·9	...	73·5	61·8	52·5	13·8	49	...	1·0	...	2·0	0	0	30	2	5	1	0	0	13	1	8	1
Sabour ...	0830	122	1018·2	1013·7	0	59·4	55·7	52·5	13·7	75	− 7	0·5	-1·3	1·4	0	0	18	0	0	1	2	6	4	4	1	13
	1730	,,	1014·2	1009·8	...	70·5	62·9	57·3	16·2	63	...	0·8	...	1·2	0	0	13	3	0	0	0	0	0	0	10	18
Bhagalpur ...	0530	160	1015·2	1009·6	...	55·9	53·1	50·3	12·4	83	...	0·2	...	1·2	0	0	12	0	0	0	0	3	5	4	0	19
	0830	,,	1017·7	1012·1	...	60·9	55·9	51·1	13·0	71	...	0·3	...	1·2	0	0	16	1	1	0	0	2	2	9	1	15
	1130	..	1017·1	1011·2	...	70·8	60·0	53·6	13·7	53	...	0·4	...	2·3	0	0	25	3	3	3	1	0	3	10	2	6
	1730	,,	1013·8	1008·3	...	70·9	62·0	55·0	14·8	58	...	0·5	...	2·5	0	0	24	3	1	0	0	0	0	13	7	7
	2330	,,	1015·8	1010·2	...	61·5	56·9	53·3	13·9	74	...	0·6	...	1·9	0	0	21	1	0	4	1	2	5	8	0	10
U. P. East																										
Gonda ...	0830	360	1018·2	1005·0	...	53·5	50·8	47·4	11·9	78	− 2	0·9	-1·4	1·5	0	0	15	0	0	4	1	0	1	7	2	16
	1730	..	1014·8	1001·1	...	70·5	60·6	52·6	13·7	54	..	1·2	...	0·5	0	0	4	0	0	1	0	0	0	3	0	27
Gorakhpur ...	0830	254	1017·6	1008·3	-0·1	57·6	53·8	50·3	12·5	76	− 3	0·9	-0·5	0·6	0	0	9	0	1	3	0	0	0	5	0	22
	1730	.	1014·2	1004·8	...	72·1	61·3	52·4	13·7	51	...	0·4	...	0·4	0	0	7	0	0	1	0	0	3	3	0	24
Gorakhpur (P.B.O.) ...	0530	257	1015·5	1006·1	...	51·6	50·0	48·4	11·6	89	...	0·8	...	1·9	0	0	11	0	2	1	0	0	0	7	1	20
	1130	..	1017·2	1008·2	...	71·9	61·4	53·1	13·9	52	...	1·3	...	4·6	0	2	25	1	2	2	2	8	7	4	1	4
	2330	.	1016·2	1006·7	...	56·6	54·1	51·7	13·2	85	...	0·4	...	1·9	0	0	12	1	1	2	0	0	4	4	0	19
Azamgarh ...	0830	255	1017·8	1008·4	...	55·9	52·5	50·5	11·9	79	...	1·0	...	0·5	0	0	6	0	1	1	0	0	1	3	0	25
	1730	..	1014·3	1005·4	...	70·2	62·3	56·3	15·4	62	..	0·6	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Banaras ...	0830	250	1018·1	1008·9	0	56·0	51·3	45·9	11·3	71	− 7	0·7	-0·9	2·7	0	0	26	0	3	3	0	2	16	2	0	5
	1730	,,	1014·6	1005·8	...	73·9	60·3	47·8	11·9	41	...	1·0	...	1·3	0	0	14	2	2	2	0	0	1	7	0	17
Banaras (Babatpur Aerodrome) ...	0530	280	1016·0	1005·7	...	49·6	47·5	45 4	10·5	79	...	0·7	...	3·4	0	0	26	0	1	3	0	2	8	8	4	5
	0830	,,	1018·4	1008·2	...	59·7	53·8	48·2	11·6	66	...	1·0	...	4·5	0	1	28	0	1	5	0	0	10	8	5	2
	1130	..	1018·0	1008·0	...	72·1	59·4	48·3	12·3	44	...	1·2	...	4·9	0	1	26	0	1	5	0	0	6	10	5	4
	1730	.	1013·1	1004·8	...	73·4	60·3	48·6	11·8	42	...	1·0	...	4·3	0	1	27	3	3	2	0	0	1	9	10	3
	2330	..	1016·7	1006·5	...	54·8	51·4	47·8	11·4	75	..	0·3	...	2·6	0	0	19	0	1	3	0	0	1	13	1	12
Allahabad (Bamrauli) ...	0530	322	1016·1	1004·3	...	51·6	48 9	46·3	11·1	82	...	0·6	...	2·1	0	0	18	0	2	2	2	3	4	3	2	13
	830	,,	1018·3	1006·5	0	57·2	52·2	46·9	11·0	69	-11	0·9	-1·4	3·1	0	0	22	0	2	3	0	3	7	7	0	9
	1130	,,	1017·9	1006·6	...	71·8	59·6	49·7	12·8	46	.	1·1	...	5·4	0	1	29	1	3	5	2	1	4	10	4	1
	1730	,,	1014·8	1003·4	...	72·8	60·9	50·5	12·9	47	...	1·4	...	2·7	0	0	19	2	2	3	0	0	0	9	3	12
	2330	,,	1016·7	1005·0	...	58·0	53·0	48·2	11·7	70	...	0·3	...	2·5	0	1	14	0	0	2	2	0	4	5	2	16
Fatehpur ...	0830	375	1018·6	1004·7	...	56·1	51·3	46·1	11·3	69	0	1·5	-0·4	1·7	0	0	17	0	1	4	1	0	1	8	2	14
	1730	,,	1014·5	1001·3	...	71·4	58·9	47·1	11·4	44	...	1·5	...	0·7	0	0	9	0	2	1	0	0	0	4	2	22
Banda ...	0830	398	1018·7	1004·2	...	55·5	50·9 (d)	45·2 (d)	10·5 (d)	66 (d)	...	0·9	...	1·4	0	0	15	0	0	2	2	1	1	9	0	16
	1130	..	1014·9	1000·1	...	74·6	62·2	52·1	13·4	48	...	0·8	...	0·9	0	0	13	0	0	2	1	0	0	10	0	18
Orai ...	0830	463	1018·4	1001·5	...	54·5	49·5	44·0	10·1	68	...	1·4	...	3·2	0	0	31	4	1	3	2	3	4	10	4	0
	1730	,,	1014·8	998·6	...	73·1	60·6	50·2	12·4	45	...	2·3	..	2·7	0	0	29	3	1	4	1	0	0	2	18	2
Kanpur ...	0830	414	1018 4	1003·4	+0 5	56·8	50·9	45·7	10·4	65	-13	1·2	-0·1	4·3	0	1	22	3	2	5	0	0	2	7	4	8
	1730	..	1014 9	1000·4	..	73 1	59·5	48·3	11·3	44	...	1·4	...	4·0	0	0	23	3	2	2	0	0	2	10	4	8
Lucknow ...	0530	371	1016·4	1002·8	...	50·9	49·0	47·1	10·9	87	...	1·3	...	1·5	0	0	9	0	0	1	1	0	1	3	3	22
	0830	..	1018·7	1005·2	+0·8	54·3	51·4	48·1	11·6	77	− 1	0·9	-0·9	1·4	0	0	19	1	0	4	0	0	0	13	1	12
	1730	..	1014·9	1001·8	...	71·7	60·8	51·2	13·1	50	...	1·2	...	1·7	0	0	20	2	1	2	1	0	6	5	3	11
Lucknow (Amausi Aerodrome) ...	0830	419	1018·1	1002·8	...	54·5	50·7	46·8	10·9	76	...	1·2	...	3·0	0	1	16	2	1	3	0	0	2	5	4	14
	1130	..	1018·1	1003·3	...	70·3	58·6	47·9	11·4	48	...	1·2	...	6·6	0	5	22	2	2	3	3	0	3	6	8	4
	1730	,,	1014·8	1000·2	...	71·1	59·5	49·7	12·2	48	...	1·6	...	5 0	0	0	25	0	1	3	0	0	2	9	10	6
Hardoi ...	0830	467	1017·1	999·7	...	51·2	48·3	45·2	10·1	80	...	1·2	...	3·0	0	1	25	3	2	2	1	1	3	8	6	5
	1730	,,	1014·1	997·6	...	71·5	59·9	50·5	12·5	48	...	1·3	...	2·6	0	0	25	3	1	2	1	0	3	6	9	6
Lakhimpur Kheri ...	0830	483	1018·3	1000·7	...	55·3	51·4	47 3	11·5	75	...	1·4	...	2·6	0	0	26	6	4	2	2	0	0	5	7	5
	1730	,,	1014·5	997·5	...	68·5	59·2	51·4	13·0	55	...	2·0	...	0·6	0	0	8	0	0	0	1	0	0	5	2	23
Bahraich ...	0830	407	1018·3	1003·5	+0·8	55·4	52·1	48·8	11·9	79	− 2	0·8	-0·7	1·4	0	0	17	1	2	3	2	0	2	4	3	14
	1730	,,	1014·6	1000·3	...	73·3	61·0	51·3	12·5	47	...	0·9	...	1·8	0	0	21	0	0	2	2	0	4	4	9	10

(d) Mean of 27 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1019·3	989·6	+0·6	57·0	49·6	41 9	8 8	58	− 4	1·4	−0 3	2·3	0	0	19	4	2	2	0	0	1	8	2	12
	1730	,,	1014·6	985·9	...	74·4	58·3	41·5	9·1	33	...	1·2	...	0·9	0	0	2	0	0	0	0	0	0	1	1	29
Agra ...	0830	553	1018·8	998·6	+0·4	51·6	47·4	42·5	9·3	73	+ 9	0·5	−1 7	0	0	0	1	0	1	0	0	0	0	0	0	30
	1730	,,	1015·3	995·6	...	72·8	58·0	42·7	9 9	35	...	0·5	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
Mainpuri ...	0830	516	1018·5	999·8	+0·4	53·2	49·3	44·8	10·1	74	+ 1	1·4	−0·8	1·5	0	0	18	0	2	1	1	0	0	9	5	13
	1730	,,	1015·2	996·9	...	71·9	60·0	49·5	12·3	47	...	1·5	...	1·9	0	0	19	0	1	3	0	0	0	10	5	12
Aligarh ...	0530	615	1016·1	994·8	...	48·5	46·0	42·8	9·7	81	...	1·2	...	0·7	0	0	6	0	0	1	0	0	0	1	4	25
	0830	,,	1018·9	996·4	...	51·0	47·5	43·6	9·6	77	+13	2·3	+0·8	0·9	0	0	9	0	0	2	0	1	0	6	1	22
	1130	,,	1018·5	997·0	...	67·9	57·4	47·7	11·5	48	...	1·7	...	2·9	0	0	14	2	0	2	1	0	1	1	7	17
	1730	,,	1015·4	993·8	...	69·9	59·0	48·7	12·1	49	...	1·6	...	0·6	0	0	7	0	0	1	0	0	0	3	3	24
	2330	,,	1017·6	995·3	...	54·5	50·1	45·3	10·5	73	...	1·3	...	1·0	0	0	7	0	0	1	0	0	0	2	4	24
Bareilly ...	0830	568	1018·0	997·1	+0·3	55·2	51·0	46·6	11·3	74	− 7	2·1	−0·2	1·9	0	0	15	1	0	3	2	0	0	4	5	16
	1730	,,	1014·5	994·4	...	68·7	58·4	49·1	13·2	51	...	2·2	...	1·0	0	0	11	1	0	3	0	0	1	5	1	20
Bareilly (P.B.O.) ...	0530	565	1015·8	995·1	...	52 1	50·3	48·4	11·6	87	...	0·6	...	2·8	0	0	23	2	0	5	0	0	0	6	10	8
	1130	,,	1017·9	997·7	...	67·2	57·1	48·1	11·5	51	...	2·3	...	4·7	0	1	27	0	2	2	5	1	0	6	12	3
	2330	,,	1016·7	996·3	...	57·8	54·0	50·5	12·6	77	...	0·8	...	2·6	0	0	23	0	3	3	0	0	0	5	12	8
Meerut ...	0830	728	1018·7	992·0	+1·0	51·2	48·4	45·3	10·3	80	+ 3	2·3	−0·3	1·6	0	0	20	1	0	4	1	0	0	2	12	11
Roorkee ...	0830	899	1018·5	985·6	+0·2	48·8	47·3	45·6	10·4	89	+ 6	2·4	−0·2	1·3	0	0	20	1	1	0	3	0	1	0	14	11
	1730	,,	1014·9	983·3	...	66·6	56·4	46·3	11·0	47	...	2·0	...	1·2	0	0	19	0	0	0	3	0	0	0	16	12
Dehra-Dun ...	0530	2,239	901·3	938·0	...	47·3	44·7	41 8	9·0	81	...	1·7	...	0·3	0	0	4	2	2	0	0	0	0	0	0	27
	0830	,,	903·0	939·7	+0·7	49 5	46·3	42·9	9·7	79	+ 6	2·5	−0·9	0·9	0	0	12	6	3	0	0	1	1	0	1	19
	1130	,,	904·6	940·4	...	62·6	53·1	43·6	10·2	51	...	2·7	...	1·2	0	0	19	0	0	0	1	2	8	6	2	12
	1730	,,	902·5	938·2	...	63·2	55·3	48·4	11·5	60	...	1·9	...	0·4	0	0	6	1	0	1	0	0	2	1	1	25
	2330	,,	901·9	938·7	...	51·8	48·2	44·6	10·2	76	...	2·3	...	1·5	0	0	18	7	10	1	0	0	0	0	0	13
Punjab (I)																										
New-Delhi ...	0530	710	1017·0	990·9	...	48·7	45·4	41·1	9·0	76	...	0·9	...	4·9	0	0	27	1	1	1	1	3	1	9	10	4
	0830	,,	1018·8	998·8	+0·4	50·5	46·3	41·0	9·2	70	+ 5	2·2	−0·4	5·7	0	1	26	0	0	0	2	2	3	14	6	4
	1130	,,	1018·9	998·4	...	67·2	55·3	43·9	9·4	44	...	1·7	...	8·5	0	8	23	2	0	4	2	0	2	7	14	0
	1730	,,	1015·5	990·4	...	69·1	56 8	44·8	10·0	43	...	1·9	...	6·3	0	1	29	5	3	4	2	0	0	3	13	1
	2330	,,	1017·7	992·0	...	54·4	49·5	43·8	9·6	69	...	0·8	...	4·2	0	1	26	4	2	3	2	1	0	5	10	4
Hissar ...	0830	725	1019·7	992·9	+0·6	46·2	4 ·5	37·2	7·5	71	+ 2	0·9	−1·3	3·8	0	0	26	2	2	1	2	3	5	6	5	5
	1730	,,	1015·8	990·5	...	73·1	57·6	42·1	9·2	34	...	1·0	...	3·5	0	0	25	4	1	1	2	2	1	4	10	6
Karnal ...	0830	8 8	1018·5	988·6	...	48·8	46 3	43·5	9·7	82	...	2·5	...	3·0	0	0	24	0	3	2	1	0	1	9	8	7
	1730	,,	1015·5	986·7	...	66·3	55·8	44·5	10·3	45	...	1·8	...	2·9	0	0	26	4	1	2	1	0	1	9	8	5
Ambala ...	0830	892	1017·5	985·1	−0·5	50·0	47·5	44·4	10·1	80	+ 5	1·6	−1·2	3·7	0	0	22	0	0	0	8	1	0	2	11	9
	1730	,,	1014·9	983·5	...	67·0	56·6	47·3	10·8	51	...	1·7	...	1·5	0	0	9	0	0	1	0	0	0	3	5	22
Ambala (P.B.O.) ...	0530	906	1016·5	983·7	...	52·5	50·0	47·5	11·2	83	...	1·7	...	4·0	0	1	23	3	1	1	0	0	0	1	18	7
	1130	,,	1018·7	986·4	...	61·6	53·9	46·5	10·7	59	...	2·6	...	5·4	0	1	24	2	0	3	6	0	0	3	11	6
	2330	,,	1017·4	984·9	...	57·2	52·5	47·8	11·4	72	...	2·2	...	4·1	0	0	26	4	1	3	1	0	0	2	15	5
Patiala ...	0830	822	1018·4	988·4	...	49·9	47·1	43·9	9·9	80	...	2·6	...	2·9	0	0	24	6	0	1	5	0	0	0	12	7
	1730	,,	1015·5	986·5	...	66·3	55·8	45·6	10·5	50	...	1·8	...	4·0	0	0	29	7	1	0	6	0	0	1	14	2
Ludhiana ...	0830	810	1018·8	988·9	+0·2	47·8	45·3	43·8	9·2	81	+ 2	2·3	−0·4	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1015·9	983·5	...	68·0	56·5	47·0	10·4	48	...	2·4	...	0·6	0	0	6	0	0	0	1	0	0	2	3	25
Ferozepur ...	0830	657	1019·6	995·1	...	45·2	43·1	41·6	8·5	88	...	2·5	...	0·4	0	0	6	0	4	0	0	0	0	2	2	35
	1730	,,	1017·3	993·8	...	66·9	55·7	45·4	10·4	46	...	2·2	...	0·2	0	0	3	0	0	0	0	0	0	3	3	28
Amritsar ...	0530	769	1017·9	989·5	...	43·9	43·2	42 6	9·4	95	...	1·4	...	4·3	0	0	28	7	7	2	0	1	2	3	6	3
	0830	,,	1019·4	990·9	...	44·9	44·0	43·0	9·3	93	...	2·3	...	3·9	0	0	25	4	3	4	1	1	2	3	7	6
	1130	,,	1019·7	992·1	...	60·2	53·6	47·3	11·1	64	...	2·5	...	4·6	0	0	29	6	6	3	1	2	0	4	7	2
	1730	,,	1016·7	989·3	...	63·8	56·0	48·9	11·7	60	...	2·4	...	5·0	0	1	26	3	3	1	0	1	0	8	11	4
Pathankot ...	0830	1128	1019·3 (g)	977·8	...	48·9	46·1	43·1	9·5	80	...	3·9	...	2·1	0	0	26	0	7	16	1	1	0	1	0	5
	1730	,,	1016·5 (f)	976·7	...	63·7	55·4	48·1	11·3	57	...	4·5	...	1·9	0	0	26	1	1	1	1	0	0	21	1	5
Jammu and Kashmir																										
Srinagar ...	0830	5,205	803·1	848·5	+2·9	29·7	28·5	26·7	5·3	88	+ 2	7·7	+1·1	1·5	0	0	11	0	0	1	5	1	1	0	3	20
	1130	,,	804·3	849·5	...	32·9	31·2	25·4	4 8	84	...	7·4	...	1·9	0	0	15	0	2	0	3	3	0	1	6	16
	1730	,,	802·4	847·4	...	33·9	31·9	29·1	5·5	83	...	7·1	...	2·6	0	0	18	2	3	0	10	1	0	1	1	13
Gulmarg ...	0830	8709	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R) ...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R) ...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	712·7	666·7	...	9·5	7·4	0·9	1·3	57	...	4·1	...	2·3	0	0	16	0	16	0	0	0	0	0	0	15
	0830	,,	712·3	669·3	+4·6	12·0	8·9	0·8	1·2	53	− 6	4·2	−1 2	0·5	0	0	3	0	2	0	0	0	1	0	0	28
	1730	,,	709·9	668·9	...	24·2	19·2	0·8	2·0	37	...	4·1	...	1·9	0	0	14	1	3	0	2	1	5	2	0	17
Skardu (R)	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	52·8	48·6	42·9	10·1	72	...	3·4	...	6·8	0	0	31	0	31	0	0	0	0	0	0	0
Rajasthan West																										
Sri Ganganagar ...	0830	580	1018·8	997·4	...	46·5	43·6	44·3	8·3	80	− 5	1·0	−2·2	1·0	0	0	13	1	5	2	2	0	0	2	0	18
	1730	,,	1016 2	996·2	...	68·0	55·8	44·6	9·9	43	...	0·6	...	1·1	0	0	16	2	2	0	0	0	1	4	7	15
Bikaner ...	0830	734	1019·1	992·1	+0·4	46·1	40·8	33·2	6·1	61	− 4	0·8	−1·4	1·0	0	0	11	0	2	0	2	1	3	0	3	20
	1730	,,	1015·5	989·9	...	73·4	54·3	30·3	6·3	21	...	1·3	...	3·0	0	0	28	0	13	0	3	0	1	0	11	3

(f) Mean of 25 days (g) Mean of 24 days (R) Register not received.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.) ...	0530	734	1018·0	990·9	...	45·4	42·5	38·5	7·7	77	...	1·3	...	0·3	0	0	4	0	1	0	0	1	0	1	1	27
	1130	,,	1019·4	993·3	...	67·6	57·0	47·0	7·0	49	...	1·3	...	2·5	0	0	19	1	2	6	2	3	0	5	0	12
	2330	,,	1018·4	991·7	...	54 2	48·2	40·9	8·7	63	...	1·2	...	0·9	0	0	10	2	5	1	0	0	0	1	1	21
Jaisalmer ...	0830	79	1016·7	987·6	...	53 6	45·9	37·0	7·4	53	...	1·2		5·5	0	1	25	1	20	0	0	0	2	0	3	5
	1730	,,	1014·9	987 1	...	73 3	59·3	47·9	10·8	41	...	1·5	...	7·7	0	3	27	3	19	0	0	0	3	0	5	1
Jodhpur ...	0530	73	1016·9	990·2	...	54 9	44·7	29·0	5·7	38	...	0·6	...	6 3	0	0	29	1	26	2	0	0	0	0	0	2
	0830	,,	1018·7	992·0	+2·0	54·7	45·0	30·5	6·2	40	− 7	1·5	−0·9	5·7	0	0	29	5	20	2	0	1	1	0	0	2
	1130	,,	1018·8	992·8	...	69·6	53·3	32·9	6·6	27	...	1·3	...	7·0	0	1	30	2	12	9	4	0	2	2	0	0
	1730	,,	1014·8	989·3	...	76·9	56·1	30·6	7·1	19	...	1·8	...	5·3	0	0	29	3	11	3	0	0	3	4	5	2
	2330	,,	1017·5	991·2	...	63·0	49·2	30·2	5·9	30	...	0·6	...	6·5	0	0	29	6	18	2	0	0	0	2	1	2
Phalodi ...	0830	794	1018·3	989·2	...	50·7	41·5	29·3	4·9	46	...	1·1	...	3·4	0	0	31	4	4	2	7	5	3	1	5	0
	173	,,	1015·2	987·4	...	75·0	55·7	32·3	6·9	24	...	1·4	...	7·2	0	1	30	12	7	2	1	0	2	3	4	0
Barmer ...	0530	633	1016·3	993·9	...	56·5	47·7	35·4	7·4	47	...	0·8	...	4·6	0	0	22	2	0	0	0	0	0	2	18	9
	0830	,,	1018·2	995·0	+0·5	55·8	47·2	36·0	7·3	49	− 2	1·5	−0·6	2·7	0	0	23	4	0	0	0	0	1	1	17	8
	1130	,,	1019·0	996·4	...	69·0	55·3	41·1	8·7	38	...	1·2	...	4·6	0	0	26	8	7	0	0	1	1	1	8	5
	1730	,,	1014·8	992·7	...	77·5	60·6	45·1	10·3	33	...	1·7	...	4·0	0	0	23	6	8	0	1	0	1	2	5	8
	2330	,,	1017·1	994·3	...	63·1	51·9	39·2	8·2	42	...	0·9	...	3·7	0	0	22	7	0	0	0	0	0	0	15	9
Rajasthan, East																										
Sikar ...	0830	141	1019·7	968·3	...	48·6	44·8	40·2	8·4	73	..	1·2	...	0·8	0	0	8	0	0	3	3	2	0	0	0	23
	1730	,,	1014·7	966 1	...	71·9	60·7	51·3	13·1	49	...	2·2	...	1·9	0	0	26	3	5	2	2	1	1	7	5	5
Jaipur ...	0830	1431	1019·0	968·0	+0·5	55·8	47·3	36·3	7·3	49	− 7	1·1	1 1	2·8	0	0	17	0	5	7	5	0	0	0	0	14
	1130	,,	1018·2	968·6	...	70·8	53·5	53·5	6·7	25	...	0·8	...	4·4	0	0	28	4	4	5	6	2	4	1	2	3
	1730	,,	1014·9	965·5	...	72·2	55·1	35·1	7·2	27	...	1·8	...	2·6	0	0	24	6	3	1	4	3	3	1	3	7
Jaipur (Sanganer Aerodrome) ...	0530	1282	1017·1	970·9	...	51·5	45·7	38·3	7·9	62	..	0·7	...	7·1	0	4	27	3	3	10	0	0	0	1	12	0
	0830	,,	1018·8	972·7	...	53·7	47·3	40·0	8·3	60	...	1·3	...	5·3	0	2	20	3	6	8	0	0	0	0	5	9
	1130	,,	1018·3	973·5	...	68·9	54·8	39·3	8·3	36	...	1·2	...	7·2	0	3	25	3	2	11	4	0	2	1	5	3
	1730	,,	1014 6	970 2	...	71·8	56·5	40·1	8·8	33	...	1·8	...	6·7	0	2	27	2	1	5	6	2	3	3	7	2
	2330	,,	1017·7	971·8	...	56·3	48·7	39·5	8·3	54	...	0·9	...	6·8	0	2	26	3	7	8	0	0	0	1	9	3
Ajmer ...	0830	1593	1020·0	962·7	+0·7	50·2	43·4	34·5	6·6	56	0	1·5	−0·4	1·2	0	0	14	3	3	2	1	0	1	2	2	17
	1730	,,	1014·7	960·0	...	72·3	53·4	31·8	5·7	24	...	1·4	...	1·9	0	0	20	4	4	1	4	0	2	4	1	11
Kotah ...	0530	843	1016·7	986·2	...	55·0	47·5	38·2	7·9	56	...	0·5	...	1·0	0	0	9	0	0	0	1	0	0	6	2	22
	0830	,,	1018·8	998·4	+0·3	56·3	48·4	38·6	8·0	52	− 5	0·7	−1·0	0·8	0	0	5	0	0	0	0	0	0	5	0	26
	1130	,,	1018·2	988·7	...	71·7	54·7	35·6	7·0	30	...	0·9	...	1 6	0	0	18	2	4	4	2	0	0	3	3	13
	1730	,,	1014·1	985·0	...	79·3	58·2	36 5	7·2	23	...	1·5	...	1·9	0	0	13	2	0	0	0	0	1	3	7	18
	2330	,,	1017·1	987·0	...	61·7	51·3	39 3	8·6	45	...	0·8	...	0·9	0	0	11	1	0	3	1	0	0	2	4	20
Jhalawar ...	0830	1053	1019·1	981·0	+0·7	51·1	43·7	33·3	6·3	50	− 8	1·0	−0·7	0·7	0	0	5	2	1	0	0	0	0	0	2	26
	1730	,,	1013·7	977·7	...	79·5	57·1	30·0	5·5	17	...	1·4	...	2·8	0	0	30	7	9	2	1	1	1	5	4	1
Udaipur ...	0530	1910	900·5	949·8	...	48·8	44·2	36·4	8·0	62	...	0·6	...	0·6	0	0	7	2	0	0	0	0	0	0	5	24
	0830	,,	902·9	951·8	+1·3	52·8	45·2	35·7	7·1	53	− 1	1·5	+0·1	0·5	0	0	7	2	0	0	0	1	0	1	3	24
	1130	,,	906·5	952·2	...	70·7	54·8	38·1	7·6	31	...	1·3	...	2·0	0	0	22	2	6	3	6	0	1	2	2	9
	1730	,,	902·1	948·9	...	74·9	56·4	38·4	7·3	28	...	1·5	...	2·5	0	0	21	0	3	6	4	1	4	3	0	10
	2330	,,	902·3	950·8	...	55·5	47·6	38·6	7·4	54	...	0·7	...	0·8	0	0	9	0	2	0	0	0	0	0	7	22
Madhya Bharat																										
Gwalior (P.B.O.) ..	0530	689	1016·8	991·6	...	48·1	44·2	38·9	8·1	72	...	0·2	...	1·9	0	0	16	2	1	1	2	4	2	0	4	15
	0830	,,	1018·7	993·7	...	54·9	47·6	38·0	8·1	55	...	1·7	...	2·2	0	0	9	2	0	0	0	0	1	2	4	22
	1130	,,	1018·4	994·1	...	70·1	55·3	38·7	8·3	34	...	1·4	...	5·9	0	0	31	3	7	4	1	2	1	0	13	0
	1730	,,	1014·9	990·9	...	73·3	57·2	40·0	8·8	32	...	1·6	...	3·3	0	0	27	11	4	1	1	0	0	0	10	4
	2330	,,	1017·4	992·5	...	55·3	49·0	41·6	9·0	81	...	0·5	...	1·3	0	0	12	1	0	2	1	3	2	0	3	19
Sheopur Kalan ...	0830	771	1018·3	990·1	...	51·1	44·5	37·3	7·0	60	...	1·9	...	1·3	0	0	13	3	3	0	3	4	0	0	0	18
	1730	,,	1013·7	987·1	...	78·3	57·7	35·1	7·1	22	...	2·2	...	3·2	0	0	26	9	6	0	0	1	1	2	7	5
Guna ...	0530	1571	1017·7	961·0	...	47·8	42·7	36·3	7·2	65	...	0·8	...	0·9	0	0	11	1	0	5	4	0	0	1	1	20
	0830	,,	1019·0	962·9	+0·3	52·8	45·9	38·2	7·8	59	− 3	1·7	+0·3	1·3	0	0	13	4	0	2	2	3	0	2	0	18
	1130	,,	1017·3	963·5	...	75·5	56·7	38·6	8·1	28	...	1·2	...	4·3	0	0	30	7	1	5	2	5	2	4	4	1
	1730	,,	1013·8	960·3	...	76·9	57·7	41·0	8·5	29	...	1·9	...	2·2	0	0	21	3	0	3	0	1	1	8	5	10
	2330	,,	1018·1	962·0	...	54·4	46·8	38·2	7·7	55	...	0·5	...	0·6	0	0	5	1	0	4	0	0	0	0	0	24
Neemuch ...	0830	1626	1019·4	961·6	+1·0	56·1	44·8	28·8	5·6	36	−19	1·8	+0·3	2·1	0	0	21	2	15	1	2	0	1	0	0	10
	1730	,,	1014·1	958·9	...	77·8	54·8	27·9	5·4	17	...	1·9	...	4·2	0	0	30	1	21	0	0	0	4	4	0	1
Ratlam ...	0830	1596	1018·5	961·8	...	57·0	...	...	...	...	...	2·1	...	5·6	0	2	27	3	14	7	2	2	1	0	0	2
	1730	,,	1013·1	959·0	...	79·5	...	...	...	...	..	2·5	...	6·1	0	0	31	3	9	8	2	1	3	5	0	0
Indore ...	0530	1861	899·6	950·5	...	51·5	44·0	34·4	6·8	53	...	1·2	...	1·2	0	0	11	2	3	1	3	1	0	0	1	20
	0830	,,	902·4	952·7	+0·5	58·3	48·8	37·7	7·9	47	−13	1·4	−0·3	2·0	0	0	17	3	4	2	3	2	2	1	0	14
	1130	,,	904·4	953·1	...	75·9	58·3	42·4	9·5	32	...	1·0	...	8·9	0	3	27	2	7	6	5	5	1	1	3	1
	1730	,,	901·3	949·5	...	78·9	58·9	40·5	8·9	26	...	1·6	...	5·7	0	1	26	2	7	3	2	3	6	1	3	4
	2330	,,	901·1	951·3	...	58·5	48·8	38·0	7·9	47	...	0·8	..	2·2	0	0	15	4	4	1	1	2	1	1	1	16
Bhopal (Bairagarh)...	0530	1714	899·6	955·8	...	54·3	45·3	33·7	6·7	47	...	1·0	...	4·8	0	1	26	6	4	3	5	4	1	0	4	4
	0830	,,	902·1	958·1	+0·4	58·2	47·6	34·6	7·0	42	− 9	1·5	−0·3	4·4	0	0	20	6	7	1	5	4	1	0	2	5
	1130	,,	904·1	958·3	...	74·3	54·9	34·0	6·9	25	...	1·5	...	8·6	0	2	29	2	7	4	4	6	1	1	6	0
	1730	,,	901·5	955·2	...	77·9	55·9	32·7	6·4	21	...	1·6	...	5·8	0	2	26	6	8	2	2	3	0	3	4	3
	2330	,,	901·4	956·9	...	61·5	48·7	33·8	6·6	37	...	0·8	..	5·0	0	0	28	11	4	2	3	3	2	0	3	3
Vindhya Pradesh																										
Nowgong ...	0830	750	1018·9	991·4	+0·2	48·3	45·3	41·5	8·9	77	+ 1	1·5	−0·7	0·9	0	0	14	0	2	0	0	7	5	0	0	17
	1730	,,	1014·4	988·4	...	76·3	59·0	41·0	9·9	29	...	1·8	...	1·6	0	0	23	8	6	0	0	0	0	1	8	8
Sutna ...	0830	1041	1018·3	983·2	+0·4	55·8	51·2	46·0	10·8	70	+ 2	0·7	−1·3	1·0	0	0	17	0	0	3	1	2	3	8	0	14
	1730	,,	1013·9	978·1	...	74·9	62·9	53·0	14·2	49	...	0·9	...	1·3	0	0	19	6	1	1	1	0	0	2	8	12

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1018·9	965·5	...	58·5	51·6	46·1	10·2	65	-3	1·1	-1·4	0·3	0	0	3	0	0	1	2	0	0	0	0	28
	1730	,,	1014·1	962·7	...	75·1	61·4	51·0	13·1	42	...	0·9	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Madhya Pradesh, East																										
Gondia ...	0830	1026	1018·5	982·0	...	61·2	54·6	47·9	11·6	62	...	1·6	...	0·9	0	0	14	5	3	1	1	1	2	0	1	17
	1730	,,	1013·1	978·1	...	80·5	62·5	46·5	11·3	32	...	0·8	...	1·1	0	0	15	5	2	2	1	0	2	1	2	16
Pendra ...	0530	2040	901·4	944 8	...	54·9	49·1	42·9	9·6	65	...	1·0	...	2·1	0	0	20	10	0	1	0	6	0	0	3	11
	0830	,,	903·9	946·9	+0·3	61·0	52·5	44·4	10·1	55	-11	1·3	-0·5	2·7	0	0	24	13	1	0	0	6	2	0	2	7
	1130	,,	904·9	946·9	...	73·1	58·0	44·4	10·4	38	...	1·3	...	5·5	0	0	31	12	5	0	4	6	2	0	2	0
	1730	,,	902·2	944·1	...	71·8	57·9	45·7	10·8	41	...	1·6	...	3·0	0	0	30	15	0	0	0	4	3	2	6	1
	2330	,,	902·9	945·9	...	59·8	51·9	43·9	10·1	57	...	0·9	...	2·1	0	0	20	6	1	0	0	3	5	3	2	11
Raigarh ...	0830	723	1017·9	992·1	...	62·1	55·1	48·3	11·7	61	...	2·4	...	2·1	0	0	24	8	12	2	1	1	0	0	0	7
	1730	,,	1013·0	988·3	...	81·0	62·3	45·3	10·8	30	...	2·5	...	2·4	0	0	27	3	3	0	3	3	2	7	6	4
Ambikapur ...	0830	1989	903·4	949·2	...	55·3	51·6	48·3	11·5	78	...	0·9	...	1·6	0	0	18	0	4	1	1·	2	6	3	1	13
	1730	,,	902·1	946·1	...	73·3	59·8	49·2	12·1	44	...	0·8	...	5·4	0	0	31	16	6	0	1	0	0	1	7	0
Champa ...	0830	805	1018·3	989·6	...	61·4	55·1	49·1	12·0	65	...	2·0	...	2·7	0	0	26	15	2	1	0	0	0	0	8	5
	1730	,,	1013·4	985·8	...	80·7	63·3	48·7	12·0	33	...	1·7	...	1·9	0	0	21	10	1	3	1	1	0	4	1	10
Raipur ..	0530	979	1015·7	980·8	...	59·3	53·5	47·9	11·4	67	...	0·5	...	0·8	0	0	8	3	1	0	1	2	1	0	0	23
	0830	,,	1017·8	983·3	+0·7	63·7	55·7	47·9	11·5	56	-7	1·9	+0·4	1·5	0	0	15	5	4	0	0	2	3	1	0	16
	1130	,,	1017·1	983·2	...	76·1	61·7	49·6	12·3	40	...	1·4	...	2·8	0	0	23	5	7	4	0	2	2	3	0	8
	1730	,,	1013·3	979·9	...	80·2	62·5	47·5	11·3	33	...	2·2	...	1·6	0	0	15	7	3	2	1	1	0	1	0	16
	2330	,,	1015·9	981·6	...	67·6	57·1	47·1	11·3	49	...	0·2	...	1·0	0	0	11	2	1	2	2	3	1	0	0	20
Kanker ...	0830	1318	1018·4	971·9	+0·8	61·8	56·0	50·1	12·7	65	-6	1·9	+0·1	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1012·9	968·1	...	80·3	62·9	48·1	11·9	33	...	2·9	...	0·8	0	0	12	6	5	0	0	0	0	0	1	19
Chanda ...	0830	634	1017·6	995·1	+0·7	65·1	56·8	49·0	12·1	57	-11	1·8	+0·2	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1012·7	990·9	...	81·1	64·7	51·7	13·5	38	...	2·3	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Sironcha ...	0830	405	1017·9	1002·3	...	63·1	58·5	54·5	14·7	74	...	2·6	...	1·2	0	0	13	1	2	4	4	2	0	0	0	18
	1730	,,	1012·8	999·0	...	85·3	66·4	52·3	13·6	33	...	2·2	...	1·6	0	0	23	4	4	6	4	1	0	1	3	8
Jagdalpur ...	0830	1815	902·8	954·9	+0·8	58·4	53·7	49·6	12·2	73	-7	2·2	+0·3	0·9	0	0	13	0	1	0	0	0	1	2	9	18
	1730	,,	901·1	951·0	...	79·6	60·5	44·6	10·3	31	...	2·8	...	2·3	0	0	27	0	11	1	4	4	1	0	6	4
Jagdalpur(P.B.O.)...	0530	1813	900·0	952·4	...	53·7	51·4	49·4	12·0	85	...	1·3	...	0·6	0	0	6	1	0	1	1	1	0	1	1	25
	0830	,,	902·9	954·8	...	59·9	54·4	49·9	12·3	69	...	1·9	...	0·7	0	0	9	0	4	3	1	0	0	0	1	22
	1130	,,	904·1	954·3	...	76·9	60·7	47·7	11·6	37	...	2·2	...	3·8	0	0	30	3	7	8	2	0	0	3	7	1
	1730	,,	901·3	951·2	...	78·4	61·3	47·5	11·6	35	...	2·9	...	2·3	0	0	23	3	9	0	2	2	1	2	3	9
	2330	,,	901·7	953·7	...	61·3	55·5	50·6	12·7	69	...	1·2	...	0·6	0	0	6	0	0	2	2	1	0	0	1	25
Madhya Pradesh, West																										
Buldhana ...	0830	2133	903·6	943·2	...	65·0	54·2	44·2	9·5	47	...	2·9	...	2·8	0	0	31	2	1	5	3	11	3	1	5	0
	1730	,,	901·9	940·1	...	81·5	62·5	47·9	11·7	32	...	2·1	...	2·6	0	0	31	5	13	1	2	4	2	0	4	0
Akola ...	0830	925	1017·3	984·6	+0·6	59·1	49·6	38·4	7·9	45	-9	2·1	+0·4	1·5	0	0	16	0	2	3	3	4	2	2	0	15
	1130	,,	1016·2	984·4	...	79·5	59·6	39·5	8·5	25	...	1·4	...	2·9	0	0	28	3	4	10	5	1	1	1	3	3
	1730	,,	1011·8	980·5	...	85·6	61·9	38·3	8·3	21	...	2·1	...	2·3	0	0	24	2	7	7	0	2	1	1	4	7
Akola ... (Aerodrome)	0530	1015	1015·2	978·9	...	57·0	48·6	37·8	7·9	49	...	0·9	...	2·1	0	0	24	2	6	8	2	0	4	1	1	7
	2330	,,	1015·2	979·6	...	66·9	53·7	38·4	8·1	36	...	1·1	...	1·9	0	0	21	2	0	9	7	2	1	0	0	10
Amravati ...	0830	1213	1017·1	974·6	+0·5	66·1	53·0	37·2	7·8	36	-13	2·2	+0·5	3·0	0	0	30	0	20	6	1	2	1	0	0	1
	1730	,,	1012·0	971·2	..	85·1	61·5	37·7	8·1	20	...	2·0	...	2·5	0	0	28	3	4	6	5	2	1	4	3	3
Yeotmal ...	0830	1481	1016·9	965·5	...	68·5	56·0	43·9	9·7	43	...	3·5	...	5·4	0	0	29	0	19	0	5	0	2	0	3	2
	1730	,,	1012·0	962·9	...	82·0	62·0	45·1	10·0	29	...	3·1	...	5·2	0	0	31	0	18	0	8	0	1	0	4	0
Khandwa ...	0830	1044	1018·0	918·7	+0·7	59·4	48·6	35·2	6·9	41	-15	1·7	+0·3	2·3	0	0	16	5	2	3	3	1	0	2	0	15
	1730	,,	1012·1	976·7	...	84·0	61·1	38·2	8·1	21	...	1·6	...	4·5	0	0	30	8	11	3	3	1	0	3	1	1
Hoshangabad ...	0830	992	1018·4	982·9	+0·3	59·0	50·1	39·6	8·4	49	-7	2·2	+0·5	2·5	0	0	26	2	7	6	7	2	1	0	1	5
	1730	,,	1013·0	979·2	...	81·1	59·9	38·1	8·1	23	...	2·3	...	1·9	0	0	24	1	7	4	4	0	5	2	1	7
Sagar ...	0830	1808	902·6	954·6	+0·5	62·0	50·3	37·0	7·7	42	-10	1·5	-0·3	7·4	0	12	18	3	5	3	9	6	2	1	1	1
	1730	,,	901·2	951·8	...	74·4	56·2	38·5	8·6	29	...	1·5	...	5·1	0	1	30	3	6	2	7	0	6	1	6	0
Jabalpur ...	0530	1289	1017·0	970·5	...	50·6	47·4	43·9	9·7	79	...	0·6	...	1·2	0	0	14	1	1	0	12	0	0	0	0	17
	0830	,,	1018·9	979·9	+1·1	57·0	50·8	43·9	9·9	62	-9	1·4	-0·4	2·6	0	0	26	0	3	0	21	2	0	0	0	5
	1130	,,	1017·2	972·7	...	75·2	60·0	46·2	10·8	37	...	1·1	...	3·5	0	0	29	3	8	1	3	6	5	3	0	2
	1730	,,	1013 4	969·4	...	78·1	61·7	47·7	11·4	36	...	1·5	...	2·5	0	0	27	1	15	1	1	2	3	1	3	4
	2330	,,	1017·3	971·3	...	57·1	51·7	46·4	10·7	68	...	0·4	...	1·1	0	0	12	3	2	0	5	2	0	0	0	19
Mandla ...	0830	1452	1019·8	967·5	...	51·0	48·8	46·6	10·7	85	...	2·2	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1013·2	963·7	...	76·6	59·7	45·3	9·9	35	...	2·2	...	0·5	0	0	3	2	0	0	0	0	0	0	1	28
Seoni ...	0830	2027	903·4	947·1	+0·5	60·7	52·1	43·1	9·9	53	-8	1·0	-0·6	1·0	0	0	8	4	3	0	0	1	0	0	0	23
	1730	,,	902·0	944·5	...	76·2	58·7	43·8	9·8	32	...	1·0	...	2·3	0	0	24	5	6	5	2	3	2	0	1	7
Chhindwara ...	0830	2148	904·3	940·3	...	56·4	48·9	40·5	8·8	56	...	0·9	...	0·7	0	0	9	5	2	0	0	0	0	1	1	22
	1730	,,	902·8	937·2	...	77·8	56·8	34·3	7·3	23	...	1·4	...	2·7	0	0	28	4	5	0	5	5	3	2	4	3
Betul ...	0830	2144	903·8	943·5	...	56·8	49·4	41·8	9·1	58	...	2·0	...	2·4	0	0	25	1	4	12	6	1	0	0	1	6
	1730	,,	902·7	941·0	...	76·7	57·7	39·4	8·6	28	...	2·1	...	4·1	0	0	28	7	10	2	0	3	3	2	1	3
Nagpur ..	0530	1010	1015·9	979·6	...	55·6	49·5	41·9	9·2	60	...	0·8	...	2·0	0	0	18	5	1	1	0	0	0	0	11	13
	0830	,,	1017·9	982·1	+0·6	63·4	53·4	43·7	9·5	49	-5	2·2	+0·4	3·3	0	0	27	13	11	2	0	0	0	0	1	4
	1130	,,	1016·9	982·1	..	78·9	61·4	46·0	10·7	32	...	1·8	...	5·4	0	0	27	1	10	9	4	2	0	0	1	4
	1730	,,	1012·8	978·3	...	82·4	61·9	42·9	9·1	27	...	1·9	...	3·7	0	0	28	2	7	8	4	5	2	0	0	3
	2330	,,	1016·3	980·6	...	63·8	54·0	43·1	9·9	47	...	1·3	...	3·2	0	0	24	6	5	0	1	1	2	3	6	7

Division and station	Hour of observation I.S.T.	Height of barometer cistere above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	N W	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1017·3	1001·2	+0·2	57·2	47·4	34·4	6·8	43	...	1·1	...	...	0	0	31	14	13	2	0	1	0	1	0	0
	1730	,,	1013·7	998·4	...	81·0	60·1	38·4	8·4	23	...	1·0	...	...	0	0	28	8	6	0	1	4	4	2	3	3
Surat ...	0530	39	1014·0	1012·6	...	60·9	52·1	41·6	9·3	50	...	1·0	...	4·6	0	0	29	12	5	9	3	0	0	0	0	2
	0830	,,	1016·1	1014·7	+0·4	61·8	52·7	41·5	9·5	49	−10	1·5	+0·3	2·3	0	0	21	5	8	8	0	0	0	0	0	10
	1130	,,	1016·4	1015·0	...	83·3	61·9	42·1	9·3	25	...	1·3	...	6·5	0	0	29	4	8	10	2	1	0	1	3	2
	1730	,,	1012·5	1011·2	...	86·7	65·8	49·7	12·3	29	...	1·7	...	4·3	0	0	29	3	3	2	0	0	4	7	10	2
	2330	,,	1015·1	1013·7	...	67·8	57·9	48·8	12·0	52	...	0·8	...	4·2	0	0	31	16	5	1	0	0	2	2	5	0
Ahmedabad ...	0530	182	1014·8	1008·3	...	57·1	47·8	35·6	7·2	46	...	0·5	...	5·5	0	0	25	4	7	9	0	0	1	1	3	6
	0830	,,	1016·8	1010·2	−0·2	60·6	49·3	34·5	6·9	39	−14	1·4	+0·1	8·2	0	2	28	0	14	11	0	0	0	2	3	1
	1130	,,	1017·2	1010·9	...	77·7	59·1	40·3	8·8	27	...	1·4	...	10·2	0	5	26	0	5	18	4	0	0	1	3	0
	1730	,,	1013·4	1007·2	...	83·9	61·8	40·8	8·9	23	...	1·2	...	7·4	0	0	31	5	1	13	3	2	2	1	4	0
	2330	,,	1015·8	1009·3	...	63·2	52·4	39·2	8·6	40	...	0·4	...	4·5	0	0	24	3	7	8	0	0	0	0	6	7
Dohad ...	0830	1093	1017·8	979·0	...	60·7	49·4	34·8	7·0	38	−23	0·8	−0·7	4·3	0	0	28	0	7	8	3	5	3	2	0	3
	1730	,,	1012·8	975·7	...	82·9	62·2	43·6	9·8	26	...	0·8	...	7·5	0	2	28	4	6	1	3	3	7	5	1	1
Baroda ...	0530	115	1014 4	1010·2	...	55·3	49·2	42·1	9·2	62	...	0·6	...	1·3	0	0	14	4	8	2	0	0	0	0	0	17
	0830	,,	1016·6	1012·4	..	55·3	49·0	41 8	9·1	61	+ 3	0·9	−0·1	1·2	0	0	14	2	7	3	0	0	0	1	1	17
	1130	,,	1016·8	1012·8	...	81·4	63·4	48·1	11·9	32	...	0·7	...	2·3	0	0	23	1	9	6	4	1	0	0	2	8
	1730	,,	1012·8	1008·8	...	86·3	66·7	51·7	13·5	32	...	1·0	...	1·7	0	0	21	5	7	1	1	0	1	2	4	10
	2330	,,	1015·3	1011·2	...	63·0	54·5	45·9	10 7	55	...	0·2	...	1·3	0	0	17	5	8	1	0	1	0	0	2	14
Baroda (Aerodrome) ...	0530	124	1014·5	1010·1	...	58·2	51·0	42·9	9·5	58	...	0·4	...	4·8	0	0	29	17	2	2	3	1	0	2	2	2
	0830	,,	1016·8	1012·4	...	59·8	51·9	43·3	9·7	55	...	0·8	...	4·5	0	1	22	10	6	1	2	1	0	2	1	8
	1730	,,	1013·1	1008·9	...	86·2	68·2	55·0	15·5	36	...	1·5	...	7·5	0	2	29	11	6	4	1	0	0	4	5	0
	2330	,,	1015·4	1011·0	...	67·4	56·9	47·2	11·1	49	...	0·2	...	4·8	0	0	29	15	5	2	0	2	1	2	2	2
Broach ...	0830	57	1016·1	1014·0	...	58·3	49·6	39·4	8·2	50	...	0·9	...	2·8	0	0	30	5	11	5	4	1	1	2	1	1
	1730	..	1012·4	1010·4	...	89·1	64·1	41·7	9·2	20	...	1·0	...	3·9	0	0	31	6	8	3	6	0	1	2	5	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1017·7	1005·1	+0·4	55·5	47·7	37·1	7·9	51	+ 5	0·9	−0 4	0·3	0	0	4	1	1	0	1	1	0	0	0	27
	1730	,,	1014·5	1002·6	...	80·7	58·3	32·2	6·6	18	...	0·6	...	4·3	0	0	30	10	14	1	0	1	1	2	2	1
Bhuj (P.B.O.) ...	0530	347	1015·6	1003·1	...	59·1	49·2	38·4	7·5	47	...	0·5	...	0·7	0	0	5	0	3	1	0	0	0	0	1	26
	0830	,,	1017·2	1004·8	...	59·2	49·6	38·9	7·8	49	...	1·2	...	1·0	0	0	6	0	1	2	0	1	1	0	1	25
	1130	,,	1017·5	1005·4	...	74·2	57·7	42·9	8·9	35	...	0·9	...	4·3	0	0	26	6	14	2	1	0	0	0	3	5
	1730	..	1014·0	1002·2	...	80·7	58·9	39·7	7·2	24	...	1·0	...	5·2	0	0	28	8	10	4	1	0	2	0	3	3
	2330	,,	1016·3	1003·9	...	65·8	51·7	37·2	6·8	36	...	0·5	...	1·4	0	0	12	1	8	0	0	0	1	0	2	19
Dwarka ...	0830	37	1016·9	1015·6	+0·2	63·7	58·7	54·3	14·6	72	+ 5	0·6	−1·0	7·9	0	0	31	7	18	5	0	0	0	0	1	0
	1730	,,	1014·2	1012·9	...	75·2	63·4	53·3	14·6	50	...	0·6	...	10·6	0	4	27	10	8	1	0	0	0	0	12	0
Jamnagar ...	0530	74	1015·0	1012·3	...	56·3	49·3	40·8	8·9	58	...	0·2	...	6·4	0	1	28	3	8	4	4	6	3	1	0	2
	0830	,,	1016·9	1014·2	−0·1	56·5	48·7	38·7	8·3	53	− 7	1·1	+0·1	5·2	0	0	29	3	9	6	4	5	1	0	1	2
	1130	,,	1017·6	1015·0	...	74·1	57 8	41·6	9·1	32	...	1·1	...	9·6	0	7	23	5	19	3	0	0	0	1	2	1
	1730	,,	1013·7	1011·1	...	78·9	60·2	42·5	9·5	29	...	0·9	...	11·9	0	13	18	15	8	0	0	0	0	4	4	0
Rajkot ...	0830	432	1016·8	1001 2	+0·1	56·6	47·5	34·9	7·1	46	− 4	1·6	+0·1	3·2	0	0	26	3	4	7	5	1	1	2	3	5
	1730	,,	1012·8	998·0	...	84·8	59·9	33·3	6·5	17	...	1·0	...	8·5	0	6	25	5	10	5	5	1	0	1	4	0
Rajkot (Aerodrome) ...	0530	439	1015·1	999·3	..	55·4	48·3	39·1	8·4	56	...	0·1	...	5·1	0	2	23	5	4	5	5	2	1	2	1	6
	0830	,,	1017·1	1001·2	...	56·9	48·9	38·6	8·3	53	...	0·7	...	3·4	0	0	22	1	6	5	8	0	0	0	2	9
	1130	..	1016·8	1001·6	...	78·8	62·8	49·3	12·4	37	...	0·8	...	8·9	0	7	24	4	12	10	1	1	0	0	3	0
Veraval ..	0530	26	1014·1	1013·2	...	59·2	50·8	38·4	8·9	49	...	0·2	...	6·8	0	2	25	15	10	0	1	0	0	0	1	4
	0830	,,	1015·8	1014·9	−0·2	60·8	50·8	38·3	8·2	46	− 4	1·2	+0·1	5·2	0	3	20	10	11	2	0	0	0	0	0	8
	1130	,,	1016·6	1015·7	...	80·1	62·0	45·7	10·9	32	...	0·8	...	5·5	0	2	24	7	5	1	0	5	1	4	3	5
	1730	,,	1013·1	1012·2	...	77·4	67·8	60·2	18·9	60	...	1·1	...	7·7	0	5	24	1	1	0	4	6	1	8	8	2
	2330	..	1015·7	1014·8	...	64·5	55·6	45·7	11·1	54	...	0·2	...	4·7	0	0	24	12	5	0	1	0	0	0	6	7
Bhavnagar ...	0830	55	1017·0	1015·0	+0·6	55·8	46·0	31·6	6·2	40	− 6	0·7	−0·7	1·4	0	0	19	1	0	0	0	1	6	10	1	12
	1730	,,	1013·2	1011·3	...	85·5	61·6	37·5	7·9	20	...	1·1	...	3·0	0	0	25	1	10	11	1	0	0	1	1	6
Bhavnagar (Aerodrome) ...	0830	35	1016·5	1015·2	...	58·6	50·8	41·2	9·2	54	...	1·4	...	5·5	0	1	25	1	0	0	0	0	2	7	16	5
	1130	..	1016·9	1015·7	...	73·9	62·0	51·9	13·6	48	...	1·3	...	7·5	0	2	29	11	13	6	0	0	0	0	1	0
Konkan																										
Dahanu ...	0830	15	1015·0	1014·7	...	66·0	59·0	53·0	13·9	64	...	2·0	...	7·7	0	0	30	2	5	15	7	0	0	1	0	1
	1730	..	1012·4	1011·9	...	77·6	71·7	68·2	23 8	74	...	1·3	...	12·1	0	14	17	15	0	0	0	0	0	3	13	0
Bombay (Colaba) ...	0830	35	1014·9	1013·7	0	71·9	64·2	58·6	17·0	65	− 5	2·1	+0·8	4·7	0	0	30	6	12	10	1	0	0	0	1	1
	1130	,,	1015·3	1014·1	...	81·0	67·2	57·8	16·5	46	...	2·1	...	2·8	0	0	30	5	7	12	1	0	0	0	5	1
	1730	,,	1011·9	1010·7	...	79·7	70·1	64·5	20·8	60	...	1·6	...	7·5	0	1	30	2	0	0	0	0	0	3	26	0
Bombay (Santacruz Aerodrome) ...	0530	27	1012·7	1011·8	...	62·2	57·5	52·7	14·0	73	..	0·8	...	2·1	0	0	14	1	1	7	4	0	0	0	1	17
	0830	,,	1014·7	1013·8	−0·2	67·6	59·4	52·3	13·7	60	− 5	1 9	+0·6	3·0	0	1	17	2	5	5	3	3	0	0	0	13
	1130	,,	1015·1	1014·2	...	84·4	65·1	49·3	12·4	32	...	1·7	...	7·7	0	2	25	2	4	11	2	0	0	4	4	4
	1730	,,	1011·7	1010·8	...	82·3	67·2	56·8	15·9	43	...	1·8	...	13·1	0	13	18	2	0	0	0	0	0	7	22	0
	2330	,,	1014·1	1013·2	...	67·8	60·3	53·9	14·5	63	...	0·8	...	3·7	0	0	24	8	8	1	1	0	0	0	6	7
Bombay (Juhu Aerodrome) ...	0530	12	1012·9	1012·4	...	64·9	59·1	55·2	14·5	71	..	0·5	...	2·2	0	0	22	2	2	13	4	0	0	0	1	9
	0830	,,	1014·8	1014·3	...	69·9	61·5	55·9	14·8	63	...	2·0	...	3·6	0	0	26	2	4	15	3	0	0	0	2	5
	1130	,,	1015·2	1014·7	...	84·1	67·3	55·2	15·2	42	...	1·8	...	6·7	0	1	30	3	3	11	3	1	0	5	5	0
	1730	,,	1011·9	1011·4	...	81·6	69·6	63·5	19·3	55	...	1·6	...	10·5	0	5	26	4	0	0	0	0	0	3	24	0
	2330	,,	1014·1	1013·6	...	69·8	62·5	58·3	16·0	68	...	0·5	...	1·4	0	0	15	6	3	4	0	0	0	0	2	16
Alibag ...	0830	23	1015·3	1014·5	+0·5	68·8	62·0	56·9	15 9	67	+ 2	2·2	+0·7	1·2	0	0	13	1	5	6	1	0	0	0	0	18

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd.*																										
Harnai ...	0830	66	1014·6	1012·3	...	75·8	66·1	59·5	17·6	58	...	2·3	.	5·3	0	2	25	4	12	6	2	0	0	1	2	4
	1730	,,	1011·7	1009·4	...	79·1	74·0	71·4	26·4	77	...	2·1	...	13·5	0	10	21	0	0	0	0	0	0	0	31	0
Ratnagiri ...	0830	116	1014·2	1010·1	−0·1	71·6	62·9	56·3	15·7	60	...	2·1	...	...	0	0	31	0	2	29	0	0	0	0	0	0
	1730	,,	1011·1	1007·1	...	82·4	72·9	68·5	23·4	62	...	2·0	...	...	0	0	31	2	0	0	0	0	11	13	5	0
Devgad ...	0830	117	1014·1	1010·0	...	71·9	65·1	60·3	18·0	69	...	0·9	...	4·1	0	0	31	0	5	25	1	0	0	0	0	0
	1730	,,	1010·8	1006·8	...	84·1	74·0	68·9	24·1	60	...	0·9	...	12·9	0	9	22	0	0	0	0	0	1	22	8	0
Vengurla ..	0530	29	1013·4	1011·4	...	66·6	63·8	61·9	18·9	85	...	0·5	...	...	0	0	10	7	2	1	0	0	0	0	0	21
	0830	,,	1014·6	1013·6	...	70·2	64·4	60·6	18·0	72	...	2·3	...	...	0	0	5	1	3	1	0	0	0	0	0	26
	1130	,,	1014·7	1013·7	...	86·8	68·9	56·6	16·0	37	...	1·6	...	...	0	1	9	0	2	5	0	1	1	0	1	21
	1730	,,	1011·0	1010·0	...	84·3	72·2	65·3	21·6	54	...	2·1	...	...	0	0	11	0	1	0	0	0	2	8	0	20
	2330	,,	1013·8	1012·8	...	72·3	67·4	64·4	20·6	77	...	0·5	...	...	0	0	0	0	0	0	0	0	0	0	0	31
Marmagao ...	0830	202	1014·2	1007·2	+0·1	74·9	66·9	61·4	18·9	64	− 2	2·6	+1·1	5·4	0	0	31	5	9	14	3	0	0	0	0	0
	1730	,,	1010·8	1003·8	...	82·4	72·8	68·0	23·3	62	...	2·7	...	5·9	0	0	31	0	0	1	1	1	6	14	8	0
Honavar ...	0830	85	1014·2	1011·2	...	74·0	65·8	60·1	18·0	64	...	2·6	...	3·8	0	0	30	0	7	21	2	0	0	0	1	0
	1730	,,	1010·3	1007·4	...	85·2	73·4	66·7	23·8	56	...	2·8	...	3·9	0	0	31	0	1	1	0	0	1	19	9	0
Deccan (Desh)																										
Jalgaon ...	0830	660	1017·2	993·3	...	56·8	48·4	37·6	7·8	50	...	1·5	...	2·4	0	0	25	0	2	6	17	0	0	0	0	6
	1730	,,	1012·2	989·8	...	87·2	63·6	41·3	9·4	22	...	1·4	...	4·3	0	0	29	0	7	9	4	1	0	1	7	2
Malegaon ...	0830	1432	1017·9	967·4	+1·0	61·2	49·9	33·8	7·2	36	−16	1·4	0	0·4	0	0	5	0	1	0	0	0	1	0	3	26
	1730	,,	1012·0	963·7	...	83·1	59·7	32·0	7·0	17	...	1·5	...	2·0	0	0	23	1	13	2	0	2	2	2	1	8
Deolali ...	0830	1875	902·6	952·4	...	58·1	51·1	43·8	10·0	61	...	1·7	...	1·2	0	0	12	6	6	0	0	0	0	0	0	19
Ahmednagar ...	0830	2154	903·4	942·5	+0·5	62·0	51·8	41·8	9·0	48	+ 1	2·3	+1·0	2·5	0	1	21	1	3	0	3	1	0	1	13	9
	1730	,,	901·8	939·1	...	84·0	62·2	44·8	10·3	26	...	2·3	...	4·3	0	0	30	1	16	2	4	0	4	1	2	1
Poona ...	0530	1834	899·5	951·0	...	55·5	51·8	48·3	11·7	78	...	0·7	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	,,	901·8	953·2	+0·7	57·7	53·3	49·4	12·1	74	+ 8	2·6	+1·2	0·1	0	0	1	1	0	0	0	0	0	0	0	30
	1130	,,	903·8	953·0	...	79·0	61·6	48·0	11·7	35	...	1·9	...	1·9	0	0	19	0	0	16	1	1	0	0	1	12
	1730	,,	900·6	949·2	...	84·2	64·0	48·5	13·2	31	...	2·1	...	1·6	0	0	20	0	1	10	0	0	2	5	2	11
	2330	,,	901·2	951·9	...	63·2	55·9	49·7	12·3	62	...	0·6	...	0·3	0	0	4	0	0	0	0	0	2	2	0	27
Poona (Lohagaon Aerodrome) ...	0530	1937	900·0	947·2	...	58·8	50·6	42·6	9·2	55	...	1·2	...	1·3	0	0	10	0	2	4	0	0	0	4	0	21
	0830	,,	902·3	949·3	...	62·4	53·0	44·7	10·0	51	...	2·6	...	1·0	0	0	7	0	2	4	0	0	0	1	0	24
	1130	,,	903·9	949·3	...	80·2	61·1	45·8	10·6	30	...	2·4	...	5·7	0	1	24	0	0	13	8	1	0	2	1	6
	1730	,,	900·8	945·6	...	84·5	62·1	44·3	10·0	25	...	2·4	...	4·7	0	3	23	0	2	9	4	1	0	6	4	5
	2330	,,	901·6	948·0	...	67·2	55·1	43·8	9·9	44	...	1·1	...	2·3	0	0	15	0	0	6	1	0	0	6	2	16
Jeur ...	0830	1709	901·9	957·4	...	62·8	53·3	44·0	10·1	50	...	2·7	...	2·0	0	0	21	7	9	2	1	0	1	0	1	10
	1730	,,	900·4	953·2	...	86·4	65·1	50·3	12·5	29	...	2·5	...	5·6	0	0	29	2	7	8	4	2	2	2	2	2
Sholapur ...	0530	1570	1014·7	959·8	...	62·7	53·7	45·2	10·5	54	...	0·7	...	...	0	0	6	0	0	4	2	0	0	0	0	25
	0830	,,	1016·6	962·2	+0·7	68·1	57·0	47·6	11·4	49	+ 1	2·4	+1·1	...	0	0	7	0	2	1	4	0	0	0	0	24
	1130	,,	1015·2	962·1	...	81·5	64·4	62·7	13·7	38	...	2·5	...	...	0	1	26	0	1	1	13	7	4	0	1	4
	1730	,,	1010·4	954·8	...	86·3	64·8	48·5	12·2	28	...	2·8	...	...	0	0	17	0	0	14	3	0	0	0	0	14
	2330	,,	1014·6	960·6	...	71·6	57·1	44·5	10·1	38	...	0·8	...	...	0	0	13	0	1	5	5	0	2	0	0	18
Miraj ..	0830	1817	902·1	953·4	+0·1	64·2	54·6	45·9	10·7	52	− 7	2·2	+0·5	2·8	0	1	16	2	4	6	2	0	0	0	3	14
	1730	,,	900·5	949·4	...	86·4	63·7	46·7	11·0	26	...	2·3	...	6·1	0	3	26	2	7	13	3	2	1	0	1	2
Kolhapur ...	0530	1870	900·0	949·2	...	61·8	54·3	46·6	11·4	61	...	0·7	...	2·2	0	0	17	0	3	7	1	1	3	2	0	14
	0830	,,	902·3	951·5	...	64·3	55·1	46·4	11·1	55	...	2·0	...	2·4	0	0	14	0	5	7	1	0	0	1	0	17
	1130	,,	903·6	951·4	...	79·6	62·4	49·0	12·3	36	...	1·6	...	9·7	0	13	13	0	5	15	5	1	0	0	0	5
	1730	,,	900·4	947·4	...	85·9	62·8	43·4	10·1	24	...	2·5	...	7·5	0	3	23	0	8	10	1	0	0	6	1	5
Bijapur ...	0830	1950	903·1	949·1	+0·5	68·2	57·0	46·9	11·3	48	−12	2·7	+1·2	2·6	0	0	23	3	1	3	7	6	2	1	0	8
	1730	,,	900·8	945·0	...	85·3	62·9	45·3	10·5	25	...	2·6	...	2·2	0	0	20	1	6	8	3	1	0	0	1	11
Belgaum ...	0830	2562	904·2	928·4	+0·3	63·9	56·9	51·0	10·0	65	+ 3	...	...	2·7	0	0	28	6	0	2	1	5	2	6	6	3
	1730	,,	902·0	925·3	...	83·6	62·4	45·3	10·7	27	...	...	...	2·4	0	0	27	4	2	4	4	6	3	2	2	4
Gadag ...	0830	2131	903·5	942·7	+0·2	70·1	60·2	52·5	13·8	55	− 7	2·2	+0·8	3·8	0	0	23	0	9	12	2	0	0	0	0	8
	1730	,,	901·1	939·1	...	84·3	64·3	49·6	12·5	31	...	2·5	...	3·6	0	0	23	0	10	11	2	0	0	0	0	8
Gadag (P.B.O.) ...	0530	2150	900·9	939·8	...	63·6	55·8	50·1	12·1	62	...	0·9	...	...	0	3	14	0	1	9	6	0	0	1	0	14
	0830	,,	903·5	942·0	...	70·0	59·8	53·2	13·4	57	...	2·2	...	...	0	6	15	0	0	10	10	1	0	0	0	10
	1130	,,	904·1	941·8	...	81·4	64·1	54·1	13·4	40	...	2·2	...	...	0	11	13	0	0	18	6	0	0	0	0	7
	1730	,,	901·1	938·4	...	83·8	63·1	50·1	11·3	32	...	2·7	...	...	0	4	21	0	4	20	1	0	0	0	0	6
	2330	,,	902·4	940·8	...	69·6	57·0	47·7	10·8	47	...	1·0	...	...	0	0	18	0	0	13	2	2	1	0	0	13
Hyderabad, North																										
Aurangabad ...	0830	1905	903·1	951·4	+0·7	61·1	50·7	39·6	8·4	46	− 1	2·3	+0·7	3·8	0	0	30	1	3	24	0	0	1	1	0	1
	1730	,,	901·8	947·8	...	84·5	62·3	43·9	10·2	25	...	2·2	...	6·1	0	0	31	1	2	12	3	2	5	6	0	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	899·7	949·1	...	51·1	44·6	37·0	7·4	58	...	0·6	...	1·2	0	0	9	0	0	1	1	1	0	3	3	22
	0830	,,	903·4	951·5	...	67·0	55·3	44·6	10·2	45	...	1·8	...	1·0	0	0	6	0	0	1	4	0	0	1	0	25
	1130	,,	904·4	951·4	...	79·4	63·0	51·7	13·0	37	...	1·6	...	6·1	0	0	26	0	2	2	18	2	1	0	1	5
	1730	,,	900·6	946·9	...	82·3	64·0	51·6	12·9	34	...	1·8	...	4·3	0	0	25	1	3	4	8	1	1	4	3	6
	2330	,,	901·3	950·2	...	57·5	49·3	40·9	8·7	53	...	0·7	...	1·2	0	0	8	1	0	0	1	0	2	4	0	23
Parbhani ...	0830	1393	1017·5	968·8	...	65·0	52·5	39·0	7·9	39	...	2·1	...	...	0	0	27	0	20	4	0	3	0	0	0	4
	1730	,,	1011·6	964·9	...	85·1	61·2	36·3	7·7	19	...	2·3	...	...	0	0	23	1	14	7	0	1	0	0	0	8
Ramagundam ...	0830	527	1017·8	999·6	...	68·3	58·9	50·7	12·8	54	...	3·0	...	2·3	0	0	26	6	6	0	8	4	1	0	1	5
	1730	,,	1012·5	994·9	...	85·9	65·4	50·3	12·1	30	...	3·7	...	2·2	0	0	24	6	9	1	4	3	0	0	1	7

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1016·2	972·6	+0·1	67·5	58·3	51·0	12·5	56	− 7	2·3	+0·9	0·8	0	0	12	0	2	1	7	0	0	1	1	19
	1730	,,	1011·1	968·8	...	82·3	62·4	44·9	10·3	28	...	2·8	...	0·6	0	0	10	3	6	0	0	1	0	0	0	21
Bidar ...	0830	2178	903·7	941·4	...	67·4	57·9	49·8	12·5	56	− 3	2·7	+0·6	5·7	0	1	28	0	2	10	11	2	3	1	0	2
	1730	,,	901·5	938·1	...	81·0	60·9	43·9	10·1	28	...	3·1	...	7·3	0	2	26	2	15	8	1	0	2	0	0	3
Hyderabad, South																										
Gulbarga ...	0830	1503	1016·3	964·4	+0·5	67·7	57·7	48·7	13·3	52	− 4	2·6	+1·3	3·9	0	0	28	1	16	7	3	0	1	0	0	3
	1730	,,	1010·5	960·4	...	85·8	62·8	44·3	10·2	25	...	2·5	...	5·2	0	0	30	0	6	15	5	2	1	1	0	1
Raichur ...	0830	1311	1016·4	970·9	+0·6	70·3	62·5	56·3	15·8	63	− 1	2·4	+0·9	3·5	0	0	28	1	6	7	12	2	0	0	0	3
	1730	,,	1011·0	967·0	...	84·8	64·2	46·6	11·3	28	...	3·1	...	5·4	0	0	31	1	14	11	5	0	0	0	0	0
Hyderabad (Nizamiah) ...	0830	1778	902·6	955·4	+0·7	63·9	59·0	55·3	15·0	74	− 1	3·1	+0·9	1·8	0	0	10	1	1	5	3	0	0	0	0	21
	1730	,,	901·3	952·2	...	81·2	63·1	49·5	12·4	34	...	2·6	...	5·5	0	0	29	1	7	14	7	0	0	0	0	2
Hyderabad (Begumpet) ...	0530	1787	900·0	952·9	...	58·7	55·0	51·9	13·3	79	...	1·3	...	4·0	0	0	27	4	11	7	5	0	0	0	0	4
	0830	,,	902·9	955·3	...	65·0	59·1	54·7	14·7	67	...	2·8	...	3·3	0	0	21	3	6	6	6	0	0	0	0	10
	1130	,,	904·2	955·1	...	79·3	63·2	51·5	13·3	40	...	2·3	...	7·8	0	3	27	1	3	13	12	1	0	0	0	1
	1730	,,	901·6	952·2	...	81·0	62·4	48·1	11·7	33	...	2·8	...	6·9	0	0	30	0	8	16	6	0	0	0	0	1
	2330	,,	901·9	954·1	...	65·9	57·7	50·8	12·9	59	...	0·7	...	4·6	0	0	28	3	6	15	4	0	0	0	0	3
Hanamkonda ...	0830	881	1017·1	986·1	+0·2	67·9	62·7	58·9	17·1	73	0	2·2	−0·4	4·5	0	1	26	2	0	0	6	13	6	0	0	4
	1730	,,	1012·1	982·1	...	84·1	64·0	47·1	11·4	29	...	1·6	...	3·5	0	0	27	5	12	3	4	3	0	0	0	4
Khammameth ...	0830	367	1017·2	1004·2	...	67·9	64·5	62·0	19·1	81	...	2·3	...	2·1	0	0	25	11	3	6	2	2	0	0	1	6
	1730	,,	1012·3	999·8	...	86·0	69·5	58·5	17·2	42	...	2·2	...	2·6	0	0	28	1	1	15	9	1	1	0	0	3
Coastal Andhradesa																										
Nellore *	0530	65	1014·0	1011·7	...	65·5	64·2	65·6	19·9	93	...	2·9	...	3·2	0	0	27	2	0	0	0	0	0	4	20	4
	0830	,,	1016·6	1014·2	+0·4	72·0	69·0	67·1	22·9	85	+ 1	3·8	+0·4	1·9	0	0	19	4	0	0	0	0	0	2	13	12
	1130	,,	1015·9	1013·7	...	83·7	72·0	65·9	21·5	55	...	4·0	...	5·2	0	0	31	1	5	18	5	0	0	0	2	0
	1730 *	,,	1013·3	1011·0	...	80·0	71·3	66·1	22·2	64	...	4·1	...	5·9	0	0	30	0	5	20	5	0	0	0	0	0
	2330	,,	1015·4	1013·1	...	71·2	68·6	67·2	22·8	87	...	1·8	...	2·4	0	0	22	4	1	5	1	2	0	1	8	9
Ongole ...	0830	38	1016·7	1015·4	...	72·1	68·8	66·1	22·6	82	...	1·5	...	1·0	0	0	8	2	4	1	0	0	0	0	1	23
	1730	,,	1013·1	1011·8	...	79·7	73·4	70·1	25·3	74	...	1·8	...	5·2	0	0	29	0	6	9	11	1	0	0	2	2
Gannavaram ...	0530	88	1014·8	1011·7	...	67·2	65·5	64·3	20·8	91	...	1·3	...	4·1	0	0	28	11	15	1	0	0	0	1	0	3
	0830	,,	1017·2	1014·1	...	74·6	68·7	65·1	21·3	73	...	2·6	...	7·2	0	2	26	5	15	8	0	0	0	0	0	3
	1130	,,	1016·5	1013·5	...	82·0	71·1	64·9	21·0	57	...	3·2	...	8·9	0	1	30	0	4	19	7	0	0	0	1	0
	1730	,,	1013·2	1010·2	...	81·5	70·6	63·8	20·5	56	...	2·8	...	8·3	0	2	29	0	1	15	14	1	0	0	0	0
	2330	,,	1015·9	1012·8	...	69·8	66·8	65·0	21·1	85	...	1·0	...	3·0	0	0	27	6	12	6	1	0	0	0	2	4
Masulipatam ...	0530	10	1014·6	1014·2	...	68·4	66·4	65·4	21·2	92	...	2·0	...	4·8	0	0	27	14	12	1	0	0	0	0	0	4
	0830	,,	1016·8	1016·5	+0·4	72·4	68·6	66·2	22·2	81	− 2	2·9	+1·0	5·2	0	0	31	8	16	6	0	0	0	1	0	0
	1130	,,	1016·3	1016·0	...	80·7	71·2	65·9	21·8	61	...	3·0	...	8·9	0	5	26	1	1	27	1	0	0	1	0	0
	1730	,,	1013·5	1013·2	...	78·3	71·1	67·5	22·8	69	...	2·6	...	6·6	0	3	28	0	1	8	15	7	0	0	0	0
	2330	,,	1015·5	1015·2	...	73·0	68·9	66·1	23·6	80	...	1·2	...	3·5	0	0	15	1	9	4	1	0	0	0	0	16
Kakinada ...	0830	26	1017·1	1016·2	+0·6	76·6	69·2	64·5	21·0	67	− 8	1·6	−1·1	6·1	0	0	31	1	21	0	0	0	0	0	9	0
	1730	,,	1013·6	1012·7	...	78·3	71·6	68·1	23·4	71	...	1·2	...	6·0	0	0	31	0	9	0	22	0	0	0	0	0
Visakhapatnam ...	0530	11	1014·8	1014·4	...	63·8	63·2	62·5	19·6	96	...	1·5	...	0·1	0	0	2	0	0	0	0	0	0	0	2	29
	0830	,,	1017·2	1016·8	+0·7	73·2	68·5	66·0	21·7	77	+ 2	3·2	+0·6	2·1	0	0	14	2	3	1	0	0	0	1	7	17
	1130	,,	1016·5	1016·1	...	82·1	72·7	67·5	23·2	62	...	3·4	...	6·4	0	0	27	1	7	3	13	0	1	1	1	4
	1730	,,	1013·8	1013·4	...	77·0	71·7	68·7	24·1	76	...	3·2	...	9·0	0	5	26	0	0	12	17	2	0	0	0	0
	2330	,,	1016·0	1015·6	...	68·3	66·5	65·5	21·4	90	...	1·6	...	0·7	0	0	7	1	0	2	1	0	0	0	3	24
Calingapatam ...	0830	19	1016·9	1016·2	0	64·7	61·6	59·5	17·3	83	+ 3	3·4	+1·5	3·6	0	0	31	16	0	0	0	0	0	15	0	0
	1730	,,	1013·9	1013·2	...	77·5	69·6	65·1	21·2	62	...	4·0	...	8·3	0	0	31	0	0	16	15	0	0	0	0	0
Rentachintala ...	0830	348	1016·8	1004·5	...	69·5	64·0	60·0	17·8	72	+ 3	3·2	−0·4	0·3	0	0	4	0	0	4	0	0	0	0	0	27
	1730	,,	1012·0	1000·2	...	87·5	67·8	53·9	14·4	33	...	3·8	...	1·9	0	0	19	1	0	17	0	1	0	0	0	12
Rayalaseema																										
Arogyavaram ...	0830	2299	904·5	937·8	...	67·9	61·8	57·6	16·5	71	...	4·5	...	1·3	0	0	14	1	0	7	2	3	0	0	1	17
	1730	,,	901·8	934·3	...	79·6	64·1	53·1	14·1	42	...	4·4	...	3·5	0	0	31	1	17	8	4	1	0	0	0	0
Cuddapah ...	0830	428	1016·3	1001·5	+0·6	77·3	64·7	53·4	15·2	48	−26	3·2	+1·0	2·0	0	0	19	0	0	18	1	0	0	0	0	12
	1730	,,	1011·5	996·9	...	86·6	75·3	69·4	24·8	57	...	3·5	..	4·7	0	0	28	0	0	28	0	0	0	0	0	3
Bellary ...	0830	1473	1015·9	965·0	+0·4	69·6	62·2	56·4	15·7	64	0	2·9	+0·8	0·8	0	0	11	0	1	3	7	0	0	0	0	20
	1730	,,	1009·9	960·6	...	85·4	65·8	50·1	12·9	32	...	3·4	...	1·6	0	0	16	0	8	4	4	0	0	0	0	15
Kurnool ...	0830	923	1016·5	984·3	+0·6	70·8	63·4	58·3	16·6	65	− 4	2·3	+0·6	2·1	0	0	19	0	1	9	7	1	0	1	0	12
	1730	,,	1011·1	979·9	...	85·8	66·0	51·1	12·9	31	...	3·1	...	4·2	0	0	29	0	6	13	10	0	0	0	0	2
Anantapur ...	0530	1147	1013·8	973·6	...	64·5	59·4	55·4	15·0	72	...	0·9	...	2·0	0	0	14	0	2	9	0	2	0	1	0	17
	0830	,,	1015·8	975·9	...	69·8	62·7	56·5	16·3	64	...	3·1	...	3·5	0	0	19	0	3	12	1	2	1	0	0	12
	1130	,,	1014·7	975·6	...	81·0	65·9	55·3	15·0	42	...	3·0	...	7·8	0	3	27	0	7	18	5	0	0	0	0	1
			(a)	(a)																						
	1730	,,	1010·2	971·6	...	85·8	65·2	50·0	12·0	29	...	3·3	...	8·1	0	2	29	0	10	18	2	1	0	0	0	0
	2330	,,	1013·9	974·3	...	73·7	62·7	53·9	13·8	51	...	1·3	...	6·1	0	4	21	0	6	18	1	0	0	0	0	6
Tamilnad																										
Palayamcottai ...	0830	167	1014·9	1009·1	...	76·0	71·0	68·3	23·7	77	...	4·9	...	4·0	0	0	31	16	3	0	0	0	0	0	12	0
	1730	,,	1010·5	1004·8	...	83·3	73·5	68·2	23·8	62	...	3·6	...	5·9	0	0	30	0	8	15	0	0	2	3	2	1
Pamban ...	0830	37	1014·4	1013·1	+0·3	77·7	74·1	70·5	27·2	84	+ 1	5·6	+2·3	11·0	0	10	21	11	7	0	1	0	0	0	12	0
	1730	,,	1011·1	1009·8	...	78·9	73·9	71·5	24·9	78	...	4·8	...	12·5	0	19	12	4	26	0	0	0	0	0	1	0
Mathurai ...	0830	437	1015·0	999·8	+0·2	75·8	70·4	67·5	22·9	75	− 4	4·6	+1·0	2·8	0	0	28	12	9	1	1	0	0	1	4	3
	1730	,,	1010·6	995·7	...	83·6	71·9	65·7	21·6	56	...	4·7	...	2·7	0	0	27	2	12	13	0	0	0	0	0	4

* Observations for 30 days (a) Mean of 30 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	Wind speed, (m.p.h.): 13 to 38	Wind speed, (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1015·3	1014·2	+0·7	75·7	71·9	70·0	25·0	82	+ 3	5·3	+1·0	4·8	0	0	27	7	7	1	0	0	0	1	11	4
	1730	,,	1012·2	1011·1	...	79·1	73·4	70·5	25·5	75	...	5 2	...	8 8	0	1	29	8	18	4	0	0	0	0	0	1
Tiruchirapalli ...	0530	295	1013·7	1003·4	...	71·2	68·4	66·6	22·5	86	...	5·3	...	5·3	0	0	22	3	18	1	0	0	0	0	0	9
	0830	,,	1015·7	1005·4	+0·2	74·5	69·9	67·3	23·0	79	− 1	4·7	+1·8	7·9	0	1	29	8	19	2	0	0	0	0	1	1
	1130	,,	1015·3	1005·0	...	81·9	71·3	65·0	21·4	57	...	4·9	...	9·7	0	2	29	1	28	2	0	0	0	0	0	0
	1730	,,	1011·6	1001·4	...	83·6	71·3	63·7	20·6	53	...	4·9	...	10·3	0	4	27	0	18	13	0	0	0	0	0	0
	2330	,,	1014·9	1004·6	...	73·3	70·3	68·5	24·0	85	...	3·6	...	4·6	0	0	24	0	18	6	0	0	0	0	0	7
Coimbatore ...	0330	1341	1015·6	969·3	+0·4	71·4	65·6	61·9	18·9	72	− 8	3·9	+0·5	3·9	0	0	31	10	13	5	1	0	0	0	2	0
	1730	,,	1010·2	965·3	...	84·5	67·4	54·8	15·2	38	...	3·7	...	5·7	0	0	31	5	12	10	3	0	0	0	1	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1013·5	968·1	...	66·0	62·8	60·2	18·1	83	...	2·8	...	3·2	0	0	27	8	2	5	1	0	0	0	11	4
	0830	,,	1015·4	970·3	...	72·6	65·9	61·4	18·8	69	...	3·7	...	3·4	0	0	24	1	20	2	1	0	0	0	0	7
	1130	,,	1014·1	969·8	...	79·7	67·2	58·6	17·1	50	...	4·.	...	9·9	0	4	27	3	19	8	1	0	0	0	0	0
	1730	,,	1009·9	965·3	...	83·4	66·8	54 5	15·0	39	...	3·5	...	8 5	0	2	29	2	15	13	1	0	0	0	0	0
	2330	,,	1014·0	969·0	...	72·3	64·9	59·5	17·7	65	...	2·5	...	5 5	0	0	28	1	1	14	7	0	0	0	5	3
Salem ...	0530	913	1013·8	981·9	...	69·2	64·8	61·9	18·9	78	...	3·2	...	2·6	0	0	24	0	22	1	1	0	0	0	0	7
	0830	,,	1015·6	983·9	+0·2	71·7	65·7	61·7	18·9	71	− 5	4·0	+1·5	4·4	0	0	31	0	24	5	0	0	0	0	2	0
	1130	,,	1014 6	983·5	...	82·9	68·4	58·9	17·1	45	...	3·9	...	4·2	0	0	30	4	14	7	3	1	0	1	0	1
	1730	,,	1009·9	979·1	...	86·4	68·6	56·0	15·8	37	...	3·4	...	5·3	0	0	30	1	1	20	4	1	0	2	1	1
	2330	,,	1014·1	982·7	...	76·2	67·9	62·4	19·6	64	...	3·5	...	5·6	0	0	29	0	21	4	1	2	1	0	0	2
Kallakurichi ...	0830	416	1015·7	1001·2	...	72·9	67·6	64·2	20·6	74	...	4·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1011·3	997·1	...	83·7	9·3	60·9	18·0	46	...	4·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530*	39	1013·4	1012·0	...	70·4	67·5	66·0	21·7	86	...	3·9	...	1·1	0	0	13	5	7	0	0	0	0	1	17
	0830	,,	1015·8	1014·4	+0·6	75·7	70·7	68·2	23·4	78	= 6	5·5	+2·0	4·4	0	0	30	22	7	1	0	0	0	0	0	1
	1130	,,	1015·0	1013·6	...	80·8	73·5	69·5	24·9	69	...	4·1	...	4·3	0	0	28	13	15	0	0	0	0	0	0	3
	1730	,,	1012·2	1010·8	...	79·1	73·2	69·1	25·2	72	...	4·3	...	3·7	0	0	29	4	24	1	0	0	0	0	0	2
	2330	,,	1014·3	1012·9	...	76·9	72·0	70·0	24·6	79	...	3·2	...	2·4	0	0	15	4	11	0	0	0	0	0	0	16
Vellore ...	0530	703	1014·3	989·5	...	65·9	63·8	62·2	19·3	88	...	3·8	...	0·6	0	0	5	2	2	1	0	0	0	0	0	26
	0830	,,	1016·4	991·8	+0·7	70·6	65·8	62·7	19·5	76	−10	4·4	+1·6	0·6	0	0	7	0	7	0	0	0	0	0	0	24
	1130	,,	1015·2	991·1	...	80·7	69·1	61·0	19·1	52	...	4·6	...	5·8	0	0	31	4	17	10	0	0	0	0	0	0
	1730	,,	1011·5	987·5	...	83·1	67·8	56·9	16·3	43	...	3·9	...	6·7	0	0	31	1	13	16	1	0	0	0	0	0
*	2330	,,	1015·3	990·8	...	72·6	67·4	64·1	20·6	75	...	2·7	...	5·1	0	1	22	3	10	7	2	1	0	0	0	7
Madras ...	0530	51	1013·6	1011·8	...	70·7	68·6	67·5	22·9	89	...	3·8	...	5·6	0	0	31	7	2	0	0	0	0	6	16	0
	0830	,,	1016·1	1014·3	+0·6	74·3	70·2	68·0	23·4	81	− 3	4·3	+1·2	6·5	0	0	31	14	6	0	0	0	0	4	7	0
	1130	,,	1015·6	1013·8	...	81·6	71·9	66·4	22·3	61	...	4·9	...	9·4	0	2	29	4	21	6	0	0	0	0	0	0
	1730	,,	1012·9	1011·1	...	79·5	71·5	67·0	22·7	66	...	4·4	...	10·5	0	6	25	1	23	7	0	0	0	0	0	0
	2330	,,	1015·0	1013·2	...	74·5	70·5	68·5	23·7	81	...	3·3	...	5·8	0	0	29	12	10	1	0	0	0	2	4	2
Madras ... (Nungambakkam)	0830	21	1015·4	1014·6	...	76·8	71·0	67·6	23·3	74	...	4·2	...	4·3	0	0	31	8	12	0	0	0	0	0	11	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1011·9	1009·3	...	72·5	69·1	67·3	22·8	84	...	1·5	...	6·0	0	0	30	0	1	29	0	0	0	0	0	1
	0830	,,	1013·8	1011·3	−0·1	74·6	68·7	65·1	21·3	73	+ 5	3·4	+1·4	5·7	0	0	30	0	4	25	1	0	0	0	0	1
	1130	,,	1013·7	1011·2	...	85·5	70·5	60·9	18·7	46	...	3·0	...	6·7	0	0	31	0	4	16	6	0	2	0	3	0
	1730	,,	1010·2	1007·7	...	83·7	74·0	68·6	24·3	61	...	3·6	...	6·5	0	1	30	1	0	0	0	0	5	9	16	0
	2330	,,	1013·0	1010·5	...	77·6	73·2	70·9	25·9	80	...	1·9	...	3·6	0	0	27	1	1	22	0	0	0	1	2	4
Kozhikode ...	0530	27	1011·2	1010·3	...	74·3	71·6	70·4	25·1	88	...	1·5	...	5·3	0	0	31	0	12	19	0	0	0	0	0	0
	0830	,,	1013·8	1012·9	+0·3	78·4	71·8	68·8	23·9	71	− 7	3·8	+1·0	4·7	0	0	31	1	14	13	1	0	1	1	0	0
	1130	,,	1013·5	1012·6	...	90·6	76·7	70·0	25·1	51	...	3·4	...	5·4	0	0	30	1	0	2	0	1	12	11	3	1
	1730	,,	1009·6	1008·7	...	86·9	77·2	72·9	27·5	63	...	4·1	...	11·1	0	2	29	0	0	0	0	0	6	16	9	0
	2330	,,	1012·5	1011·6	...	78·8	74·4	72·1	27·1	80	...	2·4	...	5·3	0	0	31	4	19	2	0	0	0	1	5	0
Palghat ...	0830	319	1014·4	1003·3	...	77·4	69·2	64·1	20·7	64	...	2·3	...	8·6	0	1	30	0	0	30	1	0	0	0	0	0
	1730	,,	1009·3	998·5	...	89·3	71·3	60·8	18·0	38	...	2·9	...	6·7	0	0	31	0	0	30	0	0	0	1	0	0
Mysore																										
Chitaldrug ...	0830	2405	904·0	933·4	+0·3	68·7	60·5	54·2	14·7	61	− 1	3·3	+1·1	3·5	0	0	26	0	2	19	2	1	1	0	1	5
	1730	,,	901·1	929·8	...	82·4	62·5	48·0	11·2	31	...	3·8	...	4·4	0	0	31	0	2	29	0	0	0	0	0	0
Shimoga ...	0830	1872	901·8	951·9	...	64·9	59·3	55·1	14·9	71	...	3·0	...	1·8	0	0	17	1	3	2	4	5	2	0	0	14
	1730	,,	899·5	946·5	...	85·3	64·2	47·4	12·0	29	...	3·5	...	5·9	0	0	30	3	13	9	3	0	1	1	0	1
Hassan ...	0830	3149	905·0	909·4	...	64·8	58·6	54·0	14·3	68	− 4	3·1	+0·6	4·5	0	0	22	0	3	11	7	0	0	1	0	9
	1730	,,	901·7	906·0	...	80·3	62·6	49·5	12·1	35	.	3·8	...	5·4	0	0	30	0	3	19	7	0	0	1	0	1
Bangalore (Central Observatory) ...	0830	3021	905·1	913·7	+0·5	65·4	59·9	55·6	15·1	72	− 6	4·0	+1·0	6·7	0	1	28	0	6	20	3	0	0	0	0	2
	1130	,,	905·0	913·5	...	75·6	61·0	48·5	12·4	41	...	3·0	...	8·6	0	2	28	0	7	17	5	1	0	0	0	1
	1730	,,	901·9	910·3	...	77·5	60·9	47·2	10·8	37	...	3·8	...	8·2	0	2	29	0	6	20	5	0	0	0	0	0
Bangalore ... (Aerodrome)	0530	2942	902·9	914·3	...	61·1	58·9	57·3	16·2	87	...	3·5	...	...	...	...	...	0	0	7	9	0	0	0	0	15
	0830	,,	905·1	916·4	...	65·5	60·8	57·6	16·3	77	...	4·2	...	...	...	...	...	0	2	16	6	0	0	0	0	7
	1130	,,	905·1	916·2	...	76·1	62·7	53·5	14·1	47	...	3·8	...	...	...	...	...	0	2	16	10	0	0	0	0	3
	1730	,,	902·1	913·1	...	79·0	63·3	51·7	13·5	41	...	3·8	...	...	...	...	...	1	2	15	13	0	0	0	0	0
	2230	,,	904·3	915·7	...	66·7	60·3	57·6	14 8	68	...	2·8	...	...	...	...	...	0	0	13	13	0	0	0	0	5

* Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above meansea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore—*contd.*																										
Mysore ...	0830	2518	904·1	929·8	+0·3	67·4	61·9	58·2	16·7	73	+ 2	2·9	+0·2	7·6	0	4	27	3	10	18	0	0	0	0	0	0
	1730	,,	901·2	926·0	...	82·4	64·1	50·6	13·2	35	...	3·7	...	9·8	0	7	24	4	11	15	1	0	0	0	0	0
Balehonnur ...	0830		...	...	...	64·6	59·6	56·6	15·2	75	+ 2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Travancore and Cochin																										
Fort Cochin ...	0830	10	1013·7	1013·4	+0·4	79·7	72·5	68·5	2[illegible]·0	70	0	5·0	+3·1	4·5	0	0	31	0	14	13	4	0	0	0	0	0
	1730	,,	1009·4	1009·1	...	84·5	75·7	70·9	26·4	65	...	5·2	...	8·2	0	1	30	0	2	0	0	0	8	14	7	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1011·5	1011·3	...	72·7	70·0	68·8	23·8	88	...	2·9	...	2·3	0	0	18	1	9	8	0	0	0	0	0	13
	0830	,,	1013·5	1013·3	...	76·9	71·1	67·9	23·4	74	...	3·1	...	3·7	0	0	28	1	9	17	1	0	0	0	0	3
	1130	,,	1013·0	1012·8	...	85·4	73·5	66·9	22·8	55	...	2·7	...	4·7	0	0	30	2	8	7	4	2	0	3	4	1
	1730	,,	1009·4	1009·2	...	84·8	74·8	69·7	24·9	61	...	3·8	...	6·4	0	1	30	0	1	0	0	0	5	20	5	0
	2330	,,	1012·6	1012·4	...	77·9	73·8	72·3	26·7	83	...	2·5	...	2·0	0	0	16	0	2	8	0	0	2	3	1	15
Alleppey ...	0830	12	1013·5	1013·1	...	79·7	74·4	71·6	2[illegible]·7	78	...	3·9	...	3·3	0	0	30	0	8	14	8	0	0	0	0	1
	1730	,,	1009·6	1009·2	...	84·9	77·2	74·0	28·4	70	...	4·0	...	10·0	0	5	26	0	0	1	0	0	3	16	11	0
Trivandrum ...	0530	211	1011·1	1003·8	...	74·0	71·1	69·4	24·5	86	...	1·9	...	2·0	0	0	27	8	14	3	1	0	0	0	1	4
	0830	,,	1013·2	1005·9	+0·3	76·9	72·2	69·6	24·8	79	+ 2	3·2	+0·6	2·0	0	0	27	3	12	7	1	0	0	0	4	4
	1130	,,	1012·5	1005·3	...	85·4	73·7	67·2	23·1	56	...	4·1	...	2·1	0	0	29	2	4	0	1	1	11	6	4	2
	1730	,,	1009·8	1002·6	...	83·5	74·4	69·6	25·0	64	...	4·2	...	2·8	0	0	30	0	0	0	0	4	15	10	1	1
	2330	,,	1012·6	1005·3	...	77·6	73·6	71·5	26·5	82	...	3·2	...	1·5	0	0	19	3	7	4	0	0	1	1	3	12
Nagercoil ...	0530	195	1011·0	1004·3	...	75·7	69·4	65·6	21·7	71	...	3·4	...	7·9	0	8	20	1	26	1	0	0	0	0	0	3
	0830	,,	1013·2	1006·5	...	79·9	70·8	65·5	21·6	62	...	4·3	...	7·9	0	4	24	0	26	1	0	0	0	1	0	3
	1130	,,	1012·7	1006·1	...	86·4	72·0	63·2	20·3	47	...	4·3	...	11·6	0	4	17	0	24	4	0	0	1	2	0	0
	1730	,,	1009·7	1003·1	...	84·3	73·6	67·9	23·4	59	...	5·1	...	9·0	0	6	25	0	15	3	0	0	2	10	1	0
	2330	,,	1012·7	1006·0	...	78·1	71·4	67·6	24·1	71	...	4·0	...	8·6	0	4	24	0	24	3	0	0	0	1	0	3
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	903·6	893·6	...	60·1	52·6	44·4	10·6	60	...	1·9	...	3·8	0	0	24	1	2	11	2	1	3	4	6	7
	1730	,,	901·3	891·3	...	59·7	53·6	48·2	11·6	68	...	1·6	...	4·4	0	0	29	1	1	1	0	0	10	4	12	2
Shillong ...	0830	4921	905·3	853·4	+0·7	52·9	47·1	40·3	8·6	64	- 6	1·3	-0·2	1·4	0	0	13	2	2	2	2	1	4	0	2	18
	1730	,,	902·6	851·9	...	53·1	50·2	47·3	11·1	82	...	5·5	...	0·6	0	0	8	2	3	0	0	0	1	0	2	23
Cherrapunji ...	0830	4309	906·5	873·9	+2·3	57·0	49·3	42·2	9·1	59	- 4	1·9	-0·1	2·1	0	0	30	0	11	10	0	2	4	3	0	1
	1730	,,	903·4	870·7	...	54·3	51·1	48·1	11·6	81	...	1·9	...	1·7	0	0	26	5	2	0	2	3	7	4	3	5
Darjiling ...	0830	7432	802·7	777·7	+0·7	44·5	41·7	38·9	7·8	81	+ 6	2·8	-0·6	4·7	0	0	29	0	0	23	1	0	0	5	0	2
	1730	,,	800·7	775·7	...	42·1	41·2	40·3	8·4	97	...	3·3	...	5·5	0	0	29	0	0	5	1	0	0	23	0	2
Darjiling (Raj Bhawan) ...	0830	6980	809·3	797·2	...	45·1	40·8	35·3	7·0	68	...	3·7	...	0·5	0	0	8	3	1	0	0	0	1	2	1	23
	1730	,,	806·5	794·5	...	46	43·3	39·7	8·5	78	...	5·9	...	1·5	0	0	21	1	0	0	0	1	17	2	0	10
Kalimpong ...	0830	3965	906·6	884·5	+1·4	51·5	48·2	44·8	10·0	78	+ 3	1·8	-0·6	3·6	0	0	29	0	0	0	0	0	0	0	29	2
	1730	,,	902·7	881·0	...	55·4	50·7	46·0	10·9	72	...	3·8	...	4·7	0	0	31	0	0	0	31	0	0	0	0	0
Katmandu ...	0830	4388	908·4	872·1	...	40·9	39·8	38·4	9·3	90	+ 5	5·2	+0·2	0·5	0	0	7	0	0	2	3	1	0	0	1	24
	1730	,,	903·8	868·6	...	55·6	49·1	42·5	1·6	62	...	0·5	...	0·8	0	0	9	3	0	1	2	0	0	0	3	22
Mukteswar (Kumaon) ...	0830	7592	803·5	773·8	+0·7	43·6	34·0	16·4	3·4	39	-10	2·6	-0·5	7·4	0	2	27	1	4	5	1	0	1	11	6	2
	1730	,,	802·1	772·5	...	47·5	38·1	23·9	4·3	44	...	2·5	...	8·4	0	5	25	0	2	2	1	1	4	13	7	1
Lokpal ...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	802·4	798·7	...	45·5	36·9	22·5	4·3	48	- 8	3·6	+0·1	3·4	0	1	23	7	7	0	5	4	0	0	1	7
Simla ...	1730*	,,	801·7	797·9	...	50·6	41·3	32·6	5·9	64	...	2·6	...	2·6	0	1	21	2	2	0	0	8	3	1	0	8
	0830	7224	802·3	783·1	+1·3	43·0	33·1	9·9	2·9	33	-10	2·4	-1·4	2·3	0	0	28	4	3	1	8	9	2	0	1	3
Dalhousie ...	1730	,,	801·7	782·6	...	45·2	37·6	26·3	5·0	52	...	3·6	...	1·9	0	0	26	7	3	2	6	4	2	1	1	5
	0830	...	...	...	...	44·3	38·5	30·4	5·7	63	- 1	2·1	...	0·7	0	0	3	0	3	0	0	0	0	0	0	28
	1730	...	...	...	...	45·7	41·3	35·1	7·3	68	...	2·8	...	0·6	0	0	3	0	0	1	1	0	1	0	0	28
Dharamshala ...	0830	3975	910·7	888·1	...	50·8	43·2	34·9	6·3	55	...	3·0	...	2·2	0	0	31	22	0	9	0	0	0	0	0	0
	1730	,,	909·9	887·4	...	56·9	49·9	43·3	9·2	61	...	3·9	...	2·9	0	0	30	7	0	5	0	1	0	17	0	1
Pachmarhi ...	0830	3528	906·5	898·5	+0·8	52·6	46·9	40·6	8·7	65	+ 2	1·5	-0·4	1·7	0	0	23	1	3	2	2	8	4	3	0	8
	1730	,,	904·3	896·7	...	72·0	55·3	38·6	8·2	31	...	2·1	...	1·7	0	0	24	5	6	2	2	2	1	3	3	7
Abu ...	0830	3921	905·5	885·0	+1·0	57·0	45·0	27·8	5·4	34	-10	0·9	-0·8	1·2	0	0	12	1	1	1	2	3	1	2	1	19
	1730	,,	903·7	883·6	...	65·7	50·7	33·4	6·6	32	...	0·6	...	1·8	0	0	18	3	2	2	2	3	2	3	1	13
Mahabaleshwar ...	0830	4534	905·4	866·3	+0·8	63·1	53·3	43·6	9·9	51	- 1	2·5	+1·5	6·9	0	3	28	0	6	11	12	0	1	1	0	0
	1730	,,	902·3	863·9	...	71·9	58·8	48·1	11·6	45	...	2·2	...	3·4	0	0	30	1	6	7	1	0	5	1	9	1
Nandi Hills ...	0830	...	...	...	...	62·2	53·8	46·4	10·8	60	...	4·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	905·4	889·6	+1·7	62·5	57·7	53·5	14·4	75	- 3	3·0	-0·4	4·8	0	0	28	0	14	14	0	0	0	0	0	3
Kodaikanal ...	1730	,,	902·3	887·0	...	75·0	61·8	50·9	13·5	47	...	2·9	...	2·5	0	0	26	0	12	13	0	0	0	0	1	5
	0830	7688	805·0	773·3	+1·3	53·6	46·3	35·6	8·1	61	+ 6	3·9	+1·1	9·0	0	7	23	4	5	8	11	0	0	0	2	1
	1130	,,	804·8	773·5	...	59·0	50·5	41·0	9·5	58	...	4·5	...	9·7	0	10	21	2	5	7	13	0	0	0	4	0
Ootacamund ...	1730	,,	803·1	771·7	...	55·3	51·4	47·7	11·5	78	...	5·3	...	4·5	0	2	22	1	9	2	6	0	0	0	6	7
	0830	7378	804·4	781·3	+0·6	51·5	45·5	38·1	8·3	63	+ 5	2·6	+0·4	3·3	0	1	16	1	12	2	2	0	0	0	0	14
Coonoor ...	1730	,,	802·5	779·8	...	59·6	53·0	47·7	11·4	67	...	3·9	...	2·6	0	0	23	2	16	3	0	2	0	0	0	8
	0830	...	...	...	...	57·2	51·3	46·3	10·8	69	+ 4	4·5	+1·2	3·7	0	0	31	2	3	2	19	5	0	0	0	0
Sikkim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	0830	...	...	...	...	39·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JANUARY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	38·0	36·1	33·5	6·5	85	+4	0·4	-1·7	...	...	...	...	...	...	...	...	..	...	...	...	...
Lhasa * ...	0830	12,090	628·7	656·0	...	26·9	25·9	24·5	4·4	90	...	0·4	...	1·2	0	0	12	0	1	4	4	1	1	1	0	12
Gyantse ...	0830	13,110	624·7	625·5	...	25·1	21·1	14·5	2·6	60	-4	0·3	-0·7	1·2	0	0	14	0	2	5	2	3	0	1	1	17
Ceylon																										
Colombo ...	0830	24	1013·6	1012·3	+0·3	75·4	72·9	71·7	25·6	88	+3	5·5	+1·4	5·5	...	...	...	4	21	2	2	0	0	0	0	2
	1730	,,	1010·0	1008·7	...	80·9	75·9	73·1	28·3	78	...	6·6	...	7·6	...	...	...	9	7	0	1	1	3	1	8	1
Trincomalee * ...	0830	24	1013·9	1013·1	+0·4	77·6	73·6	71·4	29·3	82	-1	6·5	+2·2	10·1	...	...	...	12	14	1	0	1	0	1	0	2
	1730	,,	1011·2	1010·0	...	78·5	74·2	71·9	29·8	81	...	7·0	...	13·4	...	...	...	16	11	2	0	1	0	0	1	0
Batticoloa ...	0830	20	1013·6	1013·2	...	76·8	73·5	73·1	26·7	85	...	6·5	...	6·9	...	...	...	4	9	3	1	1	1	6	5	1
	1730	,,	1010·8	1010·4	...	78·8	75·5	73·7	28·7	85	...	6·2	...	9·2	...	...	...	10	17	2	0	0	0	0	2	0
Hambantota ...	0830	61	1012·7	1010·6	+0·4	76·7	73·7	72·0	27·0	85	0	5·3	+1·9	13·1	...	...	...	9	22	0	0	0	0	0	0	0
	1730	,,	1010·0	1007·9	...	79·9	75·4	73·4	28·0	81	...	6·0	...	17·8	...	...	...	1	17	9	2	1	1	0	0	0
Mannar ...	0830	12	1014·3	1013·9	...	77·3	74·0	72·3	27·2	85	...	5·5	...	7·2	...	...	...	5	21	1	0	2	0	0	0	2
	1730	.	1011·1	1010·7	...	80·0	74·5	71·4	26·7	76	...	5·7	...	10·5	...	...	...	3	26	2	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damoder Catchment																										
Bokaro ...	0530	784	1016·8	988·1	...	48·9	47·5	46·0	10·5	89	...	0·9	...	1·8	0	0	22	5	0	0	0	0	0	0	17	9
	0830	,,	1018·6	990·2	...	54·7	50·9	47·0	11·0	75	...	1·5	...	1·0	0	0	16	0	0	0	1	0	1	2	12	15
	1130	,,	1016·6	989·4	...	74·4	59·3	45·2	10·4	36	...	1·5	...	2·6	0	0	27	4	1	1	5	2	4	3	7	4
	1730	,,	1013·5	986·3	...	73·8	59·3	45·6	10·8	38	...	1·4	...	2·3	0	0	25	4	11	2	0	0	0	1	7	6
	2330	,,	1016·9	988·7	...	55·9	52·1	48·3	11·6	76	...	0·8	...	2·5	0	0	26	3	0	0	0	0	0	3	20	5
Hazaribagh ...	0530	2019	900·6	945·3	...	52·1	47·9	43·7	9·6	73	...	0·3	...	2·2	0	0	18	1	0	1	2	0	5	6	3	13
	0830	,,	903·3	947·2	...	62·2	53·3	44·9	10·3	54	...	1·3	...	3·0	0	0	25	2	0	1	4	1	4	8	5	6
	1130	,,	903·6	946·7	...	71·0	56 0	41·7	9·3	36	...	1·3	...	5·8	0	1	30	5	1	1	1	3	0	12	8	0
	1730	,,	901·3	944·6	...	67·8	55·1	43·3	9·7	43	...	1·0	...	3·3	0	0	26	9	1	1	2	0	0	4	9	5
	2330	,,	901·7	946·1	...	55·1	49·9	44·6	10·1	68	...	0·5	...	1·9	0	0	18	2	0	1	1	0	1	7	6	13
Mahanadi Catchment																										
Baramul ...	0830	210	1018·4	1010·9	...	67·2	61·1	56·8	15·8	70	...	...	...	3·3	0	0	28	0	18	3	5	1	0	0	1	3
	1730	,,	1014·5	1007·2	...	65·5	62·3	59·0	16·8	79	...	...	...	0·1	0	0	2	0	0	0	0	0	1	0	1	29
Hirakud ...	0830	522	1017·9	999·2	...	65·3	58·4	50·5	13·3	59	...	...	...	0·9	0	0	23	3	3	7	1	1	0	5	3	8
	1730	,,	1014·1	995·9	...	79·2	63·9	52·5	13·6	40	...	...	...	0·9	0	0	23	5	0	2	2	10	0	1	3	8
Barkachhar ...	0830	...	...	...	...	61·2	54·7	48·3	11·7	64	...	0	...	2·7	0	0	31	1	1	1	1	7	12	7	1	0
	1730	...	...	...	...	76·3	62·7	49·8	13·8	40	...	0	...	1·2	0	0	18	6	4	1	1	0	1	1	4	13
Sonepur ...	0830	...	...	...	...	64·5	58·7	54·0	14·0	69	...	...	...	2·3	0	0	22	2	0	5	4	0	1	8	2	9
Ginabahar ...	0830	...	...	...	...	62·3	57·7	53·0	14·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	64·5	53·8	47·3	11·3	54	...	1·3	...	1·0	0	0	11	2	4	3	0	0	0	1	1	20
	1730	...	...	...	...	78·6	56·5	46·5	16·8	33	...	1·6	...	1·0	0	0	10	0	3	3	2	0	0	0	2	21
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	44·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	Closed during winter months				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	61·9	50·9	37·5	7·9	41	...	1·5	...	2·3	0	0	21	0	6	13	1	0	0	0	1	10
	1730	...	...	...	...	83·2	63·1	45·7	10·7	28	...	1·5	...	2·8	0	0	28	0	6	8	4	0	3	4	3	3
Bagra Tawa ...	0830	...	...	...	...	59·9	51·6	42·5	9·4	53	...	1·8	...	2·3	0	0	28	0	5	6	0	1	6	10	0	3
	1730	...	...	...	...	77·4	60·3	44·3	10·0	32	...	2·0	...	2·0	0	0	24	0	4	10	1	0	5	4	0	7
Thikri ...	0830	...	...	...	...	63·0	56·9	51·9	13·1	68	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	53·8	46·2	37·0	7·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	60·6	50·3	38·0	7·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(R) Register not received. * Observations for 24 days.

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

JANUARY 1952

	ALLAHABAD (Sur. Pr. 1005 mb.)						CALCUTTA (1014 mb.)						JODHPUR (991 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	96	290·7	295	287	280·8	28	7	291·8	295	289	288·2	31	218	292·6	297	288	275·3
1000	31	137	...	...	...	...	28	134	...	...	...	...	31	140	...	...	...	...
900	31	1042	289·5	295	285	272·1	27	1040	288·5	292	285	276·0	31	1044	288·8	294	283	272·9
850	30	1527	286·8	291	283	267·1	26	1520	284·7	290	280	269·0	31	1525	284·8	290	279	271·7
800	30	2035	283·8	291	279	264·1	26	2027	283·3	288	276	265·3	31	2029	281·1	287	275	269·1
700	30	3133	276·4	283	267	258·0	26	3127	278·7	285	272	255·8	30	3116	273·8	280	270	264·5
600	30	4363	268·0	274	260	256·0	26	4368	270·1	276	264	252·5	29	4335	265·2	272	261	...
500	30	5770	258·1	263	252	...	25	5785	260·4	268	252	...	30	5727	255·7	262	247	...
400	30	7418	246·0	253	237	...	21	7457	249·4	258	239	...	29	7360	243·8	250	238	...
300	28	9438	231·9	243	219	...	13	9493	235·0	242	229	...	26	8364	230·1	237	222	...
250	23	10656	224·4	237	211	...	8	10717	225·5	231	221	...	26	10574	261·5	235	212	...
200	18	12113	217·5	229	208	...	...	...	...	...	...	...	25	12009	215·8	224	205	...
175	11	12903	213·1	225	204	...	...	...	...	...	...	...	19	12851	212·3	219	204	...
150	6	13902	211·0	221	199	...	...	...	...	...	...	...	11	13757	209·2	219	197	...
125	...	...	...	...	...	...	...	...	...	...	...	...	6	14855	205·2	217	194	...
100	...	...	...	...	...	...	...	...	...	...	...	...	9	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	MADRAS (1012 mb.)						NAGPUR (980 mb.)						NEW DELHI (991 mb.)					
Surface	31	15	298·3	299	296	293·1	31	307	294·6	297	292	279·5	31	217	289·5	293	285	281·7
1000	31	125	...	...	...	...	31	128	...	...	...	...	31	142	...	...	...	...
900	31	1040	292·1	296	288	283·6	31	1044	293·4	298	291	278·7	31	1037	287·9	294	282	273·0
850	31	1530	290·3	294	287	278·5	31	1534	289·9	295	287	278·6	31	1523	285·1	291	278	268·5
800	31	2047	288·4	291	285	273·3	31	2048	286·2	290	282	275·5	31	2025	281·3	289	273	267·2
700	31	3170	283·9	287	281	266·3	31	3156	280·5	286	275	266·9	31	3114	273·9	284	268	261·8
600	31	4441	277·4	280	273	259·3	31	4415	273·6	279	267	261·4	31	4339	265·4	276	259	...
500	31	5900	268·5	271	265	...	27	5852	264·3	267	260	...	31	5724	255·4	276	248	...
400	29	7624	258·6	262	254	...	23	7554	253 3	259	249	...	31	7367	236·2	250	234	...
300	28	9738	243·9	248	236	...	18	9636	240·8	249	234	...	31	9347	228·5	239	218	...
250	27	11019	234·0	239	229	...	15	10908	233·0	242	226	...	29	10556	221·6	232	209	...
200	22	12525	224·6	231	220	...	12	12407	222·7	231	217	...	25	11979	215·8	227	201	...
175	17	13357	218·3	224	213	...	7	13300	218·7	224	215	...	17	12853	212·5	223	199	...
150	15	14315	211·5	218	202	...	6	14379	212·3	224	207	...	...	...	...	...	...	...
125	8	15498	206·6	211	202	...	...	...	...	...	...	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RADIOSONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

JANUARY 1952

	POONA (Sur. Pr. 1011 mb.)						PORT BLAIR (1011 mb.)						TRIVANDRUM (1004 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	557	294·3	298	291	283·9	30	2	299·0	300	298	297·0	31	64	300·1	302	299	295·2
1000	31	121	...	...	...	...	30	115	...	...	...	...	31	103	...	...	...	...
900	31	1040	296·6	300	293	277·9	30	1036	293·0	296	288	290·0	31	1027	293·5	295	291	288·9
850	31	1535	293·5	297	291	276·3	30	1528	291·0	294	287	286·0	31	1520	290·7	293	287	286·1
800	31	2054	289·1	291	286	272·9	30	2045	289·0	292	284	282·0	31	2039	288·3	291	285	281·2
700	31	3176	282·3	285	277	260·8	29	3171	284·0	287	276	279·0	31	3162	283·5	285	281	271·9
600	31	4439	275·8	279	272	252·6	29	4441	277·0	282	271	268·0	31	4431	276·3	280	274	265·7
500	31	5888	266·5	271	263	...	26	5901	269·0	272	265	...	30	5888	268·4	271	264	...
400	30	7594	255·7	260	251	...	24	7624	259·0	263	254	...	27	7612	258·1	261	254	...
300	28	9689	241·3	245	236	...	19	9749	245·0	249	241	...	22	9728	243·9	250	241	...
250	27	10992	232·3	237	225	...	11	11087	234·0	238	231	...	19	11010	234·9	239	231	...
200	25	12452	222·9	228	214	...	5	12521	223·0	224	219	...	16	12512	223·9	231	217	...
175	14	13378	217·9	222	211	...	...	...	...	...	...	...	10	13382	217·4	219	215	...
150	13	14279	210·5	215	203	...	...	...	...	...	...	...	5	14357	212·0	214	211	...

	VERAVAL (1013 mb.)						VISAKHAPATNAM (1009 mb.)					
Surface	31	8	295·0	297	292	289·2	30	48	297·3	298	295	292·2
1000	31	125	...	...	...	...	30	131	...	...	...	...
900	31	1043	293·3	299	284	268·0	30	1043	291·6	297	287	284·4
850	31	1532	290·1	296	282	274·5	29	1530	289·0	292	285	280·4
800	31	2048	287·2	290	282	270·9	29	2045	286·9	292	282	275·3
700	31	3161	280·8	285	277	265·3	29	3162	281·9	287	275	265·7
600	31	4417	273·6	278	271	258·7	27	4415	275·2	279	271	262·3
500	31	5857	264·7	270	261	...	27	5870	267·1	272	260	...
400	30	7550	253·0	262	247	...	26	7581	257·0	263	252	...
300	29	9626	239·6	247	232	...	24	9695	243·8	255	239	...
250	28	10882	230·3	238	223	...	24	10933	235·0	242	230	...
200	19	12368	220·9	226	215	...	22	11470	225·0	234	218	...
175	15	13222	216·5	223	213	...	19	13440	219·8	228	214	...
150	13	14183	212·0	217	209	...	18	14333	214·4	225	207	...
125	7	15295	209·4	213	201	...	14	15511	210·3	221	204	...
100	7	16677	206·4	213	195	...	13	16872	205·5	213	196	...
80	...	...	...	...	...	...	...	...	...	...	...	...

Note :— Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273 °A.

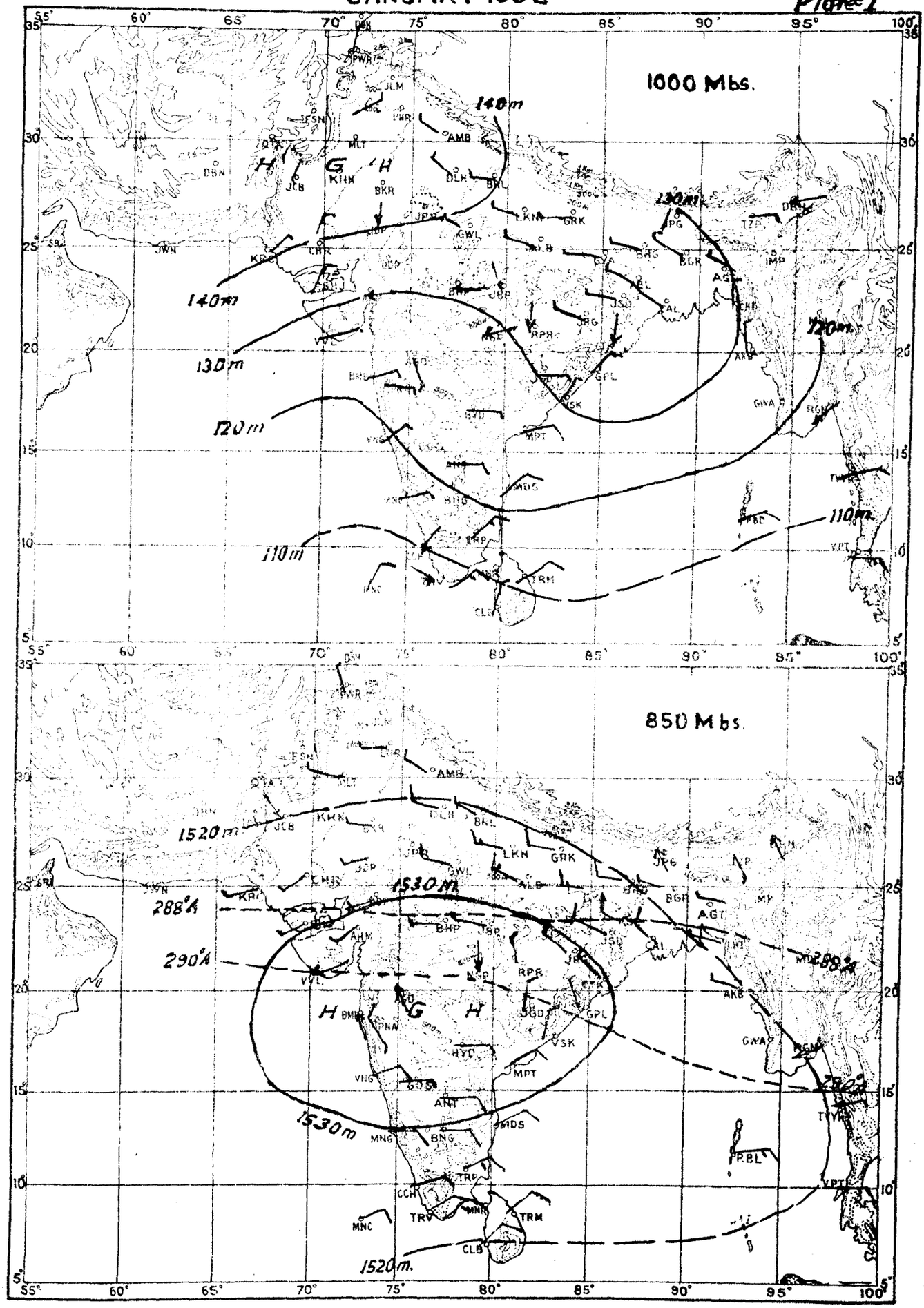
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S_1—$_{110}$DDG Ob. Poona—11-2-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JANUARY 1952

Plate I

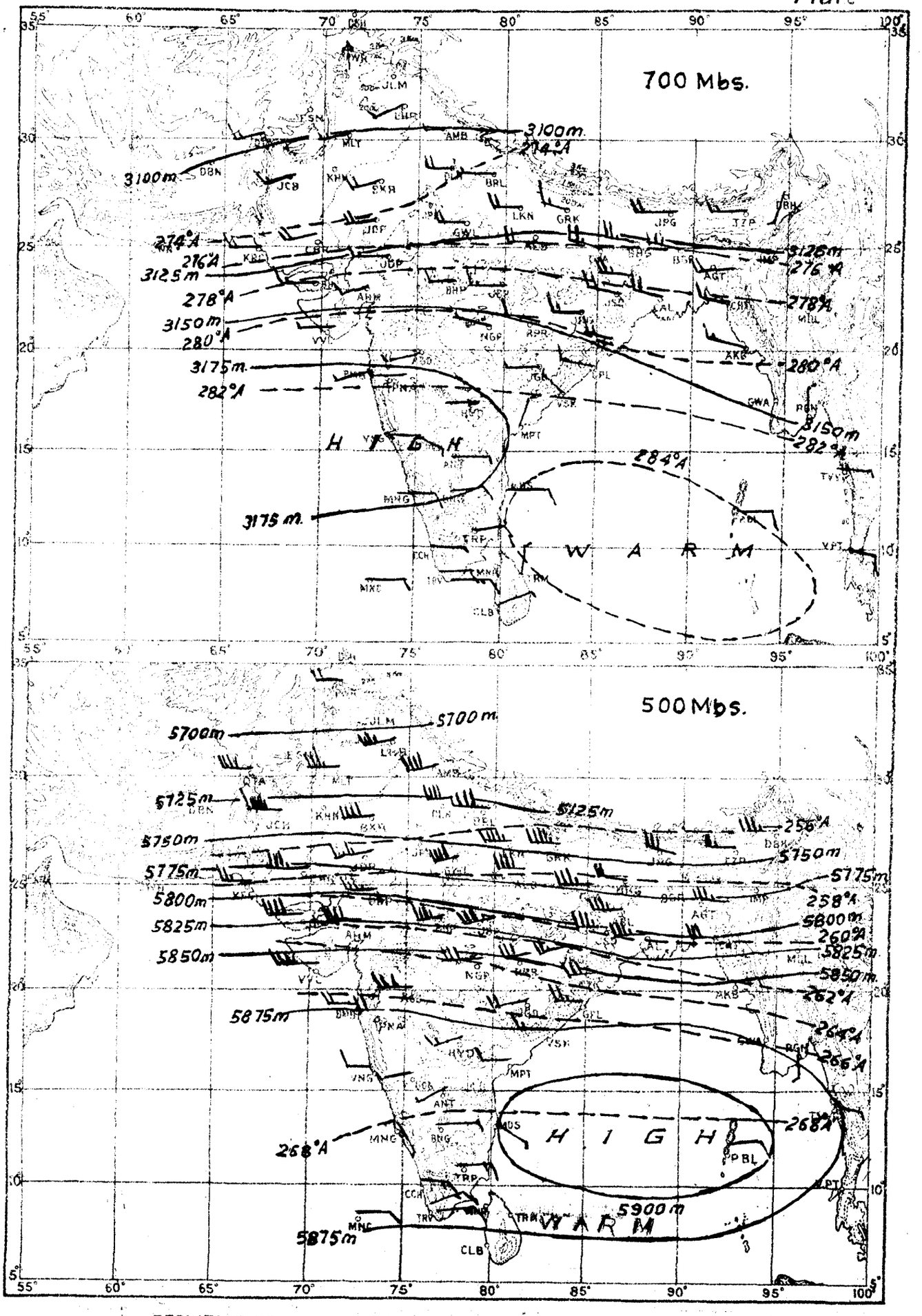


G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JANUARY 1952

Plate II



RESULTANT WIND —— = 5 Knots, —— = 10 Knots, —— = 50 Knots.

Isotherms in degrees Absolute

Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

FEBRUARY

Published by authority of the Government of India

Chief features: (1) Two western disturbances, (2) Good thunderstorm activity in the central parts of the country during the second week and (3) Well distributed rainfall over Uttar Pradesh, the Puajab (I), Bihar and the South Peninsula during the last week.

An active western disturbance moving northeastwards across Baluchistan and North-West Frontier Province induced an active secondary over Rajasthan and the adjoining areas on the 2nd morning which passed away northeastwards across the Simla-Kumaon hills on the 4th. A "low" appeared over north Gujarat on the 3rd morning. It moved into southwest Uttar Pradesh and the adjoining parts of Vindhya Pradesh the next day and then rapidly passed away eastwards as a low pressure wave across upper Assam. In association with these situations, fairly widespread or local thundershowers occurred in Rajasthan on the 3rd, in northwest India and west Uttar Pradesh on the 4th, and in Assam, sub-Himalayan West Bengal, east Uttar Pradesh. Vindhya Pradesh and northwest Madhya Pradesh on the 5th. A few falls of snow were reported from Kashmir and the Simla-Kumaon hills between the 3rd and 5th. The second western disturbance moved between the 14th and 15th from Sind and the adjoining parts of west Rajasthan to the extreme north of the country causing scattered falls of rain in the Punjab (I) and Kashmir on the 16th.

An incursion of moist air into the central parts of the country and the northern half of the Peninsula caused thundershowers at a number of places in Madhya Pradesh, Vindhya Pradesh and north Hyderabad between the 8th and 11th, in Deccan (Desh) on the 9th and the 10th, in east Uttar Pradesh and Chota Nagpur on the 10th, and 11th and in Bihar on the 11th. They were accompanied by severe squalls and hail at some places in Madhya Pradesh and Deccan (Desh), Nagpur experienced squalls on 7th and 8th with wind speeds reaching 54 m.p.h. and 64 m.p.h. respectively. The standing rabi crops in west Madhya Pradesh suffered heavily from the untimely rains and severe hailstorms. Fairly widespread thundershowers also occurred in Travancore-Cochin on the 7th and 8th. Weather was mainly dry elsewhere over the country during the first fortnight of the month.

Light thundershowers were fairely widespread in west Uttar Pradesh, occurred locally in east Rajasthan, Vindhya Pradesh and Madhya Bharat and at a few stations in the Punjab (I), east Uttar Pradesh and south Tamilnad on the 20th,

During the last week of the month the seasonal anticyclone over the central parts of the country shifted eastwards over Gangetic West Bengal and the neighbourhood, allowing an incursion of moist air from the Bay into the Peninsula and northern parts of the country, resulting in good rainfall over the southern half of the Peninsula between the 21st and 25th in the Punjab (I), Uttar Pradesh, Vindhya Pradesh and Bihar on the 21st and 22nd, in Chota Nagpur and South Madhya-Pradesh on the 22nd and in Assam and sub-Himalayan West Bengal on the following two days.

Towards the end of the month a shallow low appeared over west Rajasthan. It shifted eastwards and lay on the last day of the month over Madhya Bharat and adjoining parts of northwest Madhya Pradesh.

Night temperatures were slightly below normal in south Madhya Pradesh, east Hyderabad and adjoining parts of Orissa and coastal Andhradesa during the first week of the month and appreciably below normal in outh Madhya Pradesh between the 24th and 26th. They were appreciably to markedly above normal in northwest India during the first three days of the month, in the central parts of the country between the 8th and 10th, in Uttar Pradesh, Vindhya Pradesh and north Madhya Pradesh between the 17th and 20th and in northeast India and the south Peninsula between the 21st and 23rd.

Total rainfall for the month was in large excess in north Hyderabad, Tamilnad, Mysore and Travancore-Cochin and in moderate excess in Madhya Bharat, west Madhya Pradesh and south Hyderabad. It was normal in west Uttar Pradesh, the Punjab (I), east Rajasthan, Vindhya Pradesh and Deccan (Desh), in slight defect in coastal Andhradesh in moderate defect in Bihar, east Madhya Pradesh and in large defect in the Bay Islands, northeast India outside Bihar, in east Uttar Pradesh, west Rajasthan, Saurashtra and Kutch, Rayalaseema and Malabar and south Kanara. Weather was dry in Gujarat and the Konkan. Averaged over the plains of India, the rainfall was 15% in defect.

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The mean maximum temperature was normal in the Peninsula outside Gujarat Saurashtra and Kutch and the Konkan and was above normal over the rest of the country. The mean minimum temperature was normal in Orissa, Saurashtra and Kutch, the Konkan, Hyderabad, coastal Andhradesa, Mysore and Travancore-Cochin and above normal elsewhere.

The mean relative humidity in the morning was above normal in Vindhya Pradesh and below normal in West Bengal, Orissa, Chota Nagpur, Gujarat and Rayalaseema. It was normal in the remaining divisions,

The mean cloud amount in the morning was normal in the northeast India, outside Orissa, in west Uttar Pradesh, the Punjab (I), west Rajasthan, Gujarat, Saurashtra and Kutch, the Konkan and Mysore, and above normal eleswhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column,

POONA—5,
the 27th May 1952.

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

1	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	0·32	21	81·1	57·8	78	63	3·1	2·9
	−1·20	...	+ 4·7	+ 3·4	− 4	...	− 0·2	...
2 West Bengal ...	0·18	18	86·3	61·0	65	45	2·1	2·6
	−0·83	...	+ 4·7	+ 3·2	− 8	...	0	...
3 Orissa ...	0·24	23	88·5	63·8	65	48	2·9	2·8
	−0·80	...	+ 3·2	− 0·1	− 7	...	+ 0·9	...
4 Bihar ...	0·53	51	84·4	56·6	60	42	2·1	2·8
	−0·50	...	+ 5·1	+ 3·0	− 8	...	+ 0·1	...
5 Uttar Pradesh ...	0·68	76	81·3	54·6	68	40	2·3	2·8
	−0·21	...	+ 4·6	+ 4·5	− 1	...	+ 0·3	...
6 Punjab (I) (including PEPSU and Delhi) ...	1·29	107	78·0	51·4	74	43	2·7	2·8
	+0·09	...	+ 4·2	+ 3·5	+ 3	...	+ 0·1	...
7 Rajasthan ...	0·19	58	82·3	54·8	53	28	2·2	2·3
	−0·14	...	+ 3·1	+ 3·6	− 2	...	+ 0·2	...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·49	114	85·8	55·4	57	29	2·6	2·9
	+0·06	...	+ 4·5	+ 3·6	+ 2	...	+ 1·0	...
9 Madhya Pradesh ...	0·67	96	88·6	60·5	53	29	2·6	3·1
	−0·03	...	+ 3·0	+ 3·1	− 1	...	+ 1·0	...
10 Bombay (including Saurashtra & Kutch) ...	0·05	50	89·4	61·7	56	34	1·5	1·4
	−0·05	...	+ 2·2	+ 2·0	− 1	...	+ 0·3	...
11 Hyderabad	0·65	176	90·4	65·1	53	28	2·4	2·5
	+0·28	...	+ 0·3	+ 1·1	− 2	...	+ 1·0	...
12 Madras (including Travancore-Cochin) ...	0·95	198	89·2	71·3	72	54	3·7	3·7
	+0·47	...	+ 0·1	+ 1·5	− 3	...	+ 1·4	...
13 Mysore ...	0·92	368	86·7	63·9	69	29	3·0	3·4
	+0·67	...	− 0·4	+ 1·8	+ 2	...	+ 0·2	...
Mean of India ...	0·53	85	86·2	60·3	61	38	2·5	2·7
	−0·09	...	+ 2·8	+ 2·6	− 2	...	+ 0·6	...
Sub-Division								
1 Bay Islands ...	0·03	3	88·5	74·3	70	76	3·9	4·5
	−1·08	...	+ 3·0	+ 3·8	− 1	...	+ 1·0	...
2 Assam (including Manipur and Tripura) ...	0·32	21	81·1	57·8	78	63	3·1	2·9
	−1·20	...	+ 4·7	+ 3·4	− 4	...	− 0·2	...
3 West Bengal ...	0·18	18	86·3	61·0	65	45	2·1	2·6
	−0·83	...	+ 4·7	+ 3·2	− 8	...	0	...
4 Orissa ...	0·24	23	88·5	63·8	65	48	2·9	2·8
	−0·80	...	+ 3·2	− 0·1	− 7	...	+ 0·9	...
5 Chota Nagpur ...	0·51	33	85·1	58·1	54	34	2·4	3·2
	−1·05	...	+ 4·9	+ 2·8	−12	...	+ 0·3	...
6 Bihar ...	0·54	74	83·8	55·4	65	46	1·9	2·6
	−0·19	...	+ 5·3	+ 3·1	− 5	...	0	...
7 Uttar Pradesh, East ...	0·33	45	83·4	56·3	66	38	2·3	2·8
	−0·41	...	+ 5·2	+ 5·1	− 4	...	+ 0·4	...
8 Uttar Pradesh, West ...	0·99	97	79·4	53·2	71	42	2·4	2·8
	−0·03	...	+ 4·7	+ 4·1	+ 1	...	+ 0·1	...
9 Punjab (I) (including PEPSU and Delhi) ...	1·29	107	73·0	51·4	74	43	2·7	2·8
	+0·09	...	+ 4·2	+ 3·5	+ 3	...	+ 0·1	...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0·12	29	81·5	53·1	57	32	2·1	2·1
	−0·30	...	+ 2·9	+ 2·9	− 3	...	− 0·3	...
12 Rajasthan, East (including Ajmer) ...	0·26	108	82·9	56·1	49	23	2·2	2·5
	+0·02	...	+ 3·3	+ 4·3	− 1	...	+ 0·6	...
13 Madhya Bharat ...	0·23	144	86·5	56·3	47	23	2·6	2·9
	+0·07	...	+ 4·4	+ 4·3	− 3	...	+ 1·3	...
14 Vindhya Pradesh ...	0·84	106	84·8	54·1	70	36	2·7	2·9
	+0·05	...	+ 4·7	− 2·6	+ 8	...	+ 0·6	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0·56	55	87·5	60·4	58	33	2·7	2·7
	−0·46	...	+ 2·1	+ 2·4	− 4	...	+ 1·1	...
16 Madhya Pradesh, West ...	0·74	148	89·3	60·5	50	27	2·5	3·3
	+0·24	...	+ 3·5	− 3·6	+ 1	...	+ 1·0	...
17 Gujarat ...	0	0	91·3	59·9	51	32	1·4	1·1
	−0·10	...	+ 3·3	+ 2·8	− 7	...	+ 0·2	...
18 Saurashtra & Kutch ...	0·01	9	86·1	58·8	59	36	1·5	0·8
	−0·10	...	+ 2·1	− 1·7	+ 2	...	+ 0·1	...
19 Konkan ...	0	0	85·6	69·2	73	65	1·3	1·1
	−0·04	...	+ 2·4	+ 1·4	+ 3	...	+ 0·2	...
20 Deccan (Desh) ...	0·11	110	91·9	61·5	51	25	1·6	2·1
	+0·01	...	+ 1·7	+ 2·0	− 1	...	+ 0·7	...
21 Hyderabad, North ...	0·74	200	89·7	63·6	49	32	2·0	2·6
	+0·37	...	+ 0·5	+ 1·2	0	...	+ 0·8	...
22 Hyderabad, South ...	0·57	150	91·0	66·3	56	25	2·6	2·4
	+0·19	...	+ 0·2	+ 1·0	− 3	...	+ 1·1	...
23 Coastal Andhradesa ...	0·35	78	88·8	68·0	73	55	3·1	2·9
	−0·10	...	+ 0·8	− 1·0	− 4	...	+ 0·7	...
24 Rayalaseema ...	0·03	14	93·4	69·6	52	34	2·8	2·9
	−0·19	...	+ 0·4	+ 2·3	− 7	...	+ 1·5	...
25 Tamilnad ...	1·49	244	88·0	71·9	76	55	4·3	4·2
	+0·88	...	− 0·6	+ 2·5	− 3	...	+ 1·6	...
26 Malabar & South Kanara ...	0·05	42	90·1	75·2	76	67	3·5	4·1
	−0·07	...	+ 1·7	+ 2·5	0	...	+ 1·5	...
27 Mysore ...	0·92	368	86·7	63·9	69	29	3·0	3·4
	+0·67	...	− 0·4	+ 1·8	+ 2	...	+ 0·2	...
28 Travancore-Cochin ...	2·45	314	88·5	75·5	77	68	3·9	4·3
	+1·67	...	+ 0·5	+ 1·1	+ 1	...	+ 2·0	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	88·5	+3·0	90	5days	74·3	+3·8	70	1	0	0·03	-1·08	0·03	21	0	-2·0	7·4	5.3	-1·8	1	0	0	2	0	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	0·08	...	0·08	22	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	78·0	+5·0	86	21	58·4	+3·7	50	26	0·29	0·36	-2·08	0·22	24	2	-4·2	1·2	0·7	-0·3	5	0	0	1	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	77·9	...	87	21	56·9	...	47	26	0·19	0·40	...	0·20	24	2	...	3·8	1·8	...	6	0	0	1	3	0	0	0	0	0
Sibsagar ...	78·1	+5·0	85	20,21	57·5	+3·9	51	9,25, 27	0·11	0·25	-1·77	0·11	24	1	-4·2	3·5	2·5	+0·7	4	0	0	1	20	0	0	0	0	0
Tezpur ...	81·5	+5·1	89	21	59·1	+3·1	55	9,27	0·17	0·36	-0·82	0·20	23	1	-1·7	1·3	1·0	-1·3	3	0	0	0	1	0	0	0	0	0
Tezpur (P. B. O.) ...	80·8	...	89	21	58·2	...	51	24	0·16	0·31	...	0·19	23	2	...	3·0	1·6	...	3	0	0	0	0	0	0	0	0	0
Gauhati ...	81·7	+3·7	87	19,20, 21	56·3	+2·5	51	25	0·08	0·39	-0·78	0·31	24	1	-1·6	3·4	2·0	+0·5	2	0	0	1	2	1	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	81·8	...	88	15,21	53·7	...	48	8	0·15	0·50	...	0·35	24	2	...	3·4	1·8	...	4	0	0	2	3	0	0	0	0	0
Dhubri ...	80·7	+3·7	83	19,20	60·6	+4·4	56	24	0·06	0·39	-0·35	0·20	24	2	+0·5	3·9	2·8	-0·7	3	0	0	2	1	0	0	0	0	0
Silchar ...	83·7	+3·1	91	22	58·0	+2·3	53	25	0	0	-1·89	0	...	0	-3·6	1·5	0·8	-0·7	0	0	0	1	0	0	0	0	0	0
Tura ...	80·9	...	88	20	61·3	...	56	24	0·24	0·36	...	0·24	23	1	...	4·0	3·7	...	2	0	0	0	0	0	0	0	0	0
Lumding ...	84·1	+7·0	93	24	54·5	+4·2	49	4	...	0·62	-0·68	0·50	5	2	-1·0	...	...	...	2	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	87·7	...	96	19,20	62·6	...	56	1,	0·01	0·02	...	0·02	23	0	...	4·3	2·7	...	1	0	0	0	8	0	0	0	0	0
Calcutta ...	88·7	+5·0	98	21	64·1	+4·7	58	24,25 1,	0·02	0·04	-1·13	0·04	23	0	-1·8	4·0	2·7	+0·1	1	0	0	0	9	0	0	0	1	0
Saugor Island ...	83·2	+2·6	93	18	68·3	+3·7	62	24,25 25	0	0	-1·15	0	...	0	-1·8	...	...	...	0	0	0	0	9	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0	0	-0·56	0	...	0	-1·1	...	...	...	0	0	0	0	1	0	0	0	0	0
Midnapore ...	89·5	+4·1	97	19,20, 21	61·7 (g)	+0·5	55	2, 25	0 (g)	0·04 (g)	-1·31	0·04	23	0	-2·0	4·1	2·4 (h)	+0·5	1	0	0	0	0	0	0	0	0	0
Contai ...	89·2	...	97	19,20	64·2	...	...	...	0	0	...	...	...	...	...	...	4·1	...	...	...	...	...	...	...	...	...	...	...
Bankura ...	...	...	...	...	...	...	...	...	...	0·09	-1·05	0·09	11	0	-2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	89·2	+5·9	98	20,21 22	62·1	+3·6	57	1,13 24	0·12	0·12	-1·20	0·12	11	1	-1·0	4·7	2·4	+0·9	1	0	0	0	0	1	0	0	0	0
Krishnagar ...	88·9	+6·2	98	21	58·6	+2·9	51	24	0·29	0·41	-0·74	0·32	11	1	-0·8	2·6	2·0	+0·3	2	0	0	0	1	0	0	0	0	0
Asansol ...	87·0	+4·7	97	20	61·8	+4·4	57	5 days	0·19	0·19	-1·06	0·19	11	1	-1·5	6·5	3·9	+0·3	1	0	0	0	1	0	0	0	0	0
Berhampore ...	88·2	+6·7	95	16,20	58·9	+2·4	53	25	0·05	0·07	-0·76	0·07	11	0	-1·7	2·1	0·9	-0·6	1	0	0	0	9	0	0	0	0	0
Malda ...	84·2	+4·9	93	21	56·8	+2·7	51	13	0	0	-0·83	0	...	0	-1·7	5·5	3·3	+0·4	0	0	0	0	0	0	0	0	0	0
Cooch Behar ...	82·4	...	...	...	61·1	...	...	...	(i) 0	(i) 0·95	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	80·4	+3·5	85	19,20, 22	58·1	+4·3	53	6,24	0	0·95	+0·28	0·77	23	2	+0·6	4·5	2·7	+1·4	4	0	0	2	1	0	0	0	0	0
Bagdogra ...	82·2	...	88	22	54·4	...	46	24	0	0·16	...	0·15	23	1	...	4·6	2·6	...	2	0	0	1	1	0	0	0	0	0
Orissa																												
Balasore ...	(o) 89·9	+5·1	...	...	(o) 63·0	+1·4	...	...	(o) 0	(o) 0	...	...	...	...	...	...	2·6	+0·4	...	...	...	...	...	...	...	...	...	...
Chandbali ...	89·6	+4·5	97	17,18	63·2	-0·5	57	...	0	0·23	-1·08	0·23	23	1	-0·8	6·0	4·2	-0·5	1	0	0	0	0	0	0	0	0	0
Puri ...	84·6	+1·7	90	18	69·0	-0·1	62	25	0	0·09	-0·83	0·09	23	0	-1·2	8·2	7·1	-1·4	1	0	0	0	0	0	0	0	0	0
Bhubaneswar ...	90·6	...	99	19	64·2	...	61	5	...	0·45	...	0·27	24	2	...	...	6·3	...	2	0	0	1	4	0	0	0	0	0
Cuttack ...	90·9	+2·7	98	4 days	65·0	+0·2	60	6 days 14	...	...	...	...	...	...	...	2·7	1·8	+0·3	...	0	0	2	2	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0·27	0·47	...	0·27	24	2	...	2·1	1·6	...	2	0	0	0	4	0	0	0	0	0
Gopalpur ...	85·8	+2·3	91	19	65·4	-1·8	61	2,5 25	0·05	0·38	-0·52	0·38	23	1	-0·2	6·8	5·2	-2·4	1	0	0	1	1	0	0	0	0	0
Koraput ...	82·7	...	89	18	57·2	...	50	2	0·12	0·12	...	0·12	24	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Angul ...	89·6	+2·8	97	18	62·4	+1·1	57	25	0	0	-1·13	0	...	0	-2·1	5·1	4·1	+0·6	0	0	0	0	0	0	0	0	0	0
Sambalpur ...	89·3	+3·0	97	29	58·6	-0·8	49	1	0·12	0·52	-0·42	0·37	10	2	0	3·3	2·0	-0·4	3	0	0	2	1	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0·15	0·90	...	0·64	10	3	...	...	...	...	3	0	0	3	1	0	0	0	0	0
Titilagarh ...	90·3	...	97	6 days	61·8	...	53	1	0·04	0·24	...	0·20	22	1	...	2·1	1·3	...	2	0	0	1	9	0	0	0	0	0
Chota Nagpur																												
Purulia ...	86·6	...	95	19,20	62·7	...	57	11,24	0·11	0·11	...	0·11	11	1	...	3·6	2·7	...	1	0	0	0	0	0	0	0	0	0
Jamshedpur ...	88·5	+5·2	97	20	60·3	+2·6	54	24	0·26	0·30	-1·65	0·27	11	1	-2·7	4·5	2·9	+0·6	2	0	0	0	2	0	0	0	0	0
Chaibasa ...	88·1	+4·3	96	18,19	60·4	+3·0	55	4 days	0·57	0·70	-0·79	0·57	11	1	-1·5	2·4	1·5	-0·1	3	0	0	0	0	0	0	0	0	0
Ranchi ...	82·3	+5·4	91	20	57·1	+2·1	52	7	0·05	0·53	-1·37	0·33	10	2	-1·4	3·5	1·8	-2·2	2	0	0	1	0	0	0	0	0	0
Hazaribagh ...	81·8	+4·7	89	4days	57·2	+3·0	50	5	0·04	0·30	-0·96	0·18	10	1	-1·5	7·8	5·7	+0·2	4	0	0	5	0	0	0	0	0	0
Hazaribagh(C.W.) ...	82·1	...	89	5days	55·8	...	49	5	0·06	0·31	...	0·19	10	1	...	3·6	1·9	...	4	0	0	2	0	0	0	0	0	0
Daltonganj ...	84·9	+5·0	93	19	55·4	+3·5	49	5,7	0·22	0·71	-0·56	0·36	23	2	-0·4	4·1	2·5	+0·1	4	0	0	2	0	0	0	0	0	0
Dhanbad ...	85·7	...	94	17,19, 20	60·6	...	55	5,24	0·06	0·28	...	0·19	10	1	...	5·8	4·5	...	3	0	0	1	15	1	0	0	0	0
Bihar																												
Purnea ...	82·8	+3·9	92	20	53·1	+1·5	47	8	0	0·79	-0·17	0·65	23	2	+0·7	5·4	2·6	+0·5	2	0	0	0	0	0	0	0	0	0
Darbhanga ...	81·6	+3·7	89	19	56·0	+3·1	50	13	0	0·44	-0·09	0·42	22	1	-0·4	1·4	0·6	-1·5	2	0	0	0	0	0	0	0	0	0
Motihari ...	82·0	+5·2	93	19	52·7	+2·7	47	24	0·04	0·29	-0·31	0·24	22	1	-0·4	0·6	0·8	-1·5	2	0	0	2	22	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0·35	-0·22	0·35	22	1	-0·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0·31	-0·37	0·18	22	1	-0·6	...	...	...	...	...	...	...	...	...	...	...	...	...

(h) Mean of 23 days. (g) Mean or total for 24 days. (o) Mean or total for 16 days. (i) Total for 23 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah ...	...	...	...	...	...	...	...	...	...	0·35	−0·48	0·19	21	2	+0·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna ...	83·9	+6·1	93	19,20	59·4	+4·6	53	7	0·07	0·35	−0·39	0·18	22	1	−0·6	5·6	4·4	+1·6	4	0	0	2	0	0	0	0	0	0
Patna (Aerodrome) ...	83·8	...	94	19,20	55·7	...	48	12	0·07	0·45	...	0·21	22	2	...	5·9	3·2	...	4	0	0	2	1	0	0	0	0	0
Dehri ...	85·5	...	94	19	59·9	...	53	5	0·17	1·49	+0·65	0·67	23	3	+1·2	5·9	3·6	...	3	0	0	1	0	0	0	0	0	0
Gaya ...	86·0	+6·6	95	19	57·9	+5·0	52	4 days	0·05	0·51	−0·34	0·23	22	3	+1·2	7·0	4·1	+0·1	3	0	0	2	0	0	0	0	0	0
Jamui ...	85·7	...	95	19	57·8	...	51	7	0·09	0·42	...	0·21	22	2	...	6·4	3·5	...	4	0	0	0	0	0	0	0	0	0
Dumka ...	87·6	+7·1	97	20	...	...	...	...	0·32	0·43	−0·51	0·32	11	2	0	4·8	2·7	+1·2	2	0	0	0	0	0	0	0	0	0
Sabour ...	82·8	+4·6	91	20,21	53·4	+1·9	47	13	0·15	0·27	−0·52	0·17	23	1	−0·7	6·6	3·5	0	3	0	0	2	1	0	0	0	0	0
Bhagalpur ...	83·8	...	92	21,29	58·6	...	51	5	0·20	0·24	...	0·24	23	1	...	5·6	3·8	...	1	0	0	3	0	0	0	0	0	0
U. P., East																												
Gonda ...	82·9	+4·9	93	18,20	54·5	+3·1	48	12	0	0·12	−0·79	0·10	21	1	−1·3	6·0	3·8	+0·7	2	0	0	2	0	0	0	0	0	0
Gorakhpur ...	82·6	+4·9	94	19,20	58·8	+6·7	51	8,12	0	0·36	−0·27	0·27	22	1	−0·8	3·1	1·6	−0·1	2	0	0	0	0	0	0	0	0	0
Azamgarh ...	84·4	...	95	18,19	55·4	...	48	5,7	0·14	0·68	...	0·34	21 22	2	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Banaras ...	84·3	+4·9	93	19	56·6	+4·5	50	5,7,26	0	0·05	−0·66	0·03	21	0	−1·9	...	...	...	3	0	0	0	0	0	0	0	0	0
Banaras (Babatpur Aerodrome) ...	85·0	...	94	19	55·1	...	48	5,7	0·01	0·20	...	0·09	22	0	...	9·0	6·3	...	4	0	0	6	0	0	0	0	0	0
Allahabad (Bamrauli) ...	83·9	+4·7	92	18	56·7	+5·8	50	5	0·17	0·78	+0·15	0·47	22	3	+1·3	4·2	3·0	−0·2	3	0	0	5	0	0	0	0	0	0
Fatehpur ...	83·6	+3·8	92	19	55·9	+3·6	49	6,7	0·14	0·58	−0·13	0·30	21	2	−0·4	6·1	3·3	+0·7	3	0	0	1	0	0	0	0	0	0
Banda ...	85·2	...	94	19, 27	56·8	...	51	6	0·64	1·11	...	0·63	22	3	...	2·7	2·1	...	3	0	0	1	0	0	0	0	0	0
Orai ...	83·7	...	93	27	56·5	...	50	6	0·05	0·17	...	0·07	4	0	...	5·8	4·6	...	2	0	0	1	0	0	0	0	0	0
Kanpur ...	83·2	+6·0	91	18, 27, 28	56·6	+5·6	49	7	0·06	0·23	−0·43	0·09	21	0	−2·6	7·5	5·0	+0·9	6	0	0	1	0	0	0	0	0	0
Lucknow ...	83·6	+5·0	94	18	56·4	+5·0	50	7,8	0·27	0·45	−0·27	0·19	11	1	−0·6	5·1	3·4	+0·7	5	0	0	2	0	0	0	0	0	0
Lucknow (Amausi Aerodrome) ...	82·2	...	92	18	53·1	...	46	7	0·35	0·54	...	0·20	21	2	...	7·1	3·9	...	5	0	0	4	0	0	0	0	0	0
Hardoi ...	82·3	...	91	18,20	54·1	...	49	6	0·25	0·32	...	0·21	21	1	...	5·9	1·3	...	4	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri ...	81·8	...	91	4 days	54·2	...	47	5	0·21	0·59	...	0·41	22	2	...	3·6	2·2	...	5	0	0	1	0	0	0	0	0	0
Bahraich ...	83·2	+6·2	94	20	54·7	+3·8	48	24	0·18	0·29	−0·62	0·08	5	0	−2·0	5·2	3·8	+1·6	3	0	0	0	0	0	0	0	0	0
U. P., West																												
Jhansi ...	84·4	+3·5	95	29	57·4	+4·8	51	6,24	0·34	0·36	−0·09	0·34	10,19	1	−0·1	5·9	4·0	+1·3	2	0	0	1	0	0	0	0	0	0
Agra* ...	80·0	+2·6	89	18,29	56·2	+8·0	49	11,23	0·10	0·80	+0·31	0·45	4	2	+0·9	2·3	2·0	−1·2	3	0	0	2	0	0	0	0	0	0
Mainpuri ...	82·6	+4·9	92	18	53·0	+3·2	49	8,11 26	0·19	0·38	−0·16	0·11	22	2	+0·8	...	...	...	3	0	0	1	0	0	0	0	0	0
Aligarh ...	79·6	+3·9	88	18,27	52·9	+2·3	48	11	0·82	0·86	+0·10	0·42	4	2	−0·1	...	...	...	4	0	0	3	0	0	0	0	0	0
Bareilly ...	79·6	+4·5	88	29	54·7	+4·6	49	5	0·43	1·43	+0·46	0·54	4	4	+2·1	3·6	3·0	+1·0	4	0	0	5	0	0	0	0	0	0
Meerut ...	77·7	+3·4	86	17,18	52·1	+4·0	45	3	1·36	1·36	+0·34	0·85	22	3	+0·8	1·8	4·0	...	3	0	0	0	0	0	0	0	0	0
Roorkee ...	77·8	+5·3	86	18,19	49·7	+2·7	45	5 days	0·07	1·61	+0·09	1·25	22	3	+0·2	4·0	3·2	+1·0	4	0	2	3	0	0	0	0	0	0
DehraDun ...	73·6	+4·3	81	17	49·4	+2·8	41	23	0·23	1·15	−1·32	0·80	22	3	+2·2	2·1	1·4	−0·3	6	0	0	1	0	0	0	0	0	0
Punjab (I)																												
New-Delhi ...	79·1	+4·4	87	15,26, 29	54·0	+4·8	49	9,11	0·29	0·58	−0·25	0·25	21	3	+1·3	6·8	4·6	...	3	0	0	1	2	0	0	0	0	0
Hissar ...	78·8	+2·6	89	29	49·9	+2·7	41	8	0·28	0·88	−0·34	0·59	4	2	+0·8	3·7	4·0	+0·1	3	0	0	2	0	0	0	0	0	0
Karnal ...	76·9	...	85	14.25, 29	51·6	...	45	8	0·09	0·77	...	0·54	22	2	...	4·1	3·2	...	3	0	0	0	0	0	0	0	0	0
Ambala ...	77·7	+4·6	86	29	51·2	+3·4	47	9,10	0·18	2·35	+0·48	1·69	22	2	−1·1	4·8	4·5	+1·2	2	0	0	0	0	0	0	0	0	0
Patiala ...	76·7	...	85	15	51·7	...	44	19	0·14	1·64	+0·22	1·15	22	2	−0·7	7·1	4·7	...	4	0	0	2	0	0	0	0	0	0
Ludhiana ...	76·5	+5·3	86	29	50·7	+3·2	43	19	0·28	0·89	−0·46	0·54	22	2	−0·7	1·0	0·4	−1·3	3	0	0	1	1	0	0	0	0	0
Ferozepur ...	74·9	...	82	15	48·7	...	39	19	0·97	1·08	...	0·97	22	1	...	...	...	...	3	0	0	1	0	0	0	0	0	0
Amritsar ...	72·9	...	82	29	45·9	...	36	19	0·39	0·52	..	0·33	22	2	...	7·6	6·1	...	6	0	0	3	0	0	0	0	0	0
Pathankot ...	72·5	...	80	28	50·2	...	43	23	1·15	2·15	...	1·29	4	4	...	3·5	2·6	...	4	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar ...	49·8	+5·7	61	28	35·0	+5·5	32	4 days	0·85	2·02	−0·82	0·52	4	7	+0·8	2·0	2·2	−0·2	12	1	0	0	0	0	0	0	0	0
Gulmarg ...	...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg ...	...	...	...	...	...	...	...	...	...	5·25	−4·08	1·85	4	11	−1·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skardu (R) ...	37·7	−0·7	44	15	16·9	+6·3	8	10,23	0·05	0·12	−0·19	0·05	22	0	−0·9	4·7	3·7	−2·3	4	4	0	0	0	0	0	0	0	0
Gurez ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R) ...	...	...	...	...	...	...	...	...	...	0·24	−7·33	0·10	27	1	−8·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	67·5	−1·5	76	16	54·0	+2·8	49	4	...	1·43	−1·00	0·80	4	4	+0·3	...	...	...	7	0	0	5	0	0	0	0	0	0

* Observation for 28 days. (R) Register not Received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	76·7	+3·1	85	29	48·0	+2·2	40	19	0	0·14	−0·99	0·14	16	1	−1·0	3·0	2·9	−1·3	1	0	0	0	1	0	0	0	0	0
Bikaner ...	81·0	+1·9	93	29	50·0	+2·9	43	18,19, 22	0·08	0·28	+0·01	0·28	4	1	+0·3	3·8	2·9	−0·7	1	0	0	0	0	0	0	0	0	0
Jaisalmer ...	82·4	...	92	27	54·5	...	46	22	0·31	0·21	...	0·21	3	1	...	8·2	5·7	...	1	0	0	0	0	0	0	0	0	0
Jodhpur ...	83·4	+2·8	93	27	56·1	+3·5	46	22	0·01	0·05	−0·19	0·04	3	0	−0·6	5·4	4·4	−2·4	2	0	0	3	0	0	0	0	0	0
Phalodoi ...	80·3	...	90	14,27	53·2	...	46	4,19	0·10	0·10	−0·09	0·10	4	1	+0·5	8·3	6·2	...	1	0	0	0	0	0	0	0	0	0
Barmer ..	85·1	+3·8	94	25,26, 27	58·5	+2·9	51	4	0·01	0·04	−0·24	0·03	3	0	−0·6	6·8	5·5	+0·6	2	0	0	0	0	0	0	0	0	0
Rajasthan, East																												
Sikar ...	80·3	...	89	26	53·1 (i)	...	...	...	0·26	0·36	...	0·14	3	2	...	6·5	4·7	...	2	0	0	0	0	0	0	0	0	0
Jaipur ...	80·5	+3·5	89	27	55·9	+5·3	47	11	0·07	0·51	+0·19	0·35	20	1	+0·2	5·2	4·0	+0·1	3	0	0	2	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	80·1	...	88	26,27	55·6	...	48	11	0·20	0·81	...	0·49	20	4	...	8·5	7·4	...	4	0	0	1	0	0	0	0	0	0
Ajmer ...	80·4	+3·4	89	26	54·5	+4·6	47	23	0·04	0·27	+0·01	0·25	4	1	+0·3	4·1	3·1	−0·6	2	0	0	2	0	0	0	0	0	0
Kotah ...	85·9	+3·8	93	27,28, 29	59·4	+4·0	54	23	0·15	0·19	−0·02	0·15	4	1	+0·5	3·5	2·0	+0·3	3	0	0	2	0	0	0	0	0	0
Jhalawar ...	86·4	+4·1	94	29	57·4	+4·6	47	23	0	0·04	−0·24	0·04	20	0	−0·4	3·8	3·3	+0·6	1	0	0	2	0	0	0	0	0	0
Udaipur ...	81·3	+1·9	89	28	53·4	+2·8	46	18	0·27	0·28	+0·14	0·27	10	1	+0·5	3·3	2·2	...	1	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	83·5	...	93	29	54·1	...	47	6,7,25	0·16	0·30	...	0·12	21	2	...	6·0	3·9 (c)	...	4	0	0	7	0	0	0	0	0	0
Sheopur Kalan ...	84·6	...	93	28	54·4	...	48	23	0·08	0·50	...	0·20	9	2	...	3·9	3·0	...	4	0	1	3	0	0	0	0	0	0
Guna ...	86·1	+4·9	94	28	53·7	+3·5	42	24	0·02	0·53	+0·34	0·49	10	1	+0 4	6·2	3·3	+0·5	3	0	1	4	1	0	0	0	0	0
Neemuch ...	85·3	+4·5	92	26,27, 29	58·3	+6·4	53	4,24	0	0·05	−0·10	0·04	3	0	−0·4	5 3	4·6	0	2	0	0	1	0	0	0	0	0	0
Ratlam ...	87·4	...	94	29	58·0	...	52	23,25, 26	0	0	...	0	...	0	...	6·9	5·7	...	0	0	0	0	0	0	0	0	0	0
Indore ...	87·5	+3·9	94	20	55·4	+4·3	45	23	0	0	−0·14	0	...	0	−0·5	7·9	4·9	+0·8	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) ...	87·2	+4·4	94	27,28, 29	57·8	+3·2	48	24	0	0·32	+0·17	0·32	4	1	+0·5	8·2	6·5	+1·7	1	0	0	5	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	84·3	+4·3	95	29	53·1	+2·4	47	23,24	0·68	0·83	+0 26	0·65	10	1	−0·3	4·1	2·3	+0·7	5	0	0	5	1	0	0	0	0	0
Sutna ...	84·7	+5·4	95	29	54·8	+2·6	49	6,13, 24	0·16	0·82	+0·04	0·34	5	2	+0·2	4·7	3·1	+0·5	6	0	0	0	0	0	0	0	0	0
Umaria ...	85·5	+4·4	94	29	54·4	+2·7	47	1	0·08	0·86	−0·14	0·59	9	2	+0·1	3·5	1·5	−1·0	4	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	88·9	...	96	29	60·3	...	52	24	0	0·77	...	0·42	23	2	...	3·1	1·8	...	4	0	0	2	0	0	0	0	0	0
Pendra ...	82·4	+4·3	91	28	59·0	+4·5	51	5	0·20	0·85	−0·62	0·31	10	2	−0·9	5·4	3·4	0	7	0	0	5	0	0	0	0	0	0
Raigarh ...	90·3	...	97	5days	62·1	...	54	1	0·05	0·82	...	0·39	23	2	...	2·5	2·2	...	4	0	0	0	1	0	0	0	0	0
Ambikapur ...	82·3	...	91	20	53·1	...	46	1	0·43	1·40	...	0·56	23	3	...	5·9	4·4	...	4	0	0	2	0	0	0	0	0	0
Champa ...	89·1	...	97	29	61·6	...	53	24	0	0·27	...	0·18	23	1	...	4·2	2·9	...	3	0	0	3	0	1	0	0	0	0
Raipur ...	87·4	+1·4	95	29	63·4	+3·3	57	24	0·12	0·80	−0·07	0·38	10	2	+0·2	4·2	3·2	−0·4	5	0	0	4	0	0	0	0	0	0
Kanker ...	87·7	+2·0	95	22	59·5	+1·1	50	1,2	0	0·75	−0·11	0·36	22	2	−0·1	3·2	2·3	−0·4	4	0	0	2	0	0	0	0	0	0
Chanda ...	91·4	+1·0	97	6days	61·9	+2·4	50	1,24	0	0·20	−0·61	0·14	10	1	−0·3	2·4	2·0	−0·1	2	0	0	1	0	0	0	0	0	0
Sironcha ...	92·9	...	98	18,19, 28	64·7	...	56	25	0	0·43	...	0·43	22	1	...	4·1	2·9	...	1	0	0	0	0	0	0	0	0	0
Jagdalpur ...	89·2	+2 6	95	22	56·5	+0·5	49	4	0·09	0·16	−0·92	0·16	23	1	−0·6	3·7	2·2	+0·3	2	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.) ...	88·6	...	93	5days	58·4	...	51	4	0·09	0·18	...	0·18	23	1	...	3·1	2·1	...	2	0	0	2	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	88·2	...	93	5days	64·7	...	59	10,23, 24	0	0·08	...	0·05	10	0	...	7·0	6·0	...	2	0	0	0	0	0	0	0	0	0
Akola ...	93·2	+2·6	99	29	62·1	+4·3	53	24,25, 27	0·23	0·57	+0·27	0·29	9	2	+1·4	4·3	3·6	+0·5	3	0	0	0	0	0	0	0	0	0
Amravati ...	90·8	+1·5	97	28,29	64·7	+2·6	58	25	0	0·29	−0·15	0·22	9	1	+0·2	6·5	5·7	+1·7	3	0	0	0	0	0	0	0	0	0
Yeotmal ...	90·0	...	97	28	65·7	...	60	11,24	0	0·47	...	0·25	10	2	...	8·4	7·2	...	2	0	0	0	0	0	0	0	0	0
Khandwa ...	92·7	+1·0	100	29	60·5	+1·6	49	24	0	0·27	+0·11	0·27	10	1	+0·6	6·0	4·1	+0·7	1	0	0	0	0	0	0	0	0	0
Hoshangabad ...	89·9	+5·0	97	29	61·3	+3·8	53	24,27	0·94	1·20	+0·82	0·90	9	3	+2·1	3·3	2·5	+0·3	3	0	1	0	0	0	0	0	0	0
Sagar ...	84·3	+3·6	93	29	60·1	+4·4	53	5 23	0	1·19	+0·72	0·60	9	3	+1·8	...	...	+1·1	4	0	0	0	0	0	0	0	0	0
Jabalpur ...	88·0	+6·6	95	5days	56·4	+5·4	48	1,24	0·09	0·81	+0·05	0·52	10	2	+0·3	4·3	2·8	+1·1	4	0	0	0	0	0	0	0	0	0
Mandla ...	85·9	...	94	28	52·3	...	43	1,24	0·04	0·79	...	0·36	10	3	...	1·1	0·5	...	3	0	1	0	0	0	0	0	0	0
Seoni ...	85·5	+2·5	94	28	58·5	+3·6	49	24	0·18	1·06	+0·25	0·68	8	3	+1·0	4·5	3·6	+0·8	4	0	0	0	0	0	0	0	0	0
Chhindwara ...	85·0	...	93	29	56·6	...	48	24	0·13	0·39	...	0·14	11	2	...	5·0	2·8	...	4	0	1	0	0	0	0	0	0	0
Betul ...	87·0	...	93	20,28, 29	57·1	...	46	24	0·05	0·17	...	0·11	9	1	...	4 8	3·3	...	3	0	0	0	0	0	0	0	0	0
Nagpur ...	90·5	+2·3	97	27	60·1	+0·2	51	24	0	0·50	−0·15	0·19	8	3	+1·6	4·7	3·3	...	4	0	0	0	0	0	0	0	0	0
Gujarat																												
Deesa ...	88·2	...	94	25,26, 27	56·2	...	46	18	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	92·5	+3·1	100	25	62·8	+2·8	57	5	0	0	−0·08	0	...	0	−0·2	4·9	3·8	+0·6	0	0	0	0	0	0	0	0	0	0

(c) Mean of 28 days (i) Mean of 22 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean Minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat–contd.																												
Ahmedabad ...	90·3	+3·5	96	25,26	58·5	+1·3	51	22	0	0	-0·08	0	...	0	-0·2	6·1	4·0	+1·4	0	0	0	0	0	0	0	0	0	0
Dohad ...	90·2	+3·5	96	4 days	61·5	+5·0	54	23,24	0	0	-0·04	0	...	0	-0·2	6·9	6·5	+3·3	0	0	0	0	0	0	0	0	0	0
Baroda ...	92·3	+2·9	100	25,26	56·9	+2·1	50	5,23	0	0	-0·21	0	...	0	-0·3	2·7	1·8	-0·5	0	0	0	0	1	0	0	0	0	0
Baroda (Aerodrome) ...	92·1	...	98	25	59·7	...	53	5	0	0	...	0	...	0	...	5·4	4·0	...	0	0	0	0	0	0	0	0	0	0
Broach ...	94·2	...	100	25,26	61·0	...	55	22	0	0	...	0	...	0	...	4·7	4·0	...	0	0	0	0	1	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	86·0	+2·3	93	13,25 26	56·7	+0·2	51	18	0	0	-0·17	0	...	0	-0·4	5·4	3·6	-1·0	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	4·7	3·1	...	0	0	0	0	0	0	0	0	0	0
Dwarka ...	80·6	+2·1	88	12,24	64·4	+1·2	60	18,23	0	0·09	-0·15	0·09	15	0	-0·5	10·2	9·3	+0·6	1	0	0	0	0	0	0	0	0	0
Jamnagar ...	85·1	+1·2	93	13	57·1	+3·5	48	22	0	0	-0·08	0	...	0	-0·2	...	...	...	0	0	0	0	2	0	0	0	0	0
Rajkot ...	88·7	+2·2	98	25	56·9	+3·6	47	18	0	0	-0·09	0	...	0	-0·3	9·4	7·4	+2·6	0	0	0	0	2	0	0	0	0	0
Rajkot (Aerodrome) ...	88·7	...	97	25	57·1	...	47	18,22	...	0	...	0	...	0	...	...	9·3	...	0	0	0	0	3	0	0	0	0	0
Veraval ...	85·8	...	94	24,25	58·2	...	54	4 days	0	0	-0·07	0	...	0	-0·2	10·9	9·2	+3·6	0	0	0	0	0	0	0	0	0	0
Bhavnagar ...	90·1	+2·8	96	25	58·8	+1·2	50	23	0	0	-0·06	0	...	0	-0·2	6·0	4·3	+0·1	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	87·6	...	94	13,25	60·5	...	52	22,23	...	0	...	0	...	0	...	...	9·2	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	84·1	...	99	25	67·0	...	59	1	0	0	...	0	...	0	...	10·6	7·6	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	86·8	+3·7	99	25	69·1	+1·7	65	5,6	0	0	-0·08	0	...	0	-0·1	7·9	6·1	-0·9	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome) ...	88·1	+3·2	99	25	62·4	+3·1	55	5	0	0	-0·08	0	...	0	-0·1	...	...	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Juhu Aerodrome) ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	8·1	4·9	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	84·7	+2·1	97	26	65·8	+0·9	61	5,7	0	0	-0·03	0	...	0	-0·2	...	3·4	-2·0	0	0	0	0	0	0	0	0	0	0
Harnai ...	82·7	...	90	24	72·4	...	68	6	0	0	...	0	...	0	...	11·3	9·8	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri ...	87·4	...	99	24,25	67·9	...	62	5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad ...	85·9	...	95	25	71·7	...	69	4 days	0	0	...	0	...	0	...	10·5	9·6	...	0	0	0	0	0	0	0	0	0	0
Vengurla ...	90·0	...	102	24	66·7	...	60	5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Marmagao ...	85·4	+1·5	92	1 ,25	72·7	+1·5	69	4,5	0	0	0	0	...	0	0	8·4	7·1	+0·9	0	0	0	0	2	0	0	0	0	0
Honavar ...	88·7	...	94	1	71·2	...	66	4	0	0	-0·06	0	...	0	-0·1	4·2	2·9	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	0	-0·12	0	...	0	-0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon ...	94·2	...	100	21,29	58·9	...	49	25	0·14	0·18	+0·07	0·14	10	1	+0·6	5·0	3·9	...	2	0	0	1	0	0	0	0	0	0
Malegaon ...	92·5	+2·6	98	27	57·2	+2·5	49	4	0	0	-0·09	0	...	0	-0·2	4·3	2·9	-1·3	0	0	0	0	0	0	0	0	0	0
Deolali ...	89·8	...	94	4 days	55·0	...	48	5	...	0	...	0	...	0	...	...	3·2	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar ...	90·9	+2·4	96	29	59·2	+3·3	53	5	0	0	-0·13	0	...	0	-0·3	5·9	4·2	-0·6	0	0	0	0	1	0	0	0	0	0
Poona ...	92·6	+2·1	97	20,29	57·3	+2·2	51	5	0	0	-0·06	0	...	0	-0·2	2·5	1·4	-2·8	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	91·8	...	96	29	58·6	...	51	6	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur ...	93·2	...	96	21,29	59·7	...	51	25	0·03	0·83	...	0·73	10	2	...	6·7	4·4 (h)	...	2	0	0	1	0	0	0	0	0	0
Sholapur ...	92·9	+0·4	96	5 days	64·3	+1·6	58	5,26	0	0·26	+0·13	0·26	10	1	+0·7	8·9	6·7	+1·2	1	0	0	2	0	0	0	0	0	0
Miraj ...	93·0	+2·5	96	4 days	61·8	+2·8	54	4	0	0·01	+0·01	0·01	10	0	0	6·5	5·3	+0·7	1	0	0	2	5	0	0	0	0	0
Kolhapur ...	91·8	...	96	29	61·5	...	55	5	0	0·17	...	0·17	9	1	...	6·6	5·3	...	1	0	0	1	0	0	0	0	0	0
Bijapur ...	91·9	+0·9	95	4 days	64·6	+0·7	56	4	0·19	0·29	+0·20	0·24	10	1	+0·8	4·8	3·4	0	2	0	0	0	0	1	0	0	0	0
Belgaum ...	88·8	+0·5	92	21,23 27	60·6	+1·3	53	5,6	0·11	0·31	+0·26	0·21	11	2	+1·9	3·7	3·4	+0·5	2	0	0	1	0	0	0	0	0	0
Gadag ...	92·6	+1·9	96	23	66·8	+1·9	61	4	0	0	-0·16	0	...	0	-0·4	4·9	4·2	-0·1	0	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	90·6	+2·0	97	29	61·7	+2·1	53	25	0·09	0·14	-0 03	0·09	10	0	-0·4	6·3	5·4	0	2	0	0	2	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	90	...	95	29	55·1	...	44	25	0·12	0·20	...	0·12	10	1	...	6·7	4·5	...	2	0	0	0	0	0	0	0	0	0
Parbhani ...	91·6	...	97	22,29	61·4	...	53	25	0·23	0·60	+0 31	0·37	10	3	+2·3	...	...	...	3	0	0	4	0	0	0	0	0	0
Ramagundam ...	90·6	...	97	20	66·4	...	57	2	0	0 23	...	0·20	22	1	...	4·8	3·4	...	2	0	0	0	0	0	0	0	0	0
Nizamabad ...	90·4	-0 4	96	21.29	63·2	+1·2	53	25	0·12	1·70	+1·03	0·19	22	3	+1·8	5·8	3·7	+1·2	5	0	0	0	0	0	0	0	0	0
Bidar ...	88·0	-0·2	92	28,29	65·9	+0·4	60	4,10	0·11	0·52	+0·16	0·32	22	2	+1·3	9·3	7·7	+1·5	3	0	0	0	0	0	0	0	0	0
Hyderabad, South																												
Gulbarga ...	91·4	-0·9	95	5 days	64·7	+0·4	53	25	0·18	0·31	+0·04	0·25	10	1	+0·5	6·7	5·2	-0·2	2	0	0	1	0	0	0	0	0	0

(h) Mean of 23 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Hyderabad, South–*Contd.*																											
Raichur ...	91·5	-0 6	95	23	70·9	+2·5	65	1,3	0	1·05	+0·77	1·05	23	1	+0·4	6·1	6·1	+0·8	1	0	0	2	0	0	0	0	0
Hyderabad (Nizamiah) ...	90·8	+1·5	95	16,19, 28	62·7	+0·2	54	25	0	0·04	-0·32	0·03	10	0	-0·9	6·7	4·9	+1·1	2	0	0	0	2	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	88·5	...	93	20	62·6	...	56	2	0	0	...	0	...	0	...	8·4	6·4	...	0	0	0	1	0	0	0	0	0
Hanamkonda ...	90·3	+0·8	96	16	66·8	+0·9	60	1,2	0	0·86	+0·28	0·83	23	1	-0·1	6·7	5·1	+0·2	2	0	0	1	0	0	0	0	0
Khammameth ...	92·8	...	97	16,20,	68·0	...	59	4	0·28	0·28	...	0·28	23	1	...	4·8	4·1	...	1	0	0	1	0	0	0	0	0
Coastal Andhradesa.																											
Nellore ...	90·7	+1·3	95	19	69·7	-0·1	62	17	0	0	-0·24	0	...	0	-0·5	6·8	4·0	+0·7	0	0	0	0	0	0	0	0	0
Ongole ...	88·2	...	94	18	70·3	...	66	1,4	0·03	0·10	...	0·07	25	0	...	5·8	3·7	...	2	0	0	1	0	0	0	0	0
Gannavaram ...	91·4	...	96	18,19, 20	68·7	...	63	4,17	0·40	0·52	...	0·40	23	2	...	8·5	6·2	...	2	0	0	1	0	0	0	0	0
Masulipatam ...	86·5	+0·4	93	18 19	69·5	+0·9	63	7	0·21	0·49	-0·04	0·49	23	1	+0·4	7·9	5·4	+1·6	1	0	0	1	0	0	0	0	0
Kakinada ...	85·6	0	95	18 19	67·9	-1·8	64	4	0·95	0·95	+0·63	0·95	24	1	+0·4	6·4	5·4	+0 7	1	0	0	0	0	0	0	0	0
Visakhapatnam ...	90·0	+1·0	97	18,19	64·9	-2·8	61	5 days	0·23	0·23	-0·71	0·23	24	1	-0·1	8·4	3·6	+0·4	1	0	0	1	0	0	0	0	0
Calingapatam ...	87·1	+0·7	96	19	65·0	-2·8	62	4 days	0	0	-0·61	0	...	0	-1·3	6·9	5·0	0	0	0	0	0	0	0	0	0	0
Rentachintala ...	94·2	+1·8	98	16,19	67·7	-1·4	60	4	0·30	0·30	-0·23	0·30	23	1	-0·3	5·1	4·1	-0·8	1	0	0	1	0	0	0	0	0
Rayalaseema																											
Arogyavaram ...	86·4	...	90	6,20	64·4	...	59	28,29	0·03	0·04	...	0·04	23	0	...	6·1	4·7	...	1	0	0	1	0	0	0	0	0
Cuddapah ...	94·3	0	97	5 days	72·1	+2·5	66	27	0	0	-0·12	0	...	0	-0·2	8·4	6·6	-1·4	0	0	0	0	0	0	0	0	0
Bellary ...	92·2	-1·2	95	4 days	69·2	+3·1	63	3	0	0·09	-0·09	0·09	23	0	-0·3	4·9	3·2	+0·3	1	0	0	0	0	0	0	0	0
Kurnool ...	93·6	+0·1	97	27,28	67·4	+1·4	61	29	0	0	-0·28	0	...	0	-0·5	9·1	4·8	+1·3	0	0	0	0	0	0	0	0	0
Anantapur ...	92·3	...	95	4 days	68·0	...	60	28	0	0·03	-0·27	0·03	24	0	-0·4	6·2	7·2	...	1	0	0	0	0	0	0	0	0
Tamilnad.																											
Palayamcottai ...	91·8	...	97	19	74·2	...	71	16,22, 27	1·28	2·02	+0·85	0·66	25	5	+3·3	9·8	5·0	...	6	0	0	0	0	0	0	0	0
Pamban ...	85·0	+0·2	89	24	77·0	+2·0	72	1,5	0	1·75	+0·89	1·71	24	1	-0·4	10·7	10·2	+3·5	2	0	0	0	0	0	0	0	0
Mathurai ...	90·9	+0·6	95	16	72·1	+2·6	68	4 days	3·36	4·02	+3·49	3·09	22	3	+2·3	7·4	3·9	+0·1	6	0	0	2	0	0	0	0	0
Nagapattinam ...	83·2	-1·6	85	24,25	75·4	+2·2	70	15	0·44	2·24	+1·41	1·72	21	2	+1·0	9·5	9·7	+3·0	4	0	0	0	0	0	0	0	0
Tiruchirapalli ...	91·1	-0·4	94	14	71·4	+2·1	66	16,29	0·19	0·99	+0·50	0·61	22	3	+2·4	6·2	4·9	+1·1	3	0	0	1	0	0	0	0	0
Coimbatore ...	89·8	-1·1	94	11,20	70·1	+3·6	64	16	0·23	0·60	+0·24	0·30	23	2	+1·5	5·8	4·3	+1·5	3	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	90·2	...	94	20	67·9	...	61	16	0·28	0·58	...	0·42	22	2	...	8·3	6·7	...	4	0	0	2	0	0	0	0	0
Salem ...	93·2	+0·1	97	10,11, 19	70·1	+3·1	62	17	0·56	0·56	+0·23	0·28	22,23	2	+1·4	7·3	7·8	+3·3	2	0	0	1	0	0	0	0	0
Kallakurichi ...	89·8	...	93	5 days	70·2	...	64	16	1·84	2·11	...	0·97	25	3	...	...	...	...	5	0	0	0	0	0	0	0	0
Cuddalore ...	84·1	-1·0	87	16	72·7	+2·7	65	27	0·29	1·65	+0·75	1·06	21	3	+1·8	6·3	5·4	+1·7	5	0	0	0	0	0	0	0	0
Vellore ...	87·8	-1·1	91	15,20 21	67·6	+1·4	58	17	0·48	0·55	+0·30	0·36	22	2	+1·4	5·9	4·0	+1·3	2	0	0	0	0	0	0	0	0
Madras ...	86·9	-1·4	89	4 days	71·0	+2·6	65	15	0·28	0·57	+0·16	0·43	22	1	+0·3	9·7	6·5	0	4	0	0	0	0	0	0	0	0
Madras (Nungambakkam) ...	86·5	...	89	6 days	70·7	...	65	4 days	...	1·14	...	0·42	23	4	...	...	3·3	...	4	0	0	0	0	0	0	0	0
Malabar & South Kanara																											
Mangalore ...	88·1	-0·1	94	2	75·1	+2·6	72	4,5	0	0	-0·07	0	...	0	-0·1	10·1	5·8	+0·7	0	0	0	2	0	0	0	0	0
Kozhikode ...	92·1	+3·6	96	1,2,3	75·3	+2·3	72	4	0	0·11	-0·08	0·11	24	1	+0·7	8·6	7·0	+0·9	1	0	0	2	0	0	0	0	0
Palghat ...	96·1	...	99	7 days	74·5	...	68	16	0·44	1·66	...	1·17	23	3	...	7·8	5·7	...	5	0	0	2	0	0	0	0	0
Mysore.																											
Chitaldrug ...	88·8	-0·8	92	7,8	66·7	+0·5	61	4	0	0·68	+0·57	0·30	24	3	+2·8	6·0	4·2	+0·4	3	0	0	1	0	0	0	0	0
Shimoga ...	91·8	...	98	15	63·5	...	56	4	0	0	...	0	...	0	...	4·2	2·8	...	0	0	0	1	3	0	0	0	0
Hassan ...	87·1	+0·1	90	24	62·4	+2·4	56	28	0	1·17	+0·93	0·77	24	2	+1·6	4·6	3·4	+0·5	2	0	0	2	0	0	0	0	0
Bangalore (Central Observatory) ...	85·1	-0·5	89	11	62·9	+2·9	58	29	0	0·43	-0·17	0·36	23	1	+0·6	7·8	6·7	+2·0	2	0	0	0	0	0	0	0	0
Bangalore (Aerodrome) ...	85·5	...	90	11	62·7	...	58	17,28, 29	0·39	2·21	...	0·95	25	3	...	...	...	...	3	0	0	1	0	0	0	0	0
Mysore ...	87·3	-1·6	90	11	66·3	+2·1	61	16,28	0	0·80	+0·56	0·58	25	2	+1·5	7·3	5·7	+1·0	2	0	0	1	0	0	0	0	0
Balehonnur ...	85·2	+0·9	89	9	61·2	+1·1	56	18	...	1·50	+1·44	1·27	22	2	+1·8	...	...	...	3	0	0	0	0	0	0	0	0
Travancore-Cochin																											
Fort Cochin ...	87·9	+0·9	90	4 days	76·5	+1·0	71	8	0·02	3·76	+2·96	3·54	8	2	+0·8	10·7	5·8	+1·0	5	0	0	8	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	89·1	...	91	1,3,6	75·0	...	71	3	0·08	4·03	...	3·35	8	3	...	5·8	3·3	...	5	0	0	7	0	0	0	0	0
Alleppey ...	90·2	...	95	2	75·7	...	69	3	0·60	1·65	...	0·44	7	6	...	8·9	5·8	...	8	0	0	9	0	0	0	0	0
Trivandrum ...	89·1	+0·1	93	11	74·5	+1·3	71	3	0·81	1·14	+0·38	0·60	8	3	+1·7	5·3	3·5	+0·1	6	0	0	6	0	0	0	0	0
Nagercoil ...	92·0	...	95	6,13,14	75·4	...	72	15,16	0·44	1·29	...	0·64	22	3	...	8·4	5·7	...	5	0	0	3	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena—No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	...	...	...	...	58·3	...	51	24	0	0·26	...	0·15	24	2	...	5·6	5·1	...	2	0	0	0	1	0	0	0	0	0
Shillong ...	65·2	+2·7	76	19	45·2	+2·8	37	25	0	0·06	-1·00	0·02	5,11, 25	0	-2·8	3·1	2·3	0	3	0	0	1	0	0	0	0	0	0
Cherrapunji ...	66·3	+4·1	75	22	50·6	+2·1	44	7	0	0	-2·11	0	...	0	-3·5	8·5	6·8	+1·8	0	0	0	0	0	0	0	0	0	0
Darjiling ...	53·2	+5·4	60	21	39·9	+3·3	31	24	0·15	1·17	-0·02	0·43	23	3	+0·4	5·0	4·7	+0·6	7	0	1	3	3	0	0	0	0	0
Darjiling (Raj Bhawan) ...	55·7	...	61	25	41·4	...	34	24	0·05	0·40	...	0·28	23	1	...	2·0	1·5	...	3	0	0	0	29	0	0	0	0	0
Kalimpong ...	65·1	+3·8	71	22	51·8	+3·5	41	24	0·10	0·40	-0·73	0·30	23	2	-1·0	3·8	3·0	-3·9	2	0	0	0	1	0	0	0	0	0
Katmandu ...	72·0	+3·8	82	20	39·4	-0·5	30	24	0·14	0·37	-1·30	0·24	5	1	-4·5	2·1	1·3	0	3	0	0	2	11	0	0	0	0	0
Mukteswar (Kumaon) ...	56·0	+5·5	63	15,16	39·6	+3·8	30	23	0·81	2·21	-0·31	0·94	4	4	-0·7	8·8	8·8	+3·0	4	1	0	1	0	0	0	0	0	0
Lokpal ...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	3·25	...	1·93	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree * ...	57·3	+6·8	67	25	42·0	+4·3	30	23	0·29	1·75	-1·66	1·10	22	2	-3·2	5·3	4·8	-0·2	6	1	2	2	2	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	0·37	...	0·18	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	4·80	...	2·80	2	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	53·6	+4·8	61	15	40·9	+4·8	29	23	0·33	1·29	-1·63	0·53	22	3	-2·7	3·3	3·0	-0·7	4	3	0	2	0	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	2·67	-0·62	1·50	4	3	-2·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	3·34	+0·80	1·05	29	7	+1·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	5·70	...	1·91	3	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	5·57	...	1·11	29	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	5·78	...	1·27	20	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	57·0	...	67	15	39·4	...	31	24,25	1·86	6·53	-0·12	3·18	4	8	-0·5	2·0	2·4	...	8	2	0	1	0	0	0	0	0	0
Dharamshala ...	61·9	...	71	15	49·9	...	42	23	1·18	2·50	...	0·94	21	5	...	...	...	...	5	0	0	1	0	0	0	0	0	0
Pachmarhi ...	79·1	+3·8	85	20,28, 29	54·6	+3·9	44	24	1·31	2·74	+2·07	1·66	10	5	+3·5	3·9	2·9	-0·2	7	0	1	7	0	0	0	0	0	0
Abu ...	72·7	+4·7	79	25	55·2	+2·1	49	4,18, 23	0·03	0·06	-0·17	0·03	3,4	0	-0·6	3·1	3·9	-0·5	2	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	80·7	+3·4	86	27	60·0	+1·8	57	4	0	0	-0·10	0	...	0	-0·1	4·9	4·9	-0·9	0	0	0	0	0	0	0	0	0	0
Nandi Hills ...	76·4	...	81	11	58·7	...	55	4	...	0·30	...	0·25	23	1	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Mercara ...	80·0	-0·6	84	14,29	61·2	+2·2	57	29	0	0·60	+0·36	0·60	24	1	+0·5	5·8	5·0	+1·7	1	0	0	1	0	0	0	0	0	0
Kodaikanal ...	63·7	-0·4	71	30	49·0	+1·6	44	17,18	1·48	2·91	+1·38	1·21	22	5	+2·6	8·0	7·2	-0·6	8	0	0	3	3	0	0	0	0	0
Ootacamund ...	69·5	+3·0	73	5,20, 29	45·3	+1·4	39	16	0·76	1·88	+1·37	0·72	21	4	+2·9	2·8	1·9	-0·9	5	0	0	1	0	0	2	0	0	0
Coonoor ...	64·4	-5·4	69	4 days	54·0	+4·9	49	16	...	11·22	+8·36	3·36	24	6	+3·3	...	4·3	+1·0	6	0	0	5	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	6·21	...	0·80	14,22	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	3·25	...	0·90	26	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	40·1	...	43	18,20	23·8	...	22	11,18 26	...	2·99	...	1·03	23	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	52·7	+7·5	67	19	21·9	+0·2	16	24	...	0·80	-1·35	0·30	24	4	+0·1	...	...	...	5	6	0	0	3	0	0	0	0	0
Lhasa ...	53·8	...	68	18	22·8	...	15	1,2	...	0·03	...	0·03	24	0	...	...	1·6	...	0	0	0	0	1	0	1	0	0	0
Gyantse ...	49·0	+7·0	63	18	13·9	+2·9	3	2,24	...	0·01	-0·07	0·01	24	0	-0·2	...	4·3	-0·6	1	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	87·2	-0·8	92	27	73·4	+1·2	69	14,16	0	4·58	+2·40	1·42	6	7	+3·5	...	...	...	7	0	0	0	0	0	0	0	0	0
Trincomalee ...	82·3	-2·7	86	24,25	76·9	+1·9	73	15	0·45	1·80	-0·54	0·64	20	5	+2·1	...	...	...	10	0	0	0	0	0	0	0	0	0
Batticoloa ...	83·3	...	86	22	75·1	...	70	15	0·09	5·38	...	2·56	6	6	...	...	...	...	10	0	0	0	0	0	0	0	0	0
Hambantota ...	86·3	+0·4	90	27,28	73·7	+1·4	71	14,16, 29	0	0·63	-0·96	0·31	8	3	+0·2	...	...	...	3	0	0	0	0	0	0	0	0	0
Mannar ...	86·3	...	89	23,24	75·9	...	71	15	0·98	1·39	...	0·76	7	6	...	...	...	...	6	0	0	2	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar Catchment																												
Bokaro ...	85·9	...	95	20	53·9	...	48	1, 13,24	0·07	0·19	...	0·07	11	0	...	6·0	3·8	...	4	0	0	3	1	1	0	0	0	0
Hazaribagh ...	80·4	...	89	21	57·4	...	51	7	0·07	0·33	...	0·20	10	2	...	9·0	5·2	...	4	0	0	1	0	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	89·7	...	98	5 days	55·2	...	49	25,26	0	0·38	...	0·38	23	1	...	2·4	1·5	...	1	0	0	0	0	0	0	0	0	0
Hirakud ...	89·7	...	97	10	61·0	...	51	24	0·09	0·41	...	0·37	10	1	...	2·2	3·5	...	3	0	0	0	0	0	0	0	0	0
Barkachhar ...	88·6	...	95	22,28, 29	59·0	...	49	1		2·09	...	0·36	23	4	...	4·0	2·1	...	4	0	0	1	0	0	0	0	0	0
Sonepur ...	89·1	...	98	21	61·8	...	55	1	...	0·23	...	0·13	11	2	...	...	2·0	...	2	0	0	0	0	0	0	0	0	0
Ginabahar ...	85·8	...	93	22	...	...	...	...	...	0·80	...	0·38	23	2	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Jonk ...	38·4	...	96	17	60·9	...	55	4days	0	0·14	...	0·14	10	1	...	2·8	2·1	...	1	0	0	1	1	0	0	0	0	0

* Observations for 28 days.

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Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	60·7	...	77	15	38·9	...	30	22,23	...	2·76	...	0·77	23	5	...	...	...	...	7	0	0	0	0	0	0	0	0	0
Badrinath ...	...	...	...	...	...	closed	dur-	-ing	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa ...	92·7	...	98	20,29	60·6	...	51	2,24	0	0·79	...	0·74	10	1	...	4·8	3·7	...	1	0	0	1	0	0	0	0	0	0
Bagra Tawa ...	89·7	...	96	28,29	58·1	...	48	1,24	0·36	0·66	...	0·43	9	3	...	4·5	3·1	...	4	0	0	5	0	0	0	0	0	0
Thikri ...	93·1	...	99	20,21, 29	60·5	...	53	23	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol ...	83·4	...	89	27	48·3	...	41	29	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Dharoi ...	93·0	...	95	4 days	59·6	...	51	25	..	0·31	...	0·31	13	1	...	...	...	...	0	0	0	0	0	0	0	0	0	0

(R) Register not receivee

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1010·3	1001·3	...	74·8	73·1	72·2	27·3	92	...	3·3	...	2·0	0	0	18	4	10	2	0	0	0	1	1	11
	0830	,,	1012·0	1003 2	-1 4	83·9	76·5	72·9	27·7	70	- 1	3·9	+1·0	5·3	0	0	29	7	18	4	0	0	0	0	0	0
	1130	,,	1010·8	1002·0	...	86·8	77·5	73·1	27·7	64	...	3·1	...	6·6	0	0	29	4	17	8	0	0	0	0	0	0
	1730	,,	1009·3	1000·4	...	80·9	75·3	72·7	27·6	76	...	4·5	...	4·6	0	0	29	3	21	5	0	0	0	0	0	0
	2330	,,	1011·1	1002·1	...	77·8	74·6	73·1	28·1	86	...	2·9	...	4·1	0	0	26	2	18	3	0	0	1	0	2	3
Assam																										
Dibrugarh ...	0830	348	1015·1	1002·8	-1·4	68·1	62·8	59·2	16·9	74	-11	5·4	+1·0	1·4	0	0	20	6	6	7	0	0	0	0	1	9
	1730	,,	1011·2	998·9	...	69·4	63·5	59·4	17·3	72	...	4·8	...	0·8	0	0	10	1	6	2	0	0	1	0	0	19
Dibrugarh(Mohan... bari Aerodrome)	0530	364	1013·7	1000·6	...	57·2	56·1	55·0	15·0	93	...	5·5	...	0·5	0	0	5	0	3	1	1	0	0	0	0	24
	0830	,,	1015·5	1002·5	...	66·3	61·6	58·2	16·8	76	...	5·5	...	2·5	0	0	22	3	16	3	0	0	0	0	0	7
	1130	,,	1013·7	1001·0	...	74·6	63·6	55·5	15·1	53	...	4·8	...	4·3	0	0	29	5	20	2	1	0	0	1	0	0
	1730	,,	1011·8	998·9	...	69·0	62·3	57·7	16·4	68	...	5·1	...	1·1	0	0	11	0	9	0	0	0	0	1	1	18
	2330	,,	1013·6	1000·8	...	60·2	58·1	56·3	15·7	88	...	4·8	...	0·5	0	0	4	1	2	0	0	1	0	0	0	25
Sibsagar ...	0830	317	1015·3	1004·1	-1·0	66·3	63·1	61·1	18·5	84	- 4	5·1	-0·7	2·0	0	0	25	7	8	0	4	2	2	0	2	4
	1730	,,	1011·6	1000·4	...	70·0	67·7	66·4	21·9	88	...	3·6	...	2·5	0	0	23	8	5	2	0	1	0	1	6	6
Tezpur ...	0830	258	1015·1	1005·7	-1·8	65·9	61·3	58·0	16·5	76	- 5	3·0	0	2·1	0	0	29	0	8	20	1	0	0	0	0	0
	1730	,,	1010·7	1001 8	...	75·1	65·2	58·4	16·7	57	...	2·4	...	1·0	0	0	14	1	5	4	0	0	0	4	0	15
Tezpur (P.B.O.) ...	0530	257	1013·2	1003·9	...	59·3	58·0	56·7	15·7	91	...	3·1	...	0·5	0	0	6	2	4	0	0	0	0	0	0	23
	0830	,,	1015·3	1006·1	...	67·0	61·9	58·3	16·7	74	...	3·6	...	2·2	0	0	19	2	11	5	0	0	0	0	1	10
	1130	,,	1013·8	1004·8	...	76·4	65·0	56·8	15·8	52	...	2·5	...	4·3	0	0	27	2	11	7	2	0	1	3	1	2
	1730	,,	1011·1	1002·1	...	73·3	64·4	58·2	16·5	60	...	3·1	...	0·8	0	0	9	2	4	0	0	1	1	0	1	20
	2330	,,	1013·4	1004·1	...	64·6	61·4	58·6	17·4	82	...	3·2	...	1·2	0	0	9	1	8	0	0	0	0	1	0	20
Gauhati ...	0830	182	1014·7	1008·2	-1·0	66·5	61·8	58·5	16·9	76	- 3	1·3	-1·4	1·9	0	0	28	6	5	4	8	4	0	1	0	1
	1730	,,	1009·7	1003·3	...	76·2	66·0	59·0	17·4	56	...	2·6	...	0·6	0	0	8	1	3	2	0	0	1	0	1	21
Gauhati (Kaikuchi... Aerodrome)	0530	162	1012·2	1006·4	...	55·0	54·5	53·8	14·3	96	...	2·0	...	0·7	0	0	7	1	0	0	2	2	1	0	1	22
	0830	,,	1014·2	1008·5	...	67·1	61·8	58·0	16·3	73	...	1·6	...	2·9	0	0	23	4	10	3	0	2	6	1	0	6
	1130	,,	1012·8	1007·2	...	77·7	65·6	57·0	16·2	50	...	1·5	...	5·5	0	0	29	4	14	1	0	1	3	1	5	0
	1730	,,	1010·2 (i)	1004·5	...	72·5 (i)	64·6	59·2	17·1 (i)	64 (i)	...	2·8 (i)	...	1·0 (i)	0	0	9	2	3	1	0	1	1	1	0	20
	2330	,,	1011·8	1006·0	...	60·1	58·6	57·5	16·2	91	...	0·9	...	2·1	0	1	8	2	1	1	0	2	1	1	1	13
Dhubri ...	0830	115	1015·0	1010·8	-0·8	66·2	62·4	59·8	17·3	80	+ 4	1·9	-0·1	4·5	0	1	25	2	14	5	1	2	2	0	3	3
	1730	,,	1010·8	1005·7	...	75·8	64·6	56·4	16·0	52	...	2·3	...	1·5	0	0	17	2	3	1	1	0	3	3	4	13
Silchar ...	0830	96	1015·0	1011·6	-1·1	67·7	62·3	58·6	16·6	73	- 4	2·1	-0·2	0·1	0	0	2	0	0	1	1	0	0	0	0	27
	1730	,,	1010·7	1007·4	...	77·3	66·3	58·9	17·1	54	...	1·8	...	0·1	0	0	1	0	0	1	0	0	0	0	0	28
Tura ...	0830	1,215	1015·0	973·3	...	66·1	59·3	53·7	14·0	65	...	1·9	...	1·9	0	0	20	1	1	9	6	3	0	0	0	9
	1730	,,	1011·3	969·4	...	72·3	67·3	64·3	20·5	77	...	1·9	...	2·4	0	0	28	0	2	11	13	1	1	0	0	1
Lumding ...	0830	...	...	...	...	69·9	66·9	64·7	21·2	84	- 3	...	...	2·5	0	0	29	10	2	0	9	1	2	1	4	0
West Bengal																										
Dum Dum ...	0530	33	1011·7	1010·6	...	63·5	60·7	58·3	16·6	84	...	2·4	...	2·8	0	0	25	4	3	1	0	1	3	7	6	4
	0830	,,	1014·1	1013·0	...	72·0	64·4	58·9	17·3	65	...	2·9	...	3·6	0	1	24	5	1	3	3	2	0	5	6	4
	1130	,,	1013·5	1012·4	...	83·5	65·5	51·3	13·3	34	...	2·5	...	7·5	0	4	25	5	3	2	1	3	2	4	9	0
	1730	,,	1010·4	1009·3	...	82·4	66·3	54·7	14·9	40	...	2·5	...	3·5	0	0	28	4	4	1	0	3	3	7	6	1
	2330	,,	1012·4	1011·3	...	68·4	63·5	60·2	17·7	75	...	1·2	...	3·2	0	0	26	1	2	0	1	8	7	2	5	3
Calcutta ...	0830	21	1014·3	1013·5	-1·0	71 4	65·3	61·0	18·7	72	- 7	1·9	-0·6	1·6	0	0	17	3	3	1	0	1	2	3	4	12
	1730	,,	1010·5	1009·8	...	81·2	66·9	57·2	15·8	45	...	2·7	...	1·7	0	0	19	1	0	2	2	6	3	1	4	10
Saugor Island ...	0830	10	1013·7	1013·4	-1·3	75·0	69·3	65·6	22·1	74	- 4	2·9	+0·3	6·5	0	4	21	6	3	1	0	2	5	3	5	4
	1730	,,	1010·4	1010·1	...	77·3	70·6	66·7	22·8	71	...	3·2	...	8·1	0	4	25	3	1	0	3	12	8	0	2	0
Sandheads ...	0530	32	1011·9	1010·8	...	75·4	70·9	68·4	23·8	79	...	2·5	...	5·1	0	2	23	5	1	0	0	0	10	6	3	4
	0830	,,	1013·8	1012·7	-1·6	77·3	71·9	68·9	24·2	76	+ 6	2·7	+0·9	4·1	0	1	24	4	1	0	1	3	10	1	5	4
	1130	,,	1013·5	1012·4	...	79·2	72·3	68·6	23·8	71	...	2·5	...	3·2	0	0	24	4	1	0	1	2	11	1	4	5
	1730	,,	1010·9	1009·8	...	78·8	71·8	68·1	23·4	70	...	2·8	...	4·3	0	1	21	1	0	0	3	7	10	0	1	7
	2330	,,	1012·0	1010·9	...	76·5	71·6	68·8	24·1	78	...	0·7	...	3·9	0	1	23	1	0	0	2	9	11	1	0	5
Midnapore ...	0830	149	1014·2	1009·0	-1·0	73·6	62·7	53·3	14·4	53	-11	2·0	0	1·9	0	0	22	11	5	1	0	0	0	4	1	7
	1730	,,	1010·3	1005·1	...	84·6	65·0	48·9	12·4	32	...	2·0 (g)	...	1·5 (g)	0	0	15	7	3	2	0	0	1	2	0	14
Contai ...	0830	35	1013·7	1012·4	...	73·5	66·6	61·6	19·0	69	...	0·9 (h)	...	3·0 (h)	0	0	22	4	2	0	0	4	1	4	7	2
	1730	,,	1010·2	1009·0	...	80·9	69·1	62·3	18·7	57	...	0·8	...	6·1	0	1	22	1	0	0	1	20	0	0	1	0
Burdwan ...	0830	106	1013·8	1010·1	-1·5	70·5	61·9	54·3	16·2	57	-10	1·1	-1·2	2·3	0	0	22	8	2	0	0	1	5	4	2	7
	1730	,,	1010·3	1006·7	...	83·0	68·4	58·1	17·2	46	...	1·2	...	1·0	0	0	12	2	1	0	0	3	5	0	1	17
Krishnagar ...	0830	48	1014·3	1012·6	-1·1	69·8	62·9	58·2	16·4	67	- 6	2·2	0	2·3	0	0	24	3	2	0	0	8	3	8	0	5
	1730	,,	1010·8	1009·1	...	81·5	68·6	60·4	17·9	51	...	2·5	...	0·6	0	0	9	1	0	0	0	0	0	8	0	20
Asansol ...	0530	414	1012·4	997·7	...	62·9	56·0	49·3	12·1	63	...	1·2	...	2·3	0	0	18	1	1	0	0	0	0	6	10	11
	0830	,,	1014·2	999·7	-0·8	70·2	59·6	50·5	12·8	51	-12	2·2	+0·1	4·2	0	0	21	4	0	0	0	0	0	12	5	8
	1130	,,	1013·6	999·4	...	82·3	63·6	47·9	11·9	32	...	2·0	...	5·9	0	1	23	3	2	2	1	1	0	3	12	5
	1730	,,	1010·0	995·8	...	83·3	63·4	45·9	10·9	29	...	2·5	...	4·0	0	2	16	1	0	0	1	0	0	4	12	11
	2330	,,	1012·6	998·0	...	68·2	58·8	49·5	12·6	51	...	1·2	...	1·2	0	0	14	1	0	0	0	0	1	1	12	15
Berhampore ...	0830	62	1014·0	1011·7	-1·5	68·4	60·0	53·4	13·8	59	-11	2·0	-0·2	0·8	0	0	8	3	1	0	0	0	4	1	0	21
	1730	,,	1010·1	1008·2	...	81·9	66·3	55·0	15·1	43	...	3·2	...	0·6	0	0	6	1	0	0	0	1	0	2	2	23
Malda ...	0830	103	1014·3	1010·6	-1·3	69·0	60·1	52·8	13·6	57	-14	1·8	+0·4	2·8	0	0	23	4	5	1	1	3	3	4	2	6
	1730	,,	1010·4	1006·7	...	79·1	63·8	51·5	13·1	40	...	2·6 (i)	...	3·8 (i)	0	0	26	0	1	2	0	2	0	6	15	3
Cooch-Behar ...	0830	145	1015·6	1010·4	...	66·4	62·5	58·6	17·5	75	...	1·4 (k)	...	2·1 (k)	0	0	21	1	0	10	6	2	0	0	2	1
	1730	,,	1012·0	1006·9	...	76·9	66·1	59·2	16·8	55	...	1·6	...	0·8	0	0	7	0	1	0	2	1	1	1	1	13

(i) Observations for 22 days. (g) Mean of 24 days. (h) Mean of 23 days. (k) Mean of 20 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	1014·6	1004·8	-0·9	62·5	59·7	57·5	16·0	84	+4	1·7	0	2·3	0	0	24	12	5	1	2	0	1	1	2	5
	1730	,,	1010·4	1000·9	...	77·3	65·9	58·0	16·5	52	...	2·3	...	1·5	0	0	17	0	2	7	0	0	5	2	1	12
Jalpaiguri (P.B.O.)..	0530	271	1012·7	1002·8	...	58·9	57·5	56·0	15·4	91	...	1·7	...	1·7	0	0	20	14	0	0	0	0	2	1	3	9
	1130	,,	1013·7	1004·2	...	76·4	65·1	57·1	15·8	52	...	1·8	...	4·0	0	0	29	1	2	15	4	5	0	0	2	0
	2330	,,	1012·9	1003·1	...	63·6	60·7	58·4	16·7	84	...	2·0	...	1·6	0	0	18	5	2	1	0	0	2	2	6	11
Bagdogra ...	0530	416	1012·2	997·2	...	56·1	54·6	53·2	13·9	90	...	2·1	...	2·1	0	0	15	8	1	0	0	1	1	2	2	14
	0830	,,	1014·2	999·5	...	68·1	61·1	55·9	15·3	66	...	1·9	...	3·2 (g)	0	0	23	5	9	5	3	0	0	1	0	6
	1130	,,	1013·2	998·5	...	77·9	64·2	54·6	14·5	46	...	1·4 (g)	...	6·7 (g)	0	2	21	0	1	9	10	0	2	1	0	1
	1730	,,	1010·1	995·8	...	74·9	64·5	57·0	15·9	55	...	2·4	...	1·6	0	0	12	2	2	3	2	0	2	1	0	13
Orissa																										
Balasore ...	0830	65	1014·6	1011·7	-1·3	72·8	63·8	57·7	16·2	58	-11	(a) 4·4	+2·4	(a) 2·0	0	0	12	5	3	0	0	0	0	0	4	4
	1730	,,	1010·2	1007·9	...	79·8	66·8	57·7	16·6	47	...	(a) 4·3	...	(a) 2·2	0	0	13	0	1	0	7	4	1	0	0	3
Chandbali ..	0830	20	1014·9	1014·2	-0·1	73·3	67·2	63·5	20·1	72	-5	1·8	-0·4	2·5	0	0	29	2	0	1	0	1	7	5	13	0
	1730	,,	1011·5	1010·8	...	79·5	68·7	61·9	18·8	56	...	2·1	...	3·5	0	0	28	0	1	4	21	0	0	1	1	1
Puri ...	0830	20	1014·3	1013·6	-0·6	75·0	68·7	68·2	20·9	71	-5	3·0	+1·0	5·4	0	1	28	8	4	1	1	0	8	1	6	0
	1740	,,	1011·0	1010·3	...	79·4	71·9	67·6	23·4	68	...	2·7	...	9·5	0	6	23	1	1	1	8	13	5	0	0	0
Bhubaneswar ...	0830	150	1014·2	1008·9	...	74·3	65·8	60·0	17·8	62	...	2·7	...	3·7	0	0	22	3	1	0	1	0	6	7	4	7
	1130	,,	1013·4	1008·2	...	86·2	66·0	49·8	13·0	31	...	2·5	...	7·5	0	2	27	3	4	2	0	0	9	6	5	0
Cuttack ...	0830	87	1014·4	1011·3	-0·9	70·7	64·5	60·0	18·2	70	-6	2·8	+0·5	0·2	0	0	2	0	0	0	0	0	0	0	2	27
	1730	,,	1010·1	1007·1	...	87·1	68·0	54·2	14·9	35	...	2·7	...	1·6	0	0	9	0	1	0	1	3	2	0	2	20
Cuttack (P.B.O.) ...	0530	87	1012·2	1009·3	...	66·7	63·6	61·7	18·8	84	...	2·6	...	0·4	0	0	5	0	1	0	0	0	0	3	1	24
	0830	,,	1014·2	1011·3	...	73·3	65·2	61·7	18·9	67	...	2·8	...	2·0	0	0	25	2	5	2	0	0	2	7	7	4
	1130	,,	1013·4	1010·6	...	86·6	69·2	58·3	16·4	40	...	2·7	...	3·2	0	0	28	2	6	1	1	1	5	7	5	1
	1730	,,	1010·5	1007·7	...	85·1	68·7	58·1	16·4	41	...	2·8	...	2·6	0	0	22	0	2	1	6	7	2	2	2	7
	2330	,,	1012·8	1009·9	...	72·1	66·7	63·6	19·8	74	...	1·8	...	0·8	0	0	9	0	1	0	0	2	2	3	1	20
Gopalpur ...	0530	56	1012·3	1010·3	..	66·7	60·1	60·9	14·9	77	...	2·8	...	3·8	0	0	29	13	1	0	0	0	0	1	14	0
	0830	,,	1014·4	1012·4	-0·5	72·5	65·1	60·0	17·7	66	-7	2·9	+1·7	4·1	0	0	29	17	1	0	0	0	1	0	10	0
	1130	,,	1014·0	1012·0	...	83·4	71·1	63·1	20·2	53	...	2·7	...	5·1	0	0	28	5	0	1	8	10	2	0	2	1
	1730	,,	1011·2	1009·1	...	79·3	72·8	69·5	24·6	72	...	2·8	...	6·8	0	2	25	1	0	2	6	14	4	0	0	2
	2330	,,	1013·1	1011·1	...	73·4	67·6	64·4	20·6	78	...	1·5	...	3·5	0	0	23	3	0	0	0	1	9	8	2	6
Koraput ...	0830	2996	904·1	913·5	...	67·2	57·8	49·8	12·4	56	...	2·9	...	3·5	0	1	28	2	1	1	1	21	3	0	0	0
	1730	,,	901·3	910·5	...	78·1	62·5	51·0	13·1	40	...	3·1	...	5·7	0	0	29	15	4	2	4	2	0	1	1	0
Angul ...	0830	455	1015·0	999·0	+0·1	70·4	61·7	54·7	15·1	59	-8	2·6	+0·2	2·3	0	0	23	0	0	0	0	0	2	14	7	6
	1730	,,	1010·1	994·7	...	86·8	65·4	48·1	11·6	28	...	2·7	...	3·0	0	0	27	3	5	4	3	2	2	3	5	2
Sambalpur ...	0830	486	1014·7	99..6	-0·5	68·7	60·6	53·9	14·5	61	-4	2·7	+1·0	1·5	0	0	15	3	7	2	3	0	0	0	0	14
	1730	,,	1010·0	993·4	...	86·4	65·1	47·5	11·3	28	...	2·6	...	2·1	0	0	22	0	1	0	3	4	7	4	3	7
Jharsuguda ...	0530	726	1012·7	986·9	...	62·2	57·6	54·4	14·2	76	...	2·5	...	1·2	0	0	11	7	2	1	1	0	0	0	0	18
	0830	,,	1014·7	989·3	...	69·3	60·6	55·0	14·4	62	...	3·1	...	2·5	0	0	20	15	5	0	1	0	0	0	0	9
	1130	,,	1013·6	988·8	...	81·5	64·1	52·8	12·4	39	...	2·6	...	3·7	0	0	26	9	4	1	1	7	2	0	2	3
	1730	,,	1009·7	985·1	...	82·6	63·6	50·2	11·5	35	...	3·1	...	1·0	0	0	6	1	0	0	0	2	1	0	2	23
	2330	,,	1012·7	987·2	...	68·9	60·2	54·3	14·1	61	...	2·4	...	0·5	0	0	5	3	0	1	0	1	0	0	0	24
Titilagarh ...	0830	691	1014·6	990·4	...	69·9	60·0	51·8	13·1	55	...	2·2	...	0·8	0	0	12	0	0	1	5	5	0	0	1	17
	1730	,,	1009·5	986·1	...	87·0	66·1	50·0	12·4	30	...	2·3	...	0·1	0	0	1	0	0	0	0	1	0	0	0	28
Chota Nagpur																										
Purulia ...	0830	835	1014·9	985·8	...	70·5	60·1	51·0	13·0	52	...	2·4	...	3·4	0	0	26	0	0	0	0	0	7	2	17	3
	1730	,,	1009·9	981·6	...	82·6	65·1	51·8	13·3	38	...	2·7	...	2·5	0	0	18	4	0	1	0	0	0	1	12	11
Jamshedpur ...	0830	423	1014·6	999·7	-0·6	67·7	59·0	51·4	13·3	58	-14	2·3	0	2·6	0	1	19	0	1	2	0	0	0	8	9	9
	1730	,,	1010·1	995·7	...	84·5	69·2	49·6	12·3	33	...	2·9	...	3·3	0	0	20	2	1	3	1	1	2	3	7	9
Jamshedpur(P.B.O.)	0530	423	1013·1	998·0	...	61·0	56·6	52·9	13·6	76	...	2·5	...	1·9	0	0	14	0	1	0	0	0	1	10	2	15
	1130	,,	1013·6	999·1	...	82·1	63·6	48·0	11·8	33	...	2·2	...	5·4	0	1	27	0	3	1	0	1	3	13	7	1
	2330	,,	1012·7	997·7	...	67·8	60·6	54·7	15·1	65	...	1·9	...	1·7	0	0	13	0	0	0	2	0	1	10	0	16
Chaibasa ...	0830	742	1014·7	988·6	-0·5	67·9	59·2	51·7	13·4	57	-14	2·8	+0·7	1·2	0	0	14	1	2	1	0	1	7	1	1	15
	1730	,,	1009·7	984·5	...	84·1	64·0	46·9	11·5	30	...	3·1	...	0·7	0	0	10	1	2	1	1	0	2	1	2	19
Ranchi ...	0830	2150	90..3	940·9	+0·1	67·4	56·9	47·1	10·8	50	-4	1·9	-0·2	0·7	0	0	7	1	2	1	0	1	0	0	2	22
	1730	,,	900·3	938·1	...	76·9	61·3	47·6	12·3	40	...	3·0	...	0·8	0	0	7	0	0	0	0	1	0	1	5	22
Hazaribagh ...	0830	2006	901·7	945·6	+0·1	66·6	55·4	45·1	10·7	48	-12	2·5	-0·7	4·2	0	0	23	1	1	2	0	4	5	1	9	6
	1730	,,	899·7	942·6	...	76·0	58·3	42·2	9·7	32	...	3·3	...	6·5	0	2	25	7	2	1	0	0	1	0	16	9
Hazaribagh (C.W.)..	0530	2008	899·0	943·5	...	57·7	51·6	45·6	10·6	66	...	1·7	...	2·3	0	1	14	3	1	0	0	1	0	7	3	14
	0830	,,	901·8	945·6	...	67·9	57·2	48·3	11·0	52	...	2·3	...	3·2	0	1	22	1	0	1	0	4	0	13	4	6
	1130	,,	902·3	945·2	...	78·0	60·9	47·3	11·5	36	...	2·7	...	5·2	0	1	28	1	1	0	1	4	1	10	11	0
	1730	,,	899·6	942·7	...	73·8	59·7	48·2	11·9	43	...	3·5	...	3·7	0	2	23	4	0	0	0	1	1	7	12	4
	2330	,,	900·0	944·3	...	61·2	51·6	46·4	11·1	60	...	2·2	...	1·6	0	0	13	4	1	0	0	1	1	4	2	16
Daltonganj ...	0830	725	1015·2	989·6	-0·5	67·4	58·5	50·4	12·6	56	-17	2·3	-0·7	2·2	0	0	25	1	3	7	1	3	1	5	4	4
	1730	,,	1010·2	985·4	...	79·6	62·4	46·9	11·7	35	...	3·4	...	3·3	0	0	28	4	4	2	1	0	0	7	10	1
Dhanbad ...	0830	839	1014·0	984·7	...	71·1	58·9	47·7	11·7	46	...	2·1	...	5·5	0	2	26	6	4	0	0	0	8	8	2	1
	1730	,,	1009·8	981·1	...	81·2	62·0	43·3	10·4	30	...	3·0	...	5·0	0	1	26	6	2	1	0	1	4	3	10	2
Bihar																										
Purnea ...	0830	124	1014·4	1010·0	-0·9	64·2	58·6	54·0	14·4	70	-6	2·0	+0·3	2·4	0	0	24	0	5	5	0	0	6	7	1	5
	1730	,,	1010·3	1005·9	...	75·4	62·9	53·2	14·0	48	...	2·6	...	0·8	0	0	10	0	0	0	0	0	3	7	0	19

(a) Means of 24 days. (c) Mean of 16 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar—*Contd.*																										
Darbhanga ...	0830	161	1014·5	1008·7	−0·8	63·3	59·3	56·3	15·5	78	+ 5	1·5	−0·2	1·8	0	0	24	1	6	4	1	0	0	12	0	5
	1730	,,	1010·9	1005 2	...	77·4	66·3	58·8	17·2	53	...	2·3	...	0·5	0	0	8	0	0	0	0	0	2	4	2	21
Motihari ...	0830	218	1014·7	1007·0	−0·4	64·8	59·9	56·1	15·3	74	− 2	1·7	0	2·2	0	0	21	0	0	13	0	0	0	7	1	8
	1730	,,	1010·8	1003·2	...	73·2	64·9	61·1	17 0	66	...	2·8	...	1·5	0	0	16	0	1	6	0	0	0	9	0	13
Patna ...	0830	173	1014·4	1008·2	−1·1	67·5	59·0	51·9	13·2	59	− 4	1·5	−0·1	4·7	0	0	27	0	3	1	3	2	8	7	3	2
	1730	,,	1010·5	1004·5	...	79·6	65·4	50·2	12·9	38	...	2·7	...	3·0	0	0	21	2	3	0	1	0	0	12	3	8
Patna (Aerodrome) ...	0530	196	...	...	...	57·2	54·1	51·1	13·0	81	...	1·6	...	1·2	0	0	12	1	1	1	0	2	1	5	1	17
	0830	,,	...	...	...	66·6	58·8	53·1	13·3	62	...	2·1	...	3 8	0	0	24	2	0	1	2	2	4	13	0	5
	1130	,,	...	...	...	78·3	63·1	50·8	13·1	39	...	2·3	...	5·2	0	0	29	0	1	4	1	4	3	10	6	0
	1730	,,	...	...	...	78·9	63·0	49·9	12·4	39	...	2·9	...	1·8	0	0	16	0	0	0	0	0	0	7	9	13
Dehri ...	0830	352	1014·4	1001·8	...	67·4	59·1	52·0	13·1	59	...	2·0	...	3·2	0	0	27	0	0	0	5	3	14	1	4	2
	1730	,,	1010·2	998 0	...	81·9	63·8	49·1	13·2	34	...	3·2	...	2·9	0	0	28	5	0	3	3	0	0	1	16	1
Gaya ...	0530	365	1012·2	999·1	..	59·3	53·2	47·0	11·2	65	...	1·7	...	4·1	0	0	25	0	0	3	12	7	1	2	0	4
	0830	,,	1014·4	1001·5	−0·9	67·6	57·4	47·6	11·8	51	− 9	2·1	+0·3	5·4	0	0	27	0	1	2	4	14	4	2	0	2
	1130	,,	1013·8	1001·2	...	81·3	62·3	45·1	10·6	29	...	2·2	...	7·9	0	5	21	1	1	4	1	2	2	15	0	3
	1730	,,	1010·3	997·8	...	80·6	61·5	43·7	10·2	30	...	2·9	...	8·1	0	2	24	3	1	1	0	1	0	11	9	3
	2330	,,	1012·6	999·7	...	66·2	56·4	46·9	10·9	51	...	1·1	...	2·8	0	0	19	1	1	3	2	7	2	2	1	10
Jamui ...	0830	270	1014·4	1005·1	...	66·4	58·7	52·2	13·6	61	...	2·4	...	2·7	0	0	23	0	2	8	6	0	0	2	5	6
	1730	,,	1010·7	1002·4	...	80·1	63·5	49·9	12·7	40	...	3·3	...	4·3	0	0	25	0	0	0	0	1	0	3	21	4
Dumka ...	0830	489	1011·2	997·0	−1·1	72·3	61·3	53·2	13·6	54	− 5	1·9	+0·3	2·5	0	0	28	1	2	0	3	0	14	4	4	1
	1730	,,	1010·0	993·6	...	80·1	63·8	51·2	12·7	40	...	1·9	...	2·8	0	0	29	2	2	0	1	1	13	7	3	0
Sa'our ...	0830	122	1014·3	1009·9	−0·7	66·1	59·6	54·1	14·6	67	−12	2·1	−0·3	3·4	0	0	26	1	3	2	4	1	8	7	0	3
	1730	,,	1010·3	1006·0	...	76·7	64·7	55·7	15·5	50	...	3·0	...	2·7	0	0	23	4	1	0	0	0	1	3	14	6
Bhagalpur ...	0530	160	1011·7	1006·2	...	61·0	56·6	52·8	13·6	75	...	1·1	...	2·4	0	0	20	2	0	1	3	1	7	4	2	9
	0830	,,	1013·8	1008·4	...	69·4	60·8	54·3	14·4	60	...	1·9	...	3·4	0	0	22	1	2	0	4	0	6	9	0	7
	1130	,,	1013·5	1008·1	...	77·3	64·3	54·8	14·7	47	...	2·0	...	4·8	0	0	28	1	4	2	1	0	4	9	7	1
	1730	,,	1010·1	1004·6	...	76·2	64·4	56·6	15·1	51	...	2·5	...	3·2	0	0	26	5	3	0	0	0	0	11	7	3
	2330	,,	1012·3	1006·8	...	67·5	60·1	54·1	14·3	64	...	1·5	...	3·2	0	0	21	0	1	3	4	0	7	5	1	8
U. P. East																										
Gonda ...	0830	330	1014·5	1001·5	...	62·6	55·5	49·8	12·2	68	− 7	2·1	−0·1	2·2	0	0	23	1	1	4	0	0	0	12	5	6
	1730	,,	1011·0	998·6	...	77·0	61·4	46·5	11·7	37	..	2·6	...	1·6	0	0	14	1	0	1	0	0	0	5	7	15
Gorakhpur ...	0830	254	1013·7	1004·6	−1·3	64·2	57·0	50·0	12·5	63	− 8	1·6	+0·1	0·7	0	0	11	0	1	1	0	0	0	9	0	18
	1730	,,	1010·3	1001·4	...	73·2	62·4	48·1	11·6	36	...	2·3	...	0·7	0	0	10	0	0	0	0	0	7	1	2	19
Gorakhpur (P.B.O.) ...	0530	257	1011·7	1002·5	...	57·5	54·1	51·0	12·7	80	...	1·0	...	2·6	0	0	18	3	1	2	0	0	2	9	1	11
	1130	,,	1013·8	1004·8	...	76·9	62·7	51·0	13·2	43	...	2·6	...	5·9	0	3	26	1	0	2	2	2	7	12	3	0
	2330	,,	1012·3	1003·1	...	63·4	57·3	51·4	13·4	69	...	1·8	...	3·0	0	0	17	2	0	1	0	1	5	7	1	12
Azamgarh ...	0830	255	1014·0	1005·1	...	65·2	58·0	52·0	13·1	63	...	2·1	...	0·5	0	0	7	0	0	1	1	0	1	3	1	22
	1730	,,	1010·3	1001·5	...	77·9	64·4	53·1	14·6	44	..	2·1	...	0·6	0	0	6	0	1	0	0	0	0	4	1	23
Banaras ...	0830	250	1014·3	1005·3	−1·2	62·7	56·2	50·0	12·5	65	− 4	2·2	+0·3	2·6	0	0	23	1	0	3	1	2	13	2	1	6
	1730	,,	1010·7	1002·1	...	80·9	62·4	45·6	10·9	31	...	3·1	...	2·4	0	0	26	7	1	1	0	0	0	14	3	3
Banaras (Babatpur Aerodrome) ...	0530	280	1013·4	1002·2	...	56·9	52·8	48·8	11·9	75	...	2·0	...	2·9	0	0	22	1	2	2	1	1	9	4	2	7
	0830	,,	1014·8	1004·8	...	68·1	58·2	49·6	12·4	53	...	2·4	...	4·8	0	1	23	0	2	2	3	0	8	7	2	5
	1130	,,	1014·7	1004·9	...	78·6	61·4	46·6	10·4	35	...	2·3	...	7·1	0	2	25	0	3	5	1	0	1	15	4	2
	1730	,,	1010·9	1001·2	...	80·7	62·1	46·0	10·7	32	...	3·0	...	5·6	0	1	27	0	6	2	1	0	2	11	6	1
	2330	,,	1012·9	1002·9	...	62·8	56·0	49·8	12·4	64	...	2·6	...	3·3	0	0	24	0	4	3	3	0	2	10	2	5
Allahabad (Bamrauli) ...	0530	322	1012·6	1001·1	...	58·6	54·6	50·8	13·0	76	...	1·6	...	2·5	0	0	20	0	2	2	2	2	5	5	2	9
	0830	,,	1014·7	1003·2	−0·8	64·9	57·8	51·9	13·3	64	− 2	2·4	+0·2	4·0	0	0	25	1	3	3	1	2	8	5	2	4
	1130	,,	1014·7	1003·5	...	78·4	62·9	50·2	12·3	40	...	2·6	...	6·7	0	1	27	1	3	5	1	2	2	10	4	1
	1730	,,	1011·0	999·8	...	79·4	64·4	52·7	13·6	42	...	3·0	...	4·5	0	2	23	3	2	1	0	1	0	9	9	4
	2330	,,	1013·2	1001·7	...	64·9	58·3	52·7	13·8	66	...	2·1	...	2·6	0	0	18	1	2	3	0	1	5	5	1	11
Fatehpur ...	0830	375	1014·9	1001·5	...	63·5	57·2	51·6	13·1	66	− 5	2·1	+0·3	2·8	0	1	22	0	4	2	1	1	3	8	4	6
	1730	,,	1011·4	997·4	...	78·2	63·3	52·4	13·0	42	...	2·3	...	1·4	0	0	16	1	3	0	0	0	0	7	5	13
Banda ...	0830	398	1015·0	1000·9	...	62·5	55·2	51·9	11·6	68	...	1·3	...	1·4	0	0	17	0	0	4	1	0	4	8	0	12
	1 30	..	1010·9	997·3	...	80·6	66·5	56·4	15·9	46	...	1·6	...	1·4	0	0	17	1	2	1	0	0	1	10	2	12
Orai ...	0830	463	1014·9	998·4	...	63·0	56·9	52·1	13·2	69	...	2·7	...	4·3	0	0	28	4	3	2	3	1	3	8	4	1
	1 30	..	1011·1	9[illegible]5·2	...	80·2	65·2	52·7	14·3	43	...	4·0	..	5·0	0	0	29	5	8	2	0	0	0	0	14	0
Kanpur ...	0830	414	1014 8	1000·2	−0·3	64·6	57·5	51·4	13·0	65	− 3	2·7	+1·4	4·8	0	2	21	3	2	3	3	0	4	7	1	6
	1730	..	1011 2	996·5	...	79·1	63·6	51·4	13·0	40	...	3·2	...	6·4	0	2	23	4	3	1	1	0	0	8	8	4
Lucknow ...	0530	371	1014·9	999·5	...	57·8	54·1	50·6	12·8	78	...	1·7	...	1·7	0	0	14	2	1	0	0	0	4	3	4	15
	0830	,,	1014·8	1001·8	−0·3	62·2	56·1	50·3	12·5	66	− 2	2·2	+0·2	2·3	0	0	28	4	2	4	0	0	2	13	3	1
	1730	,,	1011·6	998 7	...	78·6	63·5	51·2	13·3	42	...	2·6	...	2·3	0	0	24	5	1	2	0	1	3	6	6	5
Lucknow (Amausi Aerodrome) ...	0830	419	1014·3	999·6	...	62·1	55·5	49·4	12·0	65	...	2·8	...	5·1	0	0	24	2	4	0	2	1	4	10	1	5
	1130	,,	1014·6	1000·0	...	75·7	60·8	47·7	11·3	41	...	3·2	...	7·4	0	6	19	0	1	1	5	1	1	8	8	4
	1730	,,	1011·1	996·7	...	78·0	61·6	47·3	11·3	38	...	3·2	...	7 0	0	4	20	2	1	2	0	0	1	7	11	5
Hardoi ...	0830	467	1013·6 (c)	996·8 (c)	...	58·5	53·8	48·4	12·0	73	...	3·3	...	2·6	0	0	23	4	1	2	2	0	3	6	5	6
	1730	..	1010·5	994·4	...	78·2	62·5	50·5	12·1	39	...	2·3	...	3·2	0	0	25	6	1	1	1	1	0	4	11	4
Lakhimpur Kheri ...	0830	483	1014·6	997·3	...	60·8	55·1	50·0	12·6	68	...	3·5	...	3·0	0	0	25	1	0	4	2	0	1	10	7	4
	1730	,,	1010·9	994·1	...	75·7	62·3	51·4	13·9	45	...	2·9	...	2·8	0	0	18	0	0	1	0	0	0	9	8	11
Bahraich ...	0830	407	1014·7	1000·0	−0·1	61·7	55·8	50·9	12·6	69	− 5	2·6	+1·0	2·3	0	0	20	1	1	3	2	0	1	6	6	9
	1730	,,	1010·9	996·8	...	77·8	62·6	50·4	13·1	39	...	2·7	...	3·3	0	0	25	2	1	1	0	0	2	7	13	4

(c) Mean of 28 days

(d) Mean of 27 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1015·6	986·8	0	64·4	55·3	46·0	11·0	54	0	1·9	+0·6	2·4	0	0	18	1	3	1	0	0	2	10	1	11
	1730	..	1010·4	982·2	...	81·3	61·8	43·5	9·9	31	...	2·4	...	1·6	0	0	12	0	1	0	0	0	0	8	3	17
Agra * ...	0830	553	1015·5	995·2	−0·7	57·5	52·7	48·0	12·5	73	+10	2·0	−0·1	0·5	0	0	7	0	0	0	1	0	0	6	0	21
	1730	..	1011·7	992·5	...	78·2	62·4	48·8	12·1	39	...	2·0	...	0·6	0	0	6	0	1	0	0	0	0	4	1	23
Mainpuri ...	0830	516	1015·0	996·5	−0·4	60·6	55·5	50·1	13·1	70	+ 4	2·7	+0·5	1·3	0	0	16	1	0	2	0	0	1	10	2	13
	1730	..	1013·8	994·0	...	77·6	63·6	53·4	14·8	44	...	2·7	...	2·3	0	0	20	1	0	3	0	0	0	9	8	9
Aligarh ...	0530	615	1013·4	991·2	...	54·9	52·1	49·1	12·2	82	...	2·4	...	1·1	0	0	8	1	0	3	0	0	0	2	2	21
	0830	..	1015·4	993·2	...	57·9	53·9	50·7	12·5	78	+ 5	3·0	+0·8	0·9	0	0	9	0	0	2	0	0	0	4	3	20
	1130	..	1015·6	994·4	...	73·6	61·4	51·7	13·9	49	...	3·4	...	3·0	0	0	17	4	1	1	0	0	0	6	5	13
	1730	..	1011·7	990·5	...	75·5	62·8	52·9	13·7	47	...	3·4	...	0·8	0	0	8	0	0	2	0	0	0	2	4	21
	2330	..	1013·8	991·8	...	60·9	56·3	52·4	13·6	74	...	2·4	...	0·6	0	0	3	1	0	2	0	0	0	0	0	26
Bareilly ...	0830	568	1014·4	994·1	−0·7	60·1	55·2	50·8	12·5	72	− 3	3·3	+1·0	3·0	0	0	20	6	2	0	2	1	1	6	2	9
	1730	..	1011·0	991·3	...	74·1	61·9	52·2	13·3	48	...	3·5	...	1·9	0	0	21	2	2	1	1	0	1	12	2	8
Bareilly (P.B.O.) ...	0530	565	1012·4	992·0	...	57·6	54·7	53·3	13·1	84	...	2·1	...	2·9	0	1	19	1	4	2	1	0	0	6	7	9
	1130	..	1014·5	994·7	...	72·5	60·7	53·3	12·9	52	...	3·6	...	4·6	0	0	28	1	2	2	1	1	1	9	11	1
	2330	..	1012·6	992·7	...	63·2	58·8	55·5	14·7	78	...	1·6	...	2·6	0	0	21	3	0	6	0	0	0	8	4	8
Meerut ...	0830	728	1015·0	988·8	−0·6	57·4	53·3	50·0	11·9	75	− 5	1·7	−0·6	1·8	0	0	23	0	0	4	0	0	0	7	12	6
Roorkee ...	0830	899	1014·9	982·5	−0·7	54·4	51·3	48·4	11·4	80	+ 1	2·3	−0·3	1·3	0	0	19	0	0	0	4	0	0	1	14	10
	1730	..	1011·1	980·0	...	74·0	59·8	47·8	11·0	41	...	2·6	...	1·4	0	0	19	0	0	0	3	0	1	5	10	10
Dehra-Dun ...	0530	2,239	899·4	935·8	...	52·1	47·6	42·7	9·0	72	...	1·8	...	0·8	0	0	9	6	2	0	0	1	0	0	0	20
	0830	..	900·1	937·0	0	54·6	49·6	44·5	10·5	70	0	2·3	−1·0	1·3	0	0	7	1	3	0	0	0	0	2	1	22
	1130	..	903·7	938·0	...	68·5	55·7	44·0	10·0	43	...	3·0	...	1·5	0	0	20	1	0	0	1	1	14	3	0	9
	1730	..	900·2	935·3	...	70·1	57·5	47·0	9·2	45	...	3·1	...	1·3	0	0	16	1	2	0	0	0	6	6	1	13
	2330	..	900·5	936·7	...	56·5	50·9	45·5	10·5	68	...	2·3	...	1·7	0	0	22	11	10	0	0	0	0	0	1	7
Punjab (I)																										
New-Delhi ...	0530	710	1013·3	987·4	...	56·4	51·5	46·2	11·0	72	...	1·4	...	4·1	0	0	24	1	2	0	3	2	3	5	8	5
	0830	..	1015·2	989·6	−0·5	59·2	52·9	46·2	10·9	64	− 4	3·0	+0·5	5·3	0	0	28	2	1	1	3	2	6	9	4	1
	1130	..	1015·3	990·3	...	72·6	58·8	46·0	11·0	42	...	2·9	...	7·7	0	2	27	2	3	3	4	0	1	6	10	0
	1730	..	1011·6	986·9	...	75·4	59·6	44·1	10·2	35	...	3·1	...	7·5	0	2	26	7	0	5	2	0	0	1	13	1
	2330	..	1013·3	988·0	...	61·6	54·5	47·0	11·6	62	...	2·0	...	4·3	0	1	24	3	2	3	4	0	0	5	8	4
Hissar ...	0830	725	1016·2	989·9	+0·3	54·1	50·4	46·5	10·7	76	+11	2·2	0	3·0	0	0	26	3	4	2	2	3	6	4	2	3
	1730	..	1012·1	987·0	...	77·0	62·3	50·0	12·5	41	...	2·0	...	3·8	0	0	28	6	1	2	2	2	1	3	11	1
Karnal ...	0830	818	1014·9	985·5	...	54·9	51·2	44·0	11·2	75	...	2·8	...	2·4	0	0	19	2	1	0	1	0	0	8	7	10
	1730	..	1011·8	983·0	...	73·5	58·6	45·1	10·0	38	...	3·1	...	3·4	0	0	24	2	0	1	1	0	1	12	7	5
Ambala ...	0330	892	1014·4	982·4	−0·9	56·2	52·1	48·8	11·4	75	+ 2	2·6	−0·3	1·7	0	0	11	0	0	0	3	0	0	1	7	18
	1730	..	1011·4	980·5	...	73·9	60·4	48·9	11·9	43	...	3·0	...	1·7	0	0	14	0	0	1	2	0	0	0	11	15
Ambala (P.B.O.) ...	0530	903	1013·2	980·8	...	57·1	53·0	49·5	11·9	77	...	2·4	...	2·8	0	0	16	2	0	2	1	0	0	1	10	13
	1130	..	1015·2	983·4	...	67·1	58·0	51·2	12·4	58	...	3·3	...	4·6	0	2	23	0	1	6	3	0	0	3	12	4
	2330	..	1013·7	981·6	...	62·3	56·0	51·0	12·1	68	...	2·2	...	3·3	0	1	18	2	0	4	2	0	0	0	11	10
Patiala ...	0830	822	1014·9	985·3	...	55·5	51·7	47·0	11·0	75	...	3·3	...	2·5	0	0	23	2	0	0	9	0	0	0	12	6
	1730	..	1011·7	983·2	...	72·3	59·3	48·0	11·2	43	...	3·6	...	3·6	0	0	28	7	1	2	3	0	0	3	12	1
Ludhiana ...	0830	810	1015·3	985·9	−0·6	54·5	51·2	48·2	11·4	80	+ 4	3·0	+0·4	0·3	0	0	3	0	0	1	1	1	0	0	0	26
	1730	..	1012·3	984·2	...	73·4	62·8	54·2	14·9	54	...	3·2	...	0·1	0	0	7	0	1	0	1	0	0	2	3	23
Ferozepur ...	0830	657	1015·6	991·7	...	51·6	49·3	47·3	11·4	83	...	3·0	...	1·0	0	0	14	0	8	0	0	1	0	1	4	15
	1730	..	1012·9	998·3	...	71·6	58·7	47·0	10·4	43	...	2·3	...	0·5	0	0	5	0	5	0	0	0	0	0	0	24
Amritsar ...	0530	769	1014·2	986·2	...	49·1	47·8	46·6	10·7	92	...	2·1	...	4·1	0	0	25	4	5	2	1	0	0	4	9	4
	0830	..	1015·7	987·8	...	52·2	50·2	48·1	11·5	86	...	3·0	...	4·3	0	0	21	2	3	3	1	0	0	7	5	8
	1130	..	1016·0	988·9	...	65·5	57·3	50·3	12·4	59	...	2·6	...	7·3	0	0	29	6	1	2	3	0	0	2	15	0
	1730	..	1012·9	986·0	...	69·9	59·4	50·3	12·7	52	...	3·0	...	5·5	0	0	26	1	2	3	2	0	1	5	12	3
Pathankot ...	0830	1128	1015·7	975·2	...	54·0	50·3	46·9	10·8	76	...	3·4	...	2·6	0	0	26	0	5	17	1	2	0	0	1	3
	1730	..	1013·4	974·1	...	68·7	57·9	48·7	11·3	51	...	5·0	...	2·3	0	0	28	0	4	3	1	0	3	16	1	1
Jammu and Kashmir																										
Srinagar ...	0830	5,205	799·9	844·5	+0·4	37·4	35·9	33·9	6·5	88	0	6·3	+0·1	2·4	0	0	16	2	0	0	7	1	0	0	6	13
	1130	..	801·3	845·1	...	44·8	40·8	36·3	8·5	74	...	5·7	...	3·5	0	0	24	1	2	2	6	4	1	1	7	5
	1730	..	799·0	842·5	...	47·4	41·9	35·9	6·9	66	...	5·9	...	3·6	0	0	22	4	4	0	2	1	2	3	6	7
Gulmarg ...	0830	8709				Closed during winter months																				
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	709·3	664·6	...	18·0	14·7	5·9	1·8	57	...	4·9	...	1·1	0	0	17	0	17	0	0	0	0	0	0	13
	0830	..	709·5	664·9	+1·0	20·7	17·0	6·5	2·1	50	− 5	5·0	+0·3	0·7	0	0	2	0	2	0	0	0	0	0	0	27
	1730	..	706·1	662·9	...	33·1	26·3	14·1	2·7	44	...	5·8	...	2·5	0	0	21	0	0	0	0	3	11	5	2	8
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ** ...	0830	...	...	...	...	58·4	53·8	49·3	12·2	72	...	4·2	...	9·4	0	0	27	1	24	0	0	0	0	1	1	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1015·5	994·4	...	54·4	51·3	48·1	11·6	76	− 4	1·7	−1·6	0·8	0	0	10	2	2	1	0	2	3	0	0	19
	1730	..	1012·2	991·9	...	72·5	60·3	49·5	12·3	46	...	1·3	...	1·4	0	0	15	3	3	0	1	1	1	3	4	14
Bikaner ...	0830	734	1015·1	988·6	−0·6	54·8	47·8	38·6	8·2	57	− 2	1·7	−0·5	2·0	0	0	14	0	3	1	8	0	2	0	0	15
	1730	..	1011·1	985·8	...	78·9	58·3	35·2	7·6	24	...	2·2	...	3·9	0	0	27	0	13	0	2	1	5	0	6	2

* Observations for 28 days. (R) Register not received. ** Observations for 27 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.) *	0530	735	1013·9	987·7	...	53·6	49·1	43·7	9·9	71	...	1·4	...	1·4	0	0	10	2	1	3	0	3	0	1	0	18
	1130	,,	1015·4	990·1	...	74·6	62·2	51·6	13·4	48	...	2·1	...	4·3	0	0	25	2	3	8	4	4	4	0	0	4
	2330	,,	1014·1	988·0	...	62·8	54·1	45·3	10·5	56	...	1·4	...	1·7	0	0	16	5	5	0	0	4	1	1	0	13
						(f)	(f)	(f)	(f)	(f)																
Jaisalmer ...	0830	793	1014·4	986·2	...	60·2	54·6	48·8	12·0	64	...	2·2	...	4·6	0	1	22	0	13	0	1	1	6	2	0	6
	1730	,,	1010·7	983 5	...	79·5	67·2	57·9	17·3	51	...	2·4	...	7·9	0	2	25	1	15	0	1	0	8	1	1	2
Jodhpur ...	0530	736	1013·3	986·9	...	59·0	48·8	34·9	7·1	43	...	1·0	...	4·5	0	0	25	1	20	1	0	0	2	1	0	4
	0830	,,	1015·1	988·7	+0·7	60·3	49·6	34·9	7·2	41	− 6	2·4	+0·2	5·1	0	0	22	0	18	3	0	0	1	0	0	7
	1130	,,	1015·1	989·5	...	76·0	58·4	39·1	8·9	30	...	2·1	...	6·9	0	2	24	0	11	7	1	2	2	2	1	3
	1730	,,	1010·8	985·6	...	82·0	59·9	36·0	7·8	21	...	2·4	...	6·2	0	0	26	2	4	5	0	0	3	6	6	3
	2330	,,	1013·3	987·4	...	68·1	53·4	34·9	7·7	32	...	1·1	...	5·1	0	0	25	4	13	0	0	0	2	5	1	4
Phalodi ...	0830	794	1014·8	986·2	...	56·6	47·3	35·6	7·4	48	...	2·5	...	5·2	0	0	29	3	3	5	4	9	3	1	1	0
	1730	,,	1011·3	984·1	...	79·3	60·4	41·5	9·5	28	...	2·6	...	10·6	2	1	26	8	5	0	2	2	5	3	4	0
Barmer ...	0530	638	1013·5	989·8	...	62·4	53·5	44·0	9·8	52	...	1·6	...	3·4	0	0	20	2	0	0	0	0	0	4	14	9
	0830	,,	1014·5	991·7	−0·1	61·2	53·2	44·3	10·0	56	− 2	2·6	+0·5	3·0	0	0	19	4	1	0	0	0	1	2	11	10
	1130	,,	1015·2	993·0	...	76·2	62·3	50·5	9·3	42	...	2·3	...	5·0	0	0	24	6	8	0	2	0	2	2	4	5
	1730	,,	1010·6	988·8	...	82·9	66·1	53·2	10·0	37	...	2·5	...	4·6	0	0	26	6	4	1	1	3	3	5	3	3
	2330	,,	1012·9	990·5	...	69·3	57·0	44·7	10·2	43	...	1·0	...	4·0	0	0	23	4	0	0	0	2	1	5	10	7
Rajasthan, East																										
Sikar ...	0830	1419	1015·7	965·2	...	58·9	54·3	50·2	12·5	73	...	2·4	...	1·3	0	0	15	1	1	6	4	2	1	0	0	14
	1730	,,	1011·8	963·6	...	77·0	67·5	61·4	18·7	56	...	3·7	...	2·1	0	0	28	2	6	1	1	1	2	7	8	1
Jaipur ...	0830	1431	1015·3	965·1	-0·6	63·3	53·2	42·1	9·5	48	0	2·5	+0 4	3·0	0	2	13	1	2	7	5	0	0	0	0	14
	1130	,,	1014·8	965·7	...	74·6	57·3	37·7	8·3	29	...	2·3	...	4·5	0	1	23	1	2	5	5	3	2	2	4	5
	1730	,,	1011·0	962·3	...	77·5	58·5	38·0	8·2	28	...	3·1	...	4·0	0	3	21	4	3	4	4	0	2	3	4	5
Jaipur (Sanganer Aerodrome) ...	0530	1282	1013·5	967·9	...	57·5	50·7	42·7	9·6	61	...	1·6	...	5·2	0	1	24	4	9	6	0	0	1	1	4	4
	0830	,,	1015·0	969·6	...	60·4	52·5	43·9	9·9	57	...	2·7	...	7·2	0	2	20	4	8	6	1	0	0	0	3	7
	1130	,,	1014·8	970·5	...	73·0	57·6	41·2	9·2	36	...	2·7	...	8·1	0	4	23	1	3	9	6	0	0	5	3	2
	1730	,,	1010·7	966·9	...	77·9	59·3	39·9	8·9	30	...	3·1	...	7·6	0	3	20	4	3	5	0	1	3	4	3	6
	2330	,,	1013·3	968·3	...	63·6	53·5	42·6	9·5	49	...	1·4	...	7·4	0	0	26	4	7	10	0	0	0	0	5	3
Ajmer ...	0830	1593	1015·8	959·6	-0·5	59·0	49·7	39·0	8·1	51	− 1	2·6	+0·9	1·2	0	0	9	0	5	0	0	0	1	2	1	20
	1730	,,	1010·7	956.7	...	77·7	56·5	34·0	6·2	23	...	2·5	...	2·3	0	0	19	1	4	1	1	0	4	7	1	10
Kotah ...	0530	843	1012·9	982·9	...	61·8	53·3	44·4	10·1	54	...	1·4	...	0·9	0	0	8	2	0	1	0	0	0	2	3	21
	0830	,,	1015·0	985·2	-0·9	63·9	53·8	42·9	9·8	49	+ 1	2·2	+0·5	0·6	0	0	5	0	0	1	0	1	0	1	2	24
	1130	,,	1014·7	985·6	...	77·2	59·4	40·9	9·3	31	...	2·2	...	1·9	0	0	18	4	2	4	2	0	0	1	5	11
	1730	,,	1010·3	981·4	...	83·3	61·4	39·2	8·6	24	...	2·3	...	2·9	0	0	22	4	4	1	0	0	1	6	6	7
	2330	,,	1012·9	983·3	...	69·7	57·0	44·7	10·1	41	...	1·0	...	1·4	0	0	11	1	3	2	1	1	1	2	0	18
Jhalawar ...	0830	1053	1014·7	977·5	-0·5	62·0	51·0	37·1	7·4	42	-10	1·7	+0·2	1·2	0	0	10	2	1	0	0	0	0	0	7	19
	1730	,,	1009·3	973·8	...	85·4	61·4	38·0	7·3	21	...	2·1	...	4·0	0	0	29	7	4	2	0	0	4	5	7	0
Udaipur ...	0530	1910	898·4	946·7	...	56·4	49·4	42·1	8·7	60	...	0·7	...	1·0	0	0	12	3	1	0	0	0	0	1	7	17
	0830	,,	900·6	948·7	-1·0	59·9	51·7	43·9	9·5	57	+ 7	2·2	+0·8	1·0	0	0	10	3	1	1	1	0	0	4	19
	1130	,,	902·6	950·0	...	75·7	59·4	45·8	10·0	37	...	1·8	...	3·9	0	0	23	3	2	8	3	2	4	1	0	6
	1730	,,	899·3	945·6	...	79·3	60·7	45·1	9·7	32	...	2·0	...	4·5	0	0	25	1	6	1	1	3	11	0	2	4
	2330	,,	899·5	947·5	...	63·5	53·7	44·3	9·5	52	...	0·7	...	1·6	0	0	15	2	0	0	0	0	2	4	7	14
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	689	1013·1	988·4	...	56·6	51·0	44·7	10·2	65	...	1·4	...	2·0	0	0	11	1	0	0	1	2	2	0	5	18
	0830	,,	1015·0	990·5	...	62·3	54·3	46·1	10·9	58	...	3·0	...	2·2	0	2	8	4	0	0	1	1	1	1	2	19
	1130	,,	1014·9	991·0	...	76·1	59·5	42·5	10·0	34	...	3·0	...	6·5	0	3	24	7	6	3	1	3	0	2	5	2
	1730	,,	1011·1	987·5	...	79·7	60·3	40·2	9·1	28	...	3·0	...	3·2	0	3	26	8	7	1	0	1	0	0	13	0
	2330	,,	1013·5	989·2	...	62·9	55·1	47·2	11·3	59	...	1·7	...	2·5	0	1	14	4	1	0	0	4	2	1	3	14
Sheopur Kalan ...	0830	771	1014·2	986·8	...	59·8	53·1	45·5	10·8	62	...	3·4	...	1·6	0	0	14	4	4	0	2	2	1	0	1	15
	1730	,,	1009·4	983·0	...	82·6	61·4	39·6	9·1	25	...	3·6	...	3·9	0	0	21	8	5	1	0	0	1	2	4	8
Guna ...	0530	1571	1013·5	958·0	...	56·7	50·5	44·1	10·0	64	...	1·7	...	1·4	0	0	14	1	1	8	2	0	1	1	0	15
	0830	,,	1014·8	959·7	-0·7	60·8	53·0	45·7	10·6	59	+ 2	2·9	+1·7	2·0	0	0	20	7	0	8	2	1	0	2	0	9
	1130	,,	1013·4	960·2	...	80·8	60·1	41·9	9·4	28	...	2·8	...	6·1	0	1	28	3	2	5	5	5	2	6	1	0
	1730	,,	1009·3	956·6	...	82·4	61·7	45·1	10·4	29	...	3·1	...	3·4	0	0	26	7	0	5	0	1	0	11	2	3
	2330	,,	1013·7	958·8	...	63·4	54·4	46·1	10·8	55	...	1·8	...	1·6	0	0	10	0	2	4	3	0	0	1	0	19
Neemuch ...	0830	1626	1015·2	958·5	-0·5	63·7	50·9	35·3	7·6	38	− 9	2·8	+1·4	2·7	0	0	22	1	18	0	1	1	1	0	0	7
	1730	,,	1009·8	955·2	...	82·9	58·3	31·5	6·7	18	...	2·7	...	4·9	0	1	24	0	12	0	0	0	7	6	0	4
Ratlam ...	0830	1596	1014·2	958·6	...	65·0	53·1	40·7	9·0	43	...	2·8	...	5·8	0	1	26	5	9	8	2	1	2	0	0	2
	1730	,,	1008·9	955·5	...	84·9	62·1	43·0	9·8	23	...	3·5	...	6·4	0	1	27	1	6	2	0	1	6	10	2	1
Indore (R)...	0530	1861	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	,,	900·2	949·6	-1·9	66·6	54·1	41·6	9·3	42	− 4	1·8	+0·5	2·8	0	0	18	2	3	3	1	4	5	0	0	11
	1130	,,	902·1	950·0	...	81·7	61·7	46·3	10·7	29	...	2·0	...	7·2	0	3	25	3	6	2	3	7	3	2	2	1
*	1730	,,	898·7	946·2	...	85·0	62·0	42·8	9·7	24	...	2·3	...	5·6	0	1	26	2	4	1	1	3	9	4	2	2
*	2330	,,	898·8	948·1	...	66·3	53·5	40·1	8·9	40	...	1·5	...	3·3	0	0	18	0	5	0	1	3	0	3	5	11
Bhopal (Bairagarh)...	0530	1714	897·5	952·8	...	60·9	51·8	42·5	9·5	53	...	2·3	...	4·5	0	0	25	5	5	2	7	2	0	1	3	4
	0830	,,	899·9	954·9	-0·7	65·6	54·3	43·4	9·9	47	−− 1	2·9	+1·4	4·7	0	0	28	4	3	3	10	3	0	0	5	1
	1130	,,	901·7	955·2	...	80·5	60·5	43·3	9·9	29	...	2·3	...	8·2	0	5	23	3	3	3	4	7	2	3	3	1
	1730	,,	898·7	951·6	...	83·9	60·9	40·3	8·9	23	...	3·6	...	8·2	1	3	24	4	1	3	1	4	3	7	5	1
	2330	,,	898·9	953·5	...	68·0	55·3	43·2	9·8	43	...	2·4	..	5·0	0	0	27	5	4	5	5	5	1	1	1	2
Vindhya Pradesh																										
Nowgong ...	0830	750	1015·1	988·1	-0·9	57·7	53·9	50·3	12·5	77	+11	2·7	+0·6	1·4	0	0	16	2	3	2	0	6	3	0	0	13
	1730	..	1010·7	985·0	...	81·7	62·0	43·1	10·1	29	...	3·0	...	2·3	0	0	27	0	10	0	1	0	0	3	13	3
Sutna ...	0830	1041	1014·7	977·9	-0·8	63·1	57·2	51·9	13·6	69	+10	2·0	+0·1	1·3	0	0	18	0	1	5	0	1	5	6	0	11
	1730	..	1010·2	974·7	...	81·3	65·4	53·4	14·2	41	...	2·0	...	2·4	0	0	28	3	4	3	1	1	0	3	13	1

(f) Mean of 25 days. (R) Register not received. * Observations for 28 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh-*contd.*																										
Umaria ...	0830	1506	1015·3	962·7	...	63·8	56·8	51·4	13·0	65	+3	3·3	+1·2	0·2	0	0	2	0	1	0	1	0	0	0	0	27
	1730	,,	1010·2	959·4	...	81·8	64·0	51·7	13·2	37	...	3·6	...	0·7	0	0	8	1	4	0	0	0	1	0	2	21
Madhya Pradesh, East																										
Gondia ...	0830	1026	1015·2	979·2	...	67·2	59·8	53·5	14·2	63	...	1·9	...	0·9	0	0	13	6	1	0	2	1	1	0	2	16
	1730	,,	1009·7	975·1	...	85·9	65·7	49·3	12·5	30	...	2·1	...	1·5	0	0	21	3	2	3	1	6	3	1	2	8
Pendra ...	0530	2040	899·7	948 3	...	62·0	53·8	46·1	10·8	59	...	2·4	...	1·9	0	0	13	2	1	1	1	1	4	2	1	18
	0830	,,	901·9	941·3	-0·5	67·4	57·4	49·1	12·1	54	-5	2·4	+0·5	2·4	0	0	19	5	1	3	0	3	3	0	4	10
	1130	,,	903·1	944·5	...	78·1	61·6	48·8	12·1	38	...	3 1	...	5·1	0	0	29	7	3	4	2	8	1	1	3	0
	1730	,,	900·0	941·3	...	77·7	61·8	49·7	12·4	39	...	3·6	...	3·2	0	0	27	11	0	2	4	4	2	1	3	2
	2330	,,	900·8	943·2	...	65·6	53·8	49·2	12·2	57	...	2·4	...	2·0	0	0	17	3	0	0	0	2	6	1	5	12
Raigarh ...	0830	923	1014·3	980·1	...	69·1	60·6	53·5	14·3	59	...	3·4	...	2·0	0	0	21	6	11	1	0	1	1	0	1	8
	1730	,,	1009·5	985·1	...	86·8	66·4	50·7	13·0	30	...	3·2	...	1·5	0	0	12	4	1	0	0	1	2	1	3	17
Ambikapur ...	0830	1989	901·9	946·4	...	61·3	55·7	51·5	12·9	70	...	1·8	...	3·4	0	1	20	4	4	1	1	5	3	1	2	8
	1730	,,	900·0	943·4	...	78·5	62·7	50·9	13·1	41	...	2·5	...	5·4	0	0	27	12	1	1	0	1	1	5	6	2
Champa ...	0830	805	1015·0	986·8	...	67·3	59·4	52·7	13·8	60	...	2·8	...	2·1	0	0	19	9	2	1	0	0	0	0	7	10
	1730	,,	1009·7	982·5	...	86·9	64·1	44·5	10·2	25	...	3·1	...	2·6	0	0	27	6	1	2	2	1	4	6	5	2
Raipur ..	0530	979	1012·3	978·0	...	65·9	57·6	50·1	12·5	59	...	2·6	...	1·9	0	1	10	2	1	0	0	6	1	1	0	18
	0830	,,	1014·5	980·2	-0·5	69·4	59·7	51·1	13·1	55	-1	3·3	+1·7	2·7	0	0	21	4	1	1	2	8	2	1	2	8
	1130	,,	1013·7	980·3	...	81·1	63·4	48·5	12·0	35	...	2·7	...	3·7	0	0	22	6	0	3	0	5	4	2	2	7
	1730	,,	1009·5	976·5	...	85·7	64·5	43·2	11·1	28	...	3·3	...	1·4	0	0	14	1	1	2	1	2	3	1	1	15
	2330	..	1012·3	978·5	...	73·8	60·7	49·3	12·2	44	...	1·9	...	1·9	0	0	15	3	2	1	2	6	1	0	0	14
Kanker ...	0830	1318	1014·7	969·0	+0·2	69·1	61·1	54·8	14·8	61	-7	2·6	+0·8	0·2	0	0	3	0	3	0	0	0	0	0	0	26
	1730	,,	1009·4	965·3	...	85·4	68·3	56·9	15·7	39	...	2·4	...	0·6	0	0	8	2	1	1	0	0	1	2	1	21
Chanda ...	0830	634	1013·8	991·4	-1·0	68·5	59·9	52·8	13·7	58	+1	2·3	+0·9	0·1	0	0	2	0	0	0	1	0	0	0	1	27
	1730	,,	1008·6	987·4	...	88·5	65·6	46·3	11·2	26	...	2·1	...	0·2	0	0	1	0	1	0	0	0	0	0	0	28
Sironcha ...	0830	405	1014·6	1000·3	...	70·8	63·0	57·4	16·2	64	...	2·5	...	2·5	0	0	19	3	3	6	6	1	0	0	0	10
	1730	,,	1009·4	995·8	...	91·2	67·5	49·7	12·3	23	...	2·0	...	3·4	0	0	26	3	1	5	8	2	2	2	3	3
Jagdalpur ...	0830	1815	901·3	953·4	+0·1	65·8	58·1	52·3	13·4	62	-9	2·4	+0·8	1·0	0	0	15	0	5	0	2	0	1	0	7	14
	1730	,,	899·4	948·5	...	84·3	62·8	46·0	10·8	28	...	2·3	...	2·3	0	0	26	0	2	1	3	1	11	0	8	3
Jagdalpur(P.B.O.)...	0530	1813	898·5	950·2	...	60·2	55·5	52·0	13·2	74	...	2·1	...	1·0	0	0	9	2	0	1	3	2	0	1	0	20
	0830	,,	901·2	952·3	...	66·2	58·3	52·3	13·4	62	...	3·0	...	1·1	0	0	8	1	1	2	2	1	0	1	0	21
	1130	,,	902·4	952·0	...	81·6	62·7	47·4	11·8	32	...	2·5	...	3·8	0	0	24	3	4	3	5	3	1	3	2	5
	1730	,,	899·4	948·6	...	83·9	63·5	48·1	11·7	31	...	2·3	...	3·0	0	0	26	3	4	2	0	2	8	5	2	3
	2330	,,	900·2	951·0	...	68·3	59·2	52·3	13·5	58	...	1·8	...	1·0	0	0	15	1	1	3	5	2	1	2	0	14
Madhya Pradesh, West																										
Buldhana ...	0830	2133	901·5	940·6	...	68·7	57·4	47·9	11·5	49	...	2·5	...	3·7	0	0	29	1	0	4	4	6	2	5	7	0
	1730	,,	899·4	939·1	...	83·0	65·8	52·6	13·5	33	...	3·4	...	3·0	0	0	29	3	3	2	2	5	6	3	5	0
Akola ...	0830	925	1014·0	981·6	-0·6	68·9	56·1	41·6	9·7	40	-4	1·7	+0·3	2·2	0	0	17	0	3	5	2	1	2	2	2	12
	1130	,	1012·9	981·5	...	85·0	63·3	43·5	10·1	26	...	1·5	...	2·7	0	0	24	2	2	4	7	2	3	1	3	5
	1730	,,	1007·9	977·0	...	91·1	64·7	39·3	9·0	19	...	3·0	...	2·3	0	0	22	1	2	3	2	6	1	5	2	7
Akola (Aerodrome) ...	0530	1015	1011·6	975·9	...	63·1	57·2	52·0	13·4	68	...	1·9	...	1·9	0	0	21	3	1	8	1	3	2	2	2	8
	2330	,,	1011·2	976·2	...	74·2	63·8	55·7	15·6	55	...	2·4	...	3·5	0	0	26	1	4	4	6	9	1	0	1	3
Amravati ...	0830	1213	1013·8	971·7	-0·7	69·7	57·9	46·2	11·1	43	+3	2·3	+0·9	3·0	0	0	26	1	12	5	1	1	5	0	1	3
	1730	,,	1008·3	967·9	..	88·8	6 ·4	43·9	10·8	23	...	3·0	...	4·5	0	0	29	0	5	1	7	1	5	2	8	0
Yeotmal ...	0830	1481	1013·6	962·7	...	72·6	60·0	49·2	12·0	47	...	3·0	...	8·0	0	1	28	0	6	1	10	0	9	0	3	0
	1730	,,	1008·4	959·0	...	86·4	64·7	48·2	11·1	29	...	3·7	...	6·8	0	1	28	0	6	0	5	0	8	1	9	0
Khandwa ...	0830	1044	1013·7	977·2	-1·2	68·4	56·2	43·2	10·0	42	-3	1·8	+0·7	1·6	0	0	18	1	2	1	4	4	1	1	4	11
	1730	,,	1007·8	972·9	...	89·6	65·4	45·4	10·5	23	...	3 1	...	4·7	0	1	27	2	1	1	1	8	7	0	8	1
Hoshangabad ...	0830	992	1014·3	979·4	-1·2	66·5	56·2	45·3	10·8	48	-3	3·6	+2·2	2·3	0	0	23	1	8	7	4	0	2	0	1	6
	1730	,,	1008·4	975·0	...	83·8	63·2	39·8	9·2	23	...	3·9	...	2·8	0	0	26	2	4	5	11	0	2	0	2	3
Sagar ...	0830	1808	901·0	951·5	-0·9	64·4	54·3	44·3	10·3	53	+9	2·7	+1·1	6·5	0	6	20	1	6	6	4	3	3	3	0	3
	1730	,,	898·5	948·3	...	80·5	59·6	40·2	9·0	27	...	3·3	...	6·3	0	5	25	0	9	0	3	0	6	4	6	1
Jabalpur ...	0530	1289	1013·2	967·5	...	58·2	53·7	49·3	12·1	73	...	1·8	...	1·2	0	0	13	1	2	1	6	1	0	2	16
	0830	,,	1015·0	969·7	-0·2	64·3	57·0	50·5	12·6	62	+2	3·0	+1·4	2·1	0	0	24	0	2	0	18	1	2	0	1	5
	1130	,,	1013·6	969·7	...	80·2	63·7	50·1	12·7	38	...	2·6	...	4·1	0	0	28	2	1	3	7	5	7	2	1	1
	1730	,,	1009 3	965·9	...	84·0	65·2	50·2	12·7	33	...	3·3	...	3·6	0	0	27	5	7	2	4	0	2	4	3	2
	2330	,,	1013·1	968·1	...	65·0	57·5	51·0	12·9	62	...	1·9	...	1·4	0	0	11	1	3	1	6	0	0	0	0	18
Mandla ...	0830	1452	1015·9	964·6	...	59·4	55·8	52·6	13·6	79	...	3·3	...	0·1	0	0	2	1	0	0	0	1	0	0	0	27
	1730	,,	1009·4	960·6	...	81·9	62·8	47·2	10·9	32	...	3·7	...	1·0	0	0	8	5	0	0	0	2	0	0	1	21
Seoni ...	0830	2027	901·9	944·9	-0·7	67·9	57·5	49·3	11·9	55	+2	2·4	+0·8	2·0	0	0	16	1	5	2	2	0	6	0	0	13
	1730	,,	899·8	941·6	...	80·9	63·0	49·7	12·4	35	...	3·0	...	2·4	0	0	21	1	5	2	7	2	2	0	2	8
Chhindwara ...	0830	2248	902·2	937·7	...	62·0	54·3	47·4	11·3	60	...	1·8	...	0·5	0	0	7	3	0	1	1	0	4	0	0	22
	1730	,,	900·2	934·2	...	82·0	60·6	40·0	9·4	25	...	3·3	...	3·3	0	0	28	4	1	0	1	7	4	3	8	1
Betul ...	0830	2144	902·0	940·9	...	66·9	55·6	45·0	10·5	48	...	2·5	...	2·7	0	0	24	0	2	13	4	2	0	1	2	5
	1730	,,	899·9	937·5	...	82·0	61·2	42·7	10·0	28	...	3·5	...	4·4	0	0	29	4	5	3	2	5	3	3	4	0
Nagpur ..	0530	1010	1012·2	976·6	...	62·5	55·4	48·2	11·8	61	...	1·9	...	2·8	0	0	25	8	2	2	1	1	1	1	9	4
	0830	,,	1014·4	979·1	-0·5	69·3	58·8	49·3	12·3	53	+2	2·5	+0·7	3·6	0	1	22	9	4	4	2	1	0	0	3	6
	1130	,,	1013·6	979·3	..	83·9	64·6	47·9	12·1	32	...	2·6	...	6·0	0	2	26	0	5	5	4	5	7	1	1	1
	1730	,,	1008·9	975·3	...	87·9	65·9	47·8	11·8	27	...	3·3	...	4·5	0	1	24	2	1	3	3	9	2	3	2	4
	2330	,,	1012·5	977·3	...	70·2	59·5	49·5	12·6	57	...	2·1	...	3·9	0	0	26	3	5	2	3	3	2	1	7	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1014·2	998·3	−1·0	61·8	51·5	38·6	8·4	45	...	1·8	...	...	0	1	28	14	7	4	0	2	1	1	0	0
	1730	,,	1010·2	995·0	...	84·9	61·1	35·4	7·6	20	...	1·6	...	...	0	0	29	7	5	0	0	3	5	6	3	0
Surat ...	0530	39	1011·4	1010·0	...	64·3	58·1	52·3	13·8	67	...	0·5	...	3·3	0	0	25	8	2	3	10	1	0	0	1	4
	0830	,,	1013·4	1011·5	−1·1	65·5	58·2	50·9	13·3	62	+ 2	1·2	+0·2	2·7	0	0	22	3	5	8	5	0	0	1	0	7
	1130	,,	1014·0	1012·6	...	83·9	65·7	50·3	13·4	35	...	1·2	...	5·5	0	0	27	4	3	2	4	0	2	5	7	2
	1730	,,	1009·9	1008·5	...	87·5	66·5	49·7	12·7	30	...	0·9	...	5·6	0	0	29	2	0	1	0	1	11	4	10	0
	2330	,,	1012·2	1010·8	...	71·6	63·4	56·1	16·3	62	...	0·4	...	3·7	0	0	28	6	1	1	1	3	6	7	3	1
Ahmedabad ...	0530	182	1011·5	1005·0	...	61·8	51·3	38·7	8·2	43	...	0·6	...	5·9	0	0	25	2	8	3	1	0	1	0	10	4
	0830	,,	1013·5	1007·1	−1·6	65·7	53·7	39·6	8·7	41	−15	1·5	+0·3	7·0	0	2	25	4	7	7	0	0	0	0	9	2
	1130	,,	1014·1	1007·9	...	81·4	61·5	42·6	9·7	27	...	1·4	...	10·1	0	8	20	3	3	10	3	0	1	0	8	1
	1 30	,,	1010·9	1005·8	...	88·1	63·2	38·7	8·6	19	...	1·6	...	6·4	0	1	26	2	3	3	1	1	4	10	3	2
	2330	,,	1012·0	1005·7	...	70 0	55·7	39·9	8·7	35	...	1·2	...	5·3	0	1	23	8	1	1	0	2	1	3	8	5
Dohad ...	0830	1093	1014·0	975·8	...	67·1	53·6	37·7	8·0	35	−21	1·3	−0·3	3·8	0	0	24	0	6	4	1	5	4	3	1	5
	1730	,,	1009·1	973·5	...	87·5	62·3	33·0	7·9	18	...	1·1	...	6·1	0	1	28	5	2	0	0	3	6	11	2	0
Baroda ...	0530	115	1011·3	1007·2	...	59·3	54·8	50·0	12·7	73	...	0·8	...	0·6	0	0	8	1	5	0	0	0	1	0	1	21
	0830	,,	1013·5	1009·4	...	63·2	55·9	50·7	13·0	65	+ 7	1·6	+0·5	0·8	0	0	11	2	5	1	0	0	1	1	1	18
	1130	,,	1014·0	1010·0	...	83·1	69·4	59·3	18·4	48	...	1·6	...	2·3	0	0	21	3	6	3	4	1	1	0	3	8
	1730	,,	1009·5	1005·6	...	90·5	74·6	65·3	22·0	46	...	0·9	...	2·2	0	0	18	3	5	0	0	0	2	5	3	11
	2330	,,	1011·8	1007·8	...	69·0	61·2	54·3	14·9	62	...	0·5	...	1·2	0	0	14	1	2	0	0	1	3	3	4	15
Baroda (Aerodrome) ...	0530	124	1011·8	1007·1	...	62·0	52·5	41·6	9·2	49	...	0·4	...	3·0	0	0	21	8	3	1	4	2	0	3	0	8
	0830	,,	1013·7	1009·3	...	65·1	54·5	42·7	9·7	46	...	1·4	...	3·4	0	0	20	4	5	2	1	3	1	1	3	9
	1730	,,	1009·6	1005·4	...	89·6	65·8	45·4	10·9	23	...	1·3	...	5·9	0	1	27	3	2	0	0	1	3	11	8	1
	2330	,,	1011·9	1007·6	...	71·3	57·6	43·2	10·1	38	...	0·3	...	4·6	0	0	27	7	2	1	1	2	2	5	7	2
Broach ...	0830	57	1013·4	1011·3	...	63·2	55·8	48·1	11·9	60	...	1·5	...	2·6	0	0	28	2	4	4	8	5	3	0	2	1
	1730	,,	1009·4	1007·4	...	91·0	69·6	54·7	15·0	31	...	0·4	...	5·2	0	0	29	3	3	3	2	2	7	4	5	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1014·7	1002·4	−0·6	60·7	53·1	43·9	10·3	57	0	1·2	0	0·2	0	0	3	0	0	0	0	0	2	1	0	26
	1730	,,	1011·2	999·4	...	84·2	60·9	35·8	7·8	20	...	1·0	...	5·4	0	0	27	7	6	1	0	0	2	7	4	2
Bhuj (P.B.O.) ...	0530	347	1012·7	1000·4	...	62·3	53·9	45·7	10·5	57	...	0·7	...	1·4	0	0	10	0	1	0	2	2	3	0	2	19
	0830	,,	1014·3	1001·9	...	63·4	54·6	47·6	10·6	57	...	1·7	...	1·4	0	0	9	0	3	0	1	2	2	0	1	20
	1130	,,	1014·6	1002·6	...	77·9	60·7	47·6	10·4	33	...	1·3	...	5·4	0	0	25	5	7	3	0	1	4	1	5	4
	1730	,,	1010·8	999·0	...	85·0	65·7	43·9	10·5	30	...	1·3	...	5·5	0	0	27	7	8	0	0	1	3	5	3	2
	2330	,,	1013·1	1000·9	...	69·8	56·5	44·8	9·6	46	...	0·6	...	3·2	0	0	22	4	3	1	1	4	7	2	0	7
Dwarka ...	0830	37	1014·4	1003·1	−1·0	67·5	61·7	57·1	16·1	70	− 1	1·4	−0·4	7·4	0	0	29	12	10	2	0	0	0	1	4	0
	1730	,,	1012·0	1010·7	...	75·9	66·4	49·6	17·8	59	...	0·5	...	12·0	0	8	21	7	1	0	0	0	0	5	16	0
Jamnagar ...	0530	74	1012·3	1009·6	...	60·9	55·3	49·2	12·4	68	...	0·7	...	6·8	0	0	29	5	5	1	0	0	5	6	4	3	0
	0830	,,	1014·1	1011·4	−1·4	62·0	55·3	48·4	11·9	64	+ 8	2·0	+0·8	5·7	0	0	25	2	5	5	2	2	5	1	3	4
	1130	,,	1014·9	1012·3	...	77·5	61·8	47·2	11·8	38	...	1·4	...	10·4	0	10	17	3	13	2	0	0	1	3	5	2
	1730	,,	1011·0	1008·4	...	81·5	61·4	41·2	9·5	28	...	1·1	...	13·6	0	17	12	8	5	0	0	0	0	8	8	0
Rajkot ...	0830	432	1013·9	998·5	−1·1	61·0	54·6	47·2	11·7	65	+ 8	1·9	+0·3	4·3	0	0	28	5	3	4	2	2	2	4	6	1
	1730	,,	1009·7	995·0	...	86·9	62·1	35·6	7·8	18	...	1·3	...	11·4	0	8	21	8	5	1	0	1	2	6	6	0
Rajkot (Aerodrome) ...	0530	439	1012·3	996·6	...	59·4	54·1	47·9	11·8	70	...	0·7	...	5·4	0	0	28	5	2	2	1	3	4	5	6	1
	0830	,,	1014·3	998·6	...	61·9	55·1	47·3	11·7	63	...	2·1	...	4·2	0	0	26	5	4	3	1	2	3	4	4	3
	1130	,,	1014·4	999·2	...	80·2	63·7	49·4	12·7	37	...	1·3	...	10·0	0	5	24	6	7	7	1	0	0	4	4	0
Veraval ...	0530	26	1011·7	1010·8	...	60·9	53·7	45·0	10·9	61	...	0·2	...	7·5	0	3	25	19	4	0	0	0	0	5	1	0
	0830	,,	1013·6	1012·7	−1·2	63·9	55·2	44·4	10·9	55	− 1	1·2	+0·1	5·4	0	1	25	14	7	0	0	0	0	5	3	1
	1130	,,	1014·3	1013·4	...	82·4	63·6	41·9	11·6	34	...	1·0	...	8·1	0	4	24	9	8	1	0	1	0	3	6	1
	1730	,,	1010·7	1009·8	...	78·0	69·1	62·1	21·1	62	...	0·4	...	11·2	0	9	20	0	0	0	0	4	4	12	9	9
	2330	,,	1013·0	1012·1	...	68·0	61·5	55·6	15·7	68	...	0	...	6·1	0	2	23	10	3	0	0	0	0	1	11	4
Bhavnagar ...	0830	55	1014·2	1012·2	−0·8	61·9	51·4	38·2	8·3	43	− 3	1·1	−0·2	2·7	0	0	24	0	1	0	0	4	7	10	2	5
	1730	,,	1010·2	1008·3	...	87·9	64·6	44·3	10·2	23	...	1·0	...	3·4	0	0	29	1	5	13	4	5	0	1	0	0
Bhavnagar (Aerodrome) ...	0830	35	1013·7	1012·4	...	65·3	56·0	46·7	11·2	52	...	1·8	...	6·9	0	2	23	5	0	0	0	1	2	4	13	4
	1130	,,	1014·3	1013·1	...	78·7	66·7	58·0	17·0	52	...	1·7	...	10·3	0	5	24	11	9	4	1	1	0	1	2	0
Konkan																										
Dahanu ...	0830	15	1012·8	1012·3	...	68·8	64·7	61·6	19·1	80	...	1·6	...	7·7	0	0	29	1	3	14	11	0	0	0	0	0
	1730	,,	1010·1	1009·6	...	79·4	74·8	72·5	27 4	80	...	0·5	...	12·3	0	12	17	9	0	0	0	0	1	7	12	0
Bombay (Colaba) ...	0830	35	1012·8	1011·6	−1·2	73·9	67·4	63·2	20·0	70	− 1	1·2	+0·2	3·9	0	0	26	6	10	6	2	0	0	0	2	3
	1130	,,	1013·3	1012·1	...	81·8	70·0	62·7	19·7	54	...	0·8	...	5·2	0	0	29	1	3	7	3	1	0	2	12	0
	1730	,,	1009·8	1008·6	...	81·2	71·8	66·5	22·4	62	...	0·6	...	9·9	0	7	22	3	0	0	0	1	5	20	0	0
Bombay (Santacruz Aerodrome) ...	0530	27	1010·6	1009·7	...	65·5	60·9	56·6	16·2	77	...	0·5	...	4·3	0	1	22	6	11	2	2	0	1	0	1	6
	0830	,,	1012·5	1011·6	−1·5	71·4	63·3	56·1	16·3	63	+ 1	1·2	+0·2	3·9	0	1	19	2	13	3	1	0	0	0	1	9
	1130	,,	1013·2	1012·3	...	84·3	67·0	55·4	14·7	38	...	1·0	...	8·2	0	4	24	4	3	4	1	1	1	2	12	1
	1730	,,	1009·6	1008·7	...	82·7	68·3	59·2	17·1	47	...	0·5	...	14·7	0	20	9	2	0	0	0	0	1	5	21	0
	2330	,,	1011·9	1011·0	...	70·5	64·2	59·4	17·7	70	...	0·4	...	3·4	0	0	18	5	5	2	0	0	0	0	6	11
Bombay (Juhu Aerodrome) ...	0530	12	1010·7	1010·2	...	68·4	63·1	59·6	17·3	76	...	0·3	...	2·3	0	0	19	7	4	8	0	0	0	0	0	10
	0830	,,	1012·7	1012·2	...	72·6	64·7	59·7	17·3	67	...	1·2	...	3·3	0	0	26	6	4	12	3	0	0	0	1	3
	1130	,,	1013·1	1012·6	...	84·0	69·4	61·3	18·0	50	...	1·0	...	8·0	0	1	28	2	1	3	3	1	2	9	8	0
	1730	,,	1009·7	1009·2	...	83·0	71·0	65·3	20·5	56	...	0·4	...	13·5	0	12	17	2	0	0	0	0	1	5	21	0
	2330	,,	1011·9	1011·4	...	71·8	66·1	63·4	19·4	75	...	0·4	...	1·9	0	0	15	7	1	2	0	1	0	1	3	14
Alibag ...	0830	23	1013·4	1012·6	−0·3	71·0	65·2	61·0	18·6	73	+ 6	0·7	−0·3	1·1	0	0	11	1	2	7	1	0	0	0	0	18

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1012·5	1010·2	...	75·7	66·7	60·0	18·3	62	...	1·1	..	7·0	0	1	28	5	7	3	3	0	0	0	11	0
	1730	..	1009·6	1007·3	...	79·4	73·7	70·8	25·8	75	...	0·9	...	16·3	0	13	16	0	0	0	0	0	3	4	22	0
Ratnagiri ...	0830	116	1012·1	1008·0	−1·3	73·3	66·5	62·0	19·1	69	...	1·2	...	...	0	0	29	0	0	26	3	0	0	0	0	0
	1730	..	1009·2	1005·2	...	82·6	73·9	69·2	24·7	64	...	1·0	...	...	0	0	29	1	0	0	0	0	1	18	9	0
Devgad ...	0830	117	1012·2	1008·1	...	73·5	67·7	64·0	20·5	73	...	1·3	...	5·0	0	0	28	6	7	12	3	0	0	0	1	0
	1730	..	1009·0	1005·0	...	83·6	74·6	70·1	25·2	64	...	1·0	...	16·6	0	19	10	1	0	0	0	0	0	5	23	0
Vengurla ..	0530	29	1010·3	1009·3	...	68·7	65·7	66·6	20·3	84	...	0·6	...	...	0	0	2	1	1	0	0	0	0	0	0	27
	0830	..	1012·5	1011·5	...	71·6	66·9	63·8	30·5	77	...	1·6	...	...	0	0	4	1	1	1	1	0	0	0	0	25
	1130	..	1012·9	1011·9	...	86·9	71·5	62·0	19·3	45	...	1·0	...	...	0	1	12	0	2	0	0	0	5	6	0	16
	1730	..	1009·2	1008·2	...	84·7	73·4	67·2	22·9	57	...	1·1	...	...	0	0	20	0	0	0	0	0	0	18	2	9
	2330	..	1011·8	1010·8	...	73·9	68·9	65·8	21·8	77	...	0·2	...	...	0	0	2	1	1	0	0	0	0	0	0	27
Marmagao ...	0830	202	1012·2	1005·2	−1·2	75·7	70·4	67·3	23·0	76	+ 3	2·1	+0·7	4·6	0	0	29	3	16	8	1	0	0	0	1	0
	1730	..	1009·0	1002·0	...	82·0	73·9	70·1	24·9	67	...	1·7	...	7·6	0	0	29	0	0	0	0	0	2	15	12	0
Honavar ...	0830	85	1012·4	1009·4	...	75·4	69·7	66·5	22·2	75	...	2·7	...	3·2	0	0	27	0	3	21	2	0	0	0	1	1
	1730	,,	1008·8	1005·9	...	84·8	75·6	70·9	26·1	64	...	2·2	...	4·2	0	0	28	0	0	0	1	0	1	17	9	1
Deccan (Desh)																										
Jalgaon ...	0830	660	1013·8	990·4	...	65·0	55·2	45·2	10·5	49	...	1·3	...	3·0	0	0	25	1	1	9	8	0	5	1	0	4
	1730	..	1008·1	986·0	...	93·1	68·7	50·3	12·9	25	...	2·0	...	4·1	0	0	27	2	2	4	0	3	4	6	6	2
Malegaon ...	0830	1432	1014·3	964·4	−0·8	66·5	53·5	37·9	8·1	36	− 9	1·0	−0·1	0·4	0	0	6	0	0	0	0	1	1	0	4	23
	1730	..	1008·0	960·5	...	89·5	62·8	34·4	7·5	16	...	1·6	...	2·1	0	0	18	1	2	0	1	2	3	2	7	11
Deolali ...	0830	1875	900·7	949·9	...	62·5	53·5	45·5	10·3	53	...	1·4	...	1·2	0	0	11	6	1	1	0	2	1	0	0	18
Ahmednagar ...	0830	2154	901·7	904·2	−0·6	67·8	55·0	42·5	9·1	42	+ 2	1·4	+0·6	2·4	0	0	19	2	1	0	6	1	0	0	9	10
	1730	..	899·4	936·1	...	89·0	64·4	45·2	9·6	23	...	1·9	...	2·6	0	0	21	0	3	0	3	2	10	2	1	8
Poona ...	0530	1834	897·6	948·4	...	59·8	55·1	51·2	12·9	73	...	0·5	...	0·1	0	0	1	0	0	0	0	0	0	1	0	28
	0830	..	900·0	950·7	−0·7	63·3	56·5	51·4	12·9	66	+ 5	1·2	+0·4	0·1	0	0	1	0	0	0	0	0	0	1	0	28
	1130	..	901·9	950·6	...	82·4	62·2	46·4	11·0	20	...	1·0	...	1·1	0	0	13	0	1	11	0	0	0	0	1	16
	1730	..	898·5	946·5	...	88·7	64·4	46·0	10·8	24	...	1·3	...	2·7	0	0	20	0	3	1	0	0	5	8	3	9
	2330	..	899·1	949·3	...	68·1	59·7	53·7	14·1	61	...	0·5	...	0·1	0	0	2	0	0	0	0	0	1	1	0	27
Poona (Lohagaon Aerodrome) ...	0530	1937	897·9	944·7	...	60·9	53·3	46·8	10·9	59	...	0·9	...	0·8	0	0	8	0	0	0	0	0	0	7	1	21
	0830	..	900·4	946·9	...	65·8	55·6	47·6	11·0	51	...	1·3	...	1·1	0	0	10	0	0	2	0	0	1	5	2	19
	1130	..	902·1	947·1	...	83·0	61·3	43·6	9·7	25	...	1·2	...	1·2	0	0	23	2	3	9	7	1	0	1	0	6
	1730	..	898·5	942·9	...	88·3	62·5	41·6	8·9	19	...	1·7	...	6·5	0	4	22	0	0	3	1	1	2	15	4	3
	2330	..	899·5	945·6	...	69·0	57·7	48·4	11·7	49	...	0·8	...	2·7	0	0	20	0	1	0	0	0	0	16	3	9
Jeur ...	0830	1709	899·9	954·8	...	67·3	56·2	46·3	10·9	49	...	1·9	...	1·9	0	0	14	3	4	1	2	0	1	0	3	15
	1730	..	898·1	950·4	...	90·3	67·5	52·3	13·7	29	...	1·8	...	5·1	0	2	25	1	2	1	3	5	6	4	5	2
Sholapur ...	0530	1570	1011·6	957·3	...	67·2	55·9	45·5	10·7	48	...	1·6	...	1·0 [g]	0	0	7	0	0	0	4	1	2	0	0	32
	0830	..	1013·4	959·6	−0·5	72·5	58·9	47·1	11·5	43	+ 3	1·8	+0·9	1·7 [g]	0	0	15	0	4	1	7	2	1	0	0	14
	1130	..	1012·2	959·6	...	85·1	65·5	50·6	13·5	33	...	1·6	...	6·6 [f]	0	0	28	0	1	1	9	13	4	0	0	1
	1730	..	1007·1	955·3	...	90·7	66·7	49·0	12·7	26	...	2·3	...	3·0 [f]	0	0	20	1	2	2	9	3	2	1	0	9
	2330	..	1011·2	957·8	...	75·4	59·5	45·7	10·9	37	...	1·8	...	3·0	0	0	19	0	1	2	14	1	1	0	0	10
Miraj ...	0830	1817	900·5	951·3	−0·6	67·9	57·6	49·1	12·1	52	− 6	1·6	+0·7	2·3	0	0	18	3	2	3	3	2	0	3	2	11
	1730	..	898·7	947·1	...	91·0	66·6	48·9	12·4	25	...	1·6	...	4·8	0	1	25	2	3	7	2	3	1	7	1	3
Kolhapur ...	0530	1870	898·0	947·0	...	64·2	56·9	50·4	12·9	63	...	1·4	...	2·2	0	0	17	0	1	3	1	2	6	4	0	13
	0830	..	900·5	949·3	...	67·4	58·0	49·9	12·6	56	...	1·7	...	2·1	0	0	11	0	3	6	0	1	0	1	0	18
	1130	..	902·0	949·3	...	83·3	62·5	46·2	10·9	29	...	1·2	...	6·7	0	2	21	0	6	10	3	4	0	0	0	6
	1730	..	898·3	944·9	...	89·1	63·7	43·1	9·9	22	...	1·4	...	8·2	0	4	20	0	2	4	0	3	0	14	1	5
Bijapur ...	0830	1950	901·1	946·2	−1·2	71·6	58·1	46·7	11·1	43	− 9	2·2	+1·2	3·2	0	0	24	5	1	1	4	7	3	0	3	5
	1730	..	898·8	942·6	...	89·6	65·2	47·1	11·3	24	...	3·8	...	3·5	0	0	27	3	7	7	4	2	2	1	1	2
Belgaum ...	0830	2562	902 1	926·3	−0·8	63·5	56·8	50·9	13·1	65	+ 9	...	...	1·7	0	0	21	4	4	3	1	4	0	0	5	8
	1730	..	900·1	921·2	...	87·0	64·1	46·6	11·1	26	...	...	...	2·0	0	0	25	4	3	4	1	8	1	2	2	4
Gadag ...	0830	2131	901·9	940·6	−0·6	74·3	64·3	57·6	16·5	57	0	2·3	+1·4	2·1	0	0	14	0	1	3	4	1	0	2	3	15
	1730	..	899·3	935·8	...	89·6	71·3	60·7	18·7	40	...	3·0	...	3·1	0	0	22	0	9	8	2	0	1	1	1	7
Gadag (P.B.O.) ...	0530	2150	899·2	937·6	...	68·1	58·5	53·0	12·9	58	...	1·2	...	...	0	0	13	0	1	5	4	0	2	1	0	16
	0830	..	901·8	939·9	...	73·8	61·5	53·8	13·7	51	...	2·1	...	...	0	0	15	0	0	6	5	1	1	1	1	14
	1130	..	902·7	939·9	...	85·2	64·7	52·5	12·5	34	...	2·1	...	...	0	3	17	0	2	5	8	5	0	0	0	9
	1730	..	899·3	936·2	...	89·3	67·3	54·9	13·9	33	...	2·5	...	...	0	1	18	0	5	10	3	1	0	0	0	10
	2330	..	900·5	938·5	...	74·5	59·9	49·4	11·7	44	...	1·0	...	...	0	0	20	0	2	7	3	1	2	4	1	9
Hyderabad, North																										
Aurangabad ...	0830	1905	900·9	948·6	−1·0	66·1	53·9	41·5	9·3	43	+ 3	1·3	+0·2	4·0	0	0	29	2	4	16	5	1	0	0	1	0
	1730	..	899·4	944·9	...	88·6	64·3	44·8	10·7	24	...	2·2	...	6·8	0	2	26	1	0	4	2	5	8	8	0	1
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	898·0	946·7	...	57·4	49·9	42·4	9·3	57	...	1·1	...	1·5	0	0	9	0	1	2	0	0	0	2	4	20
	0830	..	901·2	948·7	...	70·8	59·1	49·6	12·4	48	...	1·0	...	2·3	0	1	11	4	0	2	3	0	0	2	1	17
	1130	..	902·4	948·8	...	83·4	66·9	56·8	15·8	40	...	1·3	...	6·7	0	2	24	2	1	5	10	5	3	0	0	10
	1730	..	898·9	944·8	...	87·4	69·0	58·6	16·7	38	...	1·9	...	5·0	0	1	18	0	0	1	4	2	5	5	2	14
	2330	..	899·3	947·1	...	65·9	55·5	47·0	10·8	50	...	1·2	...	3·3	0	0	16	2	0	2	0	0	3	6	3	18
Parbhani ...	0830	1393	1014·2	966·0	...	69 3	59·1	49·3	12·7	50	...	1·4	...	...	0	0	22	0	19	0	0	0	0	2	1	6
	1730	..	1008·1	961·9	...	89·2	68·9	55·8	15·0	33	...	2·0	...	...	0	1	24	1	13	0	1	1	1	4	4	6
Ramagundam ...	0830	527	1014·6	996·6	...	73·6	63·9	56·8	15·9	56	...	2·9	...	2·5	0	0	21	4	5	0	5	5	1	0	1	9
	1730	..	1009·2	991·8	...	89·3	69·5	55·8	15·6	54	...	3·2	...	2·8	0	0	24	8	6	0	3	2	0	2	3	9

[f] Mean of 25 days. [g] Mean of 24 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1012·8	969·8	−1·2	73·5	63·9	56·1	15·9	56	+ 2	2·5	+1·3	1·0	0	0	15	1	5	1	5	0	0	0	3	14
	1730	,,	1007·8	965·9	...	86·0	70·1	59·3	17·9	47	...	2·4	...	0·9	0	0	13	4	4	1	0	0	0	0	4	16
Bidar ...	0830	2178	901·8	939·1	...	70·8	58·7	48·3	12·0	49	− 4	2·3	+0·9	6·7	0	1	27	1	3	5	4	8	6	0	1	1
	1730	,,	899·5	935·7	...	85·8	62·7	43·4	10·1	24	...	3·1	...	8·9	0	7	22	2	7	6	4	6	0	2	2	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1013·5	961·9	−0·6	71·9	59·8	49·4	12·6	47	− 1	2·1	+1·4	3·6	0	0	19	2	6	4	3	2	1	1	0	10
	1730	,,	1007·3	957·6	...	89·7	64·9	44·8	10·9	23	...	3·0	...	4·8	0	0	27	1	2	5	11	3	1	2	2	2
Raichur ...	0830	1311	1013·3	968·3	−0·5	74·8	63·9	55·3	15·4	53	− 1	2·5	+1·5	4·6	0	0	28	3	4	6	8	1	0	3	3	1
	1730	,,	1007·8	964·3	...	89·9	66·4	47·3	11·5	24	...	2·6	...	5·4	0	0	29	1	9	9	9	1	0	0	0	0
Hyderabad (Nizamiah) ...	0830	1778	901·0	952·9	−0·2	71·2	61·2	53·5	14·4	57	− 8	3·2	+1·4	4·2	0	0	19	1	2	4	12	0	0	0	0	10
	1730	,,	899·4	949·6	...	86·8	65·3	50·0	12·6	29	...	2·3	...	8·1	0	0	27	1	5	10	11	1	0	0	0	1
Hyderabad (Begumpet) ...	0530	1787	898·3	950·5	...	61·9	58·4	53·1	14·0	68	...	1·4	...	6·4	0	2	23	2	5	9	9	0	0	0	0	4
	0830	,,	901·3	952·8	...	71·0	60·9	52·8	14·2	56	...	3·2	...	5·2	0	1	22	1	1	5	16	0	0	0	0	6
	1130	,,	902·5	953·3	...	83·2	64·5	50·3	13·1	35	...	2·3	...	12·4	0	13	16	0	2	2	22	3	0	0	0	0
	1730	,,	899·2	949·2	...	86·0	64·3	47·9	11·8	28	...	2·5	...	10·3	0	7	22	0	6	8	14	0	0	0	1	0
	2330	,,	900·3	951·6	...	73·6	61·2	51·7	13·4	47	...	1·3	...	7·5	0	4	24	3	5	4	16	0	0	0	0	1
Hanamkonda ...	0830	881	1014·0	983·5	−0·6	72·9	65·1	59·9	17·6	66	− 4	2·6	+0·1	6·1	0	2	23	1	2	0	8	13	1	0	0	4
	1730	,,	1008·8	979·3	...	88·7	66·3	48·0	12·0	26	...	1·8	...	4·1	0	0	28	5	6	1	8	8	0	0	0	1
Khammameth ...	0830	367	1014·5	1001·6	...	73·6	67·3	62·7	20·0	70	...	3·0	...	2·8	0	0	24	4	1	11	7	1	0	0	0	5
	1730	,,	1009·5	997·0	...	90·5	69·1	54;1	14·6	35	...	2·2	...	3·8	0	0	28	4	0	14	7	2	1	0	0	1
Coastal Andhradesa																										
Nellore ...	0530	65	1011·6	1009·3	...	70·3	68·3	67·9	26·0	91	...	2·6	...	1·6	0	0	14	0	0	0	2	1	2	5	4	15
	0830	,,	1013·9	1011·6	−0·4	76·3	71·5	69·2	24·3	80	− 1	3·7	+1·3	1·2	0	0	10	2	0	1	1	2	0	0	4	19
	1130	,,	1013·3	1011·1	...	87·5	72·9	64·5	21·1	48	...	3·7	...	5·4	0	0	29	1	4	11	9	1	1	1	1	0
	1730	,,	1010·6	1008·3	...	83·6	72·2	65·5	21·8	56	...	3·6	...	5·2	0	0	29	0	2	23	3	1	0	0	1	0
	2330	,,	1012·8	1010·5	...	74·1	71·0	69·4	24·6	85	...	1·9	...	2·4	0	0	16	0	0	2	3	6	3	1	1	13
Ongole ...	0830	38	1013·9	1012·6	...	76·1	73·7	72·5	28·1	88	...	2·2	...	1·5	0	0	11	0	4	1	1	0	1	0	4	18
	1730	,,	1010·3	1009·0	...	83·5	77·7	75·1	29·8	77	...	1·7	...	4·8	0	0	28	0	4	4	20	0	0	0	0	1
Gannavaram ...	0530	88	1012·1	1009·0	...	69·8	67·5	65·7	21·9	88	...	1·6	...	3·8	0	0	27	6	12	4	2	0	0	2	1	2
	0830	,,	1014·3	1011·3	...	76·2	70·8	67·7	23·3	76	...	2·9	...	6·2	0	0	29	5	9	14	1	0	0	0	0	0
	1130	,,	1013·9	1010·9	...	85·9	72·0	63·5	20·5	49	...	2·6	...	7·2	0	2	27	1	3	9	11	3	2	0	0	0
	1730	,,	1010·3	1007·3	...	86·4	70·7	60·7	18·6	45	...	2·4	...	9·7	0	4	25	1	0	5	18	5	0	0	0	0
	2330	,,	1013·0	1010·0	...	73·0	68·9	66·5	22·3	81	...	1·4	...	3·2	0	0	22	0	4	11	5	0	2	0	0	7
Masulipatam ...	0530	10	1011·9	1011·5	...	70·7	68·5	67·3	22·9	89	...	2·5	...	2·7	0	0	18	5	8	4	0	1	0	0	0	11
	0830	,,	1014·3	1014·0	−0·4	75·7	71·5	69·4	24·5	81	0	3·5	+1·4	2·1	0	0	23	8	12	2	0	0	0	1	0	6
	1130	,,	1013·9	1013·6	...	83·7	73·0	66·8	22·8	58	...	3·0	...	5·9	0	0	28	0	1	16	8	2	0	1	0	1
	1730	,,	1010·7	1010·4	...	81·7	72·7	68·5	23·6	65	...	2·4	...	4·3	0	0	29	0	0	1	18	9	0	0	1	0
	2330	,,	1012·9	1012·6	...	75·0	71·0	68·8	24·1	82	...	2·1	...	1·9	0	0	10	0	3	4	3	0	0	0	0	19
Kakinada ...	0830	26	1014·6	1013·7	−0·2	79·3	70·2	64·7	21·1	62	−13	2·0	−0·6	5·8	0	0	29	1	14	0	0	0	0	0	14	0
	1730	,,	1011·0	1010·1	...	81·4	72·2	67·0	22·9	64	...	2·3	...	6·0	0	0	29	0	3	0	26	0	0	0	0	0
Visakhapatnam ...	0530	11	1012·1	1011·7	...	65·9	63·5	61·8	18·9	88	...	2·3	...	0·9	0	0	8	0	0	1	1	0	0	1	5	21
	0830	,,	1014·4	1013·9	−0·4	75·6	68·3	64·0	20·3	69	− 8	3·0	+0·5	2·3	0	0	15	2	1	0	1	0	0	2	9	14
	1130	,,	1013·9	1013·5	...	87·5	71·7	62·1	19·4	45	...	2·7	...	6·3	0	0	27	3	3	2	4	2	9	1	3	2
	1730	,,	1010·9	1010·5	...	82·4	71·6	65·3	21·5	58	...	2·8	...	7·9	0	2	26	0	0	6	10	4	8	0	0	1
	2330	,,	1013·1	1012·8	...	71·4	67·8	65·5	21·6	83	...	2·0	...	0·6	0	0	6	0	0	0	1	0	0	3	2	23
Calingapatam ...	0830	19	1014·0	1013·3	−0·9	67·3	63·2	59·1	18·0	78	− 1	3·8	+2·0	4·3	0	0	29	14	0	1	0	0	0	0	14	0
	1730	,,	1010·8	1010·2	...	81·0	72·4	66·0	23·3	62	...	3·3	...	8·5	0	0	29	0	0	7	8	7	7	0	0	0
Rentachintala ...	0830	348	1013·4	1001·2	...	74·1	66·1	60·0	18·3	64	− 6	3·2	+0·3	0·3	0	0	4	0	0	3	0	1	0	0	0	25
	1730	,,	1008·8	997·0	...	92·1	69·5	53·5	14·5	29	...	3·0	...	2·7	0	0	21	1	1	9	5	5	0	0	0	8
Rayalaseema																										
Arogyavaram ...	0830	2299	902·6	935·6	...	71·0	61·9	54·7	15·2	60	...	4·2	...	2·8	0	0	20	1	0	0	7	12	0	0	0	9
	1730	,,	893·9	932·1	...	83·6	63·9	48·5	12·3	32	...	3·2	...	3·5	0	0	29	0	13	6	9	1	0	0	0	0
Cuddapah ...	0830	428	1013·6	998·9	−0·3	82·7	70·1	62·3	19·5	51	−13	2·7	+1·3	2·2	0	0	20	0	0	14	6	0	0	0	0	9
	1730	,,	1008·5	994·1	...	91·2	77·9	70·4	26·6	54	...	2·8	...	4·5	0	0	25	0	0	25	0	0	0	0	0	4
Bellary ...	0830	1473	1012·4	962·1	−1·1	74·8	63·1	53·4	14·5	50	− 4	3·0	+1·6	2·1	0	0	17	0	0	1	12	4	0	0	0	12
	1730	,,	1006·4	957·8	...	90·3	66·4	46·1	11·3	24	...	3·6	...	2·1	0	0	21	0	2	8	11	0	0	0	0	8
Kurnool ...	0830	923	1013·5	981·6	−0·4	74·8	64·2	56·3	15·8	54	− 5	2·6	+1·5	3·0	0	0	16	0	1	7	6	1	1	0	0	13
	1730	,,	1007·8	977·0	...	91·3	67·1	48·1	11·7	24	...	2·3	...	4·7	0	0	26	0	4	10	11	1	0	0	0	3
Anantapur ...	0530	1147	1010·8	971·2	...	69·6	60·9	54·3	14·4	58	...	1·9	...	2·0	0	0	14	0	1	9	3	0	0	1	0	15
	0830	,,	1012·8	973·3	...	74·3	64·0	55·5	15·7	55	...	2·5	...	4·3	0	0	21	0	3	9	6	2	0	1	0	8
	1130	,,	1011·5	972·9	...	85·9	67·2	55·3	14·3	34	...	2·3	...	6·0	0	4	21	0	7	9	9	0	0	0	0	4
	1730	,,	1006·8	968·7	...	91·2	66·8	46·2	16·5	24	...	2·5	...	8·2	0	2	27	0	7	19	3	0	0	0	0	0
	2330	,,	1010·6	971·6	...	79·3	65·1	53·6	14·8	44	...	1·8	...	8·8	0	3	25	0	4	22	2	0	0	0	0	1
Tamilnad																										
Palayamcottai ...	0830	167	1012·9	1007·1	...	77·7	73·9	72·0	26·9	83	...	4·1	...	3·9	0	0	27	24	0	0	0	0	0	0	3	3
	1730	,,	1008·5	1002·8	...	86·6	76·1	70·5	26·0	61	...	2·5	...	7·4	0	0	29	3	3	19	1	0	0	0	0	0
Pamban ...	0830	37	1012·6	1011·3	−0·9	80·5	75·1	72·6	27·3	77	− 2	4·4	+1·8	9·2	0	3	27	5	13	6	1	0	0	0	4	0
	1730	,,	1009·2	1007·9	...	80·9	75·0	72·1	27·0	75	...	4·2	...	9·6	0	6	23	1	25	2	0	1	0	0	0	0
Mathurai ...	0830	437	1013·0	997·9	−1·0	78·0	71·7	68·3	23·7	73	− 3	4·3	+1·0	2·4	0	0	26	10	12	2	1	0	0	0	1	3
	1730	,,	1008·3	993·5	...	87·2	72·2	63·0	20·2	47	...	5·0	...	2·9	0	0	27	0	10	15	1	0	0	0	1	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		mean wind speed (m.p.h.)	Wind speed, (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal					Wind direction								
															39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1013·2	1012·1	−0·7	78·6	74·0	71·9	26·8	80	+ 3	5·0	+1·3	5·2	0	0	27	6	10	3	1	0	1	0	6	2
	1730	,,	1010·1	1009·0	...	80·7	74·7	72·0	26·9	75	...	4·7	...	8·3	0	0	29	2	21	5	1	0	0	0	0	0
Tiruchirapalli ...	0530	295	1011·7	1001·4	...	72·4	70 6	69·4	24·8	91	..	4·5	...	2·1	0	0	12	2	8	2	0	0	0	0	0	17
	0830	,,	1013·6	1003·3	−1·1	76·5	71·9	69·4	24·7	78	− 3	4·4	+2·1	5·4	0	0	27	0	23	3	0	0	0	0	1	2
	1130	,,	1013·1	1003·0	...	83·8	72·5	65·9	22·1	55	...	4·5	...	7·1	0	1	28	0	21	8	0	0	0	0	0	0
	1730	,,	1009·3	999·2	...	87·4	71·9	62·5	19·7	46	...	4·8	...	9·0	0	2	27	0	12	17	0	0	0	0	0	0
	2330	,,	1012·8	1002·5	...	75·1	71·9	70·1	25·3	84	...	3·0	...	4·7	0	0	24	0	12	12	0	0	0	0	0	5
Coimbatore ...	0330	1341	1013·4	967·4	−0·8	74·0	67·6	64·4	20 2	73	− 5	4·1	+1·1	4·5	0	0	28	6	10	6	3	0	0	1	2	1
	1730	,,	1007·7	963·0	...	88·3	69·2	55·4	15·8	36	...	4·0	...	5·4	0	0	29	4	8	10	6	1	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1011·4	966·2	...	69·2	67·1	65·8	21·8	89	...	3·5	...	4·5	0	1	27	9	9	4	0	0	0	1	5	1
	0830	,,	1013·1	968·3	...	74·7	70·1	67·5	28·1	79	...	3·5	...	3·5	0	0	21	0	15	5	1	0	0	0	0	8
	1130	,,	1011·9	967·9	...	82·2	72·5	67·0	23·1	61	...	3·8	...	7·6	0	0	28	3	15	9	1	0	0	0	0	1
	1730	,,	1007·2	963·8	...	87·7	72·2	62 3	19·1	46	...	3·9	...	7·3	0	0	28	3	11	13	1	0	0	0	0	1
	2330	,,	1011·7	967·1	...	75·7	69·7	65·9	22·1	73	...	2·3	...	4·1	0	1	22	1	2	10	7	1	0	1	1	6
Salem * ...	0530	913	1011·7	980·0	...	70·9	66·5	63·2	20·2	78	...	2·7	...	1·9	0	0	25	0	4	17	2	1	0	0	0	4
	0830	,,	1013·3	981·8	−1·0	74·3	67·6	63·3	20·1	69	− 5	3·0	+1·3	5·6	0	0	29	0	12	17	0	0	0	0	0	0
	1130	,,	1012 4	981·5	...	85·0	68·8	57·4	16·7	42	...	2·7	...	3·7	0	0	29	3	6	14	3	0	1	1	1	0
	1730	,,	1007·5	977·0	...	89·1	69·0	53·5	15·9	34	...	4·0	...	5·0	0	0	29	3	1	20	1	1	0	2	1	0
	2330	,,	1011·6	980·3	...	78·3	68·2	60·6	19·0	57	...	1·9	...	5·4	0	0	28	0	1	20	6	1	0	0	0	1
Kallakurichi ...	0830	416	1013·2	998·7	...	73·7	68·5	65·3	21·5	75	...	3·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1009·0	994·8	...	85·9	70·2	59·7	18·1	45	...	3·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1011·1	1009·7	...	72·4	70·3	69·6	24·4	90	...	3·0	...	0·9	0	0	8	2	6	0	0	0	0	0	0	21
	0830	,,	1013·4	1012·0	−0·9	77·2	72·8	70·0	25·5	81	− 3	5·4	+2·4	5·2	0	0	28	14	8	0	0	0	0	0	6	1
	1130	,,	1013·2	1011·8	...	83·9	74·6	70·8	25·5	67	...	4·0	...	3·9	0	0	27	6	17	3	0	0	0	0	1	2
	1730	,,	1010·2	1008·8	...	80·8	74·8	71·6	26·8	74	...	3·7	...	3·6	0	0	24	0	15	7	2	0	0	0	0	5
	2330	,,	1012·4	1011·0	...	77·7	73·2	71·0	25·9	80	...	2·4	...	2·2	0	0	13	1	10	2	0	0	0	0	0	16
Vellore ...	0530	703	1012·0	987·4	...	68·4	65·7	64·0	20·4	85	...	3·6	...	0·4	0	0	4	0	1	0	0	1	1	0	1	25
	0830	,,	1013·7	989·2	−0·6	72·9	67·4	63·7	20·4	74	− 8	4·0	+1·6	0·4	0	0	6	2	1	1	0	0	1	0	1	23
	1130	,,	1012·7	988·8	...	84·6	69·9	60·6	18·3	46	...	3·9	...	5·0	0	0	28	5	11	5	3	3	1	0	0	1
	1730	,,	1009·1	985·4	...	85·7	69·1	57·4	16·8	41	...	3·6	...	7·1	0	0	29	1	3	17	6	2	0	0	0	0
	2330	,,	1012·9	988·6	...	74·7	58·7	64·8	21·3	71	..	2·2	...	4·8	0	0	24	0	6	6	7	4	1	0	0	5
Madras ...	0530	51	1011·4	1009·6	...	72·1	69·9	68·7	24·0	88	...	3·4	...	3·4	0	0	27	0	0	0	0	0	0	12	15	2
	0830	,,	1013·5	1011·7	−0·8	76·5	71·8	69·3	24·5	79	− 1	4·4	+2·2	4·0	0	0	27	8	1	1	0	0	0	6	10	2
	1130	,,	1013·3	1011·6	...	84·6	72·7	66·8	22·0	55	...	4·2	...	8·3	0	5	23	2	13	9	4	0	0	0	0	1
	1730	,,	1010·5	1008·7	...	81·7	72·8	68·3	23·5	64	...	3·7	...	9·0	0	2	27	0	14	12	3	0	0	0	0	0
	2330	,,	1012·9	1011·1	...	76·1	71·9	69·8	24·8	81	...	2·8	...	4·6	0	0	27	3	4	9	4	0	0	1	6	2
Madras (Nungambakkam) ...	0830	21	1013·0	1012·3	...	78·5	72·5	69·4	24·5	74	...	4·5	...	2·7	0	0	26	4	10	1	4	1	2	0	4	3
Malabar and South Kanara																										
Mangalore ...	0530	72	1010·1	1007·7	...	76·0	73·1	71·9	26·5	87	...	2·4	...	5·2	0	0	29	1	10	18	0	0	0	0	0	0
	0830	,,	1012·2	1009·7	−1·1	78·8	73·7	71·3	26·1	78	+ 5	3·3	+1·5	4·8	0	0	28	1	7	18	2	0	0	0	0	1
	1130	,,	1012·2	1009·8	...	85·4	75·3	70·0	25·4	61	...	2·8	...	5·8	0	0	29	3	0	4	2	0	2	6	12	0
	1730	,,	1008·7	1006·2	...	84·2	76·2	72·7	27·2	68	...	3·2	...	7·8	0	0	29	1	0	0	0	0	3	14	11	0
	2330	,,	1011·2	1008·7	...	79·7	74·8	72·2	27·2	79	...	2·0	...	3·4	0	0	23	5	13	3	0	0	0	0	2	6
Kozhikode ...	0530	27	1009·7	1008·8	...	76·5	73·4	71·8	26·8	86	...	1·4	...	5·0	0	0	29	0	21	8	0	0	0	0	0	0
	0830	,,	1012·2	1011·3	−0·8	80·5	74·5	71·3	26·5	74	− 5	3·7	+1·6	3·9	0	0	29	1	14	13	1	0	0	0	0	0
	1130	,,	1012·1	1011·2	...	89·2	77·1	71·2	26·3	56	...	3·7	...	6·4	0	0	29	0	0	0	1	0	10	13	5	0
	1730	,,	1008·1	1007·2	...	87·1	78·1	73·7	28·8	65	...	4·9	...	12·2	0	11	18	1	0	0	0	0	3	14	11	0
	2330	,,	1010·9	1010·0	...	80·7	76·1	74·0	28·7	80	...	1·5	...	5·3	0	1	27	8	4	1	0	0	0	2	13	1
Palghat ...	0830	319	1012·5	1001·4	...	80·0	72·0	67·4	23·2	66	...	3·0	...	7·3	0	0	29	0	0	29	0	0	0	0	0	0
	1730	,,	1007·2	996·5	...	92·5	72·9	60·7	18·8	38	...	3·4	...	5·0	0	0	28	0	0	24	0	0	1	2	1	1
Mysore																										
Chitaldrug ...	0830	2405	902·1	931·3	−0·8	72·6	64·2	60·0	17·1	65	+11	2·7	+1·1	2·7	0	0	22	0	1	9	7	1	1	2	1	7
	1730	,,	899·4	927·8	...	87·2	68·0	56·2	15·7	36	...	3·3	...	3·2	0	0	27	0	8	18	0	0	1	0	0	2
Shimoga ...	0830	1872	900·3	949·0	...	67·6	64·0	61·1	18·9	82	...	2·8	...	0·9	0	0	12	0	0	1	1	3	4	3	0	17
	1730	,,	897·9	944·4	...	89·7	68·0	51·7	14·7	31	...	3·2	...	4·0	0	0	26	3	8	7	3	1	1	2	1	3
Hassan ...	0830	3149	903·5	907·9	...	67·9	61·9	57·3	16·4	71	+ 3	2·4	+0·.	2·5	0	0	21	0	3	9	7	1	0	1	0	8
	1730	,,	900·0	904·3	...	84·0	64·5	49·7	12·8	32	...	3·5	...	4·8	0	0	27	1	5	13	5	0	1	2	0	2
Bangalore (Central Observatory) ...	0830	3021	903·3	911·9	−0·6	68·3	60·2	53·6	14·6	62	− 8	3·5	+1·7	5·9	0	0	26	0	3	14	9	0	0	0	0	3
	1130	,,	903·5	911·9	...	78·7	61·8	47·4	12·6	37	...	2·9	...	7·1	0	0	29	0	4	21	3	1	0	0	0	0
	1730	,,	900·1	908·5	...	81·6	60·7	44·1	9·7	26	...	3·3	...	6·2	0	1	27	0	6	17	5	0	0	0	0	1
Bangalore (Aerodrome) ...	0530	2942	901·3	912·5	...	64·6	60·2	55·5	16·0	77	...	2·5	...	...	...	...	...	0	1	9	8	0	0	0	0	11
	0830	,,	903·4	914·6	...	68·5	61·6	56·3	15·9	67	...	3·4	...	...	...	...	...	0	0	10	14	0	0	0	0	5
	1130	,,	903·6	914·5	...	79·0	63·1	50·5	13·3	41	...	3·4	...	...	...	...	...	0	2	8	15	1	0	0	0	3
	1730	,,	900·2	911·0	...	83·5	62·8	46·0	11·1	31	...	3·6	...	...	...	...	...	0	4	10	12	1	0	0	0	2
	2330	,,	902·6	913·8	...	70·2	61·9	55·7	15·5	63	...	2·2	...	...	...	...	...	0	1	7	18	0	0	0	0	3

* Observations for 28 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore	0830	2518	902·5	927·9	−0·8	71·4	64·3	59·7	17·7	68	+ 2	3·3	+1·1	4·1	0	0	25	3	5	8	6	2	0	1	0	4
	1730	,,	899·6	924·3	...	85·9	63·5	45·0	10·9	26	...	3·7	...	7·3	0	2	27	2	12	11	2	0	0	1	1	0
Balehonnur	0830		...	...	...	67·6	63·8	61·3	18·6	81	+ 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin	0830	10	1012·0	1011·7	−1·0	81·2	74·3	71·1	25·8	71	− 2	5·2	+3·4	4·1	0	0	29	1	13	11	4	0	0	0	0	0
	1730	,,	1008·1	1007·8	...	85·0	77·3	73·6	28·5	69	...	4·7	...	10·0	0	7	22	1	0	0	0	1	7	12	8	0
Cochin(Willingdon Island Aerodrome)	0530	6	1009·9	1009·7	...	75·9	73·8	72·7	27·6	90	...	4·2	...	2·7	0	0	19	1	9	9	0	0	0	0	0	10
	0830	..	1011·9	1011·7	...	79·4	74·3	71·7	26·7	78	...	4·1	...	3·5	0	0	23	1	13	6	3	0	0	0	0	6
	1130	,,	1011·5	1011·3	...	86·4	75·9	70·6	25·8	60	...	3·8	...	4·2	0	0	26	3	2	0	6	2	2	6	5	3
	1730	,,	1008·2	1008·0	...	85·0	76·4	72·3	27·2	66	...	3·7	...	7·7	0	0	29	1	1	0	1	1	5	16	4	0
	2330	,,	1011·2	1011·0	...	79·1	75·9	74·4	29·1	86	...	3·1	...	3·2	0	0	19	7	2	5	1	1	1	1	1	10
Alleppey	0830	12	1011·8	1011·4	...	81·6	77·1	75·0	29·8	81	...	4·5	...	3·9	0	0	29	0	8	13	7	0	0	1	0	0
	1730	,,	1008·2	1007·8	...	85·6	78·6	75·4	30·3	72	...	4·2	...	11·9	0	9	20	1	0	1	0	0	4	15	8	0
Trivandrum	0530	211	1009·7	1008·4	...	75·5	73·5	72·7	27·4	91	...	1·8	...	2·3	0	0	27	7	12	3	2	0	1	0	2	2
	0830	,,	1011·7	1004·4	−1·1	78·1	74·3	72·5	27·3	83	+ 5	2·7	+0·6	1·9	0	0	23	5	10	3	5	0	0	0	0	6
	1130	,,	1011·3	1004·1	...	86·5	75·3	69·3	28·3	58	...	3·3	...	3·0	0	0	29	0	1	0	3	8	10	4	3	0
	1730	,,	1008·5	1001·3	...	84·2	75·8	71·6	26·6	67	...	3·8	...	4·5	0	0	29	0	0	0	0	4	16	8	1	0
	2330	,,	1011·3	1004·0	...	78·5	75·0	73·2	28·1	84	...	2·3	...	1·7	0	0	18	4	5	3	2	2	0	1	1	11
Nagercoil	0530	195	1009·7	1002·9	...	76·1	71·2	68·6	23·9	78	...	2·9	...	5·6	0	4	18	1	16	5	0	0	0	0	0	7
	0830	,,	1011·8	1005·1	...	80·3	72·4	68·3	23·6	67	...	4·2	...	6·0	0	1	23	1	20	1	0	0	0	2	0	5
	1130	,,	1011·5	1004·9	...	87·9	73·9	66·4	22·9	50	...	4·5	...	9·4	0	7	21	0	18	4	1	0	4	0	1	1
	1730	,,	1008·3	1001·7	...	85·6	75·4	70·3	25·4	61	...	5·0	...	7·7	0	2	26	0	4	4	1	1	6	12	0	1
	2330	,,	1011·3	1004·6	...	79·2	72·8	69·4	24·6	73	...	3·1	...	3·9	0	0	18	1	11	3	1	0	0	0	2	11
Hill stations Excluding Kashmir																										
Aijal	0830	3599	901·5	891·6	...	65·0	53·8	42·3	9·8	46	...	2·9	...	4·0	0	0	27	1	0	7	7	1	5	4	2	2
	1730	,,	899·6	889·6	...	64·9	54·9	45·4	10·7	51	...	2·6	...	3·9	0	0	28	2	0	0	0	2	5	14	5	1
Shillong	0830	4921	902·2	850·9	−0·4	57·4	48·5	38·4	8·0	51	−10	3·7	+1·6	1·5	0	0	15	0	0	1	1	1	10	2	0	14
	1730	,,	900·0	848·9	...	58·0	51·8	45·8	10·8	65	...	5·3	...	0·8	0	0	6	1	0	0	0	0	3	2	0	23
Cherrapunji	0830	4309	904·4	872·1	+1·6	61·2	51·8	42·4	9·3	51	− 9	2·0	−0·5	2·2	0	0	29	0	7	4	1	4	11	2	0	0
	1730	,,	901·5	869·1	...	59·0	52·5	46·7	10·9	65	...	2·3	...	2·0	0	0	28	0	3	1	0	1	17	6	0	1
Darjiling	0830	7432	797·7	776·3	+0·4	46·4	44·0	41·6	8·9	84	+ 8	5·0	+1·2	4·3	0	0	28	0	0	21	4	0	0	3	0	1
	1730	,,	795·8	774·3	...	44·8	43·4	42·1	9·0	90	...	6·1	...	6·3	0	3	23	0	0	1	1	0	1	23	0	3
Darjiling (Raj Bhawan)	0830	6980	808·7	793·6	...	47·3	43·9	40·2	8·5	77	...	5·7	...	0·3	0	0	4	0	0	1	0	1	1	1	0	25
	1730	,,	803·1	791·4	...	48·5	45·6	42·6	9·3	80	...	7·3	...	1·5	0	0	16	0	0	0	0	1	10	4	1	13
Kalimpong	0830	3965	902·7	880·9	−0·4	55·0	51·4	47·6	11·6	77	+ 4	2·2	−0·6	2·6	0	0	20	0	0	0	1	0	0	0	19	9
	1730	,,	899·8	878·2	...	59·4	53·6	48·3	11·5	68	...	3·2	...	4·1	0	0	29	0	0	0	29	0	0	0	0	0
Katmandu	0830	4388	905·6	869·5	...	47·6	45·3	42·9	9·2	84	− 1	3·9	−0·4	0·4	0	0	6	1	0	0	4	1	0	0	0	23
	1730	,,	901·0	866·4	...	61·4	52·4	43·8	9·8	54	...	3·5	...	1·7	0	0	13	6	0	0	1	0	2	0	4	16
Mukeswar (Kumaon)	0830	7592	802·4	772·7	+0·7	44·2	35·9	22·6	4·3	46	− 8	2·1	−1·0	7·3	0	3	23	1	4	5	1	0	3	7	5	3
	1730	,,	800·5	771·3	...	50·2	42·2	32·7	6·2	55	...	2·6	...	9·2	0	4	24	0	1	2	0	0	6	14	5	1
Lokpal	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree	0830	6699	801·1	797·3	...	47·6	39·6	28·9	5·5	51	−14	3·6	−0·2	2·4	0	0	23	6	7	0	2	4	2	1	1	6
*	1730	,,	800·1	796·3	...	49·9	43·6	36·9	7·5	63	...	4·1	...	3·3	0	0	25	0	2	2	6	9	4	1	1	3
Simla	0830	7224	801·1	782·1	+1·5	45·7	36·3	21·2	4·0	41	− 5	4·4	+0·8	1·9	0	0	17	2	2	0	4	6	0	2	1	12
	1730	,,	800·1	781·5	...	47·8	40·5	31·1	6·1	55	...	4·0	...	1·9	0	6	25	1	4	0	3	10	5	1	1	4
Dalhousie	0830	...	...	...	...	46·1	41·4	35·2	7·2	69	...	2·8	...	2·7	0	1	9	0	5	3	1	0	1	0	0	19
	1730	...	...	...	...	48·1	45·0	41·5	9·1	79	...	4·1	...	1·4	0	0	8	0	7	0	1	0	0	0	0	21
Dharamshala	0830	3975	908·7	886·4	...	54·9	46·9	42·7	7·0	57	...	4·1	...	2·5	0	0	29	19	0	10	0	0	0	0	0	0
	1730	,,	907·6	885·5	...	60·6	51·7	43·8	9·5	57	...	4·7	...	3·3	0	0	28	2	0	5	0	2	0	19	0	1
Pachmarhi	0830	3528	904·4	893·6	+0·2	60·0	53·3	46·8	11 2	65	+13	2·8	+1·1	2·0	0	0	18	0	2	2	1	5	6	2	0	11
	1730	,,	901·8	894·1	...	75·6	60·8	48·5	12·2	43	...	3·1	...	1·5	0	0	20	3	3	0	1	2	0	5	6	9
Abu	0830	3931	902·8	882·5	−0·5	60·0	48·5	34·7	7·0	42	− 1	2·0	+0·3	2·0	0	0	12	1	2	2	0	3	1	2	1	17
	1730	,,	901·0	881·1	...	68·5	53·1	36·4	7·6	32	...	1·7	...	1·4	0	0	15	2	2	1	0	1	3	4	2	14
Mahabaleshwar	0830	4534	903·3	864·5	−0·1	65·0	53·5	41·8	9·4	45	− 2	1·6	+1·0	4·8	0	0	27	5	4	11	3	3	1	0	0	2
	1730	,,	900·3	862·3	...	75·0	60·8	49·0	12·5	41	...	1·3	...	5·1	0	0	29	2	2	0	0	0	9	5	11	0
Nandi Hills	0830		...	...	...	65·4	57·9	52·6	13·3	66	...	4·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara	0830	3781	903·6	888·0	+0·4	65·5	60·5	56·9	16·2	75	+ 1	2·9	0	2·4	0	0	19	0	9	9	0	0	0	0	1	16
	1730	,,	900·9	885·7	...	77·5	64·8	55·5	16·3	51	...	3·4	...	6·8	0	0	27	0	7	8	0	0	0	6	6	2
Kodaikanal	0830	7688	803·9	772·4	+0·2	54·5	47·5	38·7	8·7	63	+11	3·7	+1·9	6·4	0	3	26	3	9	5	11	0	0	0	1	0
	1130	,,	803·9	772·8	...	61·1	51·7	42·5	9·8	56	...	4·0	...	6·9	0	4	23	0	7	3	15	0	0	0	2	2
	1730	,,	802·2	770·9	...	57·1	52·1	47·6	11·5	73	...	5·7	...	3·3	0	1	21	2	5	0	10	2	0	0	3	7
Ootacamund	0830	7378	803·3	780·3	−0·6	52·8	48·3	44·1	9·9	73	+ 7	2·5	+0·7	1·4	0	0	14	0	7	5	1	1	0	0	0	15
	1730	,,	801·5	778·9	...	61·8	55·9	51·1	13·1	70	...	3·7	...	1·9	0	0	22	2	11	3	4	2	0	0	0	7
Coonoor	0830	...	...	...	...	59·7	52·6	46·6	10·9	64	+ 2	4·5	+2·3	3·9	0	0	29	2	4	2	15	6	0	0	0	0
Sikkim	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen	0830	...	...	...	...	39·9	38·2	36·2	7·4	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 28 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—FEBRUARY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	40·0	37·9	34·4	7·1	83	+1	0·5	-2·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	626·6	653·3	...	33·6	31·9	29·8	5·6	86	...	1·8	...	2·3	...	...	14	0	0	1	10	2	1	0	0	15
Gyantse ...	0830	13,110	622·3	623·0	...	31·0	25·4	17·0	3·0	53	-5	1·2	-0·4	1·2	0	0	12	0	0	5	3	2	1	0	1	17
Ceylon																										
Colombo ...	0830	24	1011·8	1011·0	-0·9	77·1	74·6	73·2	28·1	88	+3	4·8	+1·2	3·8	...	...	...	3	13	8	3	0	0	0	0	2
	1730	,,	1008·4	1007·5	...	82·2	76·9	74·8	29·2	78	...	5·4	...	8·5	...	...	...	5	2	0	0	0	3	4	14	1
Trincomalee ...	0830	24	1012·3	1011·6	-0·7	78·9	74·2	72·1	26·8	79	-2	5·9	+2·5	7·2	...	...	...	7	12	2	1	1	1	1	2	2
	1730	,,	1009·2	1008·7	...	80·7	75·4	72·5	27·7	77	...	5·4	...	10·9	...	...	...	14	12	1	2	0	0	0	0	0
Batticoloa ...	0830	20	1012·0	1011·7	...	77·7	74·9	73·9	28·3	87	...	5·3	...	5·1	...	...	...	1	7	0	1	1	2	11	5	1
	1730	,,	1009·1	1008·8	...	81·2	76·5	73·9	29·0	79	...	5·1	...	9·4	...	...	...	6	16	2	2	0	1	0	2	0
Hambantota ...	0830	61	1011·6	1009·6	-0·6	78·1	74·1	73·0	27·0	82	-2	4·4	+1·6	10·9	...	...	...	15	12	0	0	0	0	0	2	0
	1730	,,	1008·4	1006·3	...	82·2	76·9	74·5	29·2	78	...	5·6	...	18·3	...	...	...	0	7	18	3	1	0	0	0	0
Mannar ...	0830	12	1012·4	1012·0	...	78·7	75·4	73·4	28·6	85	...	5·2	...	5·4	...	...	...	0	16	9	3	0	0	0	0	1
	1730	,,	1009·0	1008·6	...	83·2	76·0	27·9	26·9	70	...	4·7	...	9·1	...	...	...	7	16	3	0	0	0	2	0	1
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1013·2	985·0	...	55·2	51·7	48·2	11·5	78	...	2·7	...	2·3	0	0	20	1	0	0	0	0	0	4	15	9
	0830	,,	1014·9	987·0	...	62·5	55·4	48·6	11·8	62	...	2·3	...	2·6	0	1	18	2	0	1	0	0	1	3	12	10
	1130	,,	1013·3	986·4	...	80·4	61·1	42·6	9·7	30	...	2·9	...	5·1	0	1	25	1	1	1	4	1	7	1	10	3
	1730	,,	1009·9	983·1	...	81·3	60·7	39·6	8·9	26	...	3·8	...	5·4	0	0	27	4	3	1	3	0	0	2	14	2
	2330	,,	1013·1	985·4	...	63·1	55·9	48·8	12·1	62	...	2·1	...	2·3	0	0	25	4	0	0	0	0	0	3	18	4
Hazaribagh ...	0530	2019	998·9	942·8	...	59·1	51·3	43·0	9·5	58	...	1·3	...	4·3	0	1	22	2	0	1	2	1	6	9	2	6
	0830	,,	901·3	944·6	...	67·7	55·5	44·2	10·1	45	...	1·9	...	5·4	0	1	25	3	0	2	2	4	1	10	4	3
	1130	,,	901·9	944·4	...	76·8	58 1	40·9	9·0	31	...	2·4	...	7·5	0	3	25	0	1	1	1	1	5	8	11	1
	1730	,,	899·3	941·8	...	75·0	57·3	40·3	8·9	31	...	3·3	...	5·6	0	0	25	6	0	1	0	0	0	7	11	4
	2330	,,	899·7	943·4	...	62·5	53·3	44·6	10·2	54	...	1·7	...	2·5	0	0	16	0	0	1	0	0	4	9	2	13
Mahanadi Catchment																										
Baramul ...	0830	210	1014·9	1007·4	...	69·8	62·5	56·3	15·6	65	...	...	...	3·0	0	0	29	0	9	7	5	3	5	0	0	0
	1730	,,	1010·5	1003·1	...	76·3	65·5	57·5	16·1	55	...	...	...	0·1	0	0	1	0	0	0	0	1	0	0	0	28
Hirakud ...	0830	522	1014·6	996·1	...	70·8	62·0	55·2	14·5	59	...	...	...	0·7	0	0	22	2	2	4	2	7	2	2	1	7
	1730	,,	1010·2	992·2	...	85·2	66·5	51·1	13·8	34	...	...	...	0·8	0	0	20	6	1	2	2	5	1	2	1	9
Barkachhar ...	0830	...	...	...	...	66·6	60·2	54·9	15·0	67	...	0·5	...	3·4	0	0	29	2	2	2	1	2	10	8	2	0
	1730	...	...	...	...	83·5	63·6	49·8	11·1	35	...	0·5	...	1·4	0	0	15	5	1	0	0	1	1	1	6	14
Sonepur ...	0830	...	...	...	...	71·8	64·9	56·1	18·7	58	...	...	...	2·5	0	0	20	3	2	3	2	2	3	3	2	9
Ginabahar ...	0830	...	...	...	...	65·9	63·9	63·1	17·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	70·0	60·2	51·9	13·4	55	...	2·7	...	3·8	0	0	24	2	5	4	3	4	0	6	0	5
	1730	...	...	...	...	84·8	65·7	51·5	13·2	34	...	2·6	...	2·4	0	0	19	0	0	1	3	0	0	10	5	10
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	45·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	69·7	57·5	45·3	10·7	43	...	1·3	...	2·8	0	1	22	0	5	10	3	2	3	0	0	6
	1730	...	...	...	...	89·5	66·1	47·1	11·5	24	...	2·0	...	4·0	0	1	26	0	1	2	3	7	7	5	2	2
Bagra Tawa ...	0830	...	...	...	...	68·1	57·1	46·3	11·0	49	...	2·1	...	3·2	0	0	22	0	4	8	2	1	6	1	0	7
	1730	...	...	...	...	84·8	64·3	45·0	11·4	30	...	2·9	...	2·9	0	0	25	0	3	5	2	2	4	7	2	4
Thikri ...	0830	...	...	...	...	71·3	64·5	60·5	17·7	69	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	60·6	52·5	45·0	10·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	67·7	56·7	47·1	10·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(R) Register not received.

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

FEBRUARY 1952

ALLAHABAD (Sur. Pr. 1001 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	96	294·3	298	291	283·1
1000	29	109	...	...	...	...
900	29	1023	292·0	297	287	275·0
850	29	1511	287·9	293	282	272·3
800	29	2021	284·1	289	277	269·7
700	29	3118	275·4	281	270	265·8
600	29	4343	266·2	272	259	...
500	29	5740	256·7	263	251	...
400	28	7385	245·1	254	238	...
300	28	9386	230·9	240	223	...
250	26	10602	223·4	232	212	...
200	18	12043	217·5	228	209	...
175	9	12858	214·1	223	208	...
150	6	13813	210·5	219	205	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1011 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	7	295·6	299	292	287·5
1000	28	99	...	...	...	...
900	27	1023	292·2	298	286	277·0
850	27	1508	287·7	293	282	274·1
800	27	2016	283·0	289	277	269·7
700	27	3108	276·1	281	269	257·4
600	27	4342	267·9	276	263	...
500	25	5742	258·4	269	253	...
400	23	7397	246·6	256	241	...
300	15	9403	232·4	237	226	...
250	9	10612	225·6	234	219	...
200	...	...	...	...	...	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (987 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	318	295·9	300	291	277·4
1000	29	106	...	...	...	...
900	29	1021	291·2	296	285	273·8
850	29	1506	286·7	292	280	273·3
800	29	2013	282·2	288	277	270·4
700	29	3104	274·8	280	269	263·3
600	29	4326	265·6	271	261	...
500	29	5722	256·1	261	250	...
400	27	7357	243·8	248	236	...
300	24	9344	229·3	238	221	...
250	22	10550	221·5	229	213	...
200	21	11970	216·1	224	209	...
175	14	12831	214·5	221	207	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

MADRAS (1010 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	15	299·1	301	297	293·9
1000	29	104	...	...	...	...
900	29	1028	293·9	296	289	275·4
850	29	1516	291·6	295	289	274·1
800	29	2036	289·1	291	285	271·5
700	29	3159	283·6	289	280	266·8
600	29	4428	276·4	282	275	258·3
500	29	5881	267·9	271	265	...
400	28	7600	257·6	261	252	...
300	24	9714	240·3	248	238	...
250	20	10986	229·2	238	229	...
200	11	12469	222·3	227	216	...
175	7	13319	216·0	220	213	...
150	6	14276	209·5	215	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (976 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	307	298·0	301	294	281·9
1000	29	94	...	...	...	...
900	28	1018	296·5	302	292	282·1
850	28	1512	292·3	297	288	279·6
800	29	2032	288·1	292	282	277·5
700	28	3145	279·0	283	274	270·7
600	28	4393	272·1	277	267	...
500	28	5827	263·0	268	257	...
400	24	7515	252·6	260	247	...
300	13	9616	240·4	244	236	...
250	13	10867	231·2	235	226	...
200	8	12345	224·9	229	219	...
175	7	13209	220·4	227	215	...
150	7	14171	215·6	223	209	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (988 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	217	292·7	296	289	283·4
1000	29	113	...	...	...	...
900	29	1021	290·4	296	284	276·0
850	29	1503	286·5	291	281	270·8
800	29	2013	281·5	288	271	268·5
700	29	3099	273·0	278	268	263·2
600	29	4320	264·3	274	245	...
500	29	5706	255·2	262	243	...
400	29	7341	242·9	248	235	...
300	27	9344	229·7	241	221	...
250	25	10541	221·7	234	214	...
200	23	11950	215·9	227	204	...
175	15	12869	214·5	225	205	...
150	8	13890	213·3	221	206	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

FEBRUARY 1952

POONA (Sur. Pr. 949 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	557	297·7	299	293	284·2
1000	29	93	...	...	...	...
900	29	1016	296·5	299	293	280·9
850	29	1512	294·0	297	291	276·4
800	29	2035	289·9	293	287	274·5
700	29	3155	281·2	284	277	267·1
600	28	4413	273·8	279	271	252·6
500	28	5852	265·4	273	259	...
400	27	7555	254·6	259	248	...
300	27	9643	241·2	246	232	...
250	26	10907	232·3	238	223	...
200	21	12410	223·8	233	211	...
175	13	13290	219·1	227	214	...
150	12	14265	212·1	220	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

PORT BLAIR (1009 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	2	300·0	301	299	296·0
1000	27	94	...	...	...	...
900	27	1019	294·0	296	290	290·0
850	27	1513	292·0	293	288	287·0
800	27	2033	288·0	290	285	284·0
700	27	3156	284·0	292	283	275·0
600	24	4421	277·0	279	274	267·0
500	24	5878	269·0	271	267	...
400	18	7594	258·0	262	256	...
300	12	9728	244·0	247	240	...
250	6	10997	234·0	238	231	...
200	...	...	...	...	...	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

TRIVANDRUM (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	64	300·7	302	299	295·7
1000	29	91	...	...	...	...
900	29	1017	294·2	297	292	289·6
850	29	1511	291·8	294	290	287·1
800	29	2032	288·1	292	286	282·6
700	29	3157	283·8	293	280	275·0
600	29	4425	276·3	280	273	265·3
500	29	5880	268·0	272	263	...
400	29	7604	258·8	262	254	...
300	29	9727	244·7	250	240	...
250	21	10997	234·3	245	230	...
200	19	12506	224·0	234	219	...
175	15	13367	217·0	224	212	...
150	13	14331	209·6	214	204	...
125	8	15403	203·3	208	197	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VERAVAL (1011 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	8	296·1	297	294	292·0
1000	28	106	...	...	...	...
900	28	1028	294·2	297	291	276·7
850	28	1515	291·0	295	286	274·6
800	28	2033	287·3	291	284	273·9
700	28	3147	281·3	286	277	265·1
600	28	4405	274·4	279	268	259·1
500	28	5845	264·4	271	260	...
400	28	7538	253·8	263	248	...
300	26	9610	239·2	246	231	...
250	26	10866	231·0	243	222	...
200	24	12344	222·3	228	215	...
175	22	13205	216·9	223	210	...
150	20	14182	211·5	220	205	...
125	12	15284	207·7	217	201	...
100	10	16656	203·9	215	199	...
80	...	...	...	...	...	...

VISAKHAPATNAM (1007 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	48	298·6	301	297	292·4
1000	29	105	...	...	...	...
900	29	1025	293·9	298	288	282·0
850	29	1516	291·2	296	285	279·0
800	29	2035	289·6	291	284	276·6
700	29	3151	281·3	285	277	266·0
600	29	4408	275·2	281	271	265·5
500	29	5858	266·0	272	263	...
400	29	7567	256·1	261	252	...
300	29	9669	242·6	247	235	...
250	27	10970	233·9	239	227	...
200	23	12446	223·7	230	218	...
175	20	13317	218·8	223	214	...
150	20	14282	212·6	222	208	...
125	12	15432	208·3	218	205	...
100	7	16811	204·4	214	202	...
80	...	...	...	...	...	...

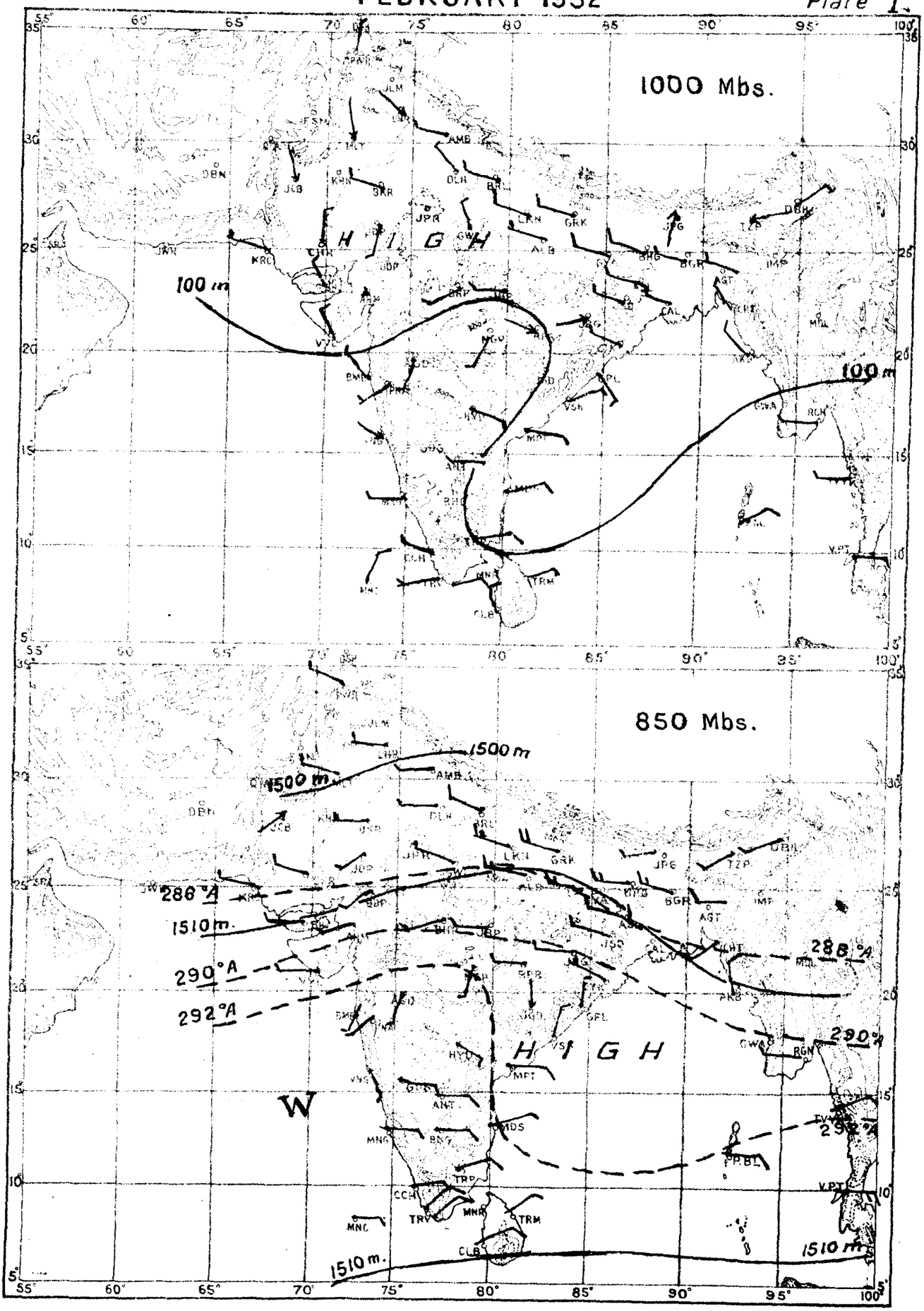
Note:— Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S.—110DDG Ob. Poona—28-2-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

FEBRUARY 1952

Plate I.



RESULTANT WIND —\= 5 Knots; —\= 10 Knots, —\= 50 Knots.

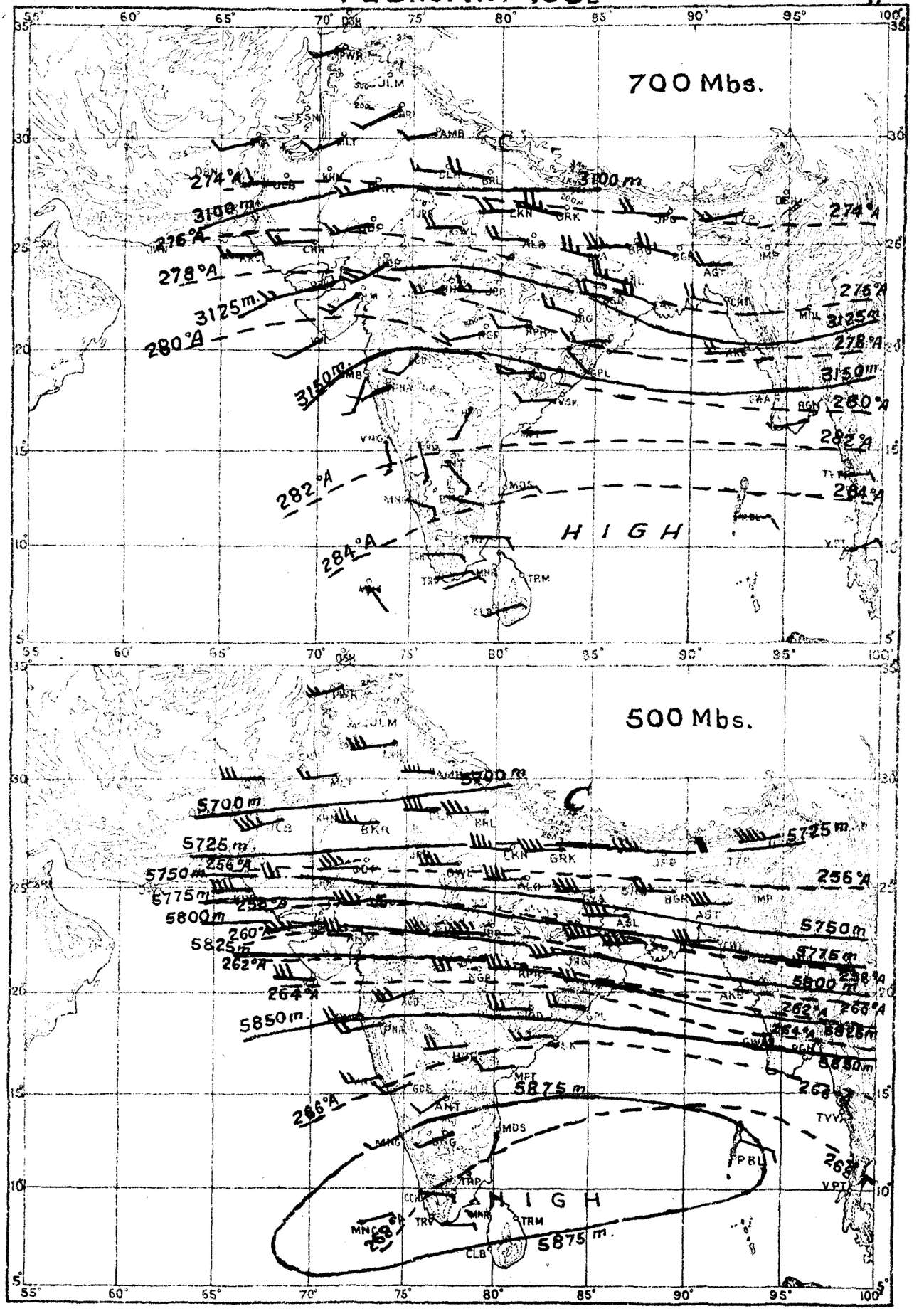
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

FEBRUARY 1952

Plate II



RESULTANT WIND ——\= 5 Knots, ——\= 10 Knots, ——\= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

MARCH

Published by authority of the Government of India

Chief features: (i) Six western disturbances and (ii) good thunderrain in North India.

Six western disturbances moved across north India during the month, and each of them was followed by a secondary.

The first two western disturbances were feeble, and moved in a northeasterly direction from Baluchistan to the extreme north of the country. They were responsible for fairly widespread thundershowers in the Punjab-Kumaon hills and Kashmir between the 3rd and 10th.

During the transit of the second western disturbance a secondary 'low' appeared over Vindhya Pradesh and the adjoining parts of Madhya Bharat on the 8th. Subsequently, it moved away eastwards across upper Assam on the 10th and caused widespread or local thundershowers in Assam and West Bengal between the 9th and 11th. Local or scattered thundershowers were also reported from Bihar, Orissa and Chota Nagpur during the above period.

The third western disturbance was also feeble, but a 'secondary' induced by this western disturbance was active. The 'Secondary' caused fairly widespread thundershowers in the Kumaon hills, the Punjab (I) and Vindhya Pradesh on the 15th, over the entire region extending from the Punjab (I) to west Assam on the 16th and in northeast India on the 17th. Scattered thundshowers were also reported from Kashmir on the 16th and 17th. According to press reports the thundershowers on the 15th and 16th were accompanied by snow and hailstorms in Kashmir and the Simla-Kumaon hills. A few hailstorms in northwest Uttar Pradesh were also reported to have damaged the wheat crop.

The fourth and the fifth western disturbances also moved in a northwesterly direction from north Baluchistan to the hills of the Punjab (I). Both these western disturbances were active, and caused fairly wide spread thundershowers in different parts of Uttar Pradesh and the Punjab (I).

In association with the fourth western disturbance, fairly widespread thundershowers occurred in the hills of the northwest Uttar Pradesh, the plains of the Punjab (I) and east Rajasthan on the 22nd, and in Kashmir on the 22nd and 23rd.

Widespread thundershowers were again reported from the hills of the Punjab (I) on the 27th and 28th due to the fifth western disturbance. Local thundershowers also occurred in the plains of the Punjab (I) and the Kumaon hills on the 28th, and in Kashmir on the 27th, 28th and 29th.

A brief account of the movement and activity of the western disturbances and the secondaries, which moved across the country during the month, is given below:

TABLE

S. No.	Period	Course	Regions affected	Nature of precipitation	Remarks
	28th of last month to 4th March	West Rajasthan and Sind, central parts of Madhya Pradesh, sub-Himalayan West Bengal and Assam.	Uttar Pradesh	Fairly widespread thunderstorms on 1st.	A Secondary induced by the last western disturbance of February 1952.
			Hills of the Punjab (I), east Rajasthan	Local thundershowers on 1st.	
			Madhya Bharat, Vindhya Pradesh		
			Plains of the Punjab [I]	Scattered thundershowers on 1st	
			Hills of Punjab [I], Uttar Pradesh	Widespread thundershowers on 2nd	
			Bihar, plains of the Punjab [I], Madhya Bharat & west Madhya Pradesh	Local thundershowers on 2nd	
			Northeast India and east Uttar Pradesh	Widespread thundershowers on 3rd	
			East Madhya Pradesh	Local thundershowers on 3rd	
			Assam	Widespread thundershowers on 4th	
			Sub-Himalayan West Bengal	Local thundershowers on 4th	
			Gangetic West Bengal	Scattered thundershowers on 4th	

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WEATHER BUREAU

S. No.	Period	Course	Regions affected	Nature of precipitation	Remarks
1	3rd to 6th	Mekran coast, Baluchistan to extreme north of the country.	The Kumaon hills Hills of the Punjab [I] Kashmir	Fairly widespread showers on 5th Local showers on 5th Scattered showers on 6th and 7th	
	6th to 8th	Upper Sind, Hills of Punjab [I]	Kashmir Northwest Uttar Pradesh, Hills of the Punjab [I] Hills of the Punjab [I]	Local showers on 8th and 9th Local showers on the 7th Scattered light showers on 8th	Secondary western disturbance induced by the western disturbance under No.1
2	8th to 10th	Baluchistan to extreme north of the country	The Kumaon hills The Simla-Kumaon hills Kashmir Kashmir	Fairly widespread light thundershowers on 10th Local thundershowers on 9th Local rain on 8th and 9th Local thundershowers on 10th	
	8th to 11th	Vindhya Pradesh, Madhya Bharat, Assam	Sub-Himalayan West Bengal Sub-Himalayan West Bengal Gangetic West Bengal Assam and Chota Nagpur Assam Bihar Plains of west Uttar Pradesh Orissa and Kumaon hills Assam West Bengal Orissa, Chota Nagpur	Widespread light thundershowers on 9th Local light thundershowers on 10th Widespread light thundershowers on 10th Local light thundershowers on 9th Local light thundershowers on 10th Local light thundershowers on 9th and a few thundershowers on 10th A few thundershowers on 9th Local light thundershowers on 10th Fairly widespread thundershowers on 11th Local thundershowers on 11th A few thundershowers on 11th	Secondary 'low'
3	12th to 14th	North Baluchistan to extreme north of the country	The Punjab [I] Kashmir	A few thundershowers on 14th A few thundershowers on 14th and 15th	
	14th to 17th	Sind, west Rajasthan central parts of the country, Assam.	The Kumaon hills, the Punjab [I], Vindhya Pradesh Plains of west Uttar Pradesh, Overbelt of country extending from the Punjab [I] to west Assam Assam, West Bengal, Chota Nagpur and northwest Uttar Pradesh Orissa, Bihar and the Punjab [I] Kashmir East Uttar Pradesh	Fairly widespread thundershowers on 15th A few thundershowers on 15th Fairly widespread thundershowers on 16th Fairly widespread thundershowers on 17th Local thundershowers on 17th A few thundershowers on 16th and 17th A few thundershowers on 17th	Secondary western disturbance induced by the western disturbance under No. 3
4	19th to 22nd	North Baluchistan to extreme north of the country.	Hills of the Punjab [I] Northwest Uttar Pradesh The plains of the Punjab [I] East Rajasthan Kashmir	Fairly widespread thundershowers on 22nd and 23rd Local thundrshowers on 22nd and fairly widespread thundershowers on 23rd Local thundershowers on 22nd and a few thundershowers on 23rd Local thundershowers on 22nd Local rain on 22nd and 23rd	
	21st afternoon to 25th	East Rajasthan, central parts of the country, upper Assam.	Chota Nagpur, West Bengal Assam and sub-Himalayan West Bengal Gangetic West Bengal Orissa East Uttar Pradesh and Bihar	Fairly widespread thundersowers on 24th Fairly widespread thundershowers on 25th A few light showers on 25th A few light showers on 24th & 25th A few light showers on 24th	Secondary western disturbance induced by western disturbance under No. 4
5	25th to 27th	North Baluchistan to the North-West Frontier Province.	Hills of the Punjab [I] West Uttar Pradesh, Plains of Punjab [I] Kumaon hills, plains of Punjab [I] Plains of west Uttar Pradesh Kashmir	Widespread thundershowers on 27th and 28th A few thudershowers on the 27th. Local thundershowers on 28th A few thundershowers on 28th Local rain and snow on 27th and local rain on 28th and 29th	
	26th to 28th	Northeast Rajasthan, Simla-Kumaon hills.	Simla-Kumaon hills Kashmir East Rajasthan	Local thundershowers on 29th Local rain on 29th A few thundershowers on 28th	Secondary western disturbance induced by western disturbance under No. 5.
6	30th to 31st	North Baluchistan to the North-West Frontier Province.	...	...	Did not give any precipitation.
	31st March to 2nd April	Upper Sind, west Rajasthan	...	...	Secondary western disturbance induced by the western disturbance under No. 6.

N.B.— Data for Jammu and Kashmir were very meagre.

Night temperatures were 10°-15° F below normal in south Madhya Pradesh and adjoining parts of Hyderabad and Deccan (Desh) on the 19th. During the last week of the month, the weather was warmer than usual in south Madhya Pradesh, north Gujarat and Hyderabad. Day temperatures between 100° and 110° F were recorded during this period,

Total rainfall for the month was in large excess in the Bay Islands, west Uttar Pradesh, the Punjab (I) and costal Andhradesa, in moderate excess in Assam and east Uttar Pradesh and in slight excess over the rest of northeast India. It was normal in Vindhya Pradesh, in slight defect in east Madhya Pradesh and Travancore-Cochin, in moderate defect in west Madhya Pradesh and in large defect in Rajasthan, Madhya Bharat, south Hyderabad, Tamilnad and Malabar-south Kanara. Elsewhere weather was dry throughout the month. Average over the plains of India, the rainfall was 5% in excess.

Mean maximum temperature was below normal in Assam, West Bengal, Bihar and east Uttar Pradesh and normal elsewhere, while the mean minimum temperature was above normal in the Bay Islands and belew normal in Deccan (Desh).

Mean relative humidity in the morning was above normal in west Bengal, Bihar, west Uttar Pradesh, the Punjab (I), Vindhya Pradesh and Saurashtra and Kutch and below normal in Hyderabad and Rayalaseema. It was normal in the remaining divisions.

The mean cloud amount in the morning was above normal in the Bay Islands, northeast India outside Orissa, in Uttar Pradesh, Malabar-south Kanara and Travancore-Cochin. It was below normal in east Rajasthan, east Madhya Pradesh, Gujarat, Deccan (Desh), Hyderabad and Rayalaseema.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest dall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the ate given in the succeeding column.

POONA—5,
the 19th June 1953.

A. K. ROY
for *Director General of Observatories.*

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	4·08	127	81·4	60·5	75	64	4·3	3·8
	+0·86	...	− 2·3	− 0·8	+ 1	...	+ 1·2	...
2 West Bengal ...	1·51	125	89·0	66·2	68	47	2·5	2·8
	+0·30	...	−2·3	− 0·4	+ 6	...	+ 0·5	...
3 Orissa ...	1·17	121	90·7	69·7	71	54	1·9	2·5
	+0·20	...	− 1·8	− 1·1	+ 3	...	− 0·1	...
4 Bihar ...	0·74	123	88·9	63·6	54	36	2·3	2·7
	+0·14	...	− 1·5	+ 0·2	+ 6	...	+ 0·8	...
5 Uttar Pradesh ...	1·35	150	87·0	60·4	55	30	2·2	2·6
	+0·45	...	− 1·5	+ 0·9	+ 5	...	+ 0·6	...
6 Punjab (I) (including PEPSU and Delhi) ...	1·62	219	85·2	57·6	65	33	2·3	2·8
	+0·88	...	+ 0·1	+ 0·9	+ 6	...	+ 0·3	...
7 Rajasthan ...	0·04	18	89·9	60·4	40	20	1·3	2·2
	−0·18	...	+ 0·7	+ 0·2	− 2	...	− 0·4	...
Sub-Division								
1 Bay Islands ...	2·74	245	88·5	74·1	72	76	5·1	5·6
	+1·62	...	+ 1·0	+ 2·6	0	...	+ 2·2	...
2 Assam (including Manipur and Tripura) ...	4·08	127	81·4	60·5	75	64	4·3	3·8
	+0·86	...	− 2·3	− 0·8	+ 1	...	+ 1·2	...
3 West Bengal ...	1·51	125	89·0	66·2	68	47	2·5	2·8
	+0·30	...	− 2·3	− 0·4	+ 6	...	+ 0·5	...
4 Orissa ...	1·17	121	90·7	69·7	71	54	1·9	2·5
	+0·20	...	− 1·8	− 1·1	+ 3	...	− 0·1	...
5 Chota Nagpur ...	1·06	120	89·9	63·2	50	33	2·2	3·3
	+0·18	...	− 0·9	− 0·2	+ 3	...	+ 0·6	...
6 Bihar ...	0·55	125	88·0	61·9	58	38	2·4	2·2
	+0·11	...	− 2·1	+ 0·6	+ 9	...	+ 0·9	...
7 Uttar Pradesh, East ...	1·50	128	88·4	62·1	53	30	2·0	2·4
	+0·33	...	− 2·0	+ 1·3	+ 4	...	+ 0·7	...
8 Uttar Pradesh, West ...	1·21	189	85·6	58·7	57	30	2·3	2·8
	+0·57	...	−1·0	+ 0·5	+ 6	...	+ 0·5	...
9 Punjab (I) (including PEPSU and Delhi) ...	1·62	219	85·2	57·6	65	33	2·3	2·8
	+0·88	...	+ 0·1	+ 0·9	+ 6	...	+ 0·3	...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0·05	20	89·5	59·7	49	27	1·7	2·1
	−0·20	...	+ 1·3	+ 0·7	+ 1	...	− 0·3	...
12 Rajasthan, East (including Ajmer) ...	0·03	16	90·1	60·9	33	12	1·0	2·3
	−0·16	...	+ 0·3	− 0·1	− 5	...	− 0·4	...
13 Madhya Bharat ...	0·07	27	92·0	60·1	32	16	1·3	2·3
	−0·19	...	+ 0·5	+ 0·1	− 2	...	+ 0·1	...
14 Vindhya Pradesh ...	0·47	98	91·4	60·5	45	22	1·4	2·0
	−0·01	...	+ 0·5	+ 0·4	+ 6	...	− 0·3	...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·24	69	91·7	60·2	38	19	1·3	2·2
	−0·11	...	+ 0·5	+ 0·2	+ 1	...	0	...
9 Madhya Pradesh ...	0·43	75	94·3	64·6	36	19	1·1	1·7
	−0·14	...	− 0·1	− 0·4	− 3	...	− 0·2	...
10 Bombay (including Saurashtra & Kutch) ...	0	0	93·8	65·6	57	30	0·9	1·0
	−0·10	...	+ 0·4	− 0·4	+ 2	...	− 0·3	...
11 Hyderabad	0·03	9	96·5	68·7	39	19	0·9	1·3
	−0·31	...	− 0·6	− 1·5	− 7	...	− 0·4	...
12 Madras (including Travancore-Cochin) ...	0·33	60	92·9	74·2	68	53	2·3	2·1
	−0·22	...	− 0·5	+ 0·6	− 3	...	− 0·1	...
13 Mysore ...	0	0	91·3	66·4	70	21	1·5	2·1
	−0·54	...	− 0·3	+ 0·7	+ 5	...	0	...
Mean of India ...	0·65	105	91·2	64·8	53	32	1·7	2·1
	+0·03	...	− 0·4	0	0	...	0	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0·69	87	93·4	65·1	46	26	1·0	1·7
	−0·10	...	− 0·5	− 0·5	− 1	...	− 0·4	...
16 Madhya Pradesh, West ...	0·27	63	94·8	64·3	31	16	1·2	1·7
	−0·16	...	+ 0·1	− 0·4	− 3	...	0	...
17 Gujarat ...	0	0	96·7	65·2	49	21	0·6	1·0
	−0·03	...	+ 0·9	+ 1·4	− 1	...	− 0·4	...
18 Saurashtra & Kutch ...	0	0	91·7	66·0	70	39	1·1	0·8
	−0·09	...	+ 0·2	+ 1·0	+ 8	...	− 0·2	...
19 Konkan ...	0	0	86·6	71·5	73	64	1·3	1·7
	−0·03	...	+ 0·9	− 0·4	+ 3	...	− 0·3	...
20 Deccan (Desh) ...	0	0	96·4	63·4	45	20	0·6	0·8
	−0·17	...	+ 0·1	− 2·1	− 1	...	− 0·4	...
21 Hyderabad, North ...	0	0	95·8	67·3	32	18	0·8	1·3
	−0·32	...	− 0·6	− 1·9	− 7	...	− 0·5	...
22 Hyderabad, South ...	0·05	14	97·0	69·8	45	19	0·9	1·3
	−0·31	...	− 0·6	− 1·2	− 6	...	− 0·3	...
23 Coastal Andhradesa ...	0·66	206	92·7	73·1	71	58	2·8	1·8
	+0·34	...	− 0·6	− 0·3	− 2	...	− 0·4	...
24 Rayalaseema ...	0	0	99·4	73·4	44	24	0·8	1·3
	−0·19	...	− 0·8	+ 0·3	− 6	...	− 0·4	...
25 Tamilnad ...	0·08	14	92·3	74·0	71	52	2·4	2·1
	−0·51	...	− 0·5	+ 1·3	− 4	...	− 0·1	...
26 Malabar & South Kanara ...	0·13	30	90·1	75·9	74	67	2·5	2·5
	−0·31	...	+ 0·2	+ 0·1	− 1	...	+ 0·5	...
27 Mysore ...	0	0	91·3	66·4	70	21	1·5	2·1
	−0·54	...	− 0·3	+ 0·7	+ 5	...	0	...
28 Travancore-Cochin ...	1·59	89	89·1	77·5	79	71	2·9	3·3
	−0·19	...	0	+ 0·8	+ 3	...	+ 0·9	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	88·5	+1·0	91	1,11,12	74·1	+2·6	66	6	2·15	2·74	+1·62	0·78	24	5	+2·9	6·8	5·0	−0·9	8	0	0	7	0	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	6·20	...	1·80	16	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	79·6	+0·7	89	24,25	60·3	−0·5	56	20,26	3·11	5·75	1·69	1·74	4	8	−·05	2·4	1·5	+0·1	14	0	0	8	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	79·5	...	89	23,24	58·4	...	53	20,26	2·99	5·18	...	1·40	30	11	...	4·9	2·9	...	16	0	0	12	1	0	0	0	0	0
Sibsagar ...	77·9	−1·3	87	23,24	59·2	−0·8	55	20,21	2·02	4·98	+0·58	1·67	4	11	+2·5	4·3	2·9	+0·5	16	0	0	13	11	0	0	0	0	0
Tezpur ...	81·1	−2·4	90	23,24	61·4	−0·9	58	5	0·72	3·66	+1·74	0·78	11	10	+5·5	1·5	1·1	−2·2	11	0	0	5	0	0	0	0	0	0
Tezpur (P. B. O.) ...	81·0	...	89	23	60·3	...	52	24	0·67	3·91	...	1·01	11	9	...	3·8	2·3	...	13	0	0	14	0	0	0	0	0	0
Gauhati ...	81·1	−4·8	89	23,28	60·3	+0·1	56	7,21	1·38	4·68	+2·69	1·72	29	7	+3·2	3·7	2·4	+0·5	13	0	0	2	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	81·2	...	89	23,24	59·4	...	53	7	1·12	6·20	...	1·61	29	11	...	3·9	2·5	...	13	0	2	13	0	0	0	0	0	0
Dhubri ...	80·3	−5·7	88	24	64·1 (a)	+0·9	59	4	2·12	4·45	+2·79	0·96	4	7	+4·5	6·1	5·2	+0·7	9	0	0	6	0	1	0	0	0	0
Silchar ...	84·4	−2·1	94	1	62·6	−0·4	...	...	0·80	3·17	−3·59	1·23	9	7	−1·1	1·5	1·0	−0·9	12	0	0	4	0	0	0	0	0	0
Tura ...	82·4	...	89	3	63·6 (b)	...	54	4	1·12	3·41	...	0·98	17	6	...	4·9	4·6	...	10	0	0	0	0	0	0	0	0	0
Lumding ...	80·5	−7·0	92	31	55·4	−3·8	...	...	...	1·89	+0·09	0·65	28	6	+1·7	...	...	...	...	...	...	...	...	...	...	...	...	...
West Bengal																												
DumDum ...	89·8	...	95	2,7,9	67·6	...	60	4,19	0·11	1·17	...	0·58	24	4	...	7·9	5·7	...	7	0	0	7	7	0	0	0	2	0
Calcutta ...	91·0	−1·5	97	7,9	69·0	+0·2	61	4	0·16	1·41	+0·05	1·00	18	3	+0·7	5·1	3·8	+0·3	12	0	0	0	7	1	0	0	4	0
Saugor Island ...	84·2	−2·4	90	22,26	73·2	−1·0	61	3,	0	1·64	+0·35	0·69	11	3	+1·2	12·6	11·8	+2·2	4	0	0	0	6	1	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0	0·73	−0·09	0·37	24	2	+1·0	...	...	...	3	0	0	0	0	0	0	0	0	0
Midnapore ...	92·8	−2·3	102	30	67·5	−1·9	59	3	0·02	0·68	−0·73	0·56	3	1	−1·4	4·7	3·9	+1·3	5	0	0	3	0	0	0	0	0	0
Contai ...	88·5	...	94	7,22,26	70·3	...	59	4	0·03	0·88	...	0·40	17	4	...	9·5	7·0	...	4	0	0	2	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	0·86	−0·23	0·65	3	2	+0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	91·0	−2·3	99	4 days	66·2	−1·3	60	4	0·32	1·15	−0·41	0·66	10	3	+0·7	6·4	3·1	+1·1	4	0	0	1	1	0	0	0	0	0
Krishnagar ...	91·8	−0·9	101	30	64·5	−1·2	56	4	0·56	1·87	+0·35	0·52	10	5	+2·9	3·9	3·5	+0·6	8	0	0	6	0	0	0	0	0	0
Asansol ...	91·3	−2·5	102	31	66·3	+0·4	59	4	0·32	1·60	+0·78	1·07	3	3	+1·2	5·2	3·3	−0·9	3	0	0	4	0	0	0	0	0	0
Berhampore ...	90·1	−2·0	100	31	64·4	−0·9	56	3	0·44	1·89	+0·85	0·85	11	5	+3·1	3·1	2·1	−0·1	7	0	0	2	0	0	0	0	0	0
Malda ...	87·4	−2·7	100	31	63·0	+1·4	56	13	1·62 (g)	2·22 (h)	+1·45	0·63	24	6	+4·7	5·3	4·2	+0·5	7	0	0	6	0	1	0	0	1	0
Cooch Behar ...	87·7	...	...	...	64·8	...	...	...	0·21	2·27	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	81·5	−3·7	89	24	61·3	+1·0	55	18	0·27	1·80	+0·53	0·52	25	6	+3·7	6·0	4·3	+2·5	9	0	0	5	1	0	0	0	0	0
Bagdogra ...	83·1	...	91	31	58·4	...	52	12	0·46	1·85	...	0·86	25	4	...	5·7	3·8	...	8	0	0	6	0	0	0	0	0	1
Orissa																												
Balasore ...	90·6	−2·1	100	30	68·7	−0·7	57	2	0·91	1·37	−0·47	0·49	17	4	+1·1	8·6	6·0	+2·1	5	0	0	8	0	0	0	0	0	0
Chandbali ...	91·3	−2·3	98	7,30	68·8	−1·9	59	3	0·13	1·44	+0·15	1·00	17	3	+0·9	9·1	6·6	+0·6	3	0	0	1	0	0	0	0	0	0
Puri ...	85·5	−0·8	91	19	75·7	+0·1	70	19	0	0·67	+0·17	0·60	3	1	+0·1	13·6	13·5	+2·9	2	0	0	0	0	0	0	0	0	0
Bhubaneswar ...	92·2	...	98	7	70·4	...	61	3,4	...	1·38	...	0·83	14	3	...	...	10·0	...	6	0	0	4	0	0	0	0	0	0
Cuttack ...	93·4	−3·2	99	30	70·7	−1·1	60	3	...	...	...	...	...	...	...	...	...	...	...	0	0	2	1	1	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0	0·65	...	0·65	3	1	...	4·3	2·9	...	1	0	0	3	1	1	0	0	0	0
Gopalpur ...	87·1	+0·1	92	19	72·0	−0·8	62	21	0·04	0·39	−0·24	0·32	3	1	−0·1	12·6	9·8	0	2	0	0	6	0	0	0	0	0	0
Koraput ...	87·5	...	95	31	61·5	...	51	4	0·25	0·64	...	0·44	13	2	...	...	...	...	3	0	0	0	0	1	0	0	0	0
Angul ...	93·8	−2·0	103	30	67·2	−0·9	58	2,3	0·61	1·09	+0·36	0·76	17	3	+1·3	5·4	4·8	+0·7	4	0	0	6	0	0	0	0	0	0
Sambalpur ...	93·5	−2·2	103	30,31	64·6	−2·2	55	4	0·31	2·09	+1·23	1·10	15	4	+2·3	4·7	2·9	+0·4	6	0	0	3	0	1	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0·09	1·51	...	0·82	16	3	...	...	...	...	4	0	0	4	0	1	0	0	0	0
Titilagarh ...	96·0	...	105	30	67·7	...	57	4	0·12	0·53	...	0·28	3	3	...	3·5	2·5	...	3	0	0	3	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	90·7	...	99	4 days	66·8	...	58	3,4	0·05	0·30	...	0·19	3	1	...	4·0	2·9	...	3	0	0	1	0	0	0	0	0	0
Jamshedpur ...	92·8	−1·2	103	31	67·1	+2·3	58	4	0·13	0·55	−0·17	0·34	3	2	...	4·8	3·7	+1·0	4	0	0	4	0	3	0	0	0	0
Chaibasa ...	93·2	−1·0	105	31	65·2	+0·4	57	4	0·44	0·82	−0·05	0·27	17	4	+2·3	3·3	2·1	+0·1	5	0	0	3	0	0	0	0	0	0
Ranchi ...	87·3	+0·4	97	29,31	61·6	−1·8	53	3	0·24	1·20	+0·01	0·95	3	2	−0·5	4·2	2·3	−2·3	2	0	0	1	0	0	0	0	0	0
Hazaribagh ...	86·2	−1·5	97	31	60·8	−2·3	52	3	0·59	1·15	+0·21	0·54	17	2	+0·1	7·4	5·6	−0·8	4	0	0	7	1	0	0	0	0	0
Hazaribagh(C.W.) ...	86·6	...	97	31	60·4	...	52	4,3,19	0·83	1·06	...	0·48	17	2	...	3·8	2·2	...	5	0	0	4	2	0	0	0	0	0
Daltonganj ...	89·8	−1·4	99	31	60·5	+0·6	52	4	0·44	1·57	+0·90	0·54	16	5	+3·4	4·7	2·7	−0·1	6	0	0	6	0	1	0	0	0	0
Dhanbad ...	90·9	...	102	31	64·9	...	56	4	0·20	0·65	...	0·28	3	3	...	6·3	5·0	...	5	0	0	6	0	0	0	0	0	0
Bihar																												
Purnea ...	86·7	−2·7	97	31	59·3	−0·1	50	12	1·21	1·46	+0·96	1·31	17	2	+0·9	5·0	3·2	+0·4	4	0	0	2	1	0	0	0	0	0
Darbhanga ...	84·4	−4·5	95	30	61·6	+1·1	55	12,15	0	0·50	−0·01	0·50	16	1	−0·1	3·0	1·5	−1·2	1	0	0	0	0	0	0	0	0	0
Motihari ...	85·0	−3·5	97	31	59·0	+0·9	52	11,12,13	0·17	1·20	+0·71	0·56	15	3	+2·1	1·1	1·0	+3·1	3	0	0	3	1	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0·38	...	0·20	17	2	+1·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	1·05	+0·69	0·36	18	4	+3·1	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Mean of 30 days. (b) Mean or total for 29 days. (g) Mean or total for 24 days. (h) Total for 23 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830–1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah ...	...	...	...	...	...	...	...	...	...	1·54	+1·16	0·84	3	3	+2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna ...	88·8	−1·0	99	31	64·5	+0·2	56	3	0·06	0·13	−0·29	0·05	9	0	−1·1	6·2	4·7	+1·2	5	0	0	3	0	0	0	0	0	0
Patna (Aerodrome) ...	89·0	...	103	31	62·1	...	54	3,13	0·07	0·21	...	0·06	16	0	...	6·8	4·1	...	5	0	0	5	0	0	0	0	0	0
Dehri ...	90·7	...	101	31	64·7	...	55	3	0·24	0·29	−0·15	0·17	17	2	+1·0	6·0	3·9	...	2	0	0	1	0	0	0	0	0	0
Gaya ...	91·5	−0·2	102	31	63·6	+0·5	55	3,12	0·02	0·10	−0·39	0·08	9	0	−1·2	5·7	4·6	−0·1	3	0	0	5	1	0	0	0	0	0
Jamui ...	90·6	...	102	31	64·3	...	55	4	0·95	1·13	...	0·96	17	2	...	6·1	4·1	...	4	0	0	0	0	0	0	0	0	0
Dumka ...	91·1	−0·6	101	30,31	71·5	+6·9	64	17	1·18	1·52	+0·61	0·76	17	3	+1·4	4·7	3·5	+1·6	3	0	0	1	0	0	0	0	0	0
Sabour ...	88·7	−1·9	101	31	60·7	+1·5	50	13	0·22	0·48	+0·06	0·20	9	2	+1·1	6·1	4·1	−1·1	5	0	0	6	2	0	0	0	0	0
Bhagalpur ...	89·9	...	102	31	63·9	...	58	13	0·22	0·47	...	0·20	6	2	...	5·8	4·5	...	4	0	0	4	0	0	0	0	0	0
U. P., East																												
Gonda ...	86·4	−3·6	97	30	60·3	+1·2	51	3	1·04	2·36	+2·18	0·79	2	4	+3·2	6·4	4·0	−1·0	4	0	1	4	0	0	0	0	0	0
Gorakhpur ...	86·1	−3·9	97	31	63·4	+2·0	53	3	0·03	2·36	+1·97	1·03	2	4	−3·2	2·9	1·5	−0·8	6	0	0	0	0	0	0	0	0	0
Azamgarh ...	89·1	...	100	30	62·3	...	53	3	0·04	1·56	...	1·11	2	3	...	2·2	1·6	...	3	0	0	0	0	0	0	0	0	0
Banaras ...	91·2	−0·4	100	30	63·1	+1·6	54	3	0·03	1·02	+0·65	1·00	2	1	+0·1	...	...	...	2	0	0	5	0	0	0	0	0	0
Banaras (Babatpur Aerodrome) ...	89·7	...	98	30,31	62·0	...	52	3	0·05	2·06	...	1·23	2	3	...	8·9	6·4	...	4	0	0	4	0	0	0	0	0	0
Allahabad (Bamrauli) ...	89·6	−2·1	99	30	62·8	+1·8	54	3	0·09	1·18	+0·62	1·02	2	2	+0·7	6·4	4·1	+0·3	3	0	0	3	0	0	0	1	0	0
Fatehpur ...	90·3	−0·9	100	30	62·2	+2·0	53	3	0·06	0·45	+0·17	0·37	2	1	+0·1	7·5	4·1	+0·7	2	0	0	3	0	0	0	0	0	0
Banda ...	92·1	...	103	28, 29	62·4	...	51	12	0·15	0·89	...	0·63	2	2	...	4·1	2·3	...	2	0	0	0	0	0	0	0	0	0
Orai ...	91·1	...	101	28, 30	62·6	...	52	3	0	0·03	...	0·03	2	0	...	8·0	5·9	...	1	0	0	0	0	2	0	0	0	0
Kanpur ...	88·7	−0·7	99	30	62·5	+2·4	53	3	0·05	0·79	+0·50	0·50	2	2	+1·2	6·7	5·4	−0·6	3	0	0	2	0	2	0	0	0	0
Lucknow ...	88·7	−2·1	100	30	61·4	+0·8	50	3	1·28	2·19	−1·85	0·87	2	3	+2·1	5·3 (i)	2·4	+0·1	5	0	0	2	0	0	0	0	0	0
Lucknow (Amausi Aerodrome) ...	87·4	...	98	30	59·9	...	51	3	0·74	1·80	...	1·00	2	3	...	6·7	5·4	...	4	0	0	4	0	0	0	0	2	0
Hardoi ...	86·9	...	96	29,30	59·6	...	51	3	0·31	1·03	...	0·67	2	3	...	6·0	4·0	...	3	0	1	0	0	0	0	0	0	0
Lakhimpur Kheri ...	85·4	...	95	30,31	59·1	...	50	12	0·34	1·72	...	0·25	3	4	...	3·7	2·5	...	6	0	0	0	0	0	0	0	0	0
Bahraich ...	86·6	−2·1	98	30	61·0	+2·2	51	3	0·76	1·63	+1·24	0·82	3	3	+2·2	6·3	4·5	+1·7	4	0	0	2	0	0	0	0	0	0
U. P., West																												
Jhansi ...	91·7	−0·7	103	28	62·7	+0·6	54	3	0	0·05	−0·28	0·03	2	0	−0·8	4·2	3·8	+0·6	2	0	0	0	0	0	0	0	0	0
Agra ...	89·1	+0·3	98	27,28	60·6	+2·3	53	3	0	0·22	−0·10	0·22	2	1	+0·2	3·8	2·5	−1·2	1	0	0	3	0	0	0	0	0	0
Mainpuri ...	89·5	+0·5	99	30	59·4	+1·0	52	11	0	0·57	+0·23	0·37	2	2	+1·2	...	...	...	4	0	0	3	0	0	0	0	0	0
Aligarh ...	87·8	+1·7	97	27	58·2	−0·2	51	17	0·84	0·85	+0·02	0·60	2	1	−0·3	...	...	...	3	0	1	4	0	1	0	0	0	0
Bareilly ...	86·3	−0·7	95	30,31	60·0	+1·4	51	3	0·20	1·13	+0·52	0·40	2	4	+2·7	2·6	3·5	+1·0	6	0	0	7	0	0	0	0	0	0
Meerut ...	83·4	−2·5	93	27	57·8	+0·6	52	11,17	...	1·41	+0·81	0·98	2	2	+0·6	...	1·9	...	4	0	0	0	0	0	0	0	0	0
Roorkee ...	81·5	−2·3	89	29,30	56·4	+1·4	49	11,12	0·25	2·18	+1·31	1·34	16	4	+2·4	4·9	3·6	+1·1	10	0	0	7	0	0	0	0	0	0
DehraDun ...	75·8	−3·6	82	29,30, 31	54·1	0	47	4days	0·72	3·28	+2·02	1·60	16	5	+2·3	2·9	2·1	0	8	0	0	8	0	0	0	0	0	0
Punjab (I)																												
New-Delhi ...	85·5	+0·5	95	26	59·6	+2·3	50	17	0·44	1·94	+1·43	1·79	2	1	−0·3	7·3	4·5	...	4	0	1	3	0	2	0	2	4	0
Hissar ...	87·0	−0·8	95	21	56·1	−0·7	45	17	0	0·06	−0·59	0·03	14,28	0	−1·6	5·2	4·9	+0·6	2	0	0	2	0	0	0	0	0	0
Karnal ...	83·3	...	94	27	56·7	...	51	17	0	0·97	...	0·65	16	2	...	4·9	3·3	...	2	0	0	0	0	0	0	0	0	0
Ambala ...	83·7	−0·6	93	29	56·7	+0·2	50	3	0·47	2·13	+1·19	1·54	16	3	+1·2	6·2	5·4	+1·4	3	0	0	1	0	0	0	0	0	0
Patiala ...	82·7	...	94	27	56·5	...	50	3	1·40	1·13	+0·47	0·68	16	2	...	6·7	5·4	...	2	0	0	1	0	0	0	0	0	0
Ludhiana ...	84·5	+1·3	90	4days	58·0	+1·7	52	12,17, 30	1·06	2·87	+1·93	1·60	16	6	+3·2	1·3	0·8	−1·2	8	0	0	6	0	0	0	0	0	0
Ferozepur ...	81·0	...	89	27	53·5	...	43	17	0·43	0·80	...	0·24	17	3	...	...	...	...	6	0	1	2	0	0	0	0	0	0
Amritsar ...	79·3	...	87	27	51·8	...	42	17	0·25	1·56	..	0·73	16	3	...	6·7	6·7	...	7	0	0	4	0	0	0	1	0	0
Pathankot ...	77·5	...	86	29	54·3	...	43	17	1·51	3·76	...	1·52	16	8	...	4·0	3·1	...	12	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar ...	53·5	−3·4	65	26	38·5	+1·5	32	7	1·43 closed	5·04 during	+1·43 winter	1·45 months	7	14	+6·6	2·4	3·3	+0·1	17	2	0	2	0	0	0	0	0	0
Gulmarg ...	...	...	...	...	...	...	...	...	...	12·71	−0·70	1·79	6	15	+2·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	40·8	−0·4	55	28	21·2	+0·2	14	3,17	0·22	0·97	+0·69	0·46	1	2	+1·1	4·4	3·5	+1·5	7	5	0	0	0	0	0	0	0	0
Skardu (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez ...	...	...	...	...	...	...	...	...	...	2·93	−6·19	0·90	13	6	−5·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	70·1	−8·8	81	27,31	57·4	+1·9	51	16	...	2·87	+0·84	0·82	7	6	+2·3	...	...	...	12	0	0	4	0	0	0	0	0	0

[i] Mean of 22 days. (R) Register not Received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	84·3	+1·4	93	21	52·9	+0·7	43	17	0·17	0·17	−0·34	0·17	16	1	−0·4	3·1	3·5	−1·9	1	0	0	0	0	0	0	0	0	0
Bikaner ...	88·9	−0·6	102	27	57·4	−0·8	46	17	0	0	−0·23	0	...	0	−0·6	4·4	3·4	−0·8	0	0	0	2	0	0	0	0	0	0
Jaisalmer ...	84·5	...	101	27	62·2	...	51	2	0	0	...	0	...	0	...	9·4	7·2	...	0	0	0	0	0	0	0	0	0	0
Jodhpur ...	91·4	+0·9	102	28	62·6	+1·1	54	9	0	0	−0·11	0	...	0	−0·2	5·9	4·5	−2·4	0	0	0	1	0	1	0	0	0	0
Phalodoi ...	88·9	...	100	27,28	61·6	...	47	17	0	0·08	−0·06	0·08	15	0	−0·4	7·9	6·6	...	1	0	0	0	0	0	0	0	0	0
Barmer ...	93·5	+3·3	105	28	65·9	+1·7	57	17	0	0	−0·25	0	...	0	−0·6	6·2	5·8	0	0	0	0	0	0	1	0	0	0	0
Rajasthan, East																												
Sikar ...	87·6	...	98	27	63·0	...	51	17	0	0·09	...	0·05	16	0	...	8·2	5·3	...	2	0	0	0	0	0	0	0	0	0
Jaipur ...	88·5	+0·2	101	28	60·3	+1·5	47	17	0	0·09	−0·25	0·06	1	0	−0·9	5·4	4·5	+0·2	3	0	0	4	0	1	0	0	1	0
Jaipur (Sanganer Aerodrome) ...	88·2	...	100	28	60·0	...	47	17	0	0·09	...	0·09	1	0	...	8·8	7·6	...	1	0	0	5	1	1	0	0	0	0
Ajmer ...	87·4	−0·3	98	27	60·5 (a)	+0·3	...	...	0	0·02	−0·21	0·02	22	0	−0·7	7·1	4·9	+1·7	1	0	0	2	0	0	0	0	0	0
Kotah ...	93·0	+0·3	105	28	65·9	+0·7	58	3	0·05	0·05	−0·12	0·05	1	0	−0·5	4·6	3·0	+0·9	1	0	0	0	0	0	0	0	0	0
Jhalawar ...	92·8	+1·4	104	28	61·9	+1·2	54	3,4	0	0	−0·14	0	...	0	−0·6	5·9	3·8	+0·6	0	0	0	2	0	0	0	0	0	0
Udaipur ...	89·0	0	98	28	57·7	−2·7	50	18	0	0	−0·10	0	...	0	−0·3	4·4	2·7	...	0	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	90·2	...	101	28	62·5	...	54	19	1·15	1·23	...	1·17	2	1	0	6·4	4·4	...	2	0	1	2	0	1	0	0	0	0
Sheopur Kalan ...	91·7	...	103	28	60·0	...	51	3,18	0	0·15	...	0·15	1	1	...	3·5	2·5	...	1	0	0	0	0	0	0	0	0	0
Guna ...	92·1	+1·8	103	28	58·7	+1·0	47	17	0	0·15	−0·35	0·15	1	1	+0 1	8·4	4·6	+1·6	1	0	0	1	0	1	0	0	0	0
Neemuch ...	91·3	+0·7	102	28	61·7	+0·6	53	17,18	0·03	0·05	−0·07	0·03	2	0	−0·3	7·0	5·1	0	2	0	1	2	0	0	0	0	0	0
Ratlam ...	92·4	...	106	28	62·6	...	55	4	0	0	...	0	...	0	...	7·6	5·6	...	0	0	0	0	0	0	0	0	0	0
Indore ...	92·2	−1·2	103	28	58·6	−0·7	49	3	0	0	−0·08	0	...	0	−0·3	9·1	5·8	0	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) ...	92·3	+0·7	103	28	61·2	−0·7	51	18	0	0·07	−0·27	0·06	1	0	−0·8	9·9	7·4	+1·3	2	0	0	2	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	91·5	−0·2	103	28	61·6	+2·0	51	3,12, 18	0·05	0·27	−0 03	0·13	1,2	2	+1·2	5·3	2·5	+0·6	3	0	0	4	0	0	0	0	0	0
Sutna ...	91·5	+1·0	101	28	61·0	−0·4	52	18	0	0·54	+0·09	0·31	2	2	+0·9	6·6	4·0	+0·9	3	0	0	3	0	2	0	0	0	0
Umaria ...	91·2	+0·8	103	29	58·8	−0·5	51	4,12, 19	0	0·61	−0·09	0·52	15	1	−0·7	5·1	2·3	−0·6	2	0	0	2	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	94·4	...	104	29,30	64·4	...	53	18	0	1·04	...	1·02	14	1	...	4·9	2·8	...	2	0	0	0	0	0	0	0	0	0
Pendra ...	88·4	+1·1	99	29,30	63·8	+1·4	52	3	0·87	1·39	+0·30	0·80	15	3	+0·7	7·2	4·2	+0·4	3	0	2	4	0	0	0	0	1	0
Raigarh ...	95·1	...	104	29,30, 31	68·1	...	57	3	0·19	0·44	...	0·32	3	2	...	3·7	3·0	...	2	0	0	0	0	0	0	0	0	0
Ambikapur ...	87·7	...	98	29	57·3	...	48	3	0·21	1·05	...	0·86	16	2	...	5·8	3·9	...	5	0	0	5	0	1	0	0	0	0
Champa ...	94·4	...	104	30,31	66·8	...	56	3	0·20	0·36	...	0·20	3	2	...	5·8	4·0	...	3	0	1	2	0	0	0	0	0	0
Raipur ...	93·4	−1·8	104	31	68·2	+0·2	57	3	0·65	1·60	−0·89	0·86	14	3	+1·3	5·9	4·6	+0·4	4	0	1	3	0	0	0	0	0	0
Kanker ...	93·1	−0·4	102	31	64·6	−0·9	53	4	0·02	0·35	−0·50	0·33	14	1	−1·1	5·1	3·6	+0·4	2	0	0	1	0	0	0	0	0	0
Chanda ...	98·2	−0·6	107	30,31	65·0	−2·0	56	3,4	0	0	−0·77	0	...	0	−1·2	3·1	2·4	0	0	0	0	0	0	0	0	0	0	0
Sironcha ...	98·9	...	106	31	70·5	...	57	4	0	0	...	0	...	0	...	5·5	3·8	...	0	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.) ...	93·7	−0 6	100	31	63·8	−1·1	51	4	0·03	0·11	−0·43	0·10	13	1	−0·2	5·3	3·2	...	2	0	0	4	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	92·3	...	101	29	69·5	...	60	3	0	0	...	0	...	0	...	6·7	6·4	...	0	0	0	0	0	0	0	0	0	0
Akola ...	98·0	−0·8	107	29	65·0	−1·0	54	18	0	0	−0·36	0	...	0	−0·7	4·8	2·9	−0·7	0	0	0	0	0	0	0	0	0	0
Amravati ...	96·8	−0·7	107	29	69·1	−0·3	63	20	0	0·28	−0·07	0·28	14	1	+0·2	7·5	5·0	+1·8	1	0	0	2	0	0	0	0	0	0
Yeotmal ...	96·5	...	107	29	69·0	...	62	18	0	0	...	0	...	0	...	2·3	7·5	...	0	0	0	0	0	0	0	0	0	0
Khandwa ...	97·2	−0·2	107	28	63·0	−1·5	51	18	0	0	−0·17	0	..	0	−0·5	6·2	4·5	+0·4	0	0	0	0	0	0	0	0	0	0
Hoshangabad ...	95·3	+1·8	105	28,29	65·6	+0·8	50	0 18	0	0	−0·24	0	...	0	−0·6	4·8	3·2 (g)	+1·0	0	0	0	1	0	0	0	0	0	0
Sagar ...	90·0	−0·6	101	28	64·8	0	53	3	0	0·11	−0·22	0·06	14	0	−0·9	12·8	11·1	+1·1	3	0	0	2	0	0	0	0	0	0
Jabalpur ...	93·4	+1·8	105	29	60·0	+1·2	51	18	0	0·15	−0·41	0·15	2	1	−0·4	5·8	3·5	+1·5	1	0	0	2	0	0	0	0	0	0
Mandla ...	91·6	...	102	29	54·8	...	46	4,18	0·06	0·09	...	0·06	3	0	...	3·4	1·5	...	2	0	0	2	0	0	0	0	0	0
Seoni ...	91·7	−0·2	100	5days	62·6	−0·1	52	19	0·36	1·03	+0·24	0·88	14	2	0	6·0	3·8	+0·9	3	0	0	2	0	0	0	0	0	0
Chhindwara ...	89·9	...	100	29	61·5	...	53	4,18	0	0·57	...	0·47	14	2	...	6·3	3·8	...	2	0	1	2	0	0	0	0	0	0
Betul ...	91·2	...	102	29	58·5	...	49	3,18	0·06	0·20	...	0·13	4	1	...	5·8	3·6	...	3	0	0	2	0	0	0	0	0	0
Nagpur ...	96·9	0	107	30	64·2	−2·5	57	4,19	0	0·58	−0·02	0·58	14	1	−0·5	6·5	4·3	...	1	0	0	2	0	0	0	0	1	0
Gujarat																												
Deesa ...	94·8	...	104	29	61·5	...	52	17	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	97·5	+1·4	106	21,27	67·1	+0·1	61	4	0	0	−0·01	0	...	0	−0·1	5·2	4·3	+1·0	0	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days. (g) Mean of 24 days.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—MARCH 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean Minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat–*contd.*																												
Ahmedabad ...	96·7	−0·3	107	29	64·9	+0·5	57	17	0	0	−0·05	0	...	0	−0·2	7·1	4·5	−0·2	0	0	0	0	0	0	0	0	0	0
Dohad ...	94·7	+0·4	105	28,29	66·6	+2·7	57	18	0	0	−0·06	0	...	0	−0·2	9·7	8·7	+5·4	0	0	0	0	0	0	0	0	0	0
Baroda ...	98·1	+2·0	107	27,30	62·1	+2·2	53	18	0	0	−0·02	0	...	0	0	3·1	2·1	−0·6	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	97·1	...	105	27,29 30	64·7	...	58	18	0	0	...	0	...	0	...	5·3	4·2	...	0	0	0	0	0	0	0	0	0	0
Broach ...	99·3	...	108	27,28 30	66·4	...	61	18	0	0	...	0	...	0	...	5·3	4·5	...	0	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	93·3	+0·5	103	30	65·5	+1·2	61	4,5,19	0	0	−0·11	0	...	0	−0·2	6·1	4·7	−0·9	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	5·2	3·6	...	0	0	0	0	1	0	0	0	0	0
Dwarka ...	82·3	0	91	19	71·6	+1·0	65	19	0	0	−0·11	0	...	0	−0·2	10·7	10·4	+1·0	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	90·7	−1·0	100	30	63·3	+0·8	55	19	0	0	−0·08	0	...	0	−0·1	...	...	...	0	0	0	0	1	0	0	0	0	0
Rajkot ...	95·3	+0·2	104	29	63·3	+1·2	55	19	0	0	−0·06	0	...	0	−0·1	10·7	8·9	+2·9	0	0	0	0	1	0	0	0	0	0
Rajkot (Aerodrome) ...	94·8	...	104	29	62·1	...	54	17	...	0	...	0	...	0	...	...	10·1	...	0	0	0	0	3	0	0	0	0	0
Veraval ...	88·5	...	100	21	63·2	...	56	17	0	0	−0·05	0	...	0	−0·1	14·4	11·6	+5·1	0	0	0	0	2	0	0	0	0	0
Bhavnagar ...	96·9	+1·2	107	28,30	66·3	+0·7	58	19	0	0	−0·11	0	...	0	−0·2	6·7	5·4	+0·6	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	94·5	...	102	29,30	66·5	...	58	27	...	0	...	0	...	0	...	...	10·5	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	86·0	...	97	28	70·7	...	67	4	0	0	...	0	...	0	...	11·8	8·3	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	88·5	+2·3	100	20	71·6	−0·3	69	1,3,12	0	0	−0·05	0	...	0	−0·1	8·4	6·5	−0·7	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome) ...	89·6	+1·5	103	20	64·6	−1·5	59	4	0	0	−0·05	0	...	0	−0·1	...	...	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Juhu Aerodrome) ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	9·3	5·4	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	86·0	+0·6	95	5,28	68·7	−0·7	65	1,2,21	0	0	−0·02	0	...	0	−0·1	...	4·1	−1·9	0	0	0	0	0	0	0	0	0	0
Harnai ...	83·2	...	89	19	73·2	...	69	2	0	0	...	0	...	0	...	12·1	9·9	...	0	0	0	0	13	0	0	0	0	0
Ratnagiri ...	87·6	...	101	20	70·5	...	66	4,11	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Devgad ...	86·6	...	95	20	73·5	...	70	2,3	0	0	...	0	...	0	...	11·6	9·7	...	0	0	0	0	0	0	0	0	0	0
Vengurla ...	88·6	...	98	15	69·2	...	64	10	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Marmagao ...	85·3	−0·1	88	4 days	74·3	−0·1	70	17	0	0	−0·01	0	...	0	−0·1	9·6	7·6	+1·2	0	0	0	0	3	0	0	0	0	0
Honavar ...	89·1	...	92	29,30	72·4	...	68	3,11,17	0	0	−0·05	0	...	0	−0·1	4·2	3·1	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon ...	99·4	...	109	29	63·2	...	55	4,21	0	0	−0·15	0	...	0	−0·5	6·8	5·2	...	0	0	0	0	0	0	0	0	0	0
Malegaon ...	97·3	−0·2	106	29,30	60·3	−2·4	52	19	0	0	−0·08	0	...	0	−0·3	5·4	3·8	−1·3	0	0	0	0	0	0	0	0	0	0
Deolali ...	93·5	...	103	29	58·4	...	52	4,20	...	0	...	0	...	0	...	...	4·1	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar ...	95·5	+0·1	103	29	61·3	−1·8	54	2	0	0	−0·21	0	...	0	−0·3	6·2	4·8	−0·5	0	0	0	0	0	3	0	0	0	0
Poona ...	96·0	−0·9	104	29	59·4	−2·3	54	2,4	0	0	−0·06	0	...	0	−0·2	3·1	1·9	−3·2	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	95·6	...	103	29	60·5	...	53	2,5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur ...	97·7	...	104	30	61·8	...	53	4	0	0	...	0	...	0	...	6·4	5·2	...	0	0	0	0	0	0	0	0	0	0
Sholapur ...	98·5	−0·6	104	30,31	66·5	−2·8	58	3	0	0	−0·23	0	...	0	−0·5	6·8	5·5	−0·2	0	0	0	0	0	0	0	0	0	0
Miraj ...	97·2	+1·6	102	29	62·4 (a)	−2·1	56	4	0	0	−0·15	0	...	0	−0·7	7·1	6·1	+0·8	0	0	0	0	0	0	0	0	0	0
Kolhapur ...	96·0	...	102	28	63·0	...	...	...	0	0	...	0	...	0	...	7·2	6·5	...	0	0	0	0	0	0	0	0	0	0
Bijapur ...	96·8	−0·2	101	4 days	68·1	−2·1	59	3	0	0	−0·21	0	...	0	−0·6	5·7	4·2	+0·2	0	0	0	0	0	0	0	0	0	0
Belgaum ...					(a)																							
Gadag ...	93·2	−0·4	97	26,29	60·8	−2·8	55	2	0	0	−0·41	0	...	0	−0·9	3·9	3·8	+0·5	0	0	0	0	0	0	0	0	0	0
	96·9	+1·4	100	4 days	68·3	−0·5	62	17	0	0	−0·22	0	...	0	−0·7	5·1	4·7	−0·2	0	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	95·7	−0·2	104	29	65·1	−1·8	56	2	0	0	−0·20	0	...	0	−0·5	7·7	7·0	+0·8	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	95·0	...	103	30	60·0	...	51	3	0	0	...	0	...	0	...	7·7	6·0	...	0	0	0	0	0	0	0	0	0	0
Parbhani ...	97·7	...	105	29,30	64·3	...	56	4	0	0	−0·27	0	...	0	−0·5	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam ...	98·8	...	104	31	71·2	...	58	4	0	0	...	0	...	0	...	5·0	4·7	...	0	0	0	0	0	0	0	0	0	0
Nizamabad ...	97·3	−1·0	105	30,31	65·9	−3·0	55	19	0	0	−0·40	0	...	0	−0·8	5·3	3·5	+0·8	0	0	0	0	0	0	0	0	0	0
Bidar ...	94·3	−0·6	100	31	70·9	−0·8	63	1	0	0	−0·42	0	...	0	−1·2	8·6	6·8	+0·6	0	0	0	0	0	0	0	0	0	0
Hyderabad, South																												
Gulbarga ...	98·5	−0·6	104	31	68·6	−1·9	60	4	0	0	−0·37	0	...	0	+0·8	7·5	5·2	−0·5	0	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South–*Contd.*																												
Raichur ...	97·9	−0 6	102	31	73·5	−0·3	65	3	0	0	−0·14	0	...	0	−0·4	6·7	6·0	+0·5	0	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	96·3	−0·4	101	29,30,	66·2	−2·2	58	4	0·13	0·21	−0·25	0·21	31	1	+0·1	6·2	4·6	+0·9	1	0	0	2	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	94·6	...	100	30	65·6	...	56	4	0	0	...	0	...	0	...	7·8	6·0	...	0	0	0	1	0	0	0	0	0	0
Hanamkonda ...	95·3	−0·7	100	10	70·8	−0·4	61	4	0	0	−0·46	0	...	0	−0·8	7·2	6·4	+1·2	0	0	0	0	0	0	0	0	0	0
Khammameth ...	97·8	...	102	31	73·2	...	61	1	0	0·29	...	0·29	16	1	...	6·4	5·8	...	1	0	0	1	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	94·8	+0·5	101	31	73·0	+0·1	68	1	0	0	−0·17	0	...	0	−0·3	8·3	6·2	+1·9	0	0	0	0	0	0	0	0	0	0
Ongole ...	91·1	...	94	4,11,31	74·6	...	67	1	0	0	...	0	...	0	...	9·0	5·6	...	0	0	0	0	0	0	0	0	0	0
Gannavaram ...	96·4	...	101	26	72·4	...	63	1	0	0	...	0	...	0	...	9·4	6·8	...	0	0	0	0	1	0	0	0	0	0
Masulipatam ...	89·6	−0·9	93	11	73·7	+1·4	66	1	0	0	−0·42	0	...	0	−0·5	10·3	7·3	+3·0	0	0	0	0	0	0	0	0	0	0
Kakinada ..	90·6	−1·2	95	4 days	73·4	−0·1	65	1	2·65	2·65	+2·17	2·65	18	1	+0·3	8·1	6·1	+1·6	1	0	0	0	0	0	0	0	0	0
Visakhapatnam ...	91·9	−1·8	96	18	72·4	−0·4	58	1	0	0	−0·47	0	...	0	−0·8	9·3	6·2	+1·1	0	0	0	0	0	0	0	0	0	0
Calingapatam ...	88·0	−2·6	91	4 days	71·9	−0·9	61	1	0	0·63	+0·19	0·60	3	1	+0·4	9·1	6·9	+0·6	2	0	0	1	1	0	0	0	0	0
Rentachintala ...	100·4	+1·0	106	31	73·5	−2·1	60	1	0	0	−0·09	0	...	0	−0·3	6·4	5·5	−0·3	0	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	91·9	...	97	31	67·5	...	62	1	0·52	0·56	...	0·52	16	1	...	8·1	5·7	...	2	0	0	0	0	0	0	0	0	0
Cuddapah ...	100·8	−0·1	105	30,31	76·3	+1·5	71	1	0	0	−0·18	0	...	0	−0·3	4·2	3·4	−4·2	0	0	0	0	0	0	0	0	0	0
Bellary ...	97·8	−1·7	101	4 days	73·0	+0·7	65	1	0	0	−0·21	0	...	0	−0·6	4·2	3·0	−0·3	0	0	0	0	0	0	0	0	0	0
Kurnool ...	99·5	−0·5	104	31	70·8	−1·2	59	3	0	0	−0·21	0	...	0	−0·4	6·0	4·7	+0·8	0	0	0	0	0	0	0	0	0	0
Anantapur ...	98·3	...	102	30,31	70·9	...	64	1,3,5	0	0	−0·15	0	...	0	−0·3	5·6	5·3	...	0	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	97·5	...	102	26,31	76·5	...	71	6	0·10	0·10	−0·94	0·10	18	1	−1·0	6·7	5·0	...	1	0	0	0	0	0	0	0	0	0
Pamban ...	87·8	−0·8	90	21,27	77·2	+0·5	72	7	0	0	−0·72	0	...	0	−1·4	8·1	6·9	+1·4	0	0	0	0	0	0	0	0	0	0
Mathurai ...	95·5	+0·2	99	25	74·5	+2·0	69	6	0	0·06	−0·64	0·04	24	0	−1·0	3·9	3·0	−0·4	2	0	0	2	0	0	0	0	0	0
Nagapattinam ...	86·2	−2·0	89	25,26	76·9	+0·6	70	6,7	0	0	−0·79	0	...	0	−1·0	8·1	8·8	+2·5	0	0	0	0	0	0	0	0	0	0
Tiruchirapalli ...	96·0	−0·4	101	26	73·6	+1·4	68	5,6	0	0	−0·36	0	...	0	−0·7	4·9	4·9	+0·2	0	0	0	0	0	0	0	0	0	0
Coimbatore ...	94·0	−1·4	98	11,31	72·6	+2·4	67	9	0·07	0·50	0	0·45	16	1	+0·1	5·4	4·3	+1·8	2	0	0	0	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	95·4	...	99	12,31	70·6	...	63	4	0	0·28	...	0·23	17	1	...	7·3	7·7	...	2	0	0	2	0	0	0	0	1	0
Salem ...	98·2	+0·2	101	6 days	73·5	+2·1	67	8	0·10	0·10	−0·39	0·10	17	1	+0·1	5·8	6·8	+2·3	1	0	0	0	0	0	0	0	0	0
Kallakurichi ...	96·2	...	101	26,31	72·5	...	66	6	0·14	0·14	...	0·14	18	1	...	...	...	...	1	0	0	1	0	0	0	0	0	0
Cuddalore ...	87·3	−1·1	90	26,27,	72·3	−0·4	67	4 days	0	0	−0·69	0	...	0	−0·6	6·9	6·5	+2·4	0	0	0	0	0	0	0	0	0	0
Vellore ...	95·1	+0·9	100	25,26	71·4	+1·6	61	8	0	0	−0·27	0	...	0	−0·5	7·3	4·7	+1·6	0	0	0	0	0	0	0	0	0	0
Madras ...	91·0	−0·4	94	25,26, 31	74·3	+1·9	69	8	0	0	−0·29	0	...	0	−0·4	10·1	7·6	+0·1	0	0	0	1	0	0	0	0	0	0
Madras (Nungambakkam) ...	89·2	...	91	5 days	72·9	...	66	6	...	0	...	0	...	0	...	...	4·3	...	0	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	88·3	−1·3	91	21	75·6	−0·1	72	18	0	0	−0·21	0	...	0	−0·3	6·3	5·7	+0·8	0	0	0	0	0	0	0	0	0	0
Kozhikode ...	91·8	+1·7	94	20,31	76·3	+0·2	73	1	0	0·27	−0·41	0·27	22	1	+0·2	10·0	8·0	+1·4	1	0	0	2	0	0	0	0	0	0
Palghat ...	98·0	...	102	27,28, 29	76·2	...	70	1	0·33	0·35	...	0·32	16	1	...	6·1	5·2	...	2	0	0	2	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	94·0	−0·9	97	29,30, 31	69·5	−0·9	65	8	0	0	−0·17	0	...	0	−0·4	4·8	3·6	−0·3	0	0	0	0	0	0	0	0	0	0
Shimoga ...	95·6	...	99	29	64·9	...	59	18	0	0	...	0	...	0	...	4·0	3·1	...	0	0	0	1	3	0	0	0	0	0
Hassan ...	91·3	−0·3	95	29,30	64·6	+1·4	62	7 days	0	0	−0·37	0	...	0	−0·6	4·8	4·5	+1·3	0	0	0	0	0	0	0	0	0	0
Bangalore (Central Observatory) ...	90·7	+0·4	94	30,31	66·8	+2·3	61	1	0	0	−0·40	0	...	0	−0·8	5·5	5·2	+0·7	0	0	0	0	0	0	0	0	0	0
Bangalore (Aerodrome) ...	91·1	...	95	30	66·3	...	61	1,5	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Mysore ...	92·5	−1·2	96	29	69·5	+1·9	66	9	0	0	−0·51	0	...	0	−0·8	6·0	4·8	+0·2	0	0	0	0	0	0	0	0	0	0
Balehonnur ...	88·0	+0·5	92	27,29	61·6	−1·2	57	2	...	0	−1·24	0	...	0	−1·8	...	...	...	0	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	87·7	−0·2	91	21,29	78·8	+0·8	74	15	0	2·60	+0·59	2·40	15	2	−0·8	9·4	7·3	+1·8	3	0	0	1	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	89·2	...	92	29	76·6	...	71	3	0	0·86	...	0·71	15	2	...	6·5	4·1	...	3	0	0	4	0	0	0	0	0	0
Alleppey ...	90·9	...	94	22	77·6	...	75	1,22	0	1·32	...	1·02	22	2	...	10·9	7·7	...	6	0	0	2	0	0	0	0	0	0
Trivandrum ...	90·5	+0·2	92	4 days	76·3 (a)	+0·8	72	1	0·23	0·57	−0·97	0·40	16	2	−0·5	6·9	4·6	+0·8	3	0	0	6	0	0	0	0	0	0
Nagercoil ...	93·5	...	97	18	76·7	...	...	...	1·46	1·46	...	1·29	19	2	...	7·7	5·2	...	2	0	0	7	0	0	0	0	0	0

(a) mean of 30 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena—No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	76·9	...	82	5days	59·5	...	50	25	0·41	1·67	...	0·72	25	6	0	6·9	6·8	...	11	0	0	6	0	0	0	0	0	0
Shillong ...	67·7	-2·7	75	9	49·4	-1·4	41	19	1·10	3·34	+1·37	0·83	17	7	+3·1	4·4	3·7	-0·5	13	0	0	2	2	0	0	0	0	0
Cherrapunji ...	66·8	-1·9	75	3,23	53·1	-1·8	45	4	1·66	7·56	+0·29	2·33	9	9	+1·8	8·9	7·7	+1·1	10	0	0	10	3	0	0	0	0	0
Darjiling ...	54·7	-0·7	63	31	41·7	-1·3	35	4,25	1·59	3·19	+1·31	0·82	25	10	+6·4	6·8	6·9	+1·9	13	1	6	7	10	0	0	0	0	0
Darjiling (Raj Bhawan)	56·4	...	63	31	43·3	...	37	4	0·83	1·93	...	0·88	25	7	...	2·6	2·2	...	9	0	1	3	31	0	0	0	0	0
Kalimpong ...	66·8	-2·6	73	22,24	52·2	-2·4	47	18,25	0·10	2·35	+1·24	0·94	25	5	+2·0	4·6	3·6	-4·1	5	0	0	0	2	0	0	0	0	0
Katmandu ...	72·5	-4·9	84	31	45·5	+0·1	39	18	0·69	2·81	+2·23	0·83	17	5	+3·3	2·2	1·2	-0·2	8	0	0	9	3	0	0	0	0	0
Mukteswar (Kumaon)	56·7	-2·6	65	27,31	40·2	-2·4	32	2,23	0·83	3·05	-1·15	0·95	2	4	-0·1	10·1	9·7	+3·4	13	0	1	9	4	0	20	0	0	0
Lokpal ...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	6·52	...	2·30	16	10	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mussooree ...	57·9	-1·8	69	27	42·4	-2·4	31	17	0·89	3·54	+1·28	1·45	16	9	+5 3	4·4	5·6	+0·9	12	0	0	7	2	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	6·95	...	1·90	16	13	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rana ...	...	...	...	...	...	...	...	...	...	6·22	...	1·75	16	13	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Simla ...	54·4	-2·6	63	21,26	41·6	-2·0	29	16,17	0·44	3·03	+1·28	1·45	16	8	+3·3	4·1	3·4	+0·6	14	2	1	5	0	0	10	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	4·30	+2·41	2·20	16	8	+5·1	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kyelang ...	...	...	...	...	...	...	...	...	...	9·20	+5·36	1·76	15	12	+4·5	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gondla ...	...	...	...	...	...	...	...	...	...	10·17	...	3·55	15	13	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kothi ...	...	...	...	...	...	...	...	...	...	21·90	...	3·20	27	17	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Koksar ...	...	...	...	...	... [d]	...	...	...	...	11·39	...	3·25	16	11	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dalhousie ...	58·9	...	70	27	43·0	...	...	...	1·95	7·59	+3·72	2·75	13	8	+2·1	2·6	3·5	...	9	2	0	0	2	0	0	0	0	0
Dharamshala ...	65·2	...	77	27	52·7	...	42	16	1·11	6·77	...	2·82	16	8	...	...	...	...	10	0	1	5	0	0	0	0	0	0
Pachmarhi ...	84·3	+0·2	95	29	59·5	+0·1	48	3	0·02	0·02	+0·54	0·02	14	0	-1·3	4·7	3·5	0	1	0	0	2	0	0	0	0	0	0
Abu ...	77·4	+0·8	88	26	60·7	-0·3	52	7	0	0	-0·17	0	...	0	-0·5	4·0	4·0	-1·1	0	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	84·0	+1·6	91	28	62·7	+0·1	54	2,16	0	0	-0·17	0	...	0	-0·4	5·8	6·5	-0·1	0	0	0	0	0	0	0	0	0	0
Nandi Hills ...	82·9	...	87	29,30	62·3	...	59	5days	...	0	...	0	...	0	...	0	...	...	0	0	0	0	0	0	0	0	0	0
Mercara ...	82·9	-1·3	87	29	61·3	-0·3	56	1	0	0	-0·76	0	...	0	-1·6	5·9	5·1	+2·0	0	0	0	0	0	0	0	0	0	0
Kodaikanal ...	66·5	+0·3	70	11,12, 31	50·8	+0·6	44	5	1·00	1·31	-0·50	0·76	26	3	-0·1	9·4	8·6	+0·4	4	0	0	5	0	0	0	0	0	0
Ootacamund ...	70·0	0	75	31	46·7	-1·2	39	1	0·02	0·09	-1·19	0·09	19	0	-2·6	2·9	2·3	-1·0	1	0	0	0	0	0	0	0	0	0
Coonoor ...	68·5	-4·4	74	13	55·4	+3·1	52	5,21	...	0·79	-2·45	0·58	3	2	-0·8	...	5·9	+2·4	3	0	0	4	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chungthang ...	...	...	...	...	...	...	...	...	...	1·48	...	0·50	31	7	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Lachen ...	40·5	...	45	31	22·6	...	20	4 days	...	7·00	...	1·15	2	12	...	...	...	...	...	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tibet																												
Yatung (Chumbi) ...	51·2	-0·4	53	4 days	23·0	-4·5	12	1	...	3·75	+1·69	0·50	2	13	+7·6	...	...	...	13	11	0	0	7	0	0	0	0	0
Lhasa ...	51·9	...	64	28,29	25·2	...	18	4,12	...	0	...	0	...	0	...	...	2·1	...	0	0	0	0	0	0	0	0	0	0
Gyantse ...	47·3	-2·4	61	28	18·0	-0·4	5	12	...	0	-0·13	0	...	0	-0·5	...	5·2	0	0	1	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	88·3	-0·6	91	5,30	73·9	-0·3	69	10	0	0·26	-4·02	0·14	17	1	-5·1	...	...	...	6	0	0	1	0	0	0	0	0	0
Trincomalee ...	85·7	-2·3	94	25	76·9	+0·8	72	10	0	0·13	-1·83	0·11	2	1	-1·7	...	...	...	2	0	0	0	0	0	0	0	0	0
Batticoloa ...	85·4	...	88	26	75·4	...	71	11	0	1·11	...	1·09	13	1	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Hambantota ...	87·9	+1·0	94	21	75·0	+1·0	73	1,10	0·01	3·79	+0·33	2·98	30	2	-3·0	...	...	...	4	0	0	2	0	0	0	0	0	0
Mannar ...	89·7	...	94	21	75·1	...	69	6	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar Catchment																												
Bokaro ...	90·7	...	103	31	60·6	...	52	4	1·14	1·60	...	0·75	17	3	...	6·5	4·2	...	4	0	0	6	0	0	0	0	0	0
Hazaribagh ...	85·0	...	95	31	60·6	...	51	3	0·74	0·99	...	0·62	3	2	...	8·2	5·1	...	5	0	0	4	2	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	89·2	...	102	9,30	63·4	...	51	4days	0	1·63	...	1·04	13	2	...	3·9	1·6	...	5	0	0	0	0	0	0	0	0	0
Hirakud ...	94·5	...	104	31	66·7	...	60	5	0·38	1·15	...	0·51	15	4	...	3·6	3·5	...	7	0	0	0	0	0	0	0	0	0
Barkachhar ...	95·9	...	103	4 days	63·9	...	52	4	0·14	0·14	...	0·14	3	1	...	7·1	3·3	...	1	0	0	0	0	0	0	0	0	0
Sonepur ...	89·6	...	105	31	68·1	...	60	3,19	...	0·67	...	0·30	3	2	...	...	3·0	...	4	0	0	0	0	0	0	0	0	0
Ginabahar ...	88·3	...	100	31	57·0	...	51	4,19	...	0·86	...	0·47	5	2	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Jonk ...	93·8	...	105	30	65·8	...	54	4	0·26	0·66	...	0·36	16	1	...	4·0	2·5	...	4	0	0	6	0	1	0	0	0	0

[d] Mean of 27days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	64·5	...	77	27,28	43·8	...	30	17,18, 19	...	6·99	...	2·24	23	9	...	...	...	...	13	0	0	0	0	0	0	0	0	0
Badrinath ...	...	...	...	...	...	closed	dur-	-ing	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa ...	97·4	...	107	28,29, 30	62·5	...	53	18	0	0	...	0	...	0	...	6·1	4·0	...	0	0	0	0	0	0	0	0	0	0
Bagra Tawa ...	95·1	...	105	29	62·2	...	52	18	0	0	...	0	...	0	...	5·9	3·0	...	0	0	0	1	0	0	0	0	0	0
Thikri ...	97·7	...	107	28,30	65·3	...	60	12,16	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	98·5	...	107	28,29	71·0	...	65	4,19	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																												
Jhadol ...	89·9	...	100	30	52·3	...	44	3,6	...	0	...	0	...	0	...	...	0	...	0	0	0	0	0	0	0	0	0	0
Dharoi ...	95·0	...	105	29	63·3	...	52	5	..	0	...	0	...	0	...	...	0	...	0	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1009·6	1000·5	...	74·9	73·6	72·9	27·4	94	...	4·4	...	2·1	0	0	21	3	3	2	1	0	3	5	4	10
	0830	,,	1011·3	1002·5	-0·7	83·7	76·9	73·6	28·2	72	0	5·1	+2·2	5·2	0	0	31	8	10	6	2	0	1	4	0	0
	1130	,,	1010·2	1001·5	...	86·2	77·2	72·7	27·8	65	...	4·6	...	6·5	0	0	31	2	14	12	1	0	1	1	0	0
	1730	,,	1008·6	999·7	...	81·0	75·5	72·8	27·7	76	...	5·6	...	4·5	0	0	29	0	13	10	1	0	2	2	1	2
	2330	,,	1010·4	1001·4	...	77·2	74·8	73·6	28·2	89	...	3·7	...	3·3	0	0	25	4	9	1	2	0	2	5	2	6
Assam																										
Dibrugarh ...	0830	348	1013·2	1001·0	-0·4	70·2	64·2	60·0	17·8	72	- 4	5·5	+1·3	1·8	0	0	25	4	7	7	1	1	2	0	3	6
	1730	,,	1009·9	996·9	...	71·0	65·3	61·7	19·0	74	...	4·8	...	1·2	0	0	16	0	5	4	1	4	0	1	1	15
Dibrugarh(Mohanbari Aerodrome) ...	0530	364	1012·0	998·9	...	59·6	58·3	57·0	15·9	92	...	5·2	...	1·2	0	0	12	1	6	1	0	2	2	0	0	19
	0830	,,	1013·6	1000·7	...	69·1	62·7	58·3	16·5	70	...	5·1	...	3·2	0	0	30	0	19	8	1	1	1	0	0	1
	1130	,,	1012·2	999·5	...	75·0	64·4	56·5	16·0	56	...	4·9	...	4·3	0	1	28	2	20	2	0	0	3	2	0	2
	1730	,,	1009·0	996·6	...	71·0	64·1	59·0	17·2	68	...	5·1	...	1·9	0	0	16	1	9	1	0	1	3	1	0	15
	2330	,,	1011·6	998·6	...	62·7	60·6	58·8	17·2	88	...	4·5	...	1·7	0	0	12	0	7	3	0	0	1	1	0	19
Sibsagar ...	0830	317	1013·5	1002·4	+0·2	71·5	64·2	61·1	16·9	76	- 5	5·2	+0·2	2·5	0	0	29	9	8	1	4	3	1	0	3	2
	1730	,,	1009·5	998·1	...	71·7	65·8	62·2	18·9	73	...	4·7	...	2·6	0	0	27	7	8	1	2	2	1	1	5	4
Tezpur ...	0830	258	1012·9	1003·8	-0·5	68·7	63·8	61·0	17·9	76	+ 5	3·8	+1·3	2·1	0	0	29	0	5	20	2	0	0	2	0	2
	1730	,,	1008·7	999·7	...	76·4	66·7	60·2	18·2	60	...	3·2	...	1·2	0	0	17	0	2	11	0	0	0	3	1	14
Tezpur (P.B.O.) ...	0530	257	1011·4	1002·2	...	61·4	59·6	58·2	16·4	90	...	5·2	...	1·7	0	1	9	1	4	2	1	0	1	1	0	31
	0830	,,	1013·6	1004·4	...	69·5	63·6	59·4	17·3	72	...	4·2	...	3·4	0	0	28	2	14	9	2	1	0	0	0	3
	1130	,,	1012·1	1003·1	...	76·2	66·0	58·8	17·5	58	...	3·8	...	5·0	0	0	29	0	6	14	4	0	4	1	0	2
	1730	,,	1008·9	999·9	...	74·5	65·9	59·9	18·0	63	...	4·1	...	1·2	0	0	11	1	5	3	1	0	1	0	0	20
	2330	,,	1011·3	1001·1	...	65·2	62·3	60·1	17·7	85	...	3·8	...	1·9	0	0	12	2	6	2	0	0	2	0	0	19
Gauhati ...	0830	182	1012·9	1006·5	+0·3	69·3	64·4	61·0	18·3	76	+ 6	3·5	+1·2	2·3	0	0	29	6	7	4	5	3	1	2	1	2
	1730	,,	1007·7	1001·4	...	76·9	67·4	61·2	18·6	60	...	3·5	...	1·0	0	0	15	0	7	1	2	2	2	1	0	16
Gauhati (Kaikuchi Aerodrome) ...	0530	162	1010·4	1004·6	...	61·2	59·9	58·8	16·9	93	...	4·0	...	2·6	0	1	15	2	7	0	1	1	3	0	2	15
	0830	,,	1012·6	1006·9	...	69·7	64·5	61·0	18·6	75	...	3·5	...	3·7	0	0	26	1	17	1	1	1	1	1	3	5
	1130	,,	1012·2	1005·6	...	76·8	67·3	61·3	18·5	61	...	3·0	...	5·4	0	0	30	4	20	2	0	1	0	3	1	
	1730	,,	1008·0	1002·3	...	75·0	67·3	62·5	19·6	66	...	3·3	...	1·7	0	0	12	1	8	0	1	0	1	1	0	19
	2330	,,	1010·4	1004·6	...	64·3	62·5	61·2	18·3	90	...	2·3	...	2·5	0	1	16	2	5	0	0	2	4	2	2	14
Dhubri ...	0830	115	1012·9	1008·8	+0·5	69·1	65·0	62·3	19·3	80	+14	4·2	+2·4	7·7	0	1	30	2	21	5	0	0	2	0	1	0
	1730	,,	1003·7	1004·7	...	76·7	67·7	62·1	19·1	62	...	3·4	...	3·9	0	3	21	4	8	1	1	0	4	5	1	7
Silchar ...	0830	96	1013·0	1009·6	-0·4	71·4	65·5	61·5	18·7	71	- 1	3·3	+0·6	1·1	0	0	16	0	2	10	4	0	0	0	0	15
	1730	,,	1008·5	1005·2	...	78·9	68·3	61·6	19·0	57	...	3·2	...	0·2	0	0	2	0	0	1	0	0	1	0	0	29
Tura ...	0830	1,215	1013·2	970·8	...	70·1	63·7	59·1	17·2	69	...	4·5	...	2·5	0	0	24	0	3	3	6	4	5	1	2	7
	1730	,,	1008·5	967·0	...	76·0	70·3	67·2	23·0	75	...	2·7	...	3·7	0	1	27	0	8	3	7	2	6	1	1	3
Lumding ...	0830	...	...	...	...	71·5	65·2	61·0	18·1	71	- 5	...	...	3·9	0	0	31	4	6	0	5	3	4	2	7	0
West Bengal																										
Dum Dum ...	0530	33	1009·2	1008·1	...	68·1	65·8	64·3	20·4	88	...	2·3	...	3·2	0	0	25	5	0	2	2	9	2	3	2	6
	0830	,,	1011·2	1010·2	...	77·1	69·8	65·3	21·3	68	...	2·5	...	5·8	0	0	28	2	4	1	2	6	9	1	3	3
	1130	,,	1010·7	1009·6	...	85·8	69·8	59·1	17·6	42	...	2·8	...	9·5	0	6	25	5	1	0	2	9	10	1	3	0
	1730	,,	1007·3	1006·2	...	84·3	69·1	58·6	17·7	44	...	3·1	...	7·3	0	4	26	3	1	0	0	11	9	1	5	1
	2330	,,	1009·7	1008·6	...	73·1	68·3	65·2	21·2	77	...	1·5	...	5·9	0	1	28	1	1	2	5	9	8	1	2	2
Calcutta ...	0830	21	1011·5	1010·8	-0·4	77·6	70·6	64·4	22·4	70	- 6	2·5	+0·3	3·0	0	0	25	1	1	2	3	6	7	2	3	6
	1730	,,	1007·5	1006·8	...	84·3	70·1	62·5	19·0	48	...	2·8	...	2·3	0	0	19	1	0	0	2	10	2	1	3	12
Saugor Island ...	0830	10	1011·1	1010·8	-0·8	79·1	73·4	70·0	25·8	74	+ 1	2·5	-0·5	12·6	0	14	17	3	2	1	0	3	14	5	3	0
	1730	,,	1007·7	1007·4	...	79·8	73·6	70·0	25·8	72	...	3·3	...	12·8	0	14	17	0	0	0	3	14	14	0	0	0
Sandheads ...	0530	32	1009·4	1008·3	...	77·9	73·0	70·4	25·4	78	...	3·0	...	8·8	0	8	22	1	0	0	0	8	14	6	1	1
	0830	,,	1011·2	1010·1	-1·2	80·2	74·4	71·4	26·2	75	+ 1	1·9	-0·3	7·4	0	4	26	0	2	0	0	8	11	6	3	1
	1130	,,	1010·8	1009·7	...	81·0	74·7	71·7	26·2	74	...	1·9	...	8·3	0	4	25	2	1	0	1	5	14	4	2	2
	1730	,,	1008·3	1007·2	...	80·2	74·0	70·7	26·2	74	...	3·1	...	8·0	0	5	25	0	0	1	2	14	13	0	0	1
	2330	,,	1009·5	1008·4	...	78·6	73·9	71·5	26·7	79	...	0·8	...	10·9	0	8	23	0	0	0	0	10	18	1	2	0
Midnapore ...	0830	149	1011·3	1006·1	-0·6	76·8	68·5	62·9	19·7	67	+ 8	1·7	-0·1	2·1	0	0	23	2	2	1	1	8	5	4	0	8
	1730	,,	1007·1	1002·0	...	87·2	69·0	55·1	16·3	38	...	3·0	...	2·7	0	0	23	4	2	1	0	11	4	1	0	8
Contai ...	0830	35	1010·9	1009·7	...	78·2	72·3	69·1	24·3	74	...	1·0	...	7·3	0	6	21	2	1	0	1	9	5	6	3	4
	1730	,,	1007·8	1006·6	...	80·8	73·9	70·2	25·3	71	...	2·1	...	9·8	0	7	23	0	0	0	7	19	4	0	0	1
Burdwan ...	0830	106	1010·9	1007·2	-0·9	75·6	68·3	63·6	20·9	68	+ 5	1·2	-1·1	2·3	0	0	18	4	2	3	0	6	1	1	1	13
	1730	,,	1006·7	1003·1	...	85·9	72·7	64·2	21·7	51	...	2·0	...	2·1	0	0	15	1	6	1	1	3	2	1	0	16
Krishnagar ...	0830	48	1011·5	1009·8	-0·3	75·3	69·1	65·7	21·7	72	+ 9	3·0	+0·6	4·1	0	0	31	3	1	2	0	16	1	8	0	0
	1730	,,	1007·6	1005·8	...	85·9	72·5	65·5	21·0	51	...	2·9	...	2·3	0	0	24	5	0	3	0	7	1	8	0	7
Asansol ...	0530	414	1009·4	994·8	...	66·8	61·8	57·7	16·6	74	...	1·9	...	1·8	0	0	12	0	0	1	4	2	0	0	5	19
	0830	,,	1011·1	996·7	-0·5	75·1	65·2	57·7	16·7	56	+10	2·2	+0·4	3·1	0	0	20	0	3	2	4	1	1	3	6	11
	1130	,,	1010·3	996·2	...	85·6	66·8	51·8	13·7	34	...	1·9	...	4·1	0	1	22	3	0	2	7	0	1	3	7	8
	1730	,,	1006·5	992·5	...	86·6	65·9	49·1	12·7	30	...	2·0	...	4·6	0	1	21	1	1	4	2	2	0	3	9	9
	2330	,,	1009·6	995·2	...	73·7	63·7	56·0	15·7	56	...	1·4	...	3·0	0	0	18	1	0	4	3	4	1	0	5	13
Berhampore ...	0830	62	1011·4	1009·2	-0·6	74·2	66·3	61·3	18·4	65	+ 5	3·3	+1·1	2·6	0	0	24	3	2	2	4	6	2	3	2	7
	1730	,,	1006·6	1004·4	...	85·1	69·2	57·0	17·1	40	...	3·1	...	2·6	0	0	20	1	0	3	1	5	5	1	4	11
Malda ...	0830	103	1011·6	1008·0	+0·1	72·5	65·3	60·3	18·3	67	+18	2·7	+1·6	3·6	0	0	27	5	5	4	6	3	2	2	0	4
	1730	,,	1007·5	1004·0	...	82·4	66·6	54·9	14·9	41	...	2·5	...	4·1	0	1	29	3	7	3	3	2	1	3	8	1
	0830	145	1012·7	1007·6	...	70·6	54·5	62·6	18·1	76	...	(i) 4·0	...	(i) 3·8	0	0	22	2	1	17	1	0	0	0	1	0
Cooch-Behar ...	1730	,,	1009·6	1004·1	...	78·0	69·6	65·0	20·8	67	...	(k) 2·7	...	(k) 1·2	0	0	8	2	2	2	1	0	0	1	0	13

(i) Observations for 22 days. (k) Mean of 20 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	1012·7	1002·9	+0·4	67·0	62·4	59·1	17·3	77	+7	3·6	+2·1	4·7	0	1	28	8	10	10	0	0	0	1	0	2
	1730	,,	1008·2	998·7	...	78·4	66·6	58·4	16·7	52	...	3·6	...	3·3	0	0	26	1	3	14	4	1	1	1	1	5
Jalpaiguri (P.B.O.)..	0530	271	1010·9	1001·1	...	62·3	59·7	58·0	16·4	86	...	3·4	...	2·1	0	0	23	15	3	2	0	0	0	1	2	8
	1130	,,	1011·7	1002·3	...	77·4	66·0	58·0	16·6	54	...	3·5	...	5·2	0	1	30	0	5	19	5	0	1	1	0	0
	2330	,,	1010·6	1000·9	...	66·1	62·6	59·8	17·8	82	...	1·8	...	3·0	0	0	24	7	4	5	1	1	1	0	5	7
Bagdogra ...	0530	416	1010·2	995·4	...	60·0	57·8	56·1	15·6	87	...	3·1	...	3·0	0	0	19	8	8	1	1	0	0	0	1	12
	0830	,,	1012·0	997·4	...	72·0	63·5	57·5	16·2	62	...	3·5	...	6·2	0	3	23	2	8	11	2	0	0	0	3	5
	1130	,,	1011·1	996·8	...	79·1	66·0	56·8	16·1	49	...	3·5	...	7·5	0	1	30	0	5	15	6	1	2	2	0	0
	1730	,,	1007·8	993·5	...	76·6	65·9	58·1	17·2	54	...	3·7	...	2·7	0	1	15	2	2	6	1	1	1	1	2	15
Orissa																										
Balasore ...	0830	65	1011·3	1009·0	-0·8	77·3	69·9	65·5	21·5	68	+1	(a) 1·7	-0·2	(a) 6·8	0	3	27	9	0	0	0	4	13	1	3	0
	1730	,,	1007·5	1005·3	...	81·6	71·6	65·8	21·9	61	...	(a) 3·2	...	(a) 7·5	0	0	29	0	1	1	15	11	1	0	0	1
Chandbali ..	0830	20	1012·1	1011·4	+0·1	77·7	72·7	70·1	25·2	77	+1	2·0	-0·6	3·0	0	0	31	7	1	1	2	1	13	3	3	0
	1730	,,	1008·3	1007·6	...	82·5	71·6	65·9	21·4	59	...	1·8	...	5·5	0	0	29	2	0	10	15	2	0	0	0	2
Puri ...	0830	20	1011·8	1011·1	-0·4	80·5	74·2	71·2	25·8	74	-3	2·3	0	12·3	0	15	16	5	2	0	0	5	16	2	1	0
	1730	,,	1008·5	1007·8	...	81·2	75·2	72·2	27·1	74	...	2·5	...	16·1	0	23	8	0	1	0	4	18	8	0	0	0
Bhubaneswar ...	0830	150	1011·3	1006·1	...	78·6	72·0	68·4	23·9	71	...	2·0	...	6·9	0	3	27	2	1	0	0	2	18	4	3	1
	1130	,,	1010·5	1005·3	...	87·6	72·4	63·1	20·5	46	...	1·5	...	11·7	0	13	18	1	3	2	2	4	16	3	0	0
Cuttack ...	0830	87	1011·3	1008·3	-1·0	77·4	70·8	67·1	22·9	70	-3	1·9	-0·6	0·6	0	0	3	0	0	0	0	1	2	0	0	28
	1730	,,	1007·3	1004·3	...	87·3	70·8	59·7	18·3	42	...	2·6	...	3·3	0	0	15	0	0	0	0	6	8	0	1	16
Cuttack (P.B.O.) ...	0530	87	1009·7	1006·7	...	72·5	69·8	68·4	23·9	88	...	3·0	...	1·0	0	0	9	1	0	1	1	3	1	2	0	22
	0830	,,	1011·5	1008·6	...	79·6	72·8	69·6	24·2	72	...	2·0	...	3·2	0	0	29	1	5	0	3	5	9	6	0	2
	1130	,,	1010·3	1007·5	...	88·7	76·8	68·5	25·9	53	...	1·8	...	5·0	0	0	31	0	5	1	1	9	12	1	2	0
	1730	,,	1007·4	1004·5	...	86·0	73·2	67·2	21·8	55	...	2·9	...	4·8	0	0	30	4	0	1	7	13	4	0	1	1
	2330	,,	1009·8	1006·9	...	76·1	71·9	70·0	25·1	82	...	1·7	...	2·3	0	0	16	0	1	1	3	7	4	0	0	15
Gopalpur ...	0530	56	1009·5	1007·5	...	73·4	71·2	70·1	25·4	90	...	2·5	...	6·3	0	5	24	2	0	0	0	4	10	3	10	2
	0830	,,	1011·5	1009·6	-0·5	78·8	73·8	71·4	26·2	78	+4	1·9	+0·9	7·2	0	6	22	4	0	1	1	6	11	1	4	3
	1130	,,	1011·0	1009·1	...	85·2	77·7	74·2	29·0	70	...	1·5	...	11·6	0	14	17	0	0	1	8	14	8	0	0	0
	1730	,,	1007·9	1006·0	...	81·2	77·2	75·3	30·1	83	...	2·8	...	14·6	0	19	12	0	1	0	5	17	8	0	0	0
	2330	,,	1010·0	1008·1	...	77·7	74·9	73·7	28·0	88	...	1·3	...	11·6	0	13	17	1	0	0	0	11	14	2	2	1
Koraput ...	0830	2996	902·2	911·6	...	71·4	65·0	60·7	18·4	69	...	0·9	...	3·5	0	0	31	0	1	0	0	14	14	0	2	0
	1730	,,	899·0	908·4	...	82·2	69·1	62·8	19·1	51	...	2·5	...	6·3	0	0	31	8	2	0	2	4	4	6	5	0
Angul ...	0830	455	1012·0	996·2	-0·2	74·8	68·0	63·4	20·0	70	+10	1·9	-0·4	2·5	0	0	25	3	3	3	2	2	2	7	3	6
	1730	,,	1006·6	991·3	...	90·3	69·2	53·7	14·9	32	...	2·0	...	4·7	0	1	29	0	6	5	5	3	4	6	1	1
Sambalpur ...	0830	486	1011·2	994·3	-1·1	74·5	65·2	58·5	16·8	59	+8	1·3	-0·1	2·4	0	0	23	1	8	8	2	3	1	0	0	8
	1730	,,	1006·6	990·2	...	90·4	67·4	49·3	12·5	28	...	2·6	...	3·3	0	0	26	2	2	0	3	3	6	4	6	5
Jharsuguda ...	0530	726	1009·3	983·8	...	67·4	60·5	56·1	14·8	68	...	1·5	...	1·1	0	0	12	5	2	1	2	1	0	0	1	19
	0830	,,	1011·1	986·1	...	76·2	64·1	56·5	15·1	52	...	1·7	...	2·6	0	0	23	13	2	1	2	0	3	0	2	8
	1130	,,	1009·8	986·1	...	87·0	66·8	54·4	13·6	34	...	1·9	...	4·2	0	0	29	11	0	1	2	7	3	2	3	2
	1730	,,	1005·9	981·7	...	88·3	64·9	48·9	10·3	28	...	2·5	...	2·8	0	1	16	2	0	0	0	3	4	3	5	14
	2330	,,	1008·8	983·8	...	74·2	62·1	53·9	13·7	51	...	1·7	...	1·9	0	0	15	6	1	0	3	3	1	0	1	16
Titilagarh ...	0830	691	1011·1	987·2	...	76·4	65·3	56·2	16·4	53	...	1·2	...	2·0	0	0	25	2	2	0	8	9	2	1	1	6
	1730	,,	1005·7	982·9	...	91·5	68·0	49·9	12·8	28	...	2·1	...	0·5	0	0	6	1	1	0	1	1	0	0	2	25
Chota Nagpur																										
Purulia ...	0830	835	1011·6	982·8	...	75·2	64·6	56·1	16·1	53	...	1·6	...	2·3	0	0	23	2	1	0	3	4	3	0	10	8
	1730	,,	1006·4	978·6	...	87·1	65·8	48·4	11·9	29	...	2·3	...	3·2	0	0	27	2	0	2	5	2	2	3	11	4
Jamshedpur ...	0830	423	1011·1	996·4	-0·8	75·6	64·8	57·2	15·8	54	+2	1·7	-0·1	3·5	0	1	24	1	1	2	2	0	2	13	4	6
	1730	,,	1006·1	991·8	...	89·3	66·8	48·6	12·3	37	...	2·9	...	4·5	0	0	21	2	2	4	2	1	0	2	7	10
Jamshedpur(P.B.O.)	0530	477	1009·8	994·5	...	67·8	62·7	59·2	17·3	75	...	1·6	...	1·2	0	0	9	0	0	2	1	0	1	4	1	22
	1130	,,	1010·2	995·3	...	87·1	67·7	53·6	14·3	34	...	1·6	...	6·4	0	1	28	0	3	2	1	3	8	9	3	2
	2330	,,	1009·4	994·5	...	73·9	64·9	58·8	16·9	60	...	1·1	...	3·9	0	1	17	1	0	5	3	0	2	3	4	13
Chaibasa ...	0830	742	1011·2	985·4	-0·8	74·0	62·5	57·3	14·1	58	0	3·5	+1·8	1·5	0	0	16	1	0	0	3	1	9	1	1	15
	1730	,,	1005·8	980·9	...	89·1	65·6	46·1	11·0	25	...	4·1	...	1·9	0	0	18	2	5	1	1	2	2	3	2	13
Ranchi ...	0830	2150	900·3	938·3	-0·6	73·7	61·9	52·6	13·9	50	+11	1·3	-0·3	0·5	0	0	5	0	0	0	0	3	1	0	1	26
	1730	,,	898·0	935·4	...	81·3	66·3	54·4	15·9	48	...	2·5	...	0·7	0	0	8	0	0	0	0	0	3	1	4	23
Hazaribagh ...	0830	2006	899·6	942·9	-0·5	72·2	58·8	47·4	11·4	44	+8	2·1	+0·4	5·1	0	0	27	3	1	0	2	7	9	0	5	4
	1730	,,	897·3	939·8	...	80·4	60·2	42·5	9·8	29	...	3·3	...	6·5	0	2	27	6	2	0	1	2	1	1	16	2
Hazaribagh (C.W.)..	0530	2008	896·8	940·8	...	61·5	54·3	47·8	11·7	62	...	1·9	...	1·3	0	0	11	3	0	0	0	1	2	4	1	20
	0830	,,	899·6	942·8	...	73·6	59·5	47·6	11·8	42	...	1·8	...	3·3	0	0	23	2	0	0	1	11	2	5	2	8
	1130	,,	900·1	942·5	...	81·7	61·3	44·1	10·1	29	...	2·0	...	3·9	0	0	28	5	0	0	0	6	5	6	6	3
	1730	,,	897·1	939·8	...	78·0	60·1	45·2	10·4	34	...	2·7	...	3·2	0	0	25	5	1	0	1	2	1	10	5	6
	2330	,,	897·7	941·4	...	66·0	56·1	47·2	11·3	53	...	0·8	...	1·5	0	0	13	4	2	0	1	2	0	2	2	18
Daltonganj ...	0830	725	1011·4	986·3	-0·9	74·8	62·1	51·4	13·6	46	-8	2·6	+1·4	2·6	0	0	25	1	3	6	6	2	0	3	4	6
	1730	,,	1006·4	981·9	...	85·0	64·0	44·8	10·9	28	...	3·2	...	3·7	0	0	27	3	4	1	2	2	0	8	7	4
Dhanbad ...	0830	839	1010·6	981·7	...	75·9	63·7	53·8	14·4	49	...	2·2	...	4·6	0	0	30	3	4	4	3	4	4	6	2	1
	1730	,,	1006·0	977·8	...	86·1	64·1	44·3	10·5	27	...	2·2	...	5·7	0	3	26	5	3	5	2	2	3	2	7	2
Bihar																										
Purnea ...	0830	124	1011·9	1007·6	+0·3	70·7	63·6	58·6	17·0	67	+7	2·5	+1·1	2·1	0	0	23	1	9	8	2	0	1	2	0	8
	1730	,,	1007·8	1003·5	...	79·5	65·2	54·7	14·5	45	...	1·9	...	1·1	0	0	13	1	2	2	1	1	0	4	2	18

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar—*Contd.*																										
Darbhanga ...	0830	161	1011·8	1006·1	+0·2	70·7	63·7	59·0	17·0	67	+13	2·2	+0·9	3·0	0	1	26	0	10	9	3	0	0	3	2	4
	1730	,,	1007·7	1002·3	...	82·5	68·0	58·1	16·8	46	...	2·2	...	1·4	0	0	17	0	2	3	3	0	2	1	6	14
Motihari ...	0830	218	1011·9	1004·2	+0·6	72·4	64·6	59·2	17·1	65	+11	1·5	+0·5	2·2	0	0	23	1	0	17	0	1	0	3	1	8
	1730	,,	1007·6	1000·0	...	77·6	67·0	59·9	18 0	57	...	1·5	...	0·8	0	0	8	0	0	5	0	0	0	2	1	23
Patna ...	0830	173	1011·3	1005·3	-0·3	74·2	62·1	52·3	13·7	49	+ 3	2·2	+0·8	5·0	0	0	31	2	7	4	4	3	6	4	1	0
	1730	,,	1007·3	1001·4	...	84·2	65·0	49·6	12·7	34	...	2·3	...	4·3	0	0	29	6	8	2	1	0	2	4	6	2
Patna (Aerodrome) ..	0530	196	1008·8	1001·9	...	63·5	57·5	51·8	13·5	68	...	2·2	...	3·0	0	0	20	3	4	7	0	0	3	2	1	11
	0830	,,	1010·8	1004·1	...	73·8	61·9	53·1	13·5	50	...	2·3	...	5·3	0	0	31	2	2	11	3	2	4	5	2	0
	1130	,,	1010·3	1003·6	...	84·3	64·7	47·7	12·1	32	...	2·0	...	7·3	0	4	27	3	3	7	4	0	2	4	8	0
	1730	,,	1007·0	1000·5	...	84·8	64·1	45·9	11·4	30	...	2·5	...	5·8	0	1	29	10	6	3	0	0	2	3	6	1
Dehri ...	0830	352	1010·8	998·5	...	73·3	61·4	57·7	13·1	49	...	2·5	...	2·7	0	0	29	2	2	3	3	1	14	3	1	2
	1730	,,	1005·2	994·2	...	83·3	64·2	43·9	12·0	26	...	1·7	...	2·8	0	0	30	8	2	4	0	0	1	3	12	1
Gaya ...	0530	365	1008·9	996·0	...	65·0	56·0	46·9	11·3	54	...	1·7	...	4·7	0	0	26	2	2	3	10	6	1	0	2	5
	0830	,,	1010·9	998·2	-0·8	74·8	60·3	46·9	11·4	40	+ 7	2·8	+1·4	6·2	0	1	28	1	4	4	4	10	4	2	0	2
	1130	,,	1010·1	997·7	...	86·3	63·7	42·2	10·1	25	...	2·2	...	8·7	0	5	26	3	4	2	4	3	0	8	7	0
	1730	,,	1006·5	994·1	...	87·0	63·3	40·6	9·4	23	...	2·5	...	9·0	0	6	23	3	5	2	1	0	0	7	11	2
	2330	,,	1009·0	996·2	...	72·0	58·4	44·9	10·7	41	...	1·3	...	3·6	0	1	20	2	5	4	1	5	2	1	1	10
Jamui ...	0830	270	1011·2	1001·8	...	73·9	62·7	53·6	14·6	51	...	2·5	...	4·0	0	0	29	0	2	13	9	0	0	1	4	2
	1730	,,	1007·1	997·7	...	85·8	65·5	49·6	12·1	31	...	2·7	...	4·3	0	0	27	0	4	4	2	0	0	0	17	4
Dumka ...	0830	489	1011·3	994·6	-0·2	77·0	65·1	56·0	15·7	51	+ 7	1·8	+0·6	2·7	0	0	30	1	4	1	9	1	11	2	1	1
	1730	,,	1006·9	991·3	...	84·8	65·4	50·0	12·5	33	...	1·7	...	2·9	0	0	31	0	4	2	5	0	18	1	1	0
Sabour ...	0830	122	1011·5	1007·1	+0·3	72·8	65·0	59·2	17·4	65	-15	2·1	+0·3	4·1	0	1	27	4	6	6	1	1	7	2	1	3
	1730	,,	1007·1	1003·0	..2	83·1	67·9	56·8	16·7	44	...	2·1	...	4·3	0	2	23	7	4	2	2	0	0	1	9	6
Bhagalpur ...	0530	160	1008·9	1003·3	...	65·0	60·4	56·6	16·0	76	...	1·8	...	3·5	0	1	29	2	4	7	6	3	5	1	2	1
	0830	,,	1011·1	1005·5	...	75·7	65·1	57·2	16·5	55	...	2·1	...	3·8	0	2	27	1	4	10	5	2	4	1	1	3
	1130	,,	1010·2	1004·8	...	85·2	67·2	54·8	14·7	38	...	1·9	...	4·7	0	3	28	1	3	8	2	2	9	4	32	0
	1730	,,	1007·0	1001·6	...	83·3	65·9	52·7	13·8	37	...	2·1	...	5·3	0	23	26	4	5	8	0	0	0	2	10	2
	2330	,,	1009·2	1003·8	...	71·5	62·3	54·9	15·2	59	...	1·2	...	3·7	0	0	27	0	4	9	5	3	3	1	2	4
U. P. East																										
Gonda ...	0830	360	1011·3	998·6	...	69·1	59·6	51·8	13·0	57	+ 9	2·4	+1·0	2·7	0	0	26	2	0	14	0	0	0	8	2	5
	1730	,,	1007·7	995·4	...	82·4	63·8	47·9	12·0	35	...	2·4	...	2·3	0	0	19	0	1	4	0	0	0	7	7	12
Gorakhpur ...	0830	254	1011·0	1002·1	-0·3	71·1	60·7	50·6	13·7	52	0	1·1	0	0·8	0	0	13	0	1	9	0	0	1	2	0	18
	1730	,,	1007·4	998·7	...	83·7	64·3	45·8	12·6	31	...	2·1	...	0·6	0	0	10	0	2	1	0	0	3	3	1	21
Gorakhpur (P.B.O.),	0530	257	1008·9	999·7	...	63·5	58·3	53·9	14·2	73	...	1·9	...	3·0	0	1	20	4	6	4	0	0	4	1	2	10
	1130	,,	1010·6	1001·7	...	82·2	65·2	51·7	13·5	39	...	2·3	...	5·7	0	0	31	0	6	6	4	5	4	5	1	0
	2330	,,	1009·4	1000·4	...	69·0	61·1	54·5	14·7	63	...	2·1	...	3·4	0	2	13	3	2	1	0	0	3	2	4	16
Azamgarh ...	0830	255	1010·3	1001·6	...	73·5	62·7	53·5	14·6	54	...	1·8	...	0·8	0	0	9	0	1	3	1	0	1	3	0	22
	1730	,,	1007·2	998·0	...	85·2	66·7	52·0	13·9	35	...	1·6	...	2·1	0	0	18	4	3	1	0	0	2	6	2	13
Banaras ...	0830	250	1010·9	1002·1	-0·9	71·8	60·9	51·8	13·0	52	+ 4	2·6	+1·2	2·8	0	0	31	2	1	6	3	7	7	5	0	0
	1730	,,	1007·1	998·5	...	86·8	64·1	41·9	10·4	22	...	1·8	...	3·5	0	0	31	5	1	3	0	0	0	11	11	0
Banaras (Babatpur... Aerodrome)	0530	280	1009·0	999·0	...	63·8	57·3	51·7	12·7	67	...	3·1	...	2·8	0	1	20	0	3	9	1	0	3	5	0	10
	0830	,,	1011·1	1001·3	...	74·9	61·4	49·7	13·1	41	...	2·6	...	5·0	0	1	29	2	2	5	4	3	5	7	2	1
	1130	,,	1010·7	1001·1	...	84·3	63·7	44·6	10·8	30	...	2·3	...	5·9	0	2	27	3	2	3	5	1	4	7	4	2
	1730	,,	1007·0	997·4	...	86·8	63·6	41·9	9·8	24	...	2·6	...	6·4	0	1	30	3	4	4	1	0	1	5	13	0
	2330	,,	1009·2	999·3	...	68·9	59·3	50·7	13·1	56	...	2·1	...	3·7	0	1	24	1	6	6	1	1	2	4	4	6
Allahabad ... (Bamrauli)	0530	322	1008·9	997·5	...	64·9	57·6	50·9	12·0	63	...	1·8	...	3·7	0	2	21	1	2	6	3	1	6	3	1	8
	0830	,,	1010·8	999·6	-1·0	73·2	61·6	52·2	13·5	50	+ 6	2·1	+0·5	5·4	0	2	28	3	2	7	2	5	5	4	2	1
	1130	,,	1010·5	999·9	...	85·1	65·1	48·6	12·1	31	...	2·0	...	8·8	0	3	28	2	3	5	4	3	0	9	5	0
	1730	,,	1007·0	996·0	...	86·3	65·1	47·5	11·6	29	...	2·3	...	7·3	0	1	30	6	6	1	0	0	0	6	12	0
	2330	,,	1009·3	998·0	...	71·3	60·5	51·3	13·2	52	...	1·5	...	3·3	0	0	22	2	4	2	1	3	3	1	6	9
Fatehpur ...	0830	375	1011·2	998·1	...	73·0	63·0	55·4	15·2	56	+ 4	1·9	+0·6	2·6	0	0	25	1	2	7	2	0	2	7	4	6
	1730	,,	1007·2	994·4	...	86·8	67·8	54·5	14·6	35	...	2·3	...	1·7	0	0	17	1	1	2	1	0	0	1	11	14
Banda ...	0830	398	1010·8	997·0	...	71·3	60·5	51·0	12·4	52	...	0·8	...	1·2	0	0	16	0	1	7	0	0	0	8	0	15
	1730	,,	1006·7	993·2	...	89·4	66·5	47·6	11·5	26	...	0·9	...	2·6	0	0	26	1	3	2	0	0	2	16	2	5
Orai ...	0830	463	1011·1	995·1	...	69·3	61·0	51·6	14·7	52	...	1·7	...	5·4	0	2	29	3	4	2	4	2	7	3	6	0
	1730	,,	1006·8	991·1	...	88·2	68·9	53·8	15·3	36	...	2·8	...	8·3	0	2	29	9	6	1	0	1	1	2	11	0
Kanpur ...	0830	414	1011·0	996·5	-0·7	71·7	60·8	51·5	13·4	52	+ 7	2·7	+1·9	4·5	0	0	20	3	2	5	2	0	3	4	1	11
	1730	,,	1007·1	993·2	...	85·7	64·5	47·4	11·6	29	...	3·2	...	8·2	0	0	30	5	3	2	0	0	0	7	13	1
Lucknow ...	0830	371	1011·4	998·7	+0·1	69·9	60·5	53·5	14·1	53	+ 5	1·1	-0·3	2·3	0	0	31	9	1	9	5	1	6	0	0	7
	1730	,,	1007·9	995·0	...	84·1	63·9	52·2	11·5	26	...	2·1	...	2·3	0	0	24	3	2	3	1	2	4	7	2	7
Lucknow (Amau-... si Aerodrome)	0530	418	1009·3	996·1	...	62·6	57·3	52·7	13·8	71	...	2·4	...	2·2	0	1	11	3	0	3	0	1	1	1	3	19
	0830	,,	1010·9	996·2	...	70·8	61·1	53·5	13·9	56	...	2·5	...	7·8	0	5	15	3	3	3	6	1	4	4	5	2
	1130	,,	1010·8	996·4	...	81·8	64·6	50·3	13·0	37	...	2·6	...	8·5	0	5	17	2	2	4	5	0	7	3	8	0
	1730	,,	1007·4	993·0	...	83·7	64·6	48·9	12·2	33	...	2·6	...	8·2	0	3	19	0	4	2	2	2	0	11	10	0
Hardoi ...	0830	467	1009·9	993·5	...	66·6	58·4	51·9	13·5	59	...	2·3	...	3·3	0	0	31	8	2	4	4	2	2	6	3	0
	1730	,,	1006·7	990·8	...	84·8	64·6	47·5	12·1	31	...	3·0	...	4·1	0	0	28	10	3	2	1	0	0	5	7	3
Lakhimpur Kheri ...	0830	483	1011·1	994·1	...	67·5	59·4	52·6	13·5	60	...	2·6	...	3·6	0	0	27	2	6	7	2	1	0	4	5	4
	1730	,,	1007·5	991·0	...	80·3	64·2	51·6	13·2	40	...	3·4	...	2·6	0	0	18	0	4	3	1	0	0	7	3	13
Bahraich ...	0830	407	1011·2	996·6	-0·2	70·0	60·3	51·9	13·5	55	- 1	2·3	+1·1	2·8	0	0	25	2	1	6	6	0	2	5	3	5
	1730	,,	1007·5	993·5	...	82·7	64·6	50·7	14·4	32	...	2·7	...	2·6	0	0	23	1	1	3	3	0	2	5	8	8

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations — Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1011·2	982·6	−1·4	72·6	57·9	43·2	9·2	38	+ 1	1·0	−0·1	2·5	0	0	16	4	1	1	1	0	2	5	2	15
	1730	,,	1006·3	978·7	...	89·0	61·8	31·8	7·0	15	...	1·8	...	1·5	0	0	13	0	0	0	0	0	1	7	5	18
Agra ...	0830	553	1011·6	992·2	−0·6	69·5	58·3	48·0	11·5	49	+ 6	1·4	−0·3	0·6	0	0	8	1	1	0	0	0	0	2	4	23
	1730	,,	1007·5	989·5	...	86·7	62·3	38·3	8·3	20	...	1·3	...	0·6	0	0	5	1	0	1	0	0	0	1	2	26
Mainpuri ...	0830	516	1010·6	992·6	−1·3	68·4	59·2	51·0	12·6	56	+ 8	1·5	−0·7	1·9	0	0	21	0	0	0	1	0	1	19	0	10
	1730	,,	1007·5	990·0	...	84·9	66·6	49·2	14·3	33	...	2·5	...	2·4	0	0	24	0	0	3	1	0	1	16	3	7
Aligarh ...	0530	615	1009·7	987·8	...	60·5	55·5	50·8	12·8	72	...	2·9	...	1·0	0	0	6	0	1	0	0	0	0	2	3	25
	0830	,,	1011·3	989·6	...	65·8	58·2	52·6	13·3	64	+17	2·8	+1·4	1·0	0	0	8	0	1	2	0	0	0	2	3	23
	1130	,,	1011·1	990·0	...	82·3	60·6	49·7	9·1	35	...	2·7	...	3·0	0	1	15	0	0	5	0	0	0	4	7	15
	1730	,,	1007·5	986·6	...	84·6	64·3	46·9	11·5	29	...	2·8	...	2·3	0	0	15	0	0	3	0	0	0	3	9	16
	2330	,,	1009·9	988·3	...	67·7	58·9	50·9	12·9	54	...	2·7	...	0·8	0	0	3	1	0	0	0	1	0	0	1	28
Bareilly ...	0830	568	1010·8	990·9	−0·6	68·7	59·3	51·4	13·0	56	− 4	2·9	+1·1	3·7	0	0	27	2	1	7	5	0	2	6	4	4
	1730	,,	1007·6	988·2	...	81·2	62·5	45·3	11·2	31	...	3·5	...	3·3	0	0	22	2	1	2	1	0	0	13	3	9
Bareilly (P.B.O.) ...	0530	565	1008·8	988·7	...	62·9	58·4	55·2	14·7	77	...	2·1	...	3·4	0	0	24	0	2	8	1	1	0	4	8	7
	1130	,,	1010·8	991·3	...	79·3	62·8	51·3	12·1	40	...	2·9	...	5·4	0	0	29	1	0	5	6	3	0	4	10	2
	2330	,,	1009·5	989·5	...	68·7	61·7	57·4	15·6	68	...	1·8	...	4·0	0	0	22	1	4	7	1	0	0	6	3	9
Meerut ...	0830	728	1011·5	985·6	−0·6	64·7	55·3	52·7	10·5	66	+ 1	2·1	+0·3	1·9	0	0	24	0	5	7	1	0	0	4	7	7
Roorkee ...	0830	899	1011·3	979·5	−0·8	63·3	56·9	51·3	12·9	67	+ 6	3·1	+1·2	1·3	0	0	20	0	0	2	10	0	0	2	6	11
	1730	,,	1007·8	977·0	...	76·8	61·3	48·9	11·5	41	...	3·8	...	1·5	0	0	23	0	2	0	9	0	1	0	11	8
Dehra-Dun ...	0530	2,239	897·1	933·1	...	55·6	51·4	47·4	11·2	74	...	2·8	...	1·2	0	0	9	4	3	1	0	0	0	1	0	22
	0830	,,	898·9	934·6	−0·2	64·1	54·2	48·1	9·8	64	+10	3·5	+0·7	0·7	0	0	8	0	3	1	1	1	0	1	1	23
	1130	,,	900·1	935·1	...	71·3	57·9	46·4	10·7	46	...	4·1	...	2·0	0	0	21	0	0	3	5	6	5	1	1	10
	1730	,,	898·0	933·1	...	72·1	58·7	47·5	10·7	44	...	4·0	...	1·7	0	0	18	2	1	2	3	0	5	4	1	13
	2330	,,	898·5	934·1	...	61·0	53·9	46·2	11·4	62	...	3·6	...	2·2	0	0	21	7	13	0	0	0	0	0	1	10
Punjab (I)																										
New-Delhi ...	0530	710	1009·4	984·2	...	61·4	54·8	48·0	11·6	64	...	1·6	...	3·6	0	0	21	1	2	1	3	2	2	3	7	10
	0830	,,	1011·1	986·0	−1·1	67·1	57·4	48·5	11·8	53	+ 1	2·7	+0 9	5·4	0	2	25	2	1	5	3	1	4	6	5	4
	1130	,,	1011·0	996·5	...	79·3	61·6	46·0	10·8	33	...	2·5	...	9·3	0	5	25	4	1	3	5	4	2	4	7	1
	1730	,,	1007·4	983·1	...	81·9	61 1	40·6	9·0	26	...	3·3	...	7·8	0	4	26	5	8	3	2	0	0	2	10	1
	2330	,,	1009·9	984·9	...	67·6	57·7	48·5	12·0	53	...	2·2	...	6·8	0	6	21	5	2	4	6	1	0	2	7	4
Hissar ...	0830	725	1011·6	985·9	−0·9	63·1	56·9	51·6	13·0	67	+16	1·6	−0·1	4·3	0	0	26	3	2	1	6	6	3	2	3	5
	1730	,,	1007·6	983·0	...	84·7	65·9	51·5	13·2	33	...	1·4	...	3·9	0	0	27	7	2	1	1	1	3	4	8	4
Karnal ...	0830	818	1010·9	982·2	...	63·0	56·4	50·5	12·5	65	...	2·6	...	3·0	0	0	29	2	5	3	3	0	3	8	5	2
	1730	,,	1007·4	979·4	...	79·8	61·2	43·9	10·3	30	...	3·4	...	4·0	0	0	26	1	4	3	1	1	1	4	11	5
Ambala ...	0830	892	1010·3	978·9	+1·5	62·8	56·2	50·3	12·7	65	+ 9	1·9	−0·4	2·9	0	0	21	0	0	2	6	2	0	0	11	10
	1730	,,	1006·5	976·1	...	79·5	61·5	44·6	10·4	28	...	2·6	...	2·5	0	0	18	1	0	4	2	2	0	1	8	13
Ambala (P.B.O.) ...	0530	906	1009·5	977·5	...	62·4	56·8	52·8	13·4	72	...	2·9	...	4·5	0	0	24	1	0	6	3	2	0	0	12	7
	1130	,,	1011·0	979·7	...	74·4	60·8	51·2	12·2	46	...	4·2	...	8·3	0	4	26	3	0	5	8	1	1	2	10	1
	2330	,,	1010·0	978·3	...	67·6	59·4	53·4	14·2	62	...	3·2	...	5·1	0	1	27	2	1	5	3	1	0	2	14	3
Patiala ...	0830	822	1010·6	981·5	...	62·9	56·2	49·3	12·5	65	...	2·9	...	3·3	0	0	25	7	1	1	6	0	0	2	8	6
	1730	,,	1007·5	979·3	...	78·3	61·4	47·0	10·9	35	...	4·1	...	4·2	0	0	29	11	0	1	10	0	0	3	4	2
Ludhiana ...	0830	810	1011·3	982·5	−0·9	62·7	57·6	52·8	13·9	73	− 3	2·8	+0·6	0·3	0	0	3	0	0	1	1	0	1	0	0	28
	1730	,,	1008·4	980·6	...	79·7	65·1	53·5	14·7	44	...	3·9	...	1·3	0	0	15	0	0	0	3	0	3	4	5	16
Ferozepur ...	0830	657	1011·4	987·9	...	63·5	55·7	51·6	11·2	70	...	2·5	...	1·8	0	0	26	0	9	2	0	1	2	0	12	5
	1730	,,	1008·4	985·7	...	78·4	61·7	47·5	11·0	34	...	3·5	...	0·9	0	0	15	1	6	0	1	0	0	0	7	16
Amritsar ...	0530	769	1010·3	982·6	...	53·7	52·4	51·1	13·0	91	...	2·5	...	5·5	0	4	25	8	4	7	2	0	0	2	6	2
	0830	,,	1011·6	984·2	...	59·9	56·1	52·7	13·7	77	...	3·2	...	6·5	0	3	27	5	7	5	3	2	1	1	6	1
	1130	,,	1011·4	984·7	...	73·1	61·5	52·2	13·5	50	...	2·7	...	8·3	0	8	22	3	2	4	6	1	3	2	9	1
	1730	,,	1008·8	982·3	...	75·6	61·7	49·7	12·6	43	...	4·0	...	7·6	0	3	28	2	1	4	3	1	1	5	14	0
Pathankot ...	0830	1128	1011·5	971·9	...	60·8	55·0	49·5	12·4	67	...	4·0	...	2·7	0	0	28	2	10	15	1	0	0	0	3	3
	1730	,,	1009·5	970·5	...	73·1	60·6	50·0	12·9	47	...	5·9	...	2·7	0	0	27	0	4	0	1	3	2	11	6	4
Jammu and Kashmir																										
Srinagar ...	0830	5,305	798·0	842·1	−1·1	41·3	39·6	37·7	7·6	87	+ 2	6·1	+1·2	2·2	0	0	16	1	0	0	2	4	0	3	6	15
	1130	,,	799·1	842·6	...	48·3	43·8	39·3	8·3	72	...	5·5	...	3·6	0	0	25	1	4	0	4	3	0	5	8	6
	1730	,,	797·1	840·1	...	50·9	44·9	38·9	8·0	66	...	6·0	...	3·9	0	0	24	4	2	0	3	0	0	3	12	7
Gulmarg ...	0830	8709	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	707·8	663·7	...	23·0	18·4	10·2	2·0	58	...	4·0	...	2·0	0	0	16	0	14	0	2	0	0	0	0	15
	0830	,,	708·3	664·5	−0·8	27·2	21·8	12·0	2·2	51	− 3	4·5	−0·6	1·3	0	0	8	0	1	0	2	2	3	0	0	23
	1730	,,	705·4	662·4	...	36·1	28·2	14·0	2·9	40	...	5·1	...	5·1	0	0	25	1	6	0	1	2	6	6	3	6
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	61·6	55·3	49·6	12·1	66	...	3·7	...	6·8	0	0	31	0	31	0	0	0	0	0	0	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1011·1	990·3	...	62·1	55·4	50·1	11·8	68	+10	1·0	−1·4	1·5	0	0	16	2	3	5	2	2	0	0	2	15
	1730	,,	1007·4	987·5	...	80·3	63·7	50·6	12·8	37	...	1·4	...	1·5	0	0	13	0	0	1	0	0	1	6	5	17
Bikaner ...	0830	734	1010·7	985·2	−1·0	64·6	51·6	35·6	7·5	37	− 6	1·1	−0·7	4·1	0	0	25	0	3	0	14	0	6	0	2	6
	1730	,,	1007·0	981·9	...	86·8	60·8	31·3	6·6	16	...	1·5	...	5·0	0	0	30	0	5	0	2	0	9	0	14	1

(R) Register not received.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1009·9	983·7	...	61·0	53·3	45·3	10·4	59	...	2·0	...	1·7	0	0	11	2	1	3	0	1	3	1	0	20
	1130	,,	1010·8	985·7	...	83·2	64·8	47·6	12·4	33	...	2·5	...	4·7	0	0	31	2	5	1	1	12	5	2	3	0
	2330	,,	1010·0	984·3	...	70·0	57·2	44·7	10·3	42	...	1·3	...	2·3	0	0	19	8	4	1	1	0	3	1	1	12
Jaisalmer ...	0830	793	1009·9	981·3	...	68·4	58·9	49·9	10·7	54	...	2·1	...	6·5	0	5	20	0	5	1	3	1	15	0	0	6
	1730	,,	1006·1	979·5	...	88·9	67·5	51·1	13·3	31	...	1·7	...	9·2	0	7	24	0	3	0	2	0	20	2	4	0
Jodhpur ...	0530	736	1009·7	983·7	...	65·9	52·3	35·6	7·3	34	...	0·6	...	4·5	0	1	23	0	13	3	0	1	3	4	0	7
	0830	,,	1011·5	985·7	+0·4	68·8	53·8	35·6	7·4	31	− 5	1·8	−0·2	4·4	0	0	27	1	11	3	0	3	8	1	0	4
	1130	,,	1011·1	986·0	...	84·3	61·9	39·8	7·7	23	...	1·9	...	6·5	0	3	26	1	6	3	5	1	11	1	1	2
	1730	,,	1007·1	982·5	...	89·7	63·1	35·8	7·7	17	...	2·6	...	7·7	0	4	26	1	2	0	0	0	9	10	8	1
	2330	,,	1009·9	985·63	...	74·7	56·6	35·9	7·6	26	...	0·7	...	3·8	0	0	25	6	7	0	0	1	1	10	0	6
Phalodi ...	0830	794	1011·0	984[illegible]	...	66·1	59·5	53·0	14·5	67	...	1·6	...	6·2	0	4	27	1	2	1	9	14	2	2	0	0
	1730	,,	1007·3	980·6	...	88·6	74·9	60·0	23·4	52	...	1·5	...	11·0	0	9	22	7	0	0	1	3	7	6	7	0
Barmer ...	0530	638	1008·9	986·6	...	69·7	60·3	51·8	13·5	55	...	0·5	...	4·3	0	0	25	2	1	0	0	0	7	6	9	6
	0830	,,	1010·8	988·5	−1·1	70·6	61·8	54·2	14·8	59	+ 4	2·7	+1·1	2·5	0	0	18	0	0	0	2	2	3	4	7	13
	1130	,,	1011·4	989·6	...	85·1	69·1	57·9	17·0	43	...	2·7	...	5·0	0	1	25	2	4	0	4	3	8	2	3	5
	1730	,,	1060·7	985·4	...	91·7	73·1	61·4	19·6	39	...	2·3	...	4·6	0	0	25	2	1	0	1	1	7	6	7	6
	2330	,,	1009·2	987·1	...	79·1	65·1	54·4	14·8	44	...	0·9	...	4·0	0	0	20	1	0	0	0	1	8	6	4	11
Rajasthan, East																										
Sikar ...	0830	1419	1011·2	961·9	...	67·1	58·5	51·1	12·9	58	...	1·9	...	2·1	0	0	22	0	3	5	7	3	4	0	0	9
	1730	,,	1006·7	959·3	...	84·8	68·7	57·0	16·8	42	...	2·8	...	2·5	0	0	30	2	0	1	1	1	3	12	10	1
Jaipur ...	0830	1431	1011·3	962·1	−1·4	71·9	57·0	41·4	9·7	36	+ 1	1·3	−0·4	2·4	0	0	16	1	3	4	5	1	1	0	1	15
	1130	,,	1010·5	962·4	...	83·1	60·2	35·9	7·6	20	...	1·2	...	6·5	0	0	28	2	2	3	3	2	3	2	11	3
	1730	,,	1006·7	958·9	...	85·6	60·3	32·1	[illegible]·6	16	...	2·9	...	5·9	0	1	26	9	2	1	0	0	1	4	10	4
Jaipur (Sanganer Aerodrome) ...	0530	1282	1009·7	964·7	...	62·6	52·5	41·4	9·0	47	...	1·1	...	6·1	0	1	24	3	6	8	0	0	0	1	7	6
	0830	,,	1011·0	966·6	...	69·4	57·2	45·2	10·7	44	...	1·7	...	6·1	0	3	24	3	3	9	0	0	0	4	8	4
	1130	,,	1010·4	966·9	...	81·8	61·5	41·6	9·5	26	...	1·4	...	9·5	0	6	25	1	3	3	5	3	1	10	5	0
	1730	,,	1006·4	963·4	...	86·2	62·9	39·6	9·1	22	...	3·2	...	8·7	0	5	20	2	1	0	0	0	4	14	4	6
	2330	,,	1009·7	965·4	...	69·3	55·7	41·3	9·1	37	...	1·5	...	7·2	0	4	22	8	2	7	0	0	1	2	6	5
Ajmer ...	0830	1593	1011·7	956·8	−1·2	68·9	53·6	37·4	7·4	34	− 2	1·4	0	2·6	0	0	16	2	2	0	2	0	7	2	1	15
	1730	,,	1006·6	953·5	...	85·3	57·3	23·6	3·5	11	...	2·7	...	4·1	0	0	28	0	0	0	1	0	8	12	7	3
Kotah ...	0530	843	1009·5	979·9	...	67·4	53·6	38·5	9·0	35	...	0·2	...	1·0	0	0	10	1	0	0	1	0	3	4	1	21
	0830	,,	1011·4	982·1	−1·1	73·1	56·5	39·0	8·2	31	− 3	0·5	−1·0	0·6	0	0	9	1	0	0	1	0	1	3	3	22
	1130	,,	1010·7	982·1	...	87·5	61·1	31·8	9·0	16	...	1·0	...	3·2	0	0	28	4	2	3	5	2	2	5	5	3
	1730	,,	1006·0	978·1	...	91·1	61·5	26·9	5·4	11	...	1·9	...	4·3	0	0	27	1	0	1	0	1	1	15	8	4
	2330	,,	1009·3	980·2	...	76·1	57·2	36·8	7·4	25	...	1·1	...	1·9	0	0	15	2	0	2	0	0	3	6	2	16
Jhalawar ...	0830	1053	1011·5	97[illegible]9	−1·2	69·8	53·1	31·9	6·4	26	−10	0·8	−0·4	1·2	0	0	15	3	1	1	1	2	1	0	1	16
	1730	,,	1005·8	970·8	...	91·8	61·7	27·0	5·4	11	...	1·8	...	4·5	0	1	30	5	0	0	1	0	0	1	11	13	0
Udaipur ...	0530	1910	896·8	944·6	...	60·7	50·2	38·8	8·1	45	...	0·5	...	0·4	0	0	2	0	0	0	0	0	0	2	0	29
	0830	,,	896·1	946·5	−1·2	69·3	55·2	42·0	9·1	38	− 9	0·9	−0·4	0·8	0	0	10	5	1	0	0	0	0	1	3	21
	1130	,,	900·9	946·8	...	83·5	59·9	34·5	8·2	21	...	1·3	...	3·7	0	0	25	2	4	2	1	3	7	4	2	6
	1730	,,	897·9	943·4	...	86·3	61·2	38·3	8·4	20	...	1·8	...	4·2	0	0	22	2	0	1	0	1	9	7	2	9
	2330	,,	898·5	945·5	...	69·6	55·2	41·5	9·0	37	...	0·4	...	1·4	0	0	11	1	0	0	0	1	0	4	5	20
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	689	1009·8	985·1	...	65·6	54·0	41·4	9·1	45	...	1·5	...	3·4	0	0	21	3	1	1	4	0	6	3	3	10
	0830	,,	1010·9	987·0	...	72·9	56·9	40·0	8·7	33	...	1·6	...	4·7	0	1	23	1	1	2	2	4	6	4	4	7
	1130	,,	1010·6	987·2	...	84·6	60·8	35·6	7·5	20	...	1·8	...	6·6	0	2	29	4	1	4	3	3	2	3	11	0
	1730	,,	1006·8	983·6	...	86·9	60·8	31·3	6·4	18	...	3·1	...	7·5	0	2	27	11	4	2	1	0	1	2	8	2
	2330	,,	1009·4	985·5	...	71·6	57·4	43·2	9·8	39	...	1·4	...	3·0	0	0	20	4	0	0	0	5	2	3	6	11
Sheopur Kalan ...	0830	771	1010·7	983·5	...	66·9	55·5	43·6	9·9	46	...	1·7	...	1·9	0	0	15	2	3	0	4	5	0	0	1	16
	1730	,,	1005·8	979·9	...	90·7	65·4	43·1	10·0	21	...	3·1	...	4·7	0	0	25	2	3	0	1	0	2	6	11	6
Guna ...	0530	1571	1010·2	955·4	...	61·5	47·9	40·2	5·9	47	...	0·7	...	1·0	0	0	11	2	0	6	1	0	1	0	1	20
	0830	,,	1011·1	957·1	−2·0	70·0	55·5	42·5	9·2	40	+ 3	1·7	+0·7	2·7	0	0	23	7	0	5	2	3	3	3	0	8
	1130	,,	1010·0	957·6	...	86·6	61·6	39·0	8·5	20	...	1·2	...	5·5	0	1	30	2	2	0	3	4	2	10	8	0
	1730	,,	1005·6	953·6	...	89·0	61·8	37·9	7·9	17	...	2·5	...	4·8	0	0	31	4	0	0	2	2	16	7	0	
	2330	,,	1010·0	956·0	...	69·1	54·5	40·9	8·7	37	...	1·7	...	1·0	0	0	10	1	0	2	1	1	1	4	0	21
Neemuch ...	0830	1626	1011·9	956·0	−0·9	71·2	51·8	26·7	5·4	21	−16	1·1	−0·2	3·2	0	0	24	2	11	0	0	1	5	3	2	7
	1730	,,	1006·6	952·8	...	88·7	58·1	21·1	4·2	10	...	2·3	...	8·4	0	6	23	4	9	0	1	0	7	7	1	2
Ratlam ...	0830	1596	1011·5	956·7	...	71·3	55·6	39·8	8·7	34	...	2·7	...	5·2	0	3	23	0	7	5	1	2	5	5	1	5
	1730	,,	1006·2	953·4	...	89·5	63·2	41·1	9·1	20	...	3·0	...	7·5	0	2	29	6	3	1	0	0	4	13	4	0
Indore * ...	0530	1861	896·3	945·8	...	62 2	50·5	37·8	7·8	41	...	0·7	...	3·0	0	1	12	2	1	1	0	0	0	9	0	14
	0830	,,	899·2	947·9	−2·0	72·5	57·0	42·7	9·6	36	+ 4	0·9	−0·2	5·5	0	1	27	3	4	4	2	1	4	8	2	3
	1130	,,	900·6	948·1	...	86·4	64·2	46·2	11·5	27	...	1·1	...	8·5	0	2	29	5	5	4	2	1	4	7	3	0
	1730	,,	897·3	944·2	...	89·7	64·7	44·3	10·7	24	...	2·2	...	7·5	0	3	27	3	5	1	1	0	2	12	6	1
	2330	,,	897·6	946·4	...	69·7	54·7	40·0	8·5	35	...	0·7	...	3·6	0	2	19	2	3	0	0	1	12	1	12	
Bhopal (Bairagarh) ...	0530	1714	895·8	950·5	...	64·9	50·9	34·8	7·0	35	...	1·0	...	4·7	0	2	22	7	3	2	4	2	2	1	3	7
	0830	,,	898·5	952·7	−1·2	72·0	54·8	36·2	7·7	31	+ 2	1·4	+0·3	5·7	0	0	26	2	2	4	4	2	3	2	7	5
	1130	,,	900·0	952·7	...	86·0	59·9	33·5	7·1	17	...	1·3	...	9·0	0	5	26	8	0	5	4	1	2	2	9	0
	1730	,,	896·9	949·1	...	89·5	61·3	33·5	7·1	15	...	2·4	...	9·9	0	8	33	8	2	1	0	0	6	8	6	0
	2330	,,	897·1	951·1	...	72·9	53·8	32·5	6·5	24	...	1·7	..	7·1	0	3	27	8	5	2	1	0	2	5	7	1
Vindhya Pradesh																										
Nowgong ...	0830	750	1011·2	984·9	−1·3	69·2	56·1	42·5	9·5	41	− 5	1·5	−0·3	2·1	0	0	26	1	3	1	1	9	8	2	1	5
	1730	,,	1006·5	981·3	...	88·9	61·5	30·8	6·3	15	...	2·0	...	3·8	0	1	28	5	4	2	0	0	5	8	5	2
Sutna ...	0830	1041	1010·9	974·9	−1·1	71·8	59·6	48·9	11·9	47	+17	1·5	0	2·1	0	0	18	0	1	2	3	2	4	4	2	13
	1730	,,	1006·0	971·2	...	87·8	65·3	46·7	11·2	35	...	1·3	...	5·7	0	2	27	3	1	1	1	0	2	4	17	2

* Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh—*contd.*																										
Umaria ...	0830	1506	1011·2	959·6	...	72·3	59·4	49·5	12·1	47	+5	1·2	−0·6	1·3	0	0	11	0	2	0	2	0	3	3	1	30
	1730	,,	1005·7	955·9	...	88·2	64·6	46·8	11·2	25	...	2·8	...	3·2	0	0	29	1	5	1	0	0	4	3	15	2
Madhya Pradesh, East																										
Gondia ...	0830	1026	1011·7	976·3	...	74·6	61·7	50·3	13·0	47	...	1·0	...	1·6	0	0	19	6	2	1	3	2	5	0	0	12
	1730	,,	1005·8	971·7	...	92·3	65·3	40·3	9·1	18	...	0·9	...	2·2	0	0	28	7	1	1	3	4	4	4	4	3
Pendra ...	0530	2040	897·3	939 5	...	65·8	54·4	43·5	9·9	46	...	1·6	...	2·2	0	0	20	5	0	0	0	7	2	2	4	11
	0830	,,	900·0	941·6	−1·5	73·9	58·6	45·4	10·6	39	−2	1·2	−0·2	3·4	0	1	22	9	2	0	0	7	3	0	2	8
	1130	,,	900·6	941·6	...	83·4	62·5	44·4	10·8	28	...	1·5	...	6·3	0	2	29	12	5	1	1	4	4	0	4	0
	1730	,,	897·4	938·1	...	83·8	61·8	43·3	10·0	26	...	2·9	...	4·1	0	0	30	12	2	0	0	3	1	4	8	1
	2330	,,	898·4	940·2	...	70·6	56·7	44·0	10·1	40	...	1·1	...	2·5	0	0	20	7	1	0	0	3	2	1	6	11
Raigarh ...	0830	723	1010·5	985·7	...	76·2	64·1	54·8	15·0	49	...	2·1	...	2·1	0	0	24	5	10	2	2	2	2	1	0	7
	1730	,,	1005·7	981·6	...	91·5	67·1	46·5	11·6	25	...	1·8	...	1·5	0	1	13	1	2	0	1	0	5	4	1	17
Ambikapur ...	0830	1989	899·2	943·6	...	67·3	57·4	48·7	12·1	54	...	1·1	...	3·1	0	2	18	2	4	1	0	6	6	1	0	11
	1730	,,	897·3	940·1	...	84·0	61·6	42·5	9·6	26	...	1·6	...	6·1	0	2	28	7	4	0	1	3	3	2	10	1
Champa ...	0830	805	1011·3	983·5	...	74·9	61·2	49·5	12·3	43	...	1·5	...	2·4	0	0	26	11	4	3	2	2	0	1	3	5
	1730	,,	1005·9	979·2	...	91·8	65·9	43·0	10·1	21	...	2·4	...	3·8	0	0	30	5	2	2	2	4	2	8	5	1
Raipur ...	0530	979	1008·7	974·8	...	70·4	59·0	48·5	11·9	48	...	0·7	...	2·1	0	1	10	3	0	1	0	5	2	0	0	20
	0830	,,	1010·9	977·3	−1·0	76·2	61·8	49·2	12·4	41	+1	1·6	+0·3	3·8	0	1	25	4	6	1	0	8	4	2	1	5
	1130	,,	1010·2	977·1	...	86·7	66·5	50·0	13·1	32	...	1·2	...	5·7	0	1	29	5	3	3	1	5	5	7	1	1
	1730	,,	1005·5	973·0	...	91·3	66·5	45·6	11·0	23	...	1·6	...	2·8	0	0	22	1	3	1	1	2	5	7	2	9
	2330	,,	1008·6	975·1	...	77·9	62·0	48·0	11·8	38	...	0·6	...	2·2	0	0	17	3	1	1	1	5	4	1	1	14
Kanker ...	0830	1318	1011·1	966·2	−0·6	76·5	64·1	54·8	14·9	49	−4	0·9	−0·8	0·9	0	0	7	9	1	0	1	2	1	1	1	24
	1730	,,	1005·9	962·2	...	90·5	69·5	54·9	15·1	32	...	1·4	...	1·2	0	0	14	0	4	0	0	0	5	3	2	17
Chanda ...	0830	634	1010·9	989·1	−1·0	78·5	...	...	...	...	...	0·4	−0·8	0·1	0	0	2	0	0	0	1	0	1	0	0	29
	1730	,,	1005·2	984·1	...	95·9	...	...	...	...	...	0·9	...	0·8	0	0	4	0	0	0	0	0	2	0	2	27
Sironcha ...	0830	405	1011·6	997·6	...	77·8	66·6	59·0	17·3	54	...	1·0	...	2·5	0	0	23	0	1	6	9	6	1	0	0	8
	1730	,,	1005·9	992·3	...	97·1	68·9	47·5	11·4	19	...	1·7	...	4·1	0	0	31	5	2	1	3	5	5	4	6	0
Jagdalpur(P.B.O.)...	0530	1813	896·5	947·5	...	65·3	58·3	52·8	13·8	65	...	0·5	...	1·3	0	0	14	0	0	4	2	6	2	0	0	17
	0830	,,	899·3	949·7	−1·1	72·8	62·9	55·7	15·7	56	−1	0·8	−0·5	1·9	0	0	21	2	0	2	2	7	2	3	3	10
	1130	,,	900·3	949·2	...	87·4	64·6	46·9	11·5	27	...	0·9	...	5·3	0	0	30	4	2	4	1	3	10	3	3	1
	1730	,,	897·2	945·8	...	89·6	64·2	43·5	10·2	22	...	1·7	...	4·5	0	0	28	3	4	0	0	3	6	6	6	3
	2330	,,	897·9	948·2	...	72·9	61·5	52·4	14·0	50	...	0·6	...	2·3	0	0	19	1	0	0	4	6	5	2	1	12
Madhya Pradesh, West																										
Buldhana ...	0830	2133	900·3	938·9	...	74·3	59·1	46·4	11·0	39	...	0·6	...	4·3	0	0	31	3	1	3	2	4	0	2	16	0
	1730	,,	898·3	935·7	...	90·5	66·4	49·3	12·4	25	...	0·9	...	3·2	0	0	31	0	3	1	0	2	3	0	22	0
Akola ...	0830	925	1011·2	979·3	−0·9	75·8	57·8	38·4	8·3	28	−4	1·1	−0·2	3·7	0	0	20	0	2	5	1	0	1	6	5	11
	1130	,,	1009·9	978·9	...	90·3	63·6	39·0	8·1	18	...	0·5	...	2·9	0	1	21	6	2	4	4	0	0	2	4	9
	1730	,,	1005·1	974·5	...	96·1	66·2	39·5	8·5	14	...	1·0	...	3·3	0	0	23	3	0	1	0	0	2	10	7	8
Akola (Aerodrome) ...	0530	1015	1008·8	973·5	...	67·9	56·5	44·3	10·5	45	...	0·2	...	2·5	0	0	24	0	0	2	2	2	5	9	4	7
	2330	,,	1008·4	973·7	...	77·4	61·8	46·9	11·8	37	...	0·3	...	2·3	0	0	25	3	2	6	3	3	2	4	2	6
Amravati ...	0830	1213	1010·8	969·3	−1·0	76·0	58·6	40·7	9·0	30	−2	1·1	−0·1	3·4	0	0	28	2	5	8	2	1	9	1	0	3
	1730	,,	1005·0	965·1	...	95·4	67·1	42·3	9·9	17	...	1·4	...	4·6	0	0	31	1	3	0	1	0	12	2	12	0
Yeotmal ...	0830	1481	1010·5	960·4	...	79·2	60·7	44·5	9·8	32	...	2·3	...	9·3	0	6	25	0	11	0	6	0	3	0	11	0
	1730	,,	1004·7	956·2	...	93·3	67·8	45·9	11·7	31	...	2·3	...	8·6	0	6	25	0	5	0	5	0	6	0	15	0
Khandwa ...	0830	1044	1011·2	975·1	−0·9	74·2	56·3	35·7	7·5	26	−7	0·6	−0·3	3·5	0	0	16	2	1	1	0	0	1	10	1	15
	1730	,,	1005·1	970·5	...	91·3	64·8	35·3	9·0	13	...	1·0	...	4·9	0	0	29	6	1	0	1	1	2	4	14	2
Hoshangabad ...	0830	992	1010·8	976·7	−1·7	72·8	55·6	35·5	7·4	28	−6	2·0	+0·8	1·9	0	0	23	1	5	7	4	0	4	1	0	9
	1730	,,	1005·1	971·9	...	93·3	62·2	25·9	5·2	10	...	3·0	...	3·3	0	0	29	0	8	1	3	1	6	6	4	2
Sagar ...	0830	1808	898·2	949·0	−1·4	71·1	53·9	34·4	7·3	30	0	1·2	−0·1	8·8	0	6	23	3	4	6	4	2	5	3	2	2
	1730	,,	896·5	945·5	...	87·4	58·5	25·9	5·1	11	...	1·7	...	10·8	0	7	24	4	3	1	0	0	5	8	10	0
Jabalpur ...	0530	1289	1009·7	964·5	...	61·3	53·1	44·5	10·3	55	...	1·0	...	1·3	0	0	13	0	4	1	8	0	0	0	0	18
	0830	,,	1011·1	966·8	−0·9	72·8	57·6	42·0	9·4	35	−8	1·6	+0·4	2·4	0	0	27	1	1	2	14	2	5	0	2	4
	1130	,,	1009·7	966·6	...	88·2	63·1	38·4	8·4	19	...	0·9	...	4·1	0	0	30	0	6	2	3	3	6	5	5	1
	1730	,,	1005·4	962·7	...	90·4	63·5	37·3	7·9	17	...	2·4	...	4·3	0	0	31	7	3	0	0	3	8	2	8	0
	2330	,,	1009·3	964·8	...	69·9	57·6	45·7	10·7	44	...	1·1	...	1·7	0	0	15	2	4	2	6	0	1	0	0	16
Mandla ...	0830	1452	1012·2	961·7	...	65·7	56·6	48·5	11·6	55	...	1·7	...	0·9	0	0	7	4	0	0	0	2	0	1	0	24
	1730	,,	1005·5	957·4	...	88·7	62·4	38·9	7·4	19	...	2·3	...	4·1	0	0	24	7	0	0	0	3	2	3	9	7
Seoni ...	0830	2027	899·5	942·0	−1·3	74·1	57·6	41·9	9·6	35	−2	1·0	−0·3	2·8	0	0	19	1	6	0	7	1	0	0	4	12
	1730	,,	897·5	938·7	...	87·4	63·0	40·5	9·8	23	...	1·5	...	4·8	0	0	30	10	4	2	1	3	3	1	6	1
Chhindwara ...	0830	2348	900·4	935·3	...	69·0	55·0	41·1	9·1	39	...	1·0	...	1·2	0	0	16	3	5	0	3	0	1	1	3	15
	1730	,,	898·1	931·7	...	87·3	60·1	32·7	6·8	16	...	1·8	...	3·4	0	0	30	6	3	0	1	0	1	9	10	1
Betul ...	0830	2144	900·3	938·7	...	72·8	54·6	35·0	7·2	27	...	0·9	...	2·9	0	0	22	1	2	7	6	1	2	0	3	9
	1730	,,	897·8	935·2	...	87·7	59·4	28·7	5·9	14	...	1·1	...	5·4	0	0	31	7	4	1	1	1	2	3	12	0
Nagpur ...	0530	1010	1009·1	973·8	...	66·7	55·4	44·1	9·9	49	...	0·5	...	3·9	0	0	24	4	3	1	0	0	2	1	13	7
	0830	,,	1010·9	976·3	−0·9	77·9	62·1	47·7	11·9	37	+4	0·9	−0·5	5·1	0	1	25	4	9	3	0	0	2	0	8	5
	1130	,,	1009·6	976·2	...	90·5	68·3	51·0	13·6	28	...	0·8	...	7·7	0	3	28	5	5	7	2	4	4	2	2	0
	1730	,,	1005·0	971·7	...	94·6	68·6	47·9	12·2	22	...	1·5	...	7·1	0	2	28	4	2	1	4	5	3	4	7	1
	2330	,,	1008·8	974·1	...	75·3	60·1	45·5	10·9	38	...	0·8	...	4·3	0	1	27	4	2	1	0	1	4	4	12	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1011·4	995·8	-1·0	71·4	57·9	43·0	10·3	42	...	0·7	...	...	0	0	29	12	6	0	2	4	2	3	0	2
	1730	,,	1007·0	992·1	...	92·4	64·4	38·7	8·0	17	...	1·1	...	...	0	0	31	2	2	0	0	2	8	12	5	0
Surat ...	0530	39	1009·5	1008·1	...	68·9	62·5	57·4	16·4	69	...	0·1	...	3·2	0	0	25	3	3	1	9	1	3	0	5	6
	0830	,,	1011·5	1010·1	-0·9	71·7	64·0	58·0	16·9	64	+ 4	0·4	-0·6	2·4	0	0	21	3	3	2	6	2	0	2	3	10
	1130	,,	1011·7	1010·4	...	89·2	68·1	52·9	14·0	31	...	1·1	...	5·3	0	0	30	6	4	2	1	0	3	5	9	1
	1730	,,	1007·6	1006·3	...	91·9	69·4	52·8	14·4	29	...	1·0	...	7·0	0	0	31	1	0	0	0	3	11	7	9	0
	2330	,,	1010·1	1008·7	...	76·3	67·5	61·4	18·9	63	...	0·2	...	5·0	0	0	31	4	1	0	1	4	11	6	4	0
Ahmedabad ...	0530	182	1009·3	1002·9	...	68·1	56·8	45·2	10·7	48	...	0·4	...	6·3	0	0	27	2	3	3	0	2	1	4	12	4
	0830	,,	1011·3	1005·0	-1·3	73·2	59·9	45·4	11·6	44	- 3	0·8	-0·3	8·1	0	2	28	6	0	8	0	0	0	2	14	1
	1130	,,	1011·6	1005·4	...	88·5	66·0	46·5	11·7	28	...	0·8	...	9·1	0	4	27	5	0	9	0	1	1	2	13	0
	1730	,,	1007·3	1001·2	...	94·9	65·6	37·6	8·2	16	...	1·3	...	8·2	0	3	25	3	1	2	1	1	0	9	11	3
	2330	,,	1009·7	1003·5	...	77·0	60·1	43·1	10·2	32	...	0·5	...	4·8	0	0	23	1	1	1	0	0	5	7	8	8
Dohad ...	0830	1093	1011·5	973·8	...	73·3	58·5	41·8	10·1	37	- 7	0·5	-0·7	7·2	0	5	24	0	6	5	2	2	5	8	1	2
	1730	,,	1006·5	970·3	...	91·8	63·8	35·6	7·6	15	...	0·9	...	7·7	0	2	29	2	4	0	0	0	4	20	1	0
Baroda ...	0530	115	1009·2	1005·2	...	64·9	57·0	48·9	12·3	59	...	0·1	...	0·5	0	0	6	1	0	1	1	0	1	1	1	25
	0830	,,	1011·4	1007·3	...	71·4	60·5	50·4	13·1	51	+ 4	0·8	-0·1	0·6	0	0	8	6	2	1	1	0	2	1	1	23
	1130	,,	1011·5	1007·6	...	89·4	66·3	46·3	11·7	26	...	0·9	...	1·9	0	0	22	4	5	3	4	0	1	1	4	9
	1730	,,	1007·1	1003·3	...	96·6	67·7	42·8	10·1	18	...	0·8	...	2·1	0	0	22	6	5	1	0	0	4	4	2	9
	2330	,,	1009·6	1005·6	...	74·9	61·8	50·7	12·9	44	...	0·5	...	1·7	0	0	22	3	4	0	1	1	5	4	4	9
Baroda ... (Aerodrome)	0530	124	1009·5	1005·2	...	66·6	57·9	49·0	12·5	56	...	0·1	...	2·6	0	0	18	3	2	2	2	2	3	2	2	13
	0830	,,	1011·4	1006·9	...	71·5	61·5	52·6	14·1	54	...	0·3 (a)	...	3·7 (a)	0	1	22	5	1	2	3	3	3	4	2	8
	1730	,,	1007·2	1003·1	...	95·7	71·8	54·8	15·7	28	...	0·6	...	6·1	0	1	29	2	1	2	0	0	6	13	6	0
	2330	,,	1009·7	1005·4	...	77·2	64·0	52·8	14·4	46	...	0·3	...	4·8	0	0	28	5	3	0	1	1	8	5	5	3
Broach ...	0830	57	1011·2	1009·2	...	69·2	60·1	51·7	13·6	57	...	0·5	...	2·6	0	0	30	1	4	4	7	3	4	1	6	1
	1730	,,	1007·1	1005·1	...	97·1	66·4	38·0	8·4	14	...	0·3	...	6·7	0	1	30	2	2	2	2	0	10	8	5	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1011·8	999·8	-0·8	70·4	63·7	58·5	17·2	70	+14	0·3	-0·9	1·6	0	0	12	1	0	0	0	0	4	5	2	19
	1730	,,	1008·4	996·9	...	91·7	64·6	38·9	8·6	17	...	0·3	...	7·3	0	3	28	3	3	1	0	0	3	14	7	0
Bhuj (P.B.O.) ...	0530	347	1010·0	997·8	...	69·6	62·2	56·8	15·8	67	...	0·6	...	2·4	0	0	17	0	2	0	1	0	10	2	2	14
	0830	,,	1011·4	999·3	...	72·3	64·1	58·3	16·8	65	...	1·1	...	2·6	0	0	16	0	2	1	0	0	10	1	2	15
	1130	,,	1011·6	999·8	...	86·4	66·0	51·6	12·6	33	...	1·2	...	5·7	0	0	30	2	5	0	0	0	7	5	11	1
	1730	,,	1008·0	996·4	...	92·0	65·7	47·0	9·7	24	...	1·1	...	6·3	0	1	28	0	4	0	0	0	6	11	8	2
	2330	,,	1010·4	998·5	...	75·4	64·2	56·6	15·5	54	...	0·5	...	4·1	0	0	22	0	0	0	0	1	12	4	5	9
Dwarka ...	0830	37	1012·2	1010·9	-0·9	73·9	69·7	67·2	22·9	80	+ 4	1·2	-0·6	8·8	0	5	26	12	1	0	0	0	0	7	11	0
	1730	,,	1009·9	1008·6	...	78·9	72·0	68·2	23·6	70	...	1·3	...	13·0	0	19	12	2	0	0	0	0	0	10	19	0
Jamnagar ...	0530	74	1010·0	1007·4	...	65·6	63·1	61·1	18·6	86	...	1·2	...	6·2	0	1	30	1	1	1	0	4	13	9	2	0
	0830	,,	1011·3	1008·7	-1·5	70·9	65·9	62·4	19·5	76	+ 5	2·0	+0·9	5·2	0	0	29	0	1	1	1	7	9	9	1	2
	1130	,,	1012·0	1009·4	...	84·1	67·7	56·3	15·7	41	...	1·3	...	10·3	0	9	22	5	5	0	0	1	0	11	9	0
	1730	,,	1008·6	1006·1	...	85·7	66·3	49·7	13·3	34	...	1·2	...	17·0	0	25	6	3	2	0	0	0	0	16	10	0
Rajkot ...	0830	432	1011·8	996·5	-0·9	68·1	64·0	60·2	18·6	80	+30	1·7	-0·1	4·9	0	0	28	3	3	1	0	1	6	8	6	3
	1730	,,	1007·3	992·8	...	93·6	64·5	35·0	7·6	15	...	0·9	...	13·8	0	17	14	3	2	1	1	0	1	8	15	0
Rajkot ... (Aerodrome)	0530	439	1010·2	994·6	...	65·3	60·8	56·9	16·2	77	...	0·9	...	6·2	0	0	30	0	0	0	1	4	5	14	6	1
	0830	,,	1012·1	996·7	...	69·8	65·1	61·7	19·1	78	...	1·1	...	5·7	0	0	28	3	1	0	0	0	7	12	5	3
	1130	,,	1011·9	996·9	...	86·1	66·9	52·4	13·9	34	...	0·8	...	9·5	0	2	29	8	4	2	0	0	1	9	7	0
Veraval ..	0530	26	1009·9	1009·0	...	65·3	61·1	57·3	16·5	78	...	0·4	...	8·9	0	5	25	19	1	0	0	0	0	0	10	1
	0830	,,	1011·9	1011·0	-0·9	71·4	64·7	59·1	17·9	70	+ 7	1·0	-0·1	4·7	0	0	30	19	3	0	0	0	0	1	7	1
	1130	,,	1012·3	1011·4	...	85·2	70·8	59·3	19·2	51	...	0·8	...	8·4	0	6	24	6	2	0	0	0	1	11	10	1
	1730	,,	1008·9	1008·0	...	79·8	73·2	69·4	25·0	72	...	0·5	...	13·2	0	18	13	0	0	0	0	0	1	17	13	0
	2330	,,	1011·2	1010·3	...	72·4	67·9	64·6	21·3	78	...	0·3	...	8·1	0	3	26	12	0	0	0	0	0	3	14	3
Bhavnagar ...	0830	55	1012·1	1010·2	-0·6	70·7	58·4	45·5	11·1	44	- 3	0·6	-0·6	4·5	0	0	31	0	0	0	0	0	7	18	6	0
	1730	,,	1007·8	1006·0	...	94·5	66·8	41·0	10·0	19	...	1·1	...	5·4	0	0	31	3	4	7	5	8	1	1	2	0
Bhavnagar ... (Aerodrome)	0830	35	1011·6	1010·4	...	73·8	60·6	47·5	12·2	44	...	1·2	...	11·2	0	9	22	9	0	0	0	0	1	6	15	0
	1130	,,	1012·0	1010·8	...	86·3	66·3	49·9	13·0	32	...	1·4	...	9·6	0	4	26	7	13	6	0	0	0	0	4	1
Konkan																										
Dahanu ...	0830	15	1011·1	1010·6	...	74·2	68·2	63·8	20·9	73	...	1·0	...	7·4	0	2	29	1	3	14	12	0	0	0	1	0
	1730	,,	1007·9	1007·4	...	82·6	75·5	71·8	26·9	71	...	0·3	...	12·5	0	13	18	8	0	0	0	0	1	11	11	0
Bombay (Colaba) ...	0830	35	1011·3	1010·1	-1·0	77·8	70·3	65·9	21·9	68	- 5	1·0	-0·3	3·5	0	0	27	6	6	2	4	1	0	0	1	4
	1130	,,	1011·7	1010·5	...	85·0	72·4	64·8	21·5	53	...	0·9	...	4·9	0	1	27	3	1	3	2	2	2	7	10	3
	1730	,,	1008·2	1007·0	...	83·4	73·5	68·3	23·7	61	...	0·7	...	10·3	0	5	26	2	0	0	0	0	1	4	24	0
Bombay (Santa-cruz Aerodrome) ...	0530	27	1009·1	1008·2	...	67·4	63·7	61·1	18·5	81	...	0·7	...	2·4	0	0	19	7	8	1	0	0	0	0	3	12
	0830	,,	1011·0	1010·1	-1·3	76·5	67·2	60·6	18·5	61	- 9	1·3	0	3·3	0	0	22	4	8	3	5	1	0	0	1	0
	1130	,,	1011·4	1010·5	...	87·4	69·4	55·4	16·4	40	...	1·0	...	10·0	0	7	24	5	3	0	1	1	4	9	8	0
	1730	,,	1008·0	1007·1	...	85·2	70·7	61·1	19·1	47	...	0·9	...	12·8	0	28	3	2	0	0	0	0	0	8	21	0
	2330	,,	1010·4	1009·5	...	73·5	67·4	62·9	20·2	73	...	0·6	...	4·2	0	0	24	11	4	0	0	0	0	1	7	7
Bombay (Juhu ... Aerodrome)	0530	12	1009·1	1008·6	...	69·6	65·6	63·5	19·7	82	...	0·7	...	1·3	0	0	15	6	3	5	1	0	0	0	0	16
	0830	,,	1011·2	1010·7	...	76·7	68·2	63·5	19·7	66	...	1·2	...	3·0	0	0	24	1	7	12	4	0	0	0	0	7
	1130	,,	1011·5	1011·0	...	86·0	71·5	64·2	19·9	51	...	0·9	...	10·0	0	7	24	1	1	1	1	0	3	14	10	0
	1730	,,	1008·0	1007·5	...	85·7	72·9	66·9	21·8	55	...	0·8	...	13·8	0	15	16	3	0	0	0	0	7	21	6	
	2330	,,	1010·3	1009·8	...	74·8	69·1	66·4	21·7	75	...	0·7	...	1·5	0	0	16	8	3	0	0	0	1	0	4	15
Alibag ...	0830	23	1012·0	1011·1	-0·2	74·8	69·4	65·9	22·0	75	+10	0·5	-0·8	1·0	0	0	13	1	4	4	4	0	0	0	0	18

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	N W	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1010·9	1008·6	...	77·0	70·1	65·9	22·0	70	...	0·5	..	5·4	0	0	27	7	9	4	2	0	0	0	5	4
	1730	..	1008·2	1005·9	...	80·8	75·3	72·8	27·5	77	...	0·6	...	15·9	0	18	13	0	0	0	0	0	5	4	22	0
Ratnagiri ...	0830	116	1010·8	1006·8	−1·1	75·7	70·4	67·3	23·0	76	...	1·1	...	...	0	0	31	0	13	17	0	0	0	0	1	0
	1730	..	1008·0	1004·0	...	84·0	75·7	70·9	26·6	66	...	0·8	...	...	0	0	31	1	0	0	0	0	0	26	4	0
Devgad ...	0830	117	1010·9	1006·8	...	74·9	71·2	69·2	24·4	83	...	3·1	...	5·7	0	0	31	1	10	17	2	0	1	0	0	0
	1730	..	1008·0	1004·0	...	84·0	75·5	71·4	26·3	66	...	2·1	...	16·7	0	22	9	3	0	0	0	0	1	8	19	0
Vengurla ..	0530	29	1008·9	1007·9	...	70·3	68·6	67·6	23·1	91	...	0·3	...	...	0	0	5	3	2	0	0	0	0	0	0	26
	0830	..	1011·4	1010·4	...	76·7	71·2	67·9	23·6	75	...	1·4	...	...	0	0	12	4	4	1	2	0	0	0	1	19
	1130	..	1011·5	1010·5	...	86·9	74·2	67·0	23·1	54	...	0·8	...	...	0	0	26	2	0	0	2	2	6	7	7	5
	1730	..	1008·2	1007·2	...	84·3	75·5	71·2	26·2	66	...	1·7	...	...	0	0	24	0	0	0	0	0	9	9	6	7
	2330	..	1010·6	1009·6	...	75·3	71·3	69·3	24·4	82	...	0·5	...	...	0	0	1	1	0	0	0	0	0	0	0	30
Marmagao ...	0830	202	1011·1	1004·1	−0·8	77·5	72·6	69·8	25·1	77	+ 3	2·3	+0·1	5·2	0	0	31	1	12	13	3	0	2	0	0	0
	1730	..	1008·1	1001·2	...	82·9	74·9	71·1	25·9	67	...	2·8	...	7·2	0	0	31	0	0	0	0	0	5	17	9	0
Honavar ...	0830	85	1011·3	1008·4	...	76·4	71·9	69·6	24·6	80	...	2·1	...	3·1	0	0	29	0	5	20	3	0	0	0	1	2
	1730	,,	1008·0	1005·1	...	85·7	76·6	72·7	27·2	64	...	2·2	...	4·9	0	0	31	0	0	0	0	0	2	19	10	0
Deccan (Desh)																										
Jalgaon ...	0830	660	1011·4	988·3	...	70·3	55·4	38·4	8·3	33	...	0·9	...	3·7	0	0	25	0	0	5	3	0	10	6	1	6
	1730	..	1006·1	984·2	...	98·4	66·5	35·5	7·8	12	...	1·2	...	6·3	0	1	29	1	4	0	0	0	4	11	10	1
Malegaon ...	0830	1432	1011·4	962·5	−0·9	74·7	56·8	35·4	7·7	27	-13	0·0	-1·1	0·9	0	0	10	0	0	1	0	0	0	5	4	21
	1730	..	1005·7	958·6	...	93·4	62·7	27·5	5·7	11	...	0·1	...	1·1	0	0	14	0	1	0	0	0	5	1	7	17
Deolali ...	0830	1875	899·9	948·3	...	69·6	57·0	46·6	10·8	45	...	0·3	...	2·0	0	0	17	4	1	0	1	2	6	1	2	14
Ahmednagar ...	0830	2154	900·4	938·3	−1·1	73·6	56·7	40·8	8·9	32	+ 2	0·6	−0·2	2·7	0	0	22	3	2	1	0	0	0	0	16	9
	1730	..	898·2	934·7	...	93·1	63·8	38·5	8·4	16	...	0·9	...	3·8	0	0	29	1	8	1	1	1	5	0	12	2
Poona ...	0530	1834	896·4	947·0	...	61·6	55·0	49·4	12·1	65	...	0·5	...	0·5	0	0	4	0	0	0	0	0	3	1	0	27
	0830	..	899·1	949·1	−0·8	68·8	57·6	48·3	11·7	49	− 5	1·0	+0·2	1·0	0	0	11	0	1	0	0	1	3	4	2	20
	1130	..	900·9	949·0	...	87·9	61·2	36·2	7·6	17	...	0·7	...	2·5	0	0	22	1	3	8	1	1	1	4	3	9
	1730	..	897·6	945·2	...	92·3	64·1	40·7	9·0	18	...	0·8	...	3·7	0	0	23	0	3	2	0	0	1	9	8	8
	2330	..	898·3	948·0	...	71·7	60·1	51·2	13·0	50	...	0·4	...	0·6	0	0	9	0	0	0	0	0	1	8	0	22
Poona (Lohagaon Aerodrome) ...	0530	1937	896·7	943·3	...	63·0	53·6	44·3	10·3	53	...	0·5	...	1·8	0	0	18	0	0	1	0	0	0	14	3	13
	0830	..	899·4	945·5	...	70·0	56·7	44·4	10·3	43	...	0·8	...	1·9	0	0	24	0	0	1	0	0	3	16	4	7
	1130	..	900·9	945·5	...	87·6	60·2	32·5	6·8	16	...	1·0	...	5·4	0	2	27	2	6	8	4	0	0	7	2	2
	1730	..	897·6	941·6	...	91·9	61·9	33·5	6·7	13	...	0·9	...	3·0	0	8	20	2	2	1	1	0	0	14	8	3
	2330	..	898·6	944·4	...	72·2	58·5	46·2	11·2	42	...	0·4	...	3·4	0	0	29	2	0	0	0	0	0	24	3	2
Jeur ...	0830	1709	898·9	953·0	...	73·3	57·9	43·8	10·2	37	...	1·0	...	2·6	0	0	18	6	4	0	0	0	1	2	5	13
	1730	..	896·9	948·6	...	95·6	67·8	48·5	11·9	21	...	1·5	...	6·6	0	1	29	5	4	2	1	0	1	7	10	1
Sholapur ...	0530	1570	1009·4	955·5	...	69·3	54·3	39·4	8·3	34	...	0·0	...	0·3	0	0	3	2	0	1	0	0	0	0	0	28
	0830	..	1011·2	957·8	−0·5	75·1	57·9	41·9	9·5	31	− 4	0·5	−0·5	1·4	0	0	20	5	7	1	0	1	3	1	2	11
	1130	..	1009·5	957·6	...	90·9	65·4	46·7	11·0	22	...	0·4	...	5·2	0	0	30	9	6	4	3	1	6	1	0	1
	1730	..	1004·3	953·1	...	96·3	67·5	47·2	11·2	19	...	0·9	...	2·0	0	0	26	4	11	0	1	0	4	2	4	5
	2330	..	1008·6	955·7	...	78·8	59·1	41·3	9·2	28	...	0·2	...	1·0	0	0	7	2	0	2	1	0	2	0	0	24
Miraj ...	0830	1817	899·7	949·9	−0·5	70·2	58·6	48·9	12·1	49	− 3	0·6	−0·4	2·3	0	0	19	2	1	2	1	0	2	7	5	12
	1730	..	897·6	945·6	...	94·7	66·4	45·2	10·6	19	...	0·7	...	5·2	0	3	21	1	5	3	1	1	1	9	3	7
Kolhapur ...	0530	1870	896·7	945·5	...	65·5	58·6	52·8	14·0	66	...	0·4	...	2·5	0	0	19	0	0	3	0	1	4	10	1	12
	0830	..	899·3	947·7	...	70·7	59·7	50·0	13·0	52	...	1·0	...	3·0	0	0	16	0	4	2	1	0	1	8	0	15
	1130	..	900·8	947·7	...	88·0	61·6	37·2	8·0	18	...	0·7	...	9·3	0	6	24	1	14	8	2	1	0	3	1	1
	1730	..	897·3	943·5	...	92·5	64·3	38·6	9·1	18	...	0·7	...	10·1	0	12	16	0	4	1	0	1	1	20	1	3
Bijapur ...	0830	1950	899·8	944·9	−0·9	75·5	61·0	49·2	12·5	41	− 6	0·8	−0·1	3·3	0	0	27	10	2	1	0	3	3	1	8	4
	1730	..	897·4	940·7	...	95·4	67·9	48·4	12·1	21	...	0·7	...	3·7	0	0	31	8	11	1	0	0	2	4	5	0
Belgaum ...	0830	2562	901·0	925·0	−0·9	65·6	59·0	54·5	14·4	69	+16	...	...	1·5	0	0	23	6	1	2	2	6	1	3	2	8
	1730	..	899·4	922·3	...	91·1	63·6	39·5	9·0	18	...	...	...	1·8	0	0	27	3	2	2	0	10	2	3	5	4
Gadag ...	0830	2131	900·8	939·3	−0·6	76·9	68·3	63·4	20·1	65	+ 8	0·5	−0·4	2·9	0	0	21	0	3	4	2	0	3	6	3	10
	1730	..	897·9	935·1	...	94·5	73·8	62·3	20·0	37	...	1·5	...	2·7	0	1	20	0	4	5	1	0	2	5	3	11
Gadag (P.B.O.) ...	0530	2150	898·1	936·4	...	69·2	63·1	59·5	17·2	73	...	0·0	...	...	0	1	17	0	0	1	0	1	5	11	0	13
	0830	..	900·6	938·5	...	77·0	64·2	56·9	15·3	52	...	0·6	...	...	0	1	20	1	3	2	1	3	3	7	0	11
	1130	..	901·3	938·3	...	89·5	65·1	50·3	11·3	27	...	0·5	...	...	0	4	17	4	2	3	5	0	1	4	2	10
	1730	..	898·1	934·6	...	93·2	65·5	48·8	10·2	22	...	1·0	...	...	0	0	17	0	3	3	0	1	2	7	1	14
	2330	..	899·4	937·2	...	77·3	64·8	57·0	15·9	53	...	0·1	...	...	0	2	23	0	0	2	0	0	6	16	1	6
Hyderabad, North																										
Aurangabad ...	0830	1905	899·8	946·9	−1·1	72·0	56·9	42·9	9·7	37	+ 5	0·5	−0·6	3·3	0	1	26	1	4	12	4	1	0	5	0	4
	1730	..	898·1	943·1	...	98·9	66·3	45·8	10·8	21	...	1·2	...	9·2	0	8	23	4	3	2	0	1	5	12	4	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	996·9	944·9	...	63·2	49·5	35·9	6·6	33	...	0·1	...	3·5	0	0	21	1	0	0	0	0	0	11	9	10
	0830	..	900·1	946·9	...	77·2	57·1	37·0	7·8	25	...	0·4	...	4·1	0	2	14	2	0	3	1	0	0	6	4	15
	1130	..	901·2	947·0	...	87·8	61·0	35·4	7·5	17	...	0·5	...	8·6	0	5	26	8	2	5	3	2	1	5	5	0
	1730	..	897·8	943·1	...	92·6	63·0	36·6	7·7	14	...	0·7	...	7·5	0	3	24	6	1	1	0	0	1	7	11	4
	2330	..	898·0	945·4	...	70·1	53·4	32·6	6·3	25	...	0·2	...	4·8	0	1	19	2	0	0	0	0	1	6	11	11
Parbhani ...	0630	1393	1011·5	963·9	...	75·5	58·8	41·7	9·5	32	...	0·8	...	...	0	1	26	1	3	2	0	1	0	20	0	4
	1730	..	1005·1	959·5	...	95·9	65·8	37·1	8·1	14	...	0·9	...	...	0	0	24	4	0	1	0	0	0	18	1	7
Ramagundam ...	0830	527	1011·4	993·6	...	78·9	68·6	62·4	19·2	58	...	1·3	...	3·5	0	0	27	4	4	0	11	6	0	0	2	4
	1730	..	1005·5	988·5	...	97·1	74·9	62·3	19·5	32	...	2·6	...	3·3	0	0	27	7	6	1	5	4	3	0	1	4

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations — Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1010·0	967·7	-1·6	80·8	62·0	43·9	10·5	30	-14	0·8	-0·4	1·4	0	0	21	1	6	0	4	0	3	0	7	10
	1730	,,	1004·5	963·3	...	94·1	66·7	40·5	10·0	18	...	1·1	...	0·7	0	0	11	2	4	0	1	0	0	1	3	20
Bidar ...	0830	2178	900·4	937·3	...	76·9	57·9	39·4	8[illegible]·7	28	-13	1·2	-0·6	7·9	0	4	27	3	6	3	1	2	6	2	8	0
	1730	,,	897·9	933·5	...	92·7	63·4	38·1	8[illegible]·1	15	...	1·6	...	7·2	0	2	28	4	8	3	0	4	4	4	3	1
Hyderabad, South																										
Gulbarga ...	0830	1503	1010·5	959·6	-0·9	78·7	58·2	38·3	8·3	25	-16	1·2	+0·5	5·2	0	0	29	4	10	6	1	4	0	0	4	2
	1730	,,	1004·0	955·0	...	96·9	64·4	35·6	7·4	12	...	2·1	...	3·9	0	0	28	10	1	2	1	1	6	3	4	3
Raichur ...	0830	1311	1010·6	966·2	-0·6	79·5	65·6	54·7	15·2	45	- 2	0·9	-0·1	5·2	0	0	29	3	3	0	6	1	4	6	6	2
	1730	,,	1004·9	961·9	...	96·1	70·0	50·7	13·3	23	...	1·3	...	4·9	0	0	31	3	7	6	5	4	2	1	3	0
Hyderabad (Nizamiah) ...	0830	1778	899·5	950·7	-0·7	77·6	63·2	52·3	13·9	44	-12	0·8	-0·6	4·6	0	1	21	1	3	5	5	1	1	2	4	9
	1730	,,	897·5	947·0	...	92·8	65·6	44·5	10·5	20	...	1·4	...	6·8	0	0	30	5	6	6	8	3	1	0	1	1
Hyderabad (Begumpet) ...	0530	1787	896·5	948·2	...	67·7	58·3	50·3	12·8	55	...	0·7	...	5·5	0	1	25	9	4	3	8	1	0	0	1	5
	0830	,,	899·8	950·7	...	77·2	62·7	51·5	13·5	44	...	0·8	...	6·0	0	1	24	5	3	3	6	1	2	3	2	6
	1130	,,	900·8	950·6	...	88·7	65·1	47·0	11·6	26	...	0·5	...	9·5	0	6	24	1	6	1	10	5	6	0	1	1
	1730	,,	897·4	946·7	...	92·1	64·7	42·6	9·8	19	...	1·4	...	8·3	0	5	23	4	8	5	4	6	0	0	1	3
	2330	,,	898·2	949·0	...	76·8	61·2	49·1	12·2	39	...	0·8	...	7·3	0	2	28	8	5	1	14	0	0	1	1	1
Hanamkonda ...	0830	881	1010·8	980·5	-1·5	76·4	68·7	63·0	20·5	67	+ 5	0·8	-1·2	6·0	0	0	30	2	0	0	13	13	2	1	0	1
	1730	,,	1005·4	976·2	...	94·3	67·6	45·8	11·0	21	...	0·5	...	3·7	0	0	30	4	2	5	9	6	1	1	2	1
Khammameth ...	0830	367	1011·5	998·7	...	77·9	73·6	70·2	26·4	78	...	2·1	...	5·4	0	1	30	0	0	9	20	1	0	1	0	0
	1730	,,	1006·3	994·0	...	96·5	71·4	53·5	14·9	25	...	1·1	...	4·5	0	0	30	4	0	5	13	2	0	4	2	1
Coastal Andhradesa																										
Nellore ...	0530	65	1001·1	1006·8	...	73·8	71·3	70·1	25·0	88	...	1·3	...	3·2	0	0	26	0	0	0	9	13	2	1	1	5
	0830	,,	1011·3	1009·1	-0·7	81·0	73·8	70·3	25·2	70	- 8	3·3	+1·2	3·7	0	0	26	0	0	0	7	16	3	0	0	5
	1130	,,	1010·5	1008·3	...	91·6	74·1	64·4	20·9	41	...	1·5	...	5·8	0	0	31	0	0	1	18	10	1	1	0	0
	1730	,,	1007·8	1005·6	...	86·8	75·6	69·9	25·2	57	...	2·8	...	6·9	0	0	31	0	0	0	13	19	1	0	0	0
	2330	,,	1010·1	1007·8	...	77·7	73·5	71·6	27·2	81	...	0·6	...	3·5	0	0	25	0	0	0	0	16	9	0	0	6
Ongole ...	0830	38	1011·3	1010·0	...	80·8	76·4	73·7	29·1	79	...	1·7	...	3·0	0	0	18	0	1	0	10	1	6	0	0	13
	1730	,,	1007·4	1006·1	...	85·4	77·7	70·3	28·9	71	...	1·1	...	8·1	0	0	31	0	0	0	23	1	1	0	0	0
Gannavaram ...	0530	88	1009·5	1006·5	...	73·4	71·3	70·2	25·3	90	...	0·7	...	3·3	0	0	24	1	3	15	2	2	0	0	1	7
	0830	,,	1011·8	1008·8	...	80·6	74·9	72·1	27·0	75	...	1·9	...	6·2	0	3	27	1	2	8	10	4	2	1	2	1
	1130	,,	1011·2	1008·2	...	90·2	74·9	67·0	22·6	47	...	1·7	...	8·5	0	3	28	0	0	3	7	15	5	0	1	0
	1730	,,	1007·4	1004·4	...	91·1	73·8	63·3	20·7	42	...	0·9	...	12·5	0	15	16	0	1	0	18	12	0	0	0	0
	2330	,,	1010·2	1007·2	...	76·9	72·8	70·7	25·7	81	...	0·6	...	2·7	0	0	22	0	0	3	12	4	1	1	1	9
Masulipatam ...	0530	10	1009·7	1009·3	...	74·2	71·6	70·3	25·3	87	...	1·0	...	2·8	0	0	16	0	0	0	2	13	1	0	0	15
	0830	,,	1011·6	1011·3	-0·9	81·4	75·3	72·2	27·2	75	- 4	2·8	-0·5	4·8	0	1	26	3	2	2	5	15	0	0	0	4
	1130	,,	1011·3	1010[illegible]0	...	87·5	76·3	70·5	25·9	58	...	1·9	...	8·6	0	3	28	1	0	4	16	7	2	0	1	0
	1730	,,	1007·5	1007·2	...	84·2	75·4	71·3	26·1	66	...	1·0	...	9·2	0	1	30	0	0	0	17	14	0	0	0	0
	2330	,,	1010·2	1009·9	...	78·6	74·4	72·3	27·1	82	...	0·7	...	4·6	0	0	22	0	0	0	8	14	0	0	0	9
Kakinada ...	0830	26	1012·5	1011·5	-0·4	82·8	75·8	72·5	27·3	71	- 3	2·7	0	5·7	0	0	30	0	2	0	6	0	16	0	6	1
	1730	,,	1008·0	1007·1	...	85·3	76·4	72·1	27·0	65	...	0·9	...	6·1	0	0	31	0	0	0	27	0	4	0	0	0
Visakhapatnam ...	0530	11	1009·7	1009·3	...	73·3	71·8	71·1	26·0	93	...	1·2	...	0·6	0	0	7	1	1	0	1	0	1	2	1	24
	0830	,,	1011·9	1011·5	-0·6	81·5	75·6	72·9	27·6	75	+ 2	2·1	-0·2	5·1	0	1	24	0	0	0	3	2	9	6	5	6
	1130	,,	1011·1	1010·7	...	89·1	78·1	72·9	27·8	60	...	1·5	...	9·9	0	5	26	0	1	1	4	10	10	5	0	0
	1730	,,	1008·0	1007·6	...	84·2	77·3	74·0	28·9	74	...	1·8	...	10·1	0	3	28	0	0	0	5	19	7	0	0	0
	2330	,,	1010·4	1010·1	...	77·9	75·1	74·0	29·5	87	...	1·3	...	1·5	0	0	11	0	0	0	3	1	4	2	1	20
Calingapatam ...	0830	19	1011·3	1010·6	-1·2	75·1	71·5	69·5	24·8	83	+ 8	3·3	+1·6	4·7	0	0	31	13	0	0	0	2	3	0	13	0
	1730	,,	1008·2	1007·4	...	83·5	76·7	73·5	28·3	72	...	2·7	...	11·0	0	3	28	0	0	1	1	14	15	0	0	0
Rentachintala ...	0830	348	1010·8	998·7	...	78·6	72·7	70·4	25·1	57	- 5	2·0	-1·1	2·3	0	0	18	0	0	2	2	13	1	0	0	13
	1730	,,	1006·2	994·6	...	98·0	70·7	60·5	13·3	31	...	1·6	...	2·3	0	0	21	5	2	5	2	5	1	1	0	10
Rayalaseema																										
Arogyavaram ...	0830	2299	901·1	933·9	...	75·0	65·2	58·8	17·2	59	...	2·5	...	1·9	0	0	23	0	0	0	11	10	2	0	0	8
	1730	,,	898·3	930·0	...	90·0	64·5	43·5	10·4	22	...	2·3	...	2·8	0	0	29	6	11	8	4	0	0	0	0	2
Cuddapah ...	0830	428	1011·0	996·4	-0·6	87·2	70·4	59·6	17·8	40	-17	0·8	-0·4	0·8	0	0	8	0	0	7	0	0	0	1	0	23
	1730	,,	1005·4	991·2	...	97·5	72·3	55·5	15·7	26	...	1·2	...	2·0	0	0	19	0	0	17	1	0	0	1	0	13
Bellary ...	0830	1473	1010·5	960·5	-0·8	79·8	67·8	59·3	17·8	51	+ 5	1·0	-0·2	1·9	0	0	19	0	1	1	5	0	1	0	11	12
	1730	,,	1003·9	955·9	...	96·2	72·8	55·9	16·9	30	...	1·9	...	1·9	0	0	22	0	0	9	1	3	0	1	0	8	9
Kurnool ...	0830	923	1010·8	979·2	-0·8	79·4	64·8	53·7	14·4	42	- 7	0·5	-0·5	3·0	0	0	16	0	0	0	2	6	3	3	1	15
	1730	,,	1004·6	974·2	...	97·8	68·4	44·9	10·4	17	...	0·8	...	2·4	0	0	15	0	0	0	2	3	4	2	4	16
Anantapur ...	0530	1147	1008·5	969·0	...	72·9	62·0	52·1	14·1	50	...	0	...	3·5	0	0	23	0	1	4	9	2	4	3	0	8
	0830	,,	1010·3	971·4	...	79·7	66·1	56·3	15·8	45	...	0·6	...	3·2	0	0	18	0	1	0	3	4	8	1	1	13
	1130	,,	1009·2	971·0	...	90·9	69·2	54·2	14·6	29	...	0·7	...	4·8	0	1	24	0	3	1	6	4	7	2	2	6
	1730	,,	1004·0	966·5	...	97·3	68·8	47·4	11·1	19	...	1·1	...	4·3	0	1	21	1	6	7	3	0	3	0	2	9
*	2330	,,	1007·8	969·1	...	83·0	65·1	51·0	13·1	34	...	0·4	...	4·9	0	1	20	0	1	16	4	0	0	0	0	9
Tamilnad																										
Palayamcottai ...	0830	167	1011·3	1005·5	...	80·9	75·0	72·9	27·0	75	...	2·0	...	2·9	0	0	31	13	7	0	0	0	0	2	9	0
	1730	,,	1006·8	1001·1	...	90·4	77·1	70·1	25·7	53	...	2·8	...	8·1	0	0	31	0	0	14	9	8	0	0	0	0
Pamban ...	0830	37	1011·3	1010·0	-0·7	83·0	76·8	73·9	28·7	74	- 2	2·7	+0·1	5·3	0	0	31	4	8	11	7	1	0	0	0	0
	1730	,,	1007·7	1006·4	...	84·4	77·2	74·0	28·6	74	...	2·8	...	5·5	0	1	30	5	11	7	3	4	1	0	0	0
Madurai ...	0830	437	1011·3	996·3	-1·0	81·7	74·2	70·5	25·5	69	0	2·8	-0·6	1·7	0	0	19	5	6	6	0	1	0	1	13	
	1730	,,	1006·1	991·5	...	93·2	73·5	63·3	19·3	37	...	2·7	...	2·4	0	0	26	0	7	10	6	1	1	1	0	5

* Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	Wind speed, (m.p.h.): 13 to 38	Wind speed, (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1011·7	1010·6	-0·6	81·3	74·7	71·5	26·4	72	− 3	2·7	-0·8	3·4	0	0	22	0	3	5	6	1	1	2	4	9
	1730	,,	1008·0	1006·9	...	83·6	75·6	71·7	26·6	68	...	1·8	...	8·0	0	0	31	0	4	16	10	1	0	0	0	0
Tiruchirapalli ...	0530	295	1010·3	999·9	...	74·5	71·4	69·8	25·0	85	..	2·7	...	0·7	0	0	5	0	3	1	1	0	0	0	0	26
	0830	,,	1011·9	1001·7	-1·1	80·9	74·0	70·7	25·5	71	− 6	2·3	0	3·4	0	0	23	3	9	7	2	1	0	1	0	8
	1130	,,	1011·1	1001·0	...	88·7	74·3	66·7	22·4	49	...	2·6	...	4·0	0	0	23	1	9	4	0	2	2	2	3	8
	1730	,,	1006·7	996·8	...	93·8	72·9	60·4	18·1	34	...	1·9	...	7·9	0	0	30	1	6	20	3	0	0	0	0	1
	2330	,,	1010·8	1000·6	...	79·5	72·8	69·2	24·5	71	...	1·0	...	5·9	0	1	23	0	0	17	4	3	0	0	0	7
Coimbatore ...	0830	1341	1011·5	965·9	-0·8	77·9	71·2	67·3	23 1	71	− 4	1·8	-0·8	4·5	0	0	31	7	11	4	1	2	2	2	2	0
	1730	,,	1005·2	961·1	...	92·7	73·0	61·3	18·1	36	...	1·9	...	4·8	0	0	31	5	6	6	5	3	4	2	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1009·6	964·8	...	71·8	70·0	68·8	24·2	91	...	1·6	...	4·3	0	0	27	9	2	2	0	2	6	1	5	4
	0830	,,	1011·1	966·9	...	78·4	73·1	70·2	25·5	76	...	2·0	...	3·3	0	0	22	3	12	3	1	0	3	0	0	9
	1130	,,	1009·6	966·0	...	87·4	74·8	68·0	23·8	54	...	1·6	...	5·2	0	0	28	4	8	6	6	3	1	0	0	3
	1730	,,	1004·7	961·8	...	92·4	75·6	66·3	22·6	45	...	1·8	...	6·8	0	1	27	0	5	11	3	4	3	0	2	3
	2330	,,	1009·6	965·3	...	77·8	74·8	73·3	23·1	87	...	1·3	...	6·5	0	0	30	0	0	1	3	7	18	1	0	1
Salem ...	0530	913	1009·8	978·3	...	73·8	69·3	66·9	22·4	79	...	1·7	...	2·5	0	0	27	1	3	14	5	1	2	0	1	4
	0830	,,	1011·5	980·3	-0·9	78·5	71·0	66·7	22·6	68	− 2	1·8	+0·3	4·5	0	0	30	0	4	21	3	0	1	1	0	1
	1130	,,	1010 1	979·5	...	89·5	71·9	60·8	18·8	40	...	1·3	...	4·4	0	0	30	2	3	3	2	6	5	3	6	1
	1730	,,	1004·8	974·7	...	94·9	72·2	57·0	16·7	31	...	1·8	...	3·3	0	0	28	1	4	19	2	0	0	2	0	3
	2330	,,	1009·4	978·5	...	81·1	71·8	66·3	22·4	62	...	1·3	...	3·1	0	4	26	1	10	11	5	2	1	0	0	1
Kallakurichi ...	0830	416	1011·4	997·1	...	78·6	72·0	68·3	23·8	71	...	2·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1003·1	992·2	...	92·9	70·9	56·5	15·8	32	...	2·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1009·7	1008·3	...	73·3	71·3	70·2	25·3	90	...	1 6	...	1·1	0	0	11	1	2	3	2	0	1	0	2	20
	0830	,,	1011·7	1010·4	-0·8	80·4	75·1	72·9	27·4	77	− 3	2·6	+0·1	5·5	0	0	28	4	4	0	3	1	3	9	4	3
	1130	,,	1011·2	1009·9	...	86·5	77·5	73·6	28·1	66	...	2·0	...	4·7	0	0	28	3	7	7	10	0	0	1	0	3
	1730	,,	1007·8	1006·5	...	83·4	76·9	74·0	28·4	71	...	1·5	...	4·9	0	0	31	0	4	9	17	1	0	0	0	0
	2330	,,	1010·4	1009·0	...	79·7	75·5	73·5	28·2	81	...	0·8	...	3·8	0	0	21	0	5	9	5	1	1	0	0	10
Vellore ...	0530	703	1009·9	985·4	...	72·1	68·5	66·2	22·2	82	...	1·7	...	1·5	0	0	14	1	0	1	0	7	4	1	0	17
	0830	,,	1011·4	987·2	-0·7	77·8	70·2	65·7	21·8	67	− 9	1·7	-0·1	0·5	0	0	7	0	0	1	0	5	0	0	1	24
	1130	,,	1010·0	986·4	...	90·1	71·5	60·7	18·8	38	...	1·7	...	4·9	0	0	28	2	7	3	4	8	2	0	2	3
	1730	,,	1006·0	982·6	...	93·4	70·3	54·7	14·9	28	...	1·9	...	6·4	0	0	31	0	3	10	12	6	0	0	0	0
	2330	,,	1010·6	986·5	...	79·0	70·8	66·0	22·0	65	..	0·7	...	5·7	0	0	29	0	1	4	13	11	0	0	0	2
Madras ...	0530	51	1009·5	1007·7	...	75·3	72·3	70·5	25·8	85	...	2·4	...	4·6	0	0	31	0	0	0	3	2	5	18	3	0
	0830	,,	1011·7	1010·0	-0·7	80·7	74·3	71·2	26·0	73	− 4	3·0	+0·9	5·4	0	0	30	0	1	1	1	4	7	13	3	1
	1130	,,	1011·1	1009·3	...	89·0	75·5	68·8	24·0	51	...	2·5	...	7·8	0	1	29	0	1	3	11	9	5	1	0	1
	1730	,,	1007·9	1006·2	...	84·6	75·1	70·5	25·4	63	...	2·3	...	9·9	0	1	30	0	1	0	9	20	2	0	0	0
	2330	,,	1010·7	1008·9	...	78·8	74·1	71·6	26·5	79	...	1·8	...	5·0	0	0	30	0	0	7	18	5	0	0	0	1
Madras (Nungambakkam) ...	0830	21	1010·9	1010·2	...	81·7	74·4	71·0	25·8	69	...	2·8	...	3·2	0	0	27	0	0	1	6	7	9	3	1	4
Malabar and South Kanara																										
Mangalore ...	0530	72	1009·3	1006·8	...	76·7	73·3	71·7	26·4	84	...	2·7	...	4·9	0	0	31	1	8	22	0	0	0	0	0	0
	0830	,,	1011·3	1008·7	-0·8	80·0	74·3	71·5	26·4	75	+ 1	2·8	+1·0	4·4	0	0	31	1	5	23	2	0	0	0	0	0
	1130	,,	1011·3	1008·8	...	85·3	76·1	71·7	26·6	64	...	1·9	...	5·4	0	0	31	2	1	1	1	0	0	5	12	9
	1730	,,	1007·7	1005·3	...	84·9	76·4	72·5	27·3	66	...	2·2	...	8·1	0	0	31	3	0	0	0	0	2	14	12	0
	2330	,,	1010·3	1007·8	...	81·0	74·7	71·9	26·5	74	...	2·4	...	4·5	0	0	29	7	8	3	0	0	1	3	7	2
Kozhikode ...	0530	27	1008·9	1008·0	...	77·8	74·6	73·2	27·8	85	...	1·9	...	4·2	0	0	30	2	17	10	0	0	0	0	1	1
	0830	,,	1011·2	1010·3	-0·6	82·8	76·1	73·3	27·7	73	− 3	2·2	+0·1	4·5	0	0	31	3	9	11	1	1	0	3	3	0
	1130	,,	1011·1	1010·2	...	89·4	78·4	73·8	28·1	60	...	2·4	...	6·3	0	0	31	0	0	0	1	0	3	20	8	0
	1730	,,	1007·4	1006·5	...	87·4	78·9	74·7	29·8	67	...	2·7	...	12·9	0	13	18	1	0	0	0	0	1	16	13	0
	2330	,,	1010·0	1009·1	...	82·5	76·9	74·2	29·0	76	...	2·1	...	6·8	0	2	29	7	6	1	0	0	1	4	12	0
Palghat ...	0830	319	1011·2	1000·3	...	82·1	74·6	70·7	25·9	69	...	1·8	...	4·2	0	0	27	0	0	16	0	0	1	10	0	4
	1730	,,	1006·0	995·3	...	92·6	75·7	66·5	22·7	45	...	2·1	...	8·8	0	2	29	0	1	6	1	0	4	16	3	0
Mysore																										
Chitaldrug ...	0830	2405	901·1	930·1	-1·0	75·3	66·0	60·0	18·0	60	+10	1·4	+0·1	3·1	0	0	29	0	0	6	5	0	5	13	0	2
	1730	,,	898·1	926·0	...	93·6	65·8	46·3	10·3	21	...	2·2	...	2·7	0	0	30	0	6	12	0	0	2	8	2	1
Shimoga ...	0830	1872	899·6	948·0	...	71·2	66·3	63·5	20·1	77	...	1·8	...	1·0	0	0	12	0	0	0	0	4	6	2	0	19
	1730	,,	896·9	945·1	...	93·1	67·2	48·5	12·2	23	...	2·5	...	4·6	0	0	27	3	7	5	0	2	4	3	3	4
Hassan ...	0830	3149	902·4	906·8	...	70·3	64·6	61·0	18·5	74	+ 9	1·3	-0·2	3·0	0	0	23	0	0	4	4	2	3	9	1	8
	1730	,,	898·7	902·9	...	87·7	65·2	48·9	12·1	28	...	1·8	...	5·4	0	2	26	3	2	10	3	0	2	8	0	3
Bangalore (Central Observatory) ...	0830	3021	902·5	910·9	-0·6	73·4	64·7	59·0	17·4	61	− 3	1·7	+0·3	5·0	0	0	27	0	1	1	8	3	7	7	0	4
	1130	,,	902·1	910·5	...	84·7	64·0	49·5	12·0	38	...	1·5	...	6·1	0	1	29	1	2	5	6	2	10	3	1	1
	1730	,,	998·5	906·8	...	88·2	62·5	40·6	8·9	19	...	2·1	...	4·9	0	0	25	0	7	7	7	1	0	1	2	6
Bangalore (Aerodrome) ...	0530	2942	900·2	911·3	...	68·0	62·8	59·3	17·4	74	...	1·1	...	...	...	...	...	0	0	1	7	0	1	3	0	19
	0830	,,	902·3	913·3	...	74·0	65·7	60·3	18·2	63	...	2·2	...	...	...	...	...	0	0	3	7	3	4	9	1	4
	1130	,,	902·2	913·1	...	84·9	64·9	50·1	12·9	32	...	1·9	...	...	...	...	...	2	2	8	8	2	1	6	0	2
	1730	,,	898·6	909·3	...	88·9	63·7	45·9	9·9	21	...	2·6	...	...	...	...	...	1	4	7	4	3	0	0	1	11
	2330	,,	901·3	912·3	...	75·7	62·8	53·6	14·3	47	...	1·2	...	...	...	...	...	0	0	7	14	1	1	0	0	8

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	901·5	926·8	−0·9	74·2	67·6	64·3	20·4	71	+ 4	1·7	−0·3	3·5	0	0	26	1	0	5	0	9	1	8	2	5
	1730	,,	898·5	922·8	...	91·2	65·7	46·6	11·3	23	...	2·1	...	5·6	0	2	29	5	11	8	0	0	0	4	3	0
Balehonnur ...	0830	2917	...	...	...	68·3	65·3	63·5	20·1	85	+ 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1011·2	1010·9	−0·8	83·0	77·5	75·1	29·7	77	+ 2	4·4	+2·4	4·2	0	0	30	2	20	6	1	0	0	0	1	1
	1730	,,	1007·2	1006·9	...	85·6	79·6	76·9	31·8	76	...	3·3	...	12·8	0	14	17	0	0	0	0	0	2	17	12	0
Cochin(Willingdon Island Aerodrome) ...	0530	8	1009·2	1009·0	...	77·9	75·3	74·0	28·8	88	...	3·6	...	2·3	0	0	16	1	7	6	0	0	0	1	1	15
	0830	,,	1011·1	1010·9	...	82·0	76·1	73·5	28·1	76	...	3·0	...	4·1	0	0	28	6	15	4	0	0	0	0	3	3
	1130	,,	1010·8	1010·6	...	87·1	77·7	73·4	28·9	64	...	3·0	...	6·4	0	1	29	2	1	0	1	0	1	10	15	1
	1730	,,	1007·3	1007·1	...	85·7	77·8	74·3	29·0	69	...	2·7	...	9·1	0	0	31	0	0	0	0	0	2	18	11	0
	2330	,,	1010·4	1010·2	...	81·7	76·5	74·2	28·8	78	...	3·3	...	3·0	0	0	22	4	5	4	0	1	0	4	4	9
Alleppey ...	0830	12	1011·0	1010·6	...	85·2	78·8	76·1	30·7	74	...	4·2	...	4·7	0	0	31	3	10	10	4	1	0	0	3	0
	1730	,,	1007·4	1007·0	...	87·0	79·5	76·4	31·0	71	...	2·7	...	15·5	0	23	8	0	0	0	1	0	2	14	14	0
Trivandrum ...	0530	211	1009·1	1001·8	...	77·1	74·6	73·4	28·1	88	...	1·2	...	2·5	0	0	27	7	12	3	2	0	0	0	3	4
	0830	,,	1011·0	1003·7	−0·8	80·0	75·6	73·5	28·2	81	+ 4	1·5	−0·7	2·5	0	0	28	9	11	2	1	0	0	1	4	3
	1130	,,	1010·5	1003·4	...	88·3	76·4	70·5	25·7	56	...	3·0	...	4·3	0	0	31	1	2	0	1	0	14	7	6	0
	1730	,,	1007·6	1000·4	...	85·8	77·2	73·2	28·0	66	...	3·4	...	5·5	0	0	31	0	2	0	0	1	15	8	5	0
	2330	,,	1010·6	1003·3	...	80·7	76·5	74·7	29·3	82	...	1·9	...	2·0	0	0	24	7	4	0	0	0	1	1	11	7
Nagercoil ...	0530	195	1008·9	1002·2	...	77·2	73·4	71·5	26·4	83	...	1·8	...	2·8	0	0	22	5	7	1	0	0	0	5	4	9
	0830	,,	1010·8	1004·2	...	83·3	74·6	70·1	25·3	65	...	2·0	...	3·8	0	0	24	1	14	2	0	0	1	2	4	7
	1130	,,	1010·5	1003·9	...	90·8	75·2	66·8	23·0	46	...	2·8	...	6·5	0	1	29	0	10	1	2	0	6	11	0	1
	1730	,,	1007·3	1000·7	...	85·3	76·0	71·3	26·4	64	...	4·5	...	8·8	0	3	28	0	1	3	0	2	9	16	0	0
	2330	,,	1010·3	1003·6	...	80·6	75·2	72·6	27·4	77	...	1·5	...	3·2	0	0	22	2	3	0	0	0	3	11	3	9
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	900·3	890·5	...	66·2	56·1	46·9	11·4	53	...	4·2	...	5·7	0	3	25	2	2	9	3	2	6	3	1	3
	1730	,,	897·9	888·2	...	67·9	57·2	47·3	11·9	51	...	4·7	...	5·2	0	2	29	0	0	1	1	1	12	11	5	0
Shillong ...	0830	4921	900·8	850·0	−0·7	60·9	51·4	41·6	9·1	52	+ 7	3·8	+1·9	2·2	0	0	15	0	0	0	0	1	13	1	0	16
	1730	,,	898·4	847·6	...	60·4	53·5	47·2	11·1	63	+ 7	4·6	...	1·9	0	0	16	1	0	0	0	1	11	3	0	15
Cherrapunji ...	0830	4309	902·3	870·6	0	61·4	53·4	45·4	10·7	61	+ 3	3·9	+0·9	2·6	0	0	31	0	8	7	1	0	12	2	1	0
	1730	,,	899·2	867·0	...	61·4	55·1	49·6	12·1	68	+ 4	3·1	...	2·1	0	0	28	0	2	0	1	3	17	5	0	3
Darjiling ...	0830	7432	800·1	775·4	−0·6	48·9	44·8	40·4	8·7	77	+ 8	4·9	+1·9	5·0	0	0	31	0	3	10	5	1	3	7	2	0
	1730	,,	798·1	773·4	...	46·9	45·5	44·2	9·8	91	...	5·1	...	6·5	0	3	26	0	0	1	1	0	4	23	0	2
Darjiling (Raj Bhawan) ...	0830	6980	804·3	792·4	...	50·3	46·2	42·1	9·2	75	...	5·6	...	0·8	0	0	12	4	2	0	0	1	2	2	1	19
	1730	,,	802·2	790·0	...	50·8	46·6	43·0	9·4	76	...	6·0	...	2·6	0	1	21	0	1	1	0	1	12	7	0	9
Kalimpong ...	0830	3965	900·1	878·4	−1·8	56·3	52·6	49·4	12·1	78	+16	2·0	+0·2	2·8	0	0	23	0	0	0	1	0	0	0	22	8
	1730	,,	897·8	876·0	...	60·3	55·1	50·2	12·9	72	+12	3·3	...	4·1	0	0	29	0	0	0	26	0	0	0	3	2
Katmandu ...	0830	4388	903·2	868·1	...	55·9	51·4	47·4	11·2	74	+ 8	3·9	+0·9	0·6	0	0	6	0	0	2	2	0	0	1	1	25
	1730	,,	899·3	865·0	...	64·6	55·3	47·4	11·0	55	+ 3	4·2	...	1·2	0	0	12	1	0	0	4	4	2	0	1	19
Mukteswar (Kumaon) ...	0830	7592	800·5	771·0	−1·5	45·9	39·2	30·9	5·2	58	+14	3·0	+0·4	7·5	0	4	24	1	5	5	2	1	1	7	6	3
	1730	,,	798·9	769·7	...	50·4	43·3	35·6	6·5	59	...	3·5	...	9·8	0	10	20	1	3	2	0	1	5	13	5	1
Lokpal ...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	798·7 (a)	795·5 (a)	...	48·3	41·3	32·0	6·4	57	...	4·5	...	3·7	0	3	18	6	7	1	3	3	1	0	0	10
	1730	,,	798·4	794·5	...	49·1	42·5	35·3	6·9	59	...	4·9	...	4·1	0	0	28	2	3	3	6	9	4	0	1	2
Simla ...	0830	7224	799·2	780·3	−1·0	47·7	38·8	24·8	4·0	47	+11	3·9	+0·7	1·9	0	0	23	5	0	1	6	7	2	1	1	8
	1730	,,	798·5	779·6	...	50·0	42·0	32·5	5·5	55	...	4·3	...	3·1	0	0	30	5	5	0	3	8	6	1	2	1
Dalhousie ...	0830	...	...	...	...	48·0	43·3	37·7	7·9	73	...	2·3	...	3·1	0	2	9	0	7	0	4	0	0	0	0	20
	1730	...	...	...	...	51·4	47·9	44·8	10·1	81	...	4·0	...	1·9	0	0	12	0	9	0	2	0	0	1	0	19
Dharamshala ...	0830	3975	906·6	884·1	...	54·3	49·1	40·3	9·7	51	...	3·5	...	1·7	0	0	27	7	0	17	0	1	0	2	0	4
	1730	,,	905·3	883·5	...	64·1	52·9	63·1	9·4	48	...	4·6	...	3·2	0	0	31	2	0	8	0	4	0	17	0	0
Pachmarhi ...	0830	3538	902·4	894·8	−0·9	70·3	53·8	35·5	7·5	30	− 7	0·9	−0·7	3·9	0	0	30	3	7	5	0	1	2	4	8	1
	1730	,,	899·8	892·3	...	81·5	57·6	33·1	6·6	19	...	1·9	...	2·5	0	0	27	4	3	1	1	1	0	7	10	4
Abu ...	0830	3921	901·4	881·5	−0·8	68·1	51·4	30·3	6·3	28	− 7	0·6	−0·9	3·5	0	0	14	1	2	1	0	0	4	4	2	17
	1730	,,	899·6	880·0	...	75·0	54·6	29·7	6·4	23	...	1·3	...	2·1	0	0	18	1	1	0	0	1	6	6	3	13
Mahabaleshwar ...	0830	4534	902·3	863·7	+0·4	68·1	53·7	38·4	8·3	36	− 1	1·1	+0·4	7·1	0	1	29	8	10	7	1	0	1	0	3	1
	1730	,,	899·2	861·4	...	78·5	62·1	48·6	12·4	38	...	1·1	...	5·3	0	0	31	2	3	0	1	0	5	3	17	0
Nandi Hills ...	0830	4661	...	...	...	68·1	59·1	51·5	13·5	56	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	903·0	887·6	+0·5	67·5	61·7	57·7	16·4	73	+ 4	2·6	0	1·7	0	0	18	0	1	1	0	0	0	8	8	13
	1730	,,	900·2	885·2	...	79·6	67·3	60·0	17·8	52	...	2·5	...	3·6	0	0	31	0	1	1	0	0	0	14	15	0
Kodaikanal ...	0830	7688	803·6	773·2	0	57·1	47·6	36·4	7·8	51	+ 5	2·1	+0·4	8·1	0	6	24	7	12	2	7	1	0	0	1	1
	1130	,,	803·6	773·6	...	64·0	52·5	42·2	9·4	47	...	3·1	...	10·6	0	8	23	6	15	0	6	0	0	0	4	0
	1730	,,	802·0	770·9	...	60·9	53·7	48·2	11·5	65	...	3·4	...	5·0	0	0	30	9	11	0	5	0	0	1	4	1
Ootacamund ...	0830	7378	803·1	786·2	−0·6	54·8	48·3	42·0	9·2	64	+14	1·7	0	3·3	0	0	17	1	9	6	1	0	0	0	0	14
	1730	,,	801·2	778·7	...	65·3	55·6	48·3	11·6	55	...	3·3	...	1·4	0	0	19	0	11	5	2	1	0	0	0	12
Coonoor ...	0830	...	...	...	...	62·7	55·1	49·5	12·2	64	+ 2	3·9	+1·7	4·4	0	0	31	0	2	2	21	6	0	0	0	0
Sikkim																										
Lachen ...	0830	...	...	...	...	41·0	38·6	36·2	7·0	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	40·3	38·2	35·7	7·2	85	+1	0·1	-2·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	627·0	653·4	...	37·2	36·0	34·0	6·8	86	...	2·1	...	1·0	0	0	11	0	0	0	7	2	2	0	0	20
Gyantse ...	0830	13,110	622·1	622·8	...	33·8	27·7	19·7	3·3	53	+10	2·4	+1·3	1·2	0	0	16	0	2	6	3	2	3	0	0	15
Ceylon																										
Colombo ...	0830	24	1010·9	1010·1	-0·8	79·7	76·2	74·8	29·3	85	−2	3·6	-0·1	3·4	...	...	...	1	6	10	9	1	0	0	1	3
	1730	,,	1007·7	1006·8	...	84·5	77·5	74·2	29·0	72	...	4·9	...	7·7	...	...	...	2	0	0	2	0	4	16	7	0
Trincomalee ...	0830	24	1011·3	1010·4	0	80·9	75·4	72·3	27·6	76	−7	3·2	+0·2	5·2	...	...	...	5	6	0	2	2	8	2	2	4
	1730	,,	1008·0	1007·1	...	83·0	75·7	72·2	27·0	70	...	2·8	...	8·4	...	...	...	9	15	4	3	0	0	0	0	0
Batticoloa ...	0830	20	1010·9	1010·5	...	79·5	76·2	74·4	29·4	85	...	3·2	...	4·8	...	...	...	0	3	0	1	2	3	10	10	2
	1730	,,	1007·9	1007·6	...	83·2	77·0	74·2	29·2	75	...	3·1	...	9·7	...	...	...	1	21	4	3	2	0	0	0	0
Hambantota ...	0830	61	1010·7	1008·7	-0·8	81·0	76·0	73·3	28·4	78	−6	3·0	0	8·5	...	...	...	11	10	1	0	0	0	2	6	1
	1730	,,	1007·8	1005·8	...	84·4	78·9	75·3	31·2	77	...	4·6	...	12·9	...	...	...	0	1	11	6	3	9	0	1	0
Mannar ...	0830	12	1011·4	1010·9	...	79·5	75·5	73·5	28·3	82	...	2·0	...	5·0	...	...	...	2	5	8	10	3	2	0	0	1
	1730	,,	1007·6	1007·1	...	86·4	76·9	71·7	27·3	63	...	2·3	...	6·8	...	...	...	13	4	1	0	0	6	2	4	1
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1009·8	982·0	...	61·9	56·9	52·6	13·5	73	...	2·5	...	2·3	0	0	24	0	0	1	2	0	0	2	19	7
	0830	,,	1011·2	983·9	...	71·2	60·8	52·2	13·5	53	...	2·2	...	2·1	0	0	19	0	1	1	4	0	4	1	8	12
	1130	,,	1010·0	983·4	...	85·6	63·9	43·7	10·5	26	...	2·2	...	5·0	0	1	28	1	1	2	8	3	4	3	7	2
	1730	,,	1006·3	979·9	...	85·9	62·4	39·0	8·6	23	...	3·0	...	6·4	0	2	26	3	2	2	4	0	2	5	10	3
	2330	,,	1009·8	982·9	...	69·0	59·7	51·9	13·3	56	...	1·1	...	2·5	0	0	26	1	1	0	2	0	1	3	18	5
Hazaribagh ...	0530	2019	896·6	940·1	...	62·4	54·1	46·4	10·6	58	...	2·2	...	3·2	0	0	23	2	1	3	1	5	6	4	1	8
	0830	,,	899·1	941·9	...	72·9	58·2	45·0	10·7	39	...	1·9	...	5·0	0	0	28	4	1	0	2	6	7	4	4	3
	1130	,,	899·6	941·7	...	80·6	59 3	39·4	8·7	26	...	1·9	...	6·8	0	2	28	3	0	0	0	3	5	7	12	1
	1730	,,	896·8	938·9	...	79·6	58·9	39·0	8·6	27	...	2·8	...	6·2	0	1	28	7	1	0	0	1	1	7	12	2
	2330	,,	897·5	940·6	...	67·0	55·7	45·4	10·6	48	...	0·7	...	2·0	0	0	21	1	0	4	2	6	0	3	5	10
Mahanadi Catchment																										
Baramul ...	0830	210	1011·2	1003·8	...	72·5	65·5	61·9	18·3	66	...	...	...	1·7	0	0	19	0	4	0	1	1	13	0	0	12
	1730	,,	1006·3	998·3	...	87·4	68·9	57·0	15·8	37	...	...	...	0·7	0	0	10	1	1	2	0	1	3	0	2	21
Hirakud ...	0830	522	1011·4	993·3	...	79·1	66·1	56·7	16·0	48	...	...	...	0·8	0	0	18	2	3	5	4	2	0	1	1	13
	1730	,,	1008·1	990·4	...	89·3	66·4	49·2	12·4	29	...	...	...	2·3	1	0	15	4	0	4	0	0	0	6	2	15
Barkachhar ...	0830	...	...	...	...	76·1	62·4	49·8	13·4	42	...	0·2	...	4·2	0	0	28	1	1	2	4	5	10	4	1	3
	1730	...	...	...	...	89·9	65·0	41·6	10·2	23	...	0·2	...	3·7	0	1	27	4	3	2	0	2	6	4	7	3
Sonepur ...	0830	...	...	...	...	77·0	67·5	60·9	18·7	60	...	...	...	2·8	0	0	25	3	0	6	9	1	1	4	1	6
Ginabahar ...	0830	...	...	...	...	77·5	73·8	69·6	26·8	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	78·9	64·5	54·3	14·1	44	...	1·5	...	2·5	0	0	21	2	3	6	0	4	1	4	1	10
	1730	...	...	...	...	90·3	67·3	50·1	12·4	29	...	1·6	...	1·9	0	0	19	0	3	1	2	2	1	8	2	12
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	47·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	76·8	58·8	40·6	9·4	30	...	0·3	...	3·1	0	0	24	0	10	1	0	1	9	3	0	7
	1730	...	...	...	...	94 8	66·9	43·0	9·9	18	...	0·7	...	6·1	0	2	29	2	8	0	0	0	13	5	3	0
Bagra Tawa ...	0830	...	...	...	...	74·6	58·2	42·6	9·1	33	...	1·0	...	3·7	0	0	28	0	6	3	1	0	17	0	1	3
	1730	...	...	...	...	92·1	66·3	44·0	10·2	23	...	1·2	...	4·3	0	0	29	1	4	3	1	0	18	1	1	2
Thikri ...	0830	...	...	...	...	75·5	70·0	65·3	22·5	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	78·9	69·1	62·9	19·9	60	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	65·8	56·3	47·8	11·2	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	76·4	64·0	56·5	14·8	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

MARCH 1952

ALLAHABAD (Sur. Pr. 997 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	96	297·7	303	289	282·1
1000	31	76	...	...	...	...
900	31	1000	295·0	301	287	274·6
850	31	1491	290·4	296	283	272·6
800	31	2006	286·0	290	280	271·1
700	31	3110	277·2	283	270	264·2
600	30	4340	267·3	274	260	...
500	30	5743	257·7	264	247	...
400	30	7391	246·1	255	234	...
300	27	9409	233·0	246	220	...
250	24	10627	225·5	241	215	...
200	21	12082	218·8	233	205	...
175	13	12923	215·8	230	205	...
150	10	13914	212·1	227	201	...
125	8	15050	210·5	222	199	...
100	6	16098	205·5	217	195	...
80	...	...	...	...	...	...

CALCUTTA (1009 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	5	298·4	301	289	290·6
1000	28	83	...	...	...	...
900	27	1004	294·4	301	287	278·6
850	26	1495	290·6	298	281	274·8
800	26	2009	286·0	295	276	272·0
700	26	3111	277·6	284	271	265·5
600	25	4350	269·6	275	264	...
500	24	5768	260·6	267	253	...
400	16	7457	250·8	255	243	...
300	10	9535	238·4	243	235	...
250	8	10771	229·0	237	224	...
200	...	...	...	...	...	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (984 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	218	300·6	307	297	277·1
1000	30	76	...	...	...	...
900	30	1002	295·6	302	291	274·6
850	30	1494	290·8	296	287	273·7
800	30	2009	285·7	291	282	272·3
700	30	3109	276·2	280	272	267·3
600	30	4337	266·8	271	261	...
500	30	5737	257·1	262	252	...
400	30	7380	245·1	253	238	...
300	24	9385	231·3	241	234	...
250	22	10590	223·2	233	215	...
200	22	12027	216·1	223	206	...
175	12	12855	212·7	221	203	...
150	7	13841	210·3	216	202	...
125	5	14964	209·2	212	205	...
100	5	16345	206·6	208	201	...
80	...	...	...	...	...	...

MADRAS (1008 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	15	300·2	301	299	294·9
1000	31	85	...	...	...	...
900	31	1015	297·1	300	291	279·8
850	31	1509	294·5	299	288	276·2
800	31	2034	291·1	296	286	274·5
700	31	3164	283·8	288	280	267·1
600	31	4431	277·1	280	273	258·2
500	30	5893	269·1	273	264	...
400	29	7646	258·7	262	254	...
300	24	9733	245·6	255	239	...
250	19	11013	235·5	241	230	...
200	11	12519	225·0	230	220	...
175	7	13401	218·3	226	214	...
150	6	14343	211·0	215	205	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (973 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	307	301·1	307	296	278·6
1000	30	62	...	...	...	...
900	30	998	300·0	305	295	281·0
850	30	1494	296·0	301	291	278·4
800	30	2022	290·7	296	286	277·1
700	30	3143	280·9	285	278	272·1
600	27	4397	271·8	275	267	...
500	26	5827	264·5	270	258	...
400	27	7520	253·4	259	245	...
300	21	9605	238·7	247	233	...
250	18	10858	232·0	237	225	...
200	16	12355	223·4	230	217	...
175	14	13234	218·1	226	209	...
150	8	14191	211·7	221	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (984 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	217	296·1	301	287	283·5
1000	31	79	...	...	...	...
900	31	995	293·8	299	287	274·7
850	31	1484	290·0	295	282	271·7
800	31	1997	285·4	291	276	270·1
700	31	3098	275·9	284	268	263·7
600	31	4332	265·8	274	259	...
500	31	5715	255·5	264	246	...
400	31	7346	243·2	255	237	...
300	28	9325	229·3	238	220	...
250	25	10532	222·6	237	212	...
200	18	11963	216·3	229	205	...
175	11	12785	212·2	225	203	...
150	7	13870	211·6	222	197	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

MARCH 1952

	POONA (Sur. Pr. 948 mb.)						PORT BLAIR (1008 mb.)						TRIVANDRUM (1002 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	31	546	299·9	304	296	282·7	31	2	300·0	302	298	295·0	31	64	301·1	302	298	296·7
1000	31	80	...	...	...	...	31	92	...	...	...	...	31	81	...	...	...	...
900	31	1010	298·7	304	293	277·7	31	1013	294·0	296	292	289·0	31	1009	294·8	297	293	291·0
850	31	1508	295·9	300	291	272·8	31	1510	292·0	295	288	286·0	31	1503	292·4	295	290	288·5
800	31	2035	292·0	295	289	270·2	31	2030	289·0	294	286	283·0	31	2026	289·6	292	287	283·9
700	31	3161	283·1	287	279	265·3	31	3154	284·0	292	275	274·0	30	3154	284·7	287	283	278·7
600	31	4423	274·9	279	271	258·7	31	4424	277·0	280	273	258·0	29	4427	277·2	279	274	262·8
500	31	5872	267·8	273	263	...	30	5878	269·0	272	264	...	26	5886	269·2	272	267	...
400	31	7587	256·5	261	254	...	25	7602	259·0	263	256	...	26	7615	259·0	261	256	...
300	31	9690	242·7	251	238	...	17	9714	244·0	249	241	...	20	9737	244·7	248	240	...
250	31	10924	233·9	240	228	...	15	10990	235·0	239	232	...	15	12011	234·9	241	231	...
200	24	12454	223·8	232	217	...	10	12471	226·0	230	220	...	13	12511	224·7	230	221	...
175	12	13327	218·3	225	212	...	8	13347	220·0	226	216	...	9	13381	218·4	223	214	...
150	9	14329	215·2	219	205	...	7	14357	216·0	222	211	...	9	14366	211·0	216	206	...
125	...	...	...	...	...	...	...	...	...	...	...	...	7	15434	203·0	208	200	...
100	...	...	...	...	...	...	...	...	...	...	...	...	5	16764	199·2	205	194	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	VERAVAL (1009 mb.)						VISAKHAPATNAM (1004 mb.)					
Surface	29	8	297·8	299	296	294·4	31	48	300·5	302	298	295·5
1000	29	89	...	...	...	...	31	81	...	...	...	...
900	29	1015	297·1	302	292	278·1	31	1007	296·1	300	293	283·9
850	29	1511	294·0	299	289	275·7	31	1501	293·7	297	290	280·0
800	29	2033	289·8	294	285	272·6	31	2023	290·2	294	287	277·6
700	29	3153	281·8	286	278	265·9	31	3147	281·9	290	275	271·0
600	28	4413	274·8	278	270	263·4	31	4412	274·8	284	270	263·9
500	28	5858	266·1	270	258	...	31	5857	266·9	271	263	...
400	28	7568	255·5	262	251	...	30	7550	256·4	261	248	...
300	24	9660	241·5	246	235	...	30	9664	242·1	249	236	...
250	24	10927	233·0	238	229	...	27	10930	233·2	241	228	...
200	18	12413	223·3	229	215	...	20	12404	222·5	229	216	...
175	15	13277	217·1	223	211	...	16	13290	218·4	227	208	...
150	11	14244	211·5	220	201	...	13	14249	213·4	223	203	...
125	...	...	...	...	...	...	8	15400	204·1	216	206	...
100	...	...	...	...	...	...	5	16803	204 0	208	196	...
80	...	...	...	...	...	...	...	...	...	...	...	...

Note:— Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.

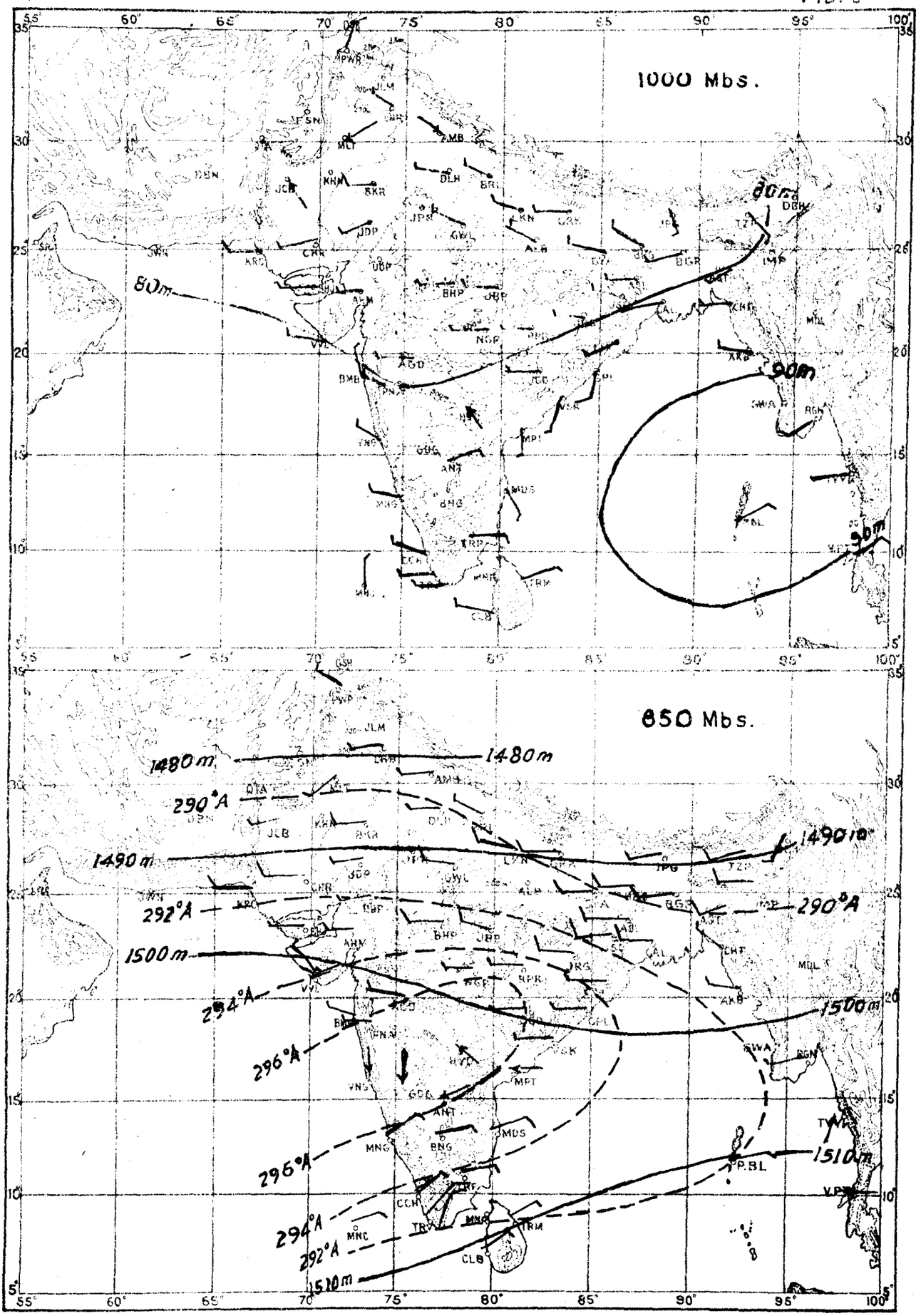
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S,—110 DDG Ob. Poona—10-3-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MARCH 1952

Plate I



RESULTANT WIND ——= 5 Knots, ——= 10 Knots, ——= 50 Knots.

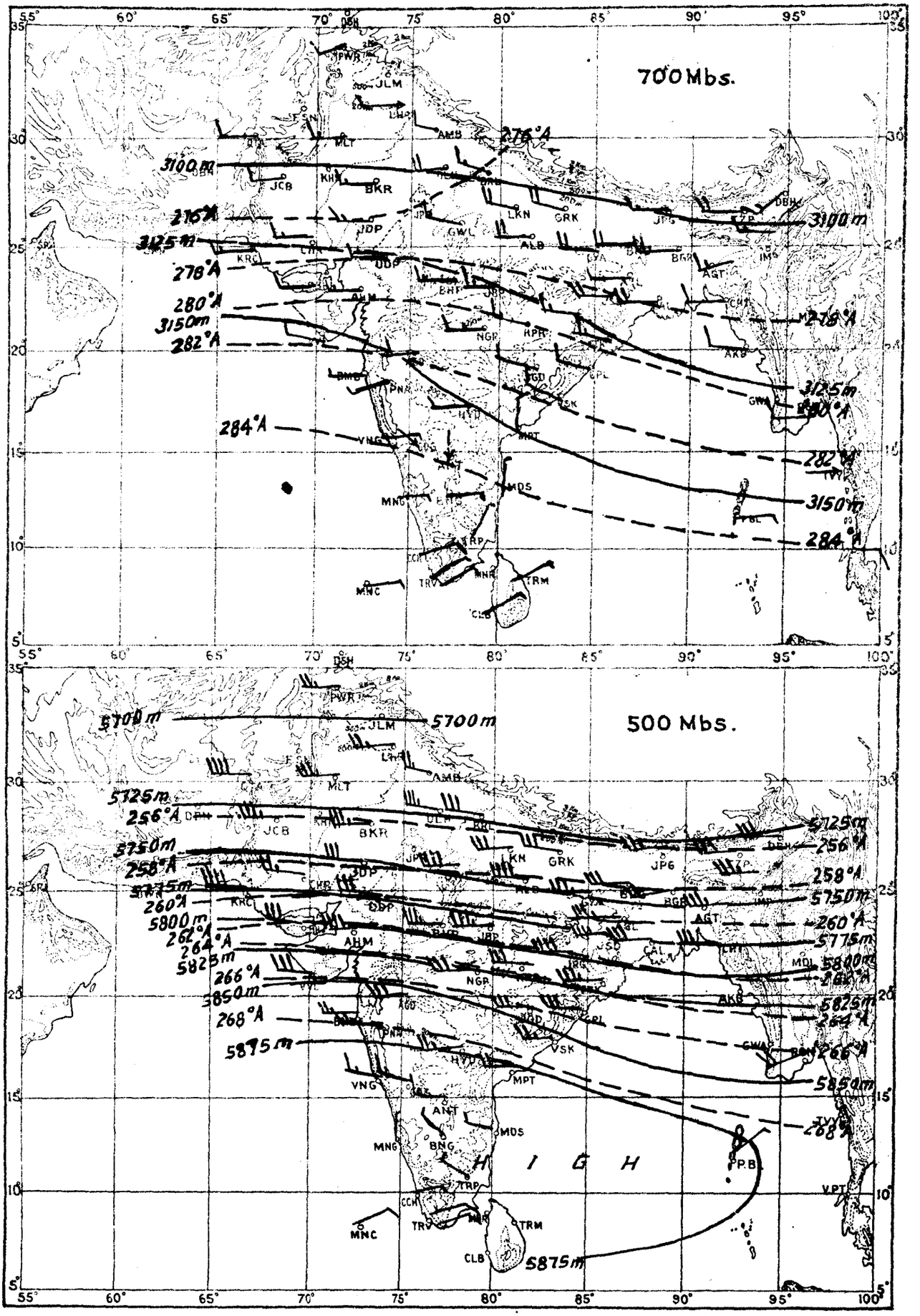
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MARCH 1952

Plate II



RESULTANT WIND ——\= 5 Knots, ——\= 10 Knots, ——◥= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

APRIL

Published by authority of the Government of India

Chief feature : (1) Four western disturbances across northwest India

Of the four western disturbances during the month only the last one was active. It moved from north Baluchistan to the Kumaon hills between the 23rd and 29th, and caused widespread thundershowers in the hills of the Punjab (I) on the 28th and 29th. Local thundershowers were also reported from Kashmir on the 28th and in Kumaon hills on the 28th.

Details regarding the movement and activity of each of the western disturbances are give in the following table :

TABLE

S. No.	Period	Course	Regions affected	Nature of precipitation	Remarks
	31st of last month to 2nd April	West Rajasthan-Uppar Sind-Vindhya Pradesh to south Bihar and adjoining Bengal	Northwest Uttar Pradesh Hills of the Punjab (I), East Rajasthan Plains of Punjab (I), west Rajasthan Kashmir Simla-Kumaon hills, North Madhya Bharat Chota Nagpur, Bihar, plains of west Uttar Pradesh, east Rajasthan	Fairly widespread thundershowers on 1st Local thundershowers on 1st A few thundershowers on 1st Local thundershowers on 2nd A few thundershowers on 2nd	This was a secondary western disturbance induced by the last western disturbance of March 1952.
1	3rd – 4th	West Baluchistan north east wards across North-West Frontier Province	...	...	Did not cause any precipitation.
	4th – 6th	Sind–west Rajasthan to north Madhya Bharat northeast Uttar Pradesh	Southeast Madhya Pradesh Hills of the Punjab (I) Kashmir West Madhya Pradesh North Rajasthan	Fairly widespread thundershowers on 5th Local thundershowers on 5th Local rain on 6th A few thundershowers on 5th A few thundershowers on 6th	Secondary western disturbance induced by western disturbance under No. 1.
2	13th - 14th	Baluchistan northeastwards across North–West Frontier Province	...	...	
3	17th – 20th	Baluchistan and adjoining Sind-northeastwards	Hills of west Uttar Pradesh Kashmir	A few thundershowers on 20th Local rain on 21st	
4	23rd – 29th	Baluchistan–the Punjab (I) Kumaon hills	Hills of the Punjab (I) The Kumaon hills The hills of the Punjab (I) Northwest Uttar Pradesh Kashmir Kashmir	Widespread light thundershowers on 28th Local light thundershowers on 28th Widespread thundershowers on 29th A few thundershowers on 29th Scattered light showers on 27th Local thundershowers on 28th and 29th	

Note – Data for Jammu and Kashmir were very meagre.

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JUN 22 1956
WEATHER BUREAU

According to newspaper reports, a cinema house in Howrah (Calcutta) was struck by lightning during a nor'wester on the 25th evening, resulting in death of 3 persons. The maximum wind speed reached during the squall as recorded by the Alipore Observatory, reached 61 m.p.h. The nor'wester was accompanied by heavy rain, which dislocated traffic in the City.

Local thundershowers also occurred in Travancore-Cochin, Mysore and Deccan (Desh) during the last week of the month.

Day temperatures were unusually high in the coastal areas of the north Konkan, Saurashtra and Kathiawar on the 13th and 14th April. Some of the noteworthy maximum temperatures recorded during the month were as follows :

(a) Bombay 100° F, and Surat 113° F (12°–14° F above normal) on the 13th, and

(b) Veraval 106° F and Surat 114° F on the 14th afternoon

Total rainfall for the month was in slight defect in Deccan (Desh) and Travancore-Cochin, in moderate defect in the Bay Islands, Assam, Madhya Bharat, Hyderabad and costal Andhradesa and in large defect in Uttar Pradesh, the Punjab (I), west Rajasthan, Vindhya Pradesh, west Madhya Pradesh, Gujarat, Saurashtra and Kutch, the Konkan, Rayalaseema and Tamilnad. It was in moderate excess in east Madhya Pradesh and in large excess in west Bengal, Orissa, Chota Nagpur and Bihar. Over the rest of the country the rainfall was normal. Average over the plains of India, rainfall was 9% in defect.

Mean maximum temperature was above normal in Assam, west Uttar Pradesh, the Punjab (I), Rajasthan, Madhya Bharat, Vindhya Pradesh, west Madhya Pradesh and normal over the rest of the country. Mean minimum temperature was above normal in northwest India, Uttar Pradesh and the central parts of the country, Gujarat, Saurashtra and Kutch, Deccan (Desh) and Tamilnad and normal elsewhere.

The mean relative humidity in the morning was above normal in west Bengal, Chota Nagpur, Bihar and Saurashtra and Kutch and was normal in the remaining divisions.

The mean cloud amount in the morning was above normal in the Bay Islands, Bihar, west Madhya Pradesh, Deccan (Desh), Hyderabad and Tamilnad; below normal in west Uttar Pradesh, the Punjab (I), Rajasthan, Vindhya Pradesh and normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures humidity and cloud amounts for 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest fall in 24 for any station denotes the amount recorded during 24 hours ending 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA—5,
the 19th June 1953.

A. K. ROY
for *Director General of Observatories.*

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	5·42 −2·51	68 ...	88·1 + 2·2	68·6 + 1·1	71 − 4	64 ...	3·9 − 0·7	4·4 ...
2 West Bengal ...	4·46 +2·37	213 ...	94·8 −2·2	74·7 + 0·5	70 + 6	55 ...	2·9 + 0·2	3·2 ...
3 Orissa ...	1·95 +0·93	191 ...	95·7 − 1·1	76·9 + 0·3	71 + 3	61 ...	2·5 − 0·1	3·6 ...
4 Bihar ...	1·72 +1·09	273 ...	98·1 − 0·9	73·4 + 1·2	51 + 8	34 ...	1·9 + 0·3	2·7 ...
5 Uttar Pradesh ...	0·12 −0·20	37 ...	101·2 + 2·3	72·6 + 3·6	37 + 1	21 ...	1·2 − 0·1	1·6 ...
6 Punjab (I) (including PEPSU and Delhi) ...	0·04 −0·36	10 ...	101·2 + 4·5	70·6 + 3·8	42 + 2	25 ...	0·8 − 0·9	1·5 ...
7 Rajasthan ...	0·10 −0·09	53 ...	102·1 + 3·1	74·6 + 4·0	33 − 1	19 ...	0·8 − 0·6	1·3 ...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·06 −0·18	25 ...	103·0 + 3·0	72·9 + 3·3	28 − 2	17 ...	1·3 − 0·1	2·2 ...
9 Madhya Pradesh ...	0·62 +0·02	103 ...	103·3 + 1·6	76·7 + 3·2	34 + 1	20 ...	2·1 + 0·4	3·7 ...
10 Bombay (including Saurashtra & Kutch) ...	0·25 −0·12	68 ...	99·0 + 0·9	74·8 + 2·1	60 + 3	36 ...	1·7 + 0·1	2·4 ...
11 Hyderabad	0·53 −0·24	69 ...	101·8 + 0·3	77·8 + 1·6	46 0	24 ...	2·6 + 0·7	4·5 ...
12 Madras (including Travancore-Cochin) ...	1·04 −0·59	64 ...	95·9 − 0·3	79·3 + 1·3	69 0	57 ...	3·8 + 0·6	3·9 ...
13 Mysore ...	2·31 +0·18	108 ...	93·3 + 0·5	69·9 + 0·8	77 + 5	33 ...	2·7 0	4·7 ...
Mean of India ...	0·94 +0·09	91 ...	99·4 + 1·2	74·9 + 2·4	50 + 1	33 ...	2·1 0	2·9 ...
Sub-Division								
1 Bay Islands ...	1·55 −0·81	66 ...	90·2 + 1·1	76·2 + 1·5	69 − 4	76 ...	4·8 + 1·1	4·8 ...
2 Assam (including Manipur and Tripura) ...	5·42 −2·51	68 ...	88·1 + 2·2	68·6 + 1·1	71 − 4	64 ...	3·9 − 0·7	4·4 ...
3 West Bengal ...	4·46 +2·37	213 ...	94·8 − 2·3	74·7 + 0·5	70 + 6	55 ...	2·9 + 0·2	3·2 ...
4 Orissa ...	1·95 +0·93	191 ...	95·7 − 1·1	76·9 + 0·3	71 + 3	61 ...	2·5 − 0·1	3·6 ...
5 Chota Nagpur ...	3·01 +2·25	396 ...	99·2 − 0·4	72·7 + 0·4	47 + 7	29 ...	1·9 + 0·2	3·7 ...
6 Bihar ...	1·00 +0·44	179 ...	97·1 − 1·3	72·3 + 1·8	55 +10	38 ...	2·0 + 0·4	2·0 ...
7 Uttar Pradesh, East ...	0·12 −0·16	43 ...	101·7 + 1·3	73·5 + 3·1	39 + 2	23 ...	1·4 + 0·2	1·5 ...
8 Uttar Pradesh, West ...	0·12 −0·23	34 ...	100·8 + 3·1	71·8 + 4·0	36 − 1	19 ...	1·0 − 0·4	1·7 ...
9 Punjab (I) (including PEPSU and Delhi) ...	0·04 −0·36	10 ...	101·2 + 4·5	70·6 + 3·8	42 + 2	25 ...	0·8 − 0·9	1·5 ...
10 Jammu and Kashmir ...			Data incomplete					
11 Rajasthan, West ...	0·01 −0·17	6 ...	103·1 + 4·3	73·8 + 4·4	41 + 3	24 ...	0·6 − 0·9	1·0 ...
12 Rajasthan, East (including Ajmer) ...	0·18 0	100 ...	101·3 + 2·2	75·3 − 3·6	27 − 3	13 ...	1·0 − 0·3	1·7 ...
13 Madhya Bharat ...	0·10 −0·09	53 ...	102·3 + 2·7	73·2 + 4·0	27 − 3	15 ...	1·3 + 0·1	2·3 ...
14 Vindhya Pradesh ...	0 −0·30	0 ...	103·9 + 3·5	72·5 + 2·4	30 − 1	23 ...	1·3 − 0·4	2·0 ...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	1·51 +0·44	141 ...	101·1 + 0·7	76·5 + 2·8	44 + 4	26 ...	2·2 + 0·3	4·2 ...
16 Madhya Pradesh, West ...	0·07 −0·25	22 ...	104·7 + 2·2	76·8 + 3·5	28 − 1	16 ...	2·0 + 0·5	3·3 ...
17 Gujarat ...	0 −0·03	0 ...	103·1 + 0·9	75·4 + 3·0	53 + 4	25 ...	1·1 − 0·1	1·1 ...
18 Saurashtra & Kutch ...	0·01 −0·03	25 ...	97·9 + 1·0	74·3 + 2·3	75 +10	49 ...	1·3 − 0·2	1·2 ...
19 Konkan ...	0·17 −0·35	33 ...	89·0 + 0·9	77·8 + 1·0	75 + 2	67 ...	2·9 + 0·2	2·1 ...
20 Deccan (Desh) ...	0·54 −0·12	82 ...	101·7 + 0·8	73·7 + 2·1	45 − 3	23 ...	1·8 + 0·3	4·0 ...
21 Hyderabad, North ...	0·43 −0·21	67 ...	101·8 + 0·6	76·8 + 1·5	40 0	22 ...	2·9 + 1·2	5·1 ...
22 Hyderabad, South ...	0·61 −0·27	69 ...	101·8 0	78·5 + 1·7	51 − 1	26 ...	2·4 + 0·4	4·0 ...
23 Coastal Andhradesa ...	0·46 −0·29	61 ...	96·5 − 0·2	78·8 + 0·6	72 + 2	60 ...	3·7 + 0·2	3·0 ...
24 Rayalaseema ...	0·26 −0·42	38 ...	103·4 − 0·3	80·3 + 1·2	53 + 1	34 ...	1·9 − 0·1	3·2 ...
25 Tamilnad ...	0·73 −0·91	45 ...	95·2 − 0·8	78·3 + 2·1	70 − 2	55 ...	4·2 + 1·1	4·1 ...
26 Malabar & South Kanara ...	2·49 −0·07	97 ...	92·3 + 1·1	79·2 + 0·7	73 − 1	70 ...	3·9 + 0·2	4·3 ...
27 Mysore ...	2·31 +0·18	108 ...	93·3 + 0·5	69·9 + 0·8	77 + 5	33 ...	2·7 0	4·7 ...
28 Travancore-Cochin ...	4·10 −0·65	86 ...	89·6 + 0·3	78·1 + 0·1	78 + 1	73 ...	4·6 + 0·7	5·7 ...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	90·2	+1·1	93	27	76·2	+1·5	74	4 days	0·77	1·55	−0·81	0·72	20	3	−2·1	7·0	5·2	−0·7	3	0	0	8	2	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	10·29	...	3·80	30	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	85·7	+4·7	93	14,15	67·6	+1·8	62	1,14	0·70	5·32	−4·17	1·44	24	10	−3·6	2·2	1·3	−0·3	13	0	0	9	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	85·7	...	93	15,17	65·8	...	59	14	0·99	7·08	...	1·26	1	14	...	4·3	2·9	...	15	0	0	13	1	0	0	0	0	0
Sibsagar ...	85·0	+3·4	93	11,15	66·7	+0·7	62	1,15	1·23	9·83	−0·29	3·37	30	8	−6·1	4·2	3·4	+0·7	11	0	0	14	0	0	0	0	0	0
Tezpur ...	89·2	+4·1	99	16	69·1	+1·2	63	15	0·12	2·69	−3·32	1·10	21	5	−5·7	1·9	1·4	−2·8	9	0	0	6	0	2	0	0	0	0
Tezpur (P. B. O.) ...	88·2	...	98	16	68·1	...	61	14,15	0·28	3·29	...	1·33	21	6	...	3·9	2·7	...	9	0	0	13	0	0	0	0	0	0
Gauhati ...	89·9	+2·3	99	11	68·2	+0·3	60	15	0·87	4·16	−1·55	1·10	30	9	−1·0	3·7	2·5	+0·5	13	0	0	6	0	2	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	89·0	...	98	10	68·3	...	59	15	1·26	4·71	...	0·84	27	9	...	4·0	2·8	...	10	0	0	16	0	0	0	0	0	0
Dhubri ...	89·1	+0·9	100	12	72·1	+2·0	66	2,3,24	0·29	5·52	+0·10	1·77	24	7	−1·1	6·1	5·5	−0·8	12	0	0	7	0	1	0	0	0	0
Silchar ...	90·2	+2·2	100	15	70·6	+1·8	63	4	1·89	6·33	−3·84	0·99	27	13	−1·3	1·7	1·1	−1·1	16	0	0	14	0	0	0	0	0	0
Tura ...	89·1	...	101	15	71·0	...	65	2,24	4·24	6·99	...	3·98	22	5	...	6·0	5·0	...	9	0	0	1	0	0	0	0	0	0
Lumding ...	87·8	−2·0	101	9	66·2	−0·1	56	14	...	4·10	+0·49	1·30	27	9	+1·8	...	(g) 3·3	...	9	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	95·0	...	104	8,12	75·6	...	67	26	0·19	3·47	...	1·55	26	6	...	11·1	8·7	...	11	0	0	11	0	1	0	0	5	0
Calcutta ...	95·6	−1·2	105	11	76·6	+1·1	68	26	0·66	5·68	+3·93	2·88	26	7	+4·0	5·8	4·9	0	10	0	0	7	0	0	0	0	8	0
Saugor Island ...	87·5	−2·2	90	11	79·0	−0·4	69	27	0·48	2·72	+1·55	0·92	26	5	+2·9	15·2	16·1	+2·4	8	0	0	7	0	0	0	2	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0·04	1·38	−0·80	0·71	17	2	+0·9	...	...	...	3	0	0	0	0	0	0	0	0	0
Midnapore ...	98·4	−2·5	108	12	76·0	−0·2	68	26	0·25	1·80	−0·10	0·53	23	4	+0·9	5·9	5·4	+1·7	8	0	0	9	0	0	0	0	0	0
Contai ...	91·5	...	105	9,11	77·0	...	68	26	0·27	2·07	...	0·91	26	4	...	11·7	10·3	...	6	0	0	2	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	3·14	+1·89	1·53	26	5	+2·3	...	...	...	7	0	0	0	0	2	0	0	0	0
Burdwan ...	96·6	−3·1	106	12	77·7	+2·7	65	17,25	1·18	5·37	+3·43	1·26	26	7	+3·8	9·3	5·2	+2·2	7	0	0	0	0	2	0	0	0	0
Krishnagar ...	97·2	−1·7	108	12	73·2	−1·0	67	4,26	2·13	6·26	+3·98	2·34	26	6	+2·3	6·5	5·2	+0·1	8	0	0	12	0	4	0	0	3	0
Asansol ...	98·3	−3·5	108	12	75·3	+1·1	67	3,23	1·07	1·28	+0·45	0·84	23	4	+2·2	6·2	5·0	+0·1	6	0	0	11	0	0	0	0	0	0
Berhampore ...	96·4	−2·6	106	12	73·2	−0·8	66	4	0·64	4·53	+3·05	1·57	21	7	+4·3	4·1	2·9	−0·6	9	0	0	6	0	0	0	0	0	0
Malda ...	94·6	−2·9	105	12	72·0	+0·7	66	3,4	0·62	3·87	+2·69	1·11	21	5	+3·0	6·5	5·2	+0·2	5	0	1	9	0	0	0	0	0	0
Cooch Behar ...	89·1	...	97	10	69·9	...	62	4	0·43	7·70	+2·05	2·51	23	8	+0·7	5·2	(e) 3·7	...	9	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	88·7	−0·8	98	11	69·7	+1·6	62	4	0·70	6·66	+2·97	2·27	29	9	+3·5	6·7	4·8	+2·4	10	0	0	14	0	0	0	0	0	0
Bagdogra ...	90·7	...	102	15	68·3	...	61	4	0·46	5·82	...	3·39	29	7	...	6·7	4·3	...	12	0	0	9	0	0	0	0	1	0
Orissa																												
Balasore ...	95·3	−1·7	103	8,11	76·4	+0·4	68	4	2·19	2·74	+0·99	...	...	7	+3·5	11·4	(c) 7·8	+2·4	...	...	...	...	...	...	...	...	...	...
Chandbali ...	97·3	−1·3	106	11	76·6	−0·1	68	4	0	1·85	+0·41	1·32	26	2	−0·9	12·2	9·5	+0·8	2	0	0	0	0	0	0	0	0	0
Puri ...	87·4	−0·3	91	19	79·5	+0·4	71	4,27	0·17	1·10	+0·52	0·90	26	2	+1·0	18·3	17·1	+4·6	3	0	0	3	0	0	0	0	0	0
Bhubaneswar ...	97·5	...	105	10,11	76·7	...	67	27	...	2·61	...	1·35	26	3	...	...	15·1	...	5	0	0	7	0	0	0	0	1	0
Cuttack ...	98·4	−2·8	105	11	77·3	−0·2	68	26	...	...	...	...	...	...	...	...	...	...	...	0	1	5	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0·88	3·02	...	0·88	24	6	...	6·0	4·1	...	6	0	0	10	0	0	0	0	0	0
Gopalpur ...	87·6	−0·6	90	4 7.26	77·9	+0·8	72	4	1·15	1·77	+1·07	1·19	4	2	+0·6	15·1	13·8	+1·4	4	0	0	8	0	0	0	0	1	0
Koraput ...	92·3	...	96	1,3	68·5	...	62	18	0·53	2·16	...	0·93	26	5	...	...	...	...	10	0	0	0	0	0	0	0	0	0
Angul ...	101·1	−0·9	107	25	75·6	+0·3	69	4	0·58	2·80	+1·77	0·84	26	7	+4·8	5·5	5·6	+0·9	8	0	0	14	0	1	0	0	0	0
Sambalpur ...	102·8	−0·2	110	29.30	75·1	+0·2	67	3	0	1·62	+1·03	0·68	18	3	+1·4	5·4	4·0	+1·1	3	0	0	8	3	4	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0	2·16	...	1·25	18	4	...	...	...	...	5	0	0	11	0	1	0	0	0	0
Titilagarh ...	103·8	...	111	30	77·4	...	71	18	0·01	0·36	...	0·22	24	1	...	4·8	3·8	...	4	0	0	9	0	2	0	0	0	0
Chota Nagpur																												
Purulia ...	100·2	...	108	30	75·6	...	67	3,26	1·47	2·20	...	1·04	26	5	...	4·6	3·8	...	5	0	0	0	0	0	0	1	0	0
Jamshedpur ...	99·8	−2·2	107	25	75·8	+2·0	70	3,17	0·59	2·88	+1·98	1·27	16	5	+2·9	5·0	4·5	+1·2	6	0	3	7	0	1	0	0	0	0
Chaibasa ...	100·6	−1·5	107	4 days	75·1	+0·4	65	17	2·88	4·81	+3·75	1·68	20	7	+4·8	3·1	2·4	−0·1	8	0	0	10	0	0	0	0	0	0
Ranchi ...	96·9	+1·2	102	13,30	69·9	−1·4	63	4,3,17	3·49	3·99	+3·10	1·80	17	5	+2·6	4·6	2·7	−2·2	7	0	0	3	0	0	0	0	0	0
Hazaribagh ...	95·9	−1·3	103	30	70·3	−1·5	62	3	3·04	3·21	+2·66	1·05	3	3	+1·5	7·7	6·0	−0·5	6	0	1	9	2	0	0	0	0	0
Hazaribagh(C.W.) ...	96·0	...	102	25	69·2	...	61	3	2·73	2·89	...	1·14	3	4	...	3·7	2·6	...	6	0	1	10	0	0	0	0	0	0
Daltonganj ...	103·0	+1·6	110	30	72·3	+2·3	62	4	0·16	0·18	−0·23	0·10	3	1	+2·0	5·8	3·6	+0·1	3	0	0	3	0	4	0	0	0	0
Dhanbad ...	99·3	...	109	30	73·6	...	67	3	0·56	0·78	...	0·31	15	3	...	7·2	6·1	...	7	0	2	2	3	0	0	0	0	0
Bihar																												
Purnea ...	94·2	−2·1	104	12	70·5	+1·3	62	4	0·69	2·39	+1·11	0·84	25	4	+2·2	7·0	4·6	+1·2	5	0	1	6	0	0	0	0	0	0
Darbhanga ...	94·0	−3·0	104	15	71·9	+2·1	63	4	0·20	0·98	+0·30	0·41	22	4	+2·7	5·4	3·0	−0·8	5	0	0	2	0	0	0	0	0	0
Motihari ...	96·4	−0·6	104	14,13 16	68·4	+0·7	62	4	0	1·44	+0·62	0·68	26	3	+1·6	...	(j) 2·0	−1·9	4	0	0	5	0	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	2·20	+1·72	1·20	22	3	+2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0·13	−0·19	0·13	22	1	+0·3	...	...	...	...	...	...	...	...	...	...	...	...	...

(g) Mean of 24 days. (e) Mean of 25 days. (c) Mean of 28 days. (j) Mean of 21 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	23	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	0	−0·25	0	...	0	−0·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	99·1	+0·2	106	13,14	75·3	+1·8	67	3	0	0	−0·27	0	...	0	−0·6	7·0	5·9	+1·6	0	0	0	1	0	3	0	0	0	0
Patna (Aerodrome)	96·8	...	106	12,13	74·4	...	62	3	0·01	0·02	...	0·02	3	0	...	8·5	6·3	...	1	0	0	0	0	1	0	0	0	0
Dehri	102·6	...	110	30	75·6	...	64	3	0	0	−0·23	0	...	0	−0·6	6·7	4·4	...	0	0	0	0	0	2	0	0	0	0
Gaya	103·4	+0·5	110	30	75·9	+3·2	65	3	0·07	0·07	−0·17	0·04	26	0	−0·6	8·9	6·6	+0·8	2	0	0	3	0	1	0	1	0	0
Jamui	100·2	...	108	13	74·3	...	66	3	0	0·63	...	0·37	15	2	...	7·1	5·2	...	2	0	0	0	0	0	0	0	0	0
Dumka	97·4	−2·5	107	12,13	63·0	+10·8	42	10,11	0·49	1·49	+0·65	0·55	21	5	+3·1	6·5	4·7	+2·1	8	0	0	9	0	0	0	0	0	0
Sabour	96·5	−2·7	106	12,13	71·5	+1·9	62	1	1·01	1·81	+1·09	0·86	19	3	+1·7	8·3	5·8	−0·2	4	0	0	9	0	0	0	0	0	0
Bhagalpur	97·0	...	106	13	74·5	...	67	3	0·52	1·28	...	0·69	22	4	...	8·0	6·1	...	5	0	1	9	0	0	0	0	0	0
U. P., East																												
Gonda	100·6	+0·8	108	30	72·6	+4·1	64	4,5	0	0·10	−0·25	0·07	16	0	−0·1	7·5	4·7	−0·1	3	0	0	3	0	0	0	0	0	0
Gorakhpur	98·5	−0·8	106	30	74·2	+2·9	64	3	0	0·48	+0·11	0·17	27	3	+2·3	3·9	2·4	−0·4	4	0	0	0	0	0	0	0	0	0
Azamgarh	102·6	...	109	30	74·0	...	62	3	0	0·02	...	0·01	16,21	0	...	3·7	2·1	...	2	0	0	0	0	0	0	0	0	0
Banaras	103·2	+1·4	111	30	74·4	+2·8	63	3	0·01	0·01	−0·19	0·01	3	0	−0·4	8·2	6·6	+3·3	1	0	0	4	0	2	0	0	0	0
Banaras (Babatpur Aerodrome)	102·0	...	110	30	73·8	...	62	3	0	0·06	...	0·06	2	0	...	10·0	7·1	...	1	0	0	3	0	1	0	0	1	0
Allahabad (Bamrauli)	103·1	+0·5	110	25	75·1	+3·7	64	3	0	0	−0·17	0	...	0	−0·4	6·9	4·7	+0·6	0	0	0	2	0	1	0	0	0	0
Fatehpur	103·4	+2·4	110	30	74·9	+5·0	64	3	0·08	0·11	−0·22	0·08	26	0	−0·6	8·2	4·5	+1·0	2	0	0	2	0	2	0	0	0	0
Banda	105·1	...	113	25	75·4	...	65	3,4	0	0	...	0	...	0	...	4·2	2·2	...	0	0	0	0	0	1	0	0	0	0
Orai	104·3	...	111	25	75·6	...	62	3	0·08	0·29	...	0·21	2	1	...	8·0	5·9	...	2	0	0	0	0	1	0	0	0	0
Kanpur	102·6	+3·2	110	25	75·2	+4·6	62	3	0·03	0·04	−0·18	0·03	3	0	−0·6	9·3	5·6	−1·7	2	0	0	1	0	1	0	1	0	0
Lucknow	102·7	+1·3	110	25,30	74·8	+4·0	63	3	0	0	−0·26	0	...	0	−0·6	5·3	3·0	+0·6	0	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	101·3	...	109	30	72·7	...	61	3	0	0	...	0	...	0	...	8·9	6·3	...	0	0	0	0	0	7	0	0	0	0
Hardoi	101·6	...	109	30	72·6	...	61	3	0	0	...	0	...	0	...	6·7	4·5	...	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	99·8	...	107	30	70·8	...	62	3	0	0·18	...	0·18	22	1	...	4·7	2·9	...	1	0	0	0	0	0	0	0	0	0
Bahraich	100·5	+1·6	108	30	74·9	+5·6	64	3,4	0	0·08	−0·24	0·08	22	0	−0·6	7·0	5·3	+1·9	1	0	0	0	0	1	0	0	0	0
U. P., West																												
Jhansi	104·4	+1·8	111	28	77·5	+5·3	66	3,4	0	0	−0·14	0	...	0	−0·5	4·3	3·4	−0·2	0	0	0	0	0	0	0	0	0	0
Agra	102·9	+2·9	109	16,25 29	75·5	+5·9	64	3	0	0·43	+0·22	0·29	2	2	+1·4	2·9	2·4	−1·5	2	0	0	1	0	3	0	0	0	0
Mainpuri	104·8	+3·6	112	25	73·6	+4·4	62	3	0	0	−0·23	0	...	0	−0·7	...	...	...	0	0	0	0	0	2	0	0	0	0
Aligarh	102·9	+6·3	108	9days	72·2	+4·1	62	1,3	0·21	0·30	−0·19	0·30	1	1	0	...	...	...	1	0	0	2	0	2	0	0	0	0
Bareilly	101·0	+3·2	111	22	72·7	+3·9	63	3	0	0	−0·27	0	...	0	−0·6	5·1	3·6	+1·0	0	0	0	0	0	3	0	0	0	0
Meerut	99·8	+2·1	107	25	70·6	−3·3	59	3	...	0·15	−0·22	0·15	1	1	+0·2	...	4·1	...	1	0	0	0	0	0	0	0	0	0
Roorkee	98·0	+2·3	106	25	66·8	+1·8	50	25	0·01	0·02	−0·44	0·02	1	0	−1·1	6·6	4·1	+1·3	1	0	0	0	0	0	0	0	0	0
DehraDun	92·6	+2·6	100	25	65·8	+3·3	54	3	0·05	0·08	−0·57	0·05	2	0	−1·7	3·2	2·0	−0·4	3	0	0	3	0	0	0	0	0	0
Punjab (I)																												
New-Delhi	100·4	+3·8	106	26,29	73·3	+5·6	62	3	0	0·19	−0·14	0·19	1	1	+0·1	6·4	4·4	...	1	0	3	3	0	1	0	0	2	0
Hissar	101·9	+3·1	111	27	70·0	+3·3	59	1	0	0	−0·26	0	...	0	−0·9	5·0	4·4	+0·1	0	0	0	1	0	0	0	0	0	0
Karnal	99·3	...	109	25	68·5	...	58	3	0	0	...	0	...	0	...	5·2	3·2	...	0	0	0	0	0	1	0	0	0	0
Ambala	101·7	+5·7	109	25	71·0	+4·6	61	1,3	0	0	−0·64	0	...	0	+1·6	6·6	4·9	+1·2	0	0	0	0	0	0	0	0	0	0
Patiala	100·4	...	108	26	69·2	...	58	3	0	0	−0·12	0	...	0	−0·3	7·7	5·4	...	0	0	0	0	0	1	0	0	0	0
Ludhiana	100·9	+5·2	109	26	68·2	+1·7	58	2	0	0	−0·65	0	...	0	−1·3	1·7	0·9	−1·1	0	0	0	0	0	0	0	0	0	0
Ferozepur	99·8	...	111	27	65·9	...	56	2	0	0	...	0	...	0	...	...	...	...	0	0	0	1	0	3	0	0	0	0
Amritsar	97·7	...	107	26,27	63·2	...	52	2	0	0·17	..	0·12	5	1	...	5·2	7·3	...	3	0	0	3	0	2	0	0	0	0
Pathankot	95·6	...	103	25,26, 27	66·6	...	55	2	0·15	0·15	...	0·15	28	1	...	3·9	3·2	...	1	0	0	1	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	70·1	+3·3	80	4days	47·9	+3·3	42	3	0·61	1·42	−2·23	0·48	28	7	−0·8	1·9	2·3	−0·9	5	0	0	6	0	0	0	0	0	0
Gulmarg	...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg	...	...	...	...	...	...	...	...	...	6·47	−3·46	1·90	20	9	−3·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	55·4	0	63	24,25	31·5	+1·5	26	2,4,11	0·17	0·52	+0·29	0·35	28	2	+1·2	7·0	4·8	+2·1	3	2	0	0	0	1	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez	...	...	...	...	...	...	...	...	...	2·41	−4·34	0·40	21	9	−3·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	89·0	−1·0	101	26	71·8	+3·9	58	2	...	0·35	−0·94	0·25	2	1	−1·6	...	...	...	3	0	0	0	0	0	0	0	0	0

(R) Register not received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar * ...	102·0	+6·6	112	26,27	68·8	+6·8	54	3	0	0·04	-0·26	0·04	26	0	-0·9	3·1	2·7	-2·8	1	0	0	0	0	3	0	0	2	
Bikaner ...	103·1	+2·9	111	27	73·0	+2·6	61	3	0	0	-0·19	0	...	0	-0·5	4·8	4·3	-0·4	0	0	0	1	0	0	0	0	0	
Jaisalmer ...	102·9	...	109	5days	75·3	...	69	6	0	0	...	0	...	0	...	10·0	9·1	...	0	0	0	0	0	1	0	0	0	
Jodhpur ...	102·8	+3·4	109	4days	75·9	+5·1	68	8,9,13	0	0·03	-0·10	0·03	1	0	-0·5	5·8	4·8	-2·0	1	0	0	1	0	0	0	0	0	
Phalodi ...	101·7	...	108	5days	75·3	...	61	3	0	0	-0·12	0	...	0	-0·3	9·2	8·7	...	0	0	0	1	0	1	0	0	0	
Barmer ..	104·3	+4·1	111	23,25, 26	77·5	+3·2	70	7	0	0	-0·19	0	...	0	-0·4	4·3	7·4	+1·6	0	0	0	1	0	1	0	0	0	
Rajasthan, East																												
Sikar ...	100·3	...	106	23,26	72·5	...	64	1,2,3	0·37	0·37	...	0·30	1	1	...	8·9	5·5	...	2	0	0	2	0	0	0	0	0	
Jaipur ...	101·0	+2·8	108	27	73·2	+4·4	61	3	0·15	0·46	+0·29	0·26	1	2	+1·5	7·0	4·8	+0·2	2	0	1	2	0	2	0	0	0	
Jaipur (Sanganer Aerodrome) ...	100·9	...	108	27	73·8	...	61	3	0	0·25	...	0·25	1	1	...	10·5	8·1	...	1	0	1	3	0	2	0	0	0	
Ajmer ...	99·8	+2·5	106	26	75·9	+4·4	63	2	0	0·40	+0·25	0·24	6	2	+1·6	7·9	6·0	+1·5	4	0	0	3	0	0	0	0	0	
Kotah ...	104·6	+2·9	111	24,27	79·5	+3·7	68	5	0	0	-0·21	0	...	0	-0·5	6·1	4·3	+1·6	0	0	0	1	0	0	0	0	0	
Jhalawar ...	103·5	+3·0	110	24	75·7	+5·6	67	3,9,10	0	0·04	-0·23	0·04	8	0	-0·5	5·8	4·5	+1·0	1	0	0	0	0	0	0	0	0	
Udaipur ...	97·4	-0·3	103	4days	72·2	+1·0	62	3	0	0	-0·11	0	...	0	-0·2	5·2	3·7	...	0	0	0	0	0	0	0	0	0	
Madhya Bharat																												
Gwalior (P.B.O.) ...	103·6	...	111	28	76·1	...	62	3	0	0·14	...	0·14	2	1	...	6·7 (d)	4·6 (e)	...	1	0	0	2	0	0	0	0	0	
Sheopur Kalan ...	104·0	...	110	27	74·2	...	63	3	0	0·30	...	0·30	2	1	...	4·4	3·2	...	1	0	0	1	0	0	0	0	0	
Guna ...	103·5	+3·9	109	20,27	71·9	+5·0	59	3	0	0·06	-0·23	0·06	8	0	-0·5	9·3	5·3	+1·7	1	0	0	3	0	1	0	0	0	
Neemuch ...	101·2	+2·1	107	24	75·6	+4·7	67	3	0	0	-0·12	0	...	0	-0·3	7·7	6·4	+0·5	0	0	0	1	0	0	0	0	0	
Ratlam ...	101·1	...	107	17,18	75·5	...	66	12	0	0·04	...	0·03	7	0	...	8·7	6·2	...	2	0	0	1	0	0	0	0	0	
Indore ...	101·7	+0·8	106	5days	72·0	+4·0	62	3	0	0·14	+0·01	0·14	8	1	+0·7	11·1	8·6	+1·7	1	0	0	1	0	0	0	0	0	
Bhopal (Bairagarh) ...	103·0	+3·8	108	20,27	73·3	+2·4	65	3	0·02	0·21	-0·01	0·19	8	1	+0·3	10·0	8·2	+1·4	2	0	0	1	0	0	0	0	0	
Vindhya Pradesh																												
Nowgong ...	104·7	+2·9	111	25,28	72·5	+2·4	63	1,3,4	0	0	-0 17	0	...	0	-0·3	5·7	2·5	+1·1	0	0	0	3	0	1	0	0	0	
Sutna ...	104·0	+3·5	111	25	73·2	+1·7	64	3	0	0	-0·28	0	...	0	-0·7	6·7	4·0	+0·3	0	0	0	5	0	2	0	0	0	
Umaria ...	103·0	+4·1	110	28	71·8	+3·1	61	4	0	0	-0·46	0	...	0	-0·9	6·3	2·3	-0·6	0	0	0	1	0	0	0	0	0	
Madhya Pradesh, East																												
Gondia ...	104·2	...	110	29	77·4	...	72	5,10,11	0	0	...	0	...	0	...	4·3	3·0	...	0	0	0	0	0	0	0	0	0	
Pendra ...	98·2	+2·8	105	28,29	73·2	+2·1	63	3	1·50	1·50	+0·53	1·05	3	3	+0·9	6·2	4·4	+0·1	5	0	1	8	0	0	0	2	0	
Raigarh ...	105·5	....	112	29	78·9	...	69	3	0	0·01	...	0·01	2	0	...	5·3	3·9	...	1	0	0	0	0	0	0	0	0	
Ambikapur ...	99·1	...	106	29	70·3	...	64	3	0·63	0·70	...	0·69	3	1	...	7·3	5·5	...	2	0	0	5	0	2	0	0	0	
Champa ...	105·2	...	113	29	78·3	...	69	3	0	0·09	...	0·09	3	0	...	6·1	4·6	...	1	0	0	5	0	1	0	0	0	
Raipur ...	103·4	+0·6	110	30	79·0	+2·7	68	3	0·33	1·60	+0·96	1·09	18	3	+1·3	6·4	6·3	+1·2	3	0	1	4	0	0	0	0	0	
Kanker ...	100·5	+0·8	106	29,30	78·8	+5·6	68	4	0	1·46	+0·29	1·23	4	2	-0·3	8·3	5·9	+2·4	2	0	0	7	0	0	0	0	0	
Chanda ...	105·1	-0·3	111	24,29	79·1	+3·2	71	3,4	0	0·36	-0·42	0·36	5	1	-0·8	5·0	2·8	-0·1	1	0	0	2	0	0	0	0	0	
Sironcha ...	104·6	...	110	29,30	81·7	...	75	4	0	0·21	...	0·14	15	1	...	5·9	5·2	...	3	0	0	5	0	2	0	0	0	
Jagdalpur (P.B.O.) ..	98·1	-0·6	102	13,29, 30	72·4	+0·6	67	4	0·59	2·63	+0·85	0·71	23	8	+4·5	5·9	4·4	...	10	0	2	15	0	0	0	1	0	
Madhya Pradesh, West																												
Buldhana ...	109·4	...	105	15	78·1	...	70	24	0	0	...	0	...	0	...	7·5	7·7	...	0	0	0	0	0	0	0	0	0	
Akola ...	106·6	+1·1	110	20,28	79·0	+4·1	71	3,4	0	0	-0·20	0	...	0	-0·5	4·9	3·1	-1·4	0	0	0	1	0	0	0	0	0	
Amravati ...	105·9	+1·6	111	28	79·7	+3·2	73	5,7	0·06	0·10	-0·24	0·06	25	0	-0·8	7·9	6·0	+1·4	2	0	0	6	0	0	0	0	0	
Yeotmal ...	103·8	...	110	29	78·6	...	68	5	0·24	1·98	...	1·84	5	2	...	8·6	8·2	...	2	0	0	0	0	0	0	0	0	
Khandwa ...	106·0	+1·6	110	15,16, 20	78·3	+3·6	66	3,4	0	0	-0·11	0	...	0	-0·3	8·7	7·1	+1·9	0	0	0	6	0	0	0	0	0	
Hoshangabad ...	105·9	+4·1	111	25	77·5	+4·0	69	10	0	0	-0·13	0	...	0	-0·3	4·4	3·3	+0·8	0	0	0	1	0	0	0	0	0	
Sagar ...	101·4	+1·7	107	25	76·1	+2·6	67	3	0·01	0·04	-0·17	0·03	8	0	-0·5	12·9	11·5	+1·0	2	0	0	3	0	0	0	0	0	
Jabalpur ...	104·4	+3·8	109	25,27, 28	72·9	+4·5	62	4	0	0·03	-0·29	0·03	8	0	-0·8	6·2	3·9	+1·5	1	0	0	2	0	0	0	0	0	
Mandla ...	102·5	...	108	25,28	69·1	...	60	4	0·24	0·29	...	0·24	17	1	...	5·6	3·2	...	3	0	0	0	0	0	0	0	0	
Seoni ...	101·3	+1·8	107	25,28	73·3	+2·7	66	4	0·31	0·31	-0·29	0·15	5	1	-07	6·4	3·8	+0·4	4	0	0	5	0	0	0	0	0	
Chhindwara ...	99·4	...	104	24,27	73·2	...	64	4	0	0·09	...	0·09	7	0	...	7·8	5·1	...	1	0	0	4	0	0	0	0	0	
Betul ...	100·3	...	104	20,24	70·7	...	64	10	0·40	0·60	...	0·49	8	1	...	6·5	4·2	...	4	0	0	4	0	0	0	0	0	
Nagpur ...	105·8	+1·6	112	29	77·6	+3·3	71	5	0·01	0·04	-0·56	0·03	16	0	-1·3	5·4	5·2	...	2	0	0	2	0	0	1	3	0	

* Observations for 29 days. (d) Mean of 27 days. (e) Mean of 26 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	103·7	...	110	23	72·7	...	61	7	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	99·9	+0·8	114	15	75·6	+1·9	69	8	0	0	−0·03	0	...	0	−0·1	6·2	5·2	+1·0	0	0	0	0	0	0	0	0	0	0
Ahmedabad ...	105·0	−0·4	111	15	74·9	+2·0	69	12	0	0	−0·05	0	...	0	−0·1	6·4	5·2	+0·3	0	0	0	0	0	0	0	0	0	0
Dohad ...	102·5	+1·1	109	15	76·6	+2·5	70	3·8	0	0	−0·02	0	...	0	0	11·6	11·4	+5·7	0	0	0	0	0	0	0	0	0	0
Baroda ...	105·0	+3·1	113	15	74·4	+5·6	69	3,8	0	0	0	0	...	0	0	3·8	2·8	−0·5	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	103·8	...	111	15	75·9	...	71	8,16	0	0	...	0	...	0	...	6·1	4·8	...	0	0	0	0	0	0	0	0	0	0
Broach ...	104·2	...	114	15	76·3	...	71	8	0	0	...	0	...	0	...	6·2	5·5	...	0	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	99·9	+0·1	109	23	73·7	+2·4	68	7,8	0·02	0·05	−0·02	0·05	2	0	−0·1	8·6	7·1	−0·3	1	0	0	1	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0·02	0·05	...	0·05	2	0	...	6·9	5·3	...	1	0	0	1	1	0	0	0	0	0
Dwarka ...	86·0	+0·9	89	20	77·7	+1·3	73	8	0	0	−0·03	0	...	0	0	10·7	10·2	+0·6	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	97·2	+1·6	105	18,23	72·4	+3·1	66	7	0	0	−0·02	0	...	0	0	...	...	...	0	0	0	0	1	1	0	0	0	0
Rajkot ...	103·0	+1·2	109	18,23	72·2	+2·7	65	8	0	0	−0·03	0	...	0	−0·1	13·2	11·6	+3·5	0	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome) ...	102·3	...	108	23	70·8	...	64	7,8	...	0	...	0	...	0	...	...	12·5	...	0	0	0	0	0	0	0	0	0	0
Veraval ...	87·2	...	106	15	72·2	...	67	1,8,9	0	0	0	0	...	0	0	13·3	10·8	+3·4	0	0	0	0	5	0	0	0	0	0
Bhavnagar ...	103·4	+1·4	109	5 days	75·3	+1·8	67	8	0	0	−0·10	0	...	0	−0·3	6·7	6·1	+0·4	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	100·7	...	108	15,24	75·8	...	70	8,12	...	0	...	0	...	0	...	...	12·2	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	89·5	...	104	14	76·2	...	69	4	0	0	...	0	...	0	...	12·1	8·8	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	91·0	+1·9	100	14	77·6	+1·5	74	1,5	0	0	−0·03	0	...	0	0	9·3	7·1	0	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome) ...	91·7	+2·0	108	14	74·1	+1·7	67	1	0	0	−0·03	0	...	0	0	...	...	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Juhu Aerodrome) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	10·0	6·4	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	88·3	+0·7	96	14	75·7	+0·4	71	5	0	0	−0·01	0	...	0	0	...	5·5	−1·3	0	0	0	0	0	0	0	0	0	0
Harnai ...	85·7	...	91	14	80·0	...	75	5,6	0	0·02	...	0·02	15	0	...	13·3	10·7	...	1	0	0	0	6	0	0	0	0	0
Ratnagiri ...	89·8	...	93	22,30	78·3	...	74	5	0	0·06	...	0·06	23	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Devgad ...	90·0	...	95	22	80·2	...	76	5	0	0	...	0	...	0	...	12·4	10·6	...	0	0	0	0	0	0	0	0	0	0
Vengurla ...	90·7	...	95	2,30	77·1	...	71	19	0	0·41	...	0·39	19	1	...	...	...	...	2	0	0	3	0	0	0	0	0	1
Marmagao ...	90·7	...	95	2,30	77·1	...	71	19	0	0·41	...	0·39	19	1	...	...	...	...	2	0	0	3	0	0	0	0	0	1
Marmagao ...	87·8	+0·2	91	16	80·0	+1·0	75	16	0	0·36	−0·96	0·36	16	1	+0·2	10·2	8·2	+1·7	1	0	0	8	1	0	0	0	0	0
Honavar ...	91·3	...	94	28,30	77·8	...	75	4 days	0	0·33	−0·41	0·20	23	1	−0·1	4·6	3·2	...	3	0	0	2	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	0	−0·31	0	...	0	−0·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon ...	108·0	...	113	16	78·3	...	67	3	0·01	0·01	−0·06	0·01	17	0	−0·2	9·8	8·0	...	1	0	0	1	0	0	0	0	0	0
Malegaon ...	104·0	+0·8	108	22,23	73·5	+2·6	63	5	0	0·02	−0·10	0·02	8	0	−0·3	6·9	5·3	−1·0	1	0	0	1	0	0	0	0	0	0
Deolali ...	99·9	...	105	15,16, 23	70·4	...	64	3,6	...	0	...	0	...	0	...	...	5·8	...	0	0	0	0	5	0	0	0	0	0
Ahmednagar ...	101·9	+1·6	106	20	73·6	+3·8	67	4,5,6	0	0	−0·40	0	...	0	−1·1	7·3	5·9	−0·2	0	0	0	0	0	0	0	0	1	0
Poona ...	101·3	+0·4	105	4 days	70·2	+1·9	64	5	0	0·05	−0·54	0·05	15	0	−1·3	3·6	2·7	−3·7	1	0	1	4	0	0	0	0	1	0
Poona (Lohagaon Aerodrome) ...	101·5	...	106	14	70·7	...	63	5	0·08	0·12	...	0·08	20	0	...	...	...	...	2	0	0	4	0	0	0	0	0	0
Jeur ...	103·0	...	106	7 days	74·7	...	67	5	0·05	0·15	...	0·10	16	1	...	7·2	6·7	...	2	0	0	5	0	1	0	0	0	0
Sholapur ...	104·1	+0·6	108	29	77·8	+3·5	73	3,5	0·24	0·26	−0·27	0·13	21	2	+0·8	9·1	7·3	+0·9	3	0	0	5	0	0	0	0	0	0
Miraj ...	99·2	0	102	5 days	72·0	+2·0	65	2	0·25	1·76	−0·23	1·39	21	2	−1·1	7·4	7·1	+1·1	3	0	0	8	0	0	0	0	0	0
Kolhapur ...	99·6	...	104	13	71·2	...	66	4	0·45	1·95	...	1·14	18	5	...	8·2	8·1	...	5	0	2	10	0	0	0	1	0	0
Bijapur ...	101·7	+1·0	105	13,29	76·5	+2·0	71	5	0	0·93	+0·38	0·51	23	2	+0·2	5·3	4·9	+0·3	4	0	0	1	0	1	0	0	0	0
Belgaum * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	99·7	+0·9	103	4,12	72·0	−0·4	69	26	0·31	1·87	+0·41	0·52	13	6	+3·2	6·1	5·7	−0·4	9	0	0	7	0	1	0	0	0	0
Hyderabad, North																												
Aurangabad ...	102·6	+1·3	106	4 days	76·6	+2·9	68	5	0	0·03	−0·21	0·03	20	0	−0·6	9·1	8·6	+1·1	1	0	0	1	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	101·9	...	105	5 days	73·8	...	63	5	0·02	0·10	...	0·06	20	0	...	9·4	7·8	...	3	0	0	1	0	0	0	0	0	0
Parbhani ...	104·9	...	109	24	77·3	...	70	3	0·14	0·14	−0·28	0·14	7	1	−0·2	...	...	...	1	0	0	6	0	0	0	0	0	0
Ramagundam ...	105·3	...	112	30	82·0	...	75	15	0	0	...	0	...	0	...	6·9	6·3	...	0	0	0	0	0	0	0	0	0	0
Nizamabad ...	103·6	0	110	29	74·4	+1·1	72	4	0·08	0·41	−0·44	0·13	8	2	0	6·1	4·3	+1·1	4	0	0	5	0	0	0	0	0	0
Bidar ...	99·3	+0·6	103	28, 29, 30	76·5	+0·5	69	7	0·24	1·16	+0·09	0·47	7	5	+2·5	7·7	7·2	+0·8	8	0	0	0	0	0	0	0	0	0

* Data not reliable.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	103·4	0	107	13,30	78·2	+1·9	72	5	0·09	0·75	−0·08	0·38	21	3	+0·9	7·2	6·7	+0·3	5	0	0	2	0	0	0	0	0	0
Raichur ...	102·4	−0·1	106	28,29	81·0	+2·2	75	7	0·72	0·72	+0·08	0·61	29	2	+0·6	5·3	6·2	+0·2	2	0	0	4	0	2	0	0	0	0
Hyderabad (Nizamiah) ...	101·5	+1·0	107	29,30	76·6	+1·5	72	2,16	0·60	0·81	−0·36	0·31	19	4	+2·1	5·3	4·8	+0·2	6	0	0	9	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	99·2	...	105	30	76·0	...	71	2	0·67	0·88	...	0·64	18	2	...	7·4	7·0	...	5	0	0	9	0	0	0	0	0	0
Hanamkonda ...	99·8	−0·9	107	30	78·4	+1·3	74	2	0	0·18	−0·73	0·18	26	1	−0·6	7·2	7·7	+1·8	1	0	0	4	0	0	0	0	0	0
Khammameth ...	101·9	...	109	30	79·6	...	73	13	0	0·33	...	0·33	13	1	...	6·2	6·7	...	1	0	0	3	0	1	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	99·1	−0·3	107	31	78·7	+1·3	75	8,9,20	0	0	−0·48	0	...	0	−0·6	5·7	4·8	−0·8	0	0	0	0	0	0	0	0	0	0
Ongole ...	94·5	...	101	30	79·1	...	74	6	0	0·31	...	0·31	4	1	...	9·5	6·9	...	1	0	0	1	0	0	0	0	0	0
Gannavaram ...	100·1	...	106	30	78·7	...	74	2,14, 15	0	0	...	0	...	0	...	9·7	9·0	...	0	0	0	2	0	0	0	0	0	0
Masulipatam ...	93·7	−0·5	98	30	79·7	+2·0	75	10,16	0	0·03	−0·66	0·03	4	0	−0·9	12·1	9·1	+3·3	1	0	0	0	0	0	0	0	0	0
Kakinada ...	95·7	−0·4	101	30	78·6	+0·1	72	26	0	0·18	−0·46	0·16	26	1	0	8·7	6·5	+1·4	2	0	0	1	0	0	0	0	0	0
Visakhapatnam ...	95·2	−1·4	98	9,10, 30	78·5	+1·0	73	4,19	0	0·53	−0·18	0·32	4	2	+0·7	14·4	9·7	+1·2	3	0	0	5	0	0	0	0	0	0
Calingapatam ...	90·2	−2·3	96	6 days	77·1	−1·1	70	4	0	1·50	+0·74	0·80	22	4	+2·5	11·0	9·9	+1·6	4	0	0	1	0	0	0	0	0	0
Rentachintala ...	103·9	+2·4	111	31	79·9	+0·7	76	14	0·61	0·61	−0·58	0·41	5	2	−0·7	7·7	6·7	+0·1	2	0	0	3	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	95·3	...	100	30	72·5	...	69	2,17	0·65	0·78	...	0·56	6	2	...	5·8	5·7	...	2	0	0	4	0	0	0	0	0	0
Cuddapah ...	105·1	+0·3	110	30	82·9	+2·0	77	9	0	0	−0·57	0	...	0	−1·1	6·2	4·9	−2·1	0	0	0	0	0	0	0	0	0	0
Bellary ...	101·8	−0·9	104	4,23, 30	79·0	+1·6	74	24,26	0·74	0·78	−0·06	0·74	29	1	−0·9	4·2	4·0	+0·1	2	0	0	4	0	0	0	0	0	0
Kurnool ...	103·4	−0·2	107	24,30	78·9	−0·1	72	10	0·25	0·25	−0·42	0·25	26	1	−0·5	5·8	5·9	+1·2	1	0	0	5	0	0	0	0	0	0
Anantapur ...	102·5	...	106	30	79·4	...	73	10	0	0	−0·64	0	...	0	−1·3	6·0	7·0	...	0	0	0	1	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	98·9	...	102	4 days	79·6	...	75	16,17	1·66	1·79	−0·69	1·23	6	4	+0·3	6·8	5·1	...	4	0	0	4	0	0	0	0	0	0
Pamban ...	90·5	−0·6	92	23,26	81·1	+1·4	74	27	0	2·31	+0·47	2·16	27	2	−1·2	8·5	7·8	+1·7	2	0	0	0	0	0	0	0	0	0
Mathurai ...	99·0	+1·2	102	14	79·2	+2·5	75	17	0·02	0·09	−2·07	0·09	17	0	−3·1	4·1	3·2	+0·3	1	0	0	3	0	0	0	0	0	0
Nagapattinam ...	89·3	−2·7	97	11,12	81·6	+1·9	76	16,17	1·09	1·86	+0·75	0·84	24	3	+1·7	10·7	9·3	+3·0	3	0	0	2	0	0	0	0	0	0
Tiruchirapalli ...	99·1	−1·0	103	30	79·9	+1·9	74	17	0·21	0·45	−1·35	0·27	17	2	0	5·9	6·2	+0·7	2	0	0	1	0	0	0	0	0	0
Coimbatore ...	95·2	−1·3	98	13	75·6	+2·0	71	5,17	0·24	0·30	−1·28	0·26	5	1	−2·2	5·8	5·0	+2·4	2	0	0	5	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	96·8	...	100	13,25	74·9	...	70	17	0·03	0·15	...	0·11	27	1	...	7·9	9·4	...	3	0	0	8	0	0	0	0	0	0
Salem ...	99·6	−0·6	103	25,30	79·1	+2·6	74	6	0·50	0·50	−1·43	0·38	6	2	−1·6	5·3	6·2	+2·3	3	0	0	9	0	0	0	0	0	0
Kallakurichi ...	99·6	...	104	30	78·5	...	73	4,17	0·29	1·16	...	0·75	4	2	...	...	...	...	4	0	0	1	0	0	0	0	0	0
Cuddalore ...	90·7	−1·5	94	12,24	79·1	+1·4	72	19	0	0	−0·98	0	...	0	−1·1	8·9	8·4	+3·3	0	0	0	0	0	0	0	0	0	0
Vellore ...	98·6	−0·2	105	30	79·2	+3·0	72	17	0	0·05	−0·95	0·05	17	0	−1·5	6·4	6·6	+2·9	1	0	0	1	0	0	0	0	0	0
Madras ...	95·0	−0·5	100	12	80·1	+2·0	77	2,6	0	0	−0·61	0	...	0	−0·9	13·2	9·8	+2·7	0	0	0	0	0	0	0	0	0	0
Madras (Nungambakkam) ...	92·1	...	94	9,12, 13	79·9	...	76	2,6,9	...	0	...	0	...	0	...	...	6·5	...	0	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	90·5	−0·7	93	23	78·7	+0·2	71	15	0·03	2·09	+0·56	0·98	25	4	+1·7	7·1	6·3	+1·2	6	0	0	12	0	0	0	0	0	0
Kozhikode ...	94·0	+3·0	96	5days	79·7	+1·3	74	27	0	2·88	−0·70	1·64	25	4	−0·2	10·0	8·2	+1·5	5	0	0	6	0	0	0	0	0	0
Palghat ...	98·1	...	103	14	78·9	...	74	5,17	0·05	0·68	...	0·37	17	2	...	6·5	5·6	...	2	0	0	7	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	97·3	0	99	3,23	73·5	+0·6	69	4	0·04	0·33	−0·64	0·15	24	2	0	4·8	4·5	+0·2	3	0	0	3	0	0	0	0	0	0
Shimoga ...	97·4	...	100	10,13, 14	71·9	...	69	4days	0·91	1·69	...	0·64	21,26	4	...	4·7	3·9	...	7	0	1	12	0	0	0	0	0	0
Hassan ...	92·6	+0·2	95	12	69·1	+1·8	66	4	1·73	2·69	+0·49	1·01	24	5	+0·8	4·4	5·3	+1·4	10	0	0	6	0	0	0	0	0	0
Bangalore (Central Observatory) ...	93·1	+0·6	96	25,30	71·7	+2·6	68	17	0·11	0·20	−1·41	0·13	26	1	−1·6	7·0	5·8	+1·5	2	0	0	5	0	0	0	0	0	0
Bangalore (Aerodrome) ...	93·3	...	97	30	70·9	...	68	6,17	0·01	0·29	...	0·23	6	1	...	...	...	...	4	0	0	4	0	0	0	0	0	0
Mysore ...	94·3	−0·3	97	3	71·5	+1·1	66	26,30	0·12	2·02	−0·28	0·94	26	4	−0·6	5·6	5·1	+0·3	6	0	0	8	0	0	0	0	0	0
Balehonnur ...	89·1	+1·8	93	2	63·8	−2·3	57	22,30	...	6·29	+2·74	1·57	30	10	+3·5	...	...	...	15	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	89·0	+0·4	91	15	79·2	+0·5	75	17	0·40	3·96	−0·98	1·69	10	7	+0·3	8·6	6·5	+1·2	12	0	0	13	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	90·6	...	93	10,19, 25	78·0	...	75	4days	0·69	4·30	...	0·82	11	7	...	6·3	4·1	...	10	0	0	13	0	0	0	0	0	0
Alleppey ...	91·8	...	94	19,21	77·9	...	71	28	0·76	5·92	...	2·03	10	11	...	10·0	7·7	...	15	0	0	17	0	0	0	0	0	0
Trivandrum ...	90·2	+0·1	95	22	77·0	−0·2	73	16	3·46	4·24	−0·31	1·35	5	7	+0·1	7·0	4·8	+0·5	11	0	0	22	0	0	0	0	0	0
Nagercoil ...	93·2	...	97	8	78·0	...	74	5	3·17	3·70	...	1·15	5	7	...	8·7	6·0	...	11	0	0	18	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER— APRIL 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	81·1	...	90	9	63·7	...	57	2,24,27	2·53	8·09	...	1·68	25	13	...	7·1	6·9	...	16	0	1	12	3	0	0	0	0	0
Shillong ...	74·9	+0·8	83	9	57·2	+0·2	50	5	3·30	7·18	+2·08	2·16	30	12	+2·8	2·5	2·2	−3·0	15	0	0	14	0	0	0	0	0	0
Cherrapunji ...	72·0	+0·7	82	15	59·2	+0·3	53	4,12	1·16	15·37	−10·86	6·59	12	13	−3·0	8·8	7·7	+1·1	14	0	0	19	3	0	0	0	0	0
Darjiling ...	63·3	+2·1	71	15,16	50·1	+1·3	41	4	1·90	4·78	+0·64	1·47	25	9	+1·5	7·0	6·7	+1·0	14	0	0	5	6	0	0	0	0	0
Darjiling (Raj Bhawan) ...	64·8	...	75	15	51·5	...	45	3	1·09	3·77	...	0·95	25	8	...	3·2	2·3	...	9	0	0	0	30	0	1	0	0	
Kalimpong ...	73·9	−0·2	84	15	60·6	+1·1	51	4	1·54	2·64	−0·09	0·66	3	7	+1·2	4·3	3·0	−4·9	7	0	0	0	2	0	0	0	0	0
Katmandu ...	82·8	−1·1	90	14	52·7	+0·2	46	11	1·73	3·18	+2·17	0·88	19	7	+3·8	1·6	1·0	−0·3	10	0	0	17	0	0	0	0	0	0
Mukteswar (Kumaon) ...	69·4	+1·5	75	30	52·8	+2·5	38	3	0·57	1·18	−0·23	0·38	22	4	+0·7	11·0	10·0	+3·3	3	0	0	6	0	0	0	0	0	0
Lokpal ...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	1·20	...	0·47	29	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	71·9	+2·7	78	24,25 30	56·0	+3·2	40	2	0·11	0·43	−0·90	0·22	2	2	−1 8	5·2	4·5	−0·7	5	0	0	8	0	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	1·34	...	0·31	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	2·72	...	0·57	21	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	69·4	+3·5	76	25	55·6	+5 0	39	2	0·72	1·50	−0·31	1·20	2	1	−3·1	3·4	2·6	−1·3	5	0	1	6	0	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	1·50	+0·12	1·50	2	1	−1·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	2·68	−0·65	1·45	27	4	−2·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	1·99	...	0·71	27	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	1·52	...	0·75	27	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	1·98	...	0·81	29	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	75·2	...	85	26	57·2	...	40	1	0·09	1·12	−1·87	0·60	1	3	−2·7	2·5	4·2	...	4	0	0	0	0	0	1	0	0	0
Dharamshala ...	83·1	...	90	25,26	67·1	...	52	1	0·27	0·65	...	0·27	1	2	...	...	...	...	7	0	2	6	0	0	0	0	0	0
Pachmarhi ...	94·5	+2·6	99	24,27	72·3	+3·5	62	8·9	0·09	0·29	−0·08	0·29	8	1	+0·1	4·9	3·8	−0·4	1	0	0	4	0	0	0	0	0	0
Abu ...	87·4	+3·1	93	17,18 23	70·1	+1·8	61	3	0	0	−0·11	0	...	0	−0·3	3·9	4·7	−1·2	0	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	86·4	+1·0	92	13,14	66·3	+0·2	62	4,6 15	0·18	0·61	−0·57	0·37	15	2	+0·5	6·8	7·2	+0·2	7	0	1	6	0	0	0	0	0	0
Nandi Hills ...	85·4	...	89	24	64·8	...	61	17	...	2·45	...	1·22	6	3	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Mercara ...	84·0	+0·3	89	13	65·2	+1·3	61	5	2·46	5·29	+2·73	2·54	6	5	−0·1	5·8	4·8	+1·6	7	0	0	10	0	0	0	0	0	0
Kodaikanal ...	67·0	−1·2	71	1,2	53·1	0	50	18	4·82	8·23	+3·41	2·60	5	14	+6·3	9·0	8·7	+1·3	14	0	0	16	0	0	0	0	0	0
Ootacamund ...	70·4	+0·9	76	30	51·4	−0·1	48	18	1·77	2·15	−0·89	0·75	25	6	−0·5	4·5	2·9	−0·4	13	0	0	3	0	0	0	0	0	0
Coonoor ...	73·2	−1·4	76	5 days	57·1	+0·6	52	1,16	...	5·01	−0·86	2·42	17	8	+1·1	...	3·9	+0·7	12	0	0	10	6	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	0·99	...	0·30	10	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	5·42	...	0·82	2	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	...	...	...	...	...	3·38	...	1·03	3	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	60·7	+3·6	67	17	33·2	−1·7	23	4	...	2·30	−1·61	1·00	3	6	−4·4	...	...	...	6	0	1	0	0	0	0	0	0	0
Lhasa ...	61·3	...	69	29	33·4	...	24	14	...	0·15	...	0·12	23	1	...	...	1·7	...	2	0	0	0	0	0	0	0	0	0
Gyantse ...	57·1	+1·4	64	30	27·2	+1·4	14	13	...	0·47	+0·27	0·25	19	2	+1·3	...	4·1	0·7	3	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	88·2	−0·6	90	7 days	74·8	−1·1	66	27	1·51	8·30	−1·13	1·48	10	16	+5·1	...	...	...	23	0	0	3	0	0	0	0	0	0
Trincomalee ...	88·3	−3·4	95	12	77·3	−0·3	73	17	0·17	2·51	+0·49	1·03	14	4	+0·7	...	...	...	6	0	0	5	0	0	0	0	0	0
Batticoloa ...	88·2	...	92	28	76·9	...	74	15	0·36	1·03	...	0·57	15	4	...	...	...	...	4	0	0	8	0	0	0	0	0	0
Hambantota ...	87·3	−0·5	39	12,30	76·0	−0·1	74	4 days	1·49	3·28	−0·44	1·38	15	4	−2·2	...	...	...	10	0	0	3	0	0	0	0	0	0
Mannar ...	91·8	...	97	28	78·3	...	75	18	0·54	1·28	...	0·36	17	3	...	...	...	...	9	0	0	18	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar Catchment																												
Bokaro ...	99·8	...	108	30	71·6	...	65	3,4,26	2·01	2·53	...	0·84	16	4	...	7·9	5 2	...	8	0	2	11	0	2	0	0	0	0
Hazaribagh ...	94·7	...	102	30	70·4	...	62	3	2·90	3·00	...	0·99	22	4	...	8·1	5·3	...	7	0	0	9	1	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	103·1	...	111	30	72·9	...	65	11	0	1·87	...	1·60	3	2	...	2·7	2·3	...	5	0	0	0	0	0	0	0	0	0
Hirakud ...	103·4	...	111	29	76·6	...	69	3	0	2·10	...	0·79	18	4	...	4·7	3·3	...	7	0	0	0	0	0	0	0	0	0
Barkachhar ...	102·4	...	109	29,30	75·3	...	68	3	0	2·09	...	1·67	5	2	...	7·9	5·0	...	3	0	0	8	0	3	0	0	0	0
Sonepur ...	104·1	...	111	29,30	78·7	...	72	3,17	...	0·43	...	0·20	17	2	...	...	5·0	...	7	0	0	0	0	0	0	0	0	0
Ginabahar ...	100·7	...	108	30	71·0	...	63	3	...	1·91	...	1·70	3	2	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Jonk ...	104·9	...	112	29,30	78·6	...	68	3	0	0·06	...	0·06	3	0	...	4·3	3·5	...	1	0	0	8	0	3	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—APRIL 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	76·6	...	88	13	50·9	...	41	4days	...	0·25	...	0·11	1	1	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Badrinath ...	...	...	...	...	...	closed	dur-	-ing	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa ...	107·3	...	111	7days	75·6	...	66	4	0	0	...	0	...	0	...	7·2	5·7	...	0	0	0	1	0	0	0	0	0	0
Bagra Tawa ...	105·6	...	110	25	77·7	...	66	4	0	0	...	0	...	0	...	6·6	4·0	...	0	0	0	0	0	0	0	0	0	0
Thikri ...	106·8	...	112	16	77·7	...	67	4	...	0·08	...	0·08	8	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	104·7	...	111	15	78·6	...	74	4,6,8	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	99·6	...	105	17,18	68·4	...	59	5	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Dharoi ...	105·6	...	110	16,17, 18	74·6	...	68	13	..	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1010·2	1001·3	...	77·1	75·6	74·7	29·6	93	...	9·9	...	3·3	0	0	27	2	3	3	0	0	3	11	5	3
	0830	,,	1011·7	1002·9	+0·9	86·7	78·6	74·9	29·9	69	− 4	4·8	+1·1	5·4	0	1	29	4	10	8	3	0	1	2	2	0
	1130	,,	1010·5	1001·8	...	88·7	79·2	74·9	29·8	64	...	4·2	...	7·6	0	0	30	0	10	15	4	0	0	0	1	0
	1730	,,	1008·7	999·9	...	83·1	77·3	74·7	29·1	76	...	4·8	...	4·7	0	0	29	1	7	11	1	0	3	5	1	1
	2330	,,	1010·4	1001·5	...	79·4	76·7	75·4	30·4	88	...	2·7	...	3·3	0	0	25	2	4	5	2	0	3	6	3	5
Assam																										
Dibrugarh ...	0830	348	1011·6	999·5	+0·5	76·8	70·5	66·9	22·3	73	− 6	4·5	−0·6	1·7	0	0	25	4	5	7	1	0	1	1	6	5
	1730	,,	1006·7	994·7	...	78·7	72·1	68·6	24·0	72	...	6·1	...	0·7	0	0	10	1	4	4	0	0	1	0	0	20
Dibrugarh(Mohan.* bari Aerodrome)	0530	364	1010·4	997·6	...	67·9	66·1	65·0	20·8	91	...	5·1	...	1·3	0	0	14	0	10	2	0	0	1	1	0	16
	0830	,,	1011·8	999·2	...	76·5	69·4	65·5	21·5	70	...	4·5	...	3·4	0	0	25	1	15	6	0	0	1	2	0	5
	1130	,,	1010·2	997·7	...	82·2	71·1	65·0	21·1	59	...	4·6	...	3·6	0	0	26	0	16	2	1	0	6	0	1	4
	1730	,,	1007·1	994·7	...	79·1	71·7	67·6	23·1	69	...	6·0	...	1·5	0	0	13	0	9	1	0	1	0	0	2	17
	2330	,,	1009·7	996·9	...	70·3	67·8	66·3	22·1	88	...	4·4	...	1·7	0	0	12	2	8	0	0	1	0	0	1	18
Sibsagar ...	0830	317	1012·3	1001·2	+1·5	76·6	70·4	67·1	22·8	73	− 8	4·7	−1·3	2·8	0	0	30	3	12	4	3	5	2	0	1	0
	1730	,,	1006·9	996·1	...	80·3	73·2	69·3	24·9	70	...	5·9	...	2·1	0	0	25	11	7	1	2	2	0	0	2	5
Tezpur ...	0830	258	1011·5	1002·6	+0·8	76·1	69·8	65·8	21·8	73	− 1	3·7	−0·4	2·4	0	0	28	0	4	17	2	2	1	2	0	2
	1730	,,	1006·3	997 5	...	84·1	72·9	66·7	22·8	58	...	3·8	...	1·9	0	0	23	0	5	9	1	0	0	6	2	7
Tezpur (P.B.O.) ...	0530	257	1009·9	1000·7	...	69·5	67·1	65·6	21·5	88	...	4·7	...	1·8	0	0	16	3	5	6	1	0	1	0	0	14
	0830	,,	1011·6	1002·7	...	77·3	70·0	65·7	21·5	69	...	4·0	...	3·5	0	0	24	1	6	13	1	1	1	0	1	6
	1130	,,	1010·1	1001·3	...	83·9	72·0	65·0	21·3	56	...	3·9	...	4·7	0	0	25	0	6	10	2	0	5	1	0	5
	1730	,,	1006·5	997·7	...	82·5	71·5	65·2	21·4	58	...	4·4	...	2·6	0	0	17	1	6	4	1	1	2	0	2	13
	2330	,,	1009·1	1000·0	...	72·8	68·5	65·8	21·6	80	...	3·3	...	2·4	0	0	14	2	4	5	1	1	1	0	0	16
Gauhati ...	0830	182	1011·0	1004·8	+1·2	78·5	71·5	68·4	23·2	72	− 1	3·0	−0·8	1·9	0	0	27	2	5	5	2	5	1	2	5	3
	1730	,,	1005·3	999·1	...	83·7	73·3	67·7	23·1	60	...	4·0	...	1·7	0	0	22	0	5	6	4	0	5	1	1	8
Gauhati (Kaikuchi... Aerodrome)	0530	162	1009·0	1003·3	...	69·3	67·5	66·5	21·9	91	...	3·3	...	2·3	0	1	13	0	8	0	1	2	2	1	0	16
	0830	,,	1010·6	1005·2	...	79·1	72·0	68·1	23·7	70	...	3·1	...	4·5	0	0	28	3	17	2	0	1	3	1	1	2
	1130	,,	1009·0	1003·5	...	85·7	73·8	67·4	22·9	56	...	2·6	...	5·6	0	1	28	3	18	2	1	0	1	3	1	1
	1730	,,	1005·9	1000·4	...	82·5	73·2	68·1	23·5	65	...	3·8	...	2·1	0	0	16	2	7	0	1	2	2	0	2	14
	2330	,,	1008·0	1002·3	...	72·8	69·8	68·1	23·5	86	...	3·0	...	3·7	0	2	11	0	7	0	0	1	3	1	1	13
Dhubri ...	0830	115	1011·1	1007·1	+1·6	79·4	72·2	68·7	24·0	71	0	3·6	−0·2	5·7	0	2	25	3	12	5	3	1	2	1	0	3
	1730	,,	1005·3	1002·2	...	84·1	74·2	68·9	24·2	62	...	3·2	...	3·6	0	0	30	2	7	2	0	1	6	7	5	0
Silchar ...	0830	96	1011·9	1008·5	+0·9	78·9	72·5	69·1	24·2	73	− 2	3·6	−0·6	1·1	0	0	17	0	5	7	4	1	0	0	0	13
	1730	,,	1006·9	1003·6	...	85·2	75·2	70·2	25·3	62	...	3·4	...	0·2	0	0	3	0	1	1	0	0	0	1	0	27
Tura ...	0830	1,215	1011·1	969·7	...	78·2	71·7	67·8	23·6	71	...	3·3	...	3·2	0	1	22	3	3	3	2	3	6	2	1	7
	1730	,,	1006 3	965·5	...	83·4	74·7	70·5	25·7	67	...	3·5	...	3·7	0	0	27	0	0	3	9	5	10	0	0	3
Lumding ...	0830	...	...	...	...	78·9	70·1	64·9	20·9	63	− 8	...	...	4·1	0	0	26	2	5	4	8	1	3	0	3	4
	1730	...	...	...	...	85·6	72·4	65·2	21·4	53	...	...	...	5·0	0	0	29	0	8	2	4	2	5	0	8	1
West Bengal																										
Dum Dum ...	0530	33	1007·6	1006·5	...	76·7	74·4	73·3	27·7	89	...	4·2	...	4·4	0	1	23	0	1	2	6	10	5	0	0	6
	0830	,,	1009·3	1008·2	...	83·9	77·1	73·7	28·4	73	...	4·1	...	9·3	0	8	21	0	2	1	4	8	11	0	3	1
	1130	,,	1008·8	1007·7	...	91·6	77·5	70·2	26·0	52	...	3·5	...	10·6	0	10	20	0	0	1	3	12	6	3	5	0
	1730	,,	1005·2	1004·1	...	89·1	76·5	70·1	25·6	56	...	3·2	...	9·5	0	10	19	1	0	1	5	13	7	1	1	1
	2330	,,	1007·7	1006·6	...	79·1	75·1	73·2	27·9	83	...	3·6	...	9·3	0	6	22	1	0	1	2	13	8	2	1	2
Calcutta ...	0830	21	1009·5	1008·8	+1·0	84 6	78·0	75·0	29·9	74	+ 1	3·6	+0·6	4·4	0	0	29	0	1	0	5	7	13	2	1	1
	1730	,,	1005·4	1004·7	...	88·5	77·3	71·5	27·2	59	...	2·8	...	5·3	0	0	28	0	1	2	5	11	8	1	0	2
Saugor Island ...	0830	10	1009·3	1009·0	+0·6	84·2	78·5	76·0	31·0	77	+ 3	3·4	−1·0	15·4	0	18	12	1	1	0	2	5	18	1	2	0
	1730	,,	1005·6	1005·3	...	84·1	75·7	77·0	26·4	79	...	3·6	...	18·5	0	24	6	0	0	0	1	16	12	1	0	0
Sandheads ...	0530	32	1007·6	1006·5	...	80·2	78·3	76·6	32·1	85	...	3·8	...	11·1	0	10	20	0	0	1	1	6	21	1	0	0
	0830	,,	1009·8	1008·7	+0·1	83·5	79·5	77·1	32·6	81	+ 3	2·8	−0·3	8·1	0	5	25	0	0	0	2	4	23	1	0	0
	1130	,,	1009·3	1008·2	...	84·0	79·4	77·1	32·4	80	...	2·5	...	9·4	0	7	23	0	0	0	0	8	20	1	1	0
	1730	,,	1006·1	1005·0	...	83·3	79·4	77·8	32·4	83	...	2·9	...	10·9	0	13	17	0	0	0	0	13	17	0	0	0
	2330	,,	1008·3	1007·2	...	81·9	79·1	77·8	32·4	88	...	0·6	...	10·6	0	10	18	0	1	0	0	10	17	0	1	2
Midnapore ...	0830	149	1009·3	1004·2	+1·0	84·1	75·5	71·2	26·4	68	+ 4	2·1	0	3·7	0	0	25	1	2	1	0	11	8	1	1	5
	1730	,,	1004·9	999·9	...	92·7	75·7	65·9	22·6	47	...	2·9	...	5·4	0	1	25	0	2	0	0	21	2	0	1	4
Contai ...	0830	35	1009·2	1008·0	...	84·8	77·8	74·3	29·4	72	...	2·2	...	8·6	0	8	19	0	0	1	2	4	15	4	1	3
	1730	,,	1005·4	1004·2	...	84·7	78·8	75·8	30·8	76	...	1·6	...	11·6	0	10	19	0	0	0	4	17	8	0	0	1
Burdwan ...	0830	106	1008·9	1005 2	+0·7	83·0	75·9	72·5	27·5	72	+ 4	1·4	−1·5	3·5	0	0	24	0	1	5	3	12	2	0	1	6
	1730	,,	1004·1	1000·7	...	92·3	79·2	73·3	28·3	57	...	1·4	...	3·7	0	0	20	1	1	3	6	4	4	1	0	10
Krishnagar ...	0830	48	1009·6	1008·1	+1·5	83·2	77·3	74·6	29·2	76	+11	3·6	+0·8	3·8	0	0	30	2	0	1	3	20	2	2	0	0
	1730	,,	1005·4	1003·6	...	90·6	78·4	73·4	28·0	60	...	4·3	...	2·6	0	0	28	0	1	5	3	13	1	5	0	2
Asansol ...	0530	414	1007·3	993·0	...	76·1	70·0	66·0	22·4	74	...	3·0	...	3·4	0	1	24	0	1	5	11	2	0	3	3	5
	0830	,,	1009·0	994·9	+1·2	84·4	73·3	66·7	23·1	60	+10	2·4	+0·2	4·9	0	0	28	0	0	7	10	3	1	4	3	2
	1130	,,	1007·9	994·4	...	93·9	74·7	63·3	20·9	40	...	1·2	...	5·1	0	0	29	2	1	4	11	4	1	4	2	1
	1730	,,	1004·0	990·2	...	93·0	72·3	58·3	18·0	37	...	2·8	...	5·3	0	1	25	1	1	7	8	1	0	2	6	4
	2330	,,	1007·1	992·9	...	80·9	71·5	65·9	22·0	64	...	2·0	...	5·1	0	0	26	0	0	3	18	2	0	0	3	4
Berhampore ...	0830	62	1009·4	1007·2	+1·0	82·7	75·4	72·1	26·4	70	+ 6	3·7	+0·5	3·5	0	0	27	0	2	9	3	8	3	2	0	3
	1730	,,	1004·9	1002·7	...	90·6	76·3	68·9	24·2	53	...	4·5	...	2·3	0	1	19	0	2	4	2	8	4	0	0	10
Malda ...	0830	103	1009·6	1006·0	+1·5	82·7	72·1	65·3	22·2	61	+11	3·0	+1·1	5·1	0	0	29	0	3	6	7	5	4	2	2	1
	1730	,,	1004·9	1001·4	...	88·8	73·1	63·4	21·0	48	...	3·5	...	4·3	0	0	28	0	5	5	8	3	1	4	2	2
Cooch-Behar ...	0830	145	1009·3	1004·3	...	78·0	72·1	68·2	24·1	72	...	3·7	...	6·4	(d) 0	0	25	1	0	16	5	2	0	0	1	2
	1730	,,	1004·8	999·8	...	85·2	76·9	73·3	27·5	72	...	3·1	...	3·5	(g) 0	0	20	2	3	5	1	6	0	1	2	4

* Observations for 26 days. (d) Mean of 27 days. (g) Mean of 21 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1008·1	980·3	0	86·7	63·2	40·7	9·2	22	− 7	1·1	0	3·5	0	1	22	1	1	5	1	0	1	12	2	7
	1730	,,	1002·9	976·0	...	101·5	66·9	31·7	7·0	11	...	1·6	...	1·1	0	0	8	2	0	1	0	0	0	2	3	22
Agra ...	0830	553	1008·0	989·1	+0·3	84·2	64·5	50·3	11·9	33	+ 5	0·9	−0·4	0·4	0	0	4	0	0	1	1	0	1	1	0	26
	1730	,,	1003·4	985·2	...	100·9	68·4	40·1	9·1	14	...	1·6	...	0·7	0	0	8	1	0	0	0	0	1	5	1	22
Mainpuri ...	0830	516	1007·6	990·2	+0·4	84·6	67·0	54·3	14·7	37	+ 1	1·6	+0·2	1·9	0	0	23	0	2	5	4	2	1	9	0	7
	1730	,,	1003·1	986·4	...	99·0	71·2	50·4	13·7	23	...	1·4	...	1·9	0	0	19	0	0	1	1	0	3	11	3	11
Aligarh ...	0530	615	1006·5	985·2	...	73·6	62·5	53·6	14·3	55	...	1·6	...	0·7	0	0	5	0	0	2	0	0	0	2	1	25
	0830	,,	1007·9	987·3	...	82·9	65·5	53·3	13·6	38	+ 9	1·4	+0·4	0·7	0	0	8	0	0	2	0	0	0	6	0	22
	1130	,,	1007·6	987·1	...	99·7	71·1	51·4	13·4	24	...	1·2	...	3·2	0	0	15	0	1	4	0	0	0	8	2	15
	1730	,,	1003·3	983·1	...	100·1	71·5	54·1	10·8	20	...	2·1	...	2·6	0	0	15	0	0	1	0	0	0	11	3	15
	2330	,,	1006·1	985·1	...	81·9	66·0	54·4	14·6	40	...	1·5	...	0·7	0	0	4	0	1	1	0	0	0	2	0	26
Bareilly ...	0830	568	1008·3	988·5	+0·6	83·2	65·8	52·5	13·6	36	− 8	1·4	−0·2	4·8	0	0	26	3	1	11	2	0	2	5	2	4
	1730	,,	1003·2	984·3	...	97·3	68·8	46·7	10·9	20	...	1·9	...	2·3	0	0	19	5	0	4	0	0	0	9	1	11
Bareilly (P.B.O.) ...	0530	565	1005·9	986·0	...	75·4	66·4	61·3	18·1	63	...	1·8	...	3·9	0	0	23	1	2	10	3	0	0	3	4	7
	1130	,,	1007·3	988·4	...	94·9	68·8	52·5	12·5	25	...	1·2	...	6·3	0	1	29	2	2	5	5	3	0	7	6	0
	2330	,,	1005·7	986·3	...	82·6	69·7	63·2	18·7	53	...	1·8	...	3·0	0	0	20	0	2	8	2	0	0	3	5	10
Meerut ...	0830	728	1008·0	983·1	+1·0	81·6	65·9	55·1	14·8	42	+ 1	0·2	−1·3	1·5	0	0	20	0	4	12	0	0	0	3	1	10
Roorkee ...	0830	899	1008·0	977·4	+0·7	81·4	64·5	49·7	13·0	36	− 5	0·8	−0·7	1·3	0	0	13	0	0	4	7	1	0	0	1	17
	1730	,,	1003·7	973·1	...	95·6	68·2	46·0	11·1	20	...	1·8	...	1·8	0	0	21	0	0	1	5	1	0	4	10	9
Dehra-Dun ...	0530	2,239	896·6	931·8	...	66·9	56·9	48 8	11·9	53	...	0·9	...	1·1	0	0	15	4	5	0	0	0	0	2	4	15
	0830	,,	898·9	933·5	+1·3	77·4	62·1	51·2	12·7	41	− 3	0·9	−1·4	1·1	0	0	17	3	0	1	3	1	5	4	0	13
	1130	,,	899·9	933·7	...	87·9	64·6	46·9	11·4	26	...	0·9	...	2·6	0	0	29	1	0	1	3	8	11	4	1	1
	1730	,,	896·5	930·1	...	90·1	65·1	46·3	10·9	24	...	1·6	...	2·1	0	0	25	0	1	0	0	3	12	9	0	5
	2330	,,	897·2	932·0	...	75·1	60·1	48·0	11·6	40	...	0·9	...	1·7	0	0	17	9	6	0	0	0	0	1	1	13
Punjab (I)																										
New-Delhi ...	0530	710	1006·0	981·5	...	74·6	61·0	48·9	12·3	43	...	1·2	...	2·9	0	0	18	1	1	3	2	1	2	6	2	12
	0830	,,	1007·5	983·4	+0·1	84·0	64·6	49·3	12·0	31	− 6	1·0	−0 5	6·1	0	1	24	2	1	4	4	1	3	8	2	5
	1130	,,	1007·0	983·5	...	95·7	68·3	46·3	12·3	20	...	0·8	...	8·3	0	7	18	1	2	3	2	3	1	2	11	5
	1730	,,	1003·0	979·5	...	98·1	68 0	42·5	9·7	17	...	1·6	...	7·7	0	6	17	4	1	5	1	0	1	2	9	7
	2330	,,	1005·9	981·6	...	82·1	64·4	50·0	12·6	35	...	0·9	...	3·2	0	1	15	1	1	3	3	1	0	2	5	14
Hissar ...	0830	725	1007·8	982·9	−0·1	79·4	67·6	59·9	17·1	53	+12	0·3	−1·4	2·7	0	0	24	1	1	3	3	2	7	4	3	6
	1730	,,	1003·4	979·6	...	100·3	76·5	63·3	20·4	32	...	0·9	...	5·1	0	0	29	5	2	0	2	1	2	5	12	1
Karnal ...	0830	818	1007·4	979·9	...	80·2	64·4	50·8	13·4	38	...	0·6	...	3·6	0	0	27	2	4	5	8	1	1	4	2	3
	1730	,,	1003·1	976·1	...	97·7	67·6	43·0	9·6	16	...	0·7	...	3·5	0	0	23	0	0	0	4	0	3	10	6	7
Ambala ...	0830	892	1006·7	976·3	−0·4	76·3	63·2 (b)	49·4	15·0	37	0	0·5	−1·3	2·4	0	0	16	0	1	2	8	0	0	1	4	14
	1730	,,	1002·6	973·2	...	99·7	69·1	45·8	10·5	19	...	0·6	...	1·9	0	0	11	0	1	0	1	0	1	4	4	19
Ambala (P.B.O.) ...	0530	903	1005·8	974·7	...	75·9	62·8	54·4	13·7	47	...	1·3	...	3·9	0	0	23	2	0	7	4	0	0	0	10	7
	1130	,,	1007·3	977·0	...	91·6	67·5	52·5	12·2	28	...	1·3	...	10·5	0	11	19	1	0	7	10	0	1	4	7	0
	2330	,,	1005·8	975·1	...	83·8	65·3	53·3	12·9	36	...	1·0	...	4·1	0	0	27	6	2	4	2	0	1	1	11	3
Patiala ...	0830	822	1007·4	979·4	...	81·4	63·9	50·0	12·4	35	...	0·5	...	3·7	0	0	27	4	1	1	15	0	0	0	6	3
	1730	,,	1003·5	976·7	...	97·8	68·9	45·4	11·1	19	...	1·8	...	5·0	0	2	23	4	0	0	5	0	0	3	13	5
Ludhiana ...	0830	810	1007·6	979·8	+0·2	79·4	65·6	55·2	15·3	47	+ 1	1·3	−0·5	0·9	0	0	9	0	1	1	4	2	0	0	1	21
	1730	,,	1004·2	977·4	...	98·2 (b)	71·5 (b)	54·0 (b)	14·2 (b)	24 (b)	...	3·0	...	1·0	0	0	9	0	0	0	0	1	1	3	4	21
Ferozepur ...	0830	657	1008·1	984·4	...	77·6 (c)	64·1 (c)	54·9 (c)	13·6 (c)	45 (c)	...	1·3	...	1·3	0	0	17	1	9	0	0	1	2	0	4	13
	1730	,,	1004·2	982·4	...	97·0	70·3	50·6	13·4	22	...	1·6	...	1·1	0	0	16	4	6	0	0	0	2	0	4	14
Amritsar ...	0530	769	1007·0	980·0	...	64·9	58·0	52 3	11·4	65	...	1·6	...	3·6	0	0	27	7	7	4	0	0	0	3	6	3
	0830	,,	1007·9	981·5	...	78·1	63·6	52·3	13·5	43	...	2·0	...	5·4	0	1	24	6	5	6	2	1	0	2	3	5
	1130	,,	1007·8	982·7	...	91·7	68·1	50·5	11·1	26	...	2·1	...	6·1	0	2	26	3	5	2	5	0	3	4	6	2
	1730	,,	1004·2	978·7	...	95·5	67·3	44·2	10·3	19	...	2·2	...	8·3	0	5	24	6	2	1	0	1	0	7	12	1
Pathankot ...	0830	1128	1007·6	969·3	...	78·7	62·6	49·4	12·3	37	...	2·2	...	2·0	0	0	27	0	8	14	4	1	0	0	0	3
	1730	,,	1005·0	967·7	...	93·3	66·1	44·2	9·5	20	...	3·7	...	3·2	0	1	26	1	3	0	1	1	2	12	7	3
Jammu and Kashmir																										
Srinagar ...	0830	5,205	801·5	844·5	+2·1	54·4	50·2	46·7	10·5	76	− 9	3·7	−0·4	2·7	0	0	19	1	2	1	10	1	0	1	3	11
	1130	,,	802·2	844·4	...	64·3	55·0	48·2	11·6	58	...	3·3	...	3·3	0	0	23	2	3	0	1	4	1	9	3	7
	1730	,,	799·8	841·6	...	67·6	55·5	46·1	9·8	49	...	4·3	...	3·2	0	0	22	4	0	1	4	1	0	6	6	8
Gulmarg ...	0830	8709	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	713·0	669·2	...	32·5	26·9	18·0	3·5	55	...	2·9	...	2·4	0	0	17	1	16	0	0	0	0	0	0	13
	0830	,,	713·1	670·1	+3·3	40·5	31·4	16·1	3·2	40	−10	3·0	−1·1	1·7	0	0	13	0	0	0	1	3	7	0	2	17
	1730	,,	709·2	667·2	...	50·4	35·6	10·0	2·7	22	...	4·3	...	6·5	0	0	28	2	5	1	1	3	9	5	2	2
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	80·1	68·9	61·7	18·9	55	...	...	...	7·5	0	0	30	0	30	0	0	0	0	0	0	0
Rajasthan, West																										
Sri Ganganagar *...	0830	580	1007·7	987·7	...	81·8	64·2	50·3	12·6	36	− 6	0·4	−1·1	1·3	0	0	14	2	2	3	1	2	2	1	1	15
*	1730	,,	1003·6	984·5	...	99·0	69·1	45·7	10·6	18	...	0·4	...	2·4	0	0	22	2	2	2	0	1	3	4	8	7
Bikaner ...	0830	734	1007·5	982·7	+0·3	82·0	66·1	53·5	14·6	40	+12	0·3	−1·1	3·7	0	0	25	0	2	0	7	0	13	0	3	5
	1730	,,	1003·4	979·1	...	101·8	72·2	51·4	13·9	21	...	0·9	...	4·3	0	0	28	0	3	0	1	0	7	0	17	2

(b) Mean of 29 days (c) Mean of 28 days (R) Register not received. * Observations for 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations Wind-direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1006·9	980·3	...	75·5	62·7	52·5	16·0	47	...	1·0	...	1·5	0	0	14	2	1	0	0	2	7	1	1	16
	1130	,,	1007·7	983·3	...	98·0	73·4	56·[illegible]	17·0	27	...	1·3	...	2·9	0	0	28	2	3	2	1	1	8	7	4	2
	2330	,,	1006·5	981·6	...	85·0	67·5	55·6	15·1	37	...	0·9	...	1·3	0	0	15	3	0	0	1	4	5	2	0	15
Jaisalmer ...	0830	793	1007·7	980·8	...	82·3	66·6	54·2	15·1	42	...	0·5	...	7·9	0	3	23	0	7	0	0	1	16	0	2	4
	1730	,,	1003·2	977 3	...	100·4	70·9	48·4	12·3	19	...	1·2	...	9·2	0	7	23	0	6	0	1	1	16	2	4	0
Jodhpur ...	0530	736	1007·1	981·8	...	78·5	61·3	45·1	11·0	33	...	0·5	...	4·9	0	0	23	1	5	0	0	0	5	8	4	7
	0830	,,	1008·9	983·8	+1·8	83·4	64·5	48·4	12·6	32	0	0·8	−0·9	5·7	0	0	27	2	4	1	0	2	12	5	1	3
	1130	,,	1008·5	984·0	...	96·5	69·7	49·7	12·2	22	...	0·8	...	7·0	0	2	27	1	5	1	1	1	12	6	2	1
	1730	,,	1004·2	980·0	...	101·1	70·0	46·2	11·0	16	...	1·4	...	6·7	0	2	27	1	2	1	2	2	11	7	3	1
	2330	,,	1007·0	982·1	...	87·6	64·8	45·2	11·0	24	...	0·3	...	5·5	0	1	25	1	3	0	0	1	5	10	6	4
Phalodi ...	0830	767	1008·2	982·1	...	81·8	66·3	54·2	15·2	42	...	0·9	...	9·3	0	6	24	1	2	4	4	6	6	6	0	0
	1730	,,	1004·2	978·8	...	101·4	72·1	49·9	13·3	23	...	0·8	...	9·4	0	9	21	5	1	0	1	3	13	6	1	0
Barmer ...	0530	638	1006·5	984·8	...	81·9	70·6	64·9	20·6	55	...	0·3	...	6·9	0	4	21	3	0	0	0	0	7	10	5	5
	0830	,,	1008·5	986·7	+0·2	83·4	72·1	65·6	22·0	57	+ 4	0·8	−0·5	4·4	0	1	20	1	1	0	1	3	5	5	5	9
	1130	,,	1008·0	987·1	...	96·4	78·0	68·2	24·2	42	...	1·1	...	4·9	0	1	25	0	5	1	2	4	10	2	2	4
	1730	,,	1003·9	982·9	...	102·1	81·6	71·3	27·5	40	...	1·2	...	4·9	0	1	26	1	1	1	3	5	9	4	3	3
	2330	,,	1006·7	985·3	...	90·7	74·6	65·5	22·1	45	...	0·4	...	5·2	0	0	25	0	1	0	0	0	10	12	2	5
Rajasthan, East																										
Sikar ...	0830	1419	1007·9	960·2	...	82·1	70·8	62·8	20·7	53	...	0·5	...	2·3	0	0	22	1	1	2	4	7	6	1	0	8
	1730	,,	1003·4	956·9	...	97·7	81·1	72·1	28·7	47	...	1·8	...	1·9	0	0	27	0	1	3	1	1	2	11	8	3
Jaipur ...	0830	1431	1008·1	960·4	+0·2	86·6	65·0	47·3	11·3	27	− 1	0·8	−0·6	3·9	0	0	22	3	3	3	3	0	1	0	9	8
	1130	,,	1007·3	960·4	...	96·7	67·3	42·6	9·5	17	...	0·6	...	5·5	0	0	28	3	1	0	2	4	2	3	13	2
	1730	,,	1003·4	956·5	...	97·4	67·2	41·7	9·3	17	...	2·1	...	5·4	0	0	29	4	4	0	3	1	3	5	9	1
Jaipur (Sanganer Aerodrome) ...	0530	1282	1006·7	962·9	...	75·8	59·5	43·9	10·3	35	...	1·1	...	6·2	0	0	27	4	3	4	0	0	0	2	14	3
	0830	,,	1007·9	964·7	...	84·5	64·4	48·0	11·1	31	...	1·1	...	8·3	0	6	20	3	1	6	2	0	1	5	8	4
	1130	,,	1007·1	964·9	...	95·9	68·2	45·4	11·1	20	...	0·7	...	10·9	0	7	23	1	1	3	5	1	3	8	8	0
	1730	,,	1003·1	961·2	...	98·2	68·3	41·9	10·0	16	...	1·9	...	10·7	0	10	18	2	3	0	3	1	3	9	7	2
	2330	,,	1006·4	963·1	...	81·9	61·6	42·8	9·6	27	...	1·0	...	6·2	0	1	27	6	1	2	0	0	0	5	14	2
Ajmer ...	0830	1593	1008·6	955·2	+0·2	83·7	62·7	46·2	11·1	29	− 1	0·9	0	6·1	0	1	20	1	2	0	0	1	9	7	1	9
	1730	,,	1003·7	951·6	...	97·7	64·7	35·7	7·7	12	...	1·4	...	3·4	0	0	28	2	0	0	0	0	8	14	4	2
Kotah ...	0530	843	1005·3	977·7	...	80·7	61·5	43·9	9·9	29	...	1·6	...	1·9	0	0	16	1	0	0	0	0	2	10	3	14
	0830	,,	1008·1	979·7	0	85·0	63·9	42·0	10·8	21	− 4	1·2	−0·2	3·3	0	0	20	0	0	0	1	2	0	14	3	10
	1130	,,	1007·6	979·8	...	99·5	67·2	38·5	8·2	13	...	1·3	...	2·9	0	0	19	0	1	1	0	0	1	10	6	11
	1730	,,	1003·3	975·7	...	102·3	67·5	35·4	7·2	11	...	1·6	...	4·1	0	0	25	1	0	0	0	0	3	17	4	5
	2330	,,	1006·3	977·9	...	87·9	63·9	42·3	9·5	22	...	1·0	...	2·0	0	0	15	0	0	0	0	0	0	12	3	15
Jhalawar ...	0830	1053	1008·1	973·1	0	83·8	63·1	45·0	10·5	26	− 3	0·8	−0·3	2·9	0	0	23	1	1	3	0	1	3	9	4	7
	1730	,,	1002·5	968·4	...	102·5	69·2	40·6	10·0	13	...	1·6	...	3·7	0	0	29	3	1	1	0	1	1	12	10	1
Udaipur ...	0530	1910	897·3	943·6	...	73·6	60·1	49·6	12·2	44	...	0·6	...	1·7	0	0	12	2	1	0	0	0	0	6	3	18
	0830	,,	899·6	945·6	+0·9	84·1	64·5	50·0	12·8	32	− 8	1·1	+0·1	2·3	0	0	21	3	2	1	0	1	1	7	6	9
	1130	,,	900·6	945·6	...	88·4	66·8	47·0	13·8	22	...	1·2	...	5·0	0	0	30	3	6	0	2	2	7	7	3	0
	1730	,,	897·3	942·0	...	94·4	64·5	47·3	8·5	21	...	2·0	...	6·5	0	0	28	0	0	0	0	6	9	8	5	2
	2330	,,	898·5	944·4	...	76·2	62·7	48·6	13·9	33	...	0·6	...	2·0	0	0	14	1	1	0	1	0	6	5	0	16
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	689	1006·1	982·6	...	79·0	60·5	42·3	9·7	31	...	1·2	...	3·5	0	1	17	3	0	1	1	1	5	3	4	12
	0830	,,	1007·5	984·3	...	87·8	64·3	42·4	10·0	23	...	2·0	...	5·1	0	1	23	0	2	3	2	3	4	1	9	6
	1130	,,	1007·2	984·4	...	98·7	66·6	35·7	7·8	13	...	2·0	...	6·3	0	3	22	2	1	1	2	5	2	3	9	5
	1730	,,	1003·1	980·5	...	100·8	66·1	31·0	6·2	10	...	2·1	...	6·4	0	1	27	5	3	3	0	0	2	2	13	2
	2330	,,	1006·0	982·8	...	85·8	63·2	42·2	9·6	24	...	1·2	...	3·9	0	1	23	3	0	3	0	5	5	2	6	6
Sheopur Kalan ...	0830	771	1007·3	980·9	...	82·4	63·5	47·2	11·5	31	...	1·9	...	1·8	0	0	14	0	1	0	2	5	3	2	1	16
	1730	,,	1002·6	977·3	...	102·3	70·0	44·6	10·5	16	...	3·1	...	4·4	0	0	23	5	1	1	0	1	1	7	7	7
Guna ...	0530	1571	1007·4	953·9	...	73·7	57·7	44·7	9·8	36	...	1·2	...	1·6	0	0	19	0	2	10	2	2	0	3	0	11
	0830	,,	1008·0	955·6	−0·2	85·3	63·4	46·8	11·1	28	+ 2	2·0	+1·2	4·7	0	0	28	4	1	7	0	1	4	8	3	2
	1130	,,	1007·0	955·9	...	98·7	67·1	42·9	9·8	16	...	1·1	...	6·1	0	0	30	2	1	4	1	1	1	13	7	0
	1730	,,	1002·3	951·7	...	100·4	66·9	41·5	8·9	14	...	2·7	...	6·2	0	0	30	4	1	0	0	0	2	19	4	0
	2330	,,	1006·9	954·2	...	81·5	61·3	45·0	10·1	29	...	1·0	...	1·9	0	0	14	2	1	3	2	2	1	2	1	16
Neemuch ...	0830	1626	1009·1	954·9	+0·7	85·6	61·0	38·3	8·6	20	−14	1·0	−0·1	6·7	0	1	28	3	9	1	0	0	5	6	5	1
	1730	,,	1003·8	951·3	...	99·2	63·3	26·8	5·3	9	...	2·5	...	8·9	0	3	27	1	3	1	0	0	9	11	5	0
Ratlam ...	0830	1596	1009·3	955·6	...	81·7	64 3	51·9	13·5	37	...	1·9	...	5·3	0	0	28	3	1	3	0	2	10	8	1	2
	1730	,,	1003·9	952·1	...	98·2	68·4	47·4	11·6	19	...	3·1	...	8·3	0	3	27	1	0	0	0	0	6	16	7	0
Indore * ...	0530	1861	896·8	945·3	...	73·5	59·6	47·6	11·8	42	...	1·3	...	3·1	0	0	17	2	0	1	0	0	3	8	3	11
	0830	,,	899·4	946·9	−0·5	84·7	65·8	52·9	14·0	35	− 2	1·9	−0·2	7·7	0	1	27	2	4	1	1	0	1	9	10	2
	1130	,,	900·0	946·5	...	96·1	70·1	52·6	14·6	26	...	1·1	...	8·5	0	3	26	8	4	0	0	1	0	8	8	1
	1730	,,	896·6	942·7	...	98·1	69·2	49·7	12·6	21	...	1·4	...	9·9	0	8	22	4	0	1	0	0	2	14	9	0
	2330	,,	897·4	945·0	...	82·2	63·9	50·6	12·9	35	...	1·3	...	5·5	0	0	28	2	4	0	0	0	0	12	10	2
Bhopal (Bairagarh) ...	0530	1714	895·7	949·3	...	76·0	58·3	42·5	9·5	32	...	1·7	...	5·6	0	1	25	2	2	0	4	2	3	6	7	4
	0830	,,	898·7	951·3	+0·2	85·6	63·4	46·1	10·9	27	+ 3	1·1	−0·3	8·2	0	4	23	1	1	3	2	1	3	5	11	3
	1130	,,	899·5	951·1	...	96·7	67·1	44·2	10·6	19	...	0·6	...	7·5	0	3	26	1	1	3	2	3	2	5	12	1
	1730	,,	896·1	947·1	...	99·9	66·9	40·5	9·1	14	...	2·6	...	9·8	0	8	20	2	0	0	2	0	3	11	10	2
	2330	,,	896·8	949·6	...	83·3	60·2	39·2	8·5	22	...	1·5	..	5·3	0	0	29	4	1	0	1	2	3	8	10	1
Vindhya Pradesh																										
Nowgong ...	0830	750	1007·9	982·6	+0·1	87·1	63·4	41·8	9·2	22	−12	1·5	−0·3	3·2	0	0	26	1	1	3	2	6	6	7	0	4
	1730	,,	1002·7	978·2	...	101·7	67·9	36·3	8·0	12	...	2·2	...	3·1	0	0	29	6	5	1	0	0	2	7	8	1
Sutna ...	0830	1041	1007·5	972·6	+0·2	87·2	...	...	...	...	...	1·2	...	3·7	0	0	21	1	0	4	4	3	4	4	1	9
	1730	,,	1002·4	968·5	...	99·9	...	...	...	...	...	1·5	...	5·9	0	0	27	3	2	1	0	1	0	6	14	3

* Observations for 28 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1017·8	957·7	...	87·5	68·9	57·4	16·6	38	+10	1·2	-0·7	3·1	0	0	20	0	1	3	5	0	5	0	6	10
	1730	,,	1002·5	953·9	...	98·9	74·4	60·3	19·0	33	...	2·2	...	4·1	0	0	28	5	2	1	3	0	3	0	14	2
Madhya Pradesh, East																										
Gondia ...	0830	1026	1009·1	974·6	...	86·9	70·5	60·1	18·1	43	...	1·8	...	2·4	0	0	24	4	2	1	3	3	10	0	1	6
	1730	,,	1002·9	969·4	...	100·5	72·3	53·2	14·3	22	...	3·2	...	2·6	0	0	28	8	1	2	0	5	3	6	3	2
Pendra ...	0530	2048	896·9	938·3	...	74·3	60·6	49·8	12·5	44	...	1·1	...	4·2	0	0	25	2	0	0	0	11	5	1	6	5
	0830	,,	899·5	940·2	+0·1	84·3	65·3	52·1	13·5	35	+ 4	1·0	-1·0	5·3	0	1	27	5	0	1	0	13	4	1	4	2
	1130	,,	899·8	939·8	...	94·7	68·4	50·8	13·0	24	...	1·6	...	6·2	0	1	29	5	5	4	1	6	3	5	1	0
	1730	,,	896·4	936·3	...	91·6	67·1	49·7	12·7	28	...	3·7	...	5·5	0	3	27	9	1	3	2	1	5	2	7	0
	2330	,,	897·6	938·5	...	81·2	62·7	48·7	11·9	35	...	1·4	...	3·3	0	1	24	2	1	2	1	2	4	3	10	5
Raigarh ...	0830	723	1008·3	984·0	...	86·1	70·3	59·4	18·2	42	...	1·7	...	2·3	0	0	24	4	4	2	5	4	3	1	1	6
	1730	,,	1002·3	978·7	...	102·2	71·0	47·3	11·8	17	...	3·2	...	2·7	0	1	17	3	2	0	0	1	3	2	7	12
Ambikapur ...	0830	1989	899·3	942·4	...	81·9	65·4	54·9	14·7	41	...	0·5	...	4·0	0	0	23	0	0	1	4	6	11	1	0	7
	1730	,,	896·3	938·3	...	93·6	66·2	45·4	10·8	22	...	2·4	...	6·9	0	3	27	10	2	1	1	3	1	4	8	0
Champa ...	0830	80 5	1008·6	981·5	...	87·0	68·5	55·7	15·4	36	...	1·5	...	3·0	0	0	27	4	1	5	6	5	0	5	1	3
	1730	,,	1002·7	976·4	...	100·9	69·3	44·3	10·2	15	...	3·9	...	4·6	0	2	23	6	1	2	0	2	1	8	5	5
Raipur ...	0530	979	1006·5	973·2	...	80·4	65·7	54·8	15·0	43	...	2·7	...	3·1	0	0	21	1	0	0	1	10	6	3	0	9
	0830	,,	1008·6	975 6	+0·3	86·8	69·0	56·7	16·2	38	+ 4	2·6	+0·9	4·3	0	0	25	1	0	0	1	1	7	11	3	1	5
	1130	,,	1007·3	975·0	...	97·1	71·7	54·1	15·0	27	...	1·5	...	6·1	0	0	29	4	1	0	1	3	5	12	3	1
	1730	,,	1002·5	970·6	...	99·9	69·9	47·3	11·4	20	...	3·5	...	5·2	0	2	27	4	0	3	0	2	7	8	5	1
	2330	,,	1006·0	973·2	...	87·2	66·9	50·8	13·4	32	...	2·2	...	5·6	0	2	24	1	0	1	0	17	4	1	2	4
Kanker ...	0830	1318	1008·8	964·7	+0·4	86·6	72·2	63·9	20·5	48	+ 4	2·4	0	1·9	0	0	12	0	0	0	2	7	2	1	18
	1730	,,	1003·0	960·1	...	98·1	73·7	58·7	17·3	28	...	3·8	...	1·3	0	0	15	2	1	0	0	0	5	3	4	15
Chanda ...	0830	634	1009·1	987·7	+0·5	88·7	71·3	59·9	18·3	41	...	3·4	+1·7	0·7	0	0	9	0	0	0	5	0	3	0	1	21
	1730	,,	1003·0	982·2	...	102·4	73·3	53·8	14·8	22	...	4·8	...	0·7	0	0	8	0	0	0	2	0	2	0	4	22
Sironcha ...	0830	405	1010·5	996·7	...	87·3	74·6	68 2	23·5	54	...	1·6	...	5·7	0	0	30	2	0	0	2	10	9	9	1	1	0
	1730	,,	1003·9	990·6	...	102·5	74·7	58·7	16·7	24	...	3·6	...	4·9	0	1	29	3	1	1	3	7	7	3	5	0
Jagdalpur(P.B.O.)...	0530	1813	896·8	946·9	...	73·7	67·6	64·0	20·6	72	...	2·0	...	1·1	0	0	10	1	0	0	3	3	1	2	0	20
	0830	,,	899·6	949·2	+0·5	80·7	70·2	64·8	20·9	59	+ 3	1·6	-0·2	3·7	0	0	28	0	1	2	1	7	10	6	1	2
	1130	,,	900·1	948·6	...	90·9	72·2	62·1	19·4	39	...	1·8	...	4·6	0	0	30	0	1	0	0	1	17	3	8	0
	1730	,,	896·4	944·7	...	92·3	70·2	57·1	16·2	32	...	5·3	...	4·5	0	0	28	0	4	1	0	1	11	4	7	2
	2330	,,	897·8	947·5	...	78·5	68·2	62·1	18·9	57	...	2·4	...	2·5	0	0	18	0	0	2	4	6	6	0	0	12
Madhya Pradesh, West																										
Buldhana ...	0830	2133	902·2	938·1	...	82·7	68·2	59·3	17·7	46	...	2·9	...	5·7	0	0	30	1	1	1	1	0	2	3	21	0
	1730	,,	897·5	934·2	...	98·3	74·9	62·2	20·0	33	...	4·7	...	3·5	0	0	30	0	6	0	0	0	2	1	21	0
Akola ...	0830	925	1008·9	977·7	+0·3	89·0	64·9	44·2	10·2	21	- 7	2·3	+0·8	4·9	0	0	22	1	0	1	1	1	0	11	7	8
	1130	,,	1007·5	977·1	...	99·4	68·3	42·6	9·6	15	...	1·5	...	3·7	0	1	23	5	2	2	0	3	1	6	5	6
	1730	,,	1002·4	972·4	...	103·9	68·9	38·4	8·3	12	...	3·8	...	4·6	0	2	21	1	1	2	1	0	3	7	8	7
Akola ... (Aerodrome)	0530	1015	1006·7	972·2	...	80·0	68·1	60·0	18·1	52	...	2·6	...	3·7	0	1	22	1	0	0	2	3	5	6	6	7
*	2330	,,	1006·6	972·5	...	87·1	71·0	60·8	18·7	43	...	3·9	...	3·2	0	0	18	2	1	1	1	4	4	1	4	3
Amravati ...	0830	1213	1008·5	967·9	+0·4	87·0	67·3	53·0	14·0	32	+ 4	2·3	+0·8	3·7	0	0	29	1	4	3	2	4	6	6	3	1
	1730	,,	1003·4	963·1	..	102·7	72·3	51·7	13·2	20	...	3·7	...	5·0	0	0	30	0	2	0	5	0	11	2	10	0
Yeotmal ...	0830	1481	1008·6	959·4	...	88·1	69·9	58·9	16·7	39	...	3·6	...	10·8	0	9	21	0	4	0	3	0	16	0	7	0
	1730	,,	1002·7	954·6	...	98·4	71·3	52·5	13·9	24	...	4·7	...	7·4	0	3	25	0	7	0	2	0	4	0	15	2
Khandwa ...	0830	1044	1008·8	973·7	+0·3	87·6	67·7	53·1	14·2	32	+ 4	1·6	+0·4	9·0	0	4	24	1	2	1	0	1	2	14	7	2
	1730	,,	1002·4	968·6	...	103·1	72·6	51·4	13·5	19	...	3 0	...	8·5	0	3	27	5	3	0	0	0	5	8	9	0
Hoshangabad ...	0830	992	1008·6	975·3	+0·1	87·4	62·9	39·0	8·6	20	- 8	2·2	+0·9	1·5	0	0	19	0	0	1	2	0	14	1	1	11
	1730	,,	1002·0	969·8	...	103·9	67·2	30·5	6 2	9	...	4·5	...	3·1	0	0	30	0	3	1	9	1	5	2	9	0
Sagar ...	0830	1808	898·1	947·6	0	83·2	60·7	39·8	9·0	24	0	1·5	+0·1	10·3	0	9	20	1	1	5	3	2	9	8	0	1
	1730	,,	895·6	943·4	...	98·6	65·0	35·6	7·5	12	...	1·9	...	9·5	0	4	26	3	1	0	0	0	8	11	7	0
Jabalpur ...	0530	1289	1007·0	962·9	...	73·9	59·4	46·2	10·8	39	...	1·5	...	1·7	0	0	14	0	1	1	4	2	2	4	0	16
	0830	,,	1008·1	965·0	+0·4	86·8	64·7	46·3	10·9	26	- 5	1·5	+0·2	3·6	0	0	26	0	4	0	10	0	4	6	2	4
	1130	,,	1006·5	964·5	...	99·6	68·7	43·0	10·0	16	...	1·0	...	5·1	0	0	29	1	6	1	3	2	6	5	5	1
	1730	,,	1002·1	960·4	...	101·2	68·2	40·3	8·7	13	...	2·5	...	5·3	0	1	27	1	4	1	1	0	4	5	12	2
	2330	,,	1006·4	962·9	...	81·1	63·5	49·1	12·1	34	...	1·9	...	1·5	0	0	15	0	2	2	4	0	1	1	5	13
Mandla ...	0830	1452	1008·8	959·9	...	81·2	66·0	56·0	15·7	43	...	1·6	...	2·3	0	0	22	3	1	0	8	5	0	3	2	8
	1730	,,	1002·4	955·2	...	97·3	71·8	56·0	15·1	27	...	4·2	...	5·6	0	0	26	8	1	0	2	4	2	2	7	4
Seoni ...	0830	2027	898·5	940·0	-0·7	85·0	65·2	50·7	13·2	34	+ 4	1·7	+0·2	3·8	0	0	28	1	4	0	3	2	10	2	6	2
	1730	,,	896·3	937·1	...	94·7	70·0	53·5	15·0	29	...	3·2	...	4·7	0	0	28	2	0	1	3	4	3	5	10	2
Chhindwara ...	0830	2248	900·4	934·3	...	83·8	62·9	46·9	11·1	30	...	1·5	...	2·8	0	0	22	0	3	0	2	0	3	5	9	8
	1730	,,	897·1	930·1	...	96·0	65·3	40·0	9·7	16	...	3·0	...	4·1	0	1	29	2	3	0	4	1	3	7	10	0
Betul ...	0830	2144	900·2	937·8	...	83·2	62·9	47·4	11·3	30	...	0·7	...	3·8	0	0	24	0	1	3	4	2	5	5	4	6
	1730	,,	897·3	933·6	...	96·3	65·6	41·0	9·1	17	...	2·7	...	5·5	0	0	29	3	1	0	1	3	3	6	12	1
Nagpur ...	0530	1010	1006·7	972·4	...	80·3	63·9	50·1	12·9	38	...	3·8	...	5·3	0	3	26	2	3	3	1	1	8	6	5	1
	0830	,,	1008·6	974·8	+0·4	89·9	69·0	53·4	14·7	32	- 2	2·8	+1·0	9·4	0	4	26	2	3	2	1	5	6	4	7	0
	1130	,,	1007·4	974·8	..	99·7	71·8	52·1	13·9	22	...	1·9	...	8·5	0	3	27	5	3	4	2	2	5	3	6	0
	1730	,,	1002·3	969·5	...	101·9	70·9	47·5	11·8	18	...	4·5	...	8·9	0	4	25	2	4	2	2	4	3	4	8	1
	2330	,,	1006·2	972·6	...	87·3	66·5	50·1	12·2	30	...	3·4	...	5·8	0	2	23	1	1	2	2	3	5	3	8	5

* Observations for 21 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	N W	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1009·7	994·5	+0·4	81·8	68·4	58·8	17·6	49	...	0·6	...	...	0	0	30	4	2	2	1	4	8	6	3	0
	1730	,,	1004·8	990·1	...	100·9	71·0	47·8	12·3	18	...	0·6	...	...	0	0	30	0	4	0	0	3	17	4	2	0
Surat ...	0530	39	1008·7	1007·4	...	76·3	72·5	70·5	25·6	83	...	0·9	...	3·7	0	0	25	1	2	1	11	7	0	0	3	5
	0830	,,	1010·5	1009·1	+0·5	82·1	74·1	69·8	25·2	67	+ 5	1·1	−0·4	3·5	0	1	23	5	1	0	2	8	4	2	2	6
	1130	,,	1010·6	1009·3	...	94·4	74·9	63·8	20·7	39	...	0·9	...	5·4	0	1	26	2	2	2	0	0	7	6	8	3
	1730	,,	1006·2	1004·9	...	94·6	75·0	63·4	20·8	38	...	1·7	...	7·4	0	0	30	1	0	0	0	2	19	4	4	0
	2330	,,	1008·9	1007·6	...	82·2	75·1	71·8	26·6	72	...	0·5	...	5·6	0	0	30	1	0	0	0	8	12	6	3	0
Ahmedabad ...	0530	182	1007·8	1001·5	...	76·8	67·4	60·8	18·6	60	...	0·6	...	6·4	0	7	20	2	0	1	0	0	2	7	15	3
	0830	,,	1009·8	1003·6	0	82·5	70·9	63·6	20·6	55	+ 7	1·2	+0·1	8·6	0	5	23	1	0	2	1	1	2	5	16	2
	1130	,,	1009·9	1003·8	...	95·1	73·0	57·3	16·4	30	...	1·3	...	8·7	0	5	25	3	1	2	1	1	5	8	9	0
	1 30	,,	1005·2	999·2	...	102·8	71·1	47·8	11·6	17	...	0·8	...	10·1	0	3	27	1	0	0	1	3	5	13	7	0
	2330	,,	1008·0	1001·9	...	87·1	68·2	55·0	15·0	34	...	0·5	...	6·9	0	1	28	2	0	0	0	5	10	8	4	1
Dohad ...	0830	1093	1009·5	972·7	...	84·6	66·1	51·3	13·6	35	− 4	1·0	−0·3	11·5	0	15	14	1	2	1	2	1	5	15	2	1
	1730	,,	1004·6	969·0	...	100·0	68·0	41·2	8·9	14	...	0·8	...	7·9	0	1	29	1	0	0	0	1	4	23	1	0
Baroda ...	0530	115	1008·1	1004·1	...	76·3	67·9	62·1	19·4	63	...	0·4	...	1·2	0	0	14	1	0	0	0	0	3	6	4	16
	0830	,,	1010·3	1006·4	...	82·7	71·1	63·6	20·8	55	+ 8	1·1	+0·4	1·7	0	0	19	0	1	1	1	1	5	6	4	11
	1130	,,	1010·1	1006·2	...	96·1	73·6	59·6	18·1	32	...	1·3	...	2·7	0	0	24	4	5	1	1	0	5	3	5	6
	1730	,,	1005·4	1001·6	...	103·2	73·5	53·2	14·7	20	...	0·7	...	2·5	0	0	24	3	2	1	0	0	3	5	10	6
	2330	,,	1008·1	1004·2	...	84 8	71·1	62·6	19·8	49	...	0·4	...	2·3	0	0	24	2	0	0	0	1	3	7	11	6
Baroda ... (Aerodrome)	0530	124	1005·1	1004·2	...	77·7	67·7	60·9	18·7	58	...	0·2	...	3·8	0	0	24	1	1	0	3	2	15	2	0	6
	0830	,,	1010·1	1006·0	...	81·8	70·2	62·5	20·0	55	...	1·0	...	5·1	0	1	26	1	1	2	0	3	12	5	3	3
	1730	,,	1005·4	1001·3	...	102·2	73·2	55·4	14·8	21	...	1·2	...	7·0	0	2	27	1	1	0	0	0	10	8	9	1
	2330	,,	1007·9	1004·0	...	85·7	70·6	60·1	18·8	45	...	0·4	...	7·0	0	2	27	1	1	0	0	0	14	8	5	1
Broach ...	0830	57	1010·1	1008·1	...	79·2	71·8	67·2	23·3	69	...	1·0	...	3·7	0	0	28	1	2	1	4	5	11	2	3	2
	1730	,,	1005·5	1003·6	...	101·5	71·7	50·6	13·1	20	...	1·2	...	7·1	0	0	30	1	1	1	1	0	12	8	6	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1009·8	998·0	+0·4	79·3	71·3	66·6	22·6	67	+12	0·4	−0·6	4·1	0	0	25	1	0	0	0	0	7	16	1	5
	1730	,,	1006·4	995·0	...	96·5	69·8	49·8	12·8	23	...	0·5	...	11·2	0	11	19	0	0	0	0	3	8	18	1	0
Bhuj (P.B.O.) ...	0530	347	1008·2	996·2	...	75·9	70·7	68·0	23·3	78	...	0·4	...	3·4	0	0	22	0	0	0	0	1	16	4	1	8
	0830	,,	1009·5	997·6	...	80·4	72·3	68·7	23·5	68	...	0·6	...	4·3	0	0	22	1	0	0	0	0	18	2	1	8
	1130	,,	1009·4	997·8	...	93·0	71·8	59·9	17·0	36	...	0·7	...	5·5	0	0	26	1	2	0	1	0	9	10	3	4
	1730	,,	1006·0	994·5	...	96·7	71·8	57·4	15·3	29	...	0·9	...	8·9	0	2	28	1	0	0	0	1	19	5	4	0
	2330	,,	1008·7	996·8	...	81·2	71·3	65·4	21·6	61	...	0·4	...	5·1	0	0	26	0	0	0	0	1	17	6	2	4
Dwarka ...	0830	37	1010·5	1009·2	+0 2	80·0	76·4	74·8	29·4	84	+ 1	1·6	−0·3	8·6	0	5	24	2	1	0	0	0	8	14	4	1
	1730	,,	1008·1	1006·8	...	83·3	77·9	75·3	30·2	77	...	1·3	...	12·7	0	13	17	1	0	0	0	2	20	7	0	
Jamnagar ...	0530	74	1008·3	1005·7	...	74·0	70·5	68·6	23·9	84	...	1·1	...	6·1	0	2	26	1	0	0	1	1	18	6	1	2
	0830	,,	1009·5	1006·9	−0·7	79·6	74·3	71·5	26·6	77	+11	1·4	+0·1	7·6	0	4	25	0	0	0	0	1	11	14	3	1
	1130	,,	1009·9	1007·3	...	90·5	74·3	65·8	21·6	46	...	0·7	...	11·2	0	11	19	2	2	0	0	0	2	15	9	0
	1730	,,	1003·7	1004·1	...	89·9	74·9	66·8	23·4	49	...	0·8	...	19·0	0	28	2	2	0	0	0	0	0	21	7	0
Rajkot ...	0830	433	1010·0	995·0	+0·1	77·6	72·3	69·5	24·7	77	+14	1·5	−0·3	9·4	0	6	24	1	1	0	0	1	6	13	8	0
	1730	,,	1005·2	990·9	...	100·4	70·9	49·8	12·5	19	...	1·6	...	17·3	0	22	8	2	0	0	1	2	4	10	11	0
Rajkot ... (Aerodrome)	0530	439	1008·7	993·4	...	72·3	67·2	63·8	20·4	76	...	(b) 0·8	...	7·4	0	2	27	0	0	0	1	4	14	8	2	1
	0830	,,	1010·3	995·2	...	79·0	72·8	69·3	24·7	74	...	1·1	...	9·9	0	4	25	1	0	0	0	1	8	14	5	1
	1130	,,	1010·0	995·2	...	93·7	72·4	58·9	17·5	33	...	(b) 0·4	...	11·5	0	9	21	2	2	0	1	1	4	9	11	0
Veraval ..	0530	26	1008·7	1007·8	...	73·8	71·3	69·8	25·0	89	...	0·9	...	6·0	0	1	27	12	2	0	0	0	0	2	12	2
	0830	,,	1010·7	1009·8	+0·5	79·2	74·2	71·1	26·6	80	+ 6	2·0	+0·3	4·5	0	0	23	6	1	0	0	1	0	2	13	7
	1130	,,	1011·2	1010·3	...	85·1	76·5	71·9	27·3	70	...	1·0	...	7·8	0	2	28	1	0	0	0	2	5	13	9	0
	1730	,,	1007·8	1006·9	...	83·0	77·3	74·5	29·4	77	...	1·0	...	12·7	0	13	17	0	0	0	0	0	4	20	6	0
	2330	,,	1010·1	1009·2	...	78·6	75·1	73·2	28·2	85	...	0·9	...	7·8	0	0	29	4	0	0	0	0	0	10	15	1
Bhavnagar ...	0830	55	1010·8	1008·9	+0·9	80·4	72·4	67·9	23·6	67	+17	0·8	−0·5	4·7	0	0	29	2	0	1	0	4	6	10	6	1
	1730	,,	1006·0	1004·2	...	100·6	83·2	75·3	30·9	47	...	1·6	...	6·2	0	0	30	0	1	5	6	12	2	2	2	0
Bhavnagar ... (Aerodrome)	0830	35	1010·5	1009·3	...	82·9	69·2	60·2	18·2	47	...	1·3	...	9·5	0	6	24	6	1	0	0	2	5	6	10	0
	1130	,,	1010·4	1009·2	...	92·9	73·1	58·9	17·5	34	...	1·2	...	9·7	0	5	25	4	4	13	3	1	2	1	2	0
Konkan																										
Dahanu ...	0830	15	1010·5	1010·0	...	82·9	78·1	75·7	30·7	79	...	2·9	...	6·5	0	2	27	3	2	11	9	1	0	1	2	1
	1730	,,	1007·1	1006·6	...	86·7	81·1	78·6	33·7	78	...	1·1	...	13·5	0	17	13	1	0	0	0	0	4	20	5	0
Bombay (Colaba) ...	0830	35	1010·8	1009·6	+0·4	83·5	76·7	73·5	28·3	73	− 2	2·7	+0·4	3·9	0	0	23	6	6	3	2	4	0	1	1	7
	1130	,,	1011·0	1009·8	...	88·4	77·5	72·3	27·2	60	...	1·4	...	5·5	0	0	29	3	0	1	0	1	5	13	7	1
	1730	,,	1007·3	1006·1	...	86·9	77·7	73·5	28·3	65	...	1·0	...	11·7	0	10	20	0	0	0	0	0	0	15	15	0
Bombay (Santa-cruz Aerodrome) ...	0530	27	1008·9	1008·0	...	75·6	72·3	70·6	25·6	85	...	1·5	...	3·2	0	0	18	7	8	1	0	1	0	0	1	12
	0830	,,	1010·8	1009·9	+0·4	83·4	76·1	72·5	27·4	70	0	2·6	...	5·4	0	2	25	7	7	2	2	4	1	2	2	3
	1130	,,	1011·0	1010·1	...	89·7	75·3	68·1	23·4	51	...	2·0	+0·3	11·3	0	9	21	4	1	0	0	1	3	11	10	0
	1730	,,	1007·3	1006·4	...	87·1	76·3	71·0	26·1	60	...	1·2	...	16·7	0	28	2	0	0	0	0	0	0	14	16	0
	2330	,,	1009·9	1009·0	...	80·8	75·2	72·3	27·3	77	...	1·0	...	6·1	0	2	24	6	1	0	0	2	3	3	11	4
Bombay (Juhu Aerodrome) ...	0530	12	1008·7	1008·2	...	77·9	73·6	71·8	26·4	81	...	1·5	...	1·1	0	0	9	3	1	3	0	1	1	0	0	21
	0830	,,	1010·6	1010·1	...	83·8	76·5	73·5	27·9	71	...	2·4	...	3·0	0	0	22	4	4	8	2	2	2	0	0	8
	1130	,,	1010·7	1010·2	...	89·9	77·5	72·6	26·6	57	...	1·8	...	10·3	0	6	24	1	1	0	0	0	5	12	11	0
	1730	,,	1007·1	1006·6	...	88·2	77·5	73·2	27·3	62	...	1·1	...	12·6	0	6	24	2	0	0	0	0	0	7	21	0
	2330	,,	1009·6	1009·1	...	81·8	75·9	73·5	27·9	76	...	0·9	...	3·7	0	0	19	7	1	1	0	2	2	1	5	11
Alibag ...	0830	23	1011·4	1010·6	+0·7	82·7	77·7	75·5	30·2	79	+10	2·1	−0·2	2·1	0	0	18	7	5	0	5	1	0	0	0	12

(b) Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 13	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1010·6	1008·3	...	82·4	76·7	73·9	28·8	76	...	2·1	..	6·8	0	2	26	11	2	0	4	4	0	1	6	2
	1730	,,	1007·3	1005·0	...	84·0	78·1	75·3	30·2	76	...	1·4	...	18·4	0	21	9	1	0	0	0	1	1	6	21	0
Ratnagiri ...	0830	116	1010·4	1006·4	+0·1	83·0	76·0	72·6	27·5	72	...	2·5	...	...	0	0	30	0	7	12	2	0	6	2	1	0
	1730	,,	1007·2	1003·2	...	86·4	78·0	74·2	28·9	68	...	2·1	...	...	0	1	29	0	0	0	0	0	1	23	6	0
Devgad ...	0830	117	1010·5	1006·5	...	81·8	76·5	74·0	28·8	78	...	4·5	...	4·1	0	0	25	6	8	4	3	1	0	0	3	5
	1730	,,	1007·3	1003·3	...	86·7	79·0	75·4	30·4	70	...	3·1	...	16·2	0	22	8	3	0	0	0	0	2	4	21	0
Vengurla ..	0530	29	1009·1	1008·1	...	78·1	75·0	73·4	28·3	86	...	1·7	...	...	0	0	6	0	1	1	1	0	2	1	0	24
	0830	,,	1011·2	1010·2	...	84·0	76·7	73·3	28·1	71	...	2·4	...	...	0	0	16	7	3	2	1	0	1	0	2	14
	1130	,,	1011·0	1010·0	...	89·0	78·1	72·8	27·9	60	...	1·6	...	...	0	1	25	1	1	0	0	0	6	9	9	4
	1730	,,	1007·6	1006·6	...	87·0	77·9	73·7	28·5	65	...	2·2	...	...	0	1	23	1	1	0	1	1	2	10	8	6
	2330	,,	1010·1	1004·1	...	81·3	75·7	72·9	27·8	77	...	1·3	...	...	0	0	10	2	0	0	0	1	2	1	4	20
Marmagao ...	0830	202	1010·9	1003·9	+0·6	83·0	76·9	74·2	28·8	74	− 1	3·9	+0·5	5·1	0	0	30	5	7	5	0	2	3	4	4	0
	1730	,,	1007·4	1000·5	...	85·2	77·7	74·4	29·0	70	...	3·1	...	7·7	0	0	30	0	0	0	0	1	2	15	12	0
Honavar ...	0830	85	1011·0	1008·1	...	82·3	77·0	74·7	29·3	77	...	4·0	...	1·9	0	0	24	0	5	16	1	0	0	1	1	6
	1730	,,	1007·4	1004·5	...	87·7	79·5	76·0	31·0	68	...	3·9	...	4·6	0	0	30	0	0	1	0	0	3	20	6	0
Deccan (Desh)																										
Jalgaon ...	0830	660	1009·0	986·6	...	85·0	68·6	57·0	16·4	41	...	1·3	...	9·8	0	9	21	0	0	0	2	1	6	13	8	0
	1730	,,	1003·4	981·9	...	106·1	72·8	48·1	12·4	17	...	2·4	...	8·8	0	5	25	0	0	2	2	1	5	6	14	0
Malegaon ...	0830	1432	1009·5	961·8	+0·6	88·1	65·0	44·6	10·7	23	−15	1·0	−0·1	3·1	0	0	20	0	1	0	0	0	1	3	15	10
	1730	,,	1003·5	957·1	...	100·0	67·3	37·2	8·1	12	...	2·1	...	2·1	0	0	20	1	2	0	0	0	1	3	14	10
Deolali ...	0830	1875	900·3	947·7	...	80·7	66·3	58·0	16·2	45	...	2·3	...	4·7	0	0	25	3	0	1	2	1	11	3	4	5
Ahmednagar ...	0830	2154	900·7	937·9	+0·2	83·8	63·6	48·3	12·0	30	− 1	2·2	+1·0	6·3	0	0	29	3	1	0	3	0	2	0	20	1
	1730	,,	897·5	933·5	...	98·4	66·7	42·1	9·5	15	...	3·8	...	3·7	0	0	27	1	8	0	3	0	2	0	13	3
Poona ...	0530	1834	897·1	946·7	...	72·2	63·3	57·5	16·2	61	...	1·3	...	0 1	0	0	2	0	0	0	0	0	0	2	0	28
	0830	,,	899·8	948·7	+·04	79·6	66·0	57·0	16·3	47	− 3	1·4	0	0·5	0	0	5	0	0	0	0	1	1	1	2	25
	1130	,,	900·7	946·3	...	94·3	66·8	47·1	11·2	21	...	1·5	...	2·2	0	0	23	1	1	8	1	0	0	8	4	7
	1730	,,	897·0	944·2	...	96·2	69·3	51·8	13·5	23	...	2·5	...	3·8	0	0	28	1	1	0	0	0	1	11	14	2
	2330	,,	898·6	947·5	...	80·0	65·9 (b)	57·0 (b)	16·0	46 (b)	...	0·7	...	1·1	0	0	9	0	0	0	0	0	3	6	0	21
Poona (Lohagaon Aerodrome) ...	0530	1937	897·4	943·1	...	72 6	61·9	54·1	14·6	54	...	2·1	...	2·1	0	0	22	1	0	0	0	0	1	17	3	8
	0830	,,	899·9	945· 1	...	79·9	62·9	53·3	12·7	42	...	2·0	...	3·2	0	0	26	1	1	1	0	0	1	17	5	4
	1130	,,	900·8	944·8	...	94·2	66·1	44·9	10 5	19	...	1·8	...	5·6	0	1	26	2	1	5	3	1	1	8	6	3
	1730	,,	897·1	940·7	...	96·1	67·3	46·3	11·1	20	...	2·9	...	12·1	0	13	16	1	2	0	0	1	0	12	13	1
	2330	,,	898·8	943·9	...	79·7	64·8	54·8	14·9	43	...	1·2	...	3·9	0	0	25	0	0	1	0	0	0	21	3	5
Jeur ...	0830	1709	899·3	952·4	...	83·7	67·7	57·5	15·7	43	...	2·3	...	7·7	0	3	26	3	5	2	0	1	0	6	12	1
	1730	,,	896·0	947·2	...	99·8	72·9	57·5	16·6	26	...	4·3	...	8·5	0	5	24	4	6	3	3	2	1	4	6	1
Sholapur ...	0530	1570	1007·8	954·9	...	79·8	64·1	53·2	14·1	41	...	2·1	...	1·1	0	0	12	5	3	1	1	0	2	0	0	18
	0830	,,	1009·3	957·0	+0·5	85·6	68·2	57·6	16·5	39	+ 1	2·0	+0·4	2·0	0	0	24	3	10	2	2	0	3	1	3	6
	1130	,,	1008·0	956·6	...	96·4	69·9	53·0	14·2	24	...	1·5	...	3·3	0	0	23	11	6	1	3	1	1	0	0	7
	1730	,,	1002·9	952·1	...	100·3	69·7	48·7	12·4	19	...	4·4	...	3·7	0	1	27	11	3	1	6	0	2	1	4	2
	2330	,,	1007·4	955·4	...	87·3	66·6	52·5	13·9	33	...	3·1	...	2·3	0	0	17	6	6	1	0	0	2	2	0	1	13
Miraj ...	0830	1817	899·7	949·4	+0·5	78·5	68·6	63·7	19·9	63	+ 1	1·4	−0·4	4·5	0	0	24	2	1	1	1	1	3	8	7	6
	1730	,,	896·9	944·6	...	96·0	70·6	54·5	15·2	27	...	4·4	...	5·7	0	0	25	3	1	2	1	3	3	8	4	5
Kolhapur ...	0530	1870	897·3	945·4	...	73·0	66·8	62·8	20·0	73	...	1·9	...	3·6	0	0	24	0	1	1	0	2	0	19	1	6
	0830	,,	899·6	947·3	...	78·0	68·4	62·3	19·8	62	...	1·7	...	4·3	0	1	23	0	2	2	1	0	1	15	3	6
	1130	,,	900·4	946·9	...	91·6	68·8	53·5	14·7	30	...	1·2	...	6·7	0	3	19	4	7	3	0	1	0	4	3	8
	1730	,,	896·8	943·1	...	91·2	71·5	60·0	18·4	38	...	3·1	...	16·8	0	24	6	0	1	1	1	1	3	21	2	0
Bijapur ...	0830	1950	900·1	944·5	+0·4	83·6	69·1	60·4	18·4	47	− 4	2·5	+0·9	4·2	0	0	30	9	4	1	1	1	3	4	7	0
	1730	,,	896·6	939·5	...	99·0	71·5	55·0	15·1	25	...	5·2	...	3·6	0	0	28	3	6	7	4	1	1	4	2	2
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	900·7	939·0	+0·3	80·0	72·2	68·3	23·8	68	− 2	2·3	+0·5	2·9	0	0	17	0	0	2	2	1	6	5	1	13
	1730	,,	897·0	934·1	...	94·3	73·7	63·5	20·0	39	...	5·6	...	3·7	0	0	20	1	4	4	1	1	1	5	3	10
Gadag (P.B.O.) ...	0530	2150	898·4	936·3	...	74·9	68·8	65·9	12·6	75	...	2·8	...	...	0	1	23	0	1	0	0	1	10	13	0	6
	0830	,,	900·6	938·2	...	80·1	69·8	65·0	20·7	61	...	2·0	...	...	0	0	21	0	1	0	0	0	8	11	1	9
	1130	,,	901·1	937·9	...	90·6	71·0	61·5	18·0	39	...	0·9	...	...	0	0	19	3	0	2	0	0	6	7	1	11
	1730	,,	897·0	933·4	...	93·8	69·0	55·5	14·1	31	...	5·2	...	...	0	4	13	0	1	5	0	1	1	7	2	13
	2330	,,	899·6	937·2	...	80·0	70·6	66·2	21·7	64	...	3·2	...	...	0	2	26	1	1	0	0	0	8	17	1	2
Hyderabad, North																										
Aurangabad ...	0830	1905	900·1	946·2	+0·2	82·6	64·3	51·3	13·1	35	+ 4	2·7	+1·3	6·5	0	4	23	7	5	1	0	0	3	10	1	3
	1730	,,	897·4	941·8	...	100·5	69·6	48·9	12·1	18	...	5·2	...	8·8	0	3	27	6	2	3	1	0	2	9	7	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	897·6	944·3	...	75·8	58·7	43·7	10·0	33	...	1·6	...	5·7	0	1	22	3	0	0	0	0	0	11	9	7
	0830	,,	900·2	946·2	...	86·5	64·1	47·3	11·4	27	...	1·4	...	8·7	0	7	20	6	0	2	1	1	1	8	8	3
	1130	,,	900·9	946·0	...	95·9	66·5	44·4	10·2	18	...	1·2	...	9·5	0	7	21	5	5	3	3	0	3	2	7	2
	1730	,,	897·0	941·8	...	99·1	67·4	43·7	10·1	16	...	3·3	...	7·8	0	3	26	7	5	1	0	0	1	5	10	1
	2330	,,	898·7	944·7	...	84·2	61·9	43·4	9·8	25	...	1·4	...	7·0	0	2	23	3	2	1	0	1	0	10	8	5
Parbhani ...	0830	1393	1009·4	962·9	...	87 2	66·6	51·7	13·0	31	...	1·6	...	...	0	4	26	0	2	1	2	0	3	21	1	0
	1730	,,	1002·6	957·6	...	101·5	71·3	49·6	12·1	19	...	3·5	...	...	0	2	25	1	2	3	4	1	0	14	2	3
Ramagundam ...	0830	527	1009·5	992·3	...	86·9	74·2	67·3	23·1	54	...	3·9	...	4·2	0	0	27	7	5	0	2	7	1	0	5	3
	1730	,,	1003·4	986·6	...	102·5	75·8	60·1	18·3	26	...	4·7	...	2·9	0	0	25	7	4	1	6	3	0	2	2	5

(b) Mean of 29 days. * Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
																	Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1008·6	967·0	+0·1	88·3	70·8	59·6	17·9	41	− 1	3·1	+1·2	0·9	0	0	13	0	0	0	5	0	3	0	5	17
	1730	,,	1002·4	961·7	...	98·4	71·6	53·0	14·3	24	...	3·5	...	0·7	0	0	10	0	4	0	1	0	1	0	4	20
Bidar ...	0830	2178	900·3	936·7	...	82·7	66·8	56·0	16·0	43	− 2	2·8	+1·0	8·9	0	5	24	3	1	2	1	6	6	2	8	1
	1730	,,	897·1	932·5	...	94·6	67·5	48·3	12·0	23	...	6·7	...	10·0	0	8	22	5	6	9	4	0	0	2	4	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1009·2	959·0	+0·7	85·9	67·1	54·6	15·0	36	− 9	3·0	+1·6	4·9	0	0	25	5	3	3	3	2	3	2	4	5
	1730	,,	1002·4	953·7	...	99·3	70·5	51·7	13·6	22	...	5·8	...	5·5	0	1	29	5	4	4	7	4	2	2	2	0
Raichur ...	0830	1311	1009·4	965·5	+0·7	86·1	73·5	66·6	22·5	53	+ 2	1·8	+0·1	6·5	0	0	30	3	2	0	8	5	3	4	6	0
	1730	,,	1003·0	960·4	...	99·5	74·3	59·4	17·5	27	...	3·7	...	5·0	0	0	30	3	8	7	8	0	0	1	3	0
Hyderabad (Nizamiah) ...	0830	1778	899·7	950·2	+1·0	84·0	70·7	63·5	20·2	52	− 2	2·5	+0·4	6·1	0	0	25	2	1	5	10	2	2	2	1	5
	1730	,,	896·7	945·9	...	95·4	72·5	59·6	17·9	32	...	4·6	...	7·5	0	3	22	1	6	4	11	1	1	1	0	5
Hyderabad (Begumpet) ...	0530	1787	897·4	948·0	...	77·9	68·7	63·6	20·2	63	...	2·4	...	7·6	0	0	30	2	2	9	10	2	1	1	3	0
	0830	,,	900·0	950·2	...	83·5	70·7	63·6	20·5	53	...	2·2	...	8·2	0	6	21	1	2	1	11	4	1	3	4	3
	1130	,,	900·2	949·5	...	97·3	71·2	57·4	15·5	33	...	1·4	...	10·7	0	8	21	3	3	1	11	5	0	4	2	1
	1730	,,	896·6	945·6	...	94·8	70·5	55·9	15·7	29	...	4·7	...	10·0	0	4	25	2	4	9	8	4	0	0	2	1
	2330	,,	898·4	948·5	...	84·0	70·2	62·8	19·6	50	...	2·6	...	10·8	0	10	18	0	1	6	15	6	0	0	0	3
Hanamkonda ...	0830	881	1009·5	979·6	+0·1	84·1	74·8	70·0	25·3	64	+ 6	2·2	−0·4	5·9	0	2	28	0	1	1	14	12	1	0	1	0
	1730	,,	1003·6	974·8	...	99·3	72·5	55·3	15·2	24	...	1·9	...	4·5	0	1	27	2	1	2	12	9	0	2	2	2
Khammameth ...	0830	367	1010·6	998·0	...	83·0	77·5	74·8	29·7	77	...	3·4	...	6·9	0	0	30	0	0	3	23	4	2	0	0	0
	1730	,,	1004·7	992·4	...	100·9	76·9	63·5	20·7	31	...	2·4	...	5·5	0	1	26	0	1	1	15	3	3	0	2	3
Coastal Andhradesa																										
Nellore ...	0530	65	1008·4	1006·1	...	79·3	75·8	74·3	28·9	85	...	2·5	...	3·7	0	0	25	0	0	0	11	12	1	0	1	5
	0830	,,	1010·3	1008·1	+0·8	86·8	77·7	73·.	28·2	65	− 6	3·3	+0·3	4·5	0	0	30	0	0	0	10	20	0	0	0	0
	1130	,,	1009·2	1007·0	...	96·4	78·4	69·0	25·0	42	...	2·4	...	5·3	0	0	30	0	0	0	1	17	7	3	1	0
	1730	,,	1006·2	1004·1	...	99·6	78·7	73·8	28·4	60	...	2·8	...	7·6	0	0	30	0	0	0	13	18	1	0	0	0
	2330	,,	1009·4	1007·1	...	82·6	77·9	75·5	30·4	80	...	1·8	...	4·6	0	0	25	0	0	0	0	10	14	1	0	5
Ongole ...	0830	38	1010·4	1009·1	...	86·0	81·2	79·2	34·2	80	...	2·5	...	4·3	0	1	25	0	0	1	12	11	1	1	0	4
	1730	,,	1006·0	1004·7	...	87·7	83·1	81·3	36·6	82	...	1·5	...	9·3	0	9	20	0	0	7	20	2	0	0	0	1
Gannavaram ...	0530	88	1008·8	1005·8	...	79·0	76·0	74·6	29·3	87	...	1·7	...	4·1	0	0	26	0	1	11	6	6	0	1	1	4
	0830	,,	1010·9	1007·9	...	86·0	78·2	74·7	29·4	69	...	3·4	...	10·1	0	6	24	0	0	1	10	10	8	1	0	0
	1130	,,	1010·0	1007·1	...	95·0	77·8	69·7	24·7	44	...	2·7	...	9·6	0	5	25	0	0	0	9	14	7	0	0	0
	1730	,,	1006·1	1003·1	...	93·4	76·8	68·6	23·9	45	...	2·2	...	15·3	0	22	8	0	0	0	14	16	0	0	0	0
	2330	,,	1009·6	1006·6	...	82·0	76·6	74·0	28·8	77	...	1·7	...	6·2	0	0	28	0	0	2	14	12	0	0	0	2
Masulipatam ...	0530	10	1008·8	1008·5	...	80·1	77·3	76·1	30·7	88	...	2·1	...	3·5	0	0	21	0	0	1	0	18	2	0	0	9
	0830	,,	1010·8	1010·5	+0·5	86·4	78·9	75·7	30·3	70	− 6	4·4	+1·0	6·9	0	2	27	0	0	0	5	21	3	0	0	1
	1130	,,	1010·3	1010·0	...	91·3	79·7	74·5	29·3	58	...	3·2	...	9·5	0	7	23	0	0	0	5	24	1	0	0	0
	1730	,,	1006·8	1006·5	...	86·6	79·0	75·8	29·4	71	...	2·0	...	9·6	0	4	26	0	0	0	20	10	0	0	0	0
	2330	,,	1009·6	1009·3	...	82·5	78·8	77·2	31·9	84	...	1·8	...	7·3	0	3	24	0	0	0	1	25	1	0	0	3
Kakinada ...	0830	26	1011·1	1010·2	+0·9	87·5	79·6	76·2	30·9	69	− 4	3·6	−0·5	6·0	0	0	30	0	0	0	1	0	28	0	1	0
	1730	,,	1006·7	1005·8	...	89·6	79·6	75·2	30·0	63	...	1·7	...	6·1	0	0	30	0	0	0	20	0	10	0	0	0
Visakhapatnam ...	0530	11	1008·7	1008·3	...	79·1	77·8	77·3	31·9	94	...	3·3	...	2·7	0	1	13	0	1	1	0	0	6	4	2	16
	0830	,,	1010·7	1010·3	+0·9	86·0	80·6	78·4	33·3	78	+ 6	3·1	−0·4	9·4	0	7	23	0	0	0	0	1	20	8	1	0
	1130	,,	1009·9	1009·5	...	93·1	84·1	79·9	35·5	67	...	2·0	...	12·5	0	15	15	0	0	0	1	9	19	1	0	0
	1730	,,	1007·0	1006·5	...	86·5	82·5	80·8	36·1	84	...	4·3	...	12·4	0	15	15	0	0	0	1	9	19	0	1	0
	2330	,,	1009·5	1010·2	...	81·5	79·3	78·2	33·2	91	...	2·5	...	4·5	0	0	22	0	1	1	2	1	13	2	2	8
Calingapatam ...	0830	19	1009·9	1009·2	+0·3	80·5	76·8	75·1	29·8	83	+11	4·0	+1·4	5·7	0	0	30	0	0	0	0	12	13	2	3	0
	1730	,,	1006·6	1005·9	...	85·8	80·3	77·9	32·9	77	...	5·2	...	12·1	0	6	24	0	0	0	0	13	15	0	0	0
Rentachintala ...	0830	348	1009·7	997·7	...	84·5	77·7	74·3	29·3	72	+15	3·2	−1·2	2·5	0	0	19	1	0	2	2	13	1	1	0	11
	1730	,,	1004·6	993·1	...	100·3	76·7	62·8	20·6	31	...	3·5	...	4·0	0	2	22	1	0	7	5	11	0	0	0	6
Rayalaseema																										
Arogyavaram ...	0830	2299	901·3	933·8	...	78·0	71·9	68·7	24·3	72	...	3·6	...	3·1	0	0	28	2	0	0	4	21	0	0	1	2
	1730	,,	897·8	929·3	...	91·8	69·6	56·3	15·7	32	...	4·2	...	4·0	0	0	29	3	8	10	5	3	0	0	0	1
Cuddapah ...	0830	428	1003·9	995·5	+0·7	91·7	72·3	60·7	18 2	36	−19	1·0	−1·2	0·9	0	0	12	0	0	0	5	4	0	3	0	18
	1730	,,	1003·9	989·7	...	01·6	76·8	63·3	20·2	30	...	1·7	...	2·7	0	0	22	0	1	20	0	1	0	0	0	8
Bellary ...	0830	1473	1009·2	959·9	+0·4	84·7	76·5	73·1	27·5	69	+19	2·9	+0·8	2·6	0	0	23	0	0	1	5	2	2	1	12	7
	1730	,,	1002·1	954·4	...	98·7	81·0	72·2	28·0	46	...	3·8	...	2·7	0	0	21	0	4	0	8	1	3	1	4	9
Kurnool ...	0830	923	1009·6	978·5	+0·7	86·0	73·6	67·1	22·6	54	+ 3	1·9	0	5·0	0	1	20	0	0	3	6	5	2	4	1	9
	1730	,,	1003·2	973·0	...	99·7	73·9	58·1	16·9	27	...	4·0	...	3·1	0	2	13	0	2	3	5	3	0	1	1	15
Anantapur ...	0530	1147	1007·5	968·7	...	80·7	70·3	64·2	20·6	57	...	1·3	...	4·2	0	2	17	1	2	3	3	0	5	5	0	11
	0830	,,	1009·1	970·6	...	85·7	73·4	66·6	22·5	54	...	1·8	...	5·4	0	0	26	0	3	2	3	2	4	12	0	4
	1130	,,	1008·0	970·1	...	94·6	73·7	61·7	18·9	34	...	1·1	...	4·5	0	0	25	0	3	6	5	0	4	6	1	5
	1730	,,	1002·5	965·2	...	100·4	72·6	54·0	14·8	23	...	2·8	...	6·8	0	2	27	2	7	9	7	0	1	0	3	1
	2330	,,	1006·9	968·7	...	89·2	71·4	59·9	18·2	38	...	2·6	...	7·8	0	4	21	0	0	17	2	2	1	3	0	5
Tamilnad																										
Palayamcottai ...	0830	167	1010·8	1005·1	...	85·7	77·5	73·7	28·5	68	...	4·4	...	2·5	0	0	30	14	1	0	0	1	1	8	5	0
	1730	,,	1006·5	1000·9	...	89·5	78·5	73·5	28·2	60	...	4·6	...	7·0	0	1	29	3	1	3	9	10	0	4	0	0
Pamban ...	0830	37	1011·0	1009·7	+1·1	85·9	79·9	77·4	32·2	76	0	4·3	+1·5	7·7	0	2	28	0	3	5	11	5	5	1	0	0
	1730	,,	1007·1	1005·8	.	86·5	80·3	77·8	32·5	75	...	4·7	...	7·4	0	2	28	0	4	1	3	16	6	0	0	0
Mathurai ...	0830	437	1010·7	995·9	+0·7	86·3	78·0	74·1	28·9	67	− 1	5·2	+1·1	1·4	0	0	17	3	7	3	2	2	0	1	0	13
	1730	,,	1005·7	991·1	...	94·0	76·8	68·4	23·6	45	...	5·4	...	4·2	0	1	25	1	2	5	9	5	3	1	0	4

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		mean wind speed (m.p.h.)	Wind speed, (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1011·2	1010·1	+1·0	85·9	79·0	76·0	30·8	73	0	5·5	+1·7	5·4	0	0	27	0	0	6	9	4	6	1	1	3
	1730	,,	1007·1	1005·1	...	86·2	79·7	77·1	31·7	74	...	4·3	...	8·7	0	0	30	0	0	11	18	1	0	0	0	0
Tiruchirapalli ...	0530	295	1009·6	999·4	...	80·4	76 7	75·0	29·7	84	..	3·8	...	1·4	0	0	11	0	1	3	3	3	1	0	0	19
	0830	,,	1011·2	1001·1	+0·6	85·3	77·9	74·5	29·3	70	− 3	4·1	+1·1	3·6	0	0	23	0	4	3	2	7	3	3	1	7
	1130	,,	1010·2	1000·3	...	93·0	78·1	71·1	26·1	49	...	4·7	...	4·9	0	0	25	1	1	8	2	6	5	1	1	5
	1730	,,	1005·9	996·0	...	95·8	78·0	69·4	24·7	44	...	4·5	...	7·7	0	3	27	0	0	15	8	7	0	0	0	0
	2330	,,	1010·3	1000·1	...	84·4	77·2	74·0	28·6	71	...	3·1	...	5·9	0	1	24	0	0	11	8	6	0	0	0	5
Coimbatore ...	0330	1341	1010·9	965·6	+0·9	80·7	74·5	71·3	26·6	73	− 4	3·1	0	3·6	0	0	30	2	5	2	3	9	8	1	0	0
	1730	,,	1005·0	960·8	...	92·0	75·2	66·0	23·0	45	...	4·6	...	8·2	0	2	28	0	1	4	6	10	8	1	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1008·9	964·4	...	75·7	73·4	72·0	27·1	89	...	2·7	...	4·4	0	0	28	4	2	2	0	7	12	0	1	2
	0830	,,	1010·6	966·5	...	81·3	74·8	71·6	26·5	72	...	3·0	...	2·9	0	0	23	0	9	3	2	4	4	1	0	7
	1130	,,	1009·1	965·7	...	89·5	75·7	68·7	24·1	51	...	3·3	...	6·8	0	0	28	1	5	6	1	9	3	2	1	2
	1730	,,	1004·4	961·4	...	92·4	74·9	66 0	21·6	43	...	4·0	...	9·2	0	1	29	0	1	7	1	7	10	3	1	0
	2330	,,	1009·2	965·0	...	79·4	74·9	72·7	27·6	80	...	2·4	...	7·3	0	1	25	0	0	0	1	5	20	0	0	4
Salem ...	0530	913	1009·0	977·9	...	79·2	74·0	71·6	26·3	77	...	3·2	...	1·9	0	0	19	2	3	6	2	2	1	2	1	11
	0830	,,	1010·5	979·7	+0·6	83·5	75·3	71·4	26·2	67	− 4	3·3	+0·6	3·7	0	0	28	0	8	8	1	1	8	2	0	2
	1130	,,	1009·4	979·0	...	92·1	76·2	68·5	23·6	46	...	3·8	...	5·0	0	0	29	2	3	1	2	10	3	5	3	1
	1730	,,	1004·3	974·1	...	94·0	75·1	64·9	21·1	40	...	4·5	...	2·7	0	0	25	2	2	12	1	1	3	3	1	5
	2330	,,	1009·1	978·2	...	84·7	75·3	70·5	25·7	63	...	2·9	...	7·1	0	2	25	0	7	9	7	2	2	0	0	3
Kallakurichi ...	0830	416	1010·7	996·5	...	83·9	76·4	73·0	27·7	71	...	3·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1004·9	991·5	...	96·2	75·8	64 7	21·2	38	...	3·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1008·9	1007·6	...	79·6	76·8	75·7	30·2	88	...	3·0	...	1·5	0	0	14	0	0	5	7	2	0	0	0	16
	0830	,,	1011·1	1009·8	+0·9	86·2	79·2	76·3	30·9	73	− 2	4·6	+1·2	7·5	0	0	27	0	1	2	15	5	3	1	0	3
	1130	,,	1010·3	1008·9	...	90·2	80·6	76·3	31·2	65	...	2·7	...	5·4	0	0	28	0	1	16	9	2	0	0	0	2
	1730	,,	1006·7	1005·4	...	86·6	80·0	77·3	32·0	74	...	3·0	...	5·9	0	1	29	0	1	4	24	1	0	0	0	0
	2330	,,	1009·8	1008·5	...	83·2	78·7	76·6	31·5	80	...	1·7	...	5·0	0	0	23	0	1	8	12	2	0	0	0	7
Vellore ...	0530	703	1009·0	984·9	...	79·4	74·7	72·5	27·2	79	...	2·7	...	3·2	0	0	23	0	0	2	2	15	4	0	0	7
	0830	,,	1010·3	986·5	+0·7	84·9	76·1	72·0	26·8	65	− 5	3·3	+1·1	1·3	0	0	13	0	0	0	1	9	3	0	0	17
	1130	,,	1009·1	986·6	...	94·1	76·3	67·2	22·9	42	...	3·1	...	5·0	0	0	30	2	3	3	6	7	4	1	4	0
	1730	,,	1004·6	981·4	...	96·9	74·2	60·8	18·5	32	...	2·9	...	6·1	0	0	30	0	0	3	16	10	1	0	0	0
	2330	,,	1009·6	985·8	...	83·5	75·5	71·7	26·5	68	..	2·1	...	7·6	0	3	27	0	0	1	3	25	1	0	0	0
Madras ...	0530	51	1009·1	1007·4	...	80·7	77·6	76·4	30·9	86	...	3·9	...	4·3	0	0	36	0	0	0	0	9	14	2	1	4
	0830	,,	1011·0	1009·3	+1·1	85·9	78·4	75·2	29·9	70	− 1	4·7	+1·3	7·8	0	0	27	0	0	1	0	13	11	2	0	3
	1130	,,	1010·0	1008·3	...	93·3	79·4	73·2	28·0	53	...	4·0	...	10·6	0	5	25	0	0	2	13	13	3	0	0	0
	1730	,,	1006·7	1004·9	...	87·5	79·4	76·1	30·5	68	...	2·9	...	13·9	0	16	14	0	0	2	25	3	0	0	0	0
	2330	,,	1009·9	1008·2	...	82·9	73·6	76·9	31·5	82	...	2·1	...	8·8	0	4	26	0	0	0	21	8	1	0	0	0
Madras ... (Nungambakkam)	0830	21	1010·3	1009·6	...	86·9	78·5	75·1	29·5	67	...	4·7	...	5·9	0	0	30	0	0	1	6	10	12	0	1	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1009·1	1006·5	...	79·6	75·2	73·3	27·8	82	...	4·7	...	3·7	0	0	25	2	6	16	1	0	0	0	0	5
	0830	,,	1010·9	1008·4	+0·4	83·3	76·9	73·9	28·7	73	+ 2	4·6	+1·1	3·9	0	0	27	6	4	17	0	0	0	0	0	3
	1130	,,	1010·7	1008·2	...	88·1	78·8	74·5	29·4	65	...	2·8	...	5·2	0	0	30	2	1	0	1	0	5	11	10	0
	1730	,,	1007·2	1004·8	...	86·8	78·7	75·2	29·8	68	...	4·1	...	8·3	0	1	29	2	0	1	0	0	2	12	13	0
	2330	,,	1010·3	1007·8	...	83·9	76·8	73·9	28·5	74	...	3·9	...	4·3	0	0	24	5	8	1	1	1	0	2	6	6
Kozhikode ...	0530	27	1008·5	1007·6	...	80·7	77·3	75·7	30·3	85	...	3·5	...	3·9	0	1	26	4	15	6	0	1	0	0	1	3
	0830	,,	1010·9	1010·0	+0·6	85·6	79·0	76·2	30·9	73	− 4	3·2	−0·7	4·2	0	0	28	4	7	8	2	1	0	4	2	2
	1130	,,	1010·8	1009·9	...	93·4	81·7	77·1	32·1	62	...	3·7	...	7·1	0	0	30	0	0	0	0	0	11	17	2	0
	1730	,,	1007·5	1006·7	...	89·2	81·8	78·9	33·7	72	...	4·6	...	12·2	0	14	16	0	0	0	0	0	2	19	9	0
	2330	,,	1010·1	1009·1	...	83·8	78·9	76·7	31·6	79	...	4·5	...	7·6	0	1	27	1	2	1	0	0	2	7	15	2
Palghat ...	0830	319	1011·0	1000·1	...	84·0	78·3	75·5	30·5	76	...	3·4	...	4·1	0	0	27	0	0	6	0	0	1	19	1	3
	1730	,,	1006·1	995·4	...	91·5	80·6	76·1	30·7	64	...	4·9	...	8·7	0	3	27	0	0	4	2	0	0	20	4	0
Mysore																										
Chitaldrug ...	0830	2405	901·1	930·0	+0·4	77·7	71·4	67·9	23·7	73	+11	2·2	−0·2	3·3	0	0	28	0	0	1	1	0	7	19	0	2
	1730	,,	897·5	925·4	...	94·5	72·8	61·7	18·7	35	...	4·4	...	3·6	0	0	30	3	2	11	0	2	3	6	3	0
Shimoga ...	0830	1872	899·9	947·6	...	77·7	71·8	69·0	24·2	75	...	2·8	...	1·9	0	0	21	0	1	1	0	7	8	3	1	9
	1730	,,	896·4	942·9	...	88·7	73·0	65·0	21·4	49	...	5·8	...	6·1	0	1	28	4	1	2	1	2	7	6	6	1
Hassan ...	0830	3149	902·4	906·8	...	73·2	69·2	67·4	22·8	81	+10	2·6	−0·1	3·5	0	0	25	2	0	2	2	0	2	14	3	5
	1730	,,	898·6	903·0	...	85·4	68·9	59·2	17·5	44	...	5·1	...	7·4	0	2	27	1	2	8	1	1	1	15	0	1
Bangalore (Central Observatory) ...	0830	3021	902·4	910·8	+0·7	76·8	69·4	65·4	21·1	68	− 1	3·1	+0·5	4·5	0	0	21	0	0	0	4	1	10	5	1	9
	1130	,,	902·1	910·4	...	87·3	70·5	61·2	17·9	42	...	2·5	...	6·4	0	0	26	0	0	3	5	0	11	6	1	4
	1730	,,	898·1	906·4	...	88·9	67·8	54·7	13·7	33	...	4·9	...	6·0	0	1	28	0	2	15	6	1	2	2	1	1
Bangalore ... (Aerodrome)	0530	2942	900·3	911·4	...	72·8	68·9	66·8	22·5	82	...	2·6	...	...	...	...	...	0	0	2	9	2	6	2	0	9
	0830	,,	902·3	913·3	...	77·4	70·4	66·9	22·6	70	...	3·4	...	...	...	...	...	0	0	0	7	6	6	8	0	3
	1130	,,	901·9	912·7	...	86·1	70·9	63·0	19·7	48	...	3·6	...	...	...	...	...	1	0	4	7	4	5	4	3	2
	1730	,,	898·1	908·8	...	90·0	68·5	55·1	15·1	32	...	4·7	...	...	...	...	...	2	2	9	12	1	0	1	2	1
	2330	,,	901·3	912·2	...	78·8	68·6	63·0	19·7	59	...	3·4	...	...	...	...	...	0	0	4	13	2	6	1	0	4

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	901·6	926·7	+0·2	76·8	71·0	68·1	23·5	75	+ 3	3·1	−0·3	3·7	0	0	22	2	0	2	2	5	1	9	1	8
	1730	,,	898·2	922·5	...	90·3	69·1	55·9	15·7	32	...	4·8	...	7·1	0	0	29	6	1	12	3	2	2	3	0	1
Balehonnur ...	0830		...	...	...	71·7	69·4	68·1	23·6	89	+ 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1011·0	1010·7	+0·5	85·1	78·8	76·2	30·7	75	0	5·7	+1·9	3·4	0	0	30	1	16	10	2	0	1	0	0	0
	1730	,,	1007·0	1006·7	...	86·2	79·3	76·1	30·9	72	...	5·6	...	9·8	0	9	21	0	0	0	0	1	5	14	10	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1009·1	1008·9	...	79·1	76·5	75·3	30·0	88	...	4·8	...	1·8	0	0	17	0	4	9	3	0	0	1	0	13
	0830	,,	1010·9	1010·7	...	84·1	78·1	75·2	30·1	75	...	4·1	...	3·6	0	0	28	2	10	12	4	0	0	0	0	2
	1130	,,	1010·5	1010·3	...	88·4	79·1	75·0	29·7	65	...	4·1	...	6·1	0	0	30	3	0	0	0	1	3	12	11	0
	1730	,,	1007·2	1007·0	...	86·4	78·4	74·9	29·5	69	...	5·1	...	8·9	0	3	26	1	0	0	2	0	2	18	6	1
	2330	,,	1010·5	1010·3	...	81·7	77·3	75·1	30·0	81	...	5·6	...	4·4	0	1	24	3	3	5	3	2	0	4	5	5
Alleppey ...	0830	12	1010·8	1010·4	...	86·8	80·8	78·4	33·0	77	...	4·8	...	3·6	0	0	29	0	11	13	3	0	0	0	2	1
	1730	,,	1007·4	1007·0	...	86·9	80·5	77·5	32·5	74	...	5·8	...	13·1	0	13	17	0	2	1	1	0	3	13	10	0
Trivandrum ...	0530	211	1008·9	1001·7	...	77·9	75·7	74·8	29·3	90	...	2·3	...	2·7	0	0	25	13	7	1	0	0	0	4	5	
	0830	,,	1010·9	1003·6	+0·6	81·9	77·4	75·3	29·9	81	+ 2	3·5	−0·4	2·7	0	0	27	10	6	1	1	0	0	0	9	3
	1130	,,	1010·4	1003·3	...	89·0	78·9	74·5	29·1	63	...	4·8	...	3·8	0	0	28	3	2	0	0	1	7	6	9	2
	1730	,,	1007·6	1000·4	...	84·7	77·9	75·0	29·5	73	...	5·7	...	5·5	0	0	29	1	2	0	0	1	7	7	11	1
	2330	,,	1010·6	1003·3	...	80·0	77·0	75·7	30·5	87	...	3·6	...	2·3	0	0	26	6	9	3	1	0	0	1	6	4
Nagercoil ...	0530	195	1008·7	1002·0	...	78·7	75·6	74·0	28·9	86	...	3·8	...	3·4	0	0	24	1	3	1	0	0	0	10	9	6
	0830	,,	1010·6	1004·0	...	84·6	77·5	74·0	29·0	71	...	4·6	...	4·2	0	0	28	1	4	4	0	0	1	8	10	2
	1130	,,	1010·3	1003·7	...	90·9	78·4	72·8	27·5	56	...	5·6	...	8·3	0	1	29	0	1	5	1	0	4	15	4	0
	1730	,,	1007·3	1000·7	...	85·5	78·0	74·7	28·3	70	...	6·4	...	7·9	0	1	28	0	0	5	0	0	3	19	2	1
	2330	,,	1010·2	1003·6	...	81·3	77·1	75·3	29·9	82	...	4·1	...	5·2	0	0	27	0	2	3	0	0	1	8	13	3
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	900·5	891·1	...	71·1	63·1	57·4	16·5	65	...	4·1	...	4·4	0	0	27	0	2	9	2	1	8	5	0	3
	1730	,,	897·6	887·9	...	73·1	64·1	58·3	16·8	61	...	5·0	...	4·3	0	0	30	0	1	0	2	1	11	12	3	0
Shillong ...	0830	4921	901·0	850·5	+1·2	68·3	58·5	50·2	12·6	57	+ 3	3·2	0	1·6	0	0	13	0	0	0	1	1	10	1	0	17
	1730	,,	898·3	848·1	...	65·8	59·2	54·0	14·6	69	...	5·4	...	1·1	0	0	8	0	0	0	0	1	7	0	0	22
Cherrapunji ...	0830	4309	901·9	870·6	+1·2	66·5	61·0	57·0	16·1	75	+ 1	4·6	−0·2	2·3	0	0	30	0	5	8	0	0	15	1	1	0
	1730	,,	898·9	867·2	...	67·2	62·2	59·1	17·0	77	...	3·9	...	2·1	0	0	29	1	3	1	0	2	17	4	1	1
Darjiling ...	0830	7432	801·7	777·4	+1·4	57·3	53·7	50·7	12·8	82	+10	4·9	+1·0	4·7	0	0	28	1	2	10	4	0	2	9	0	2
	1730	,,	798·9	774·5	...	55·5	53·0	51·1	12·9	86	...	5·0	...	8·3	0	4	25	0	0	1	0	0	5	22	1	1
Darjiling (Raj Bhawan) ...	0830	6980	805·6	793·9	...	58·8	52·7	47·4	11·5	69	...	5·3	...	0·7	0	0	10	0	1	0	0	1	5	1	2	20
	1730	,,	802·7	791·1	...	59·2	52·9	46·8	11·2	69	...	6·7	...	2·1	0	0	24	1	1	1	0	0	15	6	0	6
Kalimpong ...	0830	3965	900·4	879·1	+0·3	64·9	59·7	55·4	15·6	74	+ 9	1·2	−1·3	3·0	0	0	18	0	0	0	0	0	0	0	18	12
	1730	,,	896·6	875·6	...	69·1	63·5	59·7	17·9	74	...	3·0	...	2·7	0	0	25	0	0	0	25	0	0	0	0	5
Katmandu ...	0830	4388	902·6	868·3	...	66·5	58·9	53·1	14·0	63	+18	3·5	+2·2	0·6	0	0	8	0	2	1	2	1	0	1	1	22
	1730	,,	898·8	865·0	...	73·0	62·0	54·0	14·5	54	...	5·3	...	1·4	0	1	4	1	0	2	1	0	0	0	1	25
Mukteswar (Kumaon) ...	0830	7592	802·4	773·6	+1·0	58·5	47·0	34·1	6·9	43	+ 6	1·5	−0·7	5·7	0	0	28	0	1	2	1	1	7	13	3	2
	1730	,,	800·3	771·8	...	64·6	50·8	37·6	7·8	40	...	2·5	...	11·7	0	9	21	1	1	1	0	0	4	21	2	0
Lokpal ...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussoorce ...	0830	6699	801·5	797·9	...	63·4	50·2	37·5	7·7	41	− 3	1·0	−1·3	1·6	0	0	19	3	4	0	4	6	2	0	0	11
	1730	,,	800·0	796·4	...	67·9	52·6	37·5	8·2	36	...	3·0	...	4·1	0	0	26	2	2	0	5	7	6	3	1	4
Simla ...	0830	7224	801·6	783·3	+1·9	63·4	47·9	29·4	4·5	32	− 1	1·3	−1·4	1·9	0	0	25	3	3	3	7	6	2	0	1	5
	1730	,,	800·5	782·1	...	65·4	49·9	34·0	5·4	34	...	3·5	...	1·9	0	0	27	3	2	1	1	9	8	0	3	3
Dalhousie ...	0830	...	...	...	...	61·5	54·9	49·4	12·4	63	...	0·8	...	2·3	0	0	8	0	8	0	0	0	0	0	0	22
	1730	...	...	...	...	66·7	58·4	51·8	14·2	62	...	1·6	...	2·8	0	0	11	1	8	0	0	0	2	0	0	19
Dharamshala ...	0830	3975	905·7	884·3	...	75·0	59·5	48·7	11·1	41	...	1·4	...	1·1	0	0	25	9	0	14	0	2	0	0	0	5
	1730	,,	903·4	882·4	...	80·2	60·2	46·2	9·7	32	...	3·0	...	2·5	0	0	29	8	0	3	0	1	0	17	0	1
Pachmarhi ...	0830	3528	902·2	894·8	+0·9	81·4	61·2	44·3	10 3	28	− 1	1·2	−0·6	4·7	0	0	29	3	4	2	1	1	5	6	7	1
	1730	,,	898·6	891·3	..	91·1	64·9	44·7	10·4	22	...	3·0	...	2·4	0	0	26	3	2	1	0	1	0	10	9	4
Abu ...	0830	3921	901·2	881·6	+0·5	77·0	56·8	36·3	7·6	25	− 3	1·1	−0·4	1·7	0	0	12	0	0	0	0	0	2	6	4	18
	1730	,,	899·8	880·5	...	84·8	60·9	39·8	8·6	21	...	1·1	...	1·5	0	0	16	0	0	0	2	4	6	3	1	14
Mahabaleshwar ...	0830	4534	902·3	864·1	+0·3	72·9	58·2	45·3	10·6	38	+ 2	1·7	0	6·7	0	2	27	8	6	7	3	0	2	1	2	1
	1730	,,	899·4	861·6	...	78·4	66·0	58·3	16·8	52	...	2·1	...	6·1	0	0	30	1	1	1	0	2	1	5	19	0
Nandi Hills ...	0830	...	...	...	...	71·4	63·6	59·2	16·9	65	...	3·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	903·3	887·8	+1·7	70·6	66·8	64·8	20·9	83	+ 6	4·0	+0·3	1·7	0	0	18	0	0	0	0	0	0	9	9	12
	1730	,,	900·4	885·5	...	78·1	69·7	65·0	21·4	67	...	4·8	...	3·3	0	0	29	0	0	0	0	0	0	15	14	1
Kodaikanal ...	0830	7688	804·2	773·0	+1·2	59·2	53·7	49·1	12·1	71	+13	4·0	+1·4	5·7	0	1	29	3	19	3	5	0	0	0	0	0
	1130	,,	804·2	773·3	...	64·2	56·9	51·8	13·2	65	...	4·3	...	7·2	0	4	26	3	18	3	6	0	0	0	0	0
Ootacamund ...	1730	,,	802·3	771·2	...	60·2	56·9	55·0	14·7	84	...	6·2	...	4·3	0	0	30	4	11	1	11	0	0	0	3	0
	0830	7378	803·5	780·7	+0·4	60·0	54·5	50·0	12·5	72	−15	2·6	−0·4	1·9	0	0	19	0	9	9	0	1	0	0	0	11
	1730	,,	801·5	779·0	...	64·0	57·6	53·3	13·9	67	...	5·2	...	1·9	0	0	18	0	7	9	1	1	0	0	0	12
Coonoor ...	0830	...	...	...	...	66·1	58·7	54·0	14·3	66	+ 3	4·0	+0·2	3·9	0	0	30	4	5	2	12	7	0	0	0	0
Sikkim																										
Lachen * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—APRIL 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	51·4	49·8	48·2	11·8	90	+8	0·4	-2·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	630·7	656·8	...	47·4	44·5	40·9	8·6	79	...	2·5	...	0·7	0	0	6	1	0	0	2	2	1	0	0	24
Gyantse ...	0830	13,110	625·6	626·3	...	44·0	34·3	20·8	3·8	34	-10	2·0	+0·1	1·2	0	0	15	1	1	1	3	4	2	1	2	15
Ceylon																										
Colombo ...	0830	24	1011·1	1010·3	+0·5	80·9	77·9	76·0	31·3	87	0	5·4	+0·5	3·3	0	0	27	0	4	4	12	6	1	0	0	3
	1730	,,	1008·1	1007·3	...	84·5	79·0	75·5	31·3	77	...	6·9	...	6·9	0	0	30	0	1	0	0	3	14	10	2	0
Trincomalee ...	0830	24	1011·2	1010·4	+1·7	82·5	77·0	74·6	29·2	77	-5	5·0	+1·9	4·3	0	0	28	1	0	1	4	8	11	2	1	2
	1730	,,	1007·8	1007·0	...	84·4	78·2	75·1	30·1	74	...	6·4	...	7·4	0	3	27	0	2	14	10	1	2	0	1	0
Batticoloa ...	0830	20	1011·0	1010·7	...	82·1	78·6	77·1	31·8	85	...	4·7	...	3·8	0	0	28	2	0	0	1	3	6	10	6	2
	1730	,,	1007·9	1007·6	...	84·4	80·1	78·3	33·1	82	...	6·1	...	9·3	0	6	23	0	6	7	13	2	0	0	1	1
Hambantota ...	0830	61	1011·1	1009·0	+0·9	81·0	77·2	75·6	30·2	84	-2	4·6	+1·1	5·0	0	0	28	6	3	0	0	1	2	4	12	2
	1730	,,	1008·3	1006·2	...	83·4	78·1	76·3	30·4	78	...	4·7	...	11·9	0	17	13	1	2	2	1	5	18	0	1	0
Mannar ...	0830	12	1011·1	1010·7	...	83·1	78·8	77·0	31·7	82	...	4·2	...	6·1	0	0	30	0	2	2	7	18	1	0	0	0
	1730	,,	1007·5	1007·1	...	87·6	79·9	76·6	31·4	70	...	6·7	...	6·2	0	2	28	1	2	2	2	1	17	4	1	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1007·3	980·2	...	72·4	65·9	60·5	18·8	70	...	2·6	...	2·1	0	0	19	2	0	1	8	0	0	0	8	11
	0830	,,	1008·7	982·0	...	82·9	69·4	59·6	18·4	50	...	1·8	...	3·3	0	0	22	1	0	0	13	0	3	2	3	8
	1130	,,	1007·0	981·0	...	95·2	70·2	48·8	13·9	27	...	1·4	...	6·7	0	3	26	0	1	3	14	0	4	4	3	1
	1730	,,	1003·7	977·6	...	91·2	68·1	46·5	13·1	31	...	3·4	...	7·3	0	3	25	1	2	3	8	0	2	2	10	2
	2330	,,	1007·2	980·4	...	78·7	67·9	59·4	18·5	55	...	1·6	...	3·0	0	0	20	0	0	4	9	0	2	1	4	10
Hazaribagh ...	0530	2019	896·2	938·9	...	71·4	62·0	54·6	15·2	59	...	1·6	...	3·1	0	0	21	1	0	3	5	4	5	2	1	9
	0830	,,	898·7	940·5	...	83·3	65·3	51·3	14·0	38	...	0·8	...	5·6	0	1	26	0	1	0	2	6	10	5	3	3
	1130	,,	898·9	939·9	...	91·8	66 0	45·6	11·3	23	...	1·3	...	6·5	0	2	26	2	1	3	4	2	1	7	8	2
	1730	,,	895·7	937·1	...	86·9	64·5	45·9	11·6	31	...	3·1	...	6·4	0	1	27	5	0	1	4	1	3	4	10	2
	2330	,,	896·7	939·0	...	75·8	63·3	53·5	14·8	51	...	0·6	...	3·1	0	0	26	1	0	7	6	6	1	4	1	4
Mahanadi Catchment																										
Baramul ...	0830	210	1009·2	1003·0	...	81·3	73·6	69·9	24·8	68	...	...	...	1·3	0	0	14	0	2	0	1	0	11	0	0	16
	1730	,,	1003·6	996·5	...	96·7	74·5	62·2	19·1	35	...	...	...	1·6	0	0	13	1	0	0	0	5	5	0	2	17
Hirakud ...	0830	522	1007·7	990·5	...	87·1	72·9	64·9	22·0	49	...	...	...	0·8	0	0	12	0	0	2	0	4	4	2	0	18
	1730	,,	1003·8	986·1	...	99·0	76·7	62·9	21·2	35	...	...	...	1·4	0	1	13	0	0	3	0	2	3	6	0	16
Barkachhar ...	0830	...	...	...	...	87·3	71·4	61·6	18·6	43	...	2·0	...	11·0	0	12	18	1	1	2	1	3	18	3	1	0
	1730	...	...	...	...	98·0	70·1	54·4	12·5	24	...	3·0	...	5·0	0	2	25	1	1	1	2	1	9	7	5	3
Sonepur ...	0830	...	...	...	...	88·4	73·9	66·4	14·9	50	...	...	...	3·0	0	0	30	2	1	8	4	1	4	8	2	0
Ginabahar ...	0830	...	...	...	...	85·2	84·6	84·3	40·3	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	89·8	70·4	57·3	16·2	36	...	2·0	...	3·0	0	0	23	1	3	1	1	3	3	10	1	7
	1730	...	...	...	...	101·0	71·6	51·0	13·1	20	...	2·8	...	3·3	0	0	23	5	2	0	1	1	2	9	3	7
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	61·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	87·8	66·8	50·9	13·2	30	...	0·9	...	5·2	0	1	26	0	1	2	1	1	13	6	3	3
	1730	...	...	...	...	104·6	72·2	49·1	12·9	17	...	1·6	...	7·5	0	7	21	0	3	0	0	0	13	7	5	2
Bagra Tawa ...	0830	...	...	...	...	88·6	65·9	48·0	11·2	26	...	1·0	...	5·5	0	1	25	0	2	0	2	0	22	0	0	4
	1730	...	...	...	...	102·7	70·0	44·0	10·0	15	...	2·7	...	5·9	0	2	27	0	3	0	0	0	22	1	3	1
Thikri ...	0830	...	...	...	...	88·9	73·3	64·3	20·6	58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	84·9	69·6	58·9	17·8	44	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	84·7	64·5	49·0	13·9	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	81·2	73·5	69·8	24·8	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

APRIL 1952

ALLAHABAD (Sur. Pr. 994 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	6	305·1	309	299	285·1
1000	30	47	...	...	...	...
900	30	992	302·2	307	293	277·6
850	30	1498	297·4	305	289	275·0
800	30	2024	292·7	302	284	273·9
700	30	3150	281·7	291	275	271·3
600	29	4402	270·9	282	263	...
500	29	5826	260·9	272	252	...
400	29	7490	249·2	263	239	...
300	24	9497	232·2	244	223	...
250	21	10708	225·4	238	212	...
200	15	12172	218·5	230	203	...
175	7	13119	214·1	221	207	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1007 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	5	301·1	304	294	295·6
1000	29	65	...	...	...	...
900	29	999	297·2	305	291	286·0
850	29	1495	294·3	301	287	281·9
800	28	2053	291·8	297	282	275·0
700	28	3140	281·2	287	272	272·7
600	27	4389	271·6	280	260	...
500	25	5811	262·7	268	251	...
400	24	7497	251·5	259	241	...
300	19	9545	237·1	247	226	...
250	13	10809	228·6	240	223	...
200	6	12317	220·3	231	207	...
175	5	13200	217·4	235	211	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (982 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	218	306·7	310	303	281·0
1000	30	52	...	...	...	...
900	30	998	302·0	307	295	276·5
850	30	1501	296·6	302	290	276·2
800	30	2025	291·0	297	284	274·8
700	30	3145	279·9	286	273	270·2
600	30	4389	269·6	277	263	...
500	30	5804	259·3	269	251	...
400	30	7457	246·1	255	238	...
300	28	9480	231·9	244	224	...
250	25	10691	224·2	237	212	...
200	25	12135	216·9	227	206	...
175	14	12969	212·4	221	200	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

MADRAS (1007 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	15	302·0	303	300	297·5
1000	30	78	...	...	...	...
900	30	1015	298·3	303	295	285·5
850	30	1508	295·7	301	291	281·4
800	30	2037	292·7	298	289	276·0
700	30	3173	285·0	290	282	271·0
600	30	4445	276·5	280	273	263·7
500	28	5910	268·7	273	264	...
400	26	7637	258·9	263	242	...
300	21	9762	245·8	250	241	...
250	17	11056	237·5	242	231	...
200	14	12570	228·8	233	224	...
175	9	13450	222·2	226	219	...
150	7	14440	216·1	219	211	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (971 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	307	306·6	311	297	283·5
1000	29	40	...	...	...	...
900	29	990	304·2	308	299	285·7
850	29	1497	300·3	306	295	284·1
800	29	2031	295·4	302	291	282·8
700	29	3170	284·8	289	281	277·8
600	29	4437	273·6	278	270	...
500	29	5873	263·7	268	259	...
400	27	7545	254·0	259	247	...
300	14	9660	241·2	247	237	...
250	10	10934	234·3	238	228	...
200	...	...	...	...	...	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (981 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	217	304·4	310	297	283·5
1000	29	45	...	...	...	...
900	29	991	303·1	315	292	275·5
850	29	1495	297·9	303	289	275·0
800	29	2023	292·4	298	285	273·7
700	29	3148	281·7	288	275	270·2
600	29	4397	270·9	276	264	...
500	29	5818	260·5	273	254	...
400	29	7484	249·5	269	241	...
300	27	9521	234·0	255	227	...
250	24	10755	225·5	247	212	...
200	10	13244	220·7	238	213	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

APRIL 1952

	POONA (Sur. Pr. 947 mb.)						PORT BLAIR (1006 mb.)						TRIVANDRUM (1002 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	30	557	303·1	308	299	288·0	29	2	301·0	303	299	297·0	29	64	300·9	303	297	297·1
1000	30	68	...	...	...	...	26	95	...	...	...	...	25	83	...	...	...	...
900	30	1006	300·4	303	297	284·9	26	1022	296·0	298	295	291·0	25	1012	295·3	297	293	292·4
850	30	1507	297·7	304	293	280·7	26	1518	293·0	296	292	287·0	25	1507	292·7	295	291	289·9
800	30	2038	294·5	300	291	278·5	26	2042	290·0	293	288	283·0	24	2031	289·8	293	288	287·1
700	30	3179	286·1	289	282	274·8	26	3169	284·0	287	281	275·0	23	3159	284·1	286	282	277·0
600	30	4451	275·4	278	271	268·1	24	4439	277·0	280	272	268·0	22	4430	276·4	279	274	270·9
500	30	5898	266·2	271	263	...	22	5896	262·0	273	265	...	22	5886	268·4	271	266	...
400	29	7607	256·4	260	254	...	19	7623	259·0	261	256	...	22	7610	258·9	261	255	...
300	27	9710	243·2	249	239	...	11	9742	245·0	246	243	...	20	9734	245·7	249	243	...
250	27	10990	236·1	245	230	...	11	11025	237·0	246	234	...	14	11008	235·1	240	233	...
200	22	12502	226·1	236	220	...	8	12507	226·0	230	221	...	11	12505	223·3	227	220	...
175	15	13369	220·3	224	215	...	...	...	...	...	...	...	11	13368	216·4	221	210	...
150	13	14343	214·5	220	209	...	...	...	...	...	...	...	10	14335	209·2	215	200	...
125	8	15465	210·3	216	204	...	...	...	...	...	...	...	5	15454	205·4	208	203	...
100	5	15852	206·4	211	203	...	...	...	...	...	...	...		...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

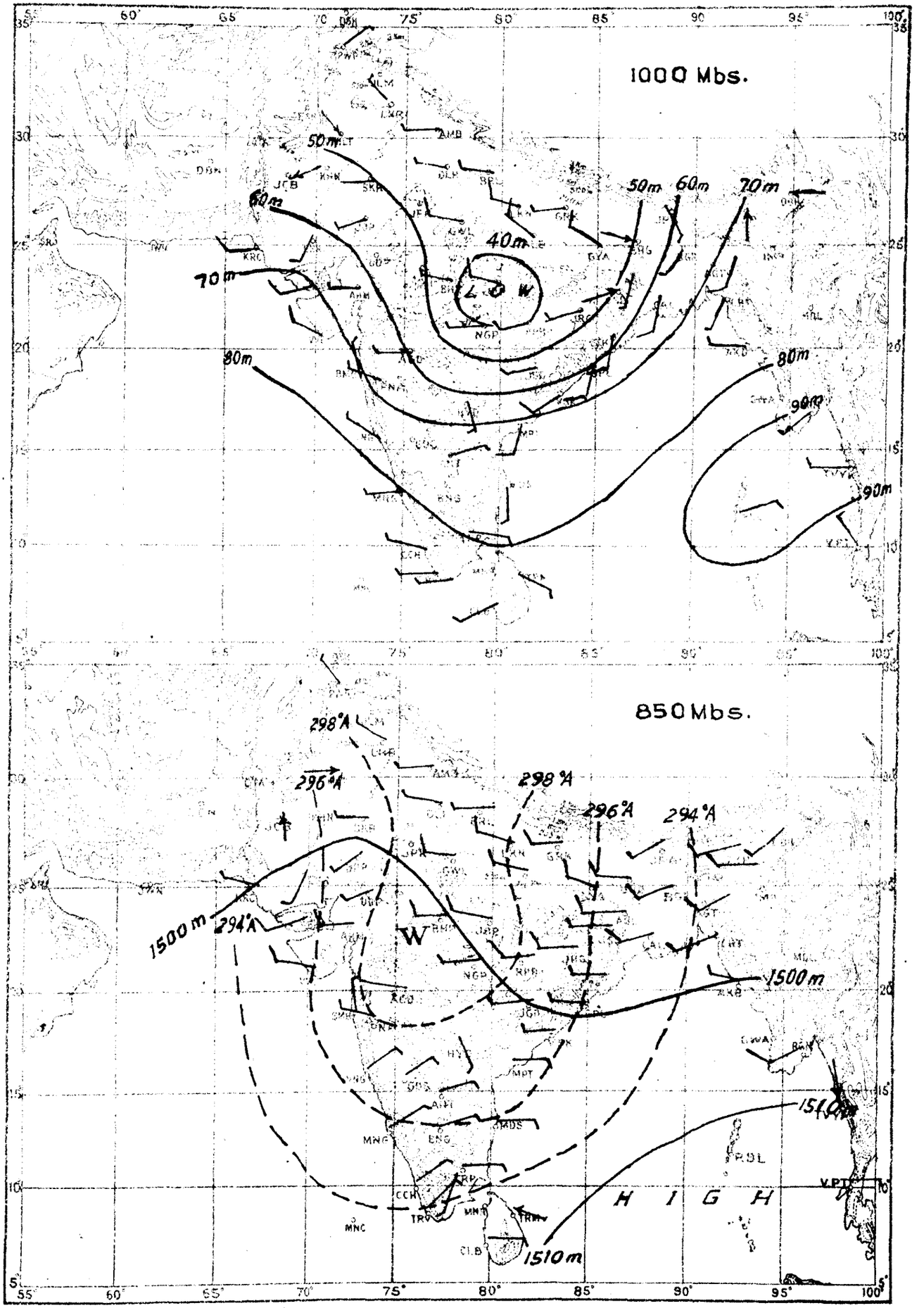
	VERAVAL (1008 mb.)						VISAKHAPATNAM (1003 mb.)					
Surface	30	8	300·0	304	298	297·6	30	48	301·8	303	301	297·3
1000	30	77	...	...	...	...	30	73	...	...	...	...
900	30	1012	299·1	303	293	279·6	30	1006	298·2	303	291	288·0
850	30	1512	296·4	300	289	277·2	30	1505	295·8	300	291	285·1
800	30	2039	293·1	299	284	274·2	30	2033	292·4	296	287	282·8
700	30	3173	284·6	289	278	269·8	30	3165	283 8	287	281	276·5
600	30	4440	275·7	280	272	262·2	30	4435	274·6	280	271	267·2
500	30	5890	266·2	272	261	...	30	5881	266·3	270	261	...
400	26	7609	255·6	260	248	...	28	7589	255·9	261	246	...
300	25	9704	242·6	247	235	...	22	9685	242·9	251	234	...
250	22	10980	234·6	240	226	...	21	10950	233·9	242	224	...
200	19	12496	225·9	231	219	...	17	12429	224·0	231	213	...
175	15	13360	221·2	228	216	...	11	13369	217·8	224	210	...
150	13	14347	216·4	226	210	...	11	14256	212·4	220	206	...
125	8	15523	210·6	219	206	...	...	...	...	...	...	...
100	5	16938	208·8	216	205	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...

Note :– Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S$_1$—110 DDG Ob. Poona—19-3-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.
APRIL 1952

Plate I



RESULTANT WIND ——=5 Knots, ——= 10 Knots, ——= 50 Knots.

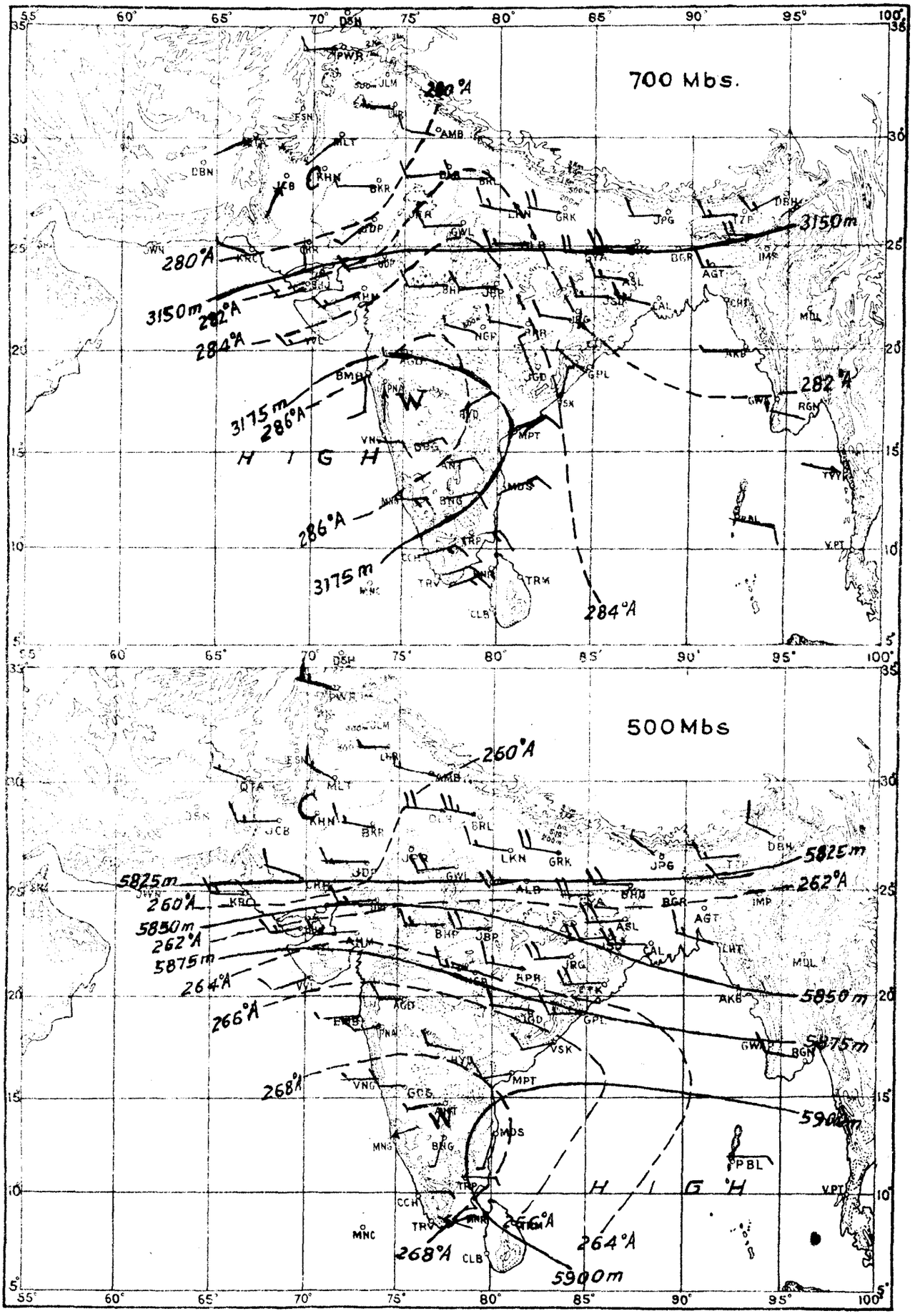
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

APRIL 1952

Plate II



RESULTANT WIND ——\=5 Knots, ——\= 10 Knots, ——◥= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

MAY

Published by authority of the Government of India

The chief features of the month were (i) good thunderstorm activity in Assam and the extreme south Peninsula, (ii) a cyclonic storm in the southwest Bay of Bengal during the last week of the month, (iii) early arrival of the mansoon in Travancore-Cochin and (iv) heat wave in northwest India, Uttar Pradesh and north Madhya Bharat during the second half of the month.

Local or fairly widespread thundershowers occured in Assam, sub-Himalayan west Bengal, Malabar-south Kanara and Travancore-Cochin on most days of the month. Fairly widespread thundershowers were also reported from the Gangetic west Bengal and Chota Nagpure practically throughout the first half of the month. Locally heavy rain occured in northwest Assam between the 21st and 27th and in east Assam on the last day of the month. The heavy rainfall caused the river Brahmaputra and its tributaries to rise in spate, and inundate several villages near the Abor hills. According to press reports, a part of Sadiya town was flooded and a number of buildings were damaged.

Eleven western disturbances moved across the north of the country during the month, but these were generally feeble. A secondary 'low' induced by the second western disturbance was responsible for a severe duststorm in Delhi on the 4th. The maximum wind speed recorded during the storm was 61 m. p. h. The fifth and sixth western disturbances were comparatively more active, and caused local or fairly widespread thundershowers in Punjab (I) and northwest Uttar Pradesh between the 10th and 12th, and in west Bengal and upper Assam on the 12th. The details regarding the movement and activity of each western disturbance are given in the following table :

Statement Showing Movements and Activities of Western Disturbunces During May 1952

S. No.	Period	Course	Regions affected	Nature of precipitation	Remarks
1	30th April 1st May	Baluchistan-Punjab Kumaon hills	Uttar Pradesh. west Rajasthan, Madhya Bharat, Kashmir..	A few thundershowers on 1st	Secondary western disturbance induced by the last western disturbance of April
2	2nd-3rd May	North Baluchistan-extreme north of country			
2 (a)	3rd-4th	Rajasthan-northeastwards across the hills of the Punjab (I)	Kashmir, east Uttar Pradesh south east Madhya Pradesh.	A few thundershowers on 4th	Secondary western disturbance induced by the western disturbance No.2.
3	6th May	Eastwards across extreme north of the country	The Kumaon Hills Kashmir.	Fairly widespread thundershowers on 6th A few sbowers on the 5th	
4	7th-9th	Remained stationary over Punjab (I) before becoming unimportant.	Kashmir.	A few showers on the 9th and local showers on the 10th	
5	9th-10th	Baluchistan-north Madhya Bharat-eastwards Chota Nagpur	Himachal Pradesh Northwest Uttar Pradesh, plains of Punjab (I) Southwest Rajasthan.	Widespread showers on the 10th Local thunders on the 10th A few thundershowers on the 10th	
6	10th evening 11th morning	Extreme north of country eastwards across the Kumaon hills - upper Assam	Punjab (I), northwest Uttar Pradesh West Bengal. Kashmir Punjab Kumaon Hills Assam	Fairly widespread thundershowers on 11th Fairly widespread thundershowers on 12th Local showers on the 11th Local thundershowers on the 12th A few thundershowers on the 12th	
7	12th-16th	Northwest Frontier Province Punjab (P)-Punjab (I)-eastwards Punjab Kumaon hills	Kashmir In and near Kumaon Hills East Uttar Pradesh.	Local thundershowers on 14th and a few thundershowers on 15th and 16th Fairly widespread thundershowers on 16th A few thundershowers on the 15 and 16th	

Note — Data from Kashmir are meagre.

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S. No.	Period	Course	Regions affected	Nature of precipitation	Remarks
8	16th–17th	Punjab (P) northeastwards	Kashmir, northwest Uttar Pradesh The Kumaon Hills East Rajasthan, plains of west Uttar Pradesh	Local thundershowers on the 17th Local thundershowers on the 18th few thundershowers on the 18th	
9	18th–20th	North Baluchistan – east wards across the Punjab Kumaon hills	Kashmir east Uttar Pradesh, Rajasthan	A few thundershowers on the 20th	
10	25th–28th	North Baluchistan–Punjab (P) eastwards across Punjab hills	Kasmir The Punjab (I)	Local thundershowers on 28th A few thundershowers on 28th	
10 (a)	29th–31st	North Rajastan eastwards northwest Uttar Pradesh	Hills of the Punjab (I) Kumaon Hills Plains of northwest Uttar Pradesh and of the Punjab (I) Himachal Pradesh East Uttar Pradesh	Widespread thundershowers on the 30th Local thundershowers on 30th A few thundershowers on 30th Local thundershowers on 31st A few thundershowers on 31st	Secondary western disturbance induced by the western disturbance No.10
11	31st May 2nd June	Punjab (I) eastwards	—	—	Did not cause any precipitation in May 1952.

Conditions became unsettled in the southeast Bay of Bengal on the 14th and a depression, centred about 60 miles southwest of Port Bihar, formed by the 16th morning. Moving in a westnorthwesterly direction, the depression intesified into a cyclonic storm by the 21st and was centred about 120 miles eastnortheast of Madras on the 22nd morning. Later, while continuing to move in a westnorthwesterly direction, it weakened somewhat and lay as a deep depression, with its centre close to the coast near Masulipatam on the 23rd morning. After further weakening, it lay as an extended trough over coastal Andhradesa and the adjoining areas of west central Bay by the 25th, and by the next day became unimportant.

The cyclonic storm was responsible for widespread and locally very heavy rain in north Tamilnad on the 21st and 22nd, and in south Hyderabad, coastal Andhradesa and Rayalaseema between ths 22nd and 26th. The observatories at Nungambakkam and Meenambakkam recorded 17" and 13" of rain between 21st and 22nd. Nellore had 13" of rain during the same period and Ponneri, in Tamilnad, recorded 13·7" on the 22nd. According to press reports, many low-lying areas in Madras City were flooded on the 22nd and considerable damage was caused. The rivers Krishna and Pennar rose in spate, causing breaches on the Southern Railway between Madras and Vijayawada.

Under the influence of the above storm the southwest monsoon was ushered in Travancore-Cochin on the 20th May—about ten days before the normal date, and it remained active there during the rest of the month.

A heat wave swept over northwest India, Uttar Pradesh and north Madhya Bharat during the last 10 days of the month. The heat wave was responsible for several cases of death due to sunstroke in Kanpur on the 24th.

Total rainfall for the month was in large excess in south Hyderabad and coastal Andhradesa; in moderate excess in Assam, Deccan (Desh) and north Hyderabad and in slight excess in the Bay Islands, Chota Nagpur, the Punjab (I), Rayalaseema, Tamilnad and Travancore-Cochin. It was normal in the Konkan, in slight defect in west Bengal, Bihar in moderate defect in Orissa, west Uttar Pradesh, Malabar and south Kanara and Mysore and in large defect in east Uttar Pradesh, Rajasthan, Madhya Bharat, Vindhya Pradesh and Madhya Pradesh. Weather was dry in Gujarat and Saurastra and Kutch. Average over the plains of India, the rainfall was 11% in excess.

The mean maximum temperatures was above normal in west Uttar Pradesh, Madhya Bharat, Vindhya Pradesh, west Madhya Pradesh and Saurashtra and Kutch, below normal in coastal Andhradesa and Rayalaseema and normal elsewhere. The mean minimum temperature was above normal in Uttar Pradesh, Rajasthan, Madhya Bharat, Vindhya Pradesh, Madhya Pradesh Gujarat and Saurashtra and Kutch and it was normal over the rest of the country.

The mean relative humidity in the morning was above normal in Chota Nagpur, and Saurashtra and Kutch, below normal in east Rajastan. It was normal in the remaining divisions.

The mean cloud amount in the morning was above normal in Chota Nagpur, west Madhya Pradesh and the Peninsula outside Gujarat, Saurashtra and Kutch and the Konkan, below normal in Rajasthan, Madhya Bharat, Vindhya Pradesh and Gujarat and normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hours. I. S. T. of the date noted in the succeeding column, similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending 0830 hour I.S.T. of the date given in the succeeding column.

POONA—5,
the 23rd July 1953.

S. K. PRAMANIK
for Director General of Observatories.

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	17·09 +5·27	145 ...	85·9 − 1·1	72·0 0	85 + 4	76 ...	6·2 + 0·9	4·7 ...
2 West Bengal ...	4·38 −1·24	78 ...	94·4 −1·8	77·4 + 0·3	74 + 1	63 ...	4·2 + 0·3	3·8 ...
3 Orissa ...	1·88 −1·22	61 ...	96·9 − 1·0	80·4 + 0·5	71 + 1	61 ...	3·4 − 0·1	3·5 ...
4 Bihar ...	1·89 −0·07	96 ...	99·6 − 0·7	77·3 + 0·4	61 + 6	47 ...	2·6 + 0·2	3·0 ...
5 Uttar Pradesh ...	0·41 −0·28	59 ...	106·5 + 2·1	80·5 + 2·7	42 + 2	23 ...	1·3 0	1·7 ...
6 Punjab (I) (including PEPSU and Delhi) ...	0·81 +0·15	123 ...	106·0 + 1·2	77·1 + 0·3	37 0	18 ...	1·2 0	2·2 ...
7 Rajasthan ...	0·09 −0·38	19 ...	107·4 + 1·5	82·9 + 3·2	35 − 4	17 ...	0·4 − 0·4	1·4 ...
Sub-Division								
1 Bay Islands ...	17·83 +2·70	118 ...	88·5 + 1·8	76·9 + 1·9	78 0	84 ...	6·3 +0·7	6·2 ...
2 Assam (including Manipur and Tripura) ...	71·09 +5·27	145 ...	85·9 − 1·1	72·0 0	85 + 4	76 ...	6·2 + 0·9	4·7 ...
3 West Bengal ...	4·38 −1·24	78 ...	94·4 − 1·8	77·4 + 0·3	74 + 1	63 ...	4·2 + 0·3	3·8 ...
4 Orissa ...	1·88 −1·22	61 ...	96·9 − 1·0	80·4 + 0·5	71 + 1	61 ...	3·4 − 0·1	3·5 ...
5 Chota Nagpur ...	2·33 +0·23	111 ...	102·0 − 0·2	77·8 + 0·2	56 + 6	39 ...	2·7 + 0·5	4·5 ...
6 Bihar ...	1·68 −0·22	88 ...	97·5 − 1·1	77·0 + 0·6	65 + 5	51 ...	2·4 − 0·1	2·0 ...
7 Uttar Pradesh, East ...	0·32 −0·36	47 ...	106·9 + 1·9	81·6 + 2·6	49 + 5	25 ...	1·1 − 0·1	1·3 ...
8 Uttar Pradesh, West ...	0·49 −0·19	72 ...	106·1 + 2·2	79·6 + 2·7	36 − 1	18 ...	1·4 + 0·1	2·1 ...
9 Punjab (I) (including PEPSU and Delhi) ...	0·81 +0·15	123 ...	106·0 + 1·2	77·1 + 0·3	37 0	18 ...	1·2 0	2·2 ...
10 Jammu and Kashmir ...			Data incomplete					
11 Rajasthan, West ...	0·16 −0·23	41 ...	108·3 + 1·4	81·6 + 2·5	41 0	21 ...	0·3 − 0·4	1·1 ...
12 Rajasthan, East (including Ajmer) ...	0·02 −0·53	4 ...	106·7 + 1·6	83·9 + 3·7	31 − 7	12 ...	0·5 − 0·3	1·7 ...
13 Madhya Bharat ...	0·01 −0·55	2 ...	106·7 + 2·0	80·7 + 3·3	35 − 3	14 ...	0·6 − 0·3	2·0 ...
14 Vindhya Pradesh ...	0·05 −0·38	12 ...	109·8 + 3·6	82·9 + 3·5	27 − 2	19 ...	0·9 − 0·9	2·5 ...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·02 −0·47	4 ...	108·0 + 2·7	81·6 + 3·4	33 − 3	16 ...	0·7 − 0·6	2·1 ...
9 Madhya Pradesh ...	0·25 −0·56	31 ...	107·6 + 1·9	83·2 + 3·6	36 + 1	20 ...	2·4 + 0·6	3·7 ...
10 Bombay (including Saurashtra & Kutch) ...	0·99 +0·06	106 ...	100·3 + 1·1	78·4 + 1·8	68 + 2	43 ...	2·4 + 0·2	2·5 ...
11 Hyderabad	3·01 +2·06	317 ...	103·4 − 0·7	80·3 + 1·1	47 − 1	26 ...	3·6 + 1·3	4·8 ...
12 Madras (including Travancore-Cochin) ...	5·34 +1·04	124 ...	96·2 − 1·7	80·6 + 0·8	69 + 1	60 ...	5·1 + 1·2	5·3 ...
13 Mysore ...	2·98 −1·31	69 ...	88·9 + 1·5	69·5 + 0·4	80 + 4	48 ...	5·0 + 0·9	6·0 ...
Mean of India ...	2·31 +0·22	111 ...	101·9 + 0·5	78·9 + 1·8	53 + 1	36 ...	2·7 + 0·3	3·2 ...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0·54 −0·70	44 ...	105·7 + 1·3	83·0 + 3·7	42 + 3	25 ...	2·2 − 0·1	3·9 ...
16 Madhya Pradesh, West ...	0·07 −0·47	13 ...	108·8 + 2·3	83·3 + 3·5	33 0	16 ...	2·5 + 1·0	3·5 ...
17 Gujarat ...	0 −0·37	0 ...	104·5 + 1·5	80·6 + 2·1	65 0	36 ...	1·3 − 0·5	0·6 ...
18 Saurashtra & Kutch ...	0 −0·29	0 ...	101·3 + 2·1	79·5 + 2·0	78 + 7	55 ...	2·0 + 0·1	1·5 ...
19 Konkan ...	2·23 +0·14	107 ...	90·6 + 1·2	81·1 + 1·4	77 + 3	69 ...	4·0 + 0·3	3·5 ...
20 Deccan (Desh) ...	1·55 +0·45	141 ...	101·4 0	75·1 + 1·5	56 − 1	30 ...	2·8 + 0·6	3·7 ...
21 Hyderabad, North ...	1·11 +0·34	144 ...	104·8 + 0·7	79·6 + 1·2	43 − 1	22 ...	3·8 + 1·7	4·7 ...
22 Hyderabad, South ...	4·91 +3·79	438 ...	102·3 − 1·7	80·9 + 1·1	51 0	29 ...	3·5 + 0·9	4·9 ...
23 Coastal Andhradesa ...	5·99 +2·82	189 ...	97·5 − 3·3	81·7 − 0·3	71 + 2	63 ...	4·9 + 0·8	4·8 ...
24 Rayalaseema ...	7·77 +1·40	122 ...	99·8 − 4·3	80·8 + 0·2	60 + 5	42 ...	4·4 + 1·1	4·9 ...
25 Tamilnad ...	2·60 +0·44	120 ...	97·3 − 0·8	80·6 + 1·6	67 − 1	57 ...	4·8 + 1·5	5·2 ...
26 Malabar & South Kanara ...	5·59 −2·13	72 ...	91·0 + 0·5	79·3 + 0·9	78 + 1	73 ...	6·3 + 1·4	6·1 ...
27 Mysore ...	2·98 −1·31	69 ...	88·9 − 1·5	69·5 + 0·4	80 + 4	48 ...	5·0 + 0·9	6·0 ...
28 Travancore-Cochin ...	12·25 +2·03	120 ...	88·2 − 0·3	78·3 + 0·4	84 + 3	79 ...	6·4 + 1·2	6·7 ...

120 539

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean beween 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	88·5	+1·8	95	5,6	76·9	+1·9	73	28	8·39	17·83	+ 2·70	4·80	26	19	+2·7	10·5	8·1	−0·5	22	0	0	10	0	0	0	2	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	49·65	...	6·60	26	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	85·0	+0·5	93	4 days	71·5	+0·8	67	1,3	2·51	10·75	− 1·32	2·27	29	17	+1·4	1·7	1·1	−0·1	19	0	0	8	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	85·0	...	95	13	70·6	...	65	3	2·85	9·59	...	2·21	1	16	...	4·3	2·8	...	19	0	0	12	1	0	0	0	0	0
Sibsagar ...	84·2	−1·0	94	13	73·0	+1·3	67	14	6·79	11·54	− 0·52	3·02	31	15	−0·6	4·2	3·2	+0·8	21	0	0	10	0	0	0	0	0	0
Tezpur ...	87·8	+1·0	95	13	72·7	+0·4	68	2,10	2·66	15·07	+ 4·42	1·84	22	20	+4·7	1·6	1·1	−1·7	23	0	0	3	0	0	0	0	0	0
Tezpur (P. B. O.) ...	86·8	...	94	12	72·6	...	68	2,10	1·25	15·41	...	2·15	19	21	...	2·2	1·9	...	27	0	0	13	0	0	0	0	0	0
Gauhati ...	87·1	−0·6	94	12	71·7	−0·7	66	1	3·46	16·81	+ 7·52	2·48	15	18	+4·5	3·1	2·1	+0·2	22	0	0	11	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	87·1	...	94	12	72·0	...	65	1	3·63	16·71	...	3·25	15	21	...	3·6	2·7	...	22	0	0	23	0	0	0	0	0	0
Dhubri ...	84·8	−1·0	92	12	72·2	−0·8	67	2,5	5·44	34·23	+18·44	5·72	25	23	+7·5	5·9	5·7	0	26	0	0	18	0	0	0	0	0	0
Silchar ...	87·6	−1·1	94	20	72·5	−0·1	65	2	7·08	23·96	+ 7·54	6·43	31	21	+4·6	1·6	0·9	−1·1	26	0	0	24	0	0	0	0	0	0
Tura ...	86·4	...	90	29	69·9	...	62	7	13·00	38·28	...	7·61	23	24	...	4·8	4·5 (g)	...	26	0	2	2	0	0	0	0	0	0
Lumding ...	84·6	−5·2	91	29	70·5	−0·9	64	7	...	7·29	+ 0·82	1·48	9	14	+3·3	...	2·0	...	...	...	...	...	...	...	...	...	...	...
West Bengal																												
DumDum ...	94·8	...	98	29	77·9	...	67	4	0·97	4·09	...	1·00	15	6	...	13·2	10·6	...	10	0	0	9	0	0	0	0	8	0
Calcutta ...	95·4	−0·2	99	29,31	79·1	+1·6	69	4	0·54	3·34	− 2·15	0·96	15	8	+1·1	6·9	5·5	+0·5	10	0	0	4	0	0	0	0	7	0
Saugor Island ...	89·4	−1·6	91	6 days	81·1	+0·5	70	10	1·74	4·18	− 0·34	1·74	13	5	−0·5	17·7	17·4	+3·9	7	0	0	5	0	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0·20	0·29	− 1·77	0·20	13	1	−2·2	...	...	...	1	0	0	0	0	0	0	0	0	0
Midnapore ...	99·0	−0·9	109	1	79·4	+0·7	69	12	0·03	1·48	− 3·26	0·64	12	3	−3·9	7·8	6·7	+2·4	7	0	0	6	0	0	0	0	0	0
Contai ...	91·2	...	98	31	79·7	...	69	12,15	0·39	6·08	...	2·22	16	6	...	15·6	12·2	...	7	0	0	3	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	1·74	− 2·33	0·63	4	5	−0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	95·1	−2·0	101	1,2	77·4	−0·1	68	4	1·02	4·75	− 1·21	0·92	4	8	+0·8	10·5	7·0	+3·8	8	0	0	4	0	3	0	0	0	0
Krishnagar ...	96·2	−0·5	100	21,28	75·9	−0·7	70	4 days	0·30	3·08	− 3·63	0·59	5	8	+0·1	6·9	5·7	+0·1	13	0	0	17	0	6	0	0	2	0
Asansol ...	98·0	−3·2	110	1	78·4	+0·2	70	4	0·79	2·42	− 0·51	0·68	16	5	+0·6	6·5	6·2	+0·5	8	0	0	8	0	0	0	0	0	0
Berhampore ...	95·8	−1·3	101	23	77·2	+0·5	69	12	1·12	2·20	− 3·13	0·54	2	4	−3·3	5·1	4·0	+0·2	11	0	0	7	0	0	0	0	0	0
Malda ...	92·7	−2·7	99	21	75·4	+0·1	67	12	0·15	2·27	− 2·33	0·96	12	4	−1·6	6·9 (c)	6·0 (c)	+0·4	9	0	0	11	0	0	0	1	0	0
Cooch Behar ...	86·0	...	92	12,20	72·0	...	63	2	8·35	33·54	+16·77	...	...	...	...	4·7	3·8	...	...	...	...	...	...	...	...	...	...	...
Jalpaiguri ...	85·9	−3·6	92	12	72·6	0	65	8	2·38 (g)	18·33	+ 6·51	4·44	25	20	+6·9	7·4 (e)	5·4	+2·9	25	0	0	24	0	0	0	0	0	0
Bagdogra ...	86·9	...	92	12	72·5	...	67	5,8	1·63	16·37	...	2·25	25	15	...	6·7	4·9	...	25	0	0	19	0	0	0	0	1	0
Orissa																												
Balasore ...	95·6	−1·5	104	1,3	79·2	+0·4	69	12	0·56	2·82	− 1·81	1·28	12	5	−0·9	11·5	8·4	+2·7	6	0	0	11	0	0	0	0	0	0
Chandbali ...	96·6	−0·8	105	16	79·7	+0·5	72	6	0·95	1·49	− 4·09	0·86	7	4	−1·4	14·0	10·8	+0·7	4	0	0	2	0	0	0	0	0	0
Puri ...	89·6	0	92	4 days	81·8	+0·7	75	11,17	0	0·41	− 3·45	0·16	11	2	−1·2	16·5	15·2 (b)	+1·9	5	0	0	2	0	0	0	0	0	0
Bhubaneswar ...	98·7	...	104	16	80·4	...	73	6	...	1·16	...	...	...	...	...	...	15·4 (a)	...	6	0	0	0	0	0	0	0	0	0
Cuttack ...	101·4	0	107	3	80·5	+0·6	74	13	...	...	...	...	...	...	...	6·7	5·6 (b)	+1·8	...	0	0	5	0	2	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0·32	1·09	...	0·36	30	4	...	5·7	4·7	...	5	0	0	6	0	0	0	0	0	0
Gopalpur ...	90·1	−0·2	98	4	80·8	+0·7	76	30	0·15	1·74	− 0·39	0·91	30	3	−0·1	13·2	12·5	−0·3	6	0	0	8	0	0	0	0	0	0
Koraput ...	93·5	...	98	28	72·9	...	67	6	1·76	1·85	...	0·90	6	3	...	...	...	...	5	0	0	0	0	0	0	0	0	0
Angul ...	103·3	−1·2	110	1,2,4	80·0	+1·0	70	11,13	0·17	3·62	+ 1·27	1·51	11	4	−0·7	7·0	7·2	+1·6	7	0	0	9	0	0	0	0	0	0
Sambalpur ...	102·9	−3·6	111	1	80·9	−0·3	72	11	0·42	1·21	+ 0·13	0·45	11	4	+1·7	6·0	4·9	+1·6	4	0	0	6	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0·90	1·83	...	1·02	13	2	...	...	...	...	4	0	0	12	0	4	0	0	0	0
Titilagarh ...	103·0	...	113	18	83·6	...	79	8	0	0·03	...	0·03	11	0	...	5·8	5·0	...	1	0	0	5	0	4	0	0	0	0
Chota Nagpur																												
Purulia ...	101·2	...	108	1,2	78·6	...	68	12	0·46	1·45	...	0·65	23	4	...	7·3	5·8	...	4	0	0	1	0	0	0	0	0	0
Jamshedpur ...	101·1	−1·8	108	1,4	79·6	+0·4	72	12	0·30	1·72	− 1·41	1·04	15	4	−1·1	6·4	6·3	+2·1	5	0	0	8	0	0	0	0	0	0
Chaibasa ...	103·1	−0·9	110	4	79·5	+0·3	73	6,16	0·49	1·54	− 1·20	0·93	16	4	−1·2	3·9	3·9	+0·3	4	0	0	11	0	0	0	0	0	0
Ranchi ...	98·9	+0·3	104	3,3,4	73·1	−2·2	60	26	2·85	2·85	+ 0·73	0·65	12	8	+3·9	4·4	3·4	−1·5	9	0	0	4	0	0	0	0	0	0
Hazaribagh ...	98·8	−0·6	105	4	74·5	−1·0	67	12	3·74	5·35	+ 3·39	1·75	30	9	+5·6	7·5	6·8	−0·3	13	0	0	15	0	0	0	0	0	0
Hazaribagh(C.W.) ...	98·5	...	105	4	73·5	...	67	12	3·50	5·08	...	1·59	30	9	...	4·2	3·3	...	12	0	0	13	0	1	0	0	0	0
Daltonganj ...	108·3	+2·1	114	27,28	82·1	+3·4	75	13	0·20	0·29	− 0·37	0·20	13	1	−0·3	5·7	4·2	−0·2	1	0	0	4	0	5	0	0	0	0
Dhanbad ...	100·0	...	109	1	76·8	...	66	12	0·14	1·88	...	1·15	12	4	...	9·1	8·3	...	7	0	0	12	0	0	0	0	0	0
Bihar																												
Purnea ...	90·2	−4·6	97	22	73·9	−0·5	66	5	0·20	4·10	− 0·08	1·00	5	8	+2·5	6·9	5·2	+1·8	10	0	0	12	0	0	0	0	0	0
Darbhanga ...	94·1	−2·1	102	2	75·6	+0·1	69	6,20	0·94	2·34	− 0·17	0·88	20	4	+0·5	6·1	4·6	+0·2	8	0	0	5	0	5	0	0	0	0
Motihari ...	96·5	−0·6	102	22,25 26	74·5	−0·2	69	5	0·20	2·26	− 0·38	0·92	5	4	+0·2	4·4	5·0	0	6	0	0	5	0	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0·60	− 1·38	0·20	6,12, 29	3	−0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0·90	− 0·40	0·81	30	1	−0·8	...	...	...	...	...	...	...	...	...	...	...	...	...

(g) Mean of 24 days. (e) Mean of 26 days. (c) Mean of 28 days. (a) Mean of 30 days. (b) Mean of 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	1·77	+0·54	1·25	12	2	+0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	101·7	+1·4	108	26	79·2	+1·1	74	8,9,16	0	0·19	−1·21	0·19	16	1	−1·3	7·3	7·3	+2·2	1	0	0	5	0	1	0	0	0	0
Patna (Aerodrome)	101·8	...	110	26	79·4	...	72	16	0	0·92	...	0·92	16	1	...	8·3	7·3	...	1	0	0	4	0	1	0	0	0	0
Dehri	107·4	...	115	26	82·0	...	73	16	0·03	0·23	−0·40	0·11	16	1	−0·2	6·5	5·0	...	3	0	0	1	0	4	0	0	0	0
Gaya	106·2	+1·6	112	26	81·9	+2·1	72	13	0·07	1·44	+0·51	0·59	23	5	+3·3	7·3	7·2	+1·2	7	0	0	8	0	0	0	0	0	0
Jamui	100·8	...	108	2	79·3	...	71	12	0·68	3·21	...	2·47	12	2	...	6·8	5·9	...	4	0	0	0	0	0	0	0	0	0
Dumka	96·5	−2·5	107	1	77·8	+0·5	69	8	3·65	4·27	+0·66	1·50	18	5	−0·1	7·6	5·7	+2·7	6	0	0	16	0	0	0	0	0	0
Sabour	96·2	−2·1	102	22	76·8	+1·1	67	12	0·44	2 93	+0·78	1·00	12	4	+0·4	8·5	6·9	0	5	0	0	10	0	0	0	0	0	0
Bhagalpur	97·4	...	104	18	77·1	...	69	12	0·26	1·90	...	0·72	12	5	...	7·1	6·3	...	5	0	0	9	0	0	0	0	0	0
U. P., East																												
Gonda	105·2	+2·5	103	25	80·7	+2·9	74	6	0	0	−1·03	0	...	0	−1·9	6·9	5·3	+0·2	0	0	0	0	0	0	0	0	0	0
Gorakhpur	101·3	+0·2	107	26	79·1	+2·2	73	12	0·05	0·67	−0·71	0·46	22	2	−0·5	4·2	4·3	−0·5	4	0	0	2	0	1	0	0	0	0
Azamgarh	105·7	...	113	26	80·2	...	73	7	0	0·49	...	0·49	16	1	...	2·6	1·9	...	1	0	0	0	0	0	0	0	0	0
Banaras	108·5	+3·1	115	26	81·5	+2·3	74	7	0·20	1·03	+0·50	0·65	16	3	+1·9	7·8	6·7	+2·8	3	0	0	3	0	2	0	0	0	0
Banaras (Babatpur Aerodrome)	103·8	...	115	26	81·4	...	74	7	0	0·05	...	0·05	16	0	...	8·5	7·3	...	1	0	0	2	0	3	0	0	0	0
Allahabad (Bamrauli)	108·8	+1·7	116	25	82·6	+2·7	77	3,7,8	0	0·24	−0·39	0·24	16	1	−0·2	6·5	5·0	−0·3	1	0	0	5	0	1	0	0	0	0
Fatehpur	109·2	+2·0	117	26	83·5	+3·0	76	7,13	0	0	−0·14	0	...	0	−0·6	7·4	4·5	+0·5	0	0	0	7	0	1	0	0	0	0
Banda	111·5	...	117	26,27, 29	85·0	...	78	13	0	0	...	0	...	0	...	3·8	2·2	...	0	0	0	0	0	0	0	0	0	0
Orai	110·3	...	116	25,26, 27	84·3	...	78	6	0	0·10	...	0·10	22	1	...	8·8	6·6	...	1	0	0	0	0	3	0	0	0	0
Kanpur	107·7	+1·5	115	25	82·6	+2·2	75	6	0	0·30	−0·02	0·27	5	1	0	9·1	5 6	−2·3	4	0	0	1	0	4	0	0	0	0
Lucknow	107·9	+2·5	114	26	81·2	+2·9	71	6	0	0·02	−0·75	0·02	4	0	−1·3	4·3	2·6	+0·1	1	0	0	1	0	1	0	0	0	0
Lucknow (Amausi Aerodrome)	103·6	...	113	25	81·0	...	72	6	0	0·15	...	0·07	15	0	...	7·6	5·5	...	4	0	0	6	0	5	0	0	0	0
Hardoi	107·1	...	113	4 days	80·1	...	72	6	0	0	...	0	...	0	...	6·2	4·6	...	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	103·8	...	111	25	78·5	...	70	7	1·17	2·34	...	1·17	12	2	...	4·4	3·1	...	4	0	0	3	0	3	0	0	0	0
Bahraich	105·1	+2·8	113	25	81·3	+4·1	73	6	0	0	−1·21	0	...	0	−2·1	7·1	6·5	+3·0	0	0	0	2	0	0	0	0	0	0
U. P., West																												
Jhansi	110·3	+1·8	116	26	85·6	+3·0	80	7,13	0	0	−0·37	0	...	0	−1·0	3·5	3·3	−1·0	0	0	0	0	0	0	0	0	0	0
Agra	109·1	+2·9	116	27	82·3	+4·1	76	13,14	0	0·20	−0·18	0·10	5,18	2	+0·9	2·2	3·1	−1·4	2	0	0	1	0	0	0	0	0	0
Mainpuri	109·5	+2·1	117	25,26, 27	80·4	+2·2	73	6	0	0·53	+0·02	0·49	29	1	−0·2	...	...	...	2	0	1	3	0	6	0	0	0	0
Aligarh	103·1	+2·8	115	27	79·7	+0·3	73	6	0	0	−0·41	0	...	0	−1·2	...	...	...	0	0	0	2	0	3	0	0	0	0
Bareilly	105·5	+2·4	112	25,28	79·3	+2·2	71	11	0	0·72	+0·06	0·58	11	2	+0·5	5·2	3·8	+0·9	2	0	0	2	0	1	0	0	0	0
Meerut	105·2	+2·1	113	27,28	77·9	+2·4	69	11	0·20	0·20	−0·40	0·20	11	1	−0·5	0	4·4	...	1	0	0	0	0	0	0	0	0	0
Roorkee	103·0	+1·2	112	27	73·4	−0·6	67	6	0·11	0·77	+0·01	0·50	10	3	+1·3	7·0	4·6	+1·4	4	0	1	8	0	0	0	0	0	0
DehraDun	98·0	+2·0	105	27,28	70·5	+0·4	61	6	0·31	1·02	−0·43	0·28	11,16	5	+2·0	3·9	2·5	+0·2	8	0	0	6	0	0	0	0	0	0
Punjab (I)																												
New-Delhi	104·7	−0·1	112	27	80·3	+1·5	65	11	0·72	1·10	+0·58	0·42	5	3	+1·4	6·1	4·5	...	4	0	1	5	0	9	0	0	9	0
Hissar	106·5	+1·2	113	5days	76·8	+0·8	65	11	0	1·19	+0·65	1·14	11	1	−0·4	5·9	5·0	0	2	0	0	2	0	0	0	0	0	0
Karnal	104·6	...	113	27,28	76·5	...	68	11	0	0·34	...	0·34	11	1	...	4·3	3·7	...	1	0	0	1	0	4	0	0	0	0
Ambala	107·2	+3·3	116	27,28	76·6	+0·8	70	4	0	0·79	+0·06	0·63	30	3	+0·5	6·2	5·5	+1·8	3	0	0	0	0	0	0	0	0	0
Patiala	106·2	...	116	27	76·7	...	71	8	0	0·02	−0·23	0·02	10	0	...	8·0	5·5	...	1	0	0	1	0	1	0	0	0	0
Ludhiana	106·7	+2·6	117	28	74·3	−1·4	67	5,6	0·50	0·94	−0·41	0·50	5	2	+0·5	1·0	0·8	−1·4	2	0	0	3	0	0	0	0	0	0
Ferozepur	105·6	...	115	27,28	73·5	...	66	5,6	0·05	0·09	...	0·05	11	0	...	...	...	...	2	0	0	2	0	0	0	0	0	0
Amritsar	104·5	...	114	28	71·5	...	64	6	0·04	0·32	..	0·23	11	1	...	6·6	8·2 (b)	...	3	0	0	1	0	6	0	0	0	0
Pathankot	102·3	...	112	27,28	73·9	...	63	6	0·78	1·06	...	0·96	5	2	...	4·5	3·7	...	2	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	73·8	−3·2	87	27	52·7	+1·8	47	1,4	0·53	2·77	+0·39	0·91	5	7	+1·6	1·8	2·0	−0·8	13	0	0	8	0	1	0	0	0	0
Gulmarg	...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg	...	...	...	...	...	...	...	...	...	8·04	+2·58	1·87	14	12	+2·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	57·1	−6·6	67	38	36·4	−0·7	30	15	0·28	0·97	−0·75	0·40	15	3	−2·7	5·7	4·7	+1·9	6	2	1	2	0	0	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez	...	...	...	...	...	...	...	...	...	3·64	−0·84	0·72	8	10	+0·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	101·8	+1·9	110	27,28	77·5	−0·7	67	5	...	0·30	−0·63	0·16	15	1	−1·2	...	...	...	3	0	0	1	0	0	0	0	0	0

(R) Register not received. (b) Mean of 29 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar	107·1	−0·6	116	27	78·4	+3·4	70	12	0	0·50	+0·27	0·40	10	2	+1·2	4·6	2·3	−4·4	2	0	0	0	0	7	0	0	0	0
Bikaner	108·8	+1·1	115	25	81·7	0	72	6	0	0·25	−0·34	0·25	1	1	−0·3	9·3	4·6	−1·7	1	0	0	0	0	3	0	0	0	0
Jaisalmer	108·1	...	113	6days	80·6	...	73	31	0·14	0·31	...	0·17	9	2	...	12·9	11·2	...	2	0	0	0	0	3	0	0	0	0
Jodhpur	108·1	+2·5	114	24	83·0	+3·6	75	1	0	0·05	−0·36	0·05	20	0	−1·1	8·1	6·4	−4·3	1	0	0	1	0	1	0	0	0	0
Phalodi	106·8	...	114	24	82·9	...	78	5,6	0	0	−0·35	0	...	0	−0·8	12·6	10·8	...	0	0	0	2	0	3	0	0	0	0
Barmer	109·1	+2·7	116	24	83·2	+3·2	78	1,10	0	0	−0·35	0	...	0	−0·7	7·8	8·3	+1·4	0	0	0	1	0	1	0	0	0	0
Rajasthan, East																												
Sikar	104·8	...	110	23,27, 30	77·9	...	66	12	0	0·10	...	0·10	4	1	...	8·1	6·1	...	1	0	0	1	0	0	0	0	0	0
Jaipur	107·0	+1·4	113	26	81·2	+4·3	71	12	0·03	0·03	−0·54	0·03	18	0	...	7·0	5·4	0	1	0	0	3	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome)	107·0	...	112	25,26, 27	81·8	...	72	12	0	0	...	0	...	0	...	12·0	9·9	...	0	0	0	3	0	5	0	0	0	0
Ajmer	104·9	+2·0	110	24	83·9	+3·7	73	1	0	0·08	−0·56	0·08	20	0	−1·5	10·7	8·4	−1·9	1	0	0	1	0	1	0	0	0	0
Kotah	110·2	+2·6	115	26	88·9	+4·4	82	1	0	0	−0·47	0	...	0	...	4·5	6·2	+2·1	0	0	0	0	0	0	0	0	0	0
Jhalawar	109·3	+2·3	114	25	84·9	+4·5	78	2	0	0	−0·35	0	...	0	−0·9	6·8	6·0	−0·8	0	0	0	0	0	0	0	0	0	0
Udaipur	102·0	−0·5	108	24	80·5	+1·7	73	5	0	0	−0·72	0	...	0	−1·5	5·6	4·5	...	0	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.)	109·8 (f)	...	117	26	83·5 (f)	...	76	13	0·01	0·17	...	0·16	1	1	...	7·1 (f)	5·0 (f)	...	1	0	0	4	0	0	0	0	0	0
Sheopur Kalan	110·2	...	...	...	83·4	...	...	...	0	0	...	0	...	0	...	6·6	4·0	...	0	0	0	0	0	0	0	0	0	0
Guna	108·7	+2·4	113	25,26, 27	81·8	+4·3	74	7	0	0	−0·54	0	...	0	−1·2	10·2	6·8	+1·2	0	0	0	0	0	0	0	0	0	0
Neemuch	106·0	+2·6	111	25,26	81·4	+4·0	75	1	0	0·03	−0·56	0·03	19	0	−1·2	10·3	8·9	+0·6	1	0	0	1	0	0	0	0	0	0
Ratlam	103·7	...	107	22,23	79·7	...	76	1	0	0	...	0	...	0	...	10·0	7·7	...	0	0	0	0	0	0	0	0	0	0
Indore	104·7	+0·5	108	26	78·0	+3·5	72	1·5	0	0	−0·51	0	...	0	−1·3	12·2	11·3	−0·2	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh)	107·2	+2·5	111	26	81·5	+2·5	71	1	0	0	−0·57	0	...	0	−1·2	11·0	10·3	+1·8	0	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong	110·7	+3·2	116	26,27	81·9	+2·5	69	5	0·08	0·08	−0·29	0·08	22	0	−1·0	5·9	3·7	+0·9	1	0	0	0	0	0	0	0	0	0
Sutna	110·4	+4·6	115	27,28	85·8	+6·0	76	2,8	0·06	0·06	−0·41	0·06	23	0	−1·3	6·3	4·5	0	1	0	0	1	0	0	0	0	0	0
Umaria	108·4	+2·9	114	28	80·9	+1·9	71	9	0	0	−0·43	0	...	0	−0·7	5·6	3·2	−0·3	0	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia	109·1	...	113	4days	85·8	...	77	1	0	0	...	0	...	0	...	4·9	3·4	...	0	0	0	0	0	1	0	0	0	0
Pendra	103·3	+3·0	109	28	81·1	+3·8	77	13,14, 23	0·24	0·24	−0·60	0·16	19	1	−1·1	9·4	5·6	+0·8	2	0	0	3	0	0	0	0	0	2
Raigarh	108·9	...	113	4,10	83·8	...	79	13,23	0	0·36	...	0·21	29	2	...	5·1	4·8	...	2	0	0	0	0	0	0	0	0	0
Ambikapur	103·2	...	107	28	77·9	...	72	14	0·03	0·45	...	0·31	21	2	...	8·0	6·7	...	3	0	0	10	0	0	0	0	0	0
Champa	109·3	...	113	10,28	85·6	...	77	23	0	0·52	...	0·52	23	1	...	6·8	6·0	...	1	0	0	6	0	6	0	0	0	0
Raipur	108·6	+1·3	112	5days	86·0	+3·9	82	1,23	0·11	0·18	−0·71	0·10	6	1	−1·1	7·7	7·2	+0·1	3	0	1	1	2	1	0	0	0	0
Kanker	106·0	+1·6	110	29	85·5	+6·2	79	5	0	0	−1·49	0	...	0	−2·7	8·4	6·7	+2·2	0	0	0	2	0	0	0	0	0	0
Chanda	110·8	+1·4	114	4days	86·7	+4·6	79	6	0	0	−0·61	0	...	0	−1·4	6·3	3·8	−0·2	0	0	0	1	0	0	0	0	0	0
Sironcha	108·9	...	113	19,28	86·3	...	82	24	0	0·44	...	0·41	24	1	...	6·0	5·1	...	2	0	3	0	0	0	0	0	0	0
Jagdalpur (P.B.O.)	99·9	−1·0	107	19	75·8	+0·2	70	4	1·61	2·29	−0·07	0·78	8	5	+0·2	6·6	4·6	...	7	0	13	0	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana	102·3	...	106	9,13	79·8	...	74	1	0	0·17	...	0·12	25	1	...	10·7	11·0	...	2	0	0	0	0	0	0	0	0	0
Akola	109·1	+0·9	112	4days	83·8	+2·5	78	24	0·30	0·32	−0·09	0·30	24	1	0	8·0	7·9	+0·6	2	0	0	2	0	1	0	0	0	0
Amravati	109·3	+1·7	112	12,13	82·9	+2·2	79	1,7	0	0·07	−0·45	0·06	28	0	−1·3	9·4	7·6	+1·8	2	0	0	3	0	0	0	0	0	0
Yeotmal	108·8	...	112	12,13, 18	82·7	...	76	1	0·14	0·23	...	0·18	27	1	...	11·2	10·7	...	3	0	0	0	0	0	0	0	0	0
Khandwa	108·6	+1·7	111	5days	83·6	+2·5	78	1	0	0	−0·31	0	...	0	−0·7	11·7	10·5	+2·5	0	0	0	1	0	0	0	0	0	0
Hoshangabad	109·9	+3·0	114	26	83·9	+2·9	76	1	0	0	−0·49	0	...	0	−1·2	5·2	4·0	+0·8	0	0	0	2	0	0	0	0	0	0
Sagar	106·8	+2·2	111	26,27, 29	83·7	+4·4	79	1	0	0	−0·42	0	...	0	−1·1	...	...	...	0	0	0	0	0	2	0	0	0	0
Jabalpur	109·5	+4·1	114	27,28	82·3	+5·0	73	7	0	0	−0·62	0	...	0	−1·4	7·2	4·6	+1·6	0	0	0	1	0	0	0	0	0	0
Mandla	107·7	...	113	28	77·3	...	68	1	0	0	...	0	...	0	...	6·3	3·6	...	0	0	0	3	0	1	0	0	0	0
Seoni	106·2	+2·6	109	4days	80·3	+4·0	71	6	0·10	0·13	−0·53	0·13	22	1	−0·7	3·3	4·2	+0·4	1	0	0	2	0	0	0	0	0	0
Chhindwara	104·0	...	107	26,27, 28	81·0	...	75	1,2,6	0·22	0·30	...	0·22	22	1	...	8·8	5·9	...	2	0	0	2	0	0	0	0	0	0
Betul	104·1	...	107	26	77·8	...	71	1	0·06	0·11	...	0·05	27	0	...	7·4	4·9	...	3	0	0	3	0	0	0	0	0	0
Nagpur	110·9	+2·2	115	27,29, 30	85·6	+4·7	78	4days	0	0	−0·76	0	...	0	−2·0	8·4	6·4	...	0	0	0	1	0	0	0	2	0	0

(f) Mean of 25 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa	107·7	...	113	23	80·2	...	77	4 days	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat	98·4	+1·1	109	8,13	81·1	+2·2	74	6	0	0	−0·24	0	...	0	−0·3	8·2	7·7	+1·1	0	0	0	0	0	0	0	0	0	0
Ahmedabad	108·6	+1·8	112	28,29	80·7	+2·0	76	4,9	0	0	−0·39	0	...	0	−0·7	6·9	6·1	+0·3	0	0	0	0	0	0	0	0	0	0
Dohad	104·0	+1·0	109	13	79·9	+1·2	78	8 days	0	0	−0·66	0	...	0	−0·5	14·3	17·7	+9·2	0	0	0	0	0	0	0	0	0	0
Baroda	106·9	+2·3	112	8	80·7	+3·0	75	11	0	0	−0·20	0	...	0	−0·5	6·1	5·5	0	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome)	105·8	...	110	8,11,12	81·4	...	72	11	0	0	...	0	...	0	...	7·9	8·8	...	0	0	0	0	0	0	0	0	0	0
Broach	104·0	...	112	11	81·7	...	78	11	0	0	...	0	...	0	...	8·3	8·1	...	0	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj	103·2	+3·3	109	8,23	78·8	+2·0	73	6	0	0	−0·26	0	...	0	−0·3	11·6	10·5	−0·4	0	0	0	1	0	0	0	0	0	0
Bhuj (P.B.O.)	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	8·8	7·8	...	0	0	0	1	0	0	0	0	0	0
Dwarka	88·9	+0·9	92	15	81·9	+1·3	80	1,2	0	0	−0·02	0	...	0	−0·1	12·2	12·4	+1·0	0	0	0	0	0	0	0	0	0	0
Jamnagar	99·9	+2·9	106	28	78·5	+1·8	71	7,15	0	0	−0·30	0	...	0	−0·3	...	...	...	0	0	0	0	1	0	0	0	0	0
Rajkot	106·3	+1·9	110	15,28, 29	78·0	+3·3	74	5,13	0	0	−0·50	0	...	0	−0·6	16·4	15·7	+4·4	0	0	0	2	0	0	0	0	0	0
Rajkot (Aerodrome)	106·2	...	109	4 days	77·6	...	73	13	...	0·39	...	0·39	22	1	...	...	17·3	...	1	0	0	1	0	0	0	0	0	0
Veraval	88·9	...	96	7	79·8	...	74	1,8	0	0	−0·28	0	...	0	−0·3	12·8	11·4	+3·1	0	0	0	0	2	0	0	0	0	0
Bhavnagar	107·8	+2·6	113	12	80·3	+2·2	76	1	0	0	−0·41	0	...	0	−0·7	8·3	8·5	+1·3	0	0	0	1	0	0	0	0	0	0
Bhavnagar (Aerodrome)	104·8	...	111	11	79·9	...	73	1,9	...	0	...	0	...	0	...	...	16·3	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu	92·1	...	96	13	81·5 (i)	...	...	...	0	0	...	0	...	0	...	12·7	10·7	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba)	92·7	+1·3	94	6 days	81·5	+1·9	78	1,3	0	0	−0·65	0	...	0	−0·8	8·1	6·7	0	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome)	91·7	+1·4	95	6	79·4	+2·2	73	1	0	0	−0·65	0	...	0	−0·8	...	...	...	0	0	0	0	0	0	0	0	0	0
Alibag	90·3	+1·4	94	30	80·4	+1·3	75	1	...	0·03	−1·01	0·02	23	0	−0·8	...	7·6	−0·7	2	0	0	0	0	0	0	0	0	0
Harnai	87·8	...	91	15,16	81·7	...	77	23	1·06	1·29	...	0·90	23	3	...	10·7	9·7	...	3	0	0	0	0	0	0	0	0	0
Ratnagiri	91·7	...	95	31	80·8	...	57	2	0·04	0·21	...	0·09	24	0	...	...	...	...	4	0	0	0	0	0	0	0	0	0
Devgad	91·3	...	95	16	82·4	...	74	23	0·75	0·65	...	0·24	26	3	...	10·2	10·6	...	5	0	0	0	0	0	0	0	0	0
Vengurla	90·9	...	95	13	79·7	...	76	24	1·30	2·46	...	0·87	24	4	...	...	...	...	7	0	0	5	0	0	0	0	0	0
Marmagao	88·9	+0·6	91	5 days	81·5	+1·1	76	26	2·36	4·96	+1·72	1·64	30	6	+4·0	9·8	8·5	+1·3	6	0	0	6	0	0	0	0	0	0
Honavar	90·9	...	94	5 days	79·3	...	73	26	0·74	3·92	+0·50	2·42	13	6	+2·1	5·2	3·8	...	10	0	0	1	0	0	0	0	0	0
Deccan (Desh)																												
Khandala	...	...	...	...	...	...	...	...	...	0·09	−0·70	0·09	25	0	−1·3	...	...	...	1	...	...	...	...	...	...	...	...	...
Jalgaon	110·4	...	114	8,13	82·4	...	76	1	0	0·10	−0·31	0·10	23	1	+0·1	16·0	15·7	...	1	0	0	2	0	0	0	0	0	0
Malegaon	106·1	+1·1	109	8,10,13	76·8	+1·7	68	1	0	0·03	−0·70	0·03	24	0	−1·2	8·0	7·5	−1·2	1	0	0	0	0	0	0	0	0	0
Deolali	99·5	...	106	13	73·0	...	64	1	...	0	...	0	...	0	...	...	10·2	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar	103·1	+1·2	107	11,12, 13	75·0	+2·9	71	1,14,20	0	1·10	+0·19	1·10	24	1	−0·6	8·3	7·1	−0·7	1	0	0	0	0	0	0	0	0	0
Poona	99·4	+0·6	106	12	73·1	+0·7	67	1	0	1·29	+0·23	1·29	25	1	−0·7	5·3	3·8	−5·3	1	0	0	1	0	0	0	0	1	0
Poona (Lohagaon Aerodrome)	100·2	...	107	12	72·5	...	67	1,16	0	1·22	...	1·02	25	2	...	...	...	...	2	0	0	1	0	0	0	0	0	0
Jeur	104·4	...	109	12,13, 14	75·9	...	69	1	0·34	1·56	...	0·62	26	3	...	11·0	11·2	...	4	0	0	4	0	0	0	0	0	0
Sholapur	104·8	+0·1	111	12,13	78·2	+1·2	69	24,25	0	2·99	+2·10	2·21	24	3	+1·1	10·0	8·3	+0·1	4	0	0	1	0	0	0	0	0	0
Miraj	98·6	−0·6	105	6,7,13	73·9 (b)	+1·4	69	26	0	1·36	−0·53	1·02	25	2	−0·9	10·9	10·6	+2·5	4	0	0	3	0	0	0	0	0	0
Kolhapur	96·6	...	105	12,13	73·9	...	...	...	0·17	0·77	...	0·57	25	2	...	12·0	11·4	...	5	0	0	4	0	0	0	0	0	0
Bijapur	101·2	−0·4	108	12,13	75·7	+1·2	70	24,26	0	3·18	+2·06	1·68	24	5	+2·8	8·2	8·2	+1·4	5	0	0	1	0	4	0	0	0	0
Belgaum *	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag	96·4	−1·9	105	2,6	73·2	+0·6	66	2	1·42	3·77	+1·68	1·64	2	4	−0·1	8·6	9·6	+1·1	5	0	0	6	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad	104·7	+1·2	108	12,13	78·1	+2·3	72	23	0	0·90	+0·18	0·85	23	1	−0·3	12·6	12·9	+3·0	2	0	0	2	0	3	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	104·1	...	107	9,12,13	76·3	...	68	1	0	0·40	...	0·39	23	1	...	12·5	12·1	...	2	0	0	1	0	0	0	0	0	0
Parbhani	108·7	...	112	12,13, 14	80·1	...	75	1	0·05	0·45	−0·31	0·18	26	3	+1·6	...	...	...	4	0	0	5	0	1	0	0	0	0
Ramagundam	110·3	...	114	4 days	86·6	...	81	29	0	0·08	...	0·08	29	0	...	6·0	6·0	...	1	0	0	0	0	1	0	0	0	0
Nizamabad	107·8	+1·2	112	13	81·1	−0·3	73	22,27	1·01	1·39	+0·71	0·65	26	3	+1·6	5·6	4·3	0	4	0	0	2	0	0	0	0	0	0
Bidar	101·8	−0·4	107	13	79·7	+1·5	70	23,24	0·63	1·69	+0·77	0·89	24	3	+0·6	9·9	9·6	+1·7	4	0	0	0	0	0	0	0	0	0

(i) Mean of 22 days. * Data not reliable. (b) Mean of 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga	102·4	−2·5	110	10,17	79·8	+1·2	68	25	2·83	9·53	+8·41	4·91	24	4	+1·6	14·0	11·7 (l)	+3·4	4	0	0	0	0	0	0	0	0	0
Raichur	100·8	−2 9	109	17,18	80·4	+1·3	71	24	1·06	5·57	+4·50	3·46	23	4	+1·7	10·9	10·8	+2·6	5	0	0	5	0	0	0	0	0	0
Hyderabad (Nizamiah)	102·8	−0·3	109	18	80·2	+0·5	70	27	0·10	3·58	+2·49	1·95	24	5	+2·7	8·8	7·5 (d)	+1·1	7	0	0	9	0	0	0	7	0	0
Hyderabad (Begumpet Aerodrome)	101·2	...	107	13,18	79·3	...	68	27	0·13	3·23	...	1·71	24	6	...	8·1	6·8	...	9	0	0	10	0	0	0	0	0	0
Hanamkonda	103·4	−1·1	112	20	83·0	+1·3	77	25	0·45	0·96	−0·26	0·35	7	4	+2·0	7·0	8·8	+2·3	6	0	0	6	0	2	0	0	0	0
Khammameth	104·8	...	111	16,18	82·3	...	76	6	0·31	1·03	...	0·56	6	3	...	6·7	7·0	...	5	0	0	5	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore	99·9	−4·3	111	16,18	80·5	−1·3	72	22	7·82	14·86	+13·77	7·32	22	6	+4·6	4·9	3·8	−1·8	9	0	0	4	0	0	0	2	0	0
Ongole	98·0	...	110	16	81·4	...	74	21,23, 24	2·27	8·45	...	3·51	23	4	...	9·4	7·5 (b)	...	7	0	0	5	0	0	0	0	0	0
Gannavaram	101·7	...	110	16	81·4	...	72	21	1·47	2·57	...	1·28	24	5	...	12·7	11·7	...	6	0	0	5	0	0	0	0	0	0
Masulipatam	95·8	−3·7	108	16	82·1	+0·4	75	25	0·66	3·43	+2·11	1·14	25	7	+5·0	13·2	11·3	+4·7	8	0	0	3	0	0	0	0	0	0
Kakinada	96·3	−2·9	103	5	82·1	+0·4	77	23	2·12	4·97	+3·43	2·21	22	4	+1·5	11·5	9·4	+3·7	5	0	0	2	0	0	0	0	0	0
Visakhapatnam	95·6	−1·9	104	12	82·1	+0·9	77	22	1·71	4·60	+2·60	2·24	22	5	+2·3	13·1	9·9	+1·3	6	0	0	7	0	0	0	0	0	0
Calingapatam	90·8	−3·5	95	28	80·5	−0·2	74	8	1·45	2·87	+0·31	1·30	23	6	+2·8	13·4	10·8	+3·1	8	0	0	5	0	0	0	0	0	0
Rentachintala	104·6	+2·3	113	18	83·3	−0·9	73	22	0·77	3·83	+1·31	1·48	22	5	+2·2	7·9	7·5	−0·4	5	0	0	5	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram	93·2	...	100	6 days	75·2	...	67	23	0·79	2·42	...	0·77	22	4	...	10·1	8·3	...	4	0	0	1	0	0	0	0	0	0
Cuddapah	101·3	−4·3	111	1,2,17	83·5	+0·3	70	23,24	2·33	9·23	+7·72	3·80	23	7	+4·4	3·7	2·7	−3·4	9	0	0	0	0	0	0	0	0	0
Bellary	97·8	−4·3	106	13	78·7	+1·0	71	25,26	0·65	3·65	+1·76	1·95	25	7	+3·7	7·8	7·5	+1·5	9	0	0	7	0	0	0	0	0	0
Kurnool	100·3	−4·2	110	17	80·3	−0·7	70	23	6·84	15·05	+13·92	6·52	23	5	+2·5	10·3	10·5	+3·7	5	0	0	4	0	0	0	0	0	0
Anantapur	98·9	...	107	4 days	78·9	...	71	23,29	1·10	3·21	+1·17	1·46	23	4	+0·3	10·2	10·3	...	7	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai	100·2	...	107	10	81 8	...	79	29	0·41	0·41	−1·22	0·41	17	1	−1·5	9·8	7·2	...	1	0	0	1	0	0	0	0	0	0
Pamban	90·1	−1·6	92	16	83·2	+2·1	77	21	0·24	0·63	−0·34	0·59	21	1	−0·7	12·2	12·1	+3·0	2	0	0	0	0	0	0	0	0	0
Mathurai	101·4	+2·6	106	16	80·1	+2·1	70	21	0·65	1·06	−1·68	0·59	21	2	−2·7	5·1	4·3	0	5	0	0	5	0	0	0	0	0	0
Nagapattinam	96·7	−0·6	105	19	81·8	+1·1	72	21	0	0·22	−1·35	0·22	21	1	−0·8	9·8	7·8	+1·4	1	0	0	0	0	0	0	0	0	0
Tiruchirapalli	101·2	+0·7	105	5,17,19	81·5	+2·3	76	21	0	0·44	−2·87	0·30	21	2	−2·1	14·0	13·0	+3·4	3	0	0	2	0	0	0	0	0	0
Coimbatore	92·8	−1·6	103	10	76·5	+2·9	73	26	0·28	0·36	−2·11	0·32	17	1	−3·5	9·9	8·4	+4·6	2	0	0	3	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome)	95·9	...	103	10	75·5	...	70	23	0·74	0·89	...	0·63	17	3	...	16·1	15·6	...	3	0	0	8	0	0	0	2	0	0
Salem	100·0	+0·7	105	3,10,11	79·9	+2·9	74	29	1·21	2·53	−2·07	1·38	29	6	−1·1	4·5	6·1	+2·5	8	0	0	7	0	0	0	0	0	0
Kallakurichi	101·6	...	108	16,17, 18	81·1	...	73	21	0·05	2·28	...	1·48	28	3	...	...	...	...	5	0	0	7	0	0	0	0	0	0
Cuddalore	95·8	−2·0	106	18	81·1	+0·7	75	21,22	0·63	1·05	+0·05	0·62	22	3	+1·7	8·6	8·0	+2·7	3	0	0	1	0	0	0	0	0	0
Vellore	100·2	−1·6	108	14	80·4	+1·4	74	22	1·17	3·95	+1·66	1·32	22	6	+2·2	6·5	5·8	+2·0	7	0	0	7	0	0	0	0	0	0
Madras	97·3	−4·0	106	17,18	81·0	−0·7	71	19	4·52	15·33	+14·30	7·51	22	3	−1·9	14·5	11·9	+3·1	4	4	0	0	0	0	0	3	0	0
Madras (Nungambakkam)	94·6	...	105	18	81·0	...	70	21	...	18·54	...	9·62	22	3	...	...	6·7	...	3	0	0	3	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore	90·1	−0·7	93	7,12,13	80·2	+1·4	73	4	0·47	4·40	−1·78	1·62	29	9	+2·3	6·9	6·1	+0·6	16	0	0	8	0	0	0	0	0	0
Kozhikode	91·9	+1·8	97	7	78·5	+0·3	73	13,29	0·83	6·79	−2·49	2·84	13	11	+2·3	8·2	8·0	+1·0	17	0	0	12	0	0	0	0	0	0
Palghat	95·3	...	103	10	78·3	...	70	29	0·81	2·27	...	0·61	23	6	...	9·7	7·8	...	10	0	0	3	0	0	0	0	0	0
Mysore.																												
Chitaldrug	92·3	−2·5	100	6 days	69·4	−2·5	68	25	0·27	2·41	−0·53	0·98	29	6	+1·6	8·1	7·7	+1·6	8	0	0	4	0	0	0	0	0	0
Shimoga	91·5	...	100	1	73·2	...	69	6,8,29	1·50	3·02	...	0·88	8	7	...	5·7	4·7	...	9	0	0	5	0	0	0	0	0	0
Hassan	87·6	−1·8	95	12,18	69·5	+1·9	63	25	0·74	2·31	−2·31	0·95	4	6	−1·2	8·8	8·4	+3·1	9	0	0	3	0	0	0	0	0	0
Bangalore (Central Observatory)	89·8	−1·4	97	1,13	70·9	+2·0	65	25,26	0·70	3·65	−0·51	0·92	31	7	+0·4	11·4	8·2	+2·7	14	0	0	6	0	0	0	0	0	0
Bangalore (Aerodrome)	90·5	...	97	3,12	70·3	...	65	25,26	4·04	7·42	...	2·70	4	8	...	...	...	...	14	0	0	10	0	0	0	0	0	0
Mysore	90·7	−1·2	98	13	71·7	+1·8	66	15	0·56	4·00	−1·59	1·40	29	7	−0·9	8·3	7·2	+1·1	9	0	0	6	0	0	0	0	0	0
Balehonnur	84·0	−0·6	91	7,10	66·0	−1·1	60	5,8	...	2·55	−1·60	0·56	6	8	+3·0	...	...	...	13	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin	88·2	+0·7	92	3,7	79·2	+1·0	74	25	4·05	11·57	−0·11	2·52	29	15	+2·7	8·5	7·0	+1·7	19	0	0	14	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome)	89·2	...	92	6 days	78·1	...	73	3,15	4·70	11·86	...	2·94	29	16	...	...	...	...	17	0	0	9	0	0	0	0	0	0
Alleppey	90·1	...	94	11,13	78·8	...	74	25,30	4·34	12·25	...	1·85	20,25	18	...	10·7	9·1	...	25	0	0	12	0	0	0	0	0	0
Trivandrum	88·2	−1·3	94	5	77·3	−0·2	73	29	·11	12·94	+4·16	1·77	27	16	+5·9	7·5	5·4	+0·3	19	0	0	17	0	0	0	0	0	0
Nagercoil	91·0	...	98	5	78·9	...	74	25	6·47	9·20	.	2·87	28	10	...	11·9	9·3	...	13	0	0	8	0	0	0	0	0	0

(l) Mean of 19 days. (d) Mean of 27 days. (b) Mean of 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	79·4	...	85	19	64·7	...	56	2	3·75	9·68	...	2·09	2	13	...	6·6	6·7	...	19	0	1	13	6	0	0	0	0	0
Shillong ...	73·4	−0·6	77	20,25	59·3	+0·2	54	2,6	10·45	17·96	+6·67	2·07	30	27	+9·7	1·1	1·0	−2·7	29	0	0	19	0	0	0	0	0	0
Cherrapunji ...	71·7	−0·4	76	21	60·1	−0·9	53	2	9·51	51·78	+1·34	6·99	29	27	+5·0	9·1	8·1	+2·6	30	0	0	22	12	0	0	0	0	0
Darjiling ...	63·8	+0·9	69	31	52·6	+0·2	47	7,9	3·56	8·71	−0·92	1·16	28	16	+1·6	7·1	6·3	+1·5	23	0	0	10	23	0	0	0	0	0
Darjiling (Raj Bhawan) ...	64·2	...	69	25	54·5	...	49	7,8,9	1·94	6·02	...	0·78	28	15	...	2·1	2·0	...	19	0	0	0	31	0	0	0	0	0
Kalimpong ...	73·6	−1·0	78	25	63·2	+0·5	58	8	1·01	4·80	−1·47	0·80	31	9	−2·8	3·2	2·5	−4·3	12	0	0	0	0	0	0	0	0	0
Katmandu ...	84·5	−0·8	89	4 days	59·4	−1·0	53	2,6	3·77	4·53	−0·57	0·63	28	14	+3·5	2·2	1·1	−0·3	21	0	1	24	0	0	0	0	0	0
Mukteswar (Kumaon) ...	73·7	+0·6	80	28	56·8	+1·0	46	6	3·58	4·14	+1·84	2·72	16	6	+0·9	13·9	10·9	+3·9	9	0	0	12	0	0	0	0	0	0
Lokpal ...	...	...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	2·47	...	0·60	10	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	76·4	−0·1	83	24	60·0	+1·4	50	10	1·03	1·61	−0·06	0·66	5	4	−0·3	5·4	4·2	−1·8	9	0	0	9	0	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	2·33	...	0·71	10	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	2·52	...	0·90	12	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	74·3	+1·1	84	27	59·8	+2·1	49	5	0·86	1·61	−0·92	0·50	5	6	+0·8	2·7	2·5	−1·3	8	0	0	7	0	1	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	0·44	−1·50	0·12	11,30	4	+0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	4·22	+1·99	1·10	16	9	+3·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	4·96	...	1·28	15	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	7·74	...	2·10	10	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	5·68	...	1·55	16	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	80·3	...	92	28	59·3	...	48	6	0·18	1·58	−0·54	1·25	10	3	−1·2	4·0	5·6	...	3	0	0	1	0	0	0	0	0	0
Dharamshala ...	87·8	...	98	28	71·8	...	61	5	1·33	2·19	...	0·59	16	6	...	...	...	...	8	0	0	7	0	0	0	0	0	0
Pachmarhi ...	98·6	+2·8	103	26	78·6	+3·5	70	7	0·04	0·12	−0·50	0·12	23	1	−0·6	5·3	4·5	−0·8	1	0	0	1	0	0	0	0	0	0
Abu ...	91·0	+3·1	98	23	74·6	+3·5	71	4 days	0	0	−0·93	0	...	0	−1·3	4·1	6·2	−1·1	0	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	83·0	−0·8	92	12	65·4	+0·6	61	20,21	0·05	1·44	−0·16	1·05	23	3	+0·6	7·5	8·1	−0·4	4	0	0	0	7	0	0	0	0	0
Nandi Hills ...	81·9	...	89	12,13	63·8	...	59	25 27	...	1·41	...	0·51	25	5	...	...	...	...	8	0	0	0	0	0	0	0	0	0
Mercara ...	78·5	−1·6	86	7	65·8	+1·3	61	16	0·96	4·53	−0·68	1·50	13	7	−1·5	7·6	7·0	+3·2	10	0	0	5	0	0	0	0	0	0
Kodaikanal ...	69·1	+0·7	73	13,19	55·5	+0·8	53	6 days	2·30	2·66	−3·71	1·16	29	5	−5·6	10·7	10·8	+3·7	9	0	0	3	0	0	0	0	0	0
Ootacamund ...	71·7	+1·3	77	8,12	53·9	+1·4	49	5	1·28	1·05	−5·24	0·57	29	3	−9·0	5·1	4·3	+1·6	7	0	0	7	0	0	0	0	0	0
Coonoor ...	75·7	−0·6	81	18	60·3	+1·3	56	11	...	0·39	−3·78	0·22	29	1	−6·7	...	5·6	+2·3	5	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	0·99	...	0·30	10	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	5·42	...	0·82	2	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	...	...	...	...	...	3·38	...	1·03	3	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	62·8	+2·0	69	31	39·4	−2·9	34	6,8	...	1·95	−2·11	0·50	24	10	−1·0	...	...	...	10	0	0	0	0	0	0	0	0	0
Lhasa ...	70·1	...	81	24	42·0	...	34	3	...	0·68	...	0·34	28	3	...	...	0·5	...	3	0	0	0	0	0	0	0	0	0
Gyantse ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ceylon																												
Colombo ...	87·5	−0·2	90	14,15	77·9	+0·3	74	25	4·16	11·94	−1·30	2·35	25	18	+3·9	...	...	...	25	0	0	5	0	0	0	0	0	0
Trincomalee ...	92·1	−1·1	97	4 days	79·7	+1·4	73	20	2·36	2·36	−0·32	1·62	20	4	+0·6	...	...	...	5	0	0	2	0	0	0	0	0	0
Batticoloa ...	91·0	...	95	23,26·27	78·2	...	72	20	0·79	0·79	...	0·79	20	1	...	...	...	...	1	0	0	2	0	0	0	0	0	0
Hambantota ...	86·9	+0·1	92	20	77·5	+0·2	74	12,22	2·42	6·01	+1·36	1·92	22	10	+3·2	...	...	...	14	0	0	2	0	0	0	0	0	0
Mannar ...	91·3	...	93	9 days	81·5	...	78	2,6,20	0·57	0·57	...	0·57	20	1	...	...	...	...	1	0	0	3	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	101·5	...	109	4	77·6	...	68	12	1·70	2·55	...	1·01	16	5	...	7·3	5 7	...	10	0	1	16	0	3	0	0	0	0
Hazaribagh ...	98·1	...	104	4	73·9	...	67	12	4·17	5·19	...	1·52	30	9	...	7·3	5·7	...	11	0	0	14	0	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	104·0	...	111	1,2	79·4	...	72	30	0	2·13	...	0·75	11	4	...	2·8	2·2	...	6	0	0	0	0	0	0	0	0	0
Hirakud ...	106·7	...	111	1,6,10	83·0	...	77	11,13	0·57	0·89	...	0·45	14	3	...	4·2	2·1	...	5	0	0	0	0	0	0	0	0	0
Barkachhar ...	109·0	...	118	28,30·31	83·0	...	74	1	0	0·14	...	0·14	15	1	...	8·0	5·3	...	1	0	0	2	0	0	0	0	0	0
Sonepur ...	107·5	...	112	1	88·7	...	82	6,8	...	0·60	...	0·60	11	1	...	...	6·0	...	1	0	0	0	0	0	0	0	0	0
Ginabahar ...	100·3	...	108	4,10	77·3	...	69	8	...	2·51	...	0·71	18	6	...	...	...	...	8	0	0	0	0	0	0	1	0	0
Jonk ...	110·5	...	113	5 days	86·2	...	80	23	0	0·01	...	0·01	30	0	...	5·6	4·6	...	1	0	0	5	0	3	0	1	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban	79·3	...	88	27	54·6	...	47	7	...	2·62	...	0·78	6	4	...	...	...	...	12	0	0	0	0	0	0	0	0	0
Badrinath	55·6	...	57	30, 31	38·6	...	38	8days	...	0·51	...	0·12	16	3	...	...	...	...	6	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
Punasa	110·6	...	114	26	81·9	...	76	5	0	0	...	0	...	0	...	9·0	8·3	...	0	0	0	1	0	0	0	0	0	0
Bagra Tawa	109·3	...	114	26	85·6	...	77	6, 7	0	0	...	0	...	0	...	7·6	4·7	...	0	0	0	0	0	0	0	0	0	0
Thikri	109·0	...	113	14	83·2	...	72	1	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar	105·3	...	110	12, 13	79·6	...	76	1,2	...	0·13	...	0·13	23	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol	101·9	...	106	10,11	77·2	...	71	2, 6	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Dharoi	107·1	...	111	22	...	...	...	...	..	0·31	...	0·31	13	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1006·9	998·0	...	78·2	76·6	75·9	30·7	93	...	6·3	...	6·1	0	2	28	2	0	0	2	5	11	7	3	1
	0830	,,	1008·3	999·5	-0·4	84·7	79·1	76·6	31·6	78	0	6·3	+0·7	8·3	0	4	27	2	1	2	3	4	10	6	3	0
	1130	,,	1007·6	998·8	...	85·3	79·1	76·5	31·5	76	...	6·6	...	9·5	0	9	22	2	1	4	3	7	12	2	0	0
	1730	,,	1006·0	997·1	...	81·5	77·5	75·7	30·4	84	...	6·2	...	6·9	0	2	28	0	1	2	2	3	11	8	3	1
	2330	,,	1007·3	998·4	...	79·2	77·2	76·1	31·0	91	...	4·7	...	7·0	0	4	26	1	1	1	0	6	11	8	2	1
Assam																										
Dibrugarh ...	0830	348	1007·4	995·4	-0·7	78·6	74·3	72·3	26·7	82	- 1	6·5	+1·1	1·9	0	0	27	8	7	5	1	1	1	1	3	4
	1730	,,	1003·7	991·7	...	79·7	74·8	72·6	27·1	80	...	5·0	...	1·0	0	0	14	1	5	4	1	1	1	1	0	17
Dibrugarh(Mohanbari Aerodrome)	0530	364	1005·5	993·8	...	73·3	71·9	71·0	26·0	93	...	6·2	...	1·7	0	0	16	3	9	1	0	1	1	1	0	15
	0830	,,	1007·9	995·3	...	78·5	73·6	71·1	26·0	79	...	6·5	...	2·9	0	0	25	1	18	1	1	2	1	1	0	6
	1130	,,	1006·8	994·3	...	81·3	74·6	71·4	26·5	74	...	6·9	...	4·2	0	0	28	0	17	2	0	2	3	3	1	3
	1730	,,	1004·0	991·6	...	80·0	75·4	71·7	26·7	77	...	5·9	...	1·7	0	0	22	1	12	4	0	0	2	1	2	9
	2330	,,	1005·9	993·3	...	73·9	72·1	71·2	25·8	91	...	4·2	...	0·8	0	0	8	0	7	1	0	0	0	0	0	23
Sibsagar ...	0830	317	1007·9	996·9	0	77·9	74·8	73·2	28·2	86	+ 2	6·8	+0·5	2·2	0	0	30	9	10	1	4	2	3	1	0	1
	1730	,,	1004·0	993·1	...	81·0	75·6	73·3	27·7	77	...	6·0	...	2·2	0	0	24	5	9	1	1	4	1	0	3	7
Tezpur ...	0830	258	1008·1	999·2	+0·1	77·4	74·8	73·7	28·4	89	+ 8	6·0	+0·8	2·0	0	0	27	0	7	15	1	1	0	3	0	4
	1730	,,	1003·2	994·5	...	84·2	77·1	73·9	28·7	72	...	3·7	...	0·9	0	0	13	0	5	4	2	0	0	2	0	18
Tezpur (P.B.O.) ...	0530	257	1006·4	997·4	...	74·0	72·8	72·1	27·3	94	...	6·5	...	1·3	0	0	15	3	4	7	1	0	0	0	0	16
	0830	,,	1007·9	999·0	...	78·4	74·9	73·2	28·0	84	...	6·7	...	3·2	0	0	25	0	6	11	3	1	1	1	0	6
	1130	,,	1006·9	998·0	...	82·6	76·0	72·7	27·8	73	...	5·7	...	2·6	0	0	24	0	8	6	2	4	1	2	1	7
	1730	,,	1003·5	994·7	...	82·4	76·3	73·3	28·3	71	...	3·9	...	1·1	0	0	10	1	0	2	2	2	3	0	0	21
	2330	,,	1005·6	996·6	...	75·5	73·6	72·9	27·3	92	...	4·5	...	1·3	0	0	16	4	6	3	1	1	1	0	0	15
Gauhati ...	0830	182	1007·7	1001·4	+0·6	78·5	71·4	73·0	23·2	84	+ 5	6·3	+1·3	1·9	0	0	27	5	2	5	8	2	2	2	1	4
	1730	,,	1002·2	996·0	...	82·5	76·0	72·9	27·7	73	...	4·3	...	1·5	0	0	20	1	6	1	1	4	2	2	3	11
Gauhati (Kaikuchi... Aerodrome)	0530	162	1005·6	999·9	...	73·7	72·6	72·1	27·0	95	...	6·8	...	2·8	0	0	24	0	6	1	0	8	7	0	2	7
	0830	,,	1007·1	1001·5	...	78·6	74·6	72·7	27·4	83	...	5·8	...	3·9	0	0	29	4	14	3	0	4	1	0	3	2
	1130	,,	1006·0	1000·4	...	83·4	76·4	73·1	27·9	71	...	4·5	...	5·0	0	0	31	4	18	1	0	0	3	2	3	0
	1730	,,	1002·8	997·2	...	82·3	76·4	73·5	28·2	76	...	3·7	...	2·6	0	0	23	2	14	0	0	1	3	1	2	8
	2330	,,	1004·7	999·0	...	76·0	74·3	73·5	28·5	92	...	4·5	...	2·5	0	1	15	2	8	1	0	2	1	0	2	15
Dhubri ...	0830	115	1007·6	1003·6	+0·7	76·8	74·5	73·3	27·8	89	+ 7	6·1	+1·1	6·2	0	2	26	2	15	5	4	0	0	1	1	3
	1730	,,	1003·2	999·3	...	82·3	77·2	74·7	29·7	79	...	5·3	...	3·8	0	1	23	3	11	1	4	0	3	1	1	7
Silchar ...	0830	96	1008·0	1004·7	+0·3	79·0	75·2	73·3	27·8	84	+ 4	5·5	+0·5	0·5	0	0	8	0	2	3	2	0	1	0	0	23
	1730	,,	1003·6	1000·3	...	83·3	76·6	73·4	28·5	73	...	4·2	...	0·2	0	0	3	1	0	0	0	0	1	0	0	28
Tura ...	0830	1,215	1007·3	966·0	...	77·2	72·4	69·5	24·7	78	...	6·3	...	2·7	0	0	25	1	2	2	5	1	5	5	4	6
	1730	,,	1003·3	962·7	...	80·1	75·4	73·2	28·2	80	...	4·8	...	3·9	0	1	26	0	3	1	7	3	10	3	0	4
Lumding ...	0830	...	...	...	...	79·3	74·5	72·1	26·7	79	+ 1	...	...	3·7	0	0	27	5	5	2	10	1	1	2	1	4
	1730	...	...	...	...	83·4	79·3	77·3	32·5	83	...	...	...	3·6	0	0	29	3	4	5	5	0	0	1	11	2
West Bengal																										
Dum Dum ...	0530	33	1003·5	1002·4	...	79·1	76·5	75·6	30·1	89	...	4·3	...	5·3	0	2	27	0	0	5	7	15	2	0	0	2
	0830	,,	1005·0	1003·9	...	86·4	79·4	76·5	31·1	72	...	4·5	...	10·3	0	10	20	0	0	3	4	15	8	0	0	1
	1130	,,	1004·4	1003·3	...	92·1	81·0	75·1	31·2	60	...	4·2	...	12·1	0	13	18	0	0	0	3	3	17	11	0	0
	1730	,,	1001·3	1000·2	...	89·6	80·6	76·6	31·6	66	...	3·7	...	13·5	0	18	13	0	1	0	3	20	6	1	0	0
	2330	,,	1003·7	1002·6	...	81·3	77·5	75·8	30·2	84	...	3·3	...	9·0	0	4	27	1	0	0	8	17	5	0	0	0
Calcutta ...	0830	21	1005·1	1004·4	0	86·8	79·9	77·0	31·6	73	- 1	3·7	-0·5	4·7	0	0	31	0	1	3	5	12	9	1	0	0
	1730	,,	1001·5	1000·8	...	89·6	80·5	77·0	31·6	66	...	3·4	...	5·5	0	0	30	1	0	1	7	13	7	1	0	1
Saugor Island ...	0830	10	1004·9	1004·6	-0·2	86·7	80·7	78·4	33·1	76	+ 1	5·1	+0·1	16·4	0	25	5	0	0	0	1	6	9	14	0	0
	1730	,,	1001·9	1001·6	...	86·7	80·8	78·4	33·1	76	...	4·5	...	18·5	0	26	5	0	0	0	0	8	13	10	0	0
Sandheads ...	0530	32	1003·4	1002·3	...	84·1	80·6	79·2	34·1	85	...	4·7	...	8·4	0	4	27	0	0	0	4	15	11	1	0	0
	0830	,,	1004·9	1003·8	-0·6	85·5	81·3	79·6	34·9	82	+ 3	4·3	+0·5	6·2	0	3	26	0	0	1	5	8	15	1	0	2
	1130	,,	1004·4	1003·3	...	85·2	81·1	79·3	34·5	82	...	4·6	...	8·3	0	4	27	0	1	2	4	10	13	0	0	0
	1730	,,	1001·5	1000·4	...	85·3	81·3	79·8	34·7	84	...	4·9	...	10·9	0	14	17	0	1	0	3	14	14	1	0	0
	2330	,,	1003·7	1002·8	...	84·0	80·2	78·6	33·2	84	...	1·0	...	10·9	0	11	20	1	0	1	4	14	9	1	1	0
Midnapore ...	0830	149	1004·7	999·6	-0·1	87·2	78·8	75·2	29·6	68	- 1	2·7	-0·2	5·7	0	2	25	1	0	0	1	1	16	9	0	3
	1730	,,	1000·8	995·8	...	91·6	79·8	74·8	29·1	59	...	3·2	...	9·6	0	6	25	0	0	0	0	4	23	3	1	0
Contai ...	0830	35	1004·6	1003·4	...	86·3	80·2	77·4	32·6	76	...	2·5	...	11·3	0	11	18	1	0	0	1	5	6	14	2	0
	1730	,,	1001·0	999·8	...	86·3	81·0	78·5	33·4	78	...	2·5	...	13·0	0	12	19	0	0	2	11	11	6	1	0	0
Burdwan ...	0830	106	1004·4	1000·8	-0·4	85·0	78·9	76·1	31·1	75	+ 1	2·3	-2·9	3·5	0	0	31	0	0	2	4	4	13	8	1	0
	1730	,,	1000·2	996·7	...	91·6	79·8	74·6	29·1	60	...	1·9	...	4·7	0	0	30	0	3	6	5	11	5	1	0	0
Krishnagar ...	0830	48	1005·2	1003·5	+0·1	85·4	80·3	78·4	33·2	79	+ 4	4·8	+0·8	4·5	0	0	29	0	0	4	1	23	1	0	0	2
	1730	,,	1001·3	999·7	...	89·7	81·8	79·0	33·3	71	...	4·7	...	2·8	0	0	28	1	0	4	4	17	0	0	1	3
Asansol ...	0530	414	1002·8	988·6	...	78·7	75·2	73·2	28·3	84	...	3·2	...	3·9	0	0	26	0	2	2	16	7	0	0	1	5
	0830	,,	1004·1	990·1	0	86·1	77·2	73·1	27·7	65	+ 2	2·4	-0·7	6·0	0	0	31	0	0	6	15	7	1	0	0	2
	1130	,,	1003·2	989·4	...	93·8	78·8	72·2	26·8	50	...	1·6	...	5·9	0	1	31	0	1	3	18	6	1	0	0	0
	1730	,,	999·6	985·8	...	93·2	77·5	69·5	25·4	49	...	3·5	...	6·6	0	1	29	1	1	6	15	5	0	0	2	1
	2330	,,	1003·0	988·9	...	82·5	75·2	71·5	26·3	70	...	1·5	...	6·1	0	1	26	1	1	1	17	6	0	0	1	4
Berhampore ...	0830	62	1005·1	1002·9	-0·3	84·7	78·3	75·5	30·0	74	+ 1	5·5	+1·1	4·8	0	1	30	1	1	6	5	17	1	0	0	0
	1730	,,	1000·7	998·6	...	89·9	78·5	73·4	28·0	59	...	4·8	...	3·9	0	0	29	0	1	9	3	14	2	0	0	2
Malda ...	0830	103	1005·5	1001·9	+0·1	83·2	76·7	73·6	28·4	73	+ 2	4·9	+1·5	6·6	0	0	31	1	3	13	7	7	0	0	0	0
	1730	,,	1001·2	997·7	...	88·4	77·8	72·8	27·8	61	...	4·1	...	6·6	0	1	30	0	5	15	9	1	0	1	0	0
Cooch-Behar ...	0830	145	1005·7	1000·6	...	78·2	74·5	72·8	27·8	83	...	(b) 5·9	...	(b) 5·5	0	1	25	0	0	16	8	1	0	0	1	3
	1730	,,	1003·1	997·1	...	83·8	76·2	73·0	28·0	74	...	(c) 4·0	...	(c) 3·7	0	0	23	1	0	14	6	2	0	0	0	5

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

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	1007·2	997·7	+0·4	77·1	73·4	71·5	26·7	83	+4	6·3	+3·5	5·1	0	0	30	2	6	20	1	0	1	0	0	1
	1730	,,	1002·7	993·4	...	83·3	75·6	71·8	27·0	69	...	4·5	...	3·7	0	0	31	1	8	14	6	1	1	0	0	0
Jalpaiguri (P.B.O.)..	0530	271	1005·4	995·9	...	73·6	71·9	71·0	26·2	92	...	5·9	...	1·7	0	0	18	6	6	3	2	1	0	0	0	13
	1130	,,	1006·5	997·1	...	82·1	75·8	72·6	27·3	74	...	5·2	...	5·3	0	0	30	2	7	16	5	0	0	0	0	1
	2330	,,	1005·1	995·7	...	75·6	73·3	72·1	26·7	88	...	5·4	...	3·0	0	0	22	4	7	6	0	2	0	1	2	9
Bagdogra ...	0530	416	1004·8	990·4	...	73·6	71·8	70·9	25·5	91	...	5·6	...	2·7	0	0	19	0	6	11	1	0	1	0	0	12
	0830	,,	1006·5 (g)	992·2	...	79·3 (g)	74·2	71·8	26·7 (g)	78 (g)	...	5·6 (g)	...	7·0 (g)	0	0	30	1	5	17	4	1	1	1	0	1
	1130	,,	1006·3 (g)	992·1	...	83·3 (g)	75·6	72·1	27·0 (g)	71 (g)	...	4·5 (g)	...	6·4 (g)	0	2	21	1	2	13	6	1	0	0	0	1
	1730	,,	1002·4	988·3	...	82·2	76·2	72·5	28·1	68	...	3·6	...	3·3	0	0	21	0	3	12	3	2	0	0	1	3
Orissa																										
Balasore ...	0830	65	1004·6	1002·4	−0·1	87·2	79·5	76·3	31·2	71	+1	5·5	+2·0	7·5	0	1	30	0	1	2	5	13	9	1	0	0
	1730	,,	1000·7	998·5	..	88·8	79·9	75·9	30·7	68	...	4·2	...	8·9	0	1	30	0	0	0	13	13	4	0	1	0
Chandbali ..	0830	20	1005·3	1004·6	+0·6	87·6	80·4	77·5	32·5	71	−2	2·1	−2·6	4·0	0	0	29	1	1	1	10	7	9	0	0	2
	1730	,,	1002·5	1001·8	...	87·9	80·0	76·9	31·6	70	...	1·6	...	5·9	0	0	31	1	1	3	22	0	4	0	0	0
Puri ...	0830	20	1005·1	1004·4	−0·1	86·2	81·4	79·3	34·1	80	−1	4·4	+0·6	14·6	0	15	16	0	0	0	7	9	14	1	0	0
	1730	,,	1002·1	1001·4	...	86·1	81·4	79·5	34·8	81	...	3·4	...	16·9 (a)	0	8	23	0	0	1	4	14	12	0	0	0
Bhubaneswar ...	0830	150	1004·8	999·6	...	88·0	81·0	78·0	32·9	73	...	4·6 (a)	...	12·9 (a)	0	14	16	0	0	3	2	6	17	1	1	0
	1130	,,	1003·7	998·6	...	95·4	82·7	77·1	32·7	58	...	2·9	...	14·9	0	17	13	0	0	0	5	3	21	1	0	0
Cuttack ...	0830	87	1004·6	1001·7	−0·6	87·6	79·3	75·8	30·1	68	−2	3·3	−0·6	2·2	0	0	11	0	0	0	0	5	6	0	0	20
	1730	,,	1000·4	997·5	...	93·1	80·4	74·0	30·0	56	...	3·3	...	4·9	0	0	24	0	0	0	2	9	13	0	0	7
Cuttack (P.B.O.) ...	0530	87	1003·2	1000·4	...	82·9	78·8	77·5	31·9	83	...	4·7	...	2·8	0	0	20	0	1	1	6	8	2	2	0	11
	0330	,,	1004·5	1001·7	...	89·5	81·1	78·2	32·3	70	...	4·7	...	4·5	0	0	30	1	1	0	7	11	8	1	1	1
	1130	,,	1003·5	1000·7	...	97·1	81·8	76·6	29·8	54	...	3·0	...	5·4	0	0	30	0	2	0	11	6	7	2	2	1
	1730	,,	1000·7	997·9	...	92·5	80·4	75·5	30·1	60	...	3·1	...	6·3	0	0	31	1	0	0	12	12	6	0	0	0
	2330	,,	1003·3	1000·5	...	84·7	79·7	77·9	32·4	80	...	3·1	...	4·3	0	0	26	0	0	0	11	9	5	1	0	5
Gopalpur ...	0530	56	1003·3	1001·4	..	81·6	79·6	78·9	33·6	91	...	4·9	...	10·2	0	12	11	0	1	1	3	8	9	1	0	8
	0830	,,	1005·0	1003·1	−0·1	85·6	81·0	79·2	34·2	82	+3	3·9	+1·5	11·2	0	14	12	0	1	2	4	12	7	0	0	5
	1130	,,	1004·4	1002·5	...	88·6	82·6	80·3	35·3	77	...	2·7	...	16·5	0	17	14	0	0	5	4	13	9	0	0	0
	1730	,,	1001·4	999·5	...	85·0	81·5	80·6	35·1	85	...	5·1	...	17·6	0	18	15	0	0	2	2	13	8	0	0	0
	2330	,,	1003·7	1001·8	...	83·4	80·4	78·9	34·1	88	...	3·5	...	12·0	0	11	17	0	1	2	2	12	11	0	0	3
Koraput ...	0830	2996	897·3	906·3	...	81·0	72·6	68·4	23·8	66	...	2·5	...	3·5	0	0	31	1	0	0	1	13	6	9	1	0
	1730	,,	894·5	903·3	...	85·9	72·7	65·9	22·3	55	...	5·1	...	4·4	0	0	31	3	2	2	2	7	2	11	2	0
Angul ...	0830	455	1004·7	989·3	+0·2	86·5	77·7	73·6	28·1	67	+1	2·8	−0·7	3·0	0	0	27	4	4	5	10	4	0	0	1	4
	1730	,,	999·3	984·3	...	98·0	77·4	66·1	22·9	38	...	3·4	...	9·3	0	7	24	1	4	7	13	3	1	1	1	0
Sambalpur ...	0830	486	1003·5	987·0	−1·0	89·9	77·5	71·0	26·4	55	+7	1·7	−0·7	3·0	0	0	24	0	3	4	5	8	2	1	1	7
	1730	,,	998·0	982·3	...	102·1	76·6	62·2	19·7	30	...	3·5	...	4·7	0	1	28	3	1	5	6	5	5	3	1	2
Jharsuguda ...	0530	726	1002·0	977·6	...	82·6	73·8	69·8	24·2	67	...	2·8	...	2·5	0	0	20	0	1	4	10	5	0	0	0	11
	0830	,,	1003·3	979·2	...	90·5	76·7	70·9	24·8	54	...	2·2	...	3·6	0	0	28	0	1	5	11	10	1	0	0	3
	1130	,,	1001·7	978·2	...	98·9	78·0	69·1	23·1	40	...	1·5	...	4·4	0	0	29	0	0	2	11	9	4	2	1	2
	1730	,,	999·2	973·8	...	100·0	75·3	63·5	19·0	33	...	3·7	...	4·2	0	0	22	2	0	2	7	4	2	4	1	9
	2330	,,	1001·1	977·0	...	89·2	74·5	67·7	22·8	51	...	2·7	...	4·1	0	0	24	0	0	3	12	7	2	0	0	7
Titilagarh ...	0830	691	1003·5	980·4	...	90·7	74·6	65·6	22·1	44	...	2·6	...	2·5	0	0	29	0	0	3	8	10	7	1	0	2
	1730	,,	1007·5	975·1	...	102·8	75·6	58·3	18·2	25	...	4·2	...	1·2	0	0	17	1	1	1	4	5	4	1	0	14
Chota Nagpur																										
Purulia ...	0830	835	1003·6	975·8	...	86·1	76·1	71·2	26·2	62	...	1·9	...	3·8	0	0	28	0	0	0	13	8	5	0	2	3
	1730	,,	998·6	971·4	...	94·5	75·4	64·8	21·5	42	...	4·1	...	3·6	0	0	30	2	2	2	15	3	2	1	3	1
Jamshedpur ...	0830	433	1004·0	989·7	+0·3	87·1	77·1	72·5	27·2	62	+4	1·8	−1·0	5·5	0	1	28	0	0	6	4	3	7	7	2	2
	1730	,,	999·0	984·9	...	94·6	76·2	65·8	22·3	43	...	4·2	...	9·5	0	6	22	1	1	4	13	2	1	4	2	3
Jamshedpur(P.B.O.)	0530	477	1003·0	986·8	...	81·2	75·8	73·6	27·9	78	...	2·2	...	2·8	0	1	12	0	0	7	2	1	1	1	1	18
	1130	,,	1002·4	986·7	...	99·4	81·0	74·3	27·6	45	...	1·3	...	3·4	0	0	23	0	0	3	8	5	4	2	1	8
	2330	,,	1002·7	986·6	...	84·7	76·7	73·6	27·8	70	...	1·2	...	5·4	0	1	28	1	0	12	14	0	1	0	1	2
Chaibasa ...	0830	742	1003·9	978·9	−0·1	86·1	75·8	70·5	25·5	61	+2	2·8	+0·3	1·9	0	0	19	0	1	0	0	5	12	1	0	12
	1730	,,	998·5	974·1	...	96·6	75·3	63·2	20·0	37	...	5·0	...	2·0	0	0	21	0	1	1	6	5	6	1	1	10
Ranchi ...	0830	2150	896·3	933·5	+0·7	83·9	72·7	66·7	23·1	59	+12	2·0	−0·2	0·3	0	0	3	1	0	0	0	1	1	0	0	28
	1730	,,	893·3	929·8	...	87·2	72·3	63·7	20·9	51	...	3·7	...	0·4	0	0	5	2	0	2	0	0	0	1	0	26
Hazaribagh ...	0830	2006	895·0	937·0	0	84·7	73·0	67·2	23·2	58	+13	5·5	+3·1	6·8	0	1	27	0	1	0	5	11	10	1	0	3
	1730	,,	891·9	933·4	...	89·1	71·3	60·7	18·7	45	...	5·8	...	7·5	0	2	29	3	2	4	10	3	2	1	6	0
Hazaribagh (C.W.)..	0530	2008	892·6	935·3	...	74·3	69·5	66·9	22·4	78	...	1·7	...	2·5	0	0	21	1	0	0	3	15	1	1	0	10
	0830	,,	894·8	936·7	...	84·8	72·4	65·8	22·0	56	...	1·4	...	3·9	0	0	27	0	1	1	5	14	3	3	0	4
	1130	,,	895·0	936·2	...	94·5	73·2	61·4	19·0	36	...	1·1	...	3·5	0	0	27	2	1	0	2	10	6	6	0	4
	1730	,,	892·0	933·6	...	88·3	70·5	59·9	18·0	43	...	3·0	...	3·8	0	0	27	4	6	2	9	2	0	0	4	4
	2330	,,	893·1	935·5	...	78·4	69·5	64·5	20·9	64	...	1·4	...	3·0	0	2	20	0	2	0	8	9	0	1	0	11
Daltonganj ...	0830	725	1002·1	978·1	−1·1	95·0	75·3	63·7	21·3	38	−2	1·6	+0·2	3·2	0	0	26	1	0	10	3	2	1	5	4	5
	1730	,,	997·3	973·6	...	101·1	73·6	54·6	15·8	15	...	3·1	...	7·0	0	4	26	5	6	3	3	0	1	9	3	1
Dhanbad ...	0830	839	1003·6	975·3	...	86·0	76·1	71·5	26·3	62	...	1·6	...	5·4	0	1	30	0	0	3	5	13	4	4	2	0
	1730	,,	998·9	971·2	...	94·5	74·9	62·9	20·7	39	...	3·3	...	8·0	0	3	28	0	5	7	3	8	5	1	2	0

(a) Mean of 30 days. (g) Mean of 24 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1005·7	1001·4	+0·2	80·8	75·4	72·9	27·5	77	+ 5	4·0	+0·6	4·3	0	0	31	0	6	23	2	0	0	0	0	0
	1730	,,	1001·0	996·8	...	87·5	79·0	75·3	29·9	67	...	2·5	...	2·2	0	0	27	1	8	16	1	1	0	0	0	4
Darbhanga ...	0830	161	1004·9	999·4	+0·1	85·2	76·6	72·6	27·5	66	+ 2	2·5	+0·1	6·3	0	3	28	0	8	21	2	0	0	0	0	0
	1730	,,	1000·3	994·8	...	91·8	79·1	73·1	28·5	55	...	1·2	...	3·5	0	0	30	1	12	15	1	0	0	1	0	1
Motihari ...	0830	218	1004·6	997·2	+0·1	85·2	76·8	72·9	27·5	67	+ 4	1·5	−0·3	4·6	0	0	27	0	0	26	1	0	0	0	0	4
	1730	,,	1000·1	993·8	...	88·9	78·0	75·0	27·6	60	...	1·7	...	1·9	0	0	20	0	0	19	1	0	0	0	0	11
Patna ...	0830	173	1003·6	997·7	−0·5	86·9	76·2	71·2	26·3	60	+ 2	1·5	−0·3	7·3	0	2	29	0	23	3	5	0	0	0	0	0
	1730	,,	998·9	993·1	...	97·5	77·0	66·4	22·3	38	...	1·2	...	5·9	0	1	30	1	22	1	3	0	0	1	3	0
Patna (Aerodrome) ...	0530	196	1001·8	994·9	...	79·9	74·3	71·3	26·6	76	...	1·8	...	6·5	0	2	29	1	6	21	2	1	0	0	0	0
	0830	,,	1003·1	998·5	...	87·0	76·2	71·0	25·7	60	...	1·5	...	8·3	0	3	28	0	3	23	3	2	0	0	0	0
	1130	,,	1002·4	998·8	...	95·6	78·0	69·4	24·9	44	...	1·0	...	7·3	0	2	29	2	2	21	1	2	1	2	0	0
	1730	,,	998·3	991·8	...	98·4	76·7	65·0	21·8	35	...	1·5	...	7·9	0	1	30	3	11	11	2	0	0	1	3	0
Dehri ...	0830	352	1001·9	998·2	...	87·7	74·7	67·2	23·4	53	...	1·7	...	3·6	0	0	30	0	10	2	10	1	6	0	1	1
	1730	,,	997·1	985·1	...	102·3	75·0	58·3	17·0	26	...	1·6	...	3·2	0	0	31	1	19	0	3	0	2	0	6	0
Gaya ...	0530	365	1000·9	988·5	...	82·9	73·8	68·7	24·5	64	...	2·7	...	5·8	0	1	25	0	5	14	3	3	0	0	1	5
	0830	,,	1002·3	990·3	−0·7	92·1	76·1	67·7	23·5	46	+10	1·8	+0·2	8·1	0	3	25	0	2	8	11	3	3	0	1	3
	1130	,,	1001·3	989·3	...	101·1	76·7	62·8	20·1	31	...	1·9	...	6·4	0	1	23	2	5	5	2	0	1	5	4	7
	1730	,,	997·6	985·6	...	101·2	75·4	59·9	18·0	28	...	2·	...	10·0	0	7	23	1	12	2	3	1	1	1	9	1
	2330	,,	1000·7	988·4	...	88·6	75·0	67·6	23·6	51	...	1·3	...	7·0	0	2	23	3	6	13	2	1	0	0	0	6
Jamui ...	0830	270	1003·1	994·2	...	89·3	77·9	72·6	27·3	59	...	2·2	...	5·3	0	0	31	0	2	19	8	2	0	0	0	0
	1730	,,	999·1	989·9	...	95·0	76·8	67·2	23·5	43	...	2·9	...	5·9	0	0	31	2	1	17	7	1	0	0	3	0
Dumka ..	0830	489	1004·5	987·7	−0·3	85·2	76·7	72·9	27·5	68	+ 6	2·0	−0·3	3·0	0	0	31	0	5	4	12	2	7	1	0	0
	1730	,,	1000·1	983·7	...	91·4	77·1	71·6	25·0	52	− 2	3·3	...	4·2	0	0	31	1	3	6	13	2	2	3	1	0
Sabour ...	0830	122	1004·6	1000·4	+0·3	85·1	77·9	74·4	29·7	73	+ 9	3·2	−0·6	7·7	0	1	30	1	0	14	14	2	0	0	0	0
	1730	,,	1000·1	996·0	...	89·9	78·1	71·8	27·2	59	...	3·0	...	8·5	0	4	26	1	0	16	11	0	0	2	0	1
Bhagalpur ...	0530	160	1002·9	997·5	...	78·0	74·3	72·4	27·6	83	...	2·3	...	4·1	0	0	30	1	0	21	7	1	0	0	0	1
	0830	,,	1004·5	999·2	...	86·3	77·5	73·8	28·6	64	...	3·1	...	5·2	0	2	27	0	1	17	10	1	0	0	0	2
	1130	,,	1003·7	998·4	...	92·7	79·6	73·7	28·7	58	...	3·2	...	5·8	0	3	25	0	3	17	8	0	0	1	0	2
	1730	,,	1000·2	994·9	...	92·0	78·1	71·8	25·4	53	...	2·7	...	5·0	0	1	29	1	0	17	9	2	0	1	0	1
	2330	,,	1002·9	997·5	...	82·1	75·4	72·3	27·3	73	...	2·1	...	4·7	0	0	27	0	1	16	9	1	0	0	0	4
U. P. East																										
Gonda ...	0830	360	1003·7	991·6	...	87·3	74·6	67·4	23·2	53	+ 5	1·0	−0·5	4·5	0	0	28	1	0	24	3	0	0	0	0	3
	1730	,,	994·5	986·0	...	102·9	74·1	55·6	15·9	22	...	0·9	...	1·9	0	0	19	1	0	7	0	0	0	3	8	12
Gorakhpur ...	0830	254	1003·5	994·9	−0·7	86·2	75·0	69·0	24·7	58	0	0·3	−0·9	1·9	0	0	29	0	8	19	1	0	1	0	0	2
	1730	,,	999·1	991·3	...	100·3	76·4	61·3	20·1	31	...	0·3	...	1·0	0	0	16	3	4	1	2	0	1	3	2	15
Gorakhpur (P.B.O.) ...	0530	257	1002·0	993·1	...	73·7	72·7	69·7	24·2	75	...	1·0	...	5·0	0	0	30	2	18	10	0	0	0	0	0	1
	1130	,,	1002·6	994·0	...	95·1	78·0	69·6	25·0	45	...	1·1	...	6·6	0	0	30	0	9	14	6	1	0	0	0	1
	2330	,,	1001·5	992·8	...	84·7	74·1	63·5	24·4	59	...	1·0	...	5·6	0	0	25	0	11	12	2	0	0	0	0	6
			(a)	(a)																						
Azamgarh ...	0830	255	1002·4	993·8	...	88·8	76·4	70·2	24·3	55	...	0·3	...	2·5	0	0	25	0	0	22	2	1	0	0	0	6
	1730	,,	997·8	986·3	...	103·0	76·8	63·1	19·6	29	..	0	...	0·6	0	0	5	1	0	1	0	0	0	2	1	26
Banaras ...	0330	250	1002·2	993·8	−1·2	90·3	76·7	70·3	25·0	53	+ 8	1·9	+0·3	5·3	0	0	30	1	9	11	1	5	3	0	0	1
	1730	,,	997·4	989·1	...	104·7	75·7	56·7	17·2	24	...	2·3	...	5·6	0	1	29	11	4	2	1	0	0	5	7	1
Banaras (Babatpur Aerodrome) ...	0830	280	1001·8	991·2	...	82·2	71·8	66·2	21·6	59	...	1·7	...	3·6	0	0	25	0	2	18	4	0	1	0	0	6
	0830	,,	1002·3	992·9	...	91·4	75·3	66·7	22·8	46	...	1·3	...	7·6	0	2	29	0	3	18	2	3	4	1	0	0
	1130	,,	999·5	992·5	...	100·2	76·3	61·3	19·8	30	...	1·1	...	7·4	0	2	27	3	4	10	1	0	1	7	3	2
	1730	,,	997·7	988·8	...	103·8	73·7	53·5	14·9	21	...	1·6	...	7·6	0	5	24	7	9	4	1	0	0	3	5	2
	2330	,,	1000·4	991·1	...	90·4	73·4	64·0	20·4	43	...	1·7	...	8·2	0	5	23	0	2	18	4	2	0	1	1	3
Allahabad (Bamrauli) ...	0530	322	1000·4	989·5	...	83·4	72·9	67·2	22·5	59	...	1·9	...	4·3	0	0	22	0	5	9	1	4	2	0	1	9
	0830	,,	1001·9	991·1	−1·7	92·7	76·5	67·6	24·1	47	+11	1·4	0	7·4	0	1	30	1	9	6	4	6	4	1	0	0
	1130	,,	1001·2	990·7	...	103·4	78·8	65·5	22·1	32	...	1·0	...	7·4	0	1	30	2	8	5	1	1	3	8	3	0
	1730	,,	997·2	986·7	...	105·3	77·7	62·6	19·7	27	...	1·5	...	8·1	0	3	28	7	5	4	1	0	0	5	9	0
	2330	,,	999·9	989·2	...	92·1	74·3	64·3	20·8	41	...	1·0	...	4·3	0	0	24	0	9	9	2	1	0	1	2	7
Fatehpur ...	0830	375	1002·3	989·6	...	93·6	77·0	68·7	24·3	46	+ 2	1·3	0	2·8	0	0	27	1	5	13	1	3	1	3	0	4
	1730	,,	997·5	985·4	...	106·3	79·1	64·1	21·6	29	...	1·2	...	2·5	0	0	22	3	5	2	0	0	0	3	9	9
Banda ...	0830	398	1001·9	988·4	...	95·3	74·9	62·8	20·4	36	...	0·2	...	1·9	0	0	15	0	2	5	4	0	2	1	1	16
	1730	,,	997·0	984·1	...	108·3	76·3	56·6	16·4	16	...	1·0	...	3·4	0	0	24	0	4	0	3	0	3	13	1	7
Orai ...	0830	463	1001·8	986·4	...	95·9	74·5	61·3	19·4	34	...	0·7	...	7·6	0	3	28	1	3	2	4	3	9	5	4	0
	1730	,,	997·9	982·8	...	106·2	78·1	60·2	20·3	37	...	3·0	..	11·4	0	14	17	6	10	1	0	0	1	1	12	0
Kanpur ...	0830	414	1002·0	988·8	−0·4	92·3	72·9	60·8	18·4	37	0	1·2	+0·2	6·5	0	2	26	4	5	10	3	2	1	2	1	3
	1730	,,	997·7	983·9	...	104·9	72·4	47·9	12·5	17	...	1·7	...	8·9	0	4	26	6	4	2	2	0	2	3	11	1
Lucknow ...	0830	371	1001·8	990·1	−0·8	88·8	72·6	68·5	19·9	49	+ 6	0·9	−0·3	2·3	0	0	30	1	4	13	8	2	1	0	2	1
	1730	,,	997·5	985·7	...	104·0	76·9	61·5	19·3	27	...	1·2	...	1·9	0	0	26	3	1	3	2	0	1	5	11	5
Lucknow (Amausi Aerodrome) ...	0530	419	1001·2	988·6	...	82·4	67·6	66·0	12·1	58	...	2·0	...	2·1	0	0	15	1	2	8	3	1	0	0	0	16
	0830	,,	1002·5	988·4	...	89·5	73·6	60·2	21·0	45	...	1·3	...	8·8	0	5	24	0	7	14	4	1	0	2	1	2
	1130	,,	1001·9	988·0	...	99·1	75·2	60·9	18·7	31	...	1·1	...	8·5	0	7	21	2	5	7	5	0	2	3	4	3
	1730	,,	997·2	983·5	...	103·9	72·4	48·7	13·0	18	...	1·9	...	9·0	0	4	25	2	2	3	3	0	1	9	9	2
Hardoi ...	0830	467	1001·7	985·9	...	88·7	73·2	64·1	21·2	46	...	1·4	...	3·9	0	0	31	1	1	9	12	1	2	4	1	0
	1730	,,	996·8	981·9	...	101·2	73·4	53·2	14·0	20	...	1·7	...	3·6	0	0	29	10	0	2	3	1	0	6	7	2
Lakhimpur Kheri ...	0830	483	1003·1	986·9	...	91·1	77·8	67·9	26·6	50	...	1·1	...	6·1	0	0	30	1	0	17	8	1	0	1	2	1
	1730	,,	997·8	982·0	...	100··	75·8	62·0	19·3	30	...	0·7	...	2·2	0	0	20	0	1	2	1	0	0	8	8	11
Bahraich ...	0830	407	1003·6	989·8	0	89·0	76·5	70·1	25·5	55	+ 4	0·9	−0·3	4·5	0	0	30	0	0	15	14	0	1	0	0	1
	1730	,,	998·1	984·8	...	103·2	76·7	61·5	19·3	27	...	0·9	...	3·2	0	0	27	0	1	3	3	2	3	7	8	4

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	31	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1002·1	974·9	-1·3	95·6	69·4	49·7	13·0	23	- 7	0·5	-0·4	3·4	0	0	24	2	1	4	0	0	0	16	1	7
	1730	..	996·8	970·3	...	107·6	70·4	38·2	8·8	11	...	1·5	...	2·1	0	0	17	1	0	0	0	0	0	11	5	14
Agra ...	0830	553	1001·9	983·4	-1·1	90·6	71·5	58·8	17·8	35	+ 8	0·1	-0·1	0·5	0	0	5	1	0	0	0	0	0	2	2	26
	1730	..	997·6	979·6	...	102·7	73·3	47·8	14·4	16	- 1	1·8	...	1·7	0	0	19	1	0	0	0	1	0	6	11	12
Mainpuri ...	0830	516	1002·4	985·2	-0·5	92·4	73·7	59·1	19·9	35	- 1	2·1	+1·1	2·1	0	0	20	0	1	4	3	2	1	4	5	11
	1730	..	997·2	980·4	...	102·8	74·6	57·5	16·4	34	...	2·1	...	2·5	0	0	25	0	2	0	3	0	0	16	4	6
Aligarh ...	0530	615	1000·7	979·8	...	81·9	67·2	57·1	17·2	44	...	1·4	...	1·1	0	0	8	1	0	2	0	0	0	3	2	23
	0830	..	1002·0	981·4	...	91·8	71·4	63·7	17·1	36	+ 1	1·1	+0·1	1·7	0	0	14	0	0	7	0	1	0	5	1	17
	1130	..	1001·6	981·5	...	103·3	74·9	57·4	16·3	23	...	1·1	...	2·1	0	1	12	0	1	4	0	0	0	5	3	18
	1730	..	997·7	977·7	...	104·4	71·2	55·0	15·0	21	...	2·1	...	2·3	0	0	17	0	2	2	0	0	0	10	4	13
	2330	..	1000·2	979·6	...	91·3	73·2	60·2	18·5	38	...	1·1	...	1·3	0	1	6	0	0	4	0	0	0	2	1	24
Bareilly ...	0830	568	1002·4	983·3	-0·8	88·5	72·0	60·8	19·4	41	- 5	2·0	+0·6	4·8	0	1	26	3	1	14	5	0	1	3	0	4
	1730	..	997·5	979·0	...	103·2	72·0	49·8	12·4	18	...	2·1	...	4·1	0	2	24	3	1	1	0	0	1	16	4	5
Bareilly (P.B.O.) ...	0530	565	1000·6	981·3	...	81·7	71·5	66·1	22·0	60	...	1·8	...	4·1	0	0	23	1	7	9	3	0	0	2	1	8
	1130	..	1001·9	983·1	...	97·7	74·3	63·4	18 5	34	...	1·1	...	5·8	0	0	31	2	0	8	8	1	4	3	5	0
	2330	..	999·9	980·9	...	87·9	74·0	67·9	22·3	52	...	1·1	...	3·1	0	2	20	0	2	13	1	0	1	3	2	9
Meerut ...	0830	728	1002·5	978·0	-0·5	87·8	70 0	58·2	17·3	39	- 1	0·	-0·8	1·6	0	0	19	0	5	8	5	0	0	0	1	12
Roorkee ...	0830	899	1002·2	972·1	-1·0	87·1	69·5	56·5	16·6	37	- 2	2·0	+0·7	1·7	0	0	23	0	3	0	19	0	0	0	1	8
	1730	..	997·2	968·0	...	100·9	69·6	45·4	10·8	17	...	2·1	...	2·1	0	0	6	1	1	0	6	0	1	1	16	5
Dehra-Dun ...	0530	2,239	892·8	927·4	...	72·9	60·2	50 3	12·7	47	...	1·1	...	1·1	0	0	13	4	7	0	0	0	0	1	1	18
	0830	..	894·8	928·8	-0·5	82·6	65·5	53·7	14·5	59	- 5	1·4	-0·1	1·1	0	0	18	1	3	2	1	2	4	3	2	13
	1130	..	895·7	929·1	...	92·5	66·7	48·7	11·3	23	...	1·1	...	3·1	0	0	28	1	1	1	7	4	9	3	2	3
	1730	..	892·5	926·3	...	94·6	67·0	47·4	13·4	22	...	1·1	...	2·1	0	0	27	4	3	1	0	4	6	8	1	4
	2330	..	893·2	927·3	...	79·3	63·4	51·8	13·2	40	...	0·7	...	1·8	0	0	27	11	6	1	0	1	0	1	0	11
Punjab (1)																										
New-Delhi ...	0530	710	1000·5	976·1	...	81·2	65·4	52·6	14·1	41	...	2·1	...	4·4	0	6	13	1	0	3	2	2	4	5	2	12
	0830	..	1001·8	978·0	-1·3	89·8	68·9	54·0	14·6	32	- 4	2·0	+0·1	6·5	0	3	22	1	2	4	4	2	0	8	4	6
	1130	..	1001·4	978·1	...	99·7	71·6	51·6	11·5	22	...	1·1	...	7·4	0	6	21	3	4	4	3	1	3	3	6	4
	1730	..	997·5	974·3	...	98·7	70 8	47·7	13·1	18	+ 2	2·5	...	8·9	0	6	24	8	3	4	1	1	1	1	11	1
	2330	..	999·8	976·1	...	89·0	68·4	53·2	11·4	31	...	1·1	...	3·5	0	1	18	3	2	5	2	1	0	2	4	12
Hissar ...	0830	725	1002·2	977·7	-0·9	85·1	69·2	58·6	17·0	43	+ 7	0·5	-0·8	3·8	0	0	28	2	3	2	3	5	4	4	5	3
	1730	..	998·3	974·7	...	104·5	73·4	52·5	14·2	19	...	0·1	...	5·2	0	0	31	6	4	2	1	2	3	4	9	0
Karnal ...	0830	818	1001·7	974·9	...	87·8	69·1	55·6	16·0	37	...	1·1	...	3·0	0	0	25	0	5	5	6	1	0	4	4	6
	1730	..	997·6	970·9	...	102·1	69·4	42·3	9·7	15	...	1·1	...	4·8	0	0	28	2	0	2	2	0	4	7	11	3
Ambala ...	0830	892	1000·8	971·0	-1·9	87·3	67·1	52·8	13·3	33	+ 2	0·1	-0·8	2·1	0	0	17	0	0	0	9	0	0	4	4	14
	1730	..	997·2	968·1	...	104·2	72·4	49·8	12·3	18	...	0·9	...	3·2	0	0	21	3	0	4	0	0	0	5	9	10
Ambala (P.B.O.) ...	0530	903	1000·2	969·6	...	82·2	65·1	54·2	13·5	39	...	1·1	...	3·4	0	0	22	3	0	4	5	0	1	0	9	9
	1130	..	1001·2	971·4	...	97·2	71·0	56·7	13·9	27	...	1·7	...	8·0	0	7	19	2	0	5	10	2	0	1	6	5
	2330	..	999·7	969·5	...	89·9	68·0	54·9	14·5	31	...	1·4	...	3·4	0	0	24	2	1	6	3	0	0	1	11	7
Patiala ...	0830	822	1001·4	974·0	...	89·0	68·1	53·0	13·9	31	...	1·1	...	3·4	0	1	24	3	2	0	9	2	0	1	8	6
	1730	..	997·4	970·6	...	103·4	72·5	51·2	13·1	19	...	1·8	...	5·2	0	3	24	4	1	0	9	0	1	2	10	4
Ludhiana ...	0830	810	1001 8	974·6	-0·9	88·1	68·8	54·9	15·2	35	- 3	1·1	+0·3	0·8	0	0	6	0	1	2	1	1	1	0	0	25
	1730	..	998·3	971·9	...	103·3	71·1	46·7	11·3	17	...	3·1	...	1·1	0	0	11	0	0	0	1	0	3	3	4	20
Ferozepur ...	0830	657	1001·5	979·4	...	87·2	68·7	55·7	15·4	36	...	0·7	...	1·4	0	0	16	1	5	0	3	0	2	1	4	15
	1730	..	998·0	976·6	...	103·4	72·2	51·8	12·4	20	...	0·7	...	1·0	0	0	16	4	4	0	0	1	2	0	5	15
Amritsar ...	0530	769	1000·3	974·4	...	73·8	62·5	53·7	14·3	52	...	1·7	...	4·6	0	2	27	2	11	6	1	1	0	2	6	2
	0830	..	1001·4	975·9	...	87·1	67·2	53·1	13·6	33	...	2·1	...	7·3	0	3	26	5	8	7	4	1	0	0	4	2
	1130	..	1001·3	976·1	...	98·6	70·0	48·6	12·3	20	...	1·7	...	8·3	0	6	25	2	3	5	3	3	1	4	10	0
	1730	..	998·1	973·1	...	101·8	69·1	42·8	19·9	15	...	1·8	...	8·3	0	2	29	4	1	1	1	1	2	9	12	0
Pathankot ...	0830	1128	998·8	931·3	...	86·8	66·4	51·7	13·0	32	...	2·1	...	2·9	0	0	25	1	8	12	3	0	0	1	0	6
	1730	..	997·9	960·9	...	99·2	68·7	44·6	10·0	17	...	3·6	...	3·4	0	0	29	1	8	0	1	2	1	8	8	2
Jammu and Kashmir																										
Srinagar ...	0830	5,205	798·9	841·3	+2·1	59·6	51·9	51·6	13·0	76	- 2	3·3	+0·4	2·9	0	0	21	0	1	1	13	4	0	0	2	10
	1130	..	799·2	840·9	...	68·2	58·8	52·6	13·5	59	...	3·5	...	2·6	0	0	19	4	1	0	1	2	1	7	3	12
	1730	..	797·5	838·9	...	69·9	59·0	51·7	13·1	55	...	5·2	...	2·8	0	0	19	1	2	0	2	2	1	6	5	12
Gulmarg ...	0830	8709	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh * ...	0530	11,529	710·5	667·4	...	38·1	31·5	20·9	4·0	53	...	3·2	...	2·7	0	0	19	0	18	0	0	1	0	0	0	11
	0830	..	710 4	667·2	-0·4	45·7	35·4	20·0	3·9	39	+ 1	(b) 3·2	-0·3	1·5	0	0	11	0	1	0	1	3	6	0	0	20
	1730	..	707·0	665·5	...	55·0	39·3	16·4	3·3	24	...	4·5	...	4·9	0	0	28	5	2	0	1	1	7	4	8	3
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	89·3	70·5	58·7	17·0	36	- 3	2·4	+0·6	7·3	0	1	30	2	22	0	0	0	0	1	6	0
Rajasthan, West																										
			(b)	(b)		(b)	(b)	(b)	(b)	(b)		(b)			(b)											
Sri Ganganagar ...	0830	580	1001·1	980·1	...	89·3	67·9	53·4	13·6	30	- 1	0·7	+0·3	2·0	0	0	14	1	1	1	2	2	5	1	1	15
	1730	..	997·5	978·6	...	104·2	70·9	45·1	10·8	15	...	1·0	...	3·9	0	2	21	4	2	0	0	1	2	6	8	8
Bikaner ...	0830	734	1001·6	977·0	-1·4	89·9	70·5	57·0	16·6	36	+ 4	0·1	-0·8	4·3	0	0	29	0	1	1	3	2	18	0	4	3
	1730	..	997·5	974·2	...	107·4	77·3	58·5	17·4	22	...	0·9	...	5·6	0	2	29	0	3	0	0	1	7	0	20	0

(b) Mean of 29 days (R) Register not received. * Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1000·9	976·1	...	84·3	71·7	64·2	20·7	52	...	1·3	...	3·2	0	0	18	0	0	0	0	7	6	4	1	13
	1130	,,	1001·4	977·4	...	104·1	80·9	69·1	25·9	35	...	0·9	...	3·9	0	0	28	2	1	0	1	1	13	8	2	3
	2330	,,	1000·3	975·9	...	93·4	76·0	66·0	22·6	43	...	1·5	...	3·7	0	1	17	1	2	1	0	2	5	6	1	13
Jaisalmer ...	0830	793	1002·3	975·9	...	85·6	70·3	59·7	18·4	46	...	0·5	...	13·3	0	14	16	0	1	0	1	1	24	1	2	1
	1730	,,	997·7	972·1	...	106·3	72·5	45·1	12·0	15	...	1·6	...	10·3	0	12	17	0	2	0	0	0	15	2	10	2
Jodhpur ...	0530	736	1001·1	976 9	...	85·7	68·9	56·7	17·2	39	...	0·6	...	7·4	0	3	24	0	5	0	0	0	9	12	1	4
	0830	,,	1003·5	978·7	+0·4	89·3	71·7	60·7	18·4	41	− 1	0·5	−0·5	8·7	0	2	28	0	3	1	1	0	15	9	1	1
	1130	,,	1002·1	978·6	...	100·2	74·1	57·8	16·9	26	...	0·4	...	9·5	0	5	26	0	3	1	1	0	13	11	2	0
	1730	,,	998·5	975·0	...	106·3	73·5	50·2	13·4	17	...	1·1	...	8·6	0	5	25	1	1	0	2	0	8	14	4	1
	2330	,,	1001·1	976·6	...	94·7	69·6	51·2	13·7	24	...	0·4	...	5·2	0	0	26	0	4	0	0	0	9	12	3	3
Phalodi ...	0830	767	1003·1	976·5	...	88·2	70·5	59·0	17·4	40	...	0·4	...	14·2	0	14	17	0	0	1	2	4	17	7	0	0
	1730	,,	998·5	973·7	...	106·6	73·2	49·0	13·6	17	...	1·1	...	12·7	0	12	19	2	0	0	2	3	15	7	2	0
Barmer ...	0530	638	1001·6	980·1	...	86·1	75·6	70·2	25·4	61	...	0·3	...	8·8	0	6	22	1	0	0	0	3	10	11	3	3
	0830	,,	1003·3	981·9	+0·4	88·1	76·5	70·5	25·8	58	− 3	0·2	−0·5	6·2	0	1	26	0	1	0	1	5	13	4	3	4
	1130	,,	1003·3	982·3	...	99·5	79·8	70·3	25·8	42	...	0·1	...	5·4	0	0	26	1	2	0	0	5	14	3	1	5
	1730	,,	998·4	977·8	...	107·3	81·1	68·1	24·1	31	...	1·3	...	4·3	0	0	25	1	3	0	1	3	11	7	0	6
	2330	,,	1001·2	980·1	...	96·5	78 5	70·0	25·3	44	...	0·7	...	6·9	0	5	21	1	0	0	0	1	13	10	1	5
Rajasthan, East																										
Sikar ...	0830	1419	1001·9	955·1	...	89·7	74·3	65·7	22·1	45	...	1·7	...	3·5	0	0	38	1	1	3	2	7	9	5	0	3
	1730	,,	997·6	952·1	...	103·7	77·9	62·8	21·3	30	...	2·6	...	2·8	0	0	29	1	0	0	0	2	10	8	8	2
Jaipur ...	0830	1431	1002·3	955·3	−1·4	91·9	69·5	53·5	14·5	29	− 5	0·2	−0 8	5·2	0	5	18	6	0	0	1	1	2	6	6	8
	1130	,,	1001·3	955·1	...	102·2	71·2	47·8	11·9	18	...	0·2	...	6·5	0	2	28	3	0	0	2	1	2	8	14	1
	1730	,,	997·5	951·6	...	104·1	71·1	45·8	11·0	15	...	1·6	...	7·7	0	1	29	5	1	0	0	0	1	7	16	1
Jaipur (Sanganer Aerodrome) ...	0530	1282	1000·8	958·0	...	83·6	63·4	45·7	10·9	28	...	0·9	...	7·3	0	2	26	4	1	5	1	0	0	3	14	3
	0830	,,	1002·1	959·7	...	91·7	67·7	49·0	12·5	24	...	0·8	...	11·3	0	11	16	0	1	3	1	1	0	9	12	4
	1130	,,	1001·1	959·5	...	101·6	69·4	42·9	9·9	15	...	0·6	...	13·0	0	14	15	2	0	3	0	2	1	11	10	2
	1730	,,	997·1	956·0	...	104·7	70·4	42·1	10·2	13	...	2·5	...	12·2	0	12	18	1	0	0	0	0	2	14	13	1
	2330	,,	1000·3	958·0	...	90·4	64·7	41·9	9·3	19	...	1·1	...	7·2	0	2	27	4	2	3	0	0	1	8	11	2
Ajmer ...	0830	1593	1002·7	950·3	−1·3	89·4	68·4	54·6	15·2	33	− 6	0·3	−0·7	10·7	0	13	15	1	3	0	0	0	2	12	10	0	3
	1730	,,	997·7	946·7	...	102·9	67·4	39·3	8·6	12	...	0·6	...	4·6	0	0	30	3	2	0	0	0	0	8	10	7	1
Kotah ...	0530	843	1000·7	972·6	...	89·4	67·3	50·3	12·7	27	...	1·2	...	4·8	0	0	23	0	1	0	0	0	0	21	1	6
	0830	,,	1002·2	974·4	−1·6	95·0	69·5	50·9	13·1	24	− 5	1·3	+0·4	4·5	0	0	25	2	1	0	0	0	1	19	2	8
	1130	,,	1001·7	974·3	...	104·6	70·7	44·6	10·5	14	...	4·5	...	5·5	0	1	29	1	2	2	1	1	0	15	8	1
	1730	,,	976·6	970·5	...	107·4	69·8	36·9	7·7	9	...	2·9	...	5·2	0	0	28	1	0	2	0	0	0	13	12	1
	2330	,,	1000·3	972·6	...	96·7	67·5	43·7	10·0	17	...	1·3	...	3·9	0	0	22	0	0	2	0	0	0	7	12	1	9
Jhalawar ...	0830	1053	1002·8	968·0	−0·8	91·2	69·9	54·7	15·2	31	−12	0·4	−0·4	4·4	0	0	27	0	1	2	0	0	5	17	2	4
	1730	,,	997·4	963·6	...	107·6	70·4	39·3	8·5	11	...	1·7	...	3·4	0	0	29	4	2	0	0	0	3	10	10	2
Udaipur ...	0530	1910	894·0	939·7	...	82·2	67·0	55·8	15 5	42	...	0·5	...	3·7	0	0	19	0	0	0	0	0	5	9	5	12
	0830	,,	896·0	941·2	−1·0	89·0	69·8	58·0	16·2	37	− 8	0·2	−0·2	3·9	0	0	26	1	1	0	0	0	4	12	8	5
	1130	,,	896·6	941·1	...	98·1	70·7	53·4	13·0	23	...	0·6	...	6·6	0	0	30	4	2	3	0	0	12	7	2	1
	1730	,,	893·6	937·7	...	99·3	70·4	52·0	11·9	21	...	1·5	...	7·2	0	1	29	1	1	0	1	4	10	9	4	1
	2330	,,	894·8	939·8	...	89·8	67·8	53·2	13·5	30	...	0·4	...	4·7	0	1	21	0	0	1	0	0	9	12	0	9
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	689	1000·3	977·2	...	85·7	66·3	51·0	13·3	33	...	0·9	...	2·9	0	1	17	0	1	1	1	3	6	3	3	13
	0830	,,	1001·6	978·8	...	95·4	68·9	48·5	12·1	22	...	0·3	...	5·7	0	1	27	2	3	1	2	3	5	5	7	3
	1130	,,	1000·9	978·6	...	105·2	70·2	41·3	9·4	13	...	0·4	...	7·7	0	2	29	6	1	3	2	1	2	6	10	0
	1730	,,	997·2	975·0	...	106·3	69·6	36·5	8·1	11	...	2·5	...	8·0	0	4	27	5	3	0	1	0	4	1	17	0
	2330	,,	999·9	977·1	...	93·5	67·5	47·2	11·3	22	...	0·7	...	3·3	0	0	23	3	3	0	0	4	8	2	3	8
Sheopur Kalan * ...	0830	771	1001·8	976·0	...	92·0	69·7	53·8	14·7	28	...	0·5	...	3·3	0	0	18	3	1	1	1	2	3	6	1	7
	1730	,,	997·2	972·2	...	108·3	71·9	42·0	10·2	11	...	3·6	...	5·9	0	0	23	6	0	1	0	0	2	7	7	2
Guna ...	0530	1571	1001·6	949·4	...	83·5	63·5	49·0	11·9	31	...	0·6	...	2·5	0	0	19	1	0	4	3	0	3	8	0	12
	0830	,,	1002·2	950·6	−1·1	92·8	68·5	53·4	14·6	27	− 2	0·5	−0·3	6·9	0	0	30	2	1	2	2	1	3	16	3	1
	1130	,,	1001·2	950·8	...	103·5	70·5	48·6	12·1	16	...	0·1	...	6·7	0	0	31	5	0	0	1	1	1	15	7	0
	1730	,,	996·8	946·8	...	105·5	70·2	36·8	11·1	14	...	2·5	...	7·1	0	0	31	9	0	0	1	0	3	15	3	0
	2330	,,	1000·9	949·3	...	89·5	64·7	46·3	10·8	23	...	0·6	...	3·9	0	0	20	1	1	2	0	0	5	8	3	11
Neemuch ...	0830	1626	1003·8	950·2	−1·0	88·4	68·6	55·3 (b)	15·9	36	−11	0·2	−0·6	9·7	0	6	25	0	3	0	1	0	13	13	1	0
	1730	,,	998·6	946·6	...	103·3	66·9	38·0	7·7	11	...	2·2	...	9·4	0	9	21	1	4	0	0	1	9	11	4	1
Ratlam ...	0830	1596	1004·5	951·4	...	83·7	74 7	70·0	25·7	65	...	1·7	...	9·1	0	8	22	0	0	0	0	1	13	15	1	1
	1730	,,	999·2	947·8	...	101·1	71 8	54·9	14·7	21	...	2·2	...	10·2	0	5	26	0	1	0	0	0	5	19	6	0
Indore ...	0530	1861	893·5	941·2	...	79·1	66·9	59·5	17·5	53	...	1·0	...	7·7	0	11	14	0	0	0	0	0	0	2	3	6
	0830	,,	895·6	942·7	−2·1	87·1	71·8	63·4	20·4	47	− 1	0·7	−0·3	12·0	0	13	18	2	0	0	0	0	0	25	4	0
	1130	,,	896·3	942·4	...	97·4	71·9	57·1	16·4	28	...	0·5	...	11·9	0	11	20	3	2	0	0	1	0	0	13	0
	1730	,,	893·3	938·8	...	102·0	71·7	52·2	14·2	20	...	1·1	...	10·6	0	9	21	0	1	0	0	0	2	17	10	1
	2330	,,	894·3	941·2	...	87·3	66·6	52·4	13·9	32	...	0·4	...	7·3	0	3	27	1	0	0	0	0	4	19	6	1
Bhopal (Bairagarh) ...	0530	1714	892·4	945·0	...	82·9	63·3	48·5	11·9	31	...	1·3	...	8·9	0	5	24	3	0	0	0	2	0	2	13	8	2
	0830	,,	894·9	946·8	−1·0	90·4	68·5	54·6	14·9	31	0	1·0	+0·1	14·0	0	18	13	0	1	1	3	0	0	12	15	0
	1130	,,	895·4	946·4	...	100·4	69·9	49·5	12·6	19	...	0·9	...	11·0	0	10	21	2	1	0	2	0	2	12	12	0
	1730	,,	892·3	942·6	...	104·3	68·6	40·0	9·3	12	...	2·3	...	11·3	0	12	19	1	0	2	0	1	4	10	13	0
Vindhya Pradesh	2330	,,	893·1	944·9	...	90·5	63·8	42·3	9·5	19	...	0·8	..	8·3	0	4	26	3	1	1	1	0	2	17	5	1
Nowgong ...	0830	750	1001·6	976·8	−1·7	95·1	69·8	51·8	13·4	24	− 9	0·5	−1·4	3·1	0	0	27	0	2	2	1	6	9	5	2	4
	1730	,,	996·6	972·5	...	107·9	71·5	42·6	9·6	12	...	1·0	...	2·0	0	0	30	4	2	1	0	1	4	5	13	1
Sutna ...	0830	1041	1001·4	967·1	−1·4	94·5	...	...	...	...	...	1·5	−0·4	5·8	0	0	28	1	0	7	5	5	2	7	1	3
	1730	,,	996·3	963·2	...	105·4	...	...	...	...	...	2·2	...	6·8	0	1	30	4	4	0	0	1	1	6	15	0

* Observations for 25 days.

(b) Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh—*contd.*																										
Umaria ...	0830	1506	1011·3	952·2	...	94·5	71·5	60·0	16·9	31	+ 5	1·0	−1·0	3·0	0	0	26	0	2	0	7	0	12	0	5	5
	1730	,,	996·3	948·3	...	104·1	74·5	60·6	17·1	25	...	2·8	...	4·2	0	0	31	2	4	0	1	0	4	0	20	0
Madhya Pradesh, East																										
Gondia ...	0830	1026	1002·7	968·9	...	94·0	73·2	60·4	18·5	34	...	1·2	...	3·2	0	0	29	6	3	0	2	5	11	2	0	2
	1730	,,	997·1	964·2	...	106·7	73·9	50·6	13·7	17	...	2·6	...	3·1	0	0	31	7	4	3	0	1	6	6	4	0
Pendra ...	0530	2048	893·0	933·6	...	82·4	66·2	55·3	15·4	42	...	1·9	...	3·8	0	0	27	2	0	0	0	19	2	1	3	4
	0830	,,	895·1	935·2	−1·4	89·9	70·1	57·5	17·1	36	+ 3	1·2	−0·7	7·7	0	4	27	3	1	0	1	17	5	0	4	0
	1130	,,	895·3	934·7	...	99·3	71·9	54·9	15·5	25	...	1·8	...	6·1	0	0	31	5	2	2	3	9	3	0	7	0
	1730	,,	892·0	931·3	...	98·4	69·9	50·6	13·4	23	...	3·1	...	5·3	0	1	30	12	1	2	0	8	2	1	5	0
	2330	,,	893·5	933·7	...	87·4	67·3	53·9	14·7	34	...	2·4	...	4·2	0	0	24	1	2	2	0	8	5	2	4	7
Raigarh ...	0830	723	1002·9	978·9	...	90·9	74·8	65·7	23·2	45	...	2·8	...	3·1	0	0	26	2	3	1	9	6	4	1	0	5
	1730	,,	997·7	973·8	...	105·9	75·0	55·9	15·6	21	...	2·1	...	0·8	0	0	11	0	2	1	2	1	3	1	1	20
Ambikapur ...	0830	1989	895·2	937·5	...	88·2	70·5	60·4	18·3	41	...	0·4	...	6·1	0	2	27	1	1	2	4	7	13	1	0	2
	1730	,,	892·0	933·4	...	98·3	69·8	49·5	13·3	23	...	3·1	...	8·1	0	4	27	4	2	1	6	3	3	5	7	0
Champa ...	0830	805	1002·8	976·1	...	92·5	73·8	63·1	20·0	39	...	1·7	...	5·1	0	1	30	2	2	6	8	4	3	4	2	0
	1730	,,	997·0	971·0	...	106·3	73·4	49·5	13·1	17	...	3·1	...	5·4	0	2	26	7	2	1	4	1	1	11	1	3
Raipur ...	0530	979	1000·8	968·1	...	87·6	70·4	59·5	17·8	41	...	2·3	...	4·5	0	0	26	0	1	1	6	10	5	3	0	5
	0830	,,	1002·3	970·0	−1·3	94·6	74·3	61·0	19·8	35	+ 2	1·8	−0·3	7·3	0	1	30	1	1	3	3	7	11	4	1	0
	1130	,,	1001·1	969·3	...	102·5	74·5	57·4	16·5	24	...	1·4	...	5·4	0	1	29	2	1	3	2	5	11	2	4	1
	1730	,,	996·6	965·1	...	106·1	71·9	45·1	11·4	15	...	3·3	...	5·7	0	1	26	2	2	3	2	1	5	3	9	4
	2330	,,	1000·0	967·8	...	94·5	70·5	54·5	14·6	27	...	1·8	...	6·1	0	1	27	0	1	1	6	8	8	2	2	3
Kanker ...	0830	1318	1002·9	959·6	−0·5	92·9	76·9	68·8	24·3	46	+ 6	2·2	−0·9	3·0	0	0	24	0	1	2	0	4	6	11	0	7
	1730	,,	997·2	955·0	...	103·4	79·0	66·8	22·7	32	...	3·4	...	1·5	0	0	18	0	6	1	0	0	7	2	2	13
Chanda ...	0830	634	1003·3	982·3	−1·5	95·3	75·2	63·5	20·8	37	+ 4	2·3	+0·3	2·6	0	0	19	0	0	1	3	0	5	4	6	12
	1730	,,	997·1	976·7	...	109·3	74·7	51·0	13·7	16	...	4·2	...	2·6	0	0	20	0	5	2	2	0	1	1	9	11
Sironcha ...	0830	405	1004·4	990·8	...	92·1	78·3	71 7	26·8	53	...	3·0	...	5·2	0	0	31	2	1	1	6	10	7	3	1	0
	1730	,,	998·3	985·1	...	106·9	77·5	61·1	18·8	25	...	4·0	...	5·0	0	1	30	6	2	2	5	4	4	3	5	0
Jagdalpur(P.B.O.)...	0530	1813	892·6	942·1	...	77·3	70·4	66·9	22·6	71	...	3·1	...	1·4	0	0	15	0	0	3	2	5	4	1	0	16
	0830	,,	895·3	944·2	−0·7	84·3	72·9	67·1	23·0	56	+ 1	3·6	+0·9	4·6	0	0	29	0	3	2	1	6	16	1	0	2
	1130	,,	895·4	943·5	...	93·4	74·2	64·6	21·0	40	...	2·5	...	5·0	0	0	29	2	2	2	2	4	14	2	1	2
	1730	,,	892·1	940·1	...	92·6	73·1	63·4	19·8	40	...	5·5	...	5·2	0	0	31	0	3	5	3	4	14	1	1	0
	2330	,,	893·5	942·6	...	82·4	71·7	66·4	22·1	59	...	2·5	...	3·1	0	0	25	0	1	4	4	7	8	0	1	6
Madhya Pradesh, West																										
Buldhana ...	0830	2133	896·4	934·3	...	82·4	70·7	64·9	20·7	57	...	1·6	...	7·6	0	0	31	3	0	0	0	0	0	3	25	0
	1730	,,	894·1	930·6	...	100·5	73·1	57·4	16·6	26	...	2·5	...	5·9	0	0	31	3	1	0	0	0	0	1	26	0
Akola ...	0830	925	1004·1	973·2	−1·4	89·5	71·2	59·0	17·8	38	+ 2	4·5	+2·7	12·1	0	11	20	0	0	0	0	0	0	17	14	0
	1130	,,	1002·7	972·5	...	100·9	72·7	56·3	14·6	22	...	2·9	...	7·4	0	5	23	5	2	0	0	0	1	3	17	3
	1730	,,	997·9	968·1	...	106·3	71·6	44·4	10·7	14	...	4·3	...	8·3	0	4	26	2	0	1	0	0	2	14	11	1
Akola (Aerodrome) ... *	0530	1015	1003·5	968·4	...	84·4	74·1	69·2	24·1	61	...	2·5	...	12·3	0	13	18	1	0	0	0	0	1	16	13	0
	2330	,,	1000·0	966·6	...	92·7	72·5	60·4	18·1	35	...	2·2	...	11·9	0	7	11	1	0	1	0	0	0	6	10	1
Amravati ...	0830	1213	1003·3	963·2	−1·5	90·8	71·5	58·7	17·5	37	+ 2	3·2	+1·6	4·3	0	0	31	1	0	2	0	0	0	8	17	4
	1730	,,	997·4	958·6	...	106·2	74·3	52·5	14·4	19	...	3·9	...	5·1	0	0	31	1	2	2	0	0	0	6	3	17	0
Yeotmal ...	0830	1481	1003·1	954·6	...	92·5	70·3	56·3	15·3	32	...	3·6	...	13·5	0	12	19	0	2	0	0	0	5	0	24	0
	1730	,,	997·4	949·9	...	103·5	72·5	53·1	13·2	20	...	4·6	...	12·6	0	12	19	0	4	0	0	0	5	0	22	2
Khandwa ...	0830	1044	1004·2	969·4	−1·4	89·2	73·9	65·0	20·3	47	+ 7	1·1	0	12·8	0	11	20	0	0	0	0	0	1	23	7	0
	1730	,,	998·0	964·4	...	105·6	74·3	53·5	14·8	20	...	1·9	...	9·7	0	4	27	1	0	0	0	0	2	21	7	0
Hoshangabad ...	0830	992	1003·2	970·3	−1·7	91·8	68·1	50·0	12·8	25	− 7	3·6	+2·4	2·8	0	0	28	0	2	2	4	0	12	5	3	3
	1730	,,	996·8	965·1	...	107·5	70·0	37·8	8 1	10	...	5·2	...	3·4	0	0	31	0	3	3	5	2	8	5	5	0
Sagar ...	0830	1808	894·1	942·8	−1·5	89·5	66·9	51·2	13·4	27	− 1	1·6	+0·2	11·9	0	12	19	0	2	1	2	3	8	13	2	0
	1730	,,	891·6	939·0	...	103·6	67·9	40·9	8·8	13	...	2·3	...	9·6	0	2	29	1	1	1	1	0	9	12	6	0
Jabalpur ...	0530	1289	1000·8	957·8	...	83·6	65·7	52·1	13·5	35	...	2·2	...	3·3	0	0	22	0	4	1	3	2	7	4	1	9
	0830	,,	1001·9	959·7	−1·4	94·8	70·1	52·2	13·9	25	− 4	1·8	+0·6	4·9	0	0	29	0	2	0	1	3	9	10	2	2
	1130	,,	1000·4	959·1	...	105·6	73·0	49·6	12·9	17	...	1·4	...	5·9	0	0	30	1	3	1	1	1	5	8	10	1
	1730	,,	996·5	955·4	...	105·9	72·0	46·8	11·5	15	...	3·0	...	6·2	0	1	29	2	3	1	2	0	7	7	8	1
	2330	,,	1000·0	957·5	...	89·9	68·2	52·4	13·8	29	...	1·3	...	2·4	0	0	17	1	3	0	3	0	8	2	0	14
Mandla ...	0830	1452	1002·5	954·7	...	89·7	...	...	...	...	...	1·7	...	3·1	0	0	27	4	2	2	7	6	0	1	5	4
	1730	,,	996·6	950·2	...	103·8	...	...	...	...	...	2·5	...	7·2	0	3	28	10	2	1	2	0	1	11	4	0
Seoni ...	0830	2027	894·2	934·6	−3·0	92·5	69·1	54·5	15·1	29	0	1·7	+0·1	4·3	0	0	29	2	4	0	4	5	1	0	13	2
	1730	,,	891·8	931·4	...	100·6	71·3	54·1	14·3	24	...	4·1	...	4·1	0	0	29	3	3	1	1	4	4	3	10	2
Chhindwara ...	0830	2348	896·2	929·5	...	91·2	66·7	49·1	12·4	25	...	1·5	...	4·9	0	1	27	3	3	0	2	1	0	7	12	3
	1730	,,	893·2	925·8	...	100·7	68·4	44·6	10·6	16	...	2·9	...	5·1	0	1	30	4	1	1	1	0	0	9	15	0
Betul ...	0830	2144	896·7	933·5	...	88·1	67·6	54·0	14·8	38	...	2·2	...	5·3	0	0	31	3	1	0	2	1	0	12	12	0
	1730	,,	893·6	929·6	...	100·7	68·5	45·2	10·7	16	...	2·2	...	5·8	0	0	31	2	3	0	2	0	3	9	12	0
Nagpur ...	0530	1010	1000·9	967·3	...	87·3	69·1	56·3	16 9	9	..	2·4	...	5·0	0	1	26	2	4	0	0	3	6	4	8	4
	0830	,,	1002·5	9·9·3	−1·6	96·3	73·7	53·4	18·2	3	+	3·6	+0·5	9·7	0	7	22	1	1	3	2	1	6	2	13	2
	1130	,,	1001·3	968·6	...	105·2	76·9	58·6	18·7	.	.	2·1	..	8·7	0	4	26	5	5	2	2	1	0	3	12	1
	1730	,,	996·7	964·4	...	107·7	75·1	5.·'	15·0	..	..	3	..	9·2	0	5	24	1	2	1	0	0	5	9	11	2
	2330	,,	1000·4	967·1	...	92·5	70·8	55·5	15·9	32	...	2·4	...	6·2	0	1	27	1	3	1	1	1	2	11	8	3

* Observations for 19 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Cloud amount (Octas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	N W	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1005·3	990·1	-1·2	86·0	75·6	70·2	25·5	61	...	0·4	...	...	0	0	31	1	0	0	0	11	13	6	0	0
	1730	,,	999·5	985·1	...	105·5	73·1	50·3	13·1	17	...	0·5	...	...	0	0	31	0	1	0	0	5	18	5	2	0
Surat ...	0530	39	1005·3	1004·0	...	81·4	78·3	77·3	31·6	87	...	1·6	...	5·1	0	0	31	0	0	0	6	11	13	1	0	0
	0830	,,	1005·5	1005·2	-1·4	86·9	79·5	76·2	31·1	71	+ 5	2·7	-0·3	4·5	0	0	28	0	0	0	1	3	21	1	2	3
	1130	,,	1003·8	1005·5	...	94·2	79·7	73·0	28·0	52	...	2·2	...	7·8	0	1	30	2	0	0	0	2	20	3	4	0
	1730	,,	1003·0	1001·7	...	92·2	80·5	74·9	30·3	58	...	1·3	...	10·9	0	6	25	0	0	0	0	5	24	0	2	0
	2330	,,	1005·8	1001·5	...	84·6	89·8	77·9	32·6	80	...	0·8	...	8·5	0	3	28	0	0	0	0	4	25	2	0	0
Ahmedabad ...	0530	182	1004·0	997·8	...	81·8	73·3	68·6	24·1	66	...	0·7	...	6·5	0	0	30	0	0	0	0	2	13	9	6	1
	0830	,,	1005·8	999·6	-1·5	86·1	75·8	70·5	25·8	61	- 9	1·0	-0·6	9·7	0	8	23	0	0	0	0	1	12	12	6	0
	1130	,,	1005·3	999·2	...	97·2	76·2	64·7	21·3	36	...	0	...	8·7	0	2	29	0	0	0	0	1	9	13	8	0
	1 30	,,	1000·4	994·4	...	103·7	74·4	52·9	14·4	18	...	0·4	...	10·9	0	8	23	1	0	0	0	2	6	18	4	0
	2330	,,	1003·7	997·6	...	90·1	75·0	65·6	22·8	48	...	0·1	...	8·6	0	5	25	0	0	0	0	5	6	17	2	1
Dohad ...	0830	1093	1005·3	968·6	...	85·2	74·2	67·9	25·3	58	- 2	0·4	-1·0	18·1	0	25	6	0	0	0	0	0	12	19	0	0
	1730	,,	999·9	964·6	...	102·8	73·2	54·4	14·5	21	...	0·2	...	10·7	0	6	25	0	0	0	0	0	13	17	1	0
Baroda ...	0530	115	1004·5	1000·5	...	81·7	76·9	74·3	29·3	79	...	1·1	...	2·2	0	0	24	0	0	0	3	7	14	0	0	7
	0830	,,	1003·2	1002·4	...	86·5	78·5	74·7	29·7	69	+ 5	1·1	-0·3	2·7	0	0	27	0	0	0	1	7	16	3	0	4
	1130	,,	1005·7	1001·9	...	97·1	78·5	69·7	24·8	43	...	0·2	...	3·2	0	0	27	0	0	1	0	1	5	14	4	2	4
	1730	,,	1001·2	997·4	...	105·0	79·4	65·7	22·6	31	...	0·2	...	4·2	0	1	28	0	0	0	1	7	16	4	1	2
	2330	,,	1004·4	1000·5	...	87·1	79·5	75·8	30·9	71	...	0	...	6·7	0	0	31	0	0	0	2	8	19	2	0	0
Baroda ... (Aerodrome)	0530	124	1004·6	1000·4	...	83·1	75·5	72·1	27·2	73	...	0·5	...	4·6	0	0	29	0	0	0	1	1	24	2	1	2
	0830	,,	1006·2	1002·0	...	85·6	76·4	71·7	26·9	64	...	1·4	...	7·4	0	2	29	0	0	0	0	2	23	5	1	0
	1730	,,	1001·2	997·1	...	103·7	74·9	56·9	16·5	23	...	0·4	...	9·9	0	7	24	0	0	0	0	0	18	9	4	0
	2330	,,	1004·4	1000·2	...	87·2	77·1	72·7	27·2	61	...	0	...	13·3	0	17	14	0	0	0	0	3	27	1	0	0
Broach ...	0830	57	1006·4	1004·4	...	84·0	77·9	75·1	29·9	75	...	1·6	...	3·9	0	0	31	0	0	0	0	1	30	0	0	0
	1730	,,	1001·9	1000·0	...	99·6	77·5	65·3	22·2	36	...	0·6	...	10·3	0	1	30	0	0	0	0	1	23	4	3	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1005·1	993·4	-1·1	84·5	76·4	72·6	27·5	68	+ 4	0·2	-0·8	6·0	0	1	29	0	0	0	0	0	11	18	1	1
	1730	,,	1002·0	990·6	...	98·0	74·6	60·1	18·6	32	...	0·2	...	15·6	0	25	6	0	0	0	0	0	8	19	4	0
Bhuj (P.B.O.) ...	0530	347	1003·7	991·8	...	80·7	75·5	73·3	27·8	79	...	0·6	...	6·4	0	0	28	0	0	0	0	0	21	5	2	3
	0830	,,	1004·7	993·0	...	85·2	76·3	72·4	26·9	67	...	0·6	...	6·7	0	1	28	0	0	0	0	0	19	10	0	2
	1130	,,	1004·4	993·0	...	97·2	76·0	66·0	21·0	38	...	0·3	...	8·0	0	1	29	0	0	0	0	0	11	16	3	1
	1730	,,	1001·7	990·6	...	97·6	75·7	65·5	20·4	38	...	0·9	...	10·4	0	11	20	0	0	0	0	0	15	16	0	0
	2330	,,	1004·2	993·4	...	83·6	76·1	72·8	27·4	71	...	0·3	...	9·4	0	5	26	1	0	0	0	0	22	7	1	0
Dwarka ...	0830	37	1005·4	1005·1	-0 9	83·8	80·7	78·4	33·5	84	+ 1	2·7	-0·4	11·0	0	8	23	0	0	0	0	0	9	18	4	0
	1730	,,	1004·2	1002·9	...	86·7	81·6	79·8	31·5	80	...	2·2	...	15·5	0	28	3	0	0	0	0	0	8	22	1	0
Jamnagar ...	0530	74	1004·0	1001·4	...	79·7	76·4	74·9	29·6	85	...	1·6	...	8·2	0	3	28	0	0	0	0	0	23	7	1	0
	0830	,,	1005·2	1002·7	-1·6	85·0	77·9	75·1	29·4	72	+ 6	2·2	+0·6	11·2	0	13	18	0	0	0	0	0	11	18	2	0
	1130	,,	1005·3	1002·7	...	95·0	77·4	68·5	24·1	44	...	0·3	...	14·6	0	20	11	0	0	0	0	0	3	23	5	0
	1730	,,	1002·4	999·9	...	94·0	78·5	71·3	26·2	49	...	0·7	...	22·2	0	31	0	0	0	0	0	0	0	26	5	0
Rajkot ...	0830	433	1005·7	990·9	-1·4	82·8	79·6	78·0	33·1	86	+17	1·8	-0·5	15·2	0	19	12	0	0	0	0	1	11	16	3	0
	1730	,,	1001·1	987·0	...	103·0	75·0	56·3	16·9	25	...	1·6	...	21·4	0	29	2	2	0	0	0	1	3	16	9	0
												(b)														
Rajkot ... (Aerodrome)	0530	439	1004·6	989·6	...	78·7	76·8	75·9	30·6	91	...	2·4	...	12·5	0	15	16	0	0	0	0	3	19	9	0	0
	0830	,,	1016·2	991·3	...	84·1	79·2	77·0	31·9	80	...	1·5	...	15·9	0	23	8	0	0	0	0	1	18	11	1	0
												(b)														
	1130	,,	1005·6	991·0	...	96·3	79·5	71·4	27·9	46	...	0·4	...	14·8	0	19	12	0	0	0	0	0	11	18	2	0
Veraval ..	0530	26	1005·2	1004·3	...	80·2	78·1	77·3	31·9	91	...	3·1	...	7·9	0	5	22	2	0	0	0	0	3	15	7	4
	0830	,,	1006·9	1006·0	-1·3	82·9	79·7	78·3	33·2	86	+ 4	3·4	+1·0	6·1	0	0	27	1	0	0	0	0	5	14	7	4
	1130	,,	1007·3	1006·4	...	87·2	81·1	78·7	33·4	76	...	2·5	...	8·3	0	0	31	0	0	0	0	0	6	19	6	0
	1730	,,	1004·4	1003·5	...	86·2	81·0	78·8	33·8	79	...	2·1	...	11·7	0	10	21	0	0	0	0	0	5	20	6	0
	2330	,,	1006·3	1005·4	...	82·1	79·5	78·4	33·2	88	...	1·4	...	10·4	0	8	23	0	0	0	0	0	2	19	10	0
Bhavnagar ...	0830	55	1006·9	1005·0	-0·7	85·2	78·0	74·5	29·8	72	+11	1·8	-0·6	6·3	0	0	31	0	0	0	0	1	12	15	3	0
	1730	,,	1001·7	999·9	...	102·3	88·6	84·0	39·8	57	...	1·4	...	8·9	0	0	31	1	1	1	3	15	6	3	1	0
Bhavnagar ... (Aerodrome)	0830	35	1006·5	1005·3	...	86·7	75·4	69·5	24·9	58	...	1·6	...	11·5	0	11	20	1	0	0	0	0	9	15	6	0
	1130	,,	1006·0	1004·8	...	96·9	76·8	66·3	22·3	38	...	1·2	...	11·0	0	13	17	4	1	6	3	0	6	7	3	1
Konkan																										
Dahanu ...	0830	15	1007·1	1006·6	...	86·1	82·1	80·5	35·6	84	...	5·0	...	10·0	0	10	21	2	0	5	4	2	9	8	1	0
	1730	,,	1004·4	1003·9	...	89·7	84·9	83·0	38·8	81	...	2·2	...	15·7	0	29	2	0	0	0	0	0	13	17	1	0
Bombay (Colaba) ...	0830	35	1007·7	1006·5	-1·2	86·2	78·8	75·5	30·3	71	- 3	2·8	-0·5	4·1	0	0	24	3	1	0	6	3	5	4	2	7
	1130	,,	1007·9	1006·7	...	90·3	80·1	75·7	30·5	62	...	2·3	...	6·3	0	1	30	0	0	0	0	3	14	11	3	0
	1730	,,	1005·0	1003·8	...	89·5	80·4	76·5	31·3	66	...	1·8	...	9·4	0	3	28	1	0	0	0	0	7	19	4	0
Bombay (Santa-cruz Aerodrome) ...	0530	27	1005·8	1004·9	...	80·7	76·6	74·7	29·4	82	...	2·8	...	3·3	0	1	16	2	3	1	0	2	5	4	0	14
	0830	,,	1007·6	1006·7	-1·3	86·2	78·7	75·4	30·1	70	- 2	4·4	+1·1	6·2	0	2	23	2	2	0	2	6	5	7	1	6
	1130	,,	1007·8	1006·9	...	89·9	79·3	74·5	29·3	61	...	3·6	...	11·7	0	11	20	0	0	0	0	1	7	15	8	0
	1730	,,	1004·8	1003·9	...	88·8	79·8	76·1	30·7	66	...	2·6	...	14·2	0	20	11	0	0	0	0	0	5	19	7	0
	2330	,,	1007·0	1006·1	...	84·7	79·0	76·6	31·3	77	...	2·3	...	7·5	0	1	29	2	0	0	0	3	7	11	7	1
Alibag ...	0830	23	1008·1	1007·3	-0·5	85·5	81·5	79·9	34·9	84	+12	3·9	+0·1	4·1	0	3	18	1	1	0	5	4	6	1	3	10

(b) Mean of 29 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1007·9	1005·6	...	84·8	79·6	77·3	32·2	79	...	3·4	.	5·9	0	2	29	5	2	2	5	3	2	6	6	0
	1730	,,	1005·3	1003·0	...	86·1	81·2	79·4	34·2	81	...	3·5	...	14·5	0	12	19	0	0	0	0	1	2	17	11	0
												(a)														
Ratnagiri ...	0830	116	1007·8	1003·8	1·3	85·1	79·2	76·5	31·4	76	...	4·1	...	...	0	0	30	2	5	4	2	0	3	9	5	0
	1730	,,	1005·1	1001·4	...	88·7	80·6	77·1	31·9	69	...	3·3	...	...	0	3	28	0	0	0	0	0	1	20	10	0
Devgad ...	0830	117	1008·0	1004·0	...	84·1	79·4	77·3	32·2	80	...	5·0	...	8·1	0	6	25	2	3	2	2	0	2	5	15	0
	1730	,,	1005·5	1001·4	...	88·4	81·2	78·3	33·1	72	...	4·4	...	13·8	0	18	13	1	0	0	0	0	1	11	18	0
Vengurla ...	0530	29	1006·8	1005·8	...	80·7	77·3	75·8	30·5	85	...	3·5	...	...	0	0	6	2	1	0	0	0	0	0	3	25
	0830	,,	1008·5	1007·5	...	85·6	78·8	75·9	30·6	73	...	4·0	...	...	0	0	13	3	1	3	0	0	2	0	4	18
	1130	,,	1008·6	1007·6	...	89·0	79·7	75·7	30·4	66	...	3·5	...	...	0	0	23	1	0	0	0	1	7	10	4	8
	1730	,,	1005·7	1004·7	...	87·5	79·6	76·2	30·9	70	...	3·8	...	...	0	0	20	0	0	0	0	0	4	10	6	11
	2330	,,	1007·8	1006·8	...	83·6	78·4	75·8	30·9	78	...	2·8	...	...	0	0	7	1	0	0	0	1	0	3	2	24
Marmagao ...	0830	202	1008·5	1001·6	−0·5	84·7	78·5	75·8	30·5	75	0	5·3	+1·0	5·5	0	0	31	3	5	3	0	4	1	7	8	0
	1730	,,	1005·6	998·8	...	85·9	78·9	75·9	30·6	72	...	5·2	...	6·2	0	0	31	0	1	0	0	0	4	18	8	0
Honavar ...	0830	85	1008·7	1005·8	...	82·9	78·3	76·3	31·0	80	...	5·5	...	2·9	0	0	30	0	4	13	3	3	0	1	6	1
	1730	,,	1005·8	1002·9	...	87·4	79·8	76·6	31·3	71	...	5·1	...	4·6	0	0	30	0	0	1	0	1	4	15	9	1
Deccan (Desh)																										
Jalgaon ...	0830	660	1005·3	983·1	...	87·1	76·3	70·9	26·1	60	...	1·1	...	19·9	0	26	5	0	0	0	0	0	1	15	15	0
	1730	,,	999·3	978·0	...	108·3	76·2	56·4	16·3	19	...	1·1	...	17·3	0	19	12	0	0	0	0	0	1	15	15	0
Malegaon ...	0830	1432	1005·3	957·9	−1·2	89·8	69·7	55·0	15·7	34	−13	1·3	−0·1	4·9	0	0	28	0	1	0	0	0	4	6	17	3
	1730	,,	1000·0	953·8	...	101·6	70·8	47·0	11·8	17	...	0·6	...	5·9	0	0	31	0	0	0	0	0	2	6	23	0
Deolali ...	0830	1875	897·4	944·5	...	81·7	70·6	64·1	21·1	57	...	2·3	...	10·4	0	11	19	1	0	0	0	0	17	9	3	1
Ahmednagar ...	0830	2154	897·8	934·8	−1·0	83·9	67·5	56·6	16·3	41	0	2·3	+0·9	7·3	0	0	30	0	0	0	0	1	1	2	26	1
	1730	,,	894·6	930·4	...	99·4	69·7	49·5	13·8	21	...	2·8	...	7·2	0	4	27	0	2	0	0	0	2	3	24	0
Poona ...	0530	1834	894·7	943·9	...	74·4	67·5	63·5	20·1	70	...	2·1	...	1·9	0	0	16	0	0	0	0	1	0	13	2	15
	0830	,,	897·0	945·6	−1·2	81·7	69·4	62·4	19·5	53	−5	2·5	+0·5	1·9	0	0	17	0	0	0	0	0	0	15	2	14
	1130	,,	897·7	945·2	...	93·4	69·7	54·3	15·1	30	...	2·0	...	3·4	0	0	25	2	0	0	1	0	0	16	6	6
	1730	,,	894·9	942·1	...	94·7	72·2	58·9	17·8	33	...	2·1	...	4·8	0	0	30	1	0	0	0	0	0	19	10	1
	2330	,,	896·2	944·9	...	80·0	70·1	64·6	21·1	61	...	0·2	...	2·3	0	0	21	0	0	0	0	0	1	18	2	10
Poona (Lohagaon Aerodrome) ...	0530	1937	894·9	940·4	...	73 6	67·1	63·5	20·0	71	...	2·2	...	5·5	0	1	25	0	0	0	0	0	1	24	1	5
	0830	,,	897·1	942·0	...	81·6	68·8	61·1	18·8	51	...	2·5	...	7·1	0	2	29	0	0	0	0	0	0	27	4	0
	1130	,,	897·8	941·6	...	93·7	69·3	54·2	14·5	27	...	2·2	...	9·8	0	8	23	3	1	0	0	1	0	17	9	0
	1730	,,	894·9	938·6	...	94·2	70·8	57·2	16·8	29	...	2·4	...	16·2	0	19	12	1	0	1	0	0	0	20	9	0
	2330	,,	896·3	941·3	...	79·1	69·8	65·0	21·1	62	...	0·9	...	7·2	0	3	25	0	0	0	0	0	0	28	0	3
Jeur ...	0830	1709	896·1	949·0	...	82·6	71·8	66·0	22·2	59	...	2·8	...	10·6	0	10	20	1	0	0	0	0	0	14	15	1
	1730	,,	893·2	944·1	...	100·9	74·0	58·8	17·6	28	...	3·8	...	10·1	0	9	21	2	2	0	1	0	1	12	12	1
Sholapur ...	0530	1570	1004·4	951·8	...	80·2	68·2	60·9	18·7	55	...	2·7	...	1·9	0	0	16	3	0	0	0	0	3	7	3	15
	0830	,,	1005·9	953·7	−1·0	84·8	70·7	62·5	19·9	51	+ 3	2·4	+0·2	2·1	0	0	28	9	3	0	0	0	10	3	3	3
	1130	,,	1004·3	953·0	...	94·9	71·1	56·4	16·3	32	...	2·1	...	4·2	0	0	29	15	4	0	0	0	2	5	3	2
	1730	,,	999·2	948·9	...	102·2	71·0	50·5	13·2	21	...	4·1	...	2·1	0	0	22	6	3	0	0	0	3	4	6	9
	2330	,,	1003·8	952·0	...	88·6	69·3	57·2	16·6	40	...	2·8	...	3·5	0	1	20	3	1	0	0	0	3	13	1	10
Miraj ...	0830	1817	897·4	946·9	−0·2	78·8	71·9	68·5	23·5	72	0	2·6	−0·1	8·4	0	5	26	1	0	0	0	0	5	16	9	0
	1730	,,	894·8	942·7	...	94·5	73·2	61·6	19·2	38	...	4·9	...	8·1	0	3	27	1	2	0	0	0	6	17	4	1
Kolhapur ...	0530	1870	895·2	943·0	...	74·5	70·6	68·5	23·4	82	...	3·2	...	7·3	0	3	28	0	0	1	0	1	0	27	2	0
	0830	,,	897·3	944·8	...	78·8	71·9	68·5	23·7	71	...	3·2	...	8·5	0	1	27	0	0	0	0	0	0	26	2	3
	1130	,,	897·7	944·3	...	89·6	72·0	62·2	19·8	43	...	2·7	...	10·9	0	11	19	1	2	1	0	0	1	20	5	1
	1730	,,	894·6	941·1	...	89·1	74·1	66·6	22·5	49	...	3·6	...	17·3	0	29	2	0	0	0	0	0	1	28	2	0
Bijapur ...	0830	1950	897·1	941·6	−1·0	81·3	70·5	64·7	21·0	61	+ 2	3·1	+0·7	6·9	0	0	31	5	1	0	0	0	6	12	7	0
	1730	,,	893·9	936·7	...	98·7	70·4	52·2	13·8	25	...	5·5	...	6·1	0	0	31	5	8	1	1	1	1	8	6	0
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	898·4	936·7	−0·2	77·9	73·8	71·7	23·9	82	+ 8	5·2	+2·2	6·6	0	0	31	0	0	0	0	0	9	19	3	0
	1730	,,	895·1	932·4	...	91·5	77·0	70·5	25·7	55	...	6·2	...	6·2	0	0	27	0	0	1	0	0	6	17	3	4
Gadag (P.B.O.) ...	0530	2150	896·2	934·0	...	74·1	70·9	69·6	24·6	86	...	4·3	...	...	0	7	23	0	0	0	0	0	10	20	0	1
	0830	,,	898·2	935·8	...	78·1	71·7	69·1	23·9	75	...	4·8	...	...	0	5	25	0	0	0	0	0	8	22	0	1
												(a)														
	1130	,,	898·2	935·3	...	87·1	71·7	64·8	20·2	51	...	4·0	...	...	0	3	21	1	1	0	0	0	10	12	0	6
	1730	,,	895·1	931·7	...	90·2	71·1	62·1	18·3	44	...	5·1	...	...	0	2	22	2	1	2	0	0	6	11	2	7
	2330	,,	897·1	934·8	...	77·3	71·7	69·1	24·3	77	...	4·1	...	...	0	10	20	0	0	0	0	0	14	16	0	1
Hyderabad, North																										
Aurangabad ...	0830	1905	896·7	942·5	−1·5	83·5	69·3	60·7	18·7	49	+ 5	4·5	+2·8	12·1	0	13	18	1	0	0	0	2	2	19	7	0
	1730	,,	894·2	938·3	...	102·4	72·5	54·5	15·1	21	...	5·3	...	12·3	0	10	21	3	0	0	0	0	4	15	9	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	894·3	940 7	...	78·0	65·6	57·0	16·5	52	...	1·2	...	10·1	0	7	22	2	0	0	0	0	0	18	9	2
	0830	,,	896·9	942·5	...	87·9	69·9	58·9	17·6	41	...	1·8	...	13·1	0	19	12	5	0	0	0	0	1	8	17	0
	1130	,,	897·3	942·2	...	96·9	71·2	55·5	15·6	27	...	1·5	...	12·1	0	15	15	8	0	0	0	0	0	3	19	1
	1730	,,	894·0	938·2	...	101·7	70·0	48·6	12·2	18	...	2·4	...	10·3	0	9	22	6	0	0	0	0	0	5	20	0
	2330	,,	895·4	941·2	...	85·3	67·6	55·7	15·9	39	...	0·9	...	12·1	0	14	17	2	0	0	0	0	0	8	21	0
Parbhani ...	0830	1393	1004·9	958·8	...	88 8	71·5	61·5	18·4	42	...	2·0	...	...	0	11	20	0	0	0	0	0	0	31	0	0
	1730	,,	998·0	953·5	...	106·0	73·5	52·6	13·4	18	...	4·0	...	...	0	3	27	11	0	2	0	2	0	15	0	1
Ramagundam ...	0830	513	1004·0	986·9	...	92·2	76·3	18·2	23·7	46	...	3·3	...	5·3	0	0	23	12	1	0	0	3	0	5	2	8
	1730	,,	998·0	981·4	...	107·3	78·8	64·0	20·6	25	...	5·2	...	3·2	0	0	28	4	9	3	1	1	5	3	2	3

(a) Mean of 30 days. * Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1003·3	962·1	-2·0	92·6	71·3	56·5	16·5	34	− 7	3·3	+1·1	1·3	0	0	21	0	1	0	0	1	5	0	14	10
	1730	,,	997·7	957·1	...	103·1	73·3	53·8	14·5	22	...	4·0	...	0·8	0	0	12	0	4	0	0	0	4	0	4	19
Bidar ...	0830	2178	896·6	932·7	...	84·8	68·4	57·7	17·0	45	− 2	3·5	+1·1	12·3	0	14	17	2	0	0	0	0	4	14	11	0
	1730	,,	893·4	928·4	...	98·9	69·8	50·3	13·0	23	...	4·7	...	8·3	0	2	29	4	3	3	1	1	3	4	12	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1005·3	955·3	-1·2	85·7	67·2	54·6	15·3	39	-12	3·6	+1·5	8·1	0	1	30	1	2	1	1	1	2	20	3	0
	1730	,,	993·8	950·3	...	99·6	71·6	53·5	15·0	27	...	6·0	...	7·0	0	2	29	5	1	2	1	2	5	10	5	0
Raichur ...	0830	1311	1005·9	962·1	-1·0	84·7	74·7	69·5	24·8	62	+ 6	4·3	+2·0	13·8	0	15	16	0	0	0	3	0	11	11	6	0
	1730	,,	999·8	957·3	...	98·4	75·0	60·9	19·0	34	...	5·5	...	8·4	0	3	27	1	3	1	2	2	7	6	8	1
Hyderabad (Nizamiah) ...	0830	1778	895·7	945·8	-0·9	86·3	71·5	63·3	20·3	50	0	3·8	+0·8	10·1	0	9	20	2	1	1	2	2	2	11	8	2
	1730	,,	892·8	941·6	...	97·6	73·3	59·0	18·1	32	...	4·9	...	9·8	0	8	18	3	5	2	3	3	1	7	2	5
Hyderabad (Begumpet) ...	0530	1787	893·5	943·7	...	80·9	69·7	63·1	20·2	58	...	4·3	...	11·4	0	11	20	3	1	4	4	1	5	10	3	0
	0830	,,	895·8	945·6	...	85·7	71·1	62·9	20·1	51	...	3·5	...	13·0	0	17	13	3	0	0	5	2	2	12	6	1
	1130	,,	896·1	945·0	...	94·7	72·5	59·9	18·2	35	...	3·2	...	13·5	0	17	14	7	2	0	2	3	3	8	6	0
	1730	,,	892·8	941·4	...	96·7	72·5	58·5	17·4	31	...	5·3	...	11·4	0	8	23	4	5	3	6	2	2	6	3	0
	2330	,,	894·3	943·9	...	86·2	71·0	62·4	19·8	49	...	3·7	...	11·2	0	9	22	2	0	1	9	5	5	7	2	0
Hanamkonda ...	0830	881	1004·0	974·6	-1·5	88·5	75·4	68·5	24·1	53	+ 6	2·5	−0·5	5·2	0	1	30	2	0	2	8	6	4	5	4	0
	1730	,,	998·3	969·7	...	103·2	74·5	55·6	16·1	23	...	3·0	...	5·1	0	3	28	6	2	3	5	3	3	6	3	0
Khammameth ...	0830	367	1004·9	992·5	...	87·5	80·4	77·2	32·1	73	...	4·1	...	6·0	0	2	27	4	0	3	11	6	0	5	0	2
	1730	,,	999·4	987·3	...	102·3	80·8	70·5	26·1	40	...	4·2	...	7·5	0	4	25	3	0	6	5	5	1	8	1	2
Coastal Andhradesa																										
Nellore ...	0530	65	1003·3	1001·1	...	82·1	76·6	74·0	28·8	77	...	4·4	...	5·3	0	2	26	1	0	1	6	8	5	3	4	3
	0830	,,	1005·0	1002·8	-1·1	87·1	77·4	73·1	27·7	64	+ 4	5·2	+1·4	6·1	1	0	28	1	0	0	3	8	3	9	5	2
	1130	,,	1004·0	1001·8	...	96·0	77·9	68·9	23·3	45	...	3·3	...	5·7	0	1	28	3	0	0	6	4	1	9	6	2
	1730	,,	1001·3	999·1	...	91·7	79·2	73·6	28·4	57	...	5·3	...	5·7	0	0	30	0	1	3	13	4	0	6	3	1
	2330	,,	1004·0	1001·8	...	84·3	78·1	75·3	30·0	76	...	3·0	...	4·9	0	0	26	2	0	0	12	7	3	2	0	5
Ongole ...	0830	38	1004·8	1003·5	...	87·3	81·8	79·7	34·6	79	...	3·5	...	5·7	0	1	27	2	1	0	7	2	7	8	1	3
	1730	,,	1000·7	999·4	...	91·6	84·6	82·0	37·4	75	...	3·5	...	8·9	0	5	25	2	0	3	14	1	0	8	2	1
Gannavaram ...	0530	88	1003·3	1000·3	...	82·5	78·3	76·4	31·1	82	...	4·5	...	6·7	0	4	24	0	3	4	7	6	5	1	2	3
	0830	,,	1005·0	1002·0	...	88·3	79·2	75·4	29·9	66	...	4·6	...	10·6	0	10	20	1	2	2	2	11	5	4	3	1
	1130	,,	1004·0	1001·1	...	96·0	78·7	70·4	25·6	46	...	3·6	...	11·5	0	14	17	2	2	1	3	8	4	7	4	0
	1730	,,	1000·6	997·7	...	95·7	78·7	69·8	25·8	47	...	4·6	...	14·3	0	23	8	0	0	4	11	8	2	5	1	0
	2330	,,	1003·9	1000·9	...	84·9	78·2	75·3	29·9	74	...	3·7	...	7·8	0	5	25	0	4	6	6	10	3	0	1	1
Masulipatam ...	0530	10	1002·9	1002·6	...	82·6	79·8	78·5	33·5	88	...	4·9	...	6·6	0	4	24	1	2	1	1	14	4	3	2	3
	0830	,,	1004·7	1004·4	-1·4	87·1	80·5	77·7	32·5	75	+ 3	5·1	+0·4	10·6	0	5	26	2	1	1	3	14	6	2	2	0
	1130	,,	1004·0	1003·7	...	92·0	80·4	75·4	30·1	60	...	4·3	...	11·3	0	8	23	1	0	3	1	14	2	6	4	0
	1730	,,	1001·0	1000·7	...	88·5	81·2	78·2	33·0	72	...	4·5	...	11·3	0	6	24	1	1	1	6	17	1	3	0	1
	2330	,,	1003·9	1003·6	...	84·1	80·5	79·0	34·0	85	...	3·7	...	8·6	0	7	10	2	1	1	2	18	2	1	0	4
Kakinada ...	0830	26	1005·3	1004·4	-1·0	88·7	81·0	77·6	32·6	71	0	4·0	−0·4	7·3	0	3	28	1	6	0	2	1	18	0	3	0
	1730	,,	1001·5	1000·6	...	89·9	81·2	77·5	32·4	68	...	3·5	...	7·9	0	3	27	0	4	0	14	0	12	0	0	1
Visakhapatnam ...	0530	11	1003·4	1003·0	...	82·7	80·0	78·8	33·8	88	...	5·5	...	4·4	0	0	23	0	1	2	2	0	10	7	1	8
	0830	,,	1005·2	1004·8	-0·6	88·4	81·8	79·2	34·1	75	+ 1	4·9	+0·2	11·1	0	13	16	0	2	4	1	2	13	6	1	2
	1130	,,	1004·3	1003·9	...	93·2	82·9	78·8	33·8	64	...	4·2	...	13·5	0	15	16	0	0	3	7	5	15	1	0	0
	1730	,,	1001·6	1001·2	...	87·9	82·4	80·3	35·3	79	...	6·0	...	11·1	0	11	19	0	0	2	8	6	14	0	0	1
	2330	,,	1004·1	1003·7	...	84·0	81·2	79·8	35·1	87	...	4·5	...	5·5	0	1	20	0	3	1	2	0	12	2	1	10
Calingapatam ...	0830	19	1005·0	1004·3	-0·6	84·6	80·2	78·3	33·3	82	+10	5·7	+1·2	10·0	0	7	24	1	2	3	1	8	12	3	1	0
	1730	,,	1001·5	1000·8	...	86·8	81·9	79·7	35·1	81	...	5·8	...	14·8	0	13	18	0	1	4	3	10	11	2	0	0
Rentachintala ...	0830	348	1004·4	992·7	...	87·9	77·2	71·6	27·8	61	− 8	4·5	+0·3	2·6	0	0	25	0	0	1	3	7	3	10	1	6
	1730	,,	999·5	988·1	...	100·7	77·3	64·2	21·4	36	...	4·9	...	3·2	0	1	23	2	0	1	3	4	3	11	0	7
Rayalaseema																										
Arogyavaram ...	0830	2299	898·1	930·3	...	81·2	70·5	64·0	20·7	58	...	5·1	...	5·3	0	0	27	1	0	0	0	7	2	2	15	4
	1730	,,	895·2	926·8	...	90·2	69·8	58·0	15·6	38	...	6·6	...	5·5	0	0	31	6	2	2	3	2	0	3	13	0
Cuddapah ...	0830	428	1006·3	991·9	-0·9	89·6	75·7	68·0	24·0	53	− 1	3·6	+0·4	1·7	0	0	21	0	0	0	0	3	1	17	1	10
	1730	,,	1000·7	986·5	...	98·9	79·2	69·6	25·1	44	...	4·3	...	1·3	0	0	16	0	0	2	1	0	0	10	3	15
Bellary ...	0830	1473	1005·9	956·6	-1·5	83·1	73·8	69·3	24·3	64	+ 9	5·1	+1·7	4·5	0	0	22	0	0	0	1	0	1	1	19	9
	1730	,,	1001·1	953·0	...	94·1	74·2	61·6	19·8	40	...	5·0	...	2·8	0	0	23	0	0	0	1	1	6	2	13	8
Kurnool ...	0830	923	1005·9	974·8	-1·2	84·6	74·7	69·5	24·8	63	+ 8	4·4	+1·3	10·6	0	10	19	0	1	0	0	1	6	17	4	2
	1730	,,	1000·2	969·9	...	96·4	76·0	64·8	20·8	41	...	5·3	...	6·5	0	3	20	0	0	0	1	0	4	17	1	8
Anantapur ...	0530	1147	1004·5	965·7	...	80·5	72·9	68·9	24·3	69	...	4·5	...	8·1	0	6	22	0	1	0	0	1	8	18	0	3
	0830	,,	1006·1	967·5	...	83·3	74·3	69·6	24·9	65	...	4·8	...	8·3	0	5	24	0	0	0	3	0	8	16	2	2
	1130	,,	1005·1	967·1	...	91·2	75·2	66·7	22·6	48	...	3·7	...	7·7	0	4	26	0	0	0	1	1	6	14	8	1
	1730	,,	1000·4	962·9	...	96·6	74·2	60·5	18·7	36	...	5·1	...	6·9	0	1	26	2	2	1	1	0	3	8	10	4
	2330	,,	1004·3	965·9	...	86·1	73·8	66·8	22·9	57	...	4·5	...	11·2	0	11	16	1	0	2	1	0	3	19	1	4
Tamilnad																										
Palayamcottai ...	0830	167	1007·4	1001·7	...	88·7	78·4	73·7	28·5	61	...	4·6	...	4·4	0	0	31	4	2	1	0	2	2	18	2	0
	1730	,,	1004·0	998·4	...	92·3	79·2	73·6	28·1	54	...	5·1	...	10·6	0	6	25	2	0	0	4	7	3	14	1	0
Pamban ...	0830	37	1007·5	1006·1	-0·6	86·1	80·9	78·9	33·7	79	+ 1	4·6	+1·3	12·0	0	11	20	0	0	0	3	5	19	2	2	0
	1730	,,	1004·3	1002·9	.	86·2	81·3	79·0	34·3	80	...	4·9	...	12·6	0	15	16	0	0	0	3	18	9	1	0	0
Mathurai ...	0830	437	1007·0	992·2	-0·9	87·5	76·9	71·8	26·8	60	− 3	5·3	+1·0	2·8	0	0	24	3	1	2	1	0	1	7	9	7
	1730	,,	1002·9	988·3	...	93·9	76·7	69·0	23·5	47	...	6·1	...	4·6	0	0	27	1	2	4	3	3	2	9	3	4

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	Wind speed, (m.p.h.): 13 to 38	Wind speed, (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —*contd.*																										
Nagapattinam ...	0830	31	1007·0	1005·9	−0·7	87·4	78·4	74·2	29·1	65	− 4	5·7	+1·9	5·9	0	0	29	0	1	0	1	5	13	8	1	2
	1730	,,	1003·3	1002·3	...	89·7	80·5	76·4	31·4	67	...	5·2	...	7·8	0	0	31	0	1	1	12	8	7	1	1	0
Tiruchirapalli ...	0530	295	1005·7	995·6	...	82·2	76 1	73·3	28·0	75	..	4·8	...	8·8	0	8	16	0	0	0	1	6	1	14	2	7
	0830	,,	1007·1	997·1	−1·0	86·9	77·7	73·2	28·3	65	0	5·2	+1·8	12·3	0	12	19	0	0	0	2	5	1	18	5	0
	1130	,,	1006·1	996·3	...	95·3	78·9	71·5	26·3	47	...	5·0	...	15·1	0	14	15	0	0	0	0	4	3	13	9	2
	1730	,,	1002·3	992·6	...	98·1	79·4	70·6	25·8	42	...	5·8	...	13·4	0	13	18	1	0	2	5	7	0	10	6	0
	2330	,,	1006·3	996·3	...	86·3	76·9	72·0	27·3	64	...	4·0	...	13·2	0	13	18	0	0	0	2	12	1	12	4	0
Coimbatore ...	0330	1311	1007·7	962·5	−0·6	81·7	75·1	71·7	26·8	73	− 5	4·1	+0·7	5·0	0	0	31	0	0	0	0	15	15	1	0	0
	1730	,,	1003·6	959·1	...	89·0	76·2	69·5	25·0	55	...	5·3	...	7·7	0	0	31	0	0	0	0	15	15	1	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1005·7	961·4	...	76·6	73·2	71·0	26·3	85	...	4·4	...	10·3	0	9	22	0	0	0	0	10	17	3	1	0
	0830	,,	1007·3	963·4	...	81·7	74·6	71·1	26·1	71	...	4·3	...	8·1	0	5	23	1	0	0	2	10	12	2	1	3
	1130	,,	1005·8	962·6	...	89·8	75·3	67·7	23·4	49	...	4·5	...	12·8	0	11	20	1	1	1	2	10	13	3	0	0
	1730	,,	1003·7	959·5	...	89·2	74·4	66 1	22·3	50	...	5·4	...	15·9	0	18	13	0	0	0	3	8	16	4	0	0
	2330	,,	1006·6	962·5	...	79·2	74·1	71·4	26·5	78	...	3·5	...	14·0	0	16	14	0	0	0	0	8	19	3	0	1
Salem* ...	0530	913	1005·5	974·5	...	80·2	74·2	71·2	26·2	75	...	4·6	...	2·9	0	0	25	0	3	2	0	4	4	10	2	5
	0830	,,	1007·2	976·4	−0·8	83·6	75·7	71·9	26·8	69	− 2	4·9	+1·5	4·4	0	0	31	0	1	1	0	1	11	14	3	0
	1130	,,	1006·0	975·6	...	91·8	77·2	70·3	25·2	51	...	4·5	...	5·5	0	0	31	1	1	0	0	3	4	15	7	0
	1730	,,	1001·5	971·5	...	95·3	77·0	67·9	23·3	43	...	5·7	...	3·2	0	0	27	4	2	5	1	3	4	7	1	4
	2330	,,	1005·9	975·2	...	84·5	75·3	70·7	25·8	64	...	4·6	...	4·7	0	1	23	1	1	0	3	7	11	1	0	7
Kallakurichi ...	0830	416	1003·0	991·9	...	86·7	76·5	71·7	26·7	61	...	4·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1001·2	987·5	...	98·3	76·3	65·7	21·8	36	...	4·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1004·7	1003·4	...	82·0	77·1	75·1	29·6	81	...	4·2	...	2·5	0	0	18	0	1	0	5	5	5	2	0	13
	0830	,,	1006·5	1005·2	−0·8	87·0	77·8	73·2	28·4	65	− 3	5·0	+1·7	7·9	0	0	30	0	0	0	2	5	17	6	0	1
	1130	,,	1005·7	1004·4	...	93·5	79·6	73·1	28·2	54	...	4·2	...	4·7	0	0	27	0	0	1	3	9	4	8	2	0	4
	1730	,,	1002·7	1001·4	...	88·6	80·6	77·1	32·0	70	...	4·6	...	4·3	0	0	24	0	0	0	20	2	1	1	0	7
	2330	,,	1005·4	1004·1	...	84·8	78·0	75·3	29·7	73	...	2·8	...	4·6	0	0	20	0	0	0	10	8	1	1	0	11
Vellore ...	0530	703	1004·6	980·7	...	81·2	74·2	70·6	25·7	71	...	4·2	...	4·5	0	0	29	1	2	0	0	7	3	10	6	2
	0830	,,	1006·0	982·3	−0·4	85·8	75·3	70·1	25·2	60	− 3	4·3	+1·7	2·3	0	0	20	0	0	0	0	2	2	11	5	11
	1130	,,	1004·9	981·5	...	93·8	76·1	67·0	22·7	44	...	4·5	...	6·4	0	2	28	2	1	1	3	4	2	9	8	1
	1730	,,	1001·3	978·1	...	94·8	74·5	63·9	20·0	39	...	4·8	...	4·9	0	0	28	2	2	2	5	5	0	5	7	3
	2330	,,	1005·1	981·3	...	84·4	75·2	70·7	25·7	64	...	3·9	...	5·9	0	1	27	1	1	0	3	11	4	3	5	3
Madras ...	0530	51	1004·1	1002·4	...	82·1	77·1	75·1	29·5	80	...	4·4	...	10·5	0	6	24	0	0	0	0	12	6	11	1	1
	0830	,,	1005·9	1004·2	−0·8	86·7	77·6	73·5	28·2	66	+ 6	4·9	+1·5	11·0	0	8	22	1	1	0	0	9	9	9	1	1
	1130	,,	1004·9	1003·2	...	93·9	78·4	71·1	26·1	50	...	4·5	...	12·5	0	13	17	0	0	0	3	6	6	11	4	1
	1730	,,	1003·3	1000·6	...	88·4	79·6	75·5	30·5	67	...	4·5	...	14·4	1	16	14	0	1	1	15	8	1	5	0	0
	2330	,,	1005·1	1003·4	...	83·9	79·3	77·2	32·1	81	...	4·0	...	10·9	1	5	24	0	0	1	7	14	3	3	2	1
Madras (Nungambakkam) ...	0830	21	1005·1	1004·5	...	86·8	77·5	73·1	28·0	65	...	4·7	...	7·4	0	2	27	0	0	0	1	4	15	6	3	2
Malabar and South Kanara																										
Mangalore ...	0530	72	1007·2	1004·7	...	81·2	76·5	75·0	30·0	82	...	6·3	...	4·8	0	0	26	2	4	8	2	1	3	1	5	5
	0830	,,	1008·8	1006·3	−0·8	83·6	77·9	75·3	29·9	76	+ 2	6·7	+1·8	4·1	0	0	29	3	5	10	4	1	0	1	5	2
	1130	,,	1008·6	1006·1	...	87·7	79·3	75·6	30·4	68	...	6·1	...	5·3	0	0	30	3	1	0	1	2	6	12	5	1
	1730	,,	1005·9	1003·4	...	87·2	78·9	75·7	29·9	70	...	5·8	...	6·(	0	0	31	3	1	0	0	1	3	12	11	0
	2330	,,	1008·2	1005·7	...	83·0	77·9	75·5	30·3	79	...	5·4	...	4·3	0	0	24	4	2	3	2	0	0	5	8	7
Kozhikode ...	0530	27	1006·9	1006·0	...	80·1	77·2	75·9	30·6	87	...	6·3	...	4·9	0	1	28	3	10	9	0	0	0	2	5	2
	0830	,,	1008·7	1007·8	−0·6	83·6	78·9	76·8	31·7	80	0	6·0	+1·0	5·2	0	1	29	7	7	5	1	0	0	5	5	1
	1130	,,	1008·6	1007·7	...	88·8	81·1	77·9	32·8	71	...	6·1	...	7·0	0	2	29	3	0	0	0	1	3	12	12	0
	1730	,,	1006·0	1005·1	...	87·8	81·4	78·6	33·8	75	...	6·5	...	12·3	0	11	20	1	0	0	0	2	2	13	15	0
	2330	,,	1008·1	1007·2	...	82·8	78·7	77·0	31·7	83	...	6·1	...	6·8	0	8	18	3	6	5	0	0	0	6	6	5
Palghat ...	0830	319	1008·6	997·7	...	83·1	78·4	76·4	31·1	81	...	5·1	...	6·4	0	0	30	0	0	0	0	0	1	27	2	1
	1730	,,	1004·9	994·0	...	89·4	80·1	75·5	30·9	66	...	5·9	...	10·1	0	2	29	0	0	0	0	0	3	26	2	0
Mysore																										
Chitaldrug ...	0830	2405	898·3	927·4	−0·9	76·4	71·0	68·4	23·7	77	+ 6	5·1	+0·9	5·8	0	0	31	0	0	1	0	0	12	17	1	0
	1730	,,	895·7	923·8	...	88·9	71·5	61·8	19·2	45	...	5·5	...	4·9	0	0	28	0	1	0	0	1	6	16	4	3
Shimoga ...	0830	1872	897·8	945·5	...	77·5	72·9	70·9	25·8	80	...	5·5	...	3·3	0	0	28	0	0	0	0	8	14	5	1	3
	1730	,,	895·2	942·0	...	86·3	73·9	68·6	23·5	59	...	5·3	...	5·7	0	0	31	2	1	0	0	1	9	13	5	0
Hassan ...	0830	3149	900·2	904·5	...	72·7	69·2	67·3	23·0	83	+ 8	5·0	+1·2	8·0	0	2	26	0	0	0	0	0	4	22	2	3
	1730	,,	897·3	901·6	...	79·7	70·8	66·0	22·1	65	...	5·4	...	10·8	0	9	22	0	1	1	1	0	3	23	2	0
Bangalore (Central Observatory) ...	0830	3021	899·5	908·0	−0·7	75·5	69·0	65·5	21·6	72	− 1	4·7	+0·8	9·2	0	8	21	0	0	0	0	1	7	16	5	2
	1130	,,	899·4	907·8	...	83·4	70·7	63·1	20·5	53	...	4·1	...	9·2	0	4	26	0	0	0	0	2	2	23	3	1
	1730	,,	896·3	904·6	...	84·9	68·7	59·0	17·4	45	...	6·3	...	9·4	0	7	24	2	1	3	4	0	2	10	9	0
Bangalore (Aerodrome) ...	0530	2942	897·7	908·8	...	72·1	69·3	67·8	23·3	87	...	4·7	...	...	...	...	...	0	0	0	0	3	3	14	4	7
	0830	,,	899·5	910·5	...	76·3	70·8	68·1	23·5	76	...	5·0	...	...	...	...	...	0	0	0	0	1	5	22	3	0
	1130	,,	899·2	910·2	...	83·8	71·9	66·6	21·9	58	...	4·(	...	...	...	...	...	0	0	0	0	3	3	19	6	0
	1730	,,	896·3	907·0	...	84·9	69·8	61·0	18·.	49	...	6·1	...	...	...	...	...	3	0	5	2	1	0	12	7	1
	2230	,,	898·9	909·9	...	75·8	69·8	66·6	22·.	75	...	5·(	...	...	...	...	...	0	0	1	4	1	4	13	3	5

* Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	899·4	924·5	-0·7	76·1	71·0	68·3	23·9	77	+ 2	5·2	+0·6	5·8	0	0	31	0	0	1	0	1	5	23	1	0
	1730	,,	896·8	921·4	...	85·2	72·1	65·1	21·6	54	...	6·1	...	8·4	0	4	27	1	2	3	1	4	1	19	0	0
Balehonnur ...	0830	2917	...	...	...	72·0	70·5	70·0	24·9	92	+ 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1009·0	1008·7	-0·7	83·6	79·2	77·1	32·1	82	+ 2	7·0	+2·0	4·5	0	0	29	2	9	8	5	1	0	1	3	2
	1730	,,	1005·9	1005·6	...	85·3	79·7	77·4	32·1	78	...	6·8	...	11·2	0	11	20	1	0	0	0	1	3	13	13	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1007·2	1007·0	...	79·3	77·1	75·6	30·8	89	...	6·5	...	2·6	0	0	19	2	7	5	2	0	0	3	0	12
	0830	,,	1008·8	1008·6	...	83·1	78·6	76·6	31·4	81	...	6·4	...	3·7	0	0	27	4	9	7	3	2	1	0	1	4
	1130	,,	1008·7	1008·5	...	86·3	79·1	75·6	30·7	72	...	5·7	...	5·6	0	1	25	2	1	0	1	0	2	10	10	5
	1730	,,	1006·0	1005·8	...	85·1	78·8	76·2	30·7	75	...	6·7	...	7·2	0	2	26	2	0	0	0	1	1	13	12	3
	2330	,,	1008·6	1008·4	...	81·7	77·9	76·2	30·9	84	...	5·3	...	4·1	0	0	30	2	3	5	4	0	2	10	4	1
Alleppey ...	0830	12	1009·0	1008·6	...	83·8	79·8	78·2	33·0	84	...	6·6	...	8·0	0	3	28	1	9	8	2	0	0	6	5	0
	1730	,,	1006·2	1005·8	...	85·6	80·3	78·4	32·9	79	...	6·6	...	14·8	0	19	11	0	0	2	0	0	2	13	13	1
Trivandrum ...	0530	211	1007·3	1000·0	...	78·2	76·6	75·8	30·5	93	...	6·2	...	3·3	0	0	31	11	9	3	0	0	0	2	6	0
	0830	,,	1009·0	1001·7	-0·5	81·3	78·0	76·3	31·2	86	+ 5	5·8	+0·4	2·8	0	0	30	8	7	0	1	0	0	0	14	1
	1130	,,	1008·9	1001·6	...	85·6	78·8	75·8	30·6	73	...	6·1	...	4·6	0	0	31	1	1	0	0	0	4	6	19	0
	1730	,,	1006·5	999·3	...	83·0	78·2	76·1	30·8	81	...	6·7	...	5·5	0	1	29	2	1	0	0	0	8	3	16	1
	2330	,,	1008·9	1001·7	...	79·4	77·1	76·1	30·7	89	...	6·2	...	3·0	0	0	26	9	5	0	0	0	1	3	7	5
Nagercoil ...	0530	195	1006·5	999·8	...	79·5	76·4	74·9	29·7	87	...	5·5	...	8·5	0	7	24	0	0	0	0	0	0	25	6	0
	0830	,,	1008·4	1001·8	...	83·2	77·8	75·6	30·1	78	...	6·6	...	10·0	0	6	25	1	0	0	0	0	0	20	10	0
	1130	,,	1003·2	1001·6	...	88·4	78·9	74·9	29·4	66	...	6·7	...	12·8	0	14	17	0	0	0	0	0	2	18	11	0
	1730	,,	1005·9	999·3	...	83·5	77·6	75·0	30·7	76	...	7·1	...	12·9	0	11	20	0	0	0	0	0	1	25	5	0
	2330	,,	1008·2	1001·5	...	80·7	76·8	75·4	29·7	83	...	5·8	...	9·6	0	6	24	0	0	0	0	0	0	26	4	1
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	897·6	887·9	...	71·2	67·2	64·9	21·2	81	...	6·1	...	3·7	0	0	30	0	1	7	4	3	9	5	1	1
	1730	,,	894·9	885·3	...	72·8	68·6	66·0	23·4	80	...	5·5	...	4·7	0	1	29	0	0	1	1	2	12	11	3	1
Shillong ...	0830	4921	898·1	848·0	+0·1	67·5	62·2	58·6	16·7	74	+ 6	6·2	+1·2	1·0	0	0	11	0	0	0	0	2	7	1	1	20
	1730	,,	895·4	845·4	...	67·4	63·3	60·6	18·3	80	...	5·9	...	0·8	0	0	6	0	0	0	0	1	5	0	0	25
Cherrapunji ...	0830	4309	898·8	857·0	+0·1	66·2	63·1	61·1	18·5	85	+ 6	6·2	+0·4	2·3	0	0	29	2	9	1	2	1	10	2	2	2
	1730	,,	895·9	864·x	...	66·9	64·8	63·6	20·2	90	...	5·8	...	2·4	0	0	31	0	2	0	2	2	19	5	1	0
Darjiling ...	0830	7432	799·2	774·9	-0·3	57·9	56·7	55·9	15·4	94	+ 8	7·0	+1·4	4·9	0	0	31	0	1	8	3	0	2	17	0	0
	1730	,,	796·8	772·6	...	57·5	56·2	55·4	14·8	93	...	6·3	...	7·0	0	3	27	0	0	5	2	0	5	17	1	1
Darjiling (Raj Bhawan) ...	0330	6980	802·6	791·2	...	60·8	58·0	55·8	15·3	85	...	6·8	...	1·1	0	0	17	3	1	0	1	1	6	2	3	14
	1730	,,	799·5	783·3	...	60·3	57·2	54·5	15·0	83	...	6·9	...	1·9	0	0	22	0	0	0	1	1	12	6	2	9
Kalimpong ...	0830	3965	896·5	875·3	-1·6	67·8	64·7	62·5	19·7	84	+ 5	1·9	2·3	2·5	0	0	23	0	0	0	1	0	0	0	22	8
	1730	,,	893·4	871·7	...	69·8	66·5	64·3	20·6	84	...	3·2	...	3·5	0	0	30	0	0	0	29	0	0	0	1	1
Katmandu ...	0830	4388	898·9	864·9	...	70·7	64·4	60·7	17·9	71	+ 4	3·9	-0·6	0·3	0	0	5	0	0	3	1	0	0	0	0	26
	1730	,,	895·1	861·6	...	76·0	66·2	60·4	17·8	60	...	5·0	...	1·6	0	0	11	4	0	3	0	0	0	1	3	20
Mukteswar (Kumaon) ...	0830	7592	799·7	771·2	-0·5	63·0	49·8	36·5	7·6	39	− 2	2·0	0	5·9	0	1	29	0	2	2	1	2	5	14	4	1
	1730	,,	797·8	769·7	...	67·7	53·9	42·5	9·7	42	...	2·7	...	13·5	0	20	11	0	4	1	0	0	6	18	2	0
Lokpal ...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	798·8	795·2	...	67·8	53·8	42·1	8·5	41	− 4	1·9	-0·3	1·7	0	0	22	5	5	0	5	6	1	0	0	9
	1730	,,	797·3	793·6	...	70·9	55·4	42·5	8·8	37	...	2·6	...	3·2	0	0	27	4	3	0	8	10	0	0	2	4
Simla ...	0830	7224	798·7	780·5	-0·1	68·4	51·4	34·5	6·7	31	− 4	2·4	+0·3	1·9	0	0	26	4	5	2	4	6	2	2	1	5
	1730	,,	797·8	779·6	...	69·6	52·4	36·2	7·5	33	...	4·3	...	1·9	0	0	29	5	2	1	3	6	6	4	2	2
Dalhousie ...	0830	...	....	...	...	67·7	61·4	57·3	16·3	72	...	1·7	...	3·7	0	1	13	0	12	1	0	0	0	0	1	17
	1730	...	...	...	...	71·2	63·4	60·1	17·1	68	...	1·9	...	5·2	0	2	16	1	15	0	0	0	0	0	2	13
Dharamshala ...	0830	3975	901·4	880·0	...	79·7	66·7	56·5	17·0	45	...	1·8	...	1·3	0	0	19	5	0	12	0	0	0	2	0	12
	1730	,,	900·2	879·3	...	84·7	63·8	51·0	11·6	34	...	2·5	...	1·5	0	0	27	8	1	5	0	1	0	11	1	4
Pachmarhi ...	0830	3528	898·2	890·8	-0·8	85·1	66·2	53·5	14 3	35	0	2·1	+0·1	5·5	0	0	31	3	2	1	1	1	0	7	•16	0
	1730	,,	894·8	887·5	...	95·4	68·2	49·5	12·5	23	...	2·7	...	2·5	0	0	28	2	1	1	0	1	2	11	10	3
Abu ...	0830	3921	897·6	878·3	-0·9	81·1	59·6	39·1	8·8	24	−12	0·1	-0·7	3·0	0	0	20	1	1	1	0	0	6	9	2	11
	1730	,,	896·2	877·1	...	89·2	62·8	40·8	8·8	20	...	1·2	...	2·4	0	0	26	0	0	0	2	6	9	7	2	5
Mahabaleshwar ...	0830	4534	900·0	861·7	-0·3	71·1	61·5	53·3	14·8	60	+ 7	3·1	+0·2	8·3	0	1	30	10	4	1	0	0	3	8	5	0
	1730	,,	897·4	859·5	...	76·9	68·8	64·2	20·7	68	...	3·2	...	6·6	0	0	31	6	0	1	0	0	2	8	14	0
Nandi Hills ...	0830	,,	...	...	...	69·9	64·2	60·0	18·2	73	...	5·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	901·4	886·0	+1·0	69·5	67·6	66·6	22·3	91	+ 7	5·3	+0·2	4·1	0	0	29	0	0	0	0	0	0	14	15	2
	1730	,,	898·7	883·5	...	74·9	70·4	68·2	23·6	80	...	5·0	...	2·5	0	0	31	0	0	1	0	0	0	15	15	0
Kodaikanal ...	0830	7688	802·2	771·1	+0·2	61·5	53·6	46·6	11·3	61	− 2	6·2	+2·6	9·7	0	8	20	2	7	3	4	0	0	1	11	3
	1130	,,	802·1	771·3	...	65·9	57·1	50·5	12·8	60	...	6·4	...	9·5	0	10	20	1	6	4	5	6	0	0	14	1
	1730	,,	800·5	769·5	...	61·6	56·7	53·7	14·0	75	...	6·8	...	9·8	0	7	24	1	8	0	9	0	0	1	12	0
Ootacamund ...	0830	7378	801·6	779·0	-0·4	61·7	55·4	50·9	12·7	69	+ 5	4·7	+0·8	4·2	0	2	25	1	8	8	0	0	0	5	5	4
	1730	,,	799·8	777·3	...	63·5	57·8	54·0	14·3	72	...	5·6	...	2·9	0	0	20	2	4	6	0	0	0	6	2	11
Coonoor ...	0830	...	...	...	...	70·8	61·6	55·8	15·4	59	+ 2	3·9	-0·3	3·5	0	0	25	3	0	0	4	11	0	6	1	6
Sikkim																										
Lachen * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	54·7	53·1	52·8	13·3	91	+8	0·3	-3·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	629·6	655·2	...	55·1	51·9	50·0	12·3	82	...	3·7	...	0·3	0	0	3	0	0	1	0	1	1	0	0	28
Gyantse ...	0830	13,110	623·3	624·5	...	52·9	41·3	28·6	5·3	40	-8	2·5	-0·1	0·9	0	0	13	0	1	2	3	1	6	0	0	18
Ceylon																										
Colombo ...	0830	24	1009·0	1003·5	-0·6	82·3	79·0	77·3	32·3	86	+1	6·8	+0·9	7·1	0	4	27	0	1	2	7	5	12	4	0	0
	1730	,,	1006·9	1003·0	...	84·0	79·0	76·4	31·6	79	...	7·3	...	9·8	0	9	22	0	0	0	1	1	20	9	0	0
Trincomalee ...	0830	24	1007·6	1006·8	0	84·0	77·5	74·3	29·3	73	-5	5·8	+1·4	11·2	0	15	16	0	0	0	0	1	27	2	1	0
	1730	,,	1004·8	1004·0	...	86·7	78·2	74·4	29·1	67	...	5·7	...	11·3	0	14	17	0	1	6	4	1	19	0	0	0
Batticoloa ...	0830	20	1007·5	1007·2	...	84·0	79·7	77·7	32·7	82	...	5·2	...	4·4	0	0	30	0	3	1	4	8	3	8	3	1
	1730	,,	1005·0	1004·7	...	86·9	81·6	79·2	34·5	79	...	5·2	...	9·3	0	6	25	0	4	6	10	2	2	6	1	0
Hambantota ...	0830	61	1008·8	1006·8	-0·2	82·1	78·6	76·9	31·8	85	-1	5·3	+1·4	12·5	0	17	14	0	0	0	0	0	16	12	3	0
	1730	,,	1006·5	1004·5	...	81·8	78·3	76·9	31·5	85	...	6·1	...	18·1	0	28	3	1	0	0	0	0	22	7	1	0
Mannar ...	0830	12	1007·8	1007·4	...	85·8	80·8	78·6	33·3	80	...	6·1	...	8·5	0	3	27	0	0	0	0	11	18	1	0	1
	1730	,,	1004·9	1004·5	...	83·7	81·0	78·9	33·6	77	...	6·3	...	9·8	0	11	20	0	0	0	0	5	25	1	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1002·4	975·6	...	78·2	73·5	71·1	26·1	79	...	3·0	...	3·5	0	0	24	0	0	2	18	0	2	0	2	7
	0830	,,	1003·4	977·1	...	86·4	75·9	70·9	25·8	61	...	2·4	...	6·4	0	1	29	0	0	1	17	1	8	1	2	1
	1130	,,	1002·0	976·2	...	96·2	76·3	64·7	21·9	39	...	2·3	...	6·5	0	0	31	1	0	0	19	0	7	2	2	0
	1730	,,	998·6	972·7	...	92·6	73·0	59·9	19·1	40	...	4·0	...	7·2	0	3	25	2	1	3	13	0	2	0	7	3
	2330	,,	1002·3	975·8	...	82·2	73·9	69·5	24·8	66	...	2·3	...	5·7	0	2	27	3	1	1	17	1	1	3	2	2
Hazaribagh ...	0530	2019	892·4	934·6	...	75·5	69·6	66·7	22·3	75	...	2·5	...	3·6	0	0	29	1	0	3	2	14	6	2	1	2
	0830	,,	894·5	935·9	...	84·5	72·1	65·7	21·8	56	...	1·5	...	6·2	0	1	30	0	0	3	2	12	9	4	1	0
	1130	,,	894·6	935·3	...	93·8	71·9	64·4	17·7	34	...	1·2	...	5·8	0	0	30	2	0	2	3	7	8	5	3	1
	1730	,,	891·5	932·5	...	88·9	70·0	57·8	17·3	42	...	3·5	...	5·1	0	0	31	3	0	9	8	2	1	2	6	0
	2330	,,	892·8	934·7	...	79·2	69·6	64·5	20·9	62	...	1·6	...	3·8	0	0	28	1	0	6	9	9	3	0	0	3
Mahanadi Catchment																										
Baramul ...	0830	210	1004·3	997·1	...	87·7	78·9	75·1	29·8	66	...	0	...	1·6	0	0	16	0	1	3	2	2	5	1	2	15
	1730	,,	999·2	992·1	...	97·0	79·2	70·2	26·0	46	...	0	...	2·2	0	1	18	4	1	0	1	0	5	1	7	12
Hirakud ...	0830	522	1003·3	985·6	...	90·5	76·8	68·6	24·8	51	...	0	...	0·6	0	0	9	0	1	4	0	4	0	0	0	22
	1730	,,	998·5	981·6	...	101·2	76·4	61·6	19·8	32	...	0	...	1·0	0	0	12	0	0	4	2	3	2	1	0	19
Barkachhar ...	0830	...	...	...	...	94·9	75·3	64·7	21·3	40	...	...	...	9·0	0	9	22	1	0	4	3	2	14	5	2	0
	1730	...	...	...	...	104·6	75·0	56·4	17·2	23	...	...	...	4·0	0	0	31	3	2	5	3	1	5	7	5	0
Sonepur ...	0830	...	...	...	...	91·2	79·3	73·0	28·8	57	...	...	...	3·4	0	1	29	0	1	6	10	0	3	7	3	1
Ginabahar ...	0830	...	...	...	...	88·0	87·7	87·4	44·6	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ... *	0830	...	...	...	...	95·2	75·5	64·1	20·2	39	...	1·7	...	4·6	0	1	27	1	2	0	7	3	7	7	1	3
	1730	...	...	...	...	105·8	73·5	50·3	13·7	18	...	2·2	...	4·6	0	1	18	2	3	1	0	3	2	7	1	2
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	61·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath + ...	0830	...	...	...	...	47·3	42·7	38·1	7·9	72	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	91·2	73·4	62·8	20·1	41	...	0·3	...	6·5	0	2	29	0	1	0	0	0	23	7	0	0
	1730	...	...	...	...	101·6	73·7	51·1	15·6	17	...	1·4	...	8·5	0	7	24	0	0	1	0	1	18	7	4	0
Bagra Tawa ...	0830	...	...	...	...	93·7	72·6	58·8	17·9	32	...	1·6	...	7·6	0	1	28	0	0	2	1	0	26	0	0	2
	1730	...	...	...	...	106·7	75·9	57·8	16·5	22	...	1·6	...	6·0	0	1	28	0	0	0	1	0	28	0	0	2
Thikri ...	0830	...	...	...	...	89·6	76·3	69·8	24·5	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	88·3	79·9	73·1	31·8	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	84·6	72·7	66·3	22·1	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	91·5	83·4	80·3	35·5	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 21 days.

\+ Observations for 20 days.

Division and station.	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	899·4	924·5	-0·7	76·1	71·0	68·3	23·9	77	+ 2	5·2	+0·6	5·8	0	0	31	0	0	1	0	1	5	23	1	0
	1730	,,	896·8	921·4	...	85·2	73·1	65·1	21·6	54	...	6·1	...	8·4	0	4	27	1	2	3	1	4	1	19	0	0
Balehonnur ...	0830	2917	...	...	...	72·0	70·5	70·0	24·9	92	+ 6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1009·0	1008·7	-0·7	83·6	79·2	77·1	32·1	82	+ 2	7·0	+2·0	4·5	0	0	29	2	9	8	5	1	0	1	3	2
	1730	,,	1005·9	1005·6	...	85·3	79·7	77·4	32·1	78	...	6·8	...	11·2	0	11	20	1	0	0	0	1	3	13	13	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1007·2	1007·0	...	79·3	77·1	75·6	30·8	89	...	6·5	...	2·6	0	0	19	2	7	5	2	0	0	3	0	12
	0830	,,	1008·8	1008·6	...	83·1	78·6	76·6	31·4	81	...	6·4	...	3·7	0	0	27	4	9	7	3	2	1	0	1	4
	1130	,,	1008·7	1008·5	...	86·3	79·1	75·8	30·7	72	...	5·7	...	5·6	0	1	25	2	1	0	1	0	2	10	10	5
	1730	,,	1006·0	1005·8	...	85·1	78·8	76·2	30·7	75	...	6·7	...	7·2	0	2	26	2	0	0	0	0	1	13	12	3
	2330	,,	1008·6	1008·4	...	81·7	77·9	76·2	30·9	84	...	5·3	...	4·1	0	0	30	2	3	5	4	0	2	10	4	1
Alleppey ...	0830	12	1009·0	1008·6	...	83·8	79·8	78·2	33·0	84	...	6·6	...	8·0	0	3	28	1	9	8	2	0	0	6	5	0
	1730	,,	1006·2	1005·8	...	85·6	80·3	78·5	32·9	79	...	6·6	...	14·8	0	19	11	0	0	2	0	0	2	13	13	1
Trivandrum ...	0530	211	1007·3	1000·0	...	78·2	76·6	75·8	30·5	93	...	6·2	...	3·3	0	0	31	11	9	3	0	0	0	2	6	0
	0830	,,	1009·0	1001·7	-0·5	81·3	78·0	76·3	31·2	86	+ 5	5·8	+0·4	2·8	0	0	30	8	7	0	1	0	0	0	14	1
	1130	,,	1008·9	1001·6	...	85·6	78·8	75·8	30·6	73	...	6·1	...	4·6	0	0	31	1	1	0	0	0	4	6	19	0
	1730	,,	1006·5	999·3	...	83·0	78·2	76·1	30·8	81	...	6·7	...	5·5	0	1	29	2	1	0	0	0	8	3	16	1
	2330	,,	1008·9	1001·7	...	79·4	77·1	76·1	30·7	89	...	6·2	...	3·0	0	0	26	9	6	0	0	0	1	3	7	5
Nagercoil ...	0530	195	1006·5	999·8	...	79·5	76·4	74·9	29·7	87	...	5·5	...	8·5	0	7	24	0	0	0	0	0	0	25	6	0
	0830	,,	1008·4	1001·8	...	83·2	77·8	75·6	30·1	78	...	6·6	...	10·0	0	6	25	1	0	0	0	0	0	20	10	0
	1130	,,	1003·2	1001·6	...	88·4	78·9	74·9	29·4	66	...	6·7	...	12·8	0	14	17	0	0	0	0	0	2	18	11	0
	1730	,,	1005·9	999·3	...	83·5	77·6	75·0	30·7	76	...	7·1	...	12·9	0	11	20	0	0	0	0	0	1	25	5	0
	2330	,,	1008·2	1001·5	...	80·7	76·8	75·4	29·7	83	...	5·8	...	9·6	0	6	24	0	0	0	0	0	0	26	4	1
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	897·6	887·9	...	71·2	67·2	64·9	21·2	81	...	6·1	...	3·7	0	0	30	0	1	7	4	3	9	5	1	1
	1730	,,	894·9	885·3	...	72·8	68·6	66·0	23·4	80	...	5·5	...	4·7	0	1	29	0	0	1	1	2	12	11	3	1
Shillong ...	0830	4921	898·1	848·0	+0·1	67·5	62·2	58·6	16·7	74	+ 6	6·2	+1·2	1·0	0	0	11	0	0	0	2	7	1	1	20
	1730	,,	895·4	845·4	...	67·4	63·3	60·6	18·3	80	...	5·9	...	0·8	0	0	6	0	0	0	0	1	5	0	0	25
Cherrapunji ...	0830	4309	898·8	867·0	+0·1	66·2	63·1	61·1	18·5	85	+ 6	6·2	+0·4	2·3	0	0	29	2	9	1	2	1	10	2	2	2
	1730	,,	895·9	864·2	...	66·9	64·8	63·6	20·2	90	...	5·8	...	2·4	0	0	31	0	2	0	2	2	19	5	1	0
Darjiling ...	0330	7432	799·2	774·9	-0·3	57·9	56·7	55·9	15·4	94	+ 8	7·0	+1·4	4·9	0	0	31	0	1	8	3	0	2	17	0	0
	1730	,,	796·8	772·6	...	57·5	56·2	55·4	14·8	93	...	6·3	...	7·0	0	3	27	0	0	5	2	0	5	17	1	1
Darjiling (Raj Bhawan) ...	0330	6980	802·6	791·2	...	60·8	58·0	55·8	15·3	85	...	6·8	...	1·1	0	0	17	3	1	0	1	1	6	2	3	14
	1730	,,	799·5	783·3	...	60·3	57·2	54·5	15·0	83	...	6·9	...	1·9	0	0	22	0	0	0	1	1	12	6	2	9
Kalimpong ...	0830	3965	896·5	875·3	-1·6	67·8	64·7	62·5	19·7	84	+ 5	1·9	2·3	2·5	0	0	23	0	0	0	1	0	0	0	22	8
	1730	,,	893·4	871·7	...	69·8	66·5	64·3	20·6	84	...	3·2	...	3·5	0	0	30	0	0	0	29	0	0	0	1	1
Katmandu ...	0830	4388	898·9	864·9	...	70·7	64·4	60·7	17·9	71	+ 4	3·9	-0·6	0·3	0	0	5	0	0	3	1	1	0	0	0	26
	1730	,,	895·1	861·6	...	76·0	66·2	60·4	17·8	60	...	5·0	...	1·6	0	0	11	4	0	3	0	0	0	1	3	20
Mukteswar (Kumaon) ...	0830	7592	799·7	771·2	-0·5	63·0	49·8	36·5	7·6	39	- 2	2·0	0	5·9	0	1	29	0	2	2	1	2	5	14	4	1
	1730	,,	797·8	769·7	...	67·7	53·9	42·5	9·7	42	...	2·7	...	13·5	0	20	11	0	4	1	0	0	6	18	2	0
Lokpal ...	...	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	798·8	795·2	...	67·8	53·8	42·1	8·5	41	- 4	1·9	-0·3	1·7	0	0	22	5	5	0	5	6	1	0	0	9
	1730	,,	797·3	793·6	...	70·9	55·4	42·5	8·8	37	...	2·6	...	3·2	0	0	27	4	3	0	8	10	0	0	2	4
Simla ...	0830	7224	798·7	780·5	-0·1	68·4	51·4	34·5	6·7	31	- 4	2·4	+0·3	1·9	0	0	26	4	5	2	4	6	2	2	1	5
	1730	,,	797·8	779·6	...	69·6	52·4	36·2	7·5	33	...	4·3	...	1·9	0	0	29	5	2	1	3	6	6	4	2	2
Dalhousie ...	0830	...	...	...	...	67·7	61·4	57·3	16·3	72	...	1·7	...	3·7	0	1	13	0	12	1	0	0	0	0	1	17
	1730	...	...	...	...	71·2	63·4	60·1	17·1	68	...	1·9	...	5·2	0	2	16	1	15	0	0	0	0	0	2	13
Dharamshala ...	0830	3975	901·4	880·0	...	79·7	66·7	56·5	17·0	45	...	1·8	...	1·3	0	0	19	5	0	12	0	0	0	2	0	12
	1730	,,	900·2	879·3	...	84·7	63·8	51·0	11·6	34	...	2·5	...	1·5	0	0	27	8	1	5	0	1	0	11	1	4
Pachmarhi ...	0830	3528	898·2	890·8	-0·8	85·1	66·2	53·5	14 3	35	0	2·1	+0·1	5·5	0	0	31	3	2	1	1	1	0	7	16	0
	1730	,,	894·8	887·5	...	95·4	68·2	49·5	12·5	23	...	2·7	...	2·5	0	0	28	2	1	1	0	1	2	11	10	3
Abu ...	0830	3931	897·6	878·3	-0·9	81·1	59·6	39·1	8·8	24	-12	0·1	-0·7	3·0	0	0	20	1	1	1	0	0	6	9	2	11
	1730	,,	896·2	877·1	...	89·2	62·8	40·8	8·8	20	...	1·2	...	2·4	0	0	26	0	0	0	2	6	9	7	2	5
Mahabaleshwar ...	0830	4534	900·0	861·7	-0·3	71·1	61·5	53·3	14·8	60	+ 7	3·1	+0·2	8·3	0	1	30	10	4	1	0	0	3	8	5	0
	1730	,,	897·4	859·5	...	76·9	68·8	64·2	20·7	68	...	3·2	...	6·6	0	0	31	6	0	1	0	0	2	8	14	0
Nandi Hills ...	0830	...	...	...	...	69·9	64·2	60·0	18·2	73	...	5·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	901·4	886·0	+1·0	69·5	67·6	66·6	22·3	91	+ 7	5·3	+0·2	4·1	0	0	29	0	0	0	0	0	0	14	15	2
	1730	,,	898·7	883·5	...	74·9	70·4	68·2	23·6	80	...	5·0	...	2·5	0	0	31	0	0	1	0	0	0	15	15	0
Kodaikanal ...	0830	7688	802·2	771·1	+0·2	61·5	53·6	46·6	11·3	61	- 2	6·2	+2·6	9·7	0	8	20	2	7	3	4	0	0	1	11	3
	1130	,,	802·1	771·3	...	65·9	57·1	50·5	12·8	60	...	6·4	...	9·5	0	10	20	1	6	4	5	0	0	0	14	1
	1730	,,	800·5	769·5	...	61·6	56·7	53·7	14·0	75	...	6·8	...	9·8	0	7	24	1	8	0	9	0	0	1	12	0
Ootacamund ...	0830	7378	801·6	779·0	-0·4	61·7	55·4	50·9	12·7	69	+ 5	4·7	+0·8	4·2	0	2	25	1	8	8	0	0	0	5	5	4
	1730	,,	799·8	777·3	...	63·5	57·8	54·0	14·3	72	...	5·6	...	2·9	0	0	20	2	4	6	0	0	0	6	2	11
Coonoor ...	0830	...	...	...	...	70·8	61·6	55·8	15·4	59	+ 2	3·9	-0·3	3·5	0	0	25	3	0	0	4	11	0	6	1	6
Sikkim																										
Lachen * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—MAY 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	54·7	53·1	52·8	13·3	91	+8	0·3	-3·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	629·6	655·2	...	55·1	51·9	50·0	12·3	82	...	3·7	...	0·3	0	0	3	0	0	1	0	1	1	0	0	28
Gyantse ...	0830	13,110	623·8	624·5	...	52·9	41·3	28·6	5·3	40	-8	2·5	-0·1	0·9	0	0	13	0	1	2	3	1	6	0	0	18
Ceylon																										
Colombo ...	0330	24	1009·0	1008·5	-0·6	82·3	79·0	77·3	32·3	86	+1	6·8	+0·9	7·1	0	4	27	0	1	2	7	5	12	4	0	0
	1730	,,	1006·9	1006·0	...	84·0	79·0	76·4	31·6	79	...	7·3	...	9·8	0	9	22	0	0	0	1	1	20	9	0	0
Trincomalee ...	0830	24	1007·6	1006·8	0	84·0	77·5	74·3	29·3	73	-5	5·8	+1·4	11·2	0	15	16	0	0	0	0	1	27	2	1	0
	1730	,,	1004·8	1004·0	...	86·7	78·2	74·4	29·1	67	...	5·7	...	11·3	0	14	17	0	1	6	4	1	19	0	0	0
Batticoloa ...	0830	20	1007·5	1007·2	...	84·0	79·7	77·7	32·7	82	...	5·2	...	4·4	0	0	30	0	3	1	4	8	3	8	3	1
	1730	,,	1005·0	1004·7	...	86·9	81·6	79·2	34·5	79	...	5·2	...	9·3	0	6	25	0	4	6	10	2	2	6	1	0
Hambantota ...	0830	61	1008·8	1006·8	-0·2	82·1	78·6	76·9	31·8	85	-1	5·3	+1·4	12·5	0	17	14	0	0	0	0	0	16	12	3	0
	1730	,,	1006·5	1004·5	...	81·8	78·3	76·9	31·5	85	...	6·1	...	18·1	0	28	3	1	0	0	0	0	22	7	1	0
Mannar ...	0830	12	1007·8	1007·4	...	85·8	80·8	78·6	33·3	80	...	6·1	...	8·5	0	3	27	0	0	0	0	11	18	1	0	1
	1730	,,	1004·9	1004·5	...	86·7	81·0	78·9	33·6	77	...	6·3	...	9·8	0	11	20	0	0	0	0	5	25	1	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1002·4	975·6	...	78·2	73·5	71·1	26·1	79	...	3·0	...	3·5	0	0	24	0	0	2	18	0	2	0	2	7
	0830	,,	1003·4	977·1	...	86·4	75·9	70·9	25·8	61	...	2·4	...	6·4	0	1	29	0	0	1	17	1	8	1	2	1
	1130	,,	1002·0	976·2	...	96·2	76·3	64·7	21·9	39	...	2·3	...	6·5	0	0	31	1	0	0	19	0	7	2	2	0
	1730	,,	998·6	972·7	...	92·6	73·0	59·9	19·1	40	...	4·0	...	7·2	0	3	25	2	1	3	13	0	2	0	7	3
	2330	,,	1002·3	975·8	...	82·3	73·9	69·5	24·8	66	...	2·3	...	5·7	0	2	27	3	1	1	17	1	1	3	2	2
Hazaribagh ...	0530	2019	892·4	934·6	...	75·5	69·6	66·7	22·3	75	...	2·5	...	3·6	0	0	29	1	0	3	2	14	6	2	1	2
	0830	,,	894·5	935·9	...	84·5	73·1	65·7	21·8	56	...	1·5	...	6·2	0	1	30	0	0	3	2	12	9	4	1	0
	1130	,,	894·6	935·3	...	93·8	71·9	64·4	17·7	34	...	1·2	...	5·8	0	0	30	2	0	2	3	7	8	5	3	1
	1730	,,	891·5	932·5	...	88·9	70·0	57·8	17·3	42	...	3·5	...	5·1	0	0	31	3	0	9	8	2	1	2	6	0
	2330	,,	892·8	934·7	...	79·2	69·6	64·5	20·9	62	...	1·6	...	3·8	0	0	28	1	0	6	9	9	3	0	0	3
Mahanadi Catchment																										
Baramul ...	0830	210	1004·3	997·1	...	87·7	78·9	75·1	29·8	68	...	0	...	1·6	0	0	16	0	1	3	2	2	5	1	2	15
	1730	,,	999·2	992·1	...	97·0	79·2	70·2	26·0	46	...	0	...	2·2	0	1	18	4	1	0	1	0	5	1	7	12
Hirakud ...	0830	522	1003·3	985·6	...	90·5	76·8	68·6	24·8	51	...	0	...	0·6	0	0	9	0	1	4	0	4	0	0	0	22
	1730	,,	998·5	981·6	...	101·2	76·4	61·6	19·8	32	...	0	...	1·0	0	0	12	0	0	4	2	3	2	1	0	19
Barkachhar ...	0830	...	...	...	...	94·9	75·3	64·7	21·3	40	...	...	...	9·0	0	9	22	1	0	4	3	2	14	5	2	0
	1730	...	...	...	...	104·6	75·0	56·4	17·2	23	...	...	...	4·0	0	0	31	3	2	5	3	1	5	7	5	0
Sonepur ...	0830	...	...	...	...	91·2	79·3	73·0	28·8	57	...	...	...	3·4	0	1	29	0	1	6	10	0	3	7	3	1
Ginabahar ...	0830	...	...	...	...	88·0	87·7	87·4	44·6	98	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ... *	0830	...	...	...	...	95·2	75·5	64·1	20·2	39	...	1·7	...	4·6	0	1	27	1	2	0	7	3	7	7	1	3
	1730	...	...	...	...	105·8	73·5	50·3	13·7	18	...	2·2	...	4·6	0	1	18	2	3	1	0	3	2	7	1	2
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	61·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath + ...	0830	...	...	...	...	47·3	42·7	38·1	7·9	72	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	91·2	73·4	62·8	20·1	41	...	0·3	...	6·5	0	2	29	0	1	0	0	0	23	7	0	0
	1730	...	...	...	...	101·6	73·7	51·1	15·6	17	...	1·4	...	8·5	0	7	24	0	0	1	0	1	18	7	4	0
Bagra Tawa ...	0830	...	...	...	...	93·7	72·6	58·8	17·9	32	...	1·6	...	7·6	0	1	28	0	0	2	1	0	26	0	0	2
	1730	...	...	...	...	106·7	75·9	57·8	16·5	22	...	1·6	...	6·0	0	1	28	0	0	0	1	0	28	0	0	2
Thikri ...	0830	...	...	...	...	89·6	76·3	69·8	24·5	53	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	88·3	79·9	73·1	31·8	68	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	84·6	72·7	66·3	22·1	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	91·5	83·4	80·3	35·5	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observations for 21 days.

\+ Observations for 20 days.

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G.M.T.)

MAY 1952

ALLAHABAD (Sur. Pr. 988 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	96	308·7	311	305	288·4
1000	31	−008	...	...	...	...
900	31	949	305·4	311	295	283·2
850	31	1460	300·4	306	296	280·7
800	31	1992	295·3	303	290	278·0
700	31	3129	284·6	293	279	275·1
600	31	4389	272 1	283	267	...
500	31	5821	262·4	272	255	...
400	31	7510	253·6	261	243	...
300	28	9581	239·9	254	237	...
250	26	10814	230·4	243	217	...
200	25	12286	220·7	231	209	...
175	15	13161	215·7	227	206	...
150	8	14193	212·5	223	204	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	5	301·6	304	296	297·6
1000	30	37	...	...	...	...
900	30	967	297·4	303	294	290·7
850	30	1465	296·5	305	291	285·9
800	30	1993	292·4	299	288	282·4
700	30	3126	284·7	289	281	275·7
600	29	4394	275·4	281	270	268·0
500	29	5847	266·7	273	258	...
400	28	7551	257·2	264	248	...
300	25	9659	240·1	252	233	...
250	20	10934	235·6	245	222	...
200	15	12471	225·3	235	217	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (997 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	218	310·7	313	306	285·3
1000	31	2	...	...	...	...
900	31	960	305·4	310	301	282·6
850	31	1470	300·2	303	296	281·9
800	31	2001	294·6	297	290	280·8
700	31	3137	283·5	286	277	276·0
600	31	4396	273·5	277	265	269·0
500	30	5826	263·0	270	254	...
400	30	7513	253·0	262	241	...
300	26	9593	239·6	252	227	...
250	26	10851	231·6	244	223	...
200	26	12333	221·8	235	214	...
175	20	13215	217·3	231	207	...
150	12	14211	212·2	227	204	...
125	6	15418	208·7	221	202	...
100	5	16794	204·2	215	196	...
80	...	...	...	...	...	...

MADRAS (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	23	15	302·5	304	299	298·4
1000	23	45	...	...	...	...
900	23	985	300·1	304	296	287·1
850	23	1488	297·3	301	291	283·7
800	23	2014	293·5	297	288	282·3
700	23	3156	285·6	287	283	276·4
600	22	4433	276·7	280	274	270·5
500	21	5888	269·0	272	266	...
400	18	7620	258·3	263	248	...
300	16	9761	246·3	249	244	...
250	12	11053	237·5	241	233	...
200	9	12564	228·1	231	224	...
175	6	13425	222·0	227	217	...
150	5	14420	213·8	222	209	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (966 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	307	309·5	312	305	285·0
1000	29	101	...	...	...	...
900	29	947	306·3	309	297	286·9
850	28	1460	302·3	306	294	284·9
800	28	1997	297·4	301	291	282·7
700	25	3146	286·4	291	280	277·6
600	21	4420	274·7	277	271	270·5
500	22	5861	265·5	272	261	...
400	21	7567	255·5	261	247	...
300	15	9645	240·5	249	232	...
250	12	10916	233·5	243	228	...
200	8	12469	225·5	233	219	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (975 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	217	307·0	311	300	286·8
1000	30	−011	...	...	...	...
900	29	949	306·3	313	300	280·3
850	29	1459	302·0	317	297	277·5
800	29	1993	295·7	302	290	277·0
700	29	3132	284·9	292	280	272·2
600	29	4401	271·2	278	251	...
500	29	5824	261·3	266	255	...
400	29	7500	250·2	258	242	...
300	25	9568	240·8	249	233	...
250	21	10830	230·7	240	213	...
200	16	12351	223·9	233	219	...
175	7	13177	218·7	225	212	...
150	5	14201	213·2	218	211	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

MAY 1952

POONA (Sur. Pr. 945 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	557	302·2	306	299	291·7
1000	31	49	...	...	...	...
900	31	988	298·7	303	295	289·4
850	31	1484	296·5	301	293	282·6
800	31	2015	294·5	299	292	277·2
700	31	3157	286·6	291	283	273·5
600	31	4433	276·9	282	273	265·7
500	30	5919	268·9	273	266	...
400	28	7619	258·7	265	255	...
300	28	9742	246·0	252	241	...
250	27	11027	237·2	243	230	...
200	25	12558	228·2	236	222	...
175	22	13427	221·9	230	214	...
150	20	14439	215·4	225	205	...
125	13	15555	208·4	217	198	...
100	9	16619	204·1	211	197	...
80	...	...	...	...	...	...

PORT BLAIR (999 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	79	300·0	303	298	297·0
1000	29	68	...	...	...	...
900	29	995	296·0	299	294	292·0
850	29	1497	293·0	296	290	289·0
800	29	2013	290·0	292	287	285·0
700	29	3143	285·0	293	280	270·0
600	29	4419	278·0	281	272	267·0
500	29	5879	270·0	273	265	...
400	28	7613	260·0	265	252	...
300	24	9755	247·0	251	241	...
250	20	11046	238·7	244	234	...
200	17	12581	228·0	235	222	...
175	14	13449	222·0	230	215	...
150	14	14452	216·0	226	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

TRIVANDRUM (1001 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	64	300·5	303	297	297·7
1000	30	73	...	...	...	...
900	30	1002	294·6	297	293	292·4
850	30	1497	292·5	295	291	289·8
800	30	2021	290·0	293	288	286·5
700	30	3151	284·7	289	282	278·4
600	29	4425	276·8	281	273	270·9
500	27	5885	269·1	272	265	...
400	25	7620	259·8	263	257	...
300	24	9759	246·9	254	241	...
250	18	11045	237·4	242	232	...
200	14	12559	226·4	234	220	...
175	10	13426	220·3	229	215	...
150	10	14410	213·6	223	206	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VERAVAL (1004 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	8	301·5	302	300	299·9
1000	30	45	...	...	...	...
900	30	982	299·8	303	295	283·0
850	30	1484	298·7	301	295	278·4
800	30	2015	294·8	298	290	275·8
700	30	3156	286·2	290	283	270·7
600	30	4134	278·2	283	275	264·0
500	30	5899	269·1	273	265	...
400	27	7632	260·1	265	252	...
300	27	9771	246·5	253	237	...
250	27	11053	238·0	246	231	...
200	23	12577	228·2	237	222	...
175	20	13460	222·3	229	217	...
150	19	14454	215·6	223	208	...
125	10	15599	210·4	219	199	...
100	5	17084	209·2	215	205	...
80	...	...	...	...	...	...

VISAKHAPATNAM (998 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	48	302·9	305	301	298·4
1000	29	29	...	...	...	...
900	29	973	299·1	303	295	291·8
850	29	1467	297·3	301	293	288·4
800	29	1998	294·1	298	289	285·3
700	29	3141	286·7	291	283	276·4
600	28	4422	277·5	283	272	271·4
500	27	5885	268·9	272	264	...
400	26	7617	260·4	264	255	...
300	19	9759	247·0	251	240	...
250	12	11058	239·0	248	235	...
200	8	12596	230·2	238	226	...
175	6	13493	222·0	237	215	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

Note :– Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S_1—110 DDG Ob. Poona—31-3-55—260.

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

MAY 1952

ALLAHABAD (Sur. Pr. 988 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	96	308·7	311	305	283·4
1000	31	-008	...	...	...	...
900	31	949	305·4	311	295	283·2
850	31	1460	300·4	306	296	280·7
800	31	1992	295·3	303	290	278·0
700	31	3129	284·6	293	279	275·1
600	31	4389	272 1	283	267	...
500	31	5821	262·4	272	255	...
400	31	7510	253·6	261	243	...
300	28	9581	239·9	254	227	...
250	26	10814	230·4	243	217	...
200	25	12286	220·7	231	209	...
175	15	13161	215·7	227	206	...
150	8	14193	212·5	223	204	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	5	301·6	304	296	297·6
1000	30	37	...	...	...	...
900	30	967	297·4	303	294	290·7
850	30	1465	296·5	305	291	285·9
800	30	1993	292·4	299	288	282·4
700	30	3126	284·7	289	281	275·7
600	29	4394	275·4	281	270	268·0
500	29	5847	266·7	273	258	...
400	28	7551	257·2	264	248	...
300	25	9659	240·1	252	233	...
250	20	10934	235·6	245	222	...
200	15	12471	225·3	235	217	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (997 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	218	310·7	313	306	285·3
1000	31	2	...	...	...	...
900	31	960	305·4	310	301	282·6
850	31	1470	300·2	303	296	281·9
800	31	2001	294·6	297	290	280·8
700	31	3137	283·5	286	277	276·0
600	31	4396	273·5	277	265	269·0
500	30	5826	263·0	270	254	...
400	30	7513	253·0	262	241	...
300	26	9593	239·6	252	227	...
250	26	10851	231·6	244	223	...
200	26	12333	221·8	235	214	...
175	20	13215	217·3	231	207	...
150	12	14211	212·2	227	204	...
125	6	15418	208·7	221	202	...
100	5	16794	204·2	215	196	...
80	...	...	...	...	...	...

MADRAS (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	23	15	302·5	304	299	298·4
1000	23	45	...	...	...	...
900	23	985	300·1	304	296	287·1
850	23	1488	297·3	301	291	283·7
800	23	2014	293·5	297	288	282·3
700	23	3156	285·6	287	283	276·4
600	22	4433	276·7	280	274	270·5
500	21	5888	269·0	272	266	...
400	18	7620	258·3	263	248	...
300	16	9761	246·3	249	244	...
250	12	11053	237·5	241	233	...
200	9	12564	228·1	231	224	...
175	6	13425	222·0	227	217	...
150	5	14420	213·8	222	209	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (966 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	307	309·5	312	305	285·0
1000	29	101	...	...	...	...
900	29	947	306·3	309	297	286·9
850	28	1460	302·3	306	294	284·9
800	28	1997	297·4	301	291	282·7
700	25	3146	286·4	291	280	277·6
600	21	4420	274·7	277	271	270·5
500	22	5861	265·5	272	261	...
400	21	7567	255·5	261	247	...
300	15	9645	240·5	249	232	...
250	12	10916	233·5	243	228	...
200	8	12469	225·5	233	219	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (975 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	217	307·0	311	300	286·8
1000	30	-011	...	...	...	...
900	29	949	306·3	313	300	280·3
850	29	1459	302·0	317	297	277·5
800	29	1993	295·7	302	290	277·0
700	29	3132	284·9	292	280	272·2
600	29	4401	271·2	278	251	...
500	29	5824	261·3	266	255	...
400	29	7500	250·2	258	242	...
300	25	9568	240·8	249	233	...
250	21	10830	230·7	240	213	...
200	16	12351	223·9	233	219	...
175	7	13177	218·7	225	212	...
150	5	14201	213·2	218	211	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

MAY 1952

	POONA (Sur. Pr. 945 mb.)						PORT BLAIR (999 mb.)						TRIVANDRUM (1001 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	31	557	302·2	306	299	291·7	29	79	300·0	303	298	297·0	31	64	300·5	303	297	297·7
1000	31	49	...	...	...	...	29	68	...	...	...	...	30	73	...	...	...	...
900	31	988	298·7	303	295	289·4	29	995	296·0	299	294	292·0	30	1002	294·6	297	293	292·4
850	31	1484	296·5	301	293	282·6	29	1497	293·0	296	290	289·0	30	1497	292·5	295	291	289·8
800	31	2015	294·5	299	292	277·2	29	2013	290·0	292	287	285·0	30	2021	290·0	293	288	286·5
700	31	3157	286·6	291	283	273·5	29	3143	285·0	293	280	270·0	30	3151	284·7	289	282	278·4
600	31	4433	276·9	282	273	265·7	29	4419	278·0	281	272	267·0	29	4425	276·8	281	273	270·9
500	30	5919	268·9	273	266	...	29	5879	270·0	273	265	...	27	5885	269·1	272	265	...
400	28	7619	258·7	265	255	...	28	7613	260·0	265	252	...	25	7620	259·8	263	257	...
300	28	9742	246·0	252	241	...	24	9755	247·0	251	241	...	24	9759	246·9	254	241	...
250	27	11027	237·2	243	230	...	20	11046	238·7	244	234	...	18	11045	237·4	242	232	...
200	25	12558	228·2	236	222	...	17	12581	228·0	235	222	...	14	12559	226·4	234	220	...
175	22	13427	221·9	230	214	...	14	13449	222·0	230	215	...	10	13426	220·3	229	215	...
150	20	14439	215·4	225	205	...	14	14452	216·0	226	207	...	10	14410	213·6	223	206	...
125	13	15555	208·4	217	198	...	...	...	...	...	...	...	...	...	...	...	...	...
100	9	16619	204·1	211	197	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	VERAVAL (1004 mb.)						VISAKHAPATNAM (998 mb.)					
Surface	30	8	301·5	302	300	299·9	29	48	302·9	305	301	298·4
1000	30	45	...	...	...	...	29	29	...	...	...	...
900	30	982	299·8	303	295	283·0	29	973	299·1	303	295	291·8
850	30	1484	298·7	301	295	278·4	29	1467	297·3	301	293	288·4
800	30	2015	294·8	298	290	275·8	29	1998	294·1	298	289	285·3
700	30	3156	286·2	290	283	270·7	29	3141	286 7	291	283	276·4
600	30	4134	278·2	283	275	264·0	28	4422	277·5	283	272	271·4
500	30	5899	269·1	273	265	...	27	5885	268·9	272	264	...
400	27	7632	260·1	265	252	...	26	7617	260·4	264	255	...
300	27	9771	246·5	253	237	...	19	9759	247·0	251	240	...
250	27	11053	238·0	246	231	...	12	11058	239·0	248	235	...
200	23	12577	228·2	237	222	...	8	12596	230·2	238	226	...
175	20	13460	222·3	229	217	...	6	13493	222·0	237	215	...
150	19	14454	215·6	223	208	...	...	...	...	...	...	...
125	10	15599	210·4	219	199	...	...	...	...	...	...	...
100	5	17084	209·2	215	205	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...

Note :– Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.

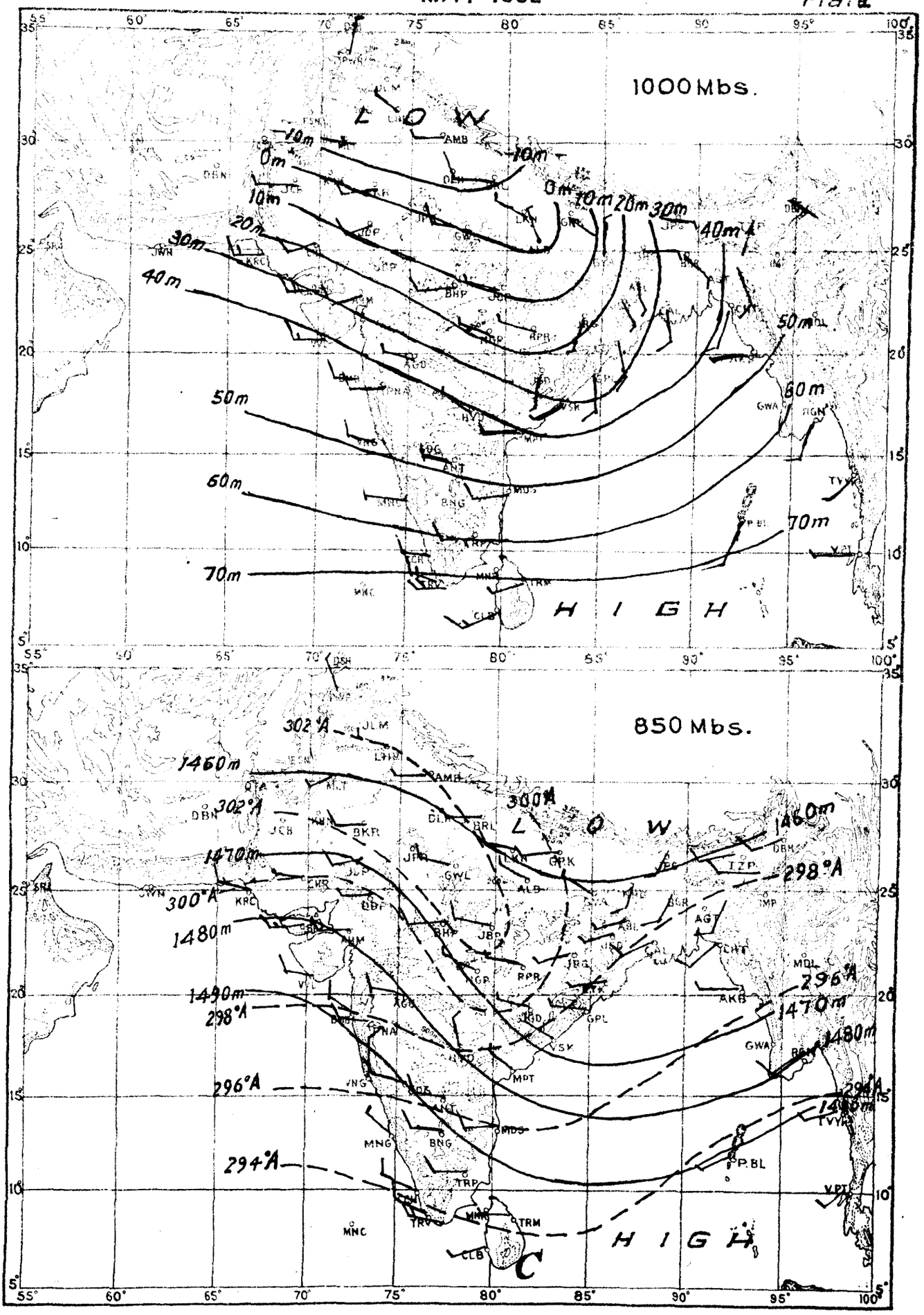
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S_1—110 DDG Ob. Poona—31-3-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MAY 1952

Plate I



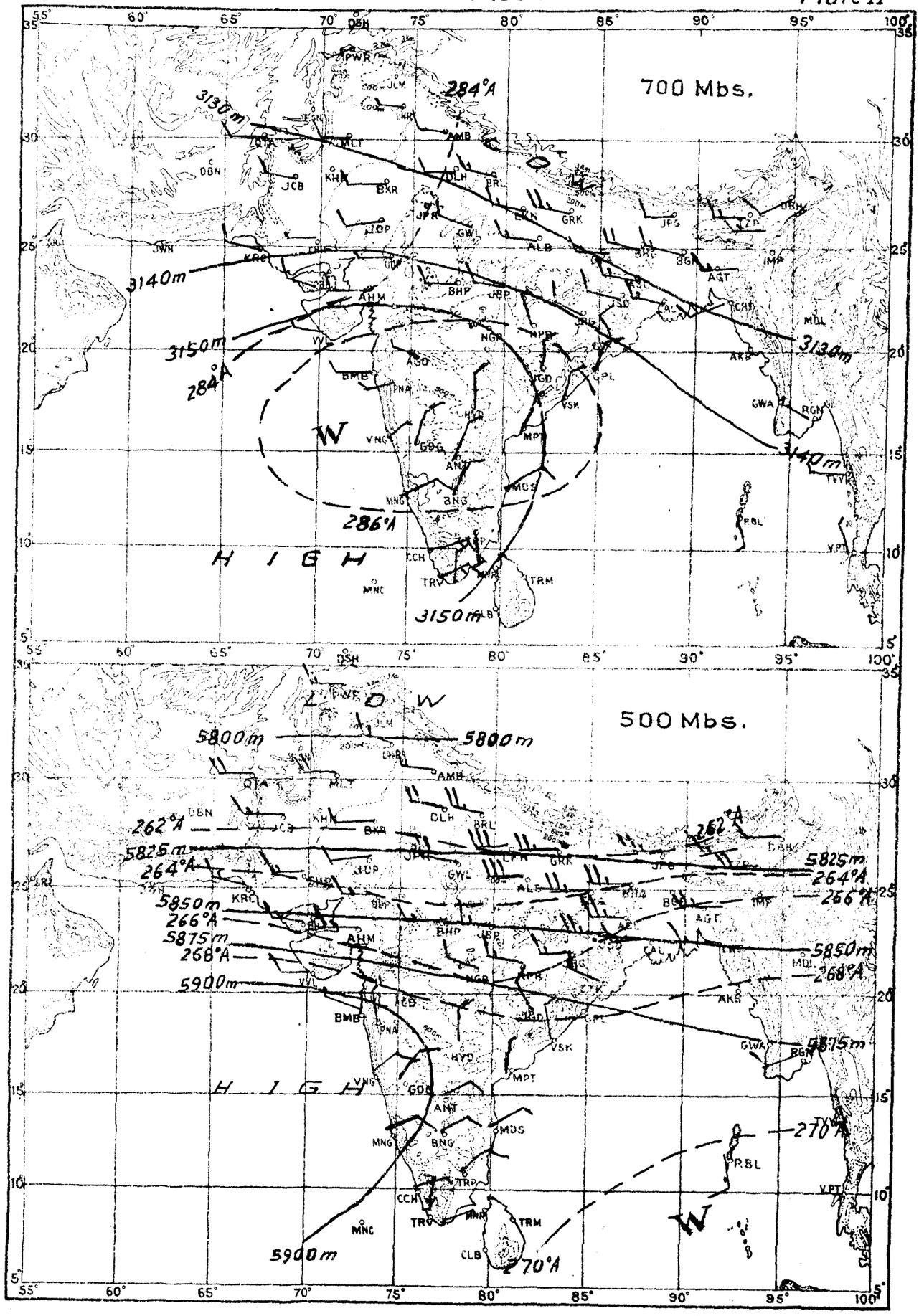
RESULTANT WIND —\= 5 Knots; —\= 10 Knots, —\= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

MAY 1952

Plate II



RESULTANT WIND ——— = 5 Knots, ——— = 10 Knots, ——— = 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

The mean relative humidity in the morning was above normal in the Punjab (I), below normal in east Madhya Pradesh and normal over the rest of the country.

The mean cloud amount in the morning was above normal in Uttar Pradesh, east Rajasthan, Madhya Bharat and west Madhya Pradesh, below normal in West Bengal and normal elsewhere over the country.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hours I.S.T. of the date noted in the succeeding column, similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending 0830 hours I.S.T. of the date given in the succeeding column.

POONA—5,
the 31st July 1953.

S. K. PRAMANIK
for Director General of Observatories.

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—JUNE 1952.

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	11·03	66	89·7	77·0	86	80	6·4	5·7
	−5·56	...	+ 1·5	+ 1·2	+ 2	...	+ 0·1	...
2 West Bengal ...	9·77	70	94·3	79·1	78	71	4·5	5·8
	−4·20	...	+ 1·7	+ 0·5	− 2	...	− 1·1	...
3 Orissa ...	9·25	112	95·8	80·9	76	70	5·5	6·1
	+1·00	...	+ 2·2	+ 1·1	0	...	+ 0·1	...
4 Bihar ...	10·73	147	96·5	79·2	71	61	4·9	5·3
	+3·41	...	+ 1·3	+ 0·5	+ 1	...	+ 0·1	...
5 Uttar Pradesh ...	8·75	179	100·5	80·8	60	46	4·3	4·0
	+3·87	...	− 0·3	− 0·4	+ 1	...	+ 1·1	...
6 Punjab (I) (including PEPSU and Delhi) ...	2·78	129	103·1	80·0	55	35	1·9	2·4
	+0·62	...	− 0·9	− 1·6	+ 6	...	− 0·2	...
7 Rajasthan ...	3·13	140	102·8	82·2	57	33	2·9	2·6
	+0·89	...	− 0·3	+ 0·4	+ 1	...	+ 0·6	...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	8·84	151	99·1	80·2	63	46	4·7	5·3
	+2·98	...	− 1·0	+ 0·2	+ 3	...	+ 0·8	...
9 Madhya Pradesh ...	4·61	60	99·2	82·2	59	41	5·3	6·0
	−3·02	...	+ 2·0	+ 2·3	− 3	...	+ 0·7	...
10 Bombay (including Saurashtra & Kutch) ...	9·99	105	93·3	77·3	79	62	5·4	5·3
	+0·52	...	− 0·1	+ 0·3	+ 3	...	+ 0·2	...
11 Hyderabad ...	3·42	69	95·8	76·0	69	46	5·0	5·6
	−1·56	...	+ 0·5	+ 0·7	+ 1	...	+ 0·1	...
12 Madras (including Travancore-Cochin) ...	6·02	93	94·9	79·0	69	59	5·6	6·0
	−0·42	...	+ 0·7	+ 0·8	− 1	...	+ 0·3	...
13 Mysore ...	4·15	73	82·2	67·8	84	64	6·0	6·1
	−1·57	...	− 0·6	+ 0·4	+ 2	...	− 0·3	...
Mean of India ...	6·90	102	97·1	79·2	68	52	4·8	5·0
	+0·12	...	+ 0·5	+ 0·6	+ 1	...	+ 0·4	...
Sub-Division								
1 Bay Islands ...	25·89	119	84·5	76·5	87	91	7·3	7·6
	+4·14	...	+ 0·2	+ 1·5	+ 5	...	+0·6	...
2 Assam (including Manipur and Tripura) ...	11·03	66	89·7	77·0	86	80	6·4	5·7
	−5·56	...	+ 1·5	+ 1·2	+ 2	...	+ 0·1	...
3 West Bengal ...	9·77	70	94·3	79·1	78	71	4·5	5·8
	−4·20	...	+ 1·7	+ 0·5	− 2	...	− 1·1	...
4 Orissa ...	9·25	112	95·8	80·9	76	70	5·5	6·1
	+1·00	...	+ 2·2	+ 1·1	0	...	+ 0·1	...
5 Chota Nagpur ...	6·63	87	97·9	79·0	65	53	5·2	6·4
	−1·02	...	+ 2·1	+ 0·7	− 1	...	+ 0·2	...
6 Bihar ...	12·78	179	95·3	79·4	76	67	4·7	4·6
	+5·63	...	+ 0·6	+ 0·3	+ 3	...	0	...
7 Uttar Pradesh, East ...	9·44	181	100·9	81·6	63	48	4·5	3·6
	+4·32	...	+ 0·6	+ 0·1	− 1	...	+ 0·9	...
8 Uttar Pradesh, West ...	8·07	178	100·1	80·1	58	45	4·1	4·4
	+3·53	...	− 1·2	− 0·8	+ 3	...	+ 1·2	...
9 Punjab (I) (including PEPSU and Delhi) ...	2·78	129	103·1	88·0	55	85	1·9	2·4
	+0·62	...	− 0·9	− 1·6	+ 6	...	− 0·2	...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0·89	58	106·4	83·5	55	31	1·8	1·5
	−0·64	...	+ 1·3	+ 1·4	− 1	...	− 0·2	...
12 Rajasthan, East (including Ajmer) ...	5·38	182	100·0	81·2	58	35	3·7	3·7
	+2·42	...	− 1·5	− 0·3	+ 3	...	+ 1·2	...
13 Madhya Bharat ...	7·71	135	98·0	79·3	65	47	4·6	5·5
	+1·99	...	− 1·8	+ 0·1	+ 4	...	+ 1·1	...
14 Vindhya Pradesh ...	10·33	171	100·8	81·7	52	43	4·8	4·9
	+4·30	...	+ 0·4	+ 0·3	− 2	...	+ 0·	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	3·68	41	98·8	80·8	59	47	5·2	6·1
	−5·34	...	+ 3·4	+ 3·3	− 6	...	+ 0·2	...
16 Madhya Pradesh, West ...	5·20	77	99·4	79·9	60	43	5·4	6·0
	−1·57	...	+ 1·2	+ 1·6	− 1	...	+ 1·1	...
17 Gujarat ...	5·32	96	97·3	80·1	77	57	5·2	4·3
	−0·23	...	− 0·1	+ 0·4	+ 1	...	+ 0·1	...
18 Saurashtra & Kutch ...	4·36	141	96·3	81·1	79	64	4·7	4·3
	+1·26	...	− 0·1	+ 0·9	+ 5	...	+ 0·3	...
19 Konkan ...	32·57	113	86·8	77·5	86	81	6·3	6·2
	+3·71	...	+ 0·1	− 0·3	+ 5	...	+ 0·2	...
20 Deccan (Desh) ...	6·20	87	91·5	72·8	76	58	5·6	6·1
	−0·91	...	− 0·1	0	+ 3	...	+ 0·3	...
21 Hyderabad, North ...	4·77	89	95·6	74·5	73	50	5·1	6·0
	−0·57	...	+ 0·9	+ 0·3	+ 4	...	+ 0·4	...
22 Hyderabad, South ...	2·07	45	96·0	77·0	66	44	4·7	5·3
	−2·55	...	+ 0·3	+ 1·1	− 1	...	− 0·1	...
23 Coastal Andhradesa ...	2·91	77	98·3	82·3	67	57	5·5	5·7
	−0·86	...	+ 0·9	+ 1·2	− 2	...	− 0·2	...
24 Rayalaseema ...	1·85	76	95·7	76·0	67	46	5·1	5·8
	−0·57	...	− 0·3	− 0·9	+ 5	...	+ 0·3	...
25 Tamilnad ...	0·85	54	96·6	79·8	62	55	5·0	5·7
	−0·72	...	+ 0·7	+ 1·6	− 3	...	+ 0·7	...
26 Malabar & South Kanara ...	36·95	105	85·7	74·4	91	83	7·3	7·4
	+1·87	...	+ 1·1	− 0·6	+ 3	...	+ 0·5	...
27 Mysore ...	4·15	73	82·2	67·8	84	64	6·0	6·1
	−1·57	...	− 0·6	+ 0·4	+ 2	...	− 0·3	...
28 Travancore-Cochin ...	18·57	102	85·0	74·6	89	91	6·9	7·3
	+0·44	...	− 0·7	+ 0·1	+ 3	...	+ 0·3	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	84·5	+0·2	87	17	76·5	+1·5	72	3,5	11·91	25·89	+ 4·14	5·49	5	21	−0·5	12·3	14·2	+0·5	26	0	0	14	0	0	0	3	3	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	64·80	...	10·05	17	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	89·9	+2·9	96	15	77·0	+2·9	70	3	1·18	12·91	− 6·76	2·53	20	14	−5·6	1·7	1·2	0	18	0	0	8	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	89·2	...	95	14,15	75·9	...	70	4	1·07	10·42	...	2·37	20	14	...	4·0	2·7	...	20	0	0	16	0	0	0	0	0	0
Sibsagar ...	89·4	+0·8	95	7,8	77·6	+1·5	73	2,24	3·71	12·40	− 2·73	2·72	13	16	−1·1	4·0	3·3	+1·1	22	0	0	18	0	0	0	0	0	0
Tezpur ...	91·4	+2·8	98	13	77·7	+1·2	71	2	1·62	6·28	− 5·86	1·11	2	15	−1·0	3·7	1·1	−0·8	19	0	0	11	0	0	0	0	0	0
Tezpur (P. B. O.) ...	90·5	...	97	13	78·3	...	71	2	1·33	6·03	...	1·01	26	13	...	2·4	1·4	...	21	0	0	18	0	0	0	0	0	0
Gauhati ...	92·0	+3·1	98	14	76·7	+0·2	71	1,2	1·95	5·58	− 6·72	0·96	2	11	−3·7	2·9	1·7	+0·3	15	0	0	3	0	0	0	0	0	0
									(j)	(j)						(h)	(h)											
Gauhati (Kaikuchi... Aerodrome)	91·4	...	...	...	77·8	...	...	...	1·82	6·29	...	...	...	...	...	2·1	1·8	...	...	0	0	17	0	0	0	0	0	0
Dhubri ...	88·2	+2·5	95	14	78·0	+2·0	72	2,3	3·48	11·84	−12·27	3·22	17	14	−4·1	5·3	4·5	+0·2	17	0	0	11	0	0	0	0	0	0
Silchar ...	89·4	+0·2	95	14,15, 26	76·5	...	71	2	3·98	19·89	− 3·28	3·35	22	21	−0·3	1·4	0·8	−0·9	23	0	0	15	0	0	0	0	0	0
Tura ...	86·7	...	93	14,15	74·5	...	68	2	5·67	17·11	...	3·74	17	17	...	4·4	4·0	...	21	0	0	0	0	0	0	0	0	0
																	(c)											
Lumding ...	87·7	−2·1	94	9	75·3	0	70	2	...	8·32	− 1·33	2·30	2	14	+0·3	1·9	1·5	...	17	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	94·3	...	101	14 15	79·2	...	72	7	2·41	7·14	...	1·89	21	13	...	9·2	7·3	...	19	0	0	10	0	0	0	0	7	0
Calcutta ...	95·0	+2·6	103	7	80·3	+1·7	73	7	4·14	8·99	− 2·70	3·16	16	11	−2·2	5·3	4·3	0	18	0	0	16	0	0	0	0	7	0
Saugor Island ...	89·9	+0·3	93	11	81·5	+0·6	73	7	3·17	8·11	− 3·52	2·24	24	11	−1·1	15·2	14·4	+1·2	13	0	0	9	0	1	0	1	0	0
Sandheads ...	...	...	...	...	...	...	...	...	3·19	6·89	− 0·98	2·43	26	9	−0·4	...	...	...	11	0	0	3	0	0	0	0	0	0
Midnapore ...	97·1	+2·9	109	1	79·6	+0·4	71	3	2·01	6·55	− 3·66	1·48	7	11	−1·4	5·8	4·5	+1·1	18	0	0	7	0	0	0	0	0	0
Contai ...	91·0	...	96	15	79·6	...	70	2	3·98	14·30	...	2·81	22	12	...	10·6	7·3	...	12	0	0	4	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	3·79	− 6·74	1·40	20	9	−2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	95·9	+3·4	106	1	78·5	−0·3	71	5	2·84	4·01	− 6·51	1·24	16	8	−4·4	9·2	6·1	+3·0	10	0	0	7	0	0	0	0	0	0
Krishnagar ...	94·3	+1·5	102	1	77·9	−0·6	70	3	4·97	13·33	+ 3·00	3·02	6	12	−0·7	5·1	4·4	−0·6	18	0	0	14	0	3	0	0	0	0
Asansol ...	97·9	0	114	1	79·9	+0·8	74	20	3·99	5·95	− 3·56	1·46	23	12	+0·3	6·2	5·1	−0·2	16	0	0	13	0	1	0	0	0	0
Berhampore ...	94·5	+1·8	105	1	79·4	+0·9	72	3	6·17	10·83	+ 1·16	3·51	29	12	−0·3	4·5	3·2	−0·5	17	0	0	3	0	2	0	0	0	0
Malda ...	93·4	+1·9	105	1	78·7	+0·5	70	3	2·79	14·11	+ 4·29	5·32	29	11	−0·5	5·6	4·7	−0·7	13	0	0	12	0	0	0	0	0	0
Cooch Behar ...	90·2	...	96	14	77·2	...	70	2	2·62	14·63	−19·16	3·89	18	14	−6·6	4·9	3·1	...	10	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	89·5	+0·9	95	12,14, 15	76·5	+0·8	67	23	3·93	17·12	− 8·82	3·53	22	16	−3·1	5·6	4·2	+2·1	20	0	0	14	0	0	0	0	0	0
	(c)				(c)					(b)							(c)											
Bagdogra ...	91·3	...	...	...	75·8	...	...	...	...	32·79	...	...	...	...	...	...	3·6	...	...	0	0	14	0	0	0	0	0	0
Orissa																												
Balasore ...	94·4	+1·2	106	1	80·4	+1·3	76	3,14	5·50	11·91	+ 2·74	5·70	26	11	−0·1	9·1	6·8	+2·0	12	0	0	18	0	1	0	0	0	0
Chandbali ...	94·9	+1·0	106	7	80·0	+0·3	72	7	4·78	10·20	+ 1·46	1·72	19	11	−0·3	9·3	7·1	−0·9	12	0	0	1	0	0	0	0	0	0
Puri ...	89·8	+0·8	102	16	81·7	+0·8	74	4	6·09	11·79	+ 4·33	4·99	24	12	+3·9	15·4	14·4	+2·3	15	0	0	4	0	0	0	0	0	0
Bhubaneswar ...	97·0	...	113	14,15	80·3	...	75	20	...	9·19	...	1·41	26	11	...	...	11·4	...	13	0	0	9	0	0	0	0	0	0
Cuttack ...	97·8	+2·3	113	14	81·0	+1·4	76	5 days	...	...	...	...	...	...	...	6·6	4·7	+1·7	...	0	0	12	0	1	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	5·78	9·16	...	3·05	24	10	...	3·9	3·3	...	18	0	0	13	0	1	0	0	0	0
Gopalpur ...	90·2	+0·4	98		81·7	+1·4	75	4	1·24	2·41	− 3·05	1·03	26	8	+0·4	12·1	11·1	+0·5	12	0	0	9	0	0	0	0	0	0
Koraput ...	88·7	...	101	2	73·5	...	64	5	0·57	3·91	...	1·07	26	8	...	...	...	...	9	0	0	0	0	0	0	0	0	0
Angul ...	99·6	+3·7	113	14	81·0	+2·1	75	4,21	2·47	9·34	+ 0·80	3·12	26	10	−1·6	7·3	5·7	+0·5	10	0	0	13	0	0	0	0	0	0
Sambalpur ...	103·7	+6·2	115	2	80·7	+0·2	73	25	4·82	9·83	− 0·26	2·31	25	11	+0·3	7·1	5·3	+1·3	15	0	0	14	0	4	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	5·54	10·84	...	3·84	27	10	...	...	...	...	13	0	0	18	0	1	0	0	0	0
Titilagarh ...	101·2	...	114	1,2	81·3	...	74	26	3·39	5·93	...	1·60	26	12	...	6·3	4·0	...	15	0	0	6	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	97·8	...	112	2	79·5	...	75	3	2·25	5·78	...	1·17	27	9	...	5·7	4·5	...	11	0	0	1	0	0	0	0	0	0
Jamshedpur ...	99·0	+2·0	112	2	81·0	+1·0	77	6,18	6·46	9·27	+ 1·76	4·27	27	10	−0·7	6·2	5·0	+0·4	13	0	0	11	0	0	0	0	0	0
Chaibasa ...	100·6	+3·7	114	2	80·5	+1·3	75	5	3·12	5·62	− 2·17	1·54	27	9	−1·7	3·8	2·5	−0·2	10	0	0	12	0	0	0	0	0	0
Ranchi ...	94·8	+2·8	107	3,14, 15	75·9	+0·6	73	7 days	3·75	4·58	− 4·01	1·10	20	7	−4·4	5·7	4·3	−1·2	8	0	0	1	0	0	0	0	0	0
Hazaribagh ...	93·9	+0·8	104	4 days	76·2	+0·1	71	9	2·92	4·70	− 3·63	1·88	27	4	−6·7	7·0	5·6	−1·2	14	0	0	13	0	0	0	0	0	0
Hazaribagh(C.W.) ...	94·1	...	105	15	75·5	...	71	5,9	2·81	4·46	...	1·87	27	4	...	3·1	2·3	...	15	0	0	12	0	0	0	0	0	0
Daltonganj ...	101·4	+1·1	114	1	81·5	+0·6	74	21	3·04	8·98	+ 2·96	2·08	27	10	+1·8	6·1	3·5	−1·1	11	0	0	8	0	0	0	0	0	0
Bihar																												
Purnea ...	91·9	+0·5	100	13,14, 15	78·3	+0·9	70	3	2·03	11·79	+1·56	2·20	25	13	+1·2	5·4	3·9	+0·9	15	0	0	8	0	0	0	0	0	0
Darbhanga ...	93·2	+0·3	104	13	78·9	+0·4	71	3,19	2·77	16·87	+ 9·29	4·00	28	11	+2·2	4·2	2·6	−1·7	14	0	0	2	0	0	0	0	0	0
Motihari ...	95·1	+1·6	104	12,13, 14	77·6	−0·2	70	3	4·00	10·77	+ 2·06	3·27	30	9	−0·4	3·9	4·1	−0·7	10	0	0	5	0	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	15·62	+ 7·9	3·90	28	12	+3·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	12·44	+ 6·51	5·33	20	11	+3·8	...	...	...	...	...	...	...	...	...	...	...	...	...

(c) Mean of 28 days. (h) Mean of 23 days. (j) Total for 21 days. (b) Total for 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10″ or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01″ or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	36	27	28	29
Bihar—*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	16·43	+10·23	3·50	20	8	+0·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	96·8	+0·6	111	1	80·2	+0·3	71	3	4·41	15·54	+ 8·43	5·51	20	9	+1·0	6·1	5·6	+0·6	11	0	0	9	0	0	0	0	0	0
Patna (Aerodrome)	96·5	...	113	1	79·8	...	70	3	3·91	11·62	...	3·22	3	10	...	6·8	5·7	...	15	0	0	7	0	0	0	0	0	0
Dehri	101·4	...	115	1	81·9	...	76	8	2·62	5·80	+0·43	1·39	20	8	+1·1	6·3	4·3	...	10	0	0	0	0	0	0	0	0	0
Gaya	99·3	-0·2	115	1	81·5	+0·2	73	5	4·41	8·61	+2·16	2·00	20	14	+6·5	7·5	5·8	-0·3	13	0	0	13	0	0	0	0	0	0
Jamui	97·6	...	112	1	79·4	...	70	3	0·72	4·53	...	0·89	29	9	...	5·0	4·3	...	9	0	0	0	0	0	0	0	0	0
Dumka	96·1	+2·0	110	1,10	78·1	-0·4	74	19	4·12	9·24	-0·76	2·20	19	12	+0·1	6·0	4·2	+1·4	13	0	0	18	0	0	0	0	0	0
Sabour	95·4	+0·9	109	1	79·7	+0·5	70	3	6·41	13 92	+7·74	3·24	19	12	+4·2	6·5	5·4	-0·3	15	0	0	19	0	0	0	0	0	0
Bhagalpur	96·6	...	110	1	79·5	...	70	3	8·93	17·58	...	3·72	19	14	...	5·6	5·0	...	15	0	0	16	0	0	0	0	0	0
U. P., East																												
Gonda	100·9	+3·1	113	1	80·0	0	72	8,9	5·27	15·79	+ 8·48	3·95	23	11	+2·7	11·4	5·3	+0·3	12	0	0	2	0	0	0	0	0	0
Gorakhpur	98·2	+1·3	110	10	80·4	+1·1	71	3	1·09	7·08	− 0·47	2·18	24	6	+3·5	4·1	2·7	-0·1	7	0	0	1	0	0	0	0	0	0
Azamgarh	101·2	...	113	1	81·0	...	72	9	2·78	4·36	...	1·37	29	8	...	2·3	1·6	...	11	0	0	0	0	0	0	0	0	0
Banaras	101·8	+0·9	114	1,14	81·7	-0·3	75	9	5·29	8·30	+ 3·74	2·45	21	8	-2·0	6·7	6·1	+2·1	10	0	0	7	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	101·1	...	114	1	82·3	...	73	9	2·91	6·01	...	2·02	28	7	...	8·6	7·2	...	10	0	0	8	0	2	0	0	0	0
Allahabad (Bamrauli)	101·5	-1 2	115	1	82·5	-0·4	72	22	2·77	5·91	+ 0·87	1·23	30	9	+4·7	8·7	5·4	+0·1	14	0	0	9	0	1	0	0	0	0
Fatehpur	101·6	-1·4	114	1,13, 14	83·0	+0·1	77	9,29	1·35	4·96	+ 1·52	1·36	29	9	+1·2	8·0	4·9	+0·4	10	0	0	4	0	2	0	0	0	0
Banda	103·0 (b)	...	116	14	84·9	...	77	4days	2·63	5·28	...	1·49	22	8	...	4·4	2·7	...	8	0	0	0	0	3	0	0	0	0
Orai	102·1	...	...	...	83·6	...	76	23	4·27	18·93	...	9·25	29	10	...	8·8	7·6	...	10	0	0	0	0	0	0	0	0	0
Kanpur	100·9	-1·8	113	1,13, 14	82·8	-0·2	75	4	4·45	8·84	+ 5·65	2·90	23	6	+1·5	11·0	8·0	-0·2	9	0	0	4	0	0	0	0	0	0
Lucknow	101·9 (d)	+1·7	115	14	82·1 (d)	+0·4	76	9	3·96 (d)	11·49 (d)	+ 7·03	5·13	28	8	+2·5	4·7	3·1	+0·5	11	0	0	7	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	102·0	...	...	...	81·1	...	...	...	2·11	2·95	...	...	...	...	...	8·8	7·3	...	...	0	0	11	0	1	0	0	1	1
Hardoi	100·5	...	113	1,13, 14	81·0	...	71	8	9·00	18·13	...	5·28	30	9	...	7·9	2·8	...	9	0	0	0	0	2	0	0	0	0
Lakhimpur Kheri	98·9	...	112	14	78·9	...	71	9	6·39	13·33	...	3·62	26	9	...	4·4	3·4	...	12	0	0	2	0	2	0	0	0	0
Bahraich	100·8	+2·1	113	14	80·2	-0·2	72	8,9	0·43	13·11	+ 6·91	6·03	30	8	+1·9	5·9	6·5	+3·1	10	0	0	3	0	0	0	0	0	0
U. P., West																												
Jhansi	104·9	+0·9	114	14	85·6	+1·1	76	21,29	3·54 (e)	11·36	+ 7·19	3·83	29	...	...	8·1	4·9	-0·1	...	0	0	0	0	0	0	0	0	0
Agra	100·6	-3·4	113	13,14	81·5	-2·0	73	4,23	6·43	14·01	+11·57	3·62	25	10	+6·2	5·2	3·4	-1·6	10	0	0	1	0	1	0	0	0	0
Mainpuri	101·5	-3·2	115	13,14	81·8	-0·5	74	9	5·96	15·45	+12·81	7·52	24	9	+5·2	...	...	...	10	0	0	5	0	4	0	0	0	0
Aligarh	101·7	-0·5	115	1	81·5	-1·1	75	3,6,8	4·72	5·21	− 0·18	1·30	27	8	+3·4	...	...	...	11	0	0	4	0	1	0	0	0	0
Bareilly	99·3	-0·9	113	13	80·2	-0·2	73	6	2·38	4·30	− 0·93	0·85	24	10	-4·6	7·1	4·9	+2·0	11	0	0	5	0	2	0	0	0	0
Meerut	100·6	-0·7	111	1,13	80·0	-0·6	69	5,6	...	0·79	− 2·61	0·35	6	2	-2·1	...	6·8	...	4	0	0	0	0	0	0	0	0	0
Roorkee	98·8	-1·4	110	4 days	76·5	-2·3	68	5,8	2·65	5·73	+ 1·23	1·61	22	9	+3 6	5·8	4·9	+1·7	10	0	0	13	0	0	0	0	0	0
DehraDun	93·5	-0·2	104	14	73·5	-0·6	65	6	2·53	7·70	− 0·85	2·07	29	12	+2·6	3·2	2·4	+0·5	15	0	0	12	0	0	0	0	0	0
Punjab (I)																												
New-Delhi	101·8	-0·6	111	13	82·5	0	71	6,7	0·54	1·50	− 1·53	0·77	30	3	-1·2	10·9	7·8	...	7	0	0	13	0	7	0	0	10	0
Hissar	103·9	-1·6	115	19	80·7	-1·5	65	7	0·92	2·17	+ 0·91	0·92	23	6	+3·1	7·6	7·2	+1·3	7	0	0	5	0	0	0	0	0	0
Karnal	100·2	...	110	1	79·7	...	69	7	0·14	1·67	...	0·83	22	4	...	5·3	3·4	...	5	0	0	1	0	4	0	0	0	0
Ambala	102·6	-1·0	113	13,14, 18	78·7	-2·0	68	5	0·05	2·93	− 0·11	0·96	5	5	-0·6	9·6	6·5	+2·6	7	0	1	3	0	0	0	0	0	0
Patiala	102·6	...	114	18	79·1	...	67	7	0·65	2·43	+ 1·25	0·98	6	6	...	9·2	6·4	...	9	0	0	7	0	1	0	0	0	0
Ludhiana	104·3	-0·4	114	14	78·1	-2·8	65	5,7	0	4·85	+ 2·57	2·30	24	8	+4·5	2·1	1·5	-0·9	8	0	0	5	0	0	0	0	0	0
Ferozepur	104·8	...	115	19	79·3	...	65	7	0·17	1·55	...	0·75	5	5	...	3·0	2·0	...	4	0	0	7	0	3	0	0	0	0
Amritsar	103·7	...	113	13,18, 19	77·0	...	62	7	0·51	2·60	..	1·05	22	4	...	11·7	9·7	...	6	0	0	9	0	3	0	2	1	0
Pathankot	102·1	...	112	18	76·7	...	65	5	0·14	2·89	...	0·70	24,25	5	...	4·4	3·5	...	8	0	0	1	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	84·2	-1·2	96	21	59·0	+1·7	49	6,7	1·03	1·59	+0·19	0·55	5	3	-0·4	1·3	1·7	-0·9	5	0	0	6	0	0	0	0	0	0
Gulmarg	68·5	+0·7	82	20	43·2	-2·0	32	6,7	...	3·44	-0·11	1·00	5,22	4	-3·8	...	4·1	+0·4	9	0	0	13	0	0	0	0	0	0
Sonamarg	...	...	...	...	...	...	...	...	...	2·05	-0·84	1·02	6	5	-2·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	69·6	-1·7	78	23	43·7	-0·6	31	8	0·10	0·26	+0·08	0·22	6	1	+0·3	5·0	4·4	+1·9	2	1	0	0	0	0	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez	...	...	...	...	...	...	...	...	...	2·04	-0·37	0·55	26	5	-0·8	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	102·4	-0·1	114	19,20	80·7	-1·8	66	5,6	...	3·21	+0·40	0·92	22	8	+4·2	...	...	...	10	0	0	5	0	0	0	0	0	0

(R) Register not received. (b) Mean of 29 days (d) Mean or total of 27 days. (e) Total for 26 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar	108·6	+1·7	119	19	84·1	+2·8	65	7	0	1·63	−1·36	1·43	7	3	−0·7	7·2	7·1	−1·4	2	0	0	0	0	4	0	0	0	0
Bikaner	107·8	+1·5	114	19	82·8	−1·9	77	7,8	1·52	1·53	+0·31	1·52	27	1	−1·1	8·3	8·1	−0·6	1	0	0	2	0	0	0	0	0	0
Jaisalmer	105·8	...	111	9	82·3	...	78	5days	0	0·15	...	0·15	24	1	...	20·4	19·4	...	1	0	0	0	0	3	0	0	0	0
Jodhpur	104·1	+0·5	109	9,10,12	84·1	+1·8	75	27	0	0·80	−0·62	0·49	27	2	−0·1	10·1	8·9	−3·7	2	0	0	5	0	6	0	0	0	0
Phalodi	105·0	...	110	13	83·5	...	77	3	0	0·07	−0·85	0·07	27	0	...	17·7	16·4	...	1	0	0	3	0	0	0	0	0	0
Barmer	105·0	+1·6	110	10,13	83·2	+2·9	77	27	0	0·42	−0·68	0·28	27	2	+0·5	9·9	9·8	+1·6	3	0	0	2	0	2	0	0	0	0
Rajasthan, East																												
Sikar	101·6	...	110	19	81·4	...	71	23	1·74	2·15	...	0·82	23	6	...	9·2	8·3	...	6	0	0	1	0	0	0	0	0	0
Jaipur	102·7	−0·4	111	18,19	81·5	+1·1	72	23	0·74	1·32	−0·92	0·81	23	3	−0·9	8·1	6·8	+0·9	6	0	0	8	0	6	0	0	1	0
Jaipur (Sanganer Aerodrome)	102·7	...	112	18	82·0	...	73	22	0·74	1·97	...	0·87	22	4	...	13·7	11·1	...	6	0	0	9	0	8	0	0	1	0
Ajmer	100·0	−0·4	107	4days	80·9	−1·0	71	23,24	2·04	3·71	+1·28	0·89	24	6	+3·3	10·7	9·2	+1·9	8	0	0	9	0	1	0	0	0	0
Kotah	101·6	−3·2	112	12,13	83·8	−1·3	71	23	2·22	8·14	+5·50	2·29	22	10	+5·9	7·8	6·8	+1·8	12	0	0	8	0	2	0	0	0	0
Jhalawar	100·0	−1·6	110	4days	81·2	0	72	22	2·70	10·82	+6·38	3·61	28	10	+2·9	8·4	7·8	+1·5	15	0	0	8	0	0	0	0	0	0
Udaipur	95·8	−2·1	105	12	78·5	−0·5	73	10,25	1·99	2·89	−0·15	1·03	25	7	+2·4	6·4	5·3	...	9	0	0	12	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.)	101·6	−4·6	114	13 14	84·3	−2·2	75	23	(b) 5·98	(b) 15·80	...	...	...	(b) 9	+5·2	8·0	6·8	...	15	0	0	14	0	1	0	0	0	0
Sheopur Kalan	101·9	...	113	13	82·6	...	72	22	4·29	8·31	...	2·20	25	8	...	7·8	5·4	...	10	0	0	1	0	1	0	0	0	0
Guna	98·9	−1·4	111	1	79·8	+0·6	71	22	3·64	12·69	+6·66	4·20	23	11	+3·8	11·7	9·5	+2·3	14	0	0	15	0	1	0	0	0	0
Neemuch	97·0	−1·4	107	12	78·5	+0·7	72	4days	2·74	4·59	+0·36	0·93	27	10	+5·2	3·3	10·6	+1·2	14	0	0	15	0	0	0	0	0	0
Ratlam	96·1	...	105	9,12	77·5	...	70	19	0·90	3·52	...	1·40	19	5	...	(b) 10·6	8·7	...	10	0	0	5	0	0	0	0	0	0
Indore	95·7	−0·7	106	9	76·3	+1·0	69	19	3·25	8·31	+2·51	2·02	19	10	+2·7	14·2	12·6	+0·2	10	0	0	12	0	0	0	0	0	0
Bhopal (Bairagarh)	96·7	−1·0	107	10	77·4	+0·4	68	5	2·09	5·27	−1·56	1·51	26	10	+0·6	12·3	11·6	+2·8	15	0	1	13	0	0	0	1	0	0
Vindhya Pradesh																												
Nowgong	102·5	−0·3	115	14	82·8	+0·1	73	9	4·24	9·63	+4 19	3·03	22	9	+2·9	7·2	5·6	+2·0	11	0	0	5	0	0	0	0	0	0
Sutna	101·1	+0·6	113	1,13, 14	82·4	+0·6	71	9	7·10	14·24	+8·70	5·67	22	10	+3·7	7·8	6·0	+0·3	13	0	0	0	0	0	0	0	0	0
Umaria	98·9	+1·0	111	14	79·8	+0·2	73	22	2·80	7·12	0	3·05	22	10	0	6·5	4·2	−0·2	13	0	0	7	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia	101·9	...	112	13	82·4	...	75	18,19, 22	0·71	2·67	...	0·80	30	5	...	5·6	4·3	...	8	0	0	1	0	1	0	0	0	0
Pendra	96·0	+2·9	108	14	79·0	+3·3	72	21,29	3·38	5·99	−1·94	2·05	22	10	−1·7	6·6	5·7	+0·8	11	0	0	8	0	0	0	0	0	0
Raigarh	103·0	...	115	2,14	83·3	...	76	23	2·14	5·69	...	1·11	23	10	...	4·4	4·7	...	13	0	0	0	0	0	0	0	0	0
Ambikapur	96·4	...	108	1,13, 14	77·4	...	72	10,31, 28	1·56	5·11	...	1·20	21	10	...	8·6	6·3	...	13	0	0	5	0	0	0	0	0	0
Champa	104·4	...	114	2,13, 14	83·9	...	75	27	2·15	3·13	...	1·42	27	7	...	8·0	6·4	...	7	0	0	6	0	6	0	0	0	0
Raipur	101·9	+4·0	113	1,17	82·9	+3·8	73	23	0·48	2·49	−6·57	0·87	21	6	−3·7	8·7	7·9	−0·4	9	0	0	5	0	0	0	0	0	0
Kanker	98·4	+3·6	109	1,2	82·0	+4·1	73	21,23, 24	0	3·18	−7·22	1·24	21	6	−4·3	10·6	7·5	+2·2	7	0	0	10	0	0	0	0	0	0
Chanda	102·5	+2·8	111	2,9,12	82·9	+3·0	76	22	1·16	2·56	−5·49	1·16	18	3	−6·8	9·7	6·8	+1·5	5	0	0	5	0	0	0	0	0	0
Sironcha	102·5	...	112	1	82·5	...	74	10	0·27	4·07	...	1·39	10	9	...	7·1	5·2	...	15	0	0	8	0	0	0	0	0	0
Jagdalpur (P.B.O.)	95·4	+3 7	108	2	77·0	+2·3	70	26	1·88	4·16	−5·49	1·72	21	9	−2·9	6·6	5·3	...	13	0	0	11	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana	93·6	...	100	7days	75·0	...	70	22	1·90	6·46	...	1·52	15	9	...	9·8 (i)	9·7 (i)	...	11	0	0	3	0	0	0	0	0	0
Akola	100·2	+1·2	107	4days	79·5	+1·2	73	16	5·37	7·99	+1·86	2·18	20	8	−0·1	8·6	9·2	+1·5	14	0	0	16	0	0	0	0	0	0
Amravati	100·7	+2·5	108	9,10, 12	79·8	+2·1	73	27	0·16	1·95	−4·60	0·83	27	5	−3·7	12·9	11·0	+3·6	11	0	0	14	0	0	0	0	0	0
Yeotmal	99·2	...	108	1	77·8	...	72	18,22	2·21	5·60	...	1·84	18	9	...	14·0	12·7	...	13	0	0	0	0	0	0	0	0	0
Khandwa	99·2	+0·4	109	9	79·9	+1·1	73	14,19	0·40	2·43	−3·17	1·30	19	5	−2·0	11·0	10·7	+2·5	5	0	0	2	0	0	0	0	0	0
Hoshangabad	99·1	+0·4	109	1,11, 12	80·5	+0·8	72	29	1·98	5·46	−0·41	3·15	28	9	+0·8	5·6	4·6	+0·7	11	0	0	9	0	0	0	0	0	0
Sagar	96·6	−1·8	107	4days	79·5	+1·4	73	20,29	2·53	9·46	+3·27	3·19	28	11	+2·9	17·1	15·1	+3·1	13	0	0	11	0	0	0	0	0	0
Jabalpur	99·8	+1·7	111	12,13 14	80·6	+2·0	72	22	2·29	7·16	+0·13	2·47	22	9	+0·2	7·6	6·0	+2·4	12	0	0	5	0	0	0	0	0	0
Mandla	98·8	...	109	12,13	78·2	...	73	29	1·59	4·17	...	0·89	28	11	...	7·1	3·9	...	16	0	0	11	0	1	0	0	0	0
Seoni	97·0	+1·9	108	11	77·6	+2·8	71	5	1·23	4·42	−4·14	1·38	19	10	−1·1	7·0	5·1	+0·7	14	0	0	5	0	0	0	0	0	0
Chhindwara	94·9	...	105	11,12	78·0	...	72	24	1·43	3·45	...	0·76	22	9	...	8·4	6·3	...	13	0	0	11	0	0	0	0	0	0
Betul	94·9	...	104	9,10	76·7	...	72	4days	2·99	5·18	...	1·43	21	7	...	7·2	5·5	...	10	0	0	6	0	1	0	0	0	0
Nagpur	102·5	+3·0	111	4days	81·6	+2·0	73	19	2·26	3·30	−5·52	1·60	21	5	−5·2	9·7	8·3	...	11	0	0	10	0	0	0	1	0	0

(i) Mean of 22 days. (b) Mean of 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	101·2	...	109	9,10	81·3	...	75	27	0	1·51	...	0·92	16	2	...	...	...	...	2	0	0	1	0	1	0	0	0	0
Surat ...	92·6	−0·2	100	11	80·8	+0·9	73	24	3·17	9·82	+1·20	4·89	23	8	0	9·2	8·4	+1·0	13	0	0	1	0	0	0	0	0	0
Ahmedabad ...	101·3	−0·5	109	1	81·3	+0·5	73	19	0·24	1·74	−1·92	1·38	28	2	−2·7	7·3	6·8	−0·2	5	0	0	5	0	0	0	0	0	0
Dohad ...	96·6	−0·6	107	9	77·9	−0·6	71	19	0·02	4·03	+0·50	1·98	18	4	−1·0	17·6	17·1	+7·0	8	0	0	7	0	1	0	0	0	0
Baroda ...	98·8	+1·1	108	9	80·6	+0·8	73	19	2·28	5·70	−0·71	2·61	14	7	+0·3	6·1	5·8	−0·8	7	0	0	7	0	0	0	0	0	0
Baroda (Aerodrome) ...	98·1	...	107	9	80·8	...	74	18,19, 20	2·39	4·05	...	1·07	14	7	...	10·1	10·0	...	7	0	0	3	0	0	0	0	0	0
Broach ...	95·9	...	105	11	80·9	...	73	18	2·69	8·42	...	3·27	25	10	...	9·1	8·3	...	14	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	97·9	+0·6	104	9	81·7	+2·0	77	27	0·03	0·49	−0·89	0·30	27	1	−0·9	13·0	11·5	−0·2	4	0	0	2	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0·03	0·49	...	0·30	27	1	...	8·2	8·2	...	4	0	0	1	0	0	0	0	0	0
Dwarka ...	89·5	+0·2	92	17	82·8	+0·4	79	22	2·64	3·84	+1·83	2·26	26	5	+2·7	13·8	13·9	+0·8	7	0	0	2	0	0	0	0	0	0
Jamnagar ...	97·2	+0·6	101	1,3	80·8	+0·4	77	20,21	1·48	4·00	+1·43	2·19	21	3	0	...	...	...	9	0	0	5	0	0	3	0	0	0
Rajkot ...	99·1	−0·3	105	5,10,12	79·3	+1·1	76	13,14	0·56	1·92	−2·18	1·24	13	3	−1·8	15·4	15·0	+3·3	6	0	0	6	0	0	0	0	0	0
Rajkot (Aerodrome) ...	99·0	...	105	10	79·3	...	77	14,20, 23	...	2·74	...	1·65	13	4	...	...	16·8	...	8	0	0	4	0	0	0	0	0	0
Veraval ...	89·2	...	94	19	81·5	...	77	22	7·25	12·03	+7·37	3·85	23	7	+3·1	16·0	15·6	+5·2	11	0	0	4	0	0	0	0	0	0
Bhavnagar ...	98·0	−1·8	107	3,5	80·7	+0·5	74	20	3·20	3·87	−0·03	0·91	23	7	+2·3	9·3	8·4	+0·5	12	0	0	5	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	97·5	...	107	3	81·2	...	74	20	...	4·34	...	0·83	15	8	...	...	17·7	...	10	0	0	4	0	0	1	0	0	0
Konkan																												
Dahanu ...	89·7	...	95	3	79·2	...	73	16,22	9·94	19·99	...	6·50	23	15	...	13·2	(c) 10·8	...	15	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	89·3	+0·8	95	5,8	78·9	+0·3	75	8	8·46	23·69	+4·63	6·17	21	17	+2·4	10·3	9·7	+0·3	23	0	0	8	0	0	0	0	5	0
Bombay-(Santa Cruz Arodrome) ...	89·3	+0·8	93	5 days	78·1	−0·5	73	8	8·97	33·24	+14·18	8·20	21	15	+0·4	12·0	(p) 10·3	...	22	0	0	9	0	0	0	0	0	0
Alibag ...	87·3	+0·2	92	2,3,6	78·0	−0·5	73	8	...	19·38	−4·21	2·44	15	20	+3·3	...	12·3	−0·2	27	0	0	7	0	0	0	0	0	0
Harnai ...	85·4	...	89	1,3	77·8	...	74	15,22	9·57	30·38	...	3·85	21	23	...	9·6	9·1	...	29	0	0	0	0	0	0	0	0	1
Ratnagiri ...	86·5	...	94	1	76·8	...	73	21,22	5·09	23·65	...	3·71	21	20	...	...	...	...	30	0	0	0	0	0	0	0	0	0
Devgad ...	85·5	...	93	1,2	77·5	...	74	21	6·24	31·07	...	4·17	20	28	...	13·1	12·2	...	29	0	0	0	0	0	0	0	0	0
Vengurla ...	85·4	...	91	2	75·9	...	72	5	9·63	37·47	...	4·64	9	27	...	...	...	...	28	0	0	15	0	0	0	0	0	0
Marmagao ...	83·9	−0·7	88	2	75·6	−0·6	71	19	14·06	38·34	+6·25	4·18	9	26	+3·0	13·0	11·7	+3·6	30	0	0	7	0	0	0	0	0	0
Honavar ...	84·4	...	89	1,2,23	75·0	...	73	5 days	11·50	48·87	+8·19	6·50	28	30	+6·1	4·0	3·6	...	30	0	0	2	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	23·31	−9·82	3·40	24	18	−2·3	...	...	...	22	...	...	...	...	...	...	...	...	...
Jalgaon ...	101·0	...	108	6	79·2	...	74	24,28	1·28	4·00	+1·10	1·30	16	5	−2·3	13·8	12·6	...	12	0	0	1	0	0	0	0	0	0
Malegaon ...	97·1	+0·8	106	1	75·9	+0·8	72	9,18	1·67	2·28	−2·07	0·69	9	7	+0·3	8·4	7·5	−1·9	8	0	0	7	0	0	0	0	0	0
Deolali ...	89·7	...	99	5	73·0	...	68	12	...	3·94	...	0·64	9	11	...	...	11·3	...	15	0	0	8	0	0	0	0	0	0
Ahmednagar ...	92·3	0	102	1,4,5	72·1	+0·1	69	9	0·32	6·85	+1·62	2·20	19	9	+1·5	8·0	6·5	−1·8	13	0	0	3	0	0	0	0	1	0
Poona ...	89·5	+0·1	98	4	73·0	−0·5	69	8,9,10	1·44	7·09	+2·60	2·69	9	9	+1·7	6·1	4·3	−5·5	14	0	0	6	0	0	0	0	2	0
Poona (Lohagaon Aerodrome) ...	89·9	...	100	5	72·1	...	68	10	3·24	5·90	...	2·24	5	7	...	...	...	...	13	0	0	4	0	0	0	0	0	0
Jeur ...	95·0	...	102	1	73·0	...	68	10	2·18	4·63	...	1·71	6	8	...	13·1	11·2	...	11	0	0	6	0	0	0	0	0	0
Sholapur ...	94·9	−0·3	103	2	73·1	−0·7	67	7	0·52	4·49	+0·05	1·16	10	8	+1·5	11·1	8·8	−0·9	11	0	0	6	0	0	0	0	0	0
Miraj ...	88·9	+0·7	95	1,2,9	72·4	+0·5	70	21,22	1·23	1·70	−1·01	0·88	4	5	−0·9	13·0	9·3	−0·5	10	0	0	4	0	0	0	0	0	0
Kolhapur ...	85·3	...	93	1,5	71·8	...	69	21,22	3·24	6·28	...	1·48	5	13	...	14·7	11·1	...	19	0	0	4	0	0	0	0	0	0
Bijapur ...	90·8	−1·3	97	1,2	71·9	−0·2	69	15,21, 22	1·35	1·99	−1·03	0·90	9	5	−0·4	10·4	9·0	+0·4	10	0	0	0	0	0	0	0	0	0
Belgaum ...	...	...	...	...	...	...	...	...	0·30	7·73	−0·37	1·30	8	16	+3·1	...	...	...	21	...	...	...	...	...	...	...	...	...
Gadag ...	87·3	−0·6	94	1,2	71·2	0	69	2	1·29	2·54	−0·13	1·04	8	5	−0·6	14·6	13·9	+1·1	10	0	0	2	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	93·5	−0·7	103	1,5	73·7	+0·7	71	5 days	1·54	9·54	+4·10	2·14	15	11	+3·3	11·6	10·8	−0·4	16	0	0	13	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	93·7	...	103	1	73·2	...	68	8	0·93	5·83	...	1·31	8	12	...	11·6	10·3	...	18	0	0	14	0	0	0	0	0	0
Parbhani ...	98·5	...	107	1,2	76·4	...	73	7,27,28	1·06	4·26	−1·25	1·28	27	6	−1·8	...	...	...	14	0	0	17	0	0	0	0	0	0
Ramagundam ...	103·2	...	113	1	84·6	...	76	23	0	3·77	...	0·80	28	8	...	6·8	5·8	...	11	0	0	0	0	0	0	0	0	0
Nizamabad ...	99·5	+2·5	108	1	76·7	−0·7	71	24	0·70	2·89	−2·95	0·86	10	8	−0·7	8·7	6·0	+0·2	12	0	0	2	0	0	0	0	0	0
Bidar ...	93·7	+0·8	102	1	73·2	+0·8	68	5	0·62	2·58	−2·22	1·07	5	4	−3·1	15·1	14·7	+2·1	8	0	0	0	0	0	0	0	0	0

(c) Mean of 28 days. (p) Mean of 15 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	95·3	−0·5	101	1,2	74·8	+0·6	73	6days	0·42	1·71	−2·73	0·77	18	3	−3·9	15·8	14·2	+4·1	4	0	0	5	0	1	0	0	0	
Raichur ...	95·0	−0·3	101	1	75·5	+0·6	74	5days	0·26	1·85	−1·77	0·86	5	3	−3·0	14·4	13·7	+3·6	8	0	0	5	0	0	0	0	0	
Hyderabad (Nizamiah) ...	95·9	+1·3	103	1,2	76·2	+1·0	70	9	0·77	2·40	−2·01	2·30	9	1	−5·5	12·9	12·7	+3·0	3	0	0	7	0	0	0	0	0	
Hyderabad (Begumpet Aerodrome) ...	95·1	...	101	1,2	75·6	...	70	9	0·08	1·94	...	1·90	9	1	...	14·3	14·9	...	2	0	0	6	0	0	0	0	1	
Hanamkonda ...	97·8	+0·5	107	1,2,4	81·6	+2·1	75	9	0·29	2·34	−3·67	0·71	4	8	−0·2	10·4	9·5	+2·4	9	0	0	5	0	0	0	0	0	
Khammameth ...	102·5	...	111	1,2	83·9	...	76	25	0·11	1·40	...	1·22	25	2	...	9·5	7·7	...	3	0	0	0	0	0	0	0	0	
Coastal Andhradesa.																												
Nellore ...	99·8	−1·6	113	1,2,9	82·3	0	75	9	0	0·97	−0·30	0·53	9	2	−0·9	4·9	3·7	−2·1	4	0	0	6	0	0	0	0	0	
Ongole ...	101·1	...	106	2	84·9	...	77	9	0	0·21	...	0·18	9	1	...	10·5	8·3	...	2	0	0	1	0	0	0	0	0	
Gannavaram ...	101·9	...	110	1,2	83·3	...	75	24	0·15	2·92	...	1·05	25	6	...	13·9	11·7 (b)	...	7	0	0	3	0	0	0	0	0	
Masulipatam ...	99·8	+1·6	108	2	82·3	+1·6	76	9,26	0·33	3·12	−1·10	1·25	25	5	−1·2	13·2	10·1	+2·6	8	0	0	3	0	0	0	0	0	
Kakinada ...	98·7	+1·9	109	2	81·8	+0·9	72	5	0·09	6·93	+2·25	4·35	5	5	−2·1	10·1	8·3	+2·2	8	0	0	1	0	0	0	0	0	
Visakhapatnam ...	95·8	+0·3	107	14	81·9	+1·3	75	4days	1·22	3·83	−0·31	1·38	19	7	+0·5	12·1	9·3	+1·9	10	0	0	6	0	0	0	0	0	
Calingapatam ...	93·6	+0·7	105	8	81·4	+0·9	79	19	0·72	2·18	−2·51	0·72	19	3	−3·3	11·0	10·4	+2·4	7	0	0	4	0	0	0	0	0	
Rentachintala ...	102·4	+2·8	109	2	84·5	+2·5	77	9	0	0·43	−3·20	0·43	9	1	−5·6	13·8	10·5	0	1	0	0	0	0	0	0	0	0	
Rayalaseema					(b)																							
Arogyavaram ...	90·4	...	95	1	72·8	...	...	...	0·44	2·03	...	0·41	5	7	...	10·7	8·8	...	10	0	0	4	0	0	0	0	0	
Cuddapah ...	99·1	−0·8	102	5days	78·1	−2·4	72	23,25	0·11	2·06	−0·89	0·90	18	6	+1·2	2·3	1·8	−5·0	7	0	0	0	0	0	0	0	0	
Bellary ...	93·7	−1·9	97	2	77·1	+1·1	75	5	0·06	0·07	−1·63	0·06	25	0	−3·3	9·2 (c)	8·6 (c)	+0·7	2	0	0	0	0	0	0	0	0	
Kurnool ...	95·4	−1·7	101	1	75·9	−1·6	70	10	0·29	4·49	+1·56	2·37	10	7	+1·5	14·3	13·8	+3·7	7	0	0	2	0	0	0	0	0	
Anantapur ...	95·3	...	99	2,3	76·9	...	74	17,18	0·13	0·80	−1·32	0·30	17	4	+0·7	13·4	12·1	...	4	0	0	1	0	0	0	0	0	
Tamilnad.																												
Palayamcottai ...	107·1	...	101	2	81·1	...	77	26	0	0	−0·41	0	...	0	−1·1	13·1	10·0	...	0	0	0	0	0	0	0	0	0	
Pamban ...	89·0	−1·2	91	15,27	81·5	+1·3	80	30	0	0·15	0	0·08	22	0	−0·3	14·4	12·6	+0·7	2	0	0	0	0	0	0	0	0	
Mathurai ...	100·2	+3·1	104	1,4,20	80·0	+2·0	75	1	0	1·43	−0·14	1·13	1	3	+0·5	7·5	5·9	+1·0	3	0	0	2	0	0	0	0	0	
Nagapattinam ...	99·8	+2·1	103	12	81·8	+2·0	77	17	0·03	0·27	−0·96	0·14	22	2	−0·2	9·4	7·5	+1·0	3	0	0	1	0	0	0	0	0	
Tiruchirapalli ...	100·5	+1·8	103	6days	81·3	+2·4	79	17,28	0	0	−1·62	0	...	0	−2·4	23·1	20·7	+4·5	0	0	0	0	0	0	0	0	0	
Coimbatore ...	85·8	−3·0	95	2	73·0	+1·1	71	5days	0·10	0·18	−1·34	0·09	6	0	−4·2	15·3	12·1	+5·9	3	0	0	0	0	0	0	0	0	
Coimbatore (Peelamedu Aerodrome) ...	89·6	...	95	2	72·5	...	67	18	0·07	0·37	...	0·30	2	1	...	26·2	22·5	...	3	0	0	3	0	3	0	0	0	
Salem ...	96·6	+1·3	100	5,11, 13	76·9	+2·0	74	18	1·88	2·81	−0·32	0·74	13	7	+1·6	6·9	6·3	+1·9	8	0	0	5	0	0	0	0	0	
Kallakurichi ...	101·1	...	105	13	81·0	...	77	21	0·27	0·69	...	0·40	21	2	...	...	...	...	5	0	0	5	0	0	0	0	0	
Cuddalore ...	100·2	+1·6	104	13	81·5	+1·2	78	25	0	0·98	−0·41	0·48	25	3	+1·4	7·8	7·3	+2·0	5	0	0	1	0	0	0	0	0	
Vellore ...	98·5	+1·3	103	13	80·3	+1·6	76	2,3	0	1·26	−1·51	0·42	3	6	+1·1	7·8	6·2	+0·9	7	0	0	3	0	0	0	0	0	
Madras ...	98·8	−0·8	103	2	81·7	+0·6	77	23,25	0·87	1·41	−0·45	0·70	4	4	+0·3	13·6	10·5	−0·4	9	0	0	5	0	0	0	0	0	
Madras (Nungambakkam) ...	98·5	...	103	12	81·5	...	76	26	...	1·00	...	0·28	25	4	...	...	5·4	...	7	0	0	1	0	0	0	0	0	
Malabar & South Kanara																												
Mangalore ...	84·8	+0·2	89	2	74·4	−0·5	72	15,18, 28	15·44	42·51	+5·43	4·87	14	28	+3·4	5·6	5·4	0	30	0	0	8	0	0	0	0	0	
Kozhikode ...	86·6	+1·9	91	10	74·4	−0·7	72	27,29, 30	7·62	31·38	−1·70	5·40	27	26	+1·9	6·3	5·7	+0·2	29	0	0	10	0	0	0	0	0	
Palghat ...	85·7	...	93	2	74·1	...	71	30	5·64	11·01	...	1·26	27	22	...	9·9	7·4	...	26	0	0	2	0	0	0	0	0	
Mysore.																												
Chitaldrug ...	87·0	−0·1	92	2	70·5	+0·3	69	5days	0·73	0·81	−1·78	0·37	2	2	−3·2	11·7	9·0	+1·3	8	0	0	0	0	0	0	0	0	
Shimoga ...	85·1	...	92	2	71·0	...	68	28	0·65	2·15	...	0·44	23	8	...	8·3	5·7	...	18	0	0	0	0	0	0	0	0	
Hassan ...	79·0	−2·0	86	2,3	66·7	+0·3	64	8	0·89	1·31	−2·30	0·36	22	6	−3·3	13·2	9·9	+2·9	11	0	0	0	0	0	0	0	0	
Bangalore (Central Observatory) ...	85·0	+0·6	89	2	67·5	+0·8	66	18,20	0·62	3·68	+0·82	2·98	2	3	−2·9	15·5	11·1	−2·9	9	0	0	3	0	0	0	0	0	
Bangalore (Aerodrome) ...	87·1	...	90	11	67·5	...	65	2	0·47	1·64	...	0·93	2	3	...	...	...	...	9	0	0	3	0	0	0	0	0	
Mysore ...	84·3	−0·6	90	2	68·6	+0·5	66	20,28	0·99	1·40	−1·06	0·66	4	5	−0·8	12·3	8·9	+0·1	7	0	0	1	0	0	0	0	0	
Balehonnur ...	75·9	−1·0	83	2,3	65·8	0	64	28	...	13·53	−3·51	2·15	23	21	−0·1	...	...	...	27	0	0	0	0	0	0	0	0	
Travancore-Cochin																												
Fort Cochin ...	84·9	+0·7	88	4days	75·2	+0·1	72	27	6·06	27·38	−1·10	4·42	27	23	−1·3	5·9	4·7	0	26	0	0	6	0	0	0	0	0	
Cochin (Willingdon Island Aerodrome) ...	85·5	...	89	4	74·2	...	71	27	6·12	30·38	...	4·19	27	24	...	4·0	2·7	...	27	0	0	5	0	0	0	0	0	
Alleppey ...	86·6	...	90	24	74·6	...	71	26	5·17	13·76	...	5·17	27	24	...	6·9	6·1	...	27	0	0	0	0	0	0	0	0	
Trivandrum ...	85·1	0	88	3,4	74·0	−0·6	69	27	1·44	9·75	−3·43	3·34	26	22	+4·9	7·9	5·7	+0·4	27	0	0	2	0	0	0	0	0	
Nagercoil ...	86·2	...	90	3,4,5	75·7	...	72	18,26 27	0·96	4·69	...	1·56	16	9	...	12·4	10·2	...	22	0	0	1	0	0	0	0	0	

(b) Mean of 29 days, (c) Mean of 26 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	78·0	...	84	15	66·5	...	56	5	6·61	13·54	...	1·56	30	20	...	4·6	5·3	...	25	0	0	12	10	0	0	0	0	0
Shillong ...	75·2	+0·7	79	13,25	63·6	+0·6	57	2	7·86	19·51	+1·35	4·34	2	24	+4·0	0·8	0·5	-2·3	29	0	0	16	0	0	0	0	0	0
Cherrapunji ...	73·2	+1·2	80	15	64·8	+0·5	60	2,3	19·78	59·37	-46·68	9·61	30	22	−3·0	6·7	6·6	-0·7	23	0	0	10	19	0	0	0	0	0
Darjiling ...	67·4	+2·5	71	6 days	57·2	+0·7	52	2·4	5·57	18·39	-5·79	2·52	18,27	16	−5·0	5·5	5·0	+1·1	27	0	0	8	18	0	0	0	0	0
Darjiling (Raj Bhawan) ...	68·0	...	72	15,16	58·7	...	54	2,4	8·78	21·15	...	2·74	17	19	...	1·5	1·6	...	24	0	0	0	30	0	0	0	0	0
Kalimpong ...	75·9	+0·7	81	15,16	67·3	+1·0	62	2,3	3·73	18·78	+4·23	2·06	29	18	+1·6	1·4	1·0	-4·8	18	0	0	0	0	0	0	0	0	0
Katmandu ...	86·7	+1·9	93	11	64·3	−2·4	58	7	2·35	6·21	−3·47	1·53	25	11	−4·8	2·3	1·2	-0·1	15	0	0	24	0	0	0	0	0	0
Mukteswar (Kumaon) ...	71·0	−2·2	79	2,4	57·9	−0·1	49	3	2·42	6·86	-0·49	1·41	6	13	+2·9	7·8	8·5	-2·3	14	0	0	11	13	0	0	0	0	0
Lokpal ...	42·6	...	47	29,30	31·3	...	25	1	...	8·19	...	0·65	27	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	10·47	...	2·60	29	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	72·1	-3·0	82	14	60·9	−0·1	49	6	4·22	12·14	+3·36	2·53	27	14	+3·8	4·4	3·5	-2·0	6	0	0	10	10	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	6·31	...	1·64	20	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	8·27	...	2·00	29	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	74·3	-0·8	83	14,18	60·0	−0·1	47	7	0·12	10·91	+4·87	2·79	25	13	+3·2	3·1	2·6	-0·5	17	0	0	12	1	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	9·96	+4·96	2·50	22	10	+3·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	2·66	+1·68	1·15	5	5	+2·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	2·37	...	1·17	6	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	10·07	...	1·90	4	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	4·11	...	1·08	7	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	81·0	...	90	13,18,	63·0	...	48	6,7	4·03	5·64	−0·53	1·62	30	9	+2·1	...	3·1	...	9	0	0	0	2	0	0	0	0	0
Dharamshala ...	87·3	...	96	18	75·5	...	65	6	1·96	11·16	...	3·19	24	13	...	...	...	...	15	0	2	18	0	0	0	0	0	0
Pachmarhi ...	88·9	+1·1	100	2	73·2	+1·2	67	23	3·84	9·89	+0·85	3·13	19	14	+3·7	5·0	4·7	-1·5	16	0	0	12	10	0	0	0	0	0
Abu ...	85 5	+1·9	95	9	69·9	+1·3	63	1 6	0·02	0·45	-4·20	0·27	27	1	−4·8	4·7	6·7	-1·3	4	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	71·4	+0·9	79	5	62·8	+0·3	60	21,22, 23	11·86	27·52	-15·17	4·01	24	26	+3·8	9·4	9·9	-0·3	28	0	0	3	29	0	0	0	0	0
Nandi Hills ...	76·4	...	81	2	61·7	...	60	4 days	...	1·72	...	0·58	4	5	...	...	...	...	7	0	0	0	0	0	0	0	0	0
Mercara ...	71·4	-0·8	77	2	63·9	+0·7	62	4 days	7·64	18·23	-7·22	2·45	27	27	+3·8	8·9	8·1	+2·7	28	0	0	0	6	0	0	0	0	0
Kodaikanal ...	67·2	+2·6	74	9	54·3	+1·1	52	24,25, 27	0·48	0·61	-3·63	0·20	20	1	−8·9	9·7	10·3	+0·9	14	0	0	3	0	0	0	0	0	0
Ootacamund ...	64·8	+0·7	70	12	52·9	+0·5	51	8,10,23	1·36	2·82	−3·75	1·01	1	6	−8·1	9·2	7·0	+1·7	20	0	0	0	0	0	0	0	0	0
Coonoor ...	72·9	+0·3	77	5 days	59·7	+0·6	52	21	...	1·79	−1·02	0·81	18	4	−2·0	...	6·5	+2·1	11	0	0	0	0	0	0	0	0	0
Sikkim																												
Thanga ...	...	...	...	...	...	...	...	...	...	4·61	...	0·80	13	19	...	...	...	...	28	0	0	0	0	0	0	0	0	0
Chungthang ...	...	...	...	...	...	...	...	...	...	12·45	...	1·64	3	18	...	...	...	...	18	0	0	0	0	0	0	0	0	0
Lachen ...	...	...	...	...	43·0	...	40	7 day	...	10·05	...	1·80	3	21	...	...	...	...	26	0	0	0	0	0	0	0	0	0
Tibet																												
Yatung (Chumbi) ...	66·2	+2·2	73	15	48·7	−0·1	40	8	...	4·80	-0·92	0·70	15	14	+0·1	...	...	...	14	0	0	0	0	0	0	0	0	0
Lhasa ...	73·3	...	83	10	48·1	...	41	2	...	5·75	...	1·32	18	13	...	...	0·2	...	13	0	0	2	0	0	0	0	0	0
Gyantse ...	72·9	+3·1	80	29	44·7	+2·7	37	2,3	...	1·49	-0·08	0·50	18	4	−0·5	...	...	...	6	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	85·2	-0·8	86	16days	76·9	−0·1	73	27	2·81	8·64	+0·27	1·14	5	17	+3·0	...	...	...	26	0	0	4	0	0	0	0	0	0
Trincomalee ...	93 6	+1·2	96	22,23	79·8	+1·3	78	27	0	0	-0·94	0	...	0	-1·6	...	...	...	0	0	0	0	0	0	0	0	0	0
Batticoloa ...	92·6	...	97	14,16	78·4	...	76	27	0·53	0·53	...	0·23	22	2	...	...	...	...	4	0	0	8	0	0	0	0	0	0
Hambantota ...	86·1	-0·6	93	21 24	77·1	+0·2	74	17,25	0·77	1·43	-0·66	0·66	16	3	-2·8	...	...	...	9	0	0	0	0	0	0	0	0	0
Mannar ...	88·7	...	90	14,16, 22	81·2	...	80	7 days	0	0·04	...	0·04	30	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBESERVATORIES																												
Damodar catchment																												
Bokaro ...	97·8	...	110	1	79·3	...	71	3,20	4·63	8·30	...	2·46	25	11	...	6·4	4 9	...	14	0	0	17	0	0	0	0	0	0
Hazaribagh ...	93·0	...	103	13,14	75·6	...	71	9,20	2·33	3·66	...	1·34	27	6	...	6·5	4·5	...	14	0	0	11	0	0	0	0	0	0
Dhanbag ...	97·5	...	112	1	78·1	...	72	16	5·48	7·32	...	1·63	19	10	...	7·1	6·5	...	16	0	0	12	2	2	0	0	0	0
Mahanadi Catchment																												
Baramul ...	99·6	...	113	14	79·9	...	71	23	2·00	10·12	...	2·35	22	14	...	3·0	2·2	...	17	0	0	0	0	0	0	0	0	0
Hirakud ...	101·5	...	115	2	82·0	...	75	6,26	5·57	11·59	...	2·66	25	13	...	5·3	3·0	...	16	0	0	0	0	0	0	0	0	0
Barkachhar ...	102·0	...	110	1,2	82·0	...	74	20	0	4·87	...	1·67	20	6	...	10·3	7·4	...	7	0	0	0	0	0	0	0	0	0
Sonepur ...	101·9	...	114	14	81·9	...	73	10	...	3·83	...	1·12	26	8	...	...	6·3	...	14	0	0	0	0	0	0	0	0	0
Gunabahar ...	98·2	...	110	14,15, 16	76·0	...	73	21	...	9·00	...	2·31	25	11	...	...	...	...	0	0	0	0	0	0	0	1	0	0
Jenk ...	102·8	...	115	2	84·4	...	75	22	1·60	3·49	...	1·78	22	3	...	6·4	4·9	...	6	0	0	13	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JUNE 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	80·0	...	88	13	61·3	...	50	6	...	7·17	...	2·10	27	7	...	...	...	...	13	0	0	0	0	0	0	0	0	0
Badrinath ...	66·0	...	68	28,29, 30	45·8	...	43	1,2	...	3·35	...	0·60	18	11	...	...	...	...	11	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
Punasa ...	100·7	...	110	9	80·5	...	74	19	0·94	2·11	...	0·80	19,28	4	...	10·4	3·3	...	8	0	0	8	0	0	0	0	0	0
Bagra Tawa ...	99·0	...	109	9,10,11	31·9	...	74	19,28	2·42	6·47	...	2·10·	28	7	...	8·3	6·8	...	1	0	0	6	0	2	0	0	0	0
Thikri ...	101·2	...	108	6,13	79·6	...	68	19	...	1·74	...	0·68	19	3	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Tapti Catchment.																												
Nandurbar ...	97·1	...	106	9	78·0	...	73	23	...	2·74	...	1·12	18	5	...	...	...	...	11	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	99·4	...	105	10,12	77·5	...	74	8	...	0·80	...	0·44	18	2	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Dharoi ...	100·6	...	108	9	...	...	...	...	..	3·91	...	2·58	27	2	...	...	...	...	2	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1006·7	997·8	...	78·3	76·6	75·8	30·8	92	...	7·3	...	11·3	0	12	18	0	0	0	0	0	21	9	0	0
	0830	,,	1008·9	999·0	+0·4	81·7	78·1	76·7	31·5	87	+ 5	7·3	+0·6	13·9	0	10	20	0	1	0	0	0	22	7	0	0
	1130	,,	1007·2	998·3	...	82·1	78·2	76·5	31·0	84	...	7·2	...	16·5	0	20	10	0	0	0	0	0	21	9	0	0
	1730	,,	1006·1	997·8	...	79·1	77·1	76·1	30·8	91	...	7·6	...	11·7	0	13	17	0	0	1	0	1	20	8	0	0
	2330	,,	1007·3	998·3	...	78·4	76·9	76·1	30·9	93	...	7·0	...	13·1	0	15	15	0	0	0	0	1	22	6	1	0
Assam																										
Dibrugarh ...	0830	348	1003·0	990·8	−0·8	82·3	78·9	77·4	32·0	86	− 1	6·9	+0·7	1·7	0	0	25	7	2	3	1	2	3	1	6	5
	1730	,,	998·9	987·2	...	85·0	79·7	77·7	31·9	80	...	5·9	...	0·8	0	0	11	1	3	3	0	0	2	2	0	19
Dibrugarh (Mohanbari Aerodrome)	0530	364	1002·1	989·7	...	78·2	76·3	75·3	29·9	91	...	7·1	...	1·3	0	0	14	0	8	3	0	0	2	0	1	16
	0830	,,	1003·1	990·7	...	82·8	78·1	76·0	31·3	81	...	2·4	...	2·1	0	0	22	2	15	1	1	1	1	1	0	8
	1130	,,	1001·8	989·5	...	86·2	79·1	76·1	30·9	73	...	7·2	...	3·0	0	0	28	3	13	1	0	1	7	1	2	2
	1730	,,	999·1	986·9	...	86·0	79·0	75·8	30·7	73	...	5·9	...	2·3	0	0	24	1	18	1	0	1	0	3	0	6
	2330	,,	1002·0	989·5	...	79·3	77·1	76·2	30·5	90	...	6·0	...	1·3	0	0	13	1	6	2	0	1	2	1	0	17
Sibsagar ...	0830	317	1003·6	992·4	0	82·4	78·7	77·2	32·1	82	− 3	7·0	0	2·4	0	0	28	3	8	2	3	5	4	0	3	2
	1730	,,	999·1	988·5	...	86·3	80·2	78·2	32·6	76	...	6·1	...	3·5	0	0	27	5	6	1	2	4	2	1	6	3
Tezpur ...	0830	258	1003·1	994·3	−0·2	82·2	79·3	78·3	32·7	87	+ 3	5·9	−0·3	2·1	0	0	28	1	0	16	6	0	1	4	0	2
	1730	,,	999·1	990 4	...	87·2	81·6	79·5	34·4	79	...	4·7	...	1·1	0	0	15	0	2	8	3	0	0	2	0	15
Tezpur (P.B.O.) ...	0530	257	1002·4	993·3	...	78·3	77·4	77·0	31·6	95	...	6·3	...	0·8	0	0	8	2	0	0	1	3	1	1	0	22
	0830	,,	1003·1	994·3	...	82·9	79·1	77·5	31·9	84	...	6·4	...	2·4	0	0	25	1	6	6	4	2	3	2	1	5
	1130	,,	1001·9	993·2	...	86·1	80·2	77·6	32·6	75	...	5·9	...	2·9	0	0	26	5	3	6	1	3	7	1	0	4
	1730	,,	999·3	990·6	...	85·7	80·1	78·6	32·7	78	...	5·4	...	0·5	0	0	8	1	0	4	0	2	0	1	0	22
	2330	,,	1001·8	993·0	...	79·9	78·5	78·1	32·5	93	...	5·4	...	0·4	0	0	4	1	0	1	0	1	1	0	0	26
Gauhati ...	0830	182	1002·3	996·1	−0·2	84·2	80·0	78·1	33·4	83	+ 1	6·1	−0·1	2·1	0	0	29	2	2	7	4	3	6	1	4	1
	1730	,,	998·8	992·6	...	86·2	80·3	78·0	32·5	77	...	6·0	...	1·5	0	0	19	0	1	1	3	2	9	1	2	11
Gauhati (Kaikuchi... Aerodrome)	0530	162	1001·3	995·8	...	79·8	78·3	77·7	32·4	93	...	6·2	...	1·3	0	0	9	0	1	3	0	3	1	0	1	21
	0830	,,	1002·4	996·9	...	84·0	79·9	78·4	33·3	84	...	5·9	...	2·6	0	0	21	2	4	8	1	1	3	2	0	9
	1130	,,	1001·3	995·8	...	87·1	80·7	78·3	32·5	75	...	5·7	...	4·7	0	0	28	2	8	7	0	2	3	1	5	2
	1730	,,	998·8	993·3	...	85·2	79·8 (b)	77·8 (b)	32·1 (b)	79 (b)	...	5·5	...	0·9	0	0	8	1	1	3	0	1	1	1	1	22
	2330	,,	1001·3	995·7	...	81·0	79·3	78·6	33·7	93	...	4·9	...	1·0	0	0	9	1	2	0	0	2	3	0	1	21
Dhubri ...	0830	115	1003·7	999·8	+1·5	83·0	80·8	79·9	35·3	91	+ 5	6·3	+0·2	4·9	0	2	28	4	11	4	3	3	5	0	0	0
	1730	,,	999·8	995·9	...	84·6	81·9	80·7	36·3	89	...	5·7	...	3·8	0	1	19	0	9	0	3	1	6	1	0	10
Silchar ...	0830	96	1003·4	1001·1	−0·2	81·6	78·9	77·8	32·9	89	+ 5	6·2	+0·1	0·5	0	0	8	0	1	2	3	1	1	0	0	22
	1730	,,	999·9	996·6	...	84·4	79·6	77·5	32·0	81	...	6·0	...	0·8	0	0	8	0	0	0	2	1	3	2	0	22
Tura ...	0830	1,215	1003·4	962·5	...	80·1	77·0	75·4	30·4	86	...	6·6	...	2·3	0	0	18	1	1	0	4	4	5	2	1	12
	1730	,,	999·4	958·8	...	82·8	78·6	77·0	31·8	83	...	6·6	...	3·0	0	0	22	0	0	2	3	1	14	0	2	8
Lumding ...	0830	...	...	...	...	83·1	79·1	77·3	32·1	83	+ 2	...	...	3·1	0	0	28	5	3	8	6	2	1	1	2	2
	1730	...	...	...	...	86·4	84·1	82·7	38·6	89	...	...	...	4·4	0	0	28	1	3	3	7	5	5	0	4	2
West Bengal																										
Dum Dum ...	0530	33	999·5	998·4	...	80·4	78·0	77·0	31·5	89	...	6·2	...	4·1	0	1	19	2	1	3	5	7	3	0	0	10
	0830	,,	1000·8	999·7	...	86·5	80·6	78·3	33·0	77	...	6·2	...	6·5	0	3	26	2	3	4	8	7	4	1	0	1
	1130	,,	1000·2	999·1	...	91·1	81·3	77·3	31·7	65	...	6·0	...	8·9	0	6	22	1	1	4	5	10	6	1	0	2
	1730	,,	997·5	996·4	...	88·0	80·9	77·7	32·9	78	...	6·4	...	8·7	0	5	25	0	1	6	6	12	5	0	0	0
	2330	,,	1000·1	999·0	...	81·7	78·7	77·5	32·5	87	...	4·7	...	5·0	0	1	23	1	1	1	9	10	1	0	1	6
Calcutta ...	0830	21	1000·8	1000·1	+0·1	86·5	81·3	79·0	34·5	79	0	3·2	−2·9	3·4	0	1	28	3	3	2	10	4	6	1	1	1
	1730	,,	997·7	997·0	...	88·2	81·0	78·0	33·1	73	...	6·0	...	3·8	0	0	30	0	0	3	15	8	3	1	0	0
Saugor Island ...	0830	10	1000·8	1000·5	+0·2	86·9	81·7	79·6	35·0	79	+ 1	6·3	−0·2	13·1	0	16	13	1	3	1	5	5	13	1	0	1
	1730	,,	997·8	997·5	...	86·3	78·2	79·7	29·4	79	...	5·8	...	13·7	0	16	14	0	1	1	9	10	9	0	0	0
Sandheads ...	0530	32	999·4	998·3	...	85·1	81·4	79·9	35·4	84	...	7·3	...	10·2	0	9	18	0	0	0	1	7	10	8	1	3
	0830	,,	1000·3	999·3	−0·8	86·3	82·0	80·2	34·8	82	+ 2	7·4	+1·7	9·8	0	10	19	1	1	0	3	3	17	2	1	1
	1130	,,	1000·0	998·9	...	87·2	82·2	80·1	35·5	80	...	7·0	...	10·4	0	12	15	1	2	1	3	5	11	4	0	3
	1730	,,	997·7	996·7	...	86·3	81·6	79·7	35·0	81	...	6·8	...	11·3	0	10	18	1	0	1	3	10	13	0	0	2
	2330	,,	999·8	998·7	...	85·4	81·6	80·0	34·6	84	...	2·4	...	10·7	0	11	18	0	1	0	1	7	16	3	1	1
Midnapore ...	0830	149	1000·5	995·4	0	86·5	79·9	77·0	32·0	74	− 4	4·5	−0·5	3·3	0	1	20	0	2	1	2	9	5	2	1	9
	1730	,,	997·9	992·8	...	88·3	79·8	76·3	30·9	69	...	6·5	...	3·9	0	1	25	1	0	2	1	2	17	4	1	0	4
Contai ...	0830	35	1000·2	999·0	...	86·3	80·9	78·7	33·4	78	...	3·5	...	5·7	0	5	17	2	0	0	4	2	11	1	0	8
	1730	,,	997·4	996·2	...	85·8	80·8	78·5	33·7	79	...	4·3	...	7·7	0	3	21	0	0	3	5	3	12	0	1	6
Burdwan ...	0830	106	1000·5	996·9	0	86·8	80·4	77·7	32·4	75	− 5	1·7	−4·2	3·0	0	0	20	1	1	2	4	4	8	0	0	10
	1730	,,	997·0	993·5	...	89·9	79·9	75·4	30·3	64	...	4·1	...	4·4	0	1	26	0	4	6	4	4	7	1	1	3
Krishnagar ...	0830	48	1001·0	999·3	−0·1	85·9	81·1	79·6	33·8	81	+ 2	4·9	−0·8	3·2	0	0	29	3	2	1	3	18	1	1	1	1
	1730	,,	998·0	996·4	...	87·7	82·1	80·4	35·0	79	...	5·2	...	2·2	0	0	28	0	1	12	10	5	0	0	1	2
Asansol ...	0530	414	999·3	985·2	...	80·6	77·4	76·0	31·1	86	...	5·4	...	3·1	0	0	22	0	2	3	13	2	1	0	1	8
	0830	,,	1000·2	986·3	+0·2	86·9	79·3	75·8	30·9	71	− 3	4·0	−1·3	4·2	0	0	25	1	1	5	10	4	2	2	0	5
	1130	,,	999·4	985·7	...	93·0	79·6	73·0	28·9	56	...	4·2	...	4·6	0	0	27	0	2	5	12	2	2	4	0	3
	1730	,,	996·6	982·8	...	89·6	77·5	71·2	26·9	61	...	6·1	...	5·1	0	1	25	1	1	10	8	4	0	1	1	4
	2330	,,	999·6	985·2	...	82·3	77·4	75·1	29·7	80	...	4·8	...	4·3	0	0	24	0	0	4	16	3	0	0	1	6
Berhampore ...	0830	62	1001·2	998·7	0	85·2	79·9	77·6	32·1	79	− 2	5·0	+1·1	3·1	0	0	27	0	3	6	6	11	1	0	0	3
	1730	,,	997·5	995·4	...	87·7	80·0	76·7	31·8	72	...	6·7	...	2·3	0	0	24	0	1	8	12	2	0	0	1	6
Malda ...	0830	103	1001·2	997·7	0	85·3	79·6	77·2	32·3	78	− 3	4·9	−0·1	4·1	0	0	28	1	3	9	8	5	1	0	1	2
	1730	,,	997·6	994·1	...	87·9	79·9	76·3	31·2	71	...	5·9	...	3·9	0	0	26	2	0	9	10	2	1	1	1	4
Cooch-Behar ...	0830	145	1001·0	995·9	...	83·9	79·4	77·7	32·3	80	...	(b) 5· (b)	...	(b) 5·3 (b)	(b) 0	1	26	1	1	13	6	3	2	0	1	2
	1730	,,	997·4	992·7	...	85·7	77·8	75·3	28·8	78	...	4·9	...	3·9	0	0	27	1	1	8	7	6	3	1	0	2

(b) Mean of 29 days.

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p-km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	1002·6	993·3	+0·3	81·6	77·5	75·7	30·5	83	−3	5·9	+1·1	3·9	0	0	27	7	8	11	1	0	0	0	0	3
	1730	,,	998·7	989·5	...	86·3	79·6	76·8	31·8	74	...	5·8	...	4·7	0	1	27	2	3	10	8	2	1	0	2	2
Jalpaiguri (P.B.O.)..	0530	271	1001·6	992·3	...	77·6	76·1	75·1	30·1	92	...	6·3	...	2·4	0	0	14	3	7	2	0	0	1	0	1	16
	1130	,,	1001·8	992·6	...	85·9	79·5	76·7	31·4	76	...	5·2	...	3·9	0	1	24	1	6	10	6	2	0	0	0	5
	2330	,,	1001·5	992·2	...	80·2	78·2	77·4	31·9	91	...	4·8	...	2·2	0	0	17	1	6	8	1	0	1	0	0	13
Bagdogra * ...	0530	416	1004·4	986·8	...	77·4 (b)	75·5 (b)	74·5 (b)	29·1 (b)	91 (b)	...	6·0 (b)	...	3·6 (b)	0	1	16	1	10	5	0	0	0	0	1	13
	0830	,,	1002·0	987·9	...	83·6	77·7	75·6	30·1	81	...	5·2	...	4·7	0	0	27	1	14	9	1	0	1	1	0	2
	1130	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Orissa																										
Balasore ...	0830	65	1000·2	998·3	+0·1	86·7	80·7	78·2	33·1	76	−1	6·8	+1·4	6·1	0	0	30	2	2	1	1	8	13	2	1	0
	1730	,,	997·0	995·0	..	86·1	80·2	78·2	32·4	77	...	7·5	...	6·8	0	3	27	2	0	0	9	8	6	2	3	0
Chandbali ..	0830	20	1000·6	999·9	−0·4	85·6	81·1	78·7	33·8	78	−1	3·	−2·8	3·7	0	0	23	0	0	0	5	5	9	1	3	7
	1730	,,	997·2	997·5	...	86·6	81·6	79·6	34·6	81	...	4·3	...	3·2	0	0	26	0	1	0	15	1	8	1	0	4
Puri ...	0830	20	1001·0	1000·3	−0·2	82·6	81·3	79·5	35·6	82	+1	5·5	+0·2	13·0	0	17	13	2	1	1	3	4	15	4	0	0
	1730	,,	998·4	997·7	...	85·7	81·4	79·6	34·3	83	...	5·9	...	16·0	0	20	10	0	2	1	0	8	16	3	0	0
Bhubaneswar ...	0830	150	1000·9	995·7	...	85·9	80·4	77·9	33·0	78	...	6·1	...	9·7	0	9	17	2	0	0	0	1	15	7	1	4
	1130	,,	1000·2	995·0	...	92·2	81·0	75·6	31·2	63	...	5·9	...	9·0	0	5	24	0	0	0	0	5	17	5	2	1
Cuttack ...	0830	87	1000·7	997·7	−0·5	85·5	79·5	7 ·8	31·7	76	+1	5·9	+0·2	1·3	0	0	10	0	0	1	0	1	5	1	2	20
	1730	,,	997·3	994·3	...	91·9	79·2	72·8	28·6	59	...	6·2	...	2·6	0	0	14	0	0	2	0	4	6	1	1	16
Cuttack (P.B.O.) ...	0530	87	999·6	997·1	...	82·6	79·2	77·9	33·2	86	...	6·4	...	2·1	0	0	15	0	1	1	3	3	5	1	1	15
	0330	,,	1000·8	997·9	...	88·5	81·4	79·3	33·5	76	...	6·1	...	3·1	0	0	20	1	1	0	2	4	9	2	1	10
	1130	,,	999·8	997·1	...	93·5	82·1	78·0	32·1	63	...	5·7	...	4·2	0	0	28	1	1	0	4	7	6	2	7	2
	1730	,,	997·5	994·7	...	90·7	81·1	77·5	32·0	68	...	6·5	...	4·1	0	0	28	0	2	1	6	5	11	2	1	2
	2330	,,	1000·1	997·4	...	84·3	79·6	78·0	32·7	83	...	4·5	...	3·3	0	0	26	1	2	2	4	8	7	1	1	4
Gopalpur ...	0530	56	1000·1	998·2	..	82·9	81·0	80·3	36·8	93	...	6·7	...	7·5	0	6	20	3	3	0	1	7	12	2	0	4
	0830	,,	1001·4	999·5	+0·2	86·3	82·3	80·9	35·9	84	+3	6·0	+1·5	8·7	0	10	12	0	1	3	0	6	9	2	1	8
	1130	,,	1000·9	999·0	...	88·1	84·2	82·8	38·1	85	...	5·6	...	13·4	0	11	19	0	0	2	3	13	11	1	0	0
	1730	,,	998·3	995·4	...	86·5	83·4	82·1	37·9	88	...	6·3	...	11·3	0	9	20	2	1	0	0	11	13	1	1	1
	2330	,,	1000·6	998·7	...	83·6	82·0	81·5	36·8	93	...	5·3	...	10·9	0	11	17	1	0	0	2	10	14	1	0	2
Koraput ...	0830	2996	895·3	901·8	...	78·2	73·1	69·1	24·6	75	...	5·6	...	5·6	0	0	30	3	0	0	0	1	5	17	4	0
	1730	,,	893·7	901·7	...	83·9	72·3	73·2	22·5	66	...	6·1	...	5·8	0	0	30	4	0	0	0	2	3	16	5	0
Angul ...	0830	455	1001·1	985·7	+0·5	85·9	78·7	75·3	30·6	72	0	6·1	+0·3	3·7	0	2	19	1	4	3	3	0	4	4	2	9
	1730	,,	996·0	981·9	...	94·1	77·0	67·0	24·0	51	...	6·4	...	3·8	0	0	27	2	1	0	4	3	5	7	5	3
Sambalpur ...	0830	486	1000·6	984·3	0	87·6	77·1	71·7	27·0	64	−2	5·1	−0·1	4·4	0	0	27	1	1	0	2	5	12	6	0	3
	1730	,,	996·5	980·5	...	94·9	77·9	66·8	24·2	51	...	6·3	...	4·1	0	0	27	1	1	2	0	2	9	5	7	3
Jharsuguda ...	0530	726	999·1	974·7	...	82·3	74·4	70·5	25·7	70	...	5·5	...	1·9	0	0	14	0	0	1	2	5	4	1	1	16
	0830	,,	999·9	975·9	...	89·3	77·2	72·1	26·5	61	...	4·8	...	3·2	0	0	25	1	1	0	2	6	10	4	1	5
	1130	,,	999·0	975·3	...	95·2	77·5	69·6	24·5	50	...	4·5	...	4·3	0	0	27	2	1	0	2	7	9	3	3	3
	1730	,,	995·8	972·1	...	93·7	75·7	66·4	22·2	52	...	6·5	...	4·5	0	3	21	2	2	1	1	3	8	2	5	6
	2330	,,	999·1	974·9	...	86·3	74·6	68·8	21·2	63	...	5·9	...	2·0	0	0	16	3	1	0	1	6	5	0	0	14
Titilagarh ...	0830	691	1001·2	978·0	...	87·7	74·9	68·1	23·4	57	...	4·9	...	2·5	0	0	29	0	0	0	3	2	9	0	0	1
	1730	,,	996·7	973·9	...	93·9	75·7	65·5	22·4	41	...	5·4	...	1·5	0	0	22	1	2	0	1	4	7	6	1	8
Chota Nagpur																										
Purulia ...	0830	835	1000·1	996·0	...	85·4	78·3	75·1	29·9	72	...	4·6	...	3·9	0	0	29	0	3	1	8	8	3	2	4	1
	1730	,,	972·2	968·3	...	90·2	76·4	69·2	24·5	55	...	6·1	...	2·8	0	0	27	0	2	5	10	4	0	1	5	3
Jamshedpur ...	0330	423	1000·1	985·8	−0·1	87·0	79·2	75·8	30·2	70	0	3·7	−1·7	3·9	0	0	25	1	2	4	3	1	5	7	2	5
	1730	,,	996·5	982·4	...	90·7	77·6	70·8	26·6	59	...	6·4	...	7·9	0	3	25	1	3	9	6	0	2	5	2	2
Jamshedpur(P.B.O.)	0530	477	1000·8	982·9	...	83·9	78·5	77·4	30·7	86	...	5·2	...	1·7	0	0	15	1	2	3	4	0	3	1	1	15
	1130	,,	1001·5	983·1	...	95·1	81·7	76·7	30·7	58	...	4·1	...	2·9	0	0	20	1	2	1	1	5	6	3	1	10
	2330	,,	1001·1	983·2	...	83·3	78·6	77·1	31·6	82	...	5·5	...	3·0	0	0	20	0	0	5	7	2	5	1	0	10
Chaibasa ...	0330	742	999·9	975·1	+0·2	86·3	78·1	74·3	29·4	69	0	7·0	+1·9	2·0	0	0	22	1	1	0	3	3	11	0	3	8
	1730	,,	996·1	971·6	...	92·7	76·5	66·9	24·1	52	...	7·9	...	2·7	0	0	25	2	6	1	2	4	6	1	3	5
Ranchi ...	0830	2150	892·4	929·4	+0·7	83·7	75·0	71·2	26·4	69	+1	4·7	−0·3	1·1	0	0	12	3	1	1	0	4	3	0	0	18
	1730	,,	890·4	926·6	...	87·4	73·3	65·1	22·4	55	...	5·8	...	0·6	0	0	8	0	0	1	1	2	4	0	1	22
Hazaribagh ...	0830	2006	891·7	933·7	0	83·2	74·0	69·3	25·2	67	+2	6·6	+0·9	5·2	0	1	24	1	3	1	1	5	12	1	1	5
	1730	,,	889·2	930·7	...	88·0	73·9	65·8	23·0	56	...	7·1	...	6·4	0	1	28	6	1	3	3	4	4	0	8	1
Hazaribagh (C.W.)..	0530	2008	890·0	932·3	...	76·3	71·8	69·5	24·8	81	...	4·3	...	1·8	0	0	16	1	1	0	3	7	3	0	1	14
	0830	,,	891·6	933·5	...	83·4	74·1	69·5	24·7	67	...	5·4	...	2 2	0	0	19	0	3	0	3	9	2	2	0	11
	1130	,,	891·7	933·1	...	89·8	74·2	65·7	22·6	52	...	4·3	...	2·9	0	0	26	11	3	0	0	7	0	5	0	4
	1730	,,	889·0	930·5	...	86·3	73·5	66·1	22·7	58	...	5·3	...	2·1	0	0	19	8	0	0	1	7	1	0	2	11
	2330	,,	890·5	932·8	...	78·6	71·7	67·6	23·6	73	...	3·2	...	2·0	0	1	13	1	0	1	3	8	1	0	0	16
Daltonganj ...	0830	725	999·3	975·2	+0·1	90·9	75·9	66·3	23·7	52	−8	3·9	+0·4	3·5	0	0	28	2	1	2	4	1	1	15	2	2
	1730	,,	995·3	971·3	...	94·9	76·4	64·6	22·6	47	...	4·9	...	5·4	0	1	29	4	6	6	1	0	0	6	7	0

(b) Mean of 29 days.

* Observations for 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1001·2	997·3	+0·4	84·3	79·4	77·4	31·9	81	− 1	4·6	−0·8	3·5	0	0	29	0	5	21	2	1	0	0	0	1
	1730	,,	997·6	993·4	...	88·1	80·1	76·7	31·9	71	...	4·8	...	1·7	0	0	19	0	1	15	3	0	0	0	0	11
Darbhanga ...	0830	161	1000·1	995·5	+0·4	85·3	80·7	78·7	33·9	82	+ 5	5·4	+0·6	3·8	0	1	28	0	8	12	6	1	1	1	0	1
	1730	,,	997·3	991·8	...	89·9	83·3	80·8	36·1	76	...	4·2	...	3·2	0	0	26	3	10	3	7	1	1	1	1	4
Motihari ...	0830	218	1000·4	993·0	−0·4	85·6	79·8	77·5	31·8	78	+ 1	4·7	+0·6	3·3	0	0	29	0	2	26	1	0	0	0	0	1
	1730	,,	997·0	989·7	...	87·7	80·3	77·1	31 8	72	...	3·9	...	1·7	0	0	19	0	0	19	0	0	0	0	0	11
Patna ...	0830	173	1000·0	994·1	0	85·8	78·5	75·5	29·7	73	+ 1	4·3	−0·2	3·9	0	0	30	1	23	0	2	2	2	0	0	0
	1730	,,	996·3	990·5	...	91·5	79·1	73·2	28·1	60	...	3·4	...	4·3	0	0	29	2	17	0	5	3	1	0	1	1
Patna (Aerodrome) ..	0530	196	998·5	991·7	...	81·1	77·4	75·7	30·7	85	...	4·9	...	4·9	0	1	25	0	2	18	3	0	1	1	1	4
	0830	,,	999·6	992·9	...	85·7	78·5	75·2	30·4	73	...	5·0	...	6·0	0	1	28	1	2	21	1	0	2	2	0	1
	1130	,,	999·3	992·7	...	91·5	79·0	72·7	28·1	60	...	5·1	...	6·5	0	0	30	2	5	12	6	0	2	1	2	0
	1730	,,	995·8	989·4	...	91·8	78·6	71·4	27·7	59	...	4·5	...	5·5	0	0	28	3	8	10	3	2	0	0	2	2
Dehri ...	0830	352	999·0	987·8	...	86·5	76·8	71·3	27·4	65	...	4·4	...	2·8	0	0	30	0	4	4	6	3	7	2	4	0
	1730	,,	995·1	983·6	...	94·5	76·5	65·2	22·9	48	...	4·9	...	3·0	0	0	30	2	7	1	8	1	4	0	7	0
Gaya ...	0530	365	998·0	985·6	...	82·4	76·3	73·3	28·3	74	...	5·1	...	4·3	0	1	23	2	5	10	4	2	1	0	6	6
	0830	,,	998·8	986·9	−0·2	89·0	77·7	71·2	27·0	62	+ 9	4·6	+0·9	5·7	0	2	23	0	4	9	4	5	2	0	1	5
	1130	,,	998·5	986·4	...	94·9	78·5	69·1	26·8	51	...	4·9	...	5·8	0	0	29	7	4	5	1	3	4	1	4	1
	1730	,,	995·3	983·2	...	94·0	78·1	68·7	25·5	53	...	5·5	...	7·0	0	4	24	4	5	6	2	3	2	2	4	2
	2330	,,	998·0	985·7	...	85·8	77·4	72·9	28·1	70	...	4·0	...	3·4	0	0	19	2	5	8	2	0	2	0	0	11
Jamui ...	0830	270	1000·1	990·8	...	87·7	79·4	75·8	30·1	71	...	4·8	...	4·1	0	0	29	0	0	15	10	1	0	1	2	1
	1730	,,	995·8	986·6	...	91·8	78·8	70·8	27·7	59	...	6·1	...	3·9	0	0	26	0	1	11	6	2	0	0	6	4
Dumka ...	0830	489	1000·5	983·3	0	85·7	78·9	76·0	30·4	74	− 1	2·4	−2·3	2·7	0	0	30	1	2	2	13	2	7	2	1	0
	1730	,,	996·9	980·5	...	88·5	78·1	72·9	27·9	64	...	4·7	...	3·4	0	0	30	0	2	5	17	1	2	1	2	0
Sabour ...	0830	122	1000·6	996·5	0	85·8	80·2	77·5	32·9	79	+ 2	4·9	−0·9	6·2	0	3	26	2	1	9	11	3	2	0	1	1
	1730	,,	996·9	992·8	...	89·2	80·6	76·5	31·9	71	...	5·6	...	6·3	0	2	24	3	0	11	8	0	0	2	2	4
Bhagalpur ...	0530	160	999·7	994·4	...	81·2	77·2	76·3	30·4	87	...	4·3	...	1·9	0	0	20	0	1	7	10	1	1	0	0	10
	0830	,,	1000·6	995·1	...	86·9	79·4	76·3	30·9	73	...	4·7	...	3·1	0	0	21	0	3	8	8	1	0	1	0	9
	1130	,,	1000·1	994·7	...	90·9	80·5	75·6	31·8	64	...	5·2	...	2·3	0	0	21	0	0	12	3	4	2	0	0	9
	1730	,,	996·7	991·4	...	90·2	79·5	74·7	29·8	64	...	5·5	...	3·8	0	0	24	2	3	12	6	0	0	0	1	6
	2330	,,	999·7	994·3	...	83·8	78·3	75·6	30·6	79	...	3·6	...	3·2	0	0	23	0	1	11	11	0	0	0	0	7
U. P. East																										
Gonda ...	0830	360	999·6	987·9	...	86·0	77·3	73·3	27·9	68	− 1	5·1	+0·7	5·3	0	0	27	1	0	24	1	0	0	0	1	3
	1730	,,	995·5	982·8	...	96·3	77·2	65·2	23·3	46	...	4·2	...	2·5	0	0	22	1	0	14	0	0	0	1	6	8
Gorakhpur ...	0830	254	999·0	991·0	−0·6	86·2	78·1	73·5	29·2	66	− 7	3·7	+0·3	1·4	0	0	22	0	5	14	2	1	0	0	0	8
	1730	,,	995·7	987·3	...	94·7	78·1	68·6	25·4	49	...	2·5	...	0·8	0	0	13	0	9	0	1	1	1	0	1	17
Gorakhpur (P.B.O.).	0530	257	998·8	990·0	...	80·6	76·1	73·9	28·7	82	...	5·5	...	4·5	0	0	29	2	15	8	2	1	0	1	0	1
	1130	,,	999·6	990·5	...	92·4	79·5	73·5	28·3	58	...	5·6	...	6·7	0	1	27	0	5	10	8	2	1	2	0	2
	2330	,,	998·5	989·8	...	84·5	77·6	74·2	29·0	73	...	3·6	...	4·4	0	0	24	0	8	10	3	2	0	1	0	6
Azamgarh ...	0830	255	998·5	990·4	...	88·1	78·5	74·2	29·0	68	...	5·1	...	1·3	0	0	17	0	0	15	1	0	0	1	0	13
	1730	,,	995·2	986·8	...	94·9	79·1	70·2	26·8	52	...	4·1	...	0·5	0	0	8	3	0	3	0	1	0	1	0	22
Banaras ...	0830	250	999·1	990·6	−0·3	88·8	76·8	69·9	26·2	60	− 1	5·5	+1·5	4·9	0	1	27	3	1	10	2	3	4	5	0	2
	1730	,,	995·0	986·7	...	96·7	77·7	65·1	24·1	46	...	4·7	...	4·8	0	0	28	7	0	4	3	1	1	4	8	2
Banaras (Babatpur, Aerodrome)	0530	280	997·9	988·3	...	82·3	74·6	70·3	25·8	70	...	5·4	...	4·8	0	1	24	1	2	11	4	0	2	4	1	5
	0830	,,	999·1	989·6	...	89·5	76·0	69·5	24·5	57	...	5·2	...	6·6	0	2	26	1	3	6	2	3	6	1	6	2
	1130	,,	998·7	989·4	...	96·0	77·2	66·2	23·3	45	...	4·6	...	7·6	0	4	25	3	4	5	1	3	2	1	10	1
	1730	,,	995·1	985·8	...	97·1	77·3	65·3	22·8	45	...	4·0	...	8·4	0	5	25	2	7	3	3	1	2	3	9	0
	2330	,,	998·0	988·5	...	86·5	75·4	69·0	29·5	61	...	4·0	...	5·6	0	3	21	0	2	10	4	0	3	3	2	6
Allahabad (Bamrauli) ...	0530	322	997·6	986·7	...	84·0	74·9	68·9	24·1	66	...	5·2	...	5·3	0	2	24	3	6	5	5	1	2	3	1	4
	0830	,,	998·7	987·9	−0·4	89·7	76·6	69·3	25·8	58	+ 2	4·7	+0·9	7·3	0	3	27	0	3	5	3	3	4	7	5	0
	1130	,,	998·4	987·7	...	96·4	75·1	67·8	21·6	49	...	4·3	...	8·6	0	5	24	2	5	2	1	4	1	5	9	1
	1730	,,	995·0	984·4	...	97·7	78·4	67·2	24·8	46	...	4·1	...	9·4	0	7	22	3	5	2	2	2	1	4	10	1
	2330	,,	997·7	986·9	...	88·6	76·4	69·4	26·4	59	...	3·4	...	4·7	0	0	25	1	2	7	3	2	5	4	1	5
Fatehpur ...	0830	375	998·9	986·6	...	89·6	76·9	69·8	25·6	60	− 2	4·1	−0·5	3·4	0	1	23	0	4	4	3	2	0	3	8	6
	1730	,,	994·9	982·6	...	97·6	78·5	67·7	24·5	47	...	3·8	...	3·2	0	0	24	1	1	5	1	1	1	4	10	6
Banda ...	0830	398	998·9	985·6	...	90·9	76·9	68·9	24·0	54	...	3·2	...	2·3	0	0	16	0	0	5	0	0	3	7	1	14
	1730	,,	995·0	981·9	...	98·3	78·1	66·3	22·9	45	...	3·4	...	3·3	0	0	22	1	0	2	1	0	3	10	5	8
Orai ...	0830	463	999·0	983·6	...	90·9	78·7	72·4	28·0	60	...	3·7	...	8·5	0	4	25	5	2	3	3	3	1	7	5	1
	1730	,,	995·1	979·8	...	97·4	79·7	70·5	26·1	50	...	4·1	...	12·1	0	11	19	4	4	5	2	0	2	8	5	0
Kanpur ...	0830	414	998·8	985·1	0	88·7	75·3	66·8	23·8	57	− 1	4·2	+2·0	7·2	0	4	25	3	3	6	5	1	2	5	4	1
	1730	,,	994·8	981·4	...	97·3	76·7	63·4	21·9	44	...	3·5	...	8·0	0	2	28	3	3	4	3	2	0	8	7	0
Lucknow ...	0830	371	999·3	986·9	+0·1	88·1	78·5	73·4	29·0	67	+ 6	3·0	−0·3	2·2	0	0	29	3	2	13	3	2	1	1	4	1
	1730	,,	995·3	983·4	...	95·9	80·2	71·3	28·0	54	...	2·8	...	2·5	0	0	26	4	1	8	1	2	0	3	7	4
Lucknow (Amausi Aerodrome)	0530	419	997·9	985·4	...	82·0	75·6	71·8	27·2	72	...	5·4	...	3·6	0	0	20	2	1	10	3	2	0	1	1	10
	0830	,,	999·5	984·9	...	88·6	75·2	60·9	24·0	56	...	4·4	...	9·1	0	4	25	3	5	7	5	1	2	4	2	1
	1130	,,	998·9	984·7	...	94·3	76·4	66·1	22·5	48	...	3·8	...	11·0	0	19	11	2	6	7	3	2	2	1	7	0
	1730	,,	995·3	981·2	...	96·9	75·8	61·6	21·1	42	...	3·5	...	9·3	0	7	22	2	3	7	3	3	0	1	10	1
Hardoi ...	0830	467	998·2	982·3	...	87·6	75·2	67·9	23·9	55	...	4·3	...	4·8	0	1	28	5	5	6	6	1	0	2	4	1
	1730	,,	994·5	977·8	...	95·9	76·3	65·1	22·2	46	...	3·4	...	4·3	0	0	28	11	5	3	4	0	0	1	5	2
Lakhimpur Kheri ...	0830	483	999·8	983·5	...	85·0	75·6	70·4	25·8	66	...	4·7	...	5·5	0	0	28	2	3	17	3	0	1	1	1	2
	1730	,,	995·1	979·1	...	94·8	77·1	66·7	23·8	49	...	3·7	...	3·7	0	0	26	0	3	6	4	0	0	7	6	4
Bahraich ...	0830	407	1000·0	986·3	+0·1	86·9	77·3	72 3	27·8	65	− 2	4·6	+1·7	4·1	0	0	29	2	2	13	11	0	0	0	1	1
	1730	,,	996·6	982·8	...	96·4	78·8	68·0	25·8	49	...	3·2	...	3·3	0	0	25	1	2	6	6	0	1	4	5	5

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi *...	0830	823	1000·0	972·5	+0 4	90·7	73·5	62·1	20·5	46	− 4	3·2	−0·5	4·9	0	0	22	1	0	2	0	0	1	18	0	4
**	1730	..	998·9	968·3	...	97·4	73·7	55·4	17·6	36	...	4·4	...	3·9	0	0	20	2	1	0	0	0	2	11	4	7
Agra ...	0830	553	998·8	980·2	−0·2	87·1	75·0	67·6	24·2	58	+13	4·2	+1·6	0·3	0	0	5	0	0	1	0	0	0	3	1	25
	1730	..	995·0	977·5	...	97·4	78·5	66·7	24·9	46	...	5·7	...	1·2	0	0	14	3	3	1	0	0	0	4	3	16
Mainpuri ...	0830	516	999·1	981·8	+0·3	88·4	75·7	68·1	24·6	57	+ 4	6·9	+3·9	2·4	0	0	27	0	3	5	4	2	2	8	3	3
	1730	..	994·9	978·2	...	96·6	77·4	66·0	23·4	47	...	6·3	...	2·5	0	0	27	1	3	5	4	0	2	8	4	3
Aligarh ...	0530	615	994·5	977·1	...	82·8	73·8	68·0	24·9	66	...	3·7	...	3·1	0	3	10	2	3	2	1	0	0	2	3	17
	0830	..	999·6	978·6	...	88·2	76·4	70·0	25·6	59	+ 3	3·8	+1·5	2·9	0	1	13	0	2	5	0	0	0	5	2	16
	1130	..	993·8	978·4	...	95·5	78·5	69·3	26·0	49	...	2·7	...	10·2	0	8	21	1	8	5	0	0	2	4	9	1
	1730	..	995·1	974·9	...	97·7	78·6	68·6	24·8	47	...	4·1	...	5·4	0	2	24	0	5	9	0	0	0	4	8	4
	2330	..	997·8	979·4	...	86·9	75·6	69·1	25·9	60	...	3·1	...	3·5	0	3	10	0	3	4	2	1	0	1	2	17
Bareilly ...	0830	568	999·3	980·0	−0·3	86·6	75·3	68·9	24·8	61	− 3	4·9	+1·6	4·9	0	0	28	3	1	10	10	0	0	3	1	2
	1730	..	994·9	976·3	...	95·9	76·9	65·3	22·9	47	...	3·9	...	3·7	0	0	28	0	0	15	1	0	0	11	1	2
Bareilly (P.B.O.) ...	0530	565	997·9	978·6	...	82·2	75·3	72·3	26·7	74	...	4·8	...	5·5	0	1	23	1	6	10	2	1	0	1	3	6
	1130	..	999·0	980·2	...	92·5	76·9	69·4	24·5	56	...	4·3	...	7·4	0	2	27	1	2	9	6	0	0	0	11	1
	2330	..	997·5	978·5	...	87·1	78·1	74·0	28·7	69	...	2·8	...	5·2	0	0	25	1	7	13	1	0	0	1	2	5
Meerut ...	0830	728	998·9	974·4	−0·5	85·5	74·9	68·1	27·1	59	+ 3	3·2	+0·1	3·5	0	1	27	0	3	13	2	0	0	8	2	2
Roorkee ...	0830	899	991·1	969·0	−0·3	84·6	73·5	67·7	23·2	60	+ 3	3·8	+0·9	1·4	0	0	20	0	1	0	16	0	0	0	3	10
	1730	..	995·0	965·4	...	95·3	76 5	66·0	22·4	47	...	3·2	...	1·9	0	0	28	0	2	0	12	0	0	0	14	2
Dehra-Dun ...	0530	2,239	890·4	924·8	...	75·5	68·7	64·6	21·2	71	...	3·5	...	1·5	0	0	15	6	5	1	0	1	0	2*	0	15
	0830	..	891·9	925·9	−0·1	81·6	71·6	66·4	22·3	62	+ 2	3·1	−0·3	1·4	0	0	17	2	2	0	3	4	5	1	0	13
	1130	..	892·5	926·2	...	87·2	72·4	64·2	18·5	52	...	3·7	...	2·5	0	0	29	0	1	0	9	5	10	2	2	1
	1730	..	889·5	922·9	...	89·1	73·2	64·2	21·2	45	...	3·4	...	2·8	0	0	30	2	3	0	1	9	8	6	1	0
	2330	..	890·6	924·7	...	79·2	70·8	65·8	22·1	67	...	2·6	...	2·0	0	0	20	5	8	0	1	1	3	0	2	10
Punjab (1)																										
New-Delhi ...	0530	710	997·2	973·3	...	84·0	73·3	66·9	23·1	61	...	3·2	...	9·3	0	8	21	1	3	7	4	3	5	4	2	1
	0830	..	998·7	975·0	−0·3	89·1	75·5	68·2	24·0	54	+ 1	2·5	−0·3	10·7	0	11	17	1	2	6	6	1	3	6	3	2
	1130	..	998·3	974·9	...	96·1	77·4	67·5	23·6	43	...	2·2	...	13·7	0	17	11	3	0	9	4	0	1	4	7	2
	1730	..	994·6	971·3	...	97·7	76·6	64·5	21·7	39	...	3·1	...	13·7	0	16	13	4	1	10	5	0	1	2	6	1
	2330	..	997·3	973·5	...	86·9	74·3	67·0	23·5	56	...	2·6	...	8·4	0	6	20	1	4	6	7	1	3	2	2	4
Hissar ...	0830	725	998·9	974·6	−0·6	87·6	75·5	69·1	24·7	57	+ 9	1·0	−0·5	5·1	0	1	28	1	3	4	3	3	8	5	2	1
	1730	..	994·5	971·0	...	101·7	77·1	63·0	21·1	33	...	0·9	...	6·7	0	0	29	4	3	2	5	3	3	4	5	1
Karnal ...	0830	8.8	998·8	971·4	...	84·9	74·8	67·9	25·1	57	...	2·8	...	3·5	0	0	21	0	2	10	7	0	0	0	2	9
	1730	..	991·7	967·9	...	97·3	75·2	62·0	20·0	37	...	2·1	...	4·4	0	0	27	2	3	4	5	0	1	7	5	3
Ambala ...	0330	892	998·2	968·3	−0·6	86·6	73·3	66·0	22·0	55	+ 8	2·0	−0·2	2·7	0	0	19	0	0	5	10	1	0	2	1	11
	1730	..	993·9	964·9	...	99·0	76·5	62·8	20·9	35	...	3·2	...	2·3	0	0	18	0	1	4	4	0	2	4	3	12
Ambala (P.B.O.) ...	0530	906	997·4	966·9	...	82·2	72·4	67·8	22·6	63	...	2·6	...	6·1	0	2	24	4	1	12	3	0	1	2	3	4
	1130	..	998·5	968·5	...	92·3	76·1	69·6	22·1	49	...	2·8	...	9·1	0	7	22	2	0	12	4	2	0	3	6	1
	2330	..	997·1	966·5	...	87·3	74·3	68·2	22·8	56	...	2·6	...	6·8	0	5	20	5	0	12	5	0	0	3	3	5
Patiala ...	0830	822	998·3	970·4	...	86·5	73·5	66·6	22·3	55	...	2·2	...	4·2	0	0	26	0	0	2	14	0	0	2	8	4
	1730	..	994·0	967·2	...	98·0	75·4	61·8	19·9	36	...	2·1	...	5·7	0	1	26	5	0	1	8	1	0	5	7	3
Ludhiana ...	0830	810	998·8	971·4	0	87·4	74·5	67·3	22·8	55	+ 6	2·1	+0·3	1·6	0	0	12	0	0	6	4	1	1	0	0	18
	1730	..	994·2	967·8	...	101·0	76·5	61·6	20·0	31	...	3·3	...	1·3	0	0	11	0	1	2	2	0	0	3	3	19
Ferozepur ...	0830	657	998·0	976·0	...	87·5	75·2	69·2	24·4	58	...	1·4	...	2·8	0	0	25	3	2	0	5	8	3	2	2	5
	1730	..	993·6	972·4	...	101·5	79·7	66·0	24·6	36	...	0·5	...	3·5	0	0	25	5	1	2	4	5	2	2	4	5
Amritsar ...	0530	769	997·2	971·1	...	78·4	70·8	66·3	22·4	68	...	1·7	...	6·1	0	5	21	1	9	9	5	0	0	1	1	4
	0830	..	998·3	972·5	...	88·2	73·7	65·3	21·8	50	...	1·6	...	10·7	0	8	22	1	3	6	9	5	3	1	2	0
	1130	..	997·8	972·5	...	95·8	75·6	63·7	21·1	39	...	1·1	...	12·2	0	13	17	0	2	5	11	1	4	3	4	0
	1730	..	994·1	969·1	...	101·1	75·1	59·0	18·3	31	...	1·1	...	11·0	0	8	22	2	2	4	5	0	1	10	6	0
Pathankot ...	0830	1128	998·1	960·4	...	88·9	73·5	64·7	21·2	49	...	3·0	...	1·9	0	0	22	0	2	10	4	3	0	0	3	8
	1730	..	994·9	958·3	...	98·0	75·5	63·0	19·9	35	...	3·5	...	4·3	0	1	26	0	6	0	0	4	3	9	5	3
Jammu and Kashmir																										
Srinagar ...	0830	5,205	793·2	836·4	−0·1	68·2	61·4	57·5	15·9	69	...	2·0	−0·2	2·5	0	0	17	2	1	0	8	3	0	2	1	13
	1130	..	795·3	836·1	...	76·2	63·7	56·9	15·6	53	...	2·5	...	2·8	0	0	20	0	1	1	2	5	1	7	3	10
	1730	..	793·2	833·5	...	80·5	64·9	56·3	15·5	46	...	3·0	...	2·7	0	0	17	1	2	0	7	2	1	2	2	13
Gulmarg ...	0830	8709	708·8	739·7	+2·2	60·8	54·1	48·9	12·2	66	−2	2·8	+0·1	4·3	0	0	30	3	14	4	4	1	2	1	1	0
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ‡ ...	0530	11,529	708·4	664·2	...	44·0	35·4	25·9	4·4	44	...	1·5	...	2·0	0	0	15	0	14	1	0	0	0	0	0	14
	0830	..	707·8	666·3	+0·5	55·8	42·1	23·8	4·9	32	−10	2·2	−0·9	1·3	0	0	10	0	0	0	1	2	6	1	0	20
	1730	..	704·1	663·5	...	65·9	45·7	22·0	4·2	21	...	3·3	...	6·2	0	0	30	10	3	0	0	2	6	5	4	0
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	88·7	71·4	64·6	18·5	42	− 2	2·1	+0·1	7·0	0	3	27	4	21	0	0	0	0	1	4	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	997·5	977·8	...	92·2	74·9	65·1	21·6	45	− 1	0·6	−0·1	5·9	0	2	22	0	1	3	3	2	10	5	0	6
	1730	..	993·2	974·4	...	105·1	76·3	58·9	17·9	25	...	0·5	...	3·1	0	0	26	1	3	3	2	0	9	5	3	4
Bikaner ...	0830	734	998·4	973·9	−0·2	89·9	75·7	68·5	24·0	50	− 1	0·6	−0·7	5·1	0	3	27	0	1	0	1	0	20	0	8	0
	1730	..	993·6	969·9	...	105·2	79·3	66·0	22·0	30	...	0·8	...	6·3	0	1	28	0	1	0	1	0	13	0	14	1

‡ Observations for 29 days. (R) Register not received. * Observations for 26 days. ** Observations for 27 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—JUNE 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	997·4	972·8	...	87·5	78·5	74·3	29·2	67	...	1·6	...	7·2	0	3	24	0	0	1	0	10	10	6	0	3
	1130	,,	998·2	974·1	...	98·9	82·9	76·1	31·2	51	...	2·4	...	8·4	0	5	24	0	0	1	0	5	16	5	2	1
	2330	,,	996·7	972·4	...	94·8	83·1	74·4	33·5	55	...	1·6	...	6·6	0	0	30	0	0	3	0	1	10	13	3	0
Jaisalmer ...	0830	793	998·7	972·0	...	86·8	78·7	75·1	29·2	68	...	0·8	...	18·9	1	6	23	0	0	0	0	0	29	1	0	0
	1730	,,	994·0	968·4	...	104·2	82·7	70·6	28·3	41	...	0·9	...	15·3	0	18	12	0	0	0	0	1	0	28	0	1
Jodhpur ...	0530	736	998·7	974 1	...	85·5	75·4	69·8	25·5	62	...	1·7	...	9·0	0	7	20	0	0	0	0	0	21	5	1	3
	0830	,,	1000·4	975·8	+1·6	87·6	77·1	71·8	27·0	61	+ 1	2·8	0	9·9	0	5	25	0	0	1	0	0	16	12	1	0
	1130	,,	999·9	975·5	...	95·1	78·3	70·0	25·3	46	...	2·6	...	11·6	0	10	20	0	0	0	0	0	15	12	3	0
	1730	,,	995·6	971·6	...	101·2	78·3	66·1	22·6	35	...	2·5	...	10·7	0	6	24	0	0	2	0	1	0	12	12	3
	2330	,,	998·2	973·8	...	93·0	76·1	66·6	23·0	45	...	1·2	...	8·3	0	6	24	0	0	1	0	1	18	9	1	0
Phalodi ...	0830	767	999·0	973·3	...	87·9	75·8	68·7	25·2	57	...	1·1	...	18·5	0	21	9	0	0	0	0	0	22	3	0	0
	1730	,,	993·6	969·9	...	104·2	77·3	61·6	19·4	28	...	1·4	...	15·3	0	20	10	1	0	0	0	2	4	18	4	1
Barmer ...	0530	638	998·4	976·9	...	84·5	76·4	72·3	27·4	68	...	2·2	...	9·5	0	6	24	0	0	1	0	0	18	4	1	0
	0830	,,	1000·2	978·7	+0·1	86·5	77·5	73·3	28·1	65	− 5	3·1	+0·1	7·8	0	3	23	0	0	0	0	0	5	15	5	1
	1130	,,	1000·2	979·1	...	95·7	79·4	72·5	26·8	47	...	2·5	...	5·1	0	1	27	0	0	0	0	1	5	17	5	0
	1730	,,	995·4	974·7	...	103·7	79·8	68·0	23·4	33	...	2·1	...	5·5	0	1	27	0	0	0	0	2	9	13	4	0
	2330	,,	998·4	977·1	...	92·2	77·9	71·0	29·2	52	...	1·3	...	5·2	0	1	27	0	0	0	0	0	6	14	8	0
Rajasthan, East																										
Sikar ...	0830	1419	999·3	953·3	...	87·6	76·5	71·3	26·2	56	...	2·3	...	3·5	0	0	28	1	0	4	2	3	8	8	2	2
	1730	,,	994·4	948·9	...	99·7	76·3	66·5	20·5	40	...	3 8	...	2·5	0	0	28	0	3	0	1	1	11	9	3	2
Jaipur ...	0830	1431	999·6	952·4	−0·2	88·3	74·8	67·1	23·3	53	+ 4	3·3	+1·1	7·8	0	6	22	0	2	0	1	2	4	12	7	2
	1130	,,	998·6	953·1	...	96·1	76·5	65·3	22·3	41	...	3·0	...	7·9	0	1	28	3	0	0	0	2	7	10	7	1
	1730	,,	994·5	948·4	...	99·0	74·8	59·5	18·4	33	...	3·6	...	8·4	...	3	25	4	0	1	1	1	6	12	3	2
aipur (Sanganer J Aerodrome) ...	0530	1282	998·0	955·2	...	83·5	71·3	63·0	20·8	55	...	3·5	...	9·4	0	8	18	1	2	3	0	2	0	12	6	4
	0830	,,	999·2	956·7	...	88·3	73·6	64·5	21·6	50	...	3·8	...	11·3	...	12	16	0	1	2	2	0	1	14	8	2
	1130	,,	998·5	956·6	...	95·2	74·7	62·1	20·1	39	...	3·9	...	12·9	0	14	15	0	1	0	2	0	3	14	9	1
	1730	,,	994·2	952·8	...	99·3	74·3	57·4	18·3	33	...	3·8	...	13·3	0	13	17	3	2	0	1	3	2	14	7	0
	2330	,,	997·7	955·3	...	88·2	72·6	62·2	20·3	48	...	2·9	...	8·0	0	5	19	2	2	3	1	2	3	8	3	6
Ajmer ...	0830	1593	1000·0	947·3	−0·4	85·7	73·2	66·5	22·2	56	0	3·4	+1 2	10·9	0	12	17	0	2	0	0	2	15	11	1	1
	1730	,,	995·2	913·8	...	96·7	72·9	58·1	17·2	31	...	3·0	...	4·9	0	1	27	2	0	0	0	0	7	14	3	2
Kotah ...	0530	843	998·2	969·9	...	85·1	74·3	66·9	24·0	59	...	4·0	...	5·2	0	2	24	0	1	0	1	0	9	10	5	4
	0830	,,	999·9	971·7	−0·2	87·6	75·1	68·5	24·1	57	+10	5·2	+2·6	4·9	0	0	25	0	0	2	0	0	5	12	11	2
	1130	,,	999·7	971·9	...	94·0	76·2	65·8	22·7	48	...	5·5	...	4·1	0	0	28	0	0	0	0	0	5	13	8	1
	1730	,,	995·4	967·8	...	98·8	75·4	59·8	19·3	36	...	5·1	...	4·1	0	0	29	1	0	0	0	1	5	13	8	1
	2330	,,	998·5	970·4	...	87·3	74·4	64·8	22·8	50	...	4·5	...	4·7	0	0	22	1	1	0	0	0	8	9	4	8
Jhalawar ...	0830	1053	1000·6	965·4	+0·1	85·0	74·8	69·2	25·3	63	0	3·2	+0·1	6·9	0	0	29	1	0	1	0	0	7	17	4	1
	1730	,,	995·9	961·6	...	96·7	74·7	60·1	19·4	39	...	3·2	...	4·4	0	0	30	0	0	0	0	0	7	13	3	0
Udaipur ...	0530	1910	891·0	936·5	...	79·0	71·8	67·2	23·1	69	...	2·9	...	6·4	0	3	21	5	1	0	0	0	13	3	2	6
	0830	,,	892·6	938·1	−0·4	83·0	73·2	68·9	23·6	63	0	3·6	+1·2	6·1	0	1	26	1	0	0	0	2	7	6	7	4	3
	1130	,,	893·2	938·2	...	89·7	74·7	66·7	22·6	50	...	3·7	...	6·4	0	2	27	0	1	0	0	1	6	12	6	3	1
	1730	,,	890·4	935·2	...	89·7	74·0	66·1	21·5	50	...	5·3	...	7·8	0	2	27	2	0	0	0	2	2	14	8	1	1
	2330	,,	891·9	937·2	...	84·7	73·8	68·4	23·3	60	...	3·0	...	4·9	0	0	23	0	0	0	1	6	8	8	0	7
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	997·3	974·2	...	85·8	72·2	62·6	20·8	54	...	3·8	...	5·2	0	1	24	4	2	0	0	1	10	5	3	5
	0830	,,	998·7	975·7	−0·3	88·9	73·9	64·4	21·8	53	+10	3·7	+1·2	8·1	0	5	22	3	2	0	1	2	3	6	10	3
	1130	,,	998·4	975·7	...	95·0	72·0	62·7	16·4	45	...	3·9	...	8·2	0	2	26	2	1	1	2	1	3	5	13	2
	1730	,,	994·8	972·3	...	96·5	74·6	58·4	19·4	41	...	5·0	...	7·4	0	1	28	3	2	0	3	1	3	7	10	1
	2330	,,	997·0	974·1	...	89·5	74·0	63·7	21·7	51	...	3·7	...	6·1	0	3	24	4	0	1	0	2	1	11	4	4
Sheopur Kalan ...	0830	771	998·8	972·9	...	87·6	75·4	68·2	24·5	59	...	4·0	...	5·0	0	1	20	2	1	0	0	2	2	5	6	3
	1730	,,	994·8	969·4	...	98·4	76·6	61·9	21·2	41	...	4·9	...	5·7	0	0	25	9	0	0	0	0	5	1	8	2
Guna ...	0530	1571	999·4	947·0	...	80·7	71·6	66·4	22·7	67	...	5·4	...	7·1	0	2	26	0	0	1	1	2	11	12	1	2
	0830	,,	1000·0	948·0	−0·4	84·5	73·7	68·3	24·0	64	+ 8	5·1	+1·9	8·0	0	2	28	0	0	0	0	1	5	13	8	1
	1130	,,	999·6	948·2	...	92·0	74·7	65·1	22·8	50	...	4·9	...	8·5	0	4	26	2	1	0	0	2	1	10	13	3
	1730	,,	995·4	944·5	...	94·5	74·5	62·5	20·1	45	...	5·5	...	5·8	0	0	29	1	0	1	0	1	5	20	3	0
	2330	,,	999·2	947·2	...	84·8	72·5	65·3	22·3	59	...	4·8	...	7·0	0	3	24	4	2	1	1	1	8	7	5	1
Neemuch ...	0830	1626	1001·5	947·4	0	82·3	73·6	69·0	24·8	67	0	4·5	+1·2	11·1	0	7	23	0	1	0	1	1	13	14	0	0
	1730	,,	997·2	944·3	...	92·3	73·4	62·6	20·4	44	...	5·4	...	10·5	0	10	20	0	3	0	0	0	14	10	1	0
	0830	1596	1002·2	948·8	...	80·1	76·1	74·1	29·1	83	...	6·8	...	9·0	0	2	27	0	0	0	0	0	12	17	0	1
Ratlam ...	1730	,,	997·5	945·4	...	92·1	77·9	73·2	26·8	55	...	5·7	...	9·6	0	7	23	0	0	0	0	3	10	15	1	0
	0830	1861	981·0	938·8	...	77·2	72·3	70·0	25·1	79	...	5·0	...	10·3	0	8	22	1	1	0	0	0	5	20	4	0
Indore ...	0530	,,	892·7	940·2	−0·9	81·0	73·9	71·1	25·7	72	− 3	4·7	+0·1	13·9	0	18	12	1	0	0	0	0	5	20	4	0
	0830	,,	893·2	940·1	...	88·1	75·0	69·3	24·3	55	...	4·7	...	10·8	0	8	22	5	0	0	0	0	2	13	10	0
	1130	,,	890·3	936·8	...	90·2	74·1	65·7	22·2	50	...	5·4	...	10·7	0	7	23	1	0	0	1	0	2	9	11	6
	1730	,,	891·8	939·3	...	80·6	72·0	67·5	23·3	68	...	4·0	...	6·9	0	3	25	1	0	0	0	0	6	12	7	2
	2330	,,	890·0	942·9	...	78·7	70·9	66·3	22·6	70	...	5·1	...	11·1	0	13	14	1	0	0	0	0	1	8	13	4
Bhopal (Bairagarh) ...	0530	1714	891·8	944·5	+0·1	82·5	73·3	68·2	24·3	67	+ 4	5·1	+1·0	13·5	0	13	17	2	0	0	0	0	1	1	3	2
	0830	,,	892·3	944·2	...	89·3	74·8	66·8	23·5	54	...	5·1	...	14·1	0	14	16	0	1	0	0	0	1	4	15	9
	1130	,,	889·4	940·9	...	91·3	73·3	62·5	20·7	47	...	5·8	...	12·3	0	13	17	1	2	1	1	1	6	9	9	0
	1730	,,	890·6	943·2	...	82·1	71·6	65·5	22·2	61	...	5·7	..	12·3	0	11	19	2	0	1	0	1	11	11	4	0
	2330	,,																								
Vindhya Pradesh																										
Nowgong ...	0830	750	991·1	974·1	−0·4	89·6	74·7	65·6	22·4	52	− 2	1·9	+0·9	5·9	0	0	30	0	3	2	1	0	19	3	2	0
	1730	...	994·8	970·3	...	97·2	75·5	60·9	20·2	43	...	5·3	...	2·8	0	0	29	4	3	0	0	0	9	3	7	1
Sutna ...	0830	1041	998·7	964·3	−0·3	89·1	...	...	...	...	...	4·4	+0·4	6·3	0	0	27	2	0	1	0	0	13	9	3	1
	1730	..	995·0	960·9	...	94·3	...	...	...	...	...	4·5	...	7·6	0	1	28	2	1	1	2	7	6	0	10	1

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	999·6	950·0	...	87·2	...	...	...	...	...	5·0	−0·1	3·5	0	0	25	0	2	1	0	0	8	4	10	5
	1730	,,	995·5	946·6	...	93·5	...	...	...	...	...	4·9	...	4·1	0	0	29	1	7	0	0	0	6	2	13	1
Madhya Pradesh, East																										
Gondia ...	0830	1026	1001·2	967·0	...	87·5	75·9	70·3	24·3	59	...	3·9	...	3·8	0	0	28	1	0	1	3	1	14	0	8	3
	1730	,,	996·7	963·1	...	96·0	76·7	65·9	22·6	42	...	3·9	...	3·9	0	1	29	7	0	1	0	3	6	10	3	0
Pendra ...	0530	2048	890·7	931·4	...	80·1	69·0	61·5	19·7	60	...	4·8	...	3·3	0	1	20	3	0	2	2	7	2	1	4	9
	0830	,,	892·4	932·7	0	85·7	71·3	62·3	20·3	53	−9	4·5	+0·2	6·0	0	1	26	3	1	0	0	6	6	3	8	3
	1130	,,	892·6	932·5	...	91·6	72·6	61·5	19·6	45	...	5·2	...	7·4	0	1	28	8	0	2	0	6	5	2	6	1
	1730	,,	889·7	929·5	...	90·3	71·7	59·7	18·9	47	...	5·8	...	6·3	0	0	28	7	1	0	0	4	9	3	4	2
	2330	,,	891·2	931·7	...	83·9	70·9	63·3	23·9	60	...	5·9	...	5·9	0	2	23	2	1	0	0	8	6	5	3	5
Raigarh ...	0830	723	999·9	975·9	...	89·2	76·3	67·9	25·1	56	...	5·5	...	2·9	0	0	27	2	0	3	2	5	9	4	2	3
	1730	,,	995·3	971·7	...	97·9	76·4	63·5	21·3	41	...	4·9	...	2·1	0	0	21	5	0	1	1	0	10	2	2	9
Ambikapur ...	0830	1989	892·0	934·6	...	84·0	72·0	65·3	21·9	59	...	3·6	...	4·7	0	1	24	2	0	1	0	3	11	6	2	5
	1730	,,	889·5	931·4	...	90·8	72·5	61·0	19·8	48	...	3·7	...	6·1	0	1	29	10	3	1	0	1	3	9	3	0
Champa ...	0830	805	1000·3	973·4	...	88·8	74·6	65·6	22·8	53	...	4·7	...	4·7	0	1	29	5	0	1	1	5	5	10	3	0
	1730	,,	995·6	969·4	...	98·2	76·3	63·3	21·0	41	...	5·6	...	5·6	0	1	29	6	0	0	0	1	5	10	8	0
Raipur ...	0530	979	999·2	966·5	...	84·2	73·1	66·3	22·8	61	...	5·7	...	3·7	0	0	24	0	2	0	0	1	13	7	1	6
	0830	,,	1000·5	967·9	−0·1	88·3	74·3	65·9	22·6	54	−7	5·1	+0·1	6·7	0	1	28	0	1	0	0	2	10	11	5	1
	1130	,,	999·7	967·5	...	95·6	75·7	63·7	21·1	41	...	4·6	...	6·7	0	0	29	0	1	0	0	2	5	12	9	1
	1730	,,	995·7	963·8	...	97·2	75·1	59·6	19·2	38	...	5·6	...	7·1 (b)	0	3	27	6	0	1	0	1	13	6	4	0
	2330	,,	999·6	967·0	...	83·7	72·0	66·1	21·5	27	...	5·3	...	5·7	0	1	27	4	0	0	2	4	12	4	2	1
Kanker ...	0830	1318	1001·4	957·7	+0·2	87·1	76·5	70·7	26·4	62	−1	4·7	−0·3	4·1	0	0	25	0	0	0	0	0	9	15	1	5
	1730	,,	996·7	953·9	...	95·4	80·1	72·4	28·1	52	...	6·3	...	2·9	0	0	23	0	0	0	1	3	8	7	4	7
Chanda ...	0830	634	1002·3	981·1	+0·1	88·6	..	...	...	...	...	5·2	+0·5	6·6	0	3	25	0	0	0	0	0	8	17	3	3
	1730	,,	997·1	976·3	...	98·4	...	...	...	...	...	6·0	...	7·1	0	2	27	1	0	2	0	2	7	12	5	1
Sironcha ...	0830	405	1003·1	989·4	...	87·7	77·5	72 4	27·6	63	...	4·9	...	4·8	0	0	29	2	1	1	4	3	6	7	5	1
	1730	,,	997·9	984·6	...	99·1	78·0	70·0	23·1	38	...	5·4	...	5·3	0	0	30	3	1	0	1	2	6	9	8	0
Jagdalpur(P.B.O.)...	0530	1813	891·5	940·5	...	78·1	71·5	68·1	23·7	73	...	6·5	...	3·5	0	0	27	0	0	1	2	10	10	4	0	3
	0830	,,	893·2	942·3	+0·3	82·3	73·1	68·5	24·0	65	−6	5·5	+0·5	4·1	0	0	29	0	1	0	1	3	17	6	1	1
	1130	,,	893·4	941·8	...	89·1	73·8	65·9	22·2	51	...	5·8	...	6·2	0	0	29	1	0	0	0	1	6	13	8	1
	1730	,,	890·6	938·7	...	90·6	73·6	65·5	21·3	49	...	6·6	...	5·2	0	0	29	0	2	1	2	1	8	10	5	1
	2330	,,	892·2	941·3	...	81·5	72·7	68·1	23·9	66	...	5·4	...	2·6	0	0	22	1	0	1	2	5	11	2	0	8
Madhya Pradesh, West																										
Buldhana ...	0830	2133	894·1	932·2	...	77·5	72·5	70 3	25·3	79	...	5·2	...	6·7	0	0	30	0	0	0	0	0	2	16	12	0
	1730	,,	891·6	928·8	...	89·1	74·2	66·8	22·7	53	...	6·2	...	5·9	0	0	30	1	2	0	0	2	5	4	16	0
Akola ...	0830	925	1002·5	971·3	−0·4	84·6	74·2	69·0	24·1	61	−3	6·4	+1·7	9·4	0	5	23	0	1	0	0	0	3	16	8	2
	1130	,,	1001·6	970·9	...	91·9	75·9	68·0	23·3	45	...	5·6	...	8·4	0	4	26	4	0	0	1	0	5	15	5	0
	1730	,,	997·6	967·2	...	94·5	74·9	63·4	20·7	41	...	6·2	...	8·8	0	7	20	1	1	1	1	0	1	17	5	3
Akola (Aerodrome) ...	0530	1015	1001·2	966·9	...	79·7	74·0	70·8	26·1	76	...	6·3	...	7·2	0	6	21	1	0	0	0	0	7	14	5	3
	2330	,,	1001·2	967·1	...	83·4	74·4	69·5	25·0	66	...	6·0	...	7·7	0	5	24	2	0	1	1	0	10	11	4	1
Amravati ...	0830	1213	1002·0	961·5	−0·2	84·1	74·1	68·9	24·2	62	−3	4·7	+0·1	6·3	0	0	29	0	0	0	0	0	2	26	1	1
	1730	,,	996·6	957·5	...	95·6	74·5	61·3	19·6	36	...	5·8	...	6·1	0	0	30	0	2	1	0	0	12	3	12	0
Yeotmal ...	0830	1481	1002·2	952·9	...	83·9	74·7	70·9	25·2	65	...	6·2	...	15·3	0	21	9	0	0	0	1	0	18	0	11	0
	1730	,,	997·3	948·9	...	92·1	75·4	67·2	22·5	50	...	6·2	...	12·2	0	14	16	0	2	0	2	0	17	0	9	0
Khandwa ...	0830	1044	1002·2	967·2	−0·1	84·5	76·0	71·8	26·8	67	+2	5·6	+1·4	12·3	0	12	18	0	0	0	0	0	9	17	4	0
	1730	,,	997·0	962·9	...	95·4	77·4	67·8	23·9	45	...	6·2	...	9·7	0	8	22	1	0	0	0	2	10	8	9	0
Hoshangabad ...	0830	992	1001·1	967·9	−0·6	84·8	73·7	67·2	23·4	61	−2	6·2	+1·8	2·8	0	0	30	0	3	0	1	1	15	9	1	0
	1730	,,	996·5	963·9	...	94·7	75·1	62·6	20·9	42	...	6·6	...	3·9	0	0	30	0	0	2	2	4	12	5	5	0
Sagar ...	0830	1808	891·0	940·2	−0·1	83·1	72·1	66·1	22·4	62	+5	4·8	+1·0	16·0	0	23	6	0	1	1	0	1	12	13	1	1
	1730	,,	888·7	937·0	...	90·9	72·2	60·8	23·4	47	...	5·4	...	11·9	0	15	15	1	3	1	1	0	12	9	3	0
Jabalpur ...	0530	1289	999·0	955·9	...	81·8	71·8	65·6	22·1	62	...	5·4	...	2·7	0	0	30	0	3	0	2	0	10	4	1	10
	0830	,,	1000·2	957·4	0	86·9	73·9	66·1	22·7	56	+1	5 5	+1·6	4·9	0	0	28	0	2	1	1	0	16	5	3	3
	1130	,,	999·3	957·1	...	93·9	75 5	64·2	21·8	47	...	5·2	...	5·4	0	0	30	0	3	0	0	1	16	3	7	0
	1730	,,	995·5	953·6	...	95·4	75·0	62·2	20·4	41	...	5·6	...	6·4	0	3	27	2	2	0	0	0	13	6	7	0
	2330	,,	999·1	956·0	...	85·5	73·3	65·8	22·5	58	...	4·4	...	3·7	0	0	24	0	3	0	1	1	17	1	1	6
Mandla ...	0830	1452	1000·5	952·4	...	85·5	76·1	72·0	26·1	67	...	4·8	...	3·6	0	0	28	7	2	0	3	2	3	2	9	3
	1730	,,	996·0	948·8	...	93·0	79·7	72·4	28·6	56	...	5·1	...	5·3	0	1	28	6	3	0	1	1	3	8	7	1
Seoni ...	0830	2027	890·3	931·4	−2·5	85·1	73·1	67·3	22·9	57	−3	5·1	+0·8	3·7	0	0	26	0	2	0	0	1	9	3	11	4
	1730	,,	888·0	928·4	...	91·6	74·0	65·6	21·5	46	...	6·0	...	4·1	0	0	29	4	2	0	0	1	12	6	4	1
Chhindwara ...	0830	2248	893·7	927·4	...	82·6	71·2	64·6	21·5	60	...	3·5	...	5·9	0	0	29	2	3	0	0	1	0	16	7	1
	1730	,,	891·0	924·2	...	89·2	71·9	60·9	19·7	47	...	5·3	...	5·3	0	0	30	5	2	0	1	1	4	10	7	0
Betul ...	0830	2144	893·6	931·1	...	81·2	72·2	67·4	23·2	66	...	5·5	...	7·7	0	2	28	1	0	0	0	1	6	14	8	0
	1730	,,	891·1	927·8	...	89·9	71·9	61·1	19·4	46	...	5·4	...	6·1	0	0	30	4	2	0	0	1	3	14	6	0
Nagpur ...	0530	1010	1000·1	966·1	...	83·6	72·3	64·8	22·4	60	...	6·6	...	8·1	0	2	27	0	1	0	0	1	5	16	6	1
	0830	,,	1001·1	967·6	−0·2	88·1	74·3	66·6	22·7	52	−4	5·1	+0·3	10·7	0	12	18	1	1	0	0	1	10	10	7	0
	1130	,,	1000·0	967·0	...	95·9	75·4	63·2	20·4	39	...	6·2	...	8·5	0	3	26	0	3	0	0	0	6	13	7	1
	1730	,,	996·6	963·6	...	92·2	74·8	62·8	21·5	40	...	5·0	...	12·2	0	8	18	1	1	0	1	2	5	9	7	4
	2330	,,	1000·2	966·4	...	86·8	73·3	64·2	21·5	55	...	5·0	...	2·9	0	5	23	1	2	1	0	0	11	8	5	2

(b) Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour-pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1001·6	986·5	−0·5	84·8	77·7	74·7	29·2	71	...	3·8	...	...	0	2	28	0	0	1	4	12	12	1	0	0
	1730	,,	996·9	982·3	...	99·1	77·5	65·3	22·4	36	...	2·6	...	...	0	1	29	0	0	0	4	10	16	0	0	0
Surat ...	0530	39	1002·1	1000·8	...	81·6	78·9	78·0	32·6	88	...	5·2	...	5·1	0	0	30	0	0	0	4	6	18	1	1	0
	0830	,,	1003·1	1001·8	−0·5	85·1	80·1	78·1	32·8	81	+ 7	6·0	+0·3	5·6	0	0	30	0	0	0	1	12	14	3	0	0
												(b)		(b)												
	1130	,,	1003·5	1002·2	...	89·3	81·3	78·3	32·9	71	...	6·1	...	7·6	0	1	28	0	0	0	1	5	22	1	0	0
	1730	,,	1000·5	999·2	...	88·9	81·0	77·9	32·6	71	...	5·1	...	10·0	0	7	23	0	0	0	0	3	27	0	0	0
	2330	,,	1003·0	1001·7	...	83·6	79·7	78·4	32·9	84	...	4·0	...	7·6	0	0	30	0	0	0	0	10	20	0	0	0
Ahmedabad ...	0530	182	1001·1	994·9	...	82·4	77·4	75·1	29·8	79	...	4·2	...	6·7	0	0	28	0	0	0	0	10	12	5	1	2
	0830	,,	1002·5	996·3	−0·5	85·0	78·3	75·3	30·0	74	− 5	5·1	+0·3	9·1	0	4	26	0	0	0	1	7	11	9	2	0
	1130	,,	1002·1	996·0	...	92·5	79·2	72·8	28·0	54	...	4·7	...	9·8	0	6	23	0	0	0	0	7	12	6	4	1
	1 30	,,	998·0	992·0	...	98·3	79·4	70·0	25·7	44	...	4·0	...	12·1	0	10	19	0	0	0	0	9	11	6	3	1
	2330	,,	1001·5	995·4	...	86·7	77·9	73·4	28·7	67	...	2·3	...	11·7	0	5	24	1	0	0	0	9	10	6	3	1
Dohad ...	0830	1093	1002·6	965·8	...	81·9	75·8	72·9	27·7	75	0	5·3	−0·1	17·6	0	24	6	0	0	0	0	2	17	11	0	0
	1730	,,	998·1	962·3	...	93·6	76·2	66·8	23·9	46	...	4·1	...	16·0	0	16	14	0	0	1	0	0	15	13	1	0
Baroda ...	0530	115	1001·7	997·7	...	81·5	78·4	77·1	31·7	87	...	3·7	...	1·9	0	0	17	0	1	0	1	4	10	1	0	13
	0830	,,	1003·0	999·0	...	84·6	79·0	76·5	31·3	78	+ 2	4·4	−0·2	2·8	0	0	29	0	0	1	3	8	14	3	0	1
	1130	,,	1002·7	998·8	...	91·3	80·1	75·0	30·0	61	...	4·3	...	3·6	0	0	27	0	0	0	3	6	16	1	1	3
	1730	,,	999·0	995·2	...	94·9	80·8	74·4	29·4	56	...	3·8	...	4·0	0	0	29	0	0	0	1	9	16	2	1	1
	2330	,,	1002·2	998·3	...	84·3	79·1	76·7	31·6	79	...	2·7	...	5·1	0	0	28	0	0	0	2	9	17	0	0	2
Baroda ... (Aerodrome)	0530	124	1002·0	997·7	...	81·7	77·9	76·3	30·9	84	...	4·5	...	4·3	0	1	28	0	0	0	2	6	21	0	0	1
	0830	,,	1002·9	998·7	...	84·2	78·4	75·7	30·5	77	...	5·3	...	6·1	0	1	29	0	0	1	0	8	14	6	1	0
	1730	,,	999·0	994·8	...	94·5	78·9	71·1	26·6	51	...	4·7	...	9·0	0	6	24	1	0	0	0	2	20	6	1	0
	2330	,,	1002·3	998·1	...	84·3	78·3	75·5	30·3	76	...	3·3	...	8·9	0	4	26	0	0	0	0	6	23	1	0	0
Broach ...	0830	57	1002·9	1000·9	...	83·6	78·0	76·8	31·7	81	...	4·5	...	4·9	0	0	30	0	0	0	0	0	29	1	0	0
	1730	,,	997·5	997·5	...	91·8	82·4	78·5	33·6	67	...	4·2	...	10·0	0	4	26	0	0	0	0	1	27	2	0	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1001·2	989·6	−0·2	85·5	78·8	75·6	30·6	72	+ 2	4·0	−0·1	6·5	0	3	25	0	0	0	0	2	13	12	2	2
	1730	,,	998·6	987·2	...	94·6	78·7	71·1	26·3	49	...	3·1	...	14·9	0	19	10	0	0	0	2	5	14	8	0	1
Bhuj (P.B.O.) ...	0530	347	999·9	988·1	...	82·5	78·0	76·2	30·7	81	...	3·5	...	5·8	0	2	24	0	0	0	1	2	21	2	0	4
	0830	,,	1001·0	989·3	...	85·9	79·6	76·5	31·7	74	...	4·2	...	6·5	0	1	27	0	0	0	0	4	20	3	1	2
	1130	,,	1000·7	989·2	...	92·9	79·4	73·8	28·2	59	...	3·8	...	8·6	0	5	24	0	0	0	3	2	20	4	0	1
	1730	,,	998·3	986·8	...	94·1	79·3	73·2	27·4	51	...	3·9	...	9·7	0	8	21	0	0	0	2	6	20	1	0	1
	2330	,,	1000·4	988·8	...	84·8	78·6	75·9	30·6	76	...	2·6	...	9·3	0	7	23	0	0	0	0	5	23	2	0	0
Dwarka ...	0830	37	1002·1	1000·8	−0·3	85·3	81·2	79·5	34·5	83	+ 1	4·8	−0·5	13·7	0	13	16	0	0	0	0	2	3	10	13	1	1
	1730	,,	999·9	993·6	...	86·9	82·0	80·1	35·2	80	...	4·6	...	16·7	0	24	6	0	0	0	0	0	16	13	1	0
Jamnagar ...	0530	74	1000·1	997·5	...	81·6	77·7	75·8	30·7	84	...	2·9	...	8·9	0	7	23	0	0	0	2	6	19	2	1	0
	0830	,,	1001·2	998·7	−0·7	85·8	79·4	76·6	31·5	74	+ 7	4·5	+0·7	12·4	0	12	18	1	0	0	1	5	15	8	0	0
	1130	,,	1001·1	998·6	...	93·0	80·2	74·6	29·4	56	...	4·2	...	12·6	0	13	17	0	1	0	1	3	9	13	3	0
	1730	,,	998·6	996·1	...	91·0	80·5	75·9	30·8	63	...	4·2	...	21·3	0	25	5	0	0	0	0	1	11	14	4	0
Rajkot ...	0830	433	1002·0	987·3	−0·5	83·3	79·1	77·2	32·1	81	+ 7	5·3	+0·3	13·7	0	13	17	0	0	0	3	7	9	9	2	0
	1730	,,	998·3	984·0	...	94·8	78·7	71·1	26·2	49	...	5·2	...	19·8	0	25	5	0	0	0	2	5	11	9	3	0
Rajkot ... (Aerodrome)	0530	439	1001·0	986·1	...	79·7	77·8	77·0	31·8	91	...	3·1	...	11·9	0	14	16	0	0	0	4	7	14	5	0	0
	0830	,,	1002·5	987·6	...	83·4	79·3	77·5	32·4	83	...	4·6	...	13·2	0	10	19	0	0	0	2	8	11	7	1	1
	1130	,,	1001·9	987·1	...	91·2	79·6	74·5	29·2	59	...	4·2	...	16·7	0	19	11	1	0	0	1	7	12	8	1	0
Veraval ...	0530	26	1001·1	1000·2	...	84·0	80·0	78·8	33·6	87	...	4·7	...	15·7	3	13	10	0	0	1	1	3	10	9	2	4
	0830	,,	1002·8	1001·9	−0·7	84·5	80·7	79·3	34·1	84	+ 2	5·9	+1·2	12·3	0	12	14	0	0	0	1	4	10	10	1	4
	1130	,,	1003·1	1002·2	...	87·3	81·5	79·3	34·1	78	...	5·0	...	13·8	2	8	20	0	0	0	0	6	8	14	2	0
	1730	,,	1000·7	999·8	...	86·1	81·2	79·5	34·2	81	...	4·9	...	13·2	0	14	15	0	0	0	0	6	9	13	1	1
	2330	,,	1002·5	1001·6	...	84·2	80·9	79·6	34·5	86	...	3·4	...	16·1	0	16	12	0	0	1	0	5	10	10	2	2
Bhavnagar ...	0830	55	1003·3	1001·4	+0·1	84·3	78·9	76·5	31·3	78	+11	4·0	−1·0	5·3	0	1	27	0	1	0	3	5	10	8	1	2
	1730	,,	999·5	997·7	...	94·2	81·6	76·9	31·0	59	...	4·8	...	7·1	0	0	29	0	0	1	1	14	12	1	0	1
Bhavnagar ... (Aerodrome)	0830	35	1002·9	1001·7	...	85·6	78·5	75·2	30·1	72	...	4·6	...	13·6	1	12	17	0	0	2	1	3	13	10	2	0
	1130	,,	1002·6	1001·4	...	90·8	79·1	73·7	28·7	60	...	4·9	...	13·8	0	14	16	0	1	2	1	6	8	10	2	0
Konkan																										
Dahanu ...	0830	15	1003·8	1003·3	...	83·6	81·1	80·0	35·1	89	...	7·2	...	12·0	0	11	18	1	0	5	5	2	8	7	1	1
	1730	,,	1001·8	1001·3	...	86·1	82·9	81·7	36·9	87	...	5·8	...	16·4	0	21	9	0	0	0	0	2	12	16	0	0
Bombay (Colaba) ...	0830	35	1004·7	1003·5	−0·4	82·8	78·3	76·4	31·1	81	+ 2	6·5	+0·7	10·2	0	8	21	0	0	1	10	3	8	7	0	1
	1130	,,	1004·9	1003·7	...	86·3	80·0	77·4	32·1	75	...	6·5	...	8·2	0	2	28	0	0	0	4	9	11	6	0	0
	1730	,,	1002·7	1001·5	...	85·6	79·7	76·7	32·0	77	...	6·1	...	11·7	0	12	17	0	0	0	0	8	11	9	1	1
Bombay (Santa-cruz Aerodrome) ...	0530	27	1003·2	1002·3	...	80·8	77·1	75·3	30·1	84	...	5·6	...	8·8	0	4	26	1	0	1	5	5	10	6	2	0
	0830	,,	1004·5	1003·6	−0·6	82·8	77·9	75·6	30·5	80	+ 3	6·3	+0·5	8·9	0	4	26	1	0	1	2	10	8	7	1	0
	1130	,,	1004·8	1003·9	...	86·6	79·3	76·1	30·9	72	...	6·6	...	12·1	0	12	18	0	0	0	0	9	12	8	1	0
	1730	,,	1002·5	1001·6	...	85·9	79·0	76·0	30·7	73	...	6·3	...	12·7	0	15	15	0	1	0	0	5	13	9	2	0
	2330	,,	1004·9	1004·0	...	82·3	77·9	76·0	30·6	82	...	5·5	...	8·9	0	4	26	0	0	0	3	8	10	7	2	0
Alibag ...	0830	23	1005·1	1004·3	−0·5	81·9	79·1	77·9	32·7	88	+ 8	6·1	−0·3	10·2	0	10	15	0	0	1	8	4	8	3	1	5

(b) Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1005·5	1003·2	...	82·0	78·9	77·7	32·3	86	...	6·3	...	8·9	0	6	24	0	1	2	10	7	4	5	1	0
	1730	..	1003·8	1001·5	...	82·4	79·4	78·4	32·9	87	...	6·8	...	11·0	0	8	20	0	1	0	4	6	9	7	1	2
Ratnagiri ...	0830	116	1005·7	1001·7	-0·4	80·8	77·4	76·0	30·6	85	...	6·3	...	...	0	7	23	0	1	3	8	2	13	2	1	0
	1730	..	1004·3	1000·3	...	83·4	78·8	76·9	31·5	81	...	6·7	...	...	0	8	22	0	0	0	1	6	18	3	2	0
Devgad ...	0830	117	1006·3	1002·3	...	79·9	77·8	77·1	31·6	91	...	6·8	...	10·0	0	10	20	0	1	3	8	3	6	6	3	0
	1730	..	1004·6	1000·6	...	82·9	79·0	77·4	32·1	84	...	6·7	...	14·3	0	17	13	0	0	0	0	6	12	10	2	0
Vengurla ..	0530	29	1005·6	1004·6	...	77·9	76·2	75·3	30·1	92	...	5·7	...	...	0	0	14	1	0	3	4	2	2	2	0	16
	0830	..	1007·1	1006·1	...	79·9	77·4	76·4	31·0	89	...	6·8	...	...	0	0	14	0	2	2	4	1	1	4	0	16
	1130	..	1007·4	1006·4	...	83·0	78·9	77·1	31·9	83	...	7·1	...	...	0	0	22	0	0	0	2	7	6	7	0	8
	1730	..	1005·4	1004·4	...	81·8	78·1	76·5	31·2	85	...	7·1	...	...	0	0	17	1	0	0	1	3	6	5	1	13
	2330	..	1007·3	1006·3	...	78·7	76·9	76·2	30·8	92	...	6·2	...	...	0	1	11	0	0	1	1	1	4	5	0	18
Marmagao ...	0830	202	1007·1	1000·1	+0·3	79·6	77·1	76·0	30·7	89	+ 5	6·3	+0·1	7·1	0	0	30	1	1	2	2	8	9	6	1	0
	1730	..	1005·4	998·4	...	81·0	77·4	75·9	30·5	85	...	6·3	...	7·2	0	0	30	0	0	0	0	7	10	12	1	0
Honavar ...	0830	85	1008·1	1005·2	...	77·9	76·5	75·8	30·6	94	...	6·8	...	3·9	0	0	28	0	3	10	9	1	3	1	1	2
	1730	..	1006·2	1003·3	...	80·9	78·2	77·2	31·8	89	...	6·7	...	3·8	0	0	30	0	2	6	4	6	4	5	3	0
Deccan (Desh)																										
Jalgaon ...	0830	660	1003·3	980·9	...	83·2	76·9	74·1	28·7	75	...	4·6	...	13·1	0	13	15	0	0	0	1	0	4	14	9	2
	1730	..	998·4	976·6	...	96·3	78·3	69·8	24·9	47	...	4·7	...	13·6	0	13	17	2	2	1	0	2	4	11	8	0
Malegaon ...	0830	1432	1003·4	995·4	-0·1	83·0	74·6	69·8	25·4	64	- 4	4·3	-0·2	4·1	0	0	27	0	0	0	0	1	11	12	3	3
	1730	..	999·8	952·6	...	88·5	75·0	67·8	23·5	54	...	5·5	...	5·3	0	0	30	1	2	1	0	0	8	8	10	0
Deolali ...	0830	1875	893·8	941·2	...	77·8	73·4	72·0	26·3	81	...	6·3	...	10·4	0	9	21	1	0	0	0	0	21	7	1	0
Ahmednagar ...	0830	2154	895·3	932·7	-0·1	77·8	71·9	69·1	24·3	74	+ 3	5·9	+1·4	6·2	0	0	29	1	0	0	1	1	17	2	7	1
	1730	..	892·8	928·5	...	87·2	72·5	64·7	21·3	51	...	5·9	...	6·5	0	0	29	2	0	0	1	0	19	0	7	1
Poona ...	0530	1834	892·7	941·7	...	73·9	70·8	69·3	24·5	86	...	5·0	...	2·5	0	0	18	0	0	0	0	0	4	14	0	12
	0830	..	894·3	943·1	-0·3	77·9	72·6	70·2	25·0	78	+ 5	6·3	+0·9	2·9	0	0	24	0	0	0	0	0	4	19	1	6
	1130	..	894·8	942·9	...	84·6	74·1	69·5	24·4	61	...	5·7	...	4·7	0	0	24	0	0	0	1	0	4	16	3	6
	1730	..	892·4	940·7	...	82·6	73·5	69·4	24·5	66	...	6·4	...	4·8	0	0	28	0	0	0	1	0	0	2	20	5	2
	2330	..	894·2	943·2	...	75·6	71·4	69·4	24·5	81	...	4·1	...	2·7	0	0	21	0	0	0	0	0	1	20	0	9
Poona (Lohagaon Aerodrome) ...	0530	1937	892·7	938·1	...	73·4	70·3	68·8	24·1	85	...	5·2	...	4·7	0	2	20	0	0	0	0	0	4	18	0	8
	0830	..	894·3	939·4	...	77·7	71·9	69·1	24·3	75	...	6·1	...	6·8	0	3	26	0	0	0	0	0	1	24	1	1
	1130	..	894·3	939·3	...	83·9	73·3	68·2	23·7	60	...	6·0	...	9·4	0	8	21	0	0	0	0	0	7	19	3	1
	1730	..	892·4	937·0	...	81·8	72·7	68·1	23·8	65	...	6·4	...	13·8	0	17	13	0	0	0	0	1	7	19	3	0
	2330	..	894·2	939·6	...	75·0	71·0	68·9	24·3	82	...	4·7	...	6·1	0	0	28	0	0	0	0	0	3	25	0	2
Jeur ...	0830	1709	894·2	947·4	...	79·2	73·3	70·6	25·6	75	...	5·0	...	10·0	0	5	25	1	0	0	0	1	8	15	5	0
	1730	..	891·7	943·9	...	87·8	74·6	68·8	23·8	54	...	6·1	...	17·3	0	20	9	2	0	1	0	0	7	13	6	1
Sholapur ...	0530	1570	1004·3	951·1	...	74·8	70·7	68·8	24·0	82	...	5·7	...	1·3	0	0	12	0	0	0	1	0	9	2	0	18
	0830	..	1005·2	952·4	+0·2	79·2	73·0	70·0	25·2	73	+ 5	4·6	-1·0	2·5	0	0	27	0	1	0	0	0	24	1	1	3
	1130	..	1003·8	951·9	...	87·1	74·1	68·2	23·5	54	...	5·3	...	5·0	0	0	29	0	1	0	0	0	18	7	3	1
	1730	..	1000·3	948·8	...	90·2	74·3	66·4	22·4	47	...	5·9	...	5·1	0	2	25	1	0	0	0	0	22	3	1	3
	2330	..	1005·3	952·4	...	78·2	71·8	68·6	24·0	73	...	5·4	...	2·9	0	0	17	0	0	0	0	0	14	3	0	13
Miraj ...	0830	1817	895·6	945·2	+0·1	76·3	72·1	70·3	25·2	82	+ 2	6·3	0	7·6	0	5	23	0	0	1	0	1	10	14	2	2
	1730	..	893·9	943·0	...	80·9	73·0	69·4	24·5	69	...	6·8	...	10·2	0	21	9	0	0	0	0	1	11	15	3	0
Kolhapur ...	0530	1870	893·7	941·6	...	72·9	70·9	69·9	25·0	91	...	5·9	...	6·5	0	0	28	0	0	0	0	0	7	20	1	2
	0830	..	895·2	942·9	...	76·1	72·2	70·4	25·4	83	...	5·8	...	8·7	0	6	23	0	0	0	0	0	5	24	0	1
	1130	..	895·6	942·8	...	81·8	73·7	70·1	25·1	68	...	6·1	...	12·7	0	17	13	0	0	0	0	0	3	25	2	0
	1730	..	893·5	940·9	...	78·6	73·6	69·8	24·9	75	...	6·5	...	15·4	0	24	6	0	0	0	0	0	6	24	0	0
Bijapur ...	0830	1950	895·4	940·2	+0·1	76·9	71·9	69·6	24·7	78	+ 5	5·3	+0·3	6·3	0	0	30	0	0	0	0	0	13	15	2	0
	1730	..	893·1	937·0	...	84·7	73·2	67·6	23·2	58	...	5·7	...	8·7	0	0	30	0	0	0	0	0	13	16	1	0
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	896·7	935·2	-0·1	75·3	71·4	69·6	24·7	83	+ 2	6·2	+0·8	9·2	0	2	28	0	0	0	0	0	11	18	1	0
	1730	..	895·0	932·9	...	81·7	71·8	67·8	22·5	63	...	6·2	...	12·0	0	10	20	0	0	0	0	0	9	19	2	0
Gadag (P.B.O.) ...	0530	2150	895·3	933·3	...	81·9	70·1	69·4	24·4	92	...	6·2	...	...	0	5	25	0	0	0	0	0	22	8	0	0
	0830	..	896·8	934·6	...	75·7	71·4	69·7	24·5	82	...	6·4	...	...	0	11	19	0	0	0	0	0	21	9	0	0
	1130	..	897·2	934·5	...	82·6	73·0	69·2	23·8	65	...	6·5	...	...	0	9	21	0	0	0	0	0	20	10	0	0
	1730	..	895·0	932·3	...	81·3	71·9	68·0	22·9	65	...	6·1	...	...	0	16	13	0	0	0	0	0	21	8	0	1
	2330	..	896·9	934·8	...	73·5	70·5	69·4	24·3	87	...	4·5	...	...	0	12	18	0	0	0	0	0	23	7	0	0
Hyderabad, North																										
Aurangabad ...	0830	1905	894·3	940·7	-0·2	77·0	72·5	70·4	25·4	80	+ 8	5·8	+0·3	8·5	0	5	24	0	0	0	0	1	10	16	2	1
	1730	..	891·7	936·7	...	89·7	74·6	67·7	23·1	52	...	7·1	...	13·2	0	14	16	2	2	0	1	0	5	17	3	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	892·4	939·1	...	73·8	70·7	69·3	24·4	86	...	5·4	...	7·4	0	4	24	0	0	1	0	0	6	10	11	2
	0830	..	894·2	940·5	...	79·3	72·5	69·3	24·5	72	...	5·0	...	9·3	0	8	22	0	0	0	0	1	7	12	10	0
	1130	..	894·4	940·2	...	85·8	74·1	68·3	24·0	58	...	5·0	...	10·7	0	9	21	2	0	0	0	0	5	17	6	0
	1730	..	891·5	937·0	...	88·2	73·1	64·9	21·6	51	...	6·2	...	9·4	0	4	23	0	0	0	0	1	2	4	11	9	3
	2330	..	893·8	940·3	...	76·9	71·7	69·2	24·4	78	...	5·7	...	8·9	0	4	27	0	0	1	2	1	0	4	16	6	0
Parbhani ...	0830	1393	1003·8	957·2	...	82·3	74·9	71·6	26·2	71	...	4·1	...	...	0	9	20	0	0	0	0	0	2	27	0	1
	1730	..	998·2	952·7	...	92·9	76·8	68·3	24·2	48	...	5·6	...	...	0	4	26	0	0	0	0	1	1	23	5	0
Ramagundam ...	0830	513	1003·2	986·0	...	89·5	76·4	70·1	25·1	55	...	5·3	...	3·6	0	0	25	6	4	0	0	0	3	10	2	5
	1730	..	997·8	981·0	...	98·9	77·9	67·1	23·1	38	...	5·8	...	3·3	0	0	28	5	1	0	0	5	7	5	5	2

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1002·7	960·7	-1·1	84·2	75·2	70·5	25·8	65	− 1	4·3	-0·3	1·8	0	0	28	0	0	0	0	0	21	2	5	2
	1730	,,	997·3	956·5	...	94·4	80·1	72·1	28·5	55	...	4·6	...	1·1	0	0	16	2	1	0	0	0	10	0	3	14
Bidar ...	0830	2178	895·0	931·6	...	77·1	71·0	67·9	23·5	74	+ 5	5·8	+1·2	16·4	0	23	7	0	0	0	0	0	10	20	0	0
	1730	,,	891·3	927·7	...	90·5	72·5	63·1	19·9	42	...	6·2	...	15·5	0	19	11	1	1	0	0	1	9	18	0	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1005·1	954·3	-0·1	79·4	71·7	67·9	23·5	68	− 3	5·1	+0·3	12·2	0	9	21	0	0	0	0	1	8	20	1	0
	1730	,,	999·5	950·2	...	90·6	74·0	65·8	21·9	46	...	5·7	...	14·8	0	15	15	0	1	1	0	0	9	18	1	0
Raichur ...	0830	1311	1006·0	961·8	+0·6	79·8	72·9	69·2	24·5	71	+ 2	5·4	+1·4	14·8	0	21	9	0	0	0	0	0	15	14	1	0
	1730	,,	1000·9	957·7	...	90·3	74·4	65·8	21·8	46	...	6·4	...	11·4	0	12	18	0	0	0	0	1	14	13	2	0
Hyderabad (Nizamiah) ...	0830	1778	894·5	945·0	+0·5	80·5	72·7	68·9	24·3	68	− 3	5·5	+0·1	16·2	0	21	9	0	0	0	0	0	0	27	3	0
	1730	,,	891·8	941·1	...	92·3	74·2	65·3	21·5	42	...	5·7	...	13·2	0	13	17	0	1	0	0	0	7	20	2	0
Hyderabad (Begumpet) ...	0530	1787	892·9	943·5	...	76·6	71·0	68·1	23·6	76	...	5·9	...	16·0	0	24	6	0	0	0	0	0	1	27	2	0
	0830	,,	894·5	944·8	...	80·0	72·8	69·4	24·6	70	...	5·7	...	18·1	0	25	5	0	0	0	0	0	1	26	3	0
	1130	,,	894·9	944·4	...	87·9	74·9	68·9	24·2	54	...	5·3	...	17·4	0	22	8	0	1	0	0	0	3	24	2	0
	1730	,,	891·8	940·8	...	93·2	74·7	66·2	22·2	43	...	5·6	...	15·0	0	21	9	1	0	0	0	1	7	20	1	0
	2330	,,	894·0	944·0	...	82·1	72·8	68·4	23·8	64	...	4·8	...	19·8	0	25	4	0	0	0	1	0	6	22	0	1
Hanamkonda ...	0830	881	1002·9	973·4	-0·3	89·5	75·3	69·4	23·5	58	− 1	2·9	-2·2	5·0	0	0	30	1	0	1	0	1	0	23	4	0
	1730	,,	997·9	969·1	...	98·0	77·8	67·2	23·3	41	...	3·6	...	4·5	0	0	30	3	0	1	0	5	6	10	5	0
Khammameth ...	0830	367	1003·8	991·4	...	88·1	79·3	75·5	30·2	67	...	5·1	...	8·0	0	2	28	1	0	0	0	0	0	24	5	0
	1730	,,	998·9	986·8	...	99·2	81·5	74·4	28·6	46	...	5·9	...	7·9	0	2	27	3	0	0	0	0	0	25	1	1
Coastal Andhradesa																										
Nellore ...	0530	65	1003·7	1001·4	...	83·0	75·6	72·0	26·9	71	...	5·4	...	3·8	0	0	25	0	0	0	0	0	6	16	3	5
	0830	,,	1005·1	1002·9	+0·4	89·0	76·8	71·0	25·9	56	0	5·3	-0·3	4·5	0	0	29	0	0	0	0	0	4	18	7	1
	1130	,,	1004·5	1002·3	...	94·6	77·4	68·9	24·3	44	...	4·3	...	5·4	0	0	30	0	0	0	0	0	5	21	4	0
	1730	,,	1001·2	999·0	...	97·1	78·8	71·0	25·3	45	...	5·4	...	4·1	0	0	26	0	0	0	1	0	4	17	4	4
	2330	,,	1004·4	1002·2	...	85·8	77·6	73·9	28·6	68	...	3·5	...	3·8	0	1	21	0	0	0	4	3	5	10	0	8
Ongole ...	0830	38	1004·5	1003·1	...	89·3	81·2	77·7	32·7	69	...	3·7	...	8·3	0	1	29	0	0	0	0	0	3	26	1	0
	1730	,,	1000·1	998·8	...	98·3	86·9	82·0	38·5	63	...	3·9	...	7·6	0	0	30	0	0	0	6	0	1	22	1	0
Gannavaram ...	0530	88	1002·4	999·4	...	84·3	76·4	72·5	27·5	69	...	5·4	...	7·6	0	5	22	0	0	0	0	2	12	11	2	3
	0830	,,	1003·9	1000·9	...	89·2	77·0	71·0	26·1	57	...	4·9	...	13·5	0	16	13	0	0	0	1	0	7	18	3	1
	1130	,,	1003·1	1000·1	...	96·1	78·1	69·4	24·7	43	...	4·3	...	13·7	0	17	13	1	0	0	0	1	1	18	9	0
	1730	,,	999·6	996·7	...	97·2	77·5	63·8	23·2	41	...	5·7	...	11·1	0	9	21	1	1	0	0	4	9	12	3	0
	2330	,,	1002·8	999·8	...	87·2	77·3	72·5	27·5	64	...	4·4	...	6·9	0	2	27	1	0	2	0	0	8	8	0	1
Masulipatam ...	0530	10	1002·4	1002·1	...	83·5	78·0	75·0	30·2	77	...	5·5	...	5·0	0	1	25	0	0	0	0	2	13	9	2	4
	0830	,,	1003·8	1003·5	+0·1	87·7	77·9	73·6	28·2	64	− 7	4·7	-0·1	10·1	0	9	19	0	0	0	1	0	5	7	15	2
	1130	,,	1003·2	1002·9	...	93·4	78·6	71·5	26·6	49	...	5·0	...	9·6	0	8	22	0	0	0	0	1	2	23	4	0
	1730	,,	999·9	999·5	...	94·0	79·7	73·2	28·1	52	...	5·0	...	8·3	0	1	29	1	1	0	2	12	2	10	2	0
	2330	,,	1002·8	1002·5	...	85·5	79·9	77·3	32·3	78	...	4·3	...	6·7	0	3	24	1	0	0	0	2	21	2	1	3
Kakinada ...	0830	26	1003·1	1002·2	0	88·5	79·7	75·7	30·6	68	− 4	3·5	-2·1	5·9	0	0	28	1	0	0	0	0	25	1	1	2
	1730	,,	999·5	998·6	...	93·3	80·7	75·1	30·0	59	...	3·4	...	5·9	0	0	29	0	0	0	4	0	24	0	1	1
Visakhapatnam ...	0530	11	1000·9	1000·5	...	83·2	79·2	77·6	32·2	83	...	6·3	...	6·7	0	0	21	0	0	0	0	2	13	6	3	6
	0830	,,	1002·3	1001·9	+0·1	86·9	80·6	77·5	32·8	75	− 6	6·2	0	10·3	0	6	24	0	0	0	1	1	16	12	0	0
	1130	,,	1001·5	1001·1	...	92·2	82·3	78·4	33·2	66	...	5·5	...	9·6	0	7	21	1	0	1	2	3	14	3	4	2
	1730	,,	999·0	998·6	...	89·6	82·7	79·8	35·2	73	...	6·7	...	9·9	0	6	23	0	0	0	1	5	20	2	1	1
	2330	,,	1001·8	1001·4	...	84·7	81·1	79·6	34·6	85	...	5·1	...	4·6	0	2	17	0	0	1	0	1	12	4	1	11
Calingapatam ...	0830	19	1001·9	1001·2	+0·2	84·3	80·3	78·7	33·5	84	+ 9	6·3	+1·3	7·1	0	0	30	0	0	0	0	5	13	10	2	0
	1730	,,	998·4	997·8	...	88·2	81·8	79·2	34·2	75	...	7·0	...	10·9	0	3	27	0	0	0	0	13	14	1	2	0
Rentachintala ...	0830	348	1004·0	992·3	...	86·7	76·0	70·7	25·8	58	− 5	6·8	+0·2	5·3	0	0	30	0	0	0	0	1	2	29	0	0
	1730	,,	999·4	987·9	...	99·6	78·3	68·5	24·3	38	...	6·5	...	4·5	0	0	30	1	0	0	0	1	2	26	0	0
Rayalaseema																										
Arogyavaram ...	0830	2299	897·6	930·1	...	77·4	69·7	65·8	21·7	67	...	6·1	...	7·3	0	0	30	0	0	0	0	0	5	22	3	0
	1730	,,	895·0	926·7	...	86·2	71·8	64·9	20·8	51	...	6·6	...	7·5	0	2	28	2	1	0	0	0	1	18	8	0
Cuddapah ...	0830	428	1006·4	991·9	+0·6	86·6	76·6	71·6	26·7	62	+ 3	4·8	-0·3	1·8	0	0	23	0	0	0	0	0	0	23	0	7
	1730	,,	1001·5	987·3	...	96·8	80·5	73·3	28·1	47	...	5·7	...	1·3	0	0	20	0	0	0	0	0	0	19	1	10
Bellary ...	0830	1473	1005·9	956·4	+0·1	80·7	73·5	69·8	24·9	70	+ 9	6·2	+0·9	4·3	0	0	28	0	0	0	0	0	0	15	13	2
	1730	,,	1001·1	952·7	...	89·6	74·6	67·0	22·4	49	...	6·0	...	4·8	0	0	29	0	0	0	0	0	0	22	7	1
Kurnool ...	0830	923	1006·0	974·7	+0·4	81·5	73·8	69·8	25·0	69	+ 3	5·5	+0·2	13·5	0	13	17	0	0	0	0	0	0	8	18	4
	1730	,,	1000·5	970·0	...	92·9	75·4	66·2	22·1	42	...	5·8	...	14·9	1	12	17	0	0	0	0	0	0	5	21	4
Anantapur ...	0530	1147	1005·0	966·0	...	77·5	71·8	68·8	24·1	75	...	4·2	...	6·4	0	1	26	0	0	0	0	0	0	3	20	4
	0830	,,	1006·1	967·4	...	81·1	73·1	68·9	24·2	67	...	5·5	...	10·6	0	7	23	0	0	0	0	0	0	8	21	1
	1130	,,	1004·8	966·7	...	88·7	74·4	66·7	22·6	49	...	5·2	...	12·8	0	11	19	0	0	0	0	0	0	3	26	1
	1730	,,	1001·2	963·3	...	91·7	74·4	65·0	21·2	42	...	6·0	...	15·8	0	17	13	0	0	0	0	0	4	24	2	0
	2330	,,	1005·6	966·9	...	81·3	72·7	68·2	23·6	65	...	4·2	...	12·7	0	9	21	0	0	0	0	1	3	24	2	0
Tamilnad																										
Palayamcottai ...	0830	167	1008·1	1002·4	...	87·0	76·1	70·7	25·8	59	...	4·1	...	7·1	0	3	27	0	0	0	0	0	7	21	2	0
	1730	,,	1005·3	999·6	...	89·9	75·6	67·9	23·8	49	...	5·5	...	10·5	0	8	22	0	0	0	0	0	0	25	5	0
Pamban ...	0830	37	1008·0	1006·7	+0·7	84·5	78·9	73·4	31·2	77	+ 5	3·1	+0·2	9·1	0	4	26	0	0	0	1	7	20	2	0	0
	1730	,,	1004·7	1003·4	...	84·4	80·0	78·3	33·4	82	...	4·4	...	14·2	0	18	12	0	0	0	7	8	15	0	0	0
Mathurai ...	0830	437	1007·2	992·5	+0·2	87·7	74·5	67·6	23·1	52	− 5	5·8	+0·6	3·7	0	0	29	1	0	0	0	0	1	14	13	1
	1730	,,	1003·4	988·8	...	93·7	75·6	66·2	22·0	41	...	6·2	...	5·5	0	1	28	1	0	0	0	0	4	19	5	1

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Wind speed, mean wind speed (m.p.h.)	Wind speed, (m.p.h.)			No. of observations Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1007·2	1006·2	+0·5	87·6	75·6	69·6	24·8	56	− 7	5·1	+0·9	7·0	0	0	30	0	0	0	0	2	12	16	0	0
	1730	,,	1003·4	1002·4	...	90·5	78·4	72·9	27·7	57	...	5·6	...	8·5	0	1	29	0	0	0	2	13	13	2	0	0
Tiruchirapalli ...	0530	295	1006·2	996·1	...	81·8	73·0	68·5	23·7	64	..	5·0	...	14·2	0	12	18	0	0	0	0	0	0	29	1	0
	0830	,,	1007·4	997·3	+0·2	86·5	74·7	68·6	24·0	55	− 3	5·7	+1·4	18·6	0	23	7	0	0	0	0	0	0	21	9	0
	1130	,,	1006·3	996·4	...	95·2	75·9	65·6	21·8	38	...	5·2	...	23·1	1	28	1	0	0	0	0	0	0	22	8	0
	1730	,,	1003·1	993·2	...	93·8	75·9	65·0	21·0	36	...	5·8	...	20·3	0	25	5	0	0	0	0	1	1	18	10	0
	2330	,,	1006·9	996·8	...	84·9	73·4	67·3	22·9	56	...	4·4	...	22·5	0	29	1	0	0	0	0	0	0	29	1	0
Coimbatore ...	0330	1341	1008·4	962·9	+0·8	78·5	72·2	68·6	24·8	73	− 5	5·6	+1·1	7·5	0	0	30	0	0	0	0	2	13	13	2	0
	1730	,,	1005·5	960·6	...	82·8	72·2	66·1	22·2	58	...	5·9	...	7·1	0	1	29	0	0	0	0	2	13	13	2	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1006·8	962·1	...	72·8	70·6	69·4	24·5	89	...	4·3	...	16·3	0	19	11	0	0	0	0	13	15	2	0	0
	0830	,,	1007·7	963·5	...	75·2	73·6	69·8	24·9	75	...	5·1	...	17·4	0	23	7	0	0	0	0	13	15	2	0	0
	1130	,,	1006·4	962·8	...	85·3	73·5	67·0	22·9	55	...	4·7	...	26·7	1	28	1	0	0	0	0	9	17	4	0	0
	1730	,,	1004·6	960·9	...	82·3	72·3	66·7	22·0	60	...	5·5	...	26·1	1	29	0	0	0	0	0	7	17	6	0	0
	2330	,,	1007·9	963·4	...	74·6	71·5	69·9	25·0	85	...	4·2	...	19·4	0	25	5	0	0	0	0	11	18	1	0	0
Salem ...	0530	913	1006·3	975·1	...	76·8	71·7	69·1	24·2	77	...	4·7	...	4·0	0	0	30	0	0	0	0	8	11	10	1	0
	0830	,,	1007·6	976·6	+0·4	80·1	73·1	69·6	24·7	70	− 4	5·3	+0·4	4·5	0	0	30	0	0	0	0	1	15	14	0	0
	1130	,,	1006·3	975·8	...	88·7	74·5	67·0	22·7	49	...	4·7	...	5·9	0	0	30	0	0	0	0	3	11	12	4	0
	1730	,,	1002·9	972·6	...	90·0	74·4	65·9	22·0	48	...	6·4	...	4·8	0	0	28	0	0	1	0	1	9	15	2	2
	2330	,,	1005·9	976·0	...	81·4	73·0	68·6	23·9	66	...	3·6	...	5·0	0	0	27	0	0	0	0	4	17	5	1	3
Kallakurichi ...	0830	416	1001·1	992·0	...	86·7	75·1	69·3	24·5	57	...	4·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1001·8	987·9	...	95·5	76·4	66·5	22·4	41	...	5·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1001·9	1003·6	...	82·4	76·3	73·4	28·2	74	...	4·0	...	0·7	0	0	10	0	0	0	0	7	3	0	0	20
	0830	,,	1003·4	1005·1	+0·2	88·4	78·3	74·0	28·4	63	− 1	4·4	+0·1	1·5	0	0	21	0	0	0	0	0	21	0	0	9
	1130	,,	1005·5	1004·2	...	96·4	79·6	72·2	26·8	46	...	4·3	...	2·9	0	0	25	0	0	0	1	5	16	2	1	5
	1730	,,	1002·8	1001·5	...	90·5	81·9	78·1	33·3	69	...	5·2	...	2·9	0	0	28	0	0	0	1	14	5	8	0	2
	2330	,,	1005·7	1004·4	...	85·4	78·9	76·1	30·8	74	...	3·4	...	3·5	0	0	21	0	0	0	1	2	10	8	0	9
Vellore ...	0530	703	1005·0	981·1	...	80·7	72·0	67·3	22·8	64	...	4·5	...	3·7	0	0	25	1	0	0	1	0	3	14	6	5
	0830	,,	1006·2	982·5	+0·4	84·6	73·3	67·6	22·9	56	− 7	5·0	+1·0	3·9	0	0	30	0	0	0	0	0	2	16	12	0
	1130	,,	1005·0	981·6	...	92·1	75·2	66·4	22·2	43	...	4·6	...	7·0	0	0	30	0	0	0	0	0	3	15	13	0
	1730	,,	1001·5	978·2	...	95·6	75·3	64·2	20·7	36	...	5·8	...	6·9	0	1	29	0	2	0	0	1	5	15	7	0
			(b)	(b)																						
	2330	,,	1005·8	982·0	...	84·3	73·7	68·0	24·0	60	..	4·6	...	4·7	0	0	27	2	0	0	0	0	3	13	9	3
Madras ...	0530	51	1004·5	1002·8	...	83·2	76·0	72·6	27·4	72	...	5·5	...	7·2	0	3	24	1	0	0	0	2	7	16	1	3
	0830	,,	1006·0	1004·3	+0·6	87·0	76·3	71·0	26·1	60	+ 4	5·0	...	13·0	0	15	15	0	0	0	0	1	4	24	1	0
	1130	,,	1005·0	1003·3	...	93·3	77·7	69·4	25·4	48	...	4·5	+0·2	13·7	0	13	17	0	0	0	0	0	3	24	3	0
	1730	,,	1003·3	1000·6	...	89·2	79·7	74·8	30·3	65	...	6·3	...	8·3	0	2	28	1	1	2	18	5	2	0	1	0
	2330	,,	1005·3	1003·5	...	84·1	79·0	76·8	31·5	79	...	5·4	...	7·1	0	4	24	0	0	0	7	11	2	7	1	2
Madras (Nungambakkam) ...	0830	21	1005·5	1004·8	...	87·3	75·7	70·2	25·1	57	...	4·6	...	7·1	0	1	29	0	0	0	0	1	12	14	3	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1007·3	1004·8	...	75·9	74·8	74·3	29·0	95	...	7·2	...	4·6	0	0	29	1	1	11	7	4	2	3	0	1
	0830	,,	1008·9	1006·4	+0·5	77·8	76·0	75·1	29·8	92	+ 5	7·6	+0·8	4·5	0	0	28	1	1	8	8	5	2	3	0	2
	1130	,,	1009·1	1005·6	...	81·1	77·1	75·2	30·0	83	...	6·9	...	3·9	0	0	25	0	0	1	0	7	11	4	2	5
	1730	,,	1007·0	1004·5	...	80·1	76·9	75·4	30·1	86	...	7·3	...	4·0	0	1	24	1	0	0	3	2	6	10	3	5
	2330	,,	1008·9	1006·5	...	76·8	75·4	74·6	29·4	94	...	3·5	...	3·6	0	0	22	1	0	4	9	2	2	4	0	8
Kozhikode ...	0530	27	1007·9	1007·0	...	75·8	74·5	73·7	28·6	94	...	6·8	...	3·8	0	1	25	0	9	13	1	0	0	2	1	4
	0830	,,	1009·4	1008·5	+0·5	78·3	75·8	74·7	29·3	89	0	7·0	+0·2	3·7	0	0	29	1	8	10	4	1	0	1	4	1
	1130	,,	1009·7	1008·8	...	82·5	77·7	75·6	30·2	80	...	7·0	...	4·7	0	1	27	1	3	3	1	2	7	6	5	2
	1730	,,	1007·5	1006·6	...	83·2	77·7	75·4	30·4	81	...	7·5	...	8·5	0	2	27	4	1	1	0	2	4	7	10	1
	2330	,,	1009·6	1008·7	...	77·2	75·2	74·2	28·9	91	...	7·1	...	5·5	0	1	26	3	8	7	0	1	2	2	4	3
Palghat ...	0830	319	1009·2	998·2	...	77·8	75·6	74·5	29·2	90	...	5·9	...	6·3	0	0	30	0	0	0	0	0	0	29	1	0
	1730	,,	1007·1	996·2	...	80·9	77·0	75·1	29·9	83	...	6·7	...	9·6	0	0	30	0	0	0	0	0	3	25	2	0
Mysore																										
Chitaldrug ...	0830	2405	897·7	926·7	+0·5	74·3	69·8	67·5	23·1	79	+ 2	5·8	−0·4	6·8	0	0	30	0	0	0	0	0	19	11	0	0
	1730	,,	895·8	924·3	...	81·1	73·1	69·2	24·6	69	...	6·2	...	6·2	0	0	30	0	0	0	0	0	20	10	0	0
Shimoga ...	0830	1872	896·8	944·6	...	75·5	71·3	69·3	24·5	81	...	6·2	...	5·1	0	0	29	0	0	0	0	5	19	4	1	1
	1730	,,	895·3	942·7	...	78·6	73·0	69·0	24·1	73	...	6·9	...	5·7	0	0	30	0	0	0	0	2	17	10	1	0
Hassan ...	0830	3149	899·5	903·8	...	70·2	67·5	66·1	22·0	87	+ 5	6·6	+0·4	9·9	0	4	26	0	0	0	0	0	4	25	1	0
	1730	,,	897·8	902·1	...	73·6	68·1	65·4	21·3	76	...	6·0	...	13·3	0	15	15	0	0	0	0	0	4	26	0	0
Bangalore (Central Observatory) ...	0830	3021	899·1	907·6	+0·4	72·2	67·8	65·5	21·5	80	0	6·3	0	10·6	0	5	25	0	0	0	0	0	14	15	1	0
	1130	,,	898·8	907·3	...	80·1	69·7	63·8	20·5	58	...	5·5	...	11·7	0	9	21	0	0	0	0	0	7	22	1	0
	1730	,,	896·5	904·9	...	80·5	69·3	63·2	19·9	57	...	6·2	...	13·5	0	17	13	0	0	0	0	0	10	19	1	0
Bangalore (Aerodrome) ...	0530	2942	897·7	908·8	...	68·5	66·7	65·9	21·6	99	...	5·0	...	...	...	...	...	0	0	0	0	0	3	27	0	0
	0830	,,	899·5	910·1	...	73·5	68·6	66·1	21·9	77	...	6·1	...	...	...	...	...	1	0	0	0	0	5	23	1	0
	1130	,,	898·8	909·7	...	81·6	70·7	65·0	21·2	57	...	5·9	...	...	...	...	...	0	0	0	0	0	4	23	3	0
	1730	,,	896·7	907·5	...	83·0	69·9	65·4	20·1	47	...	6·0	...	...	...	...	...	0	0	0	0	0	4	24	2	0
	2330	,,	899·2	910·3	...	73·2	67·5	65·1	21·2	78	...	4·6	...	...	...	...	...	0	0	0	0	0	3	25	1	1

(b) Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	899·1	924·2	+0·4	73·7	69·2	67·0	22·6	79	+ 1	5·2	−1·0	7·7	0	0	30	0	0	0	0	0	9	20	1	0
	1730	,,	897·5	922·5	...	78·2	69·8	65·5	21·5	66	...	6·0	...	10·7	0	4	26	0	0	0	0	0	6	23	1	0
Balehonnur ...	0830	...	...	...	...	69·7	68·5	67·8	23·4	94	+ 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0330	10	1010·0	1009·7	+0·1	79·0	76·4	75·2	29·9	89	+ 3	7·7	+1·3	4·5	0	1	27	2	7	10	7	0	0	1	1	2
	1730	,,	1007·7	1007·4	...	81·1	77·0	75·2	29·9	82	...	7·5	...	7·3	0	5	25	5	3	2	0	2	7	5	6	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1008·7	1008·5	...	75·7	74·6	74·1	28·8	95	...	6·9	...	2·9	0	1	15	1	2	7	1	1	1	3	0	14
	0830	,,	1010·0	1009·8	...	78·4	75·9	74·9	29·4	89	...	7·1	...	3·5	0	0	25	1	4	10	5	1	0	3	1	5
	1130	,,	1009·9	1009·7	...	82·2	77·5	75·4	30·1	80	...	6·8	...	4·9	0	0	28	4	3	1	1	5	6	4	4	2
	1730	,,	1007·9	1007·7	...	80·8	76·7	74·9	29·5	83	...	6·7	...	5·7	0	0	26	1	3	3	0	0	7	7	5	4
	2330	,,	1010·2	1010·0	...	77·1	75·7	74·8	29·7	93	...	5·9	...	1·9	0	0	12	1	0	1	1	0	2	4	3	18
Alleppey ...	0830	12	1010·0	1009·6	...	80·9	77·6	76·5	30·8	89	...	7·1	...	6·6	0	1	29	1	7	9	1	2	2	3	5	0
	1730	,,	1007·9	1007·5	...	81·6	77·4	75·6	30·2	83	...	6·9	...	10·3	0	7	23	2	4	1	1	0	7	5	10	0
Trivandrum ...	0530	211	1008·8	1001·5	...	75·0	73·9	73·5	28·1	95	...	6·2	...	3·1	0	0	27	14	2	1	0	0	0	1	9	3
	0830	,,	1010·2	1002·9	+0·6	77·7	75·3	74·2	28·8	89	+ 2	6·1	−0·5	2·4	0	0	25	6	3	0	0	0	0	2	14	5
	1130	,,	1010·0	1002·7	...	82·7	77·2	74·7	29·4	77	...	6·2	...	5·5	0	0	29	1	0	0	0	0	3	5	20	1
	1730	,,	1008·0	1000·7	...	80·9	76·3	74·3	28·9	81	...	6·9	...	6·3	0	0	30	2	0	0	0	0	1	3	24	0
	2330	,,	1010·4	1003·1	...	76·6	74·9	74·3	28·8	92	...	5·3	...	3·1	0	0	28	6	1	0	1	0	0	4	16	2
Nagercoil ...	0530	195	1008·0	1001·3	...	76·3	73·8	72·8	27·4	89	...	6·4	...	9·5	0	2	28	0	0	0	0	0	0	27	3	0
	0830	,,	1009·4	1002·7	...	79·3	75·3	73·3	28·1	83	...	6·9	...	10·7	0	4	26	0	0	0	0	0	0	26	4	0
	1130	,,	1009·3	1002·6	...	84·0	77·3	74·2	29·0	73	...	6·8	...	14·1	0	17	13	0	0	0	0	0	0	27	3	0
	1730	,,	1006·9	1000·3	...	81·9	76·3	73·7	28·4	77	...	7·2	...	13·8	0	17	13	0	0	0	0	0	0	29	1	0
	2330	,,	1009·6	1002·9	...	77·6	74·9	73·7	28·3	88	...	6·3	...	11·1	0	8	22	0	0	0	0	0	0	27	3	0
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	894·0	884·3	...	71·7	69·6	68·9	24·0	91	...	7·4	...	4·4	0	1	27	0	3	10	6	2	5	2	0	2
	1730	,,	891·4	881·7	...	72·2	70·6	69·6	25·1	92	...	7·9	...	4·7	0	0	27	0	0	3	1	1	9	9	4	3
Shillong ...	0830	4921	894·9	845·2	+0·2	70·0	66·4	64·4	20·8	83	+ 5	6·8	+0·2	0·1	0	0	2	0	0	0	1	1	1	0	0	28
	1730	,,	892·3	842·8	...	70·2	67·2	65·7	21·6	86	...	6·9	...	0·4	0	0	4	0	0	0	1	0	3	0	0	26
Cherrapunji ...	0830	4309	895·5	863·9	+0·2	69·2	67·4	66·5	22·0	92	+ 4	7·4	+0·2	2·3	0	0	30	3	9	7	2	5	4	0	0	0
	1730	,,	892·8	861·4	...	69·6	68·1	67·4	22·9	93	...	6·9	...	2·1	0	0	26	2	6	0	4	4	8	2	0	4
Darjiling ...	0830	7432	797·2	773·3	+0·4	62·1	60·9	60·1	18·1	94	+ 1	7·0	+0·1	4·9	0	1	28	0	1	19	4	0	1	4	0	1
	1730	,,	795·1	771·1	...	61·7	60·7	60·0	17·8	94	...	7·3	...	4·6	0	0	27	0	0	10	4	0	1	12	0	3
Darjiling (Raj Bhawan) ...	0830	6980	800·5	789·1	...	64·3	62·4	61·3	18·5	90	...	7·0	...	0·9	0	0	12	4	1	2	1	0	1	2	1	18
	1730	,,	798·0	796·5	...	64·2	62·5	61·4	18·9	91	...	7·2	...	1·3	0	0	19	3	3	0	1	0	8	3	1	11
Kalimpong ...	0830	3965	893·4	872·5	−0·9	70·6	68·5	67·3	23·1	90	+ 2	3·8	−2·4	1·5	0	0	14	0	0	0	0	0	0	0	14	16
	1730	,,	891·2	870·1	...	73·3	70·4	68·8	24·1	90	...	3·9	...	2·4	0	0	22	0	0	0	0	0	0	0	22	8
Katmandu ...	0830	4388	895·2	861·7	...	75·7	68·7	65·0	21·1	70	− 3	5·1	−0·3	0·9	0	0	12	1	2	3	3	1	1	0	1	18
	1730	,,	892·0	858·7	...	78·5	70·0	65·6	21·6	66	...	5·5	...	1·5	0	0	18	3	2	5	3	1	1	1	2	12
Mukteswar (Kumaon) ...	0830	7592	797·0	768·6	−0·4	62·1	56·1	51·0	13·2	73	+ 5	4·8	+0·7	5·6	0	0	27	0	4	4	1	1	3	11	3	3
	1730	,,	794·9	766·8	...	67·8	59·7	53·6	14·8	63	...	4·5	...	8·4	0	6	19	0	1	3	2	0	8	11	0	5
Lokpal ...	...	...	...	...	...	34·8	33·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	796·3	792·7	...	66·7	59·7	54·4	15·0	71	+ 3	4·5	+0·5	0·9	0	0	12	1	2	0	3	0	5	1	0	18
	1730	,,	794·5	790·9	...	62·2	61·2	55·3	18·1	70	...	5·0	...	2·5	0	1	25	2	2	0	8	12	2	0	0	4
Simla ...	0830	7224	796·2	778·0	−0·3	66·9	56·8	48·5	12·2	58	+ 3	3·2	−0·3	1·9	0	0	24	5	3	2	3	4	5	0	2	6
	1730	,,	794·8	776·7	...	70·7	60·1	52·4	13·9	57	...	4·7	...	1·7	0	0	25	5	2	1	2	7	4	2	2	5
Dalhousie ...	0830	,,	...	...	...	69·3	65·8	64·8	20·5	84	...	1·2	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
	1730	...	...	...	...	73·1	69·0	67·2	23·8	85	...	4·7	...	0·9	0	0	4	0	4	0	0	0	0	0	0	26
Dharamshala ...	0830	3975	898·4	877·6	...	78·6	69·8	64·5	21·3	64	...	1·9	...	0·7	0	0	10	3	0	7	0	0	0	0	0	20
	1730	,,	896·9	875·6	...	82·1	68·2	60·6	17·1	51	...	3·2	...	1·2	0	0	18	6	1	3	0	0	0	6	2	12
Pachmarhi ...	0830	3528	895·4	887·9	+0·3	76·9	69·3	65·0	21 4	71	+ 3	5·9	+1·0	5·0	0	0	26	1	0	1	0	0	0	15	9	4
	1730	,,	892·4	885·0	...	84·5	71·0	62·7	20·5	57	...	5·9	...	2·7	0	0	29	1	2	1	0	0	5	15	5	1
Abu ...	0830	3921	894·3	874·7	−0·3	74·5	67·0	61·9	19·5	69	− 2	3·9	−0·6	3·7	0	0	22	1	0	0	2	9	7	3	0	8
	1730	,,	892·3	873·1	...	83·5	69·5	61·1	18·5	49	...	3·3	...	2·2	0	0	25	0	0	0	2	11	9	2	1	5
Mahabaleshwar ...	0830	4534	897·5	858·9	−0·7	65·2	65·2	65·1	21·2	98	+ 4	7·5	+0·4	9·8	0	10	18	0	1	0	0	0	20	5	2	2
	1730	,,	895·4	856·9	...	66·1	66·0	65·6	21·8	98	...	7·8	...	8·6	0	7	23	0	0	0	1	1	24	1	3	0
Nandi Hills ...	0830	...	...	...	...	64·9	63·6	62·7	19·5	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	900·4	884·9	+1·3	65·9	65·3	65·0	21·5	97	+ 4	6·0	−1·0	5·2	0	0	30	0	0	0	0	0	0	15	15	0
	1730	,,	898·5	883·1	...	67·8	66·5	65·6	21·7	93	...	7·2	...	2·5	0	0	30	0	0	0	0	0	2	15	13	0
Kodaikanal ...	0830	7688	801·7	770·5	+1·3	58·8	54·6	51·7	13·1	77	+ 5	7·2	+1·2	8·4	0	0	8	18	0	7	0	0	0	1	16	9	4
	1130	,,	801·6	770·7	...	63·7	57·7	53·8	14·1	71	...	7·5	...	9·5	0	9	21	0	6	0	0	6	2	8	19	0
	1730	,,	800·1	769·1	...	59·3	55·7	53·3	13·8	81	...	7·6	...	10·0	0	8	22	0	8	0	1	0	2	10	17	0
Ootacamund ...	0830	7378	800·8	778·0	+0·3	57·6	54·8	53·1	13·7	85	+ 1	5·3	−0·9	7·2	0	1	27	0	8	1	0	0	4	23	0	2
	1730	,,	799·6	776·9	...	58·3	55·3	53·5	13·8	84	...	5·9	...	6·7	0	2	27	0	4	1	0	0	3	25	0	1
Coonoor ...	0830	...	...	...	...	68·2	62·4	59·3	17·2	73	− 9	4·7	−0·1	6·2	0	2	28	4	0	0	3	11	4	5	3	0
Sikkim																										
Lachen * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi) ...	0830	...	...	...	...	60·9	58·8	58·6	16·3	88	+2	2·2	-2·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	629·8	655·1	...	58·2	53·5	50·2	12·5	76	...	4·4	...	0·2	0	0	1	0	0	0	1	0	0	0	0	29
Gyantse ...	0830	13,110	624·0	624·7	...	60·0	47·2	35·8	6·9	41	-13	2·8	-0·7	0·3	0	0	5	1	0	2	1	1	0	0	0	25
Ceylon																										
Colombo ...	0830	24	1010·6	1009·8	+0·7	80·4	77·4	76·0	30·7	87	+3	6·6	+0·2	6·4	0	0	29	0	0	1	1	2	20	4	1	1
	1730	,,	1008·3	1007·5	...	81·6	77·3	75·7	30·1	82	...	6·9	...	7·7	0	1	28	0	0	0	0	1	19	9	0	1
Trincomalee ...	0830	24	1008·1	1007·3	+1·2	83·5	76·5	72·9	28·0	71	-6	6·5	+1·3	14·8	0	25	5	0	0	0	0	0	30	0	0	0
	1730	,,	1005·4	1004·6	...	89·0	77·0	70·8	26·2	56	...	6·1	...	12·8	0	16	14	0	0	0	0	0	30	0	0	0
Batticoloa ...	0830	20	1008·1	1007·8	...	84·6	77·3	74·2	28·7	77	...	4·9	...	4·0	0	0	25	3	3	1	1	5	1	6	5	5
	1730	,,	1005·6	1005·2	...	86·7	80·4	77·6	32·6	75	...	6·1	...	9·4	0	5	25	1	2	8	13	3	0	1	2	0
Hambantota ...	0830	61	1009·6	1007·5	+0·7	80·3	77·0	75·4	30·2	86	0	6·0	+1·7	14·9	0	23	7	0	0	0	0	0	15	15	0	0
	1730	,,	1007·2	1005·1	...	81·9	76·9	74·5	29·3	79	...	5·5	...	19·8	0	29	1	0	0	0	0	0	15	14	1	0
Mannar ...	0830	12	1008·5	1008·1	...	84·4	79·6	77·4	32·3	80	...	6·0	...	10·1	0	4	26	0	0	0	0	5	25	0	0	0
	1730	,,	1005·8	1005·4	...	84·3	79·5	77·2	32·2	80	...	5·8	...	12·9	0	24	6	0	0	0	0	6	24	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	998·9	972·4	...	80·1	75·6	73·3	28·2	81	...	5·5	...	2·5	0	0	19	1	2	2	10	2	1	0	1	11
	0830	,,	999·8	973·5	...	86·2	77·7	73·8	28·5	68	...	5·8	...	4·4	0	0	26	1	0	1	15	2	2	4	1	4
	1130	,,	998·7	972·8	...	92·9	77·7	69·8	25·5	51	...	5·7	...	6·1	0	0	30	1	3	3	9	1	4	4	5	0
	1730	,,	995·9	969·9	...	90·5	75·7	66·2	23·6	54	...	6·3	...	6·5	0	0	29	0	5	3	11	0	4	0	6	1
	2330	,,	999·1	972·7	...	82·4	75·2	71·2	26·6	72	...	5·8	...	3·9	0	2	19	2	0	3	9	2	2	3	0	9
Hazaribagh ...	0530	2019	889·3	931·6	...	76·7	71·7	69·0	24·5	79	...	5·1	...	2·6	0	0	20	2	0	1	3	7	5	2	0	10
	0830	,,	891·1	932·6	...	83·2	73·5	68·1	24·3	65	...	5·1	...	4·7	0	0	28	2	1	2	1	7	9	4	2	2
	1130	,,	891·1	932·1	...	88·9	73·4	64·0	21·8	52	...	5·2	...	5·2	0	1	28	2	3	1	2	4	3	6	8	1
	1730	,,	888·7	929·8	...	87·0	73·0	64·1	22·0	56	...	5·7	...	3·8	0	0	26	5	1	3	3	2	3	0	9	4
	2330	,,	890·2	931·9	...	79·0	72·2	68·2	24·3	73	...	4·3	...	2·2	0	0	19	2	0	5	3	7	2	0	0	11
Dhanbad ...	0530	839	998·9	970·6	...	80·4	76·7	74·7	23·7	84	...	5·1	...	4·1	0	0	27	2	4	4	4	7	5	1	0	3
	0830	,,	999·8	971·7	...	85·6	78·4	75·1	30·1	72	...	4·0	...	4·5	0	0	28	1	5	5	3	7	5	2	0	2
	1130	,,	998·3	971·1	...	92·2	78·8	72·1	27·5	55	...	4·5	...	5·0	0	1	28	1	5	3	2	6	8	3	1	1
	1730	,,	995·9	968·2	...	90·0	76·6	68·8	25·2	58	...	6·3	...	5·4	0	1	28	3	4	7	2	4	4	2	3	1
	2330	,,	999·1	970·9	...	83·2	76·9	73·9	28·8	76	...	4·3	...	5·1	0	2	25	1	4	5	6	5	5	0	1	3
Mahanadi Catchment																										
Baramul ...	0830	210	1000·8	993·7	...	86·9	79·6	76·7	32·0	73	...	...	...	1·7	0	0	18	0	2	2	1	0	9	0	4	12
	1730	,,	995·9	990·0	...	91·7	79·5	74·0	28·9	62	...	...	...	1·2	0	0	13	0	3	0	1	0	5	0	4	17
Hirakud ...	0830	522	1000·6	983·0	...	87·9	77·9	72·9	28·1	65	...	...	...	1·5	0	0	13	1	1	1	1	4	4	1	0	17
	1730	,,	997·1	979·8	...	94·4	77·6	68·0	24·6	51	...	...	...	0·3	0	0	4	0	0	1	0	1	0	2	0	26
Barkachhar ...	0830	...	...	...	...	87·6	77·1	70·8	26·0	66	...	...	...	9·0	0	6	24	2	0	0	1	1	13	12	1	0
	1730	...	...	...	...	93·7	79·0	71·3	27·2	59	...	...	...	7·2	0	0	30	1	1	1	3	2	11	9	2	0
Sonepur ...	0830	...	...	...	...	88·9	82·2	79·6	35·2	76	...	...	...	5·0	0	0	30	0	0	2	1	1	11	10	5	0
Ginabahar ...	0830	...	...	...	...	85·6	82·2	80·8	36·7	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	91·2	76·2	66·9	24·0	51	...	3·9	...	5·7	0	0	27 (i)	1	0	1	1	2	7	15	0	3
	1730	...	...	...	...	97·1	75·8	61·8	20·7	43	...	4·3	...	3·2	0	0	16	3	0	0	0	1	5	4	3	6
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	64·1	58·6	55·1	14·8	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	50·7	47·3	44·9	10·1	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	85·4	75·7	70·8	25·9	64	...	3·9	...	9·1	0	4	25	0	0	0	0	1	19	8	1	1
	1730	...	...	...	...	95·8	76·4	68·3	23·2	42	...	4·9	...	9·1	0	10	18	2	2	0	1	0	18	3	2	2
Bagra Tawa ...	0830	...	...	...	...	85·6	75·4	70·3	25·4	64	...	5·5	...	8·8	0	6	23	0	1	0	0	1	26	1	0	1
	1730	...	...	...	...	94·6	75·5	63·9	19·7	45	...	5·7	...	7·7	0	5	25	0	1	0	0	2	21	1	5	0
Thikri ...	0830	...	...	...	...	85·4	73·6	66·4	23·0	56	...	3·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	81·6	73·5	74·6	25·7	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	81·6	76·5	74·4	29·0	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	85·8	80·5	78·2	33·2	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(i) Mean of 22 days.

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G.M.T.)

JUNE 1952

ALLAHABAD (Sur. Pr. 987 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	96	306·3	313	299	291·3
1000	30	−28	...	...	...	...
900	30	921	302·3	312	295	288·0
850	29	1426	298·0	305	292	286·3
800	28	1957	293·7	299	289	283·8
700	28	3097	286·1	293	280	278·0
600	26	4374	277 2	283	266	271·3
500	24	5830	268·4	275	261	...
400	24	7555	259·5	267	246	...
300	22	9700	248·2	257	232	...
250	18	10993	239·8	250	220	...
200	17	12524	229·1	240	211	...
175	10	13446	223·6	233	215	...
150	8	14447	215·3	223	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (999 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	5	302·4	305	297	298·5
1000	30	−009	...	...	...	...
900	30	934	297·9	303	293	294·2
850	30	1433	295·6	304	290	289·2
800	30	1961	292·2	298	287	286·9
700	30	3096	285·0	291	279	278·9
600	30	4381	278·1	293	271	272·0
500	30	5831	269·6	283	262	...
400	28	7562	259·5	269	248	...
300	26	9696	247·3	257	233	...
250	18	10973	237·7	248	225	...
200	11	12528	227·9	236	218	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (974 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	218	308·8	312	301	292·7
1000	30	−20	...	...	...	...
900	30	936	304·3	309	299	290·5
850	30	1447	299·6	304	296	289·4
800	30	1979	294·8	299	290	287·0
700	30	3123	286·2	290	281	278·4
600	30	4398	276·3	281	268	270·1
500	30	5853	268·6	275	256	...
400	29	7581	259·0	268	243	...
300	24	9693	244·4	253	235	...
250	22	10953	234·6	244	225	...
200	22	12456	223·4	232	215	...
175	18	13297	216·2	225	209	...
150	12	14264	209·8	219	202	...
125	7	15374	204·0	213	192	...
100	6	16689	198·8	207	190	...
80	...	...	...	...	...	...

MADRAS (1002 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	15	302·5	304	299	298·4
1000	29	37	...	...	...	...
900	29	975	299·2	304	295	290·9
850	29	1477	296·4	302	293	288·8
800	29	2006	292·3	297	289	286·6
700	29	3141	284·8	296	281	280·3
600	29	4421	276·9	282	273	271·6
500	25	5886	269·6	273	264	...
400	24	7620	259·5	262	256	...
300	15	9745	246·2	255	239	...
250	9	11043	238·5	246	234	...
200	6	12565	227·1	235	222	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (965 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	307	305·3	311	299	292·4
1000	29	−015	...	...	...	...
900	29	924	301·8	308	296	291·0
850	29	1436	298·2	304	293	289·1
800	28	1971	294·1	300	289	287·1
700	28	3109	285·4	289	281	280·6
600	28	4386	276·7	281	269	274·2
500	28	5846	268·6	273	263	...
400	25	7577	260·0	265	256	...
300	19	9715	247·4	255	239	...
250	15	11012	238·5	247	231	...
200	8	12527	227·6	237	221	...
175	6	13418	221·0	230	215	...
150	6	14409	215·0	224	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (973 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	217	306·1	313	299	293·2
1000	30	−035	...	...	...	...
900	30	919	302·9	311	296	288·8
850	30	1422	299·6	306	292	286·1
800	30	1954	295·1	301	289	284·4
700	30	3097	286·6	290	281	279·0
600	30	4373	276·6	283	268	270·8
500	30	5825	267·2	278	256	...
400	29	7542	258·3	266	247	...
300	27	9663	245·9	255	236	...
250	23	10924	237·1	248	220	...
200	22	12479	227·5	239	217	...
175	20	13340	221·6	243	212	...
150	11	14390	217·9	229	208	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA
MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT
AT STANDARD PRESSURE SURFACES
(From Ascents at 15 hrs. G. M. T.)

JUNE 1952

	POONA (Sur. Pr. 943 mb.)						PORT BLAIR (999 mb.)						TRIVANDRUM (1002 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	29	557	298·5	301	295	293·9	26	79	300·0	301	297	297·0	30	64	299·1	301	298	296·7
1000	29	36	...	...	...	...	23	51	...	...	...	...	30	83	...	...	...	...
900	29	963	295·9	299	293	291·6	23	993	295·0	297	293	292·0	30	1008	294·1	297	292	291·6
850	29	1460	293·4	297	290	289·4	23	1488	292·0	295	291	290·0	30	1501	291·5	294	289	288·3
800	29	1984	290·8	295	287	286·6	21	1963	290·0	293	288	286·0	30	2022	288·5	292	283	284·7
700	29	3117	285·7	288	281	279·1	21	3143	284·0	288	282	280·0	30	3148	283·9	289	281	278·6
600	29	4397	278·2	282	274	272·6	17	4417	278·0	281	275	273·0	30	4423	277·6	280	273	271·8
500	24	5867	271·0	275	265	...	16	5882	271·0	273	267	...	30	5884	268·4	271	263	...
400	24	7609	261·8	265	257	...	16	7621	267·0	264	257	...	29	7611	259·0	263	254	...
300	23	9760	248·6	258	243	...	15	9836	249·0	253	241	...	28	9741	246·0	253	241	...
250	14	11062	240·0	247	234	...	12	11092	241·0	245	233	...	26	11027	236·4	247	231	...
200	8	12593	230·1	237	225	...	9	12637	231·0	236	224	...	19	12544	224·6	232	221	...
175	...	...	...	...	...	...	5	13498	225·0	231	217	...	13	13415	219·1	227	212	...
150	...	...	...	...	...	...	5	14513	218·0	226	208	...	7	14393	213·0	223	204	...
125	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	VERAVAL (1001 mb.)						VISAKHAPATNAM (995 mb.)					
Surface	29	8	302·3	303	301	300·3	27	48	303·1	306	301	298·6
1000	29	15	...	...	...	...	27	3	...	...	...	...
900	29	950	296·0	299	293	293·9	27	943	300·1	307	296	291·9
850	29	1447	294·4	299	289	289·2	27	1446	297·5	303	289	289·1
800	29	1975	293·0	298	289	284·4	27	1977	294·2	299	287	285·9
700	29	3117	286·5	291	282	278·8	27	3117	286 4	293	281	279·0
600	29	4400	278·8	283	273	272·3	27	4398	278·2	283	274	272·8
500	28	5874	271·2	275	269	...	27	5876	269·6	274	263	...
400	28	7619	262·1	265	259	...	25	7600	260·7	266	255	...
300	25	9768	248·1	253	241	...	21	9757	249·3	255	244	...
250	24	11074	239·7	248	233	...	20	10969	239·7	245	233	...
200	21	12609	229·7	237	223	...	18	12588	229·0	237	224	...
175	16	13479	222·7	225	218	...	18	13484	224·0	235	219	...
150	13	14483	215·4	221	211	...	18	14474	218·0	229	211	...
125	5	15689	212·2	217	210	...	7	15651	213·0	226	200	...
100	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...

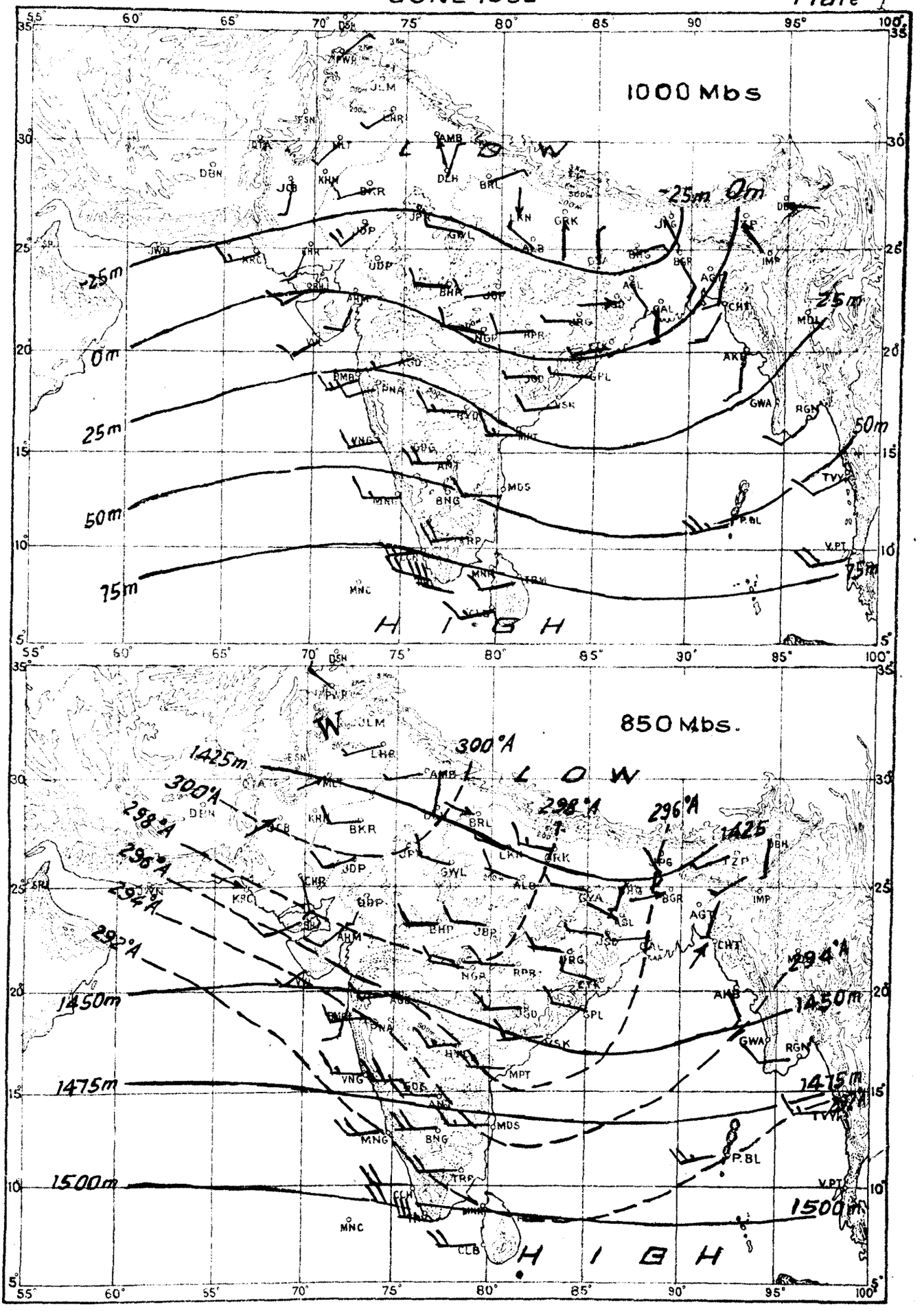
Note:— Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S$_1$—110 DDG Ob. Poona—9-14-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JUNE 1952

Plate I



RESULTANT WIND ——= 5 Knots, ——= 10 Knots, ——= 50 Knots.

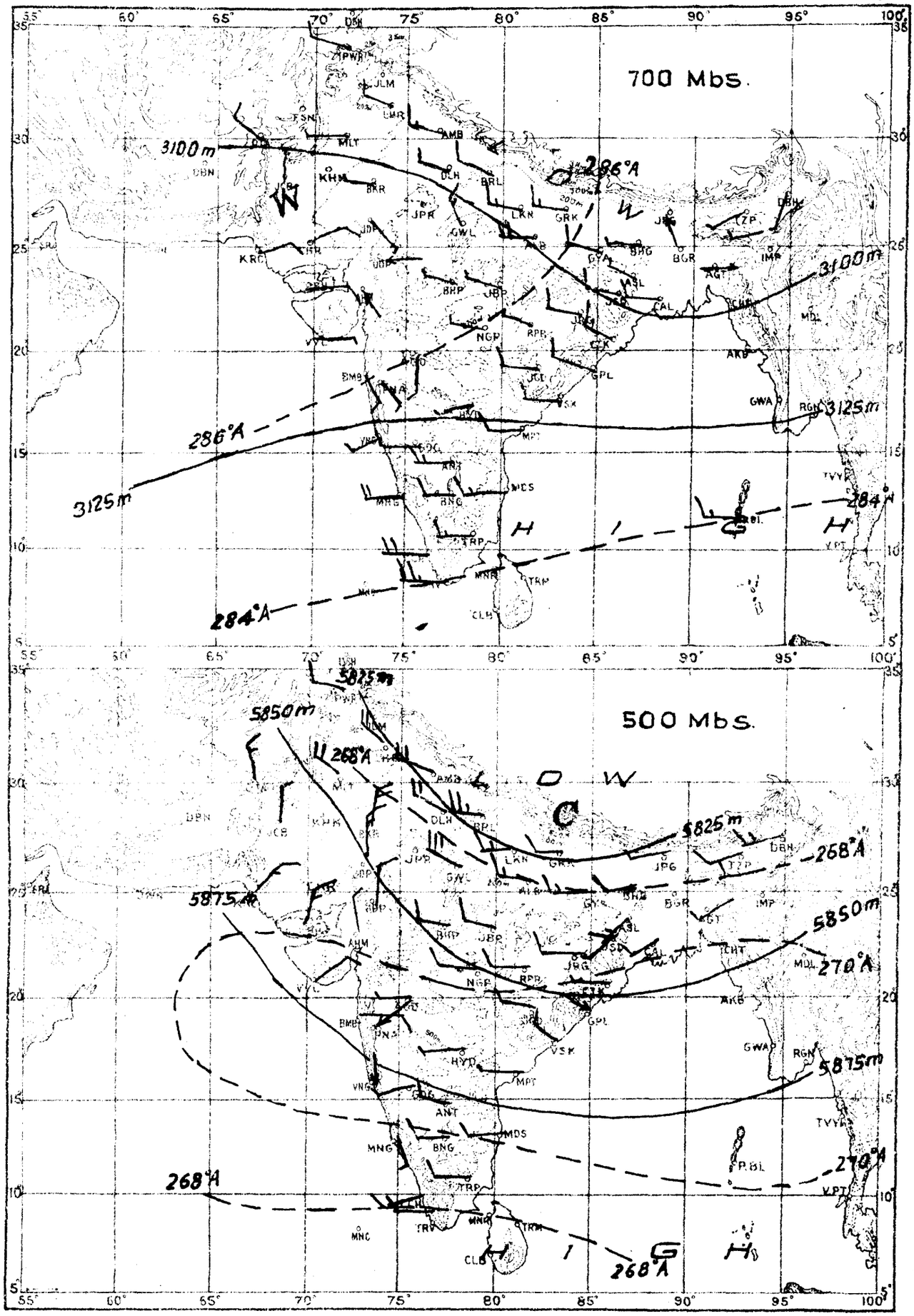
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P. POONA, 53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JUNE 1952

Plate II



RESULTANT WIND ——= 5 Knots, ——\= 10 Knots, ——◥= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

JULY

Published by authority of the Government of India

Summary: The chief features of the month were (i) the formation of a cyclonic storm in the Bay of Bengal during the first week of the month, (ii) a partial break, in the monsoon between the 10th and 13th, and (iii) a large excess of rainfall in Rajasthan, Gujarat and Saurashtra and Kutch.

The monsoon continued to be weak over the country outside northeast India for the first four days of the month. It then revived and strengthened along the west coast and in the central parts of the country under the influence of a cyclonic storm in the head of the Bay of Bengal.

The cyclonic storm formed on the 4th morning, and after crossing the coast near Contai, it lay as a deep depression centred about 50 miles north of Balasore by the same evening. Moving northwestwards through Chota Nagpur, northeast Madhya Pradesh, Vindhya Pradesh and north Madhya Bharat between the 5th, and 7th, it weakened further and lay as a shallow depression over northwest Uttar Pradesh on the 8th morning. By the next morning it had become unimportant.

In association with the above cyclonic storm the monsoon was active in the central parts of the country between the 4th and 7th, and in east Rajasthan and Gujarat between the 6th and 9th. It was also vigorous in Madhya Bharat between 6th and 8th. Bhaora, a town in Madhya Bharat, recorded 17″ of rain on the 9th. According to press reports the heavy rainfall in Madhya Bharat was responsible for floods and dislocation of communications.

The country suffered a partial break in the monsoon between the 10th and 13th, when the rainfall was confined to Assam, sub-Himalayan west Bengal, north Bihar and the Punjab-Kumaon hills. In Assam, the rainfall was exceptionally heavy in the Khasi hills, Cherrapunji recording 76″ between the 10th and 13th, with a heavy downpour of 32″ on the 11th. Due to this heavy rainfall, the river Brahmaputra and its tributaries rose in spate and caused heavy floods in several districts of the northern border of Assam Floods were also reported from Dharbhanga district in Bihar, where the rivers overflooded their banks and submerged several villages.

The monsoon again strengthened along the Konkan-Kanara coast on the 13th, and made a fresh advance into Deccan (Desh), south Madhya Pradesh and Uttar Pradesh by the 14th. Vigorous monsoon conditions prevailed in the Konkan between the 13th and 19th. During this period Bombay (Santacruz) recorded 22″ of rain within 48 hours ending at 0830 hrs. I.S.T. on the 17th.

A shallow depression, centred near Sandheads formed in the north Bay of Bengal on the 19th evening. Moving in a west northwesterly direction, it crossed the Orissa coast near Balasore on the 21st afternoon and was centred near Jharsuguda on the next morning. Thereafter it weakened and lay as a diffuse 'low' over Chota Nagpur and neighbourhood on the 23rd. Another 'low' appeared over southeast Rajasthan and the adjoining parts of Madhya Bharat by the 25th evening. It concentrated into a shallow depression the next morning with its centre about 100 miles westnorthwest of Gwalior, and weakening gradually became unimportant by the 27th evening. A second 'low' formed over Gangetic West Bengal and the neighbourhood on the 26th morning. It concentrated into a shallow depression centred near Chaibasa on the 27th morning, and moving westnorthwestwards across northeast Madhya Pradesh and Vindhya Pradesh, it lay over Madhya Bharat with its centre near Guna on the morning of the 30th.

Under the influence of the above disturbances the monsoon was active in the central parts of the country, east Rajasthan, Gujarat, the Konkan, Deccan (Desh) and north Hyderabad practically throughout the second half of the month. Local floods were reported from Gujarat during this period which caused much damage to railway communications.

Total rainfall for the month was in large excess in Rajasthan, Gujarat, and Saurashtra and Kutch and in slight excess in Madhya Bharat and north Hyderabad. It was normal in the Bay Islands. Assam, West Bengal, Chota Nagpur, Vindhya Pradesh, east Madhya Pradesh, Deccan (Desh) and Tamilnad; in slight defect in Orissa, west Madhya Pradesh, Konkan, the south Hyderabad and Mysore, in moderate defect in Bihar, Uttar Pradesh, the Punjab (I), coastal Andhradesa and Rayalaseema and Malabar-south Kanara and in large defect in Travancore-Cochin. Averaged over the plains of India, the rainfall was 8% in defect.

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The mean maximum temperature was normal in east Madhya Pradesh and normal elsewhere. The mean minimum temperature was normal all over the country.

The mean relative humidity in the morning was above normal in west Rajasthan and was normal in the remaining divisions.

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

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded withim the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA—5,
the 29th August 1953.

S. K. PRAMANIK
for *Director General of Observatories.*

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity %		Cloud	
					0830 hrs. I.S.T.	1730 hrs. I.S.T.	0830 hrs. I.S.T.	1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	17·18	109	88·8	77·2	88	80	6·3	5·3
	+1·41	...	− 0·2	0	+ 3	...	− 0·2	...
2 West Bengal ...	15·93	109	88·9	78·7	86	83	6·3	6·2
	+1·30	...	− 0·5	0	+ 2	...	− 0·1	...
3 Orissa ...	10·94	87	89·1	78·9	84	80	6·4	6·9
	−1·59	...	+ 0·9	+ 0·6	+ 2	...	+ 0·4	...
4 Bihar ...	10·90	85	89·3	78·2	82	77	6·1	6·2
	−1·94	...	+ 0·1	+ 0·4	0	...	− 0·1	...
5 Uttar Pradesh ...	7·83	64	92·3	79·1	80	70	5·1	5·0
	−4·49	...	0	0	+ 1	...	− 0·3	...
6 Punjab (I) (including PEPSU and Delhi) ...	4·73	61	97·2	80·1	75	57	3·9	4·3
	−2·98	...	+ 0·3	− 0·3	+ 1	...	− 0·3	...
7 Rajasthan ...	10·31	172	93·9	79·1	77	61	4·6	4·9
	+4·31	...	− 1·2	+ 0·1	+ 6	...	− 0·1	...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	15·92	113	87·9	75·6	84	74	6·3	6·4
	+1·89	...	− 0·4	+ 0·3	+ 2	...	0	...
9 Madhya Pradesh ...	13·01	90	88·2	74·9	82	71	6·7	7·1
	−1·46	...	+ 2·0	+ 0·7	0	...	+ 0·3	...
10 Bombay (including Saurashtra & Kutch) ...	15·45	111	87·6	75·5	84	72	6·3	6·5
	+1·58	...	+ 0·3	+ 0·1	+ 3	...	− 0·2	...
11 Hyderabad	6·72	99	89·0	73·8	77	53	6·6	7·0
	−0·08	...	+ 1·4	+ 1·5	− 1	...	+ 0·7	...
12 Madras (including Travancore-Cochin) ...	4·55	65	91·7	77·7	73	63	6·3	6·7
	−2·44	...	+ 0·3	+ 0·9	− 1	...	+ 0·5	...
13 Mysore ...	8·69	87	80·0	67·3	86	65	6·7	6·9
	−1·28	...	+ 0·6	+ 0·7	+ 1	...	− 0·3	...
Mean of India ...	10·73	97	90·1	76·9	80	69	5·9	6·2
	−0·33	...	+ 0·3	+ 0·3	+ 2	...	+ 0·1	...
Sub-Division								
1 Bay Islands ...	15·18	98	84·5	76·3	86	87	7·1	7·0
	−0·25	...	+ 0·7	+ 1·2	+ 2	...	+ 0·5	...
2 Assam (including Manipur and Tripura) ...	17·18	109	88·8	77·2	88	80	6·3	5·3
	+1·41	...	− 0·2	0	+ 3	...	− 0·2	...
3 West Bengal ...	15·93	109	88·9	78·7	86	83	6·3	6·2
	+1·30	...	− 0·5	0	+ 2	...	− 0·1	...
4 Orissa ...	10·94	87	89·1	78·9	84	80	6·4	6·9
	−1·59	...	+ 0·9	+ 0·6	+ 2	...	+ 0·4	...
5 Chota Nagpur ...	14·68	108	88·3	76·8	82	76	6·6	7·0
	+1·05	...	+ 0·4	+ 0·5	0	...	+ 0·2	...
6 Bihar ...	8·80	71	90·1	79·3	81	78	5·7	5·7
	−3·60	...	− 0·2	+ 0·3	0	...	− 0·3	...
7 Uttar Pradesh, East ...	7·14	57	92·1	79·8	81	71	5·1	5·0
	−5·38	...	0	+ 0·3	0	...	− 0·4	...
8 Uttar Pradesh, West ...	8·51	70	92·5	78·5	80	69	4·9	5·0
	−3·59	...	+ 0·1	− 0·3	+ 2	...	− 0·3	...
9 Punjab (I) (including PEPSU and Delhi) ...	4·73	61	97·2	80·1	75	57	3·9	4·3
	−2·98	...	+ 0·3	− 0·3	+ 1	...	− 0·3	...
10 Jammu and Kashmir ...			Data	incom	plete			
11 Rajasthan, West ...	4·89	158	98·9	81·4	76	55	3·5	4·0
	+1·79	...	− 0·3	+ 0·4	+ 8	...	− 0·4	...
12 Rajasthan, East (including Ajmer) ...	15·73	177	89·9	77·3	79	66	5·5	5·7
	+6·83	...	− 1·9	− 0·5	+ 4	...	+ 0·1	...
13 Madhya Bharat ...	15·83	119	87·4	75·0	84	72	6·5	6·8
	+2·55	...	− 0·7	− 0·2	+ 1	...	+ 0·2	...
14 Vindhya Pradesh ...	16·06	105	88·8	76·6	83	78	6·0	6·0
	+0·79	...	0	− 0·5	+ 3	...	− 0·4	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	14·42	93	87·2	75·1	82	75	6·8	7·2
	−0·95	...	+ 2·1	+ 1·3	− 1	...	+ 0·4	...
16 Madhya Pradesh, West ...	12·13	87	88·8	74·8	81	69	6·7	7·0
	−1·78	...	+ 1·9	+ 0·3	0	...	+ 0·3	...
17 Gujarat ...	17·63	185	89·4	77·4	87	76	6·4	6·3
	+8·10	...	+ 0·1	+ 0·3	+ 3	...	− 0·5	...
18 Saurashtra & Kutch ...	12·10	152	89·2	78·2	86	76	6·3	6·6
	+4·15	...	− 1·3	− 0·5	+ 5	...	+ 0·1	...
19 Konkan ...	26·96	87	84·6	77·1	87	83	6·4	6·5
	−4·00	...	+ 0·4	+ 0·6	+ 2	...	− 0·8	...
20 Deccan (Desh) ...	11·99	97	86·7	71·7	79	65	6·3	6·6
	−0·35	...	+ 1·4	+ 0·3	+ 1	...	0	...
21 Hyderabad, North ...	8·28	112	86·9	71·5	84	63	6·7	7·7
	+0·89	...	+ 1·5	+ 1·0	+ 3	...	+ 0·3	...
22 Hyderabad, South ...	5·56	87	90·4	75·0	74	48	6·6	6·7
	−0·81	...	+ 1·3	+ 1·7	− 3	...	+ 0·8	...
23 Coastal Andhradesa ...	3·12	62	93·3	80·2	73	63	6·4	6·6
	−1·95	...	+ 1·0	+ 1·4	− 3	...	+ 0·1	...
24 Rayalaseema ...	1·82	57	92·7	75·4	70	56	6·4	6·7
	−1·36	...	+ 0·1	− 0·7	+ 3	...	+ 0·3	...
25 Tamilnad ...	2·42	110	93·6	78·3	67	55	5·7	6·5
	+0·22	...	− 0·2	+ 1·2	− 1	...	+ 0·8	...
26 Malabar & South Kanara ...	22·41	63	84·3	74·6	91	86	7·5	7·5
	−13·27	...	+ 1·3	+ 0·4	0	...	+ 0·5	...
27 Mysore ...	8·69	87	80·0	67·3	86	65	6·7	6·9
	−1·28	...	+ 0·6	+ 0·7	+ 1	...	− 0·3	...
28 Travancore-Cochin ...	7·05	45	88·9	74·9	89	90	7·3	6·8
	−8·49	...	+ 0·4	+ 0·7	+ 1	...	+ 0·6	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JULY 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	102·5	+0·4	110	18,19	82·8	+0·3	71	2	0	3·55	+1·35	1·72	28	5	+0·7	7·4	4·9	-2·5	5	0	0	0	0	7	0	0	0	0
Bikaner ...	102·1	+0·8	109	8	82·7	+0·3	77	31	0·93	1·80	-1·54	0·48	21	5	+0·1	10·2	7·0	0	9	0	0	1	0	0	0	0	0	0
Jaisalmer ...	99·2	...	105	6,8	79·8	...	73	19	1·52	2·67	...	1·57	21	5	...	16·7	15·0	...	8	0	0	0	0	0	0	0	0	0
Jodhpur ...	94·6	-2·3	103	6,7	80·1	-0·1	75	19,31	2·46	10·58	+6·61	4·17	19	11	+5·5	8·8	7·8	-4·3	13	0	0	13	0	0	4	2	1	0
Phalodi ...	96·2	...	107	8	80·5	...	75	17,24	1·40	4·50	+1·79	13·2	17	5	+1·2	15·4	14·2	...	7	0	0	2	0	0	0	0	0	0
Barmer ...	96·6	+0·1	105	7	79·9	+1·0	76	31	0·99	4·00	+0·75	0·92	31	9	+5·0	7·9	8·2	+1·0	14	0	0	6	0	3	0	0	0	0
Rajasthan, East																												
Sikar ...	92·8	...	102	7	77·9	...	72	20	4·42	5·93	...	1·45	23	10	...	9·2	6·7	...	15	0	0	0	0	0	0	0	0	0
Jaipur ...	94·0	-0·2	101	6	78·9	+0·7	76	27,31	2·91	4·57	-3·17	0·83	25	12	+1·7	8·0	6·1	+1·1	13	0	0	12	0	1	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	92·7	...	99	16	79·2	...	76	19,30	2·54	4·05	...	1·20	28	9	...	11·5	9·3	...	15	0	0	12	0	0	0	0	0	0
Ajmer ...	90·4	-1·3	98	6	76·7	-1·7	72	30	9·44	14·42	+8·01	2·95	20	16	+7·1	8·1	6·4	+0·4	19	0	0	12	0	0	0	0	0	0
Kotah ...	90·7	-3·2	99	4	79·4	-0·5	75	27,30	2·17	18·19	+8·05	3·59	8	14	+3·9	7·6	5·7	+1·7	16	0	0	7	0	0	0	0	0	0
Jhalawar ...	88·9	-1·1	97	4	76·9	-0·2	73	8	8·41	22·62	+10·94	5·40	25	12	-1·5	8·5	6·7	+1·3	14	0	0	2	0	0	0	0	0	0
Udaipur ...	85·6	-3·6	96	6	74·6	-1·2	70	18	7·93	18·83	+10·30	2·42	31	15	+4·6	5·3	4·4	...	19	0	0	7	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	90·9	-2·2	97	4,14, 15	79·3	-0·6	76	4 days	7·37	10·72	-1·03	1·85	19	16	+1·2	7·8	5·9	...	20	0	0	13	0	0	0	0	0	0
Shoopur Kalan ...	91·3	...	98	4	78·1	...	75	6,8,27	2·53	5·96	...	1·45	25	12	...	5·8	4·5	...	14	0	0	1	0	0	0	0	0	0
Guna ...	87·1	-0·9	96	4	74·9	-0·3	71	23	7·34	17·07	+2·72	3·97	23	14	-1·5	9·9	7·4	+0·5	16	0	0	8	0	0	0	0	0	0
Neemuch ...	86·3	-1·7	95	4,5,6	74·9	+0·3	72	4days	16·51	31·87	+22·40	4·97	30	15	+4·4	10·4	8·8	0	20	0	0	10	0	0	0	0	0	0
Ratlam ...	85·1	...	94	6.17	73·8	...	69	28	10·01	27·34	...	9·67	30	17	...	14·9	8·0	...	19	0	0	1	0	0	0	0	0	0
Indore ...	85·7	-0·2	95	17	72·6	+0·1	70	6days	3·41	9·25	-1·87	2·05	30	13	-0·3	15·0	12·8	+0·3	19	0	0	4	0	0	0	0	0	0
Bhopal (Bairagarh) ...	87·2	+1·6	95	4,5,14	73·5	-0·6	69	31	4·48	10·25	-9·48	3·21	7	12	-4·4	15·8	13·2	+3·2	16	0	0	9	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	89·8	-1·2	97	15	72·2	-1·4	73	20	4·44	11·25	+2 56	2·79	22	15	+0·9	6·6	4·4 (c)	+1·3	20	0	0	9	0	0	0	0	0	0
Sutna ...	89·1	+0·3	95	15,17, 18	77·3	-0·1	74	21,30	4·22	11·70	-2·55	2·96	6	12	-3·4	...	4·7	-0·4	16	0	0	0	0	0	0	0	0	0
Umaria ...	87·4	+0·9	94	16,17, 20	75·2	0	71	31	7·15	25·22	+7·47	14·51	29	14	-6·1	4·4	3·1	-0·7	18	0	0	9	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	88·8	...	98	3,4	76·1	...	71	7	5·61	12·52	...	2·31	6	15	...	5·7	4·2	...	17	0	0	1	0	0	0	0	0	0
Pendra ...	84·8	+1·3	94	13	73·6	+1·2	69	30	5·99	13·31	-1·40	2·36	18	17	-1·9	7·1	5·0	+0·5	22	0	0	8	0	0	0	0	0	0
Raigarh ...	89·8	...	98	5days	77·4	...	74	18,29, 30	6·15	26·14	...	7·04	28	18	...	4·9	4·9	...	20	0	0	0	0	0	0	0	0	0
Ambikapur ...	86·1	...	94	13	74·4	...	71	5,24, 30	8·09	19·53	...	4·08	6	10	...	7·9	6·0	...	17	0	0	0	0	0	0	0	0	0
Champa ...	90·2	...	100	11,13	77·5	...	74	4days	3·57	17·45	...	5·59	28	18	...	7·8	6·4	...	18	0	0	9	0	1	0	0	0	0
Raipur ...	89·4	+2·7	100	3	76·3	+1·3	71	29,30, 31	2·95	11·94	-3·05	3·77	21	14	-2·0	8·4	8·3	-0·4	16	0	0	5	0	0	0	0	0	0
Kanker ...	86·1	+2·1	95	3,13	75·5	+1·6	71	29,31	3·66	17·02	+1·30	4·20	20	15	-2·9	9·4	6·9	+0·9	20	0	0	3	0	0	0	0	0	0
Chanda ...	90·9	+2·5	99	3,4	77·3	+1·5	73	7,29	2·98	8·21	-8·10	1·59	17	13	-3·9	8·8	5·8	+0·6	16	0	0	6	0	0	0	0	0	0
Sironcha ...	91·9	...	100	3,11,14	78·7	...	74	29	3·13	11·03	...	1·98	18	16	...	6·1	3·8	...	21	0	0	3	0	3	0	0	0	0
Jagdalpur (P.B.O.) ...	84·6	+1·7	94	10	72·6	+0·7	69	28,29, 30	10·35	21·63	+6·50	5·08	24	21	+1·6	7·0	4·8	...	24	0	0	5	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	86·1	...	94	14	71·8	...	69	8,29	1·62	5·50	...	1·18	22	12	...	11·0	10·0	...	14	0	0	1	0	0	0	0	0	0
Akola ...	92·1	+3·0	100	13	75·6	+0·8	70	29	1·75	8·13	-1·66	1·48	14	14	+1·6	12·2	9·7	+2·8	20	0	0	7	0	0	0	0	0	0
Amravati ...	90·2	+2·7	99	4,13	75·1	+1·1	70	30	1·71	6·09	-3·32	0·91	20	10	-2·8	14·0	10·7	+3·1	18	0	0	7	0	0	0	0	0	0
Yeotmal ...	88·0	...	97	3,4	72·8	...	68	29	2·98	11·29	...	1·88	5	16	...	14·2	12·4	...	18	0	0	0	0	0	0	0	0	0
Khandwa ...	91·3	+3·4	99	14,16	75·5	+0·2	70	29	1·74	9·47	-0·19	2·39	18	11	-1·1	13·4	10·6	+3·2	15	0	0	1	0	0	0	0	0	0
Hoshangabad ...	88·4	+2·3	97	4	74·6	-0·5	70	31	5·03	15·73	-0·98	3·35	29	17	+1·3	5·4	4·4	+0·8	19	0	0	5	0	0	0	0	0	0
Sagar ...	84·8	-1·1	93	4,5,16	74·3	+0·4	70	31	9·51	17·26	+1·65	3·76	7	15	-1·5	15·8	12·6	0	20	0	0	12	0	0	0	0	0	0
Jabalpur ...	87·3	+0·9	96	5 days	75·3	+0·6	71	30,31	5·83	20·96	+1·58	4·05	20	17	-1·1	7·2	5·4	+2·0	22	0	0	4	0	0	0	0	0	0
Mandla ...	87·0	...	95	12,13, 14	74·1	...	70	30,31	5·66	17·13	...	2·05	17	18	...	5·9	3·8	...	20	0	0	8	0	0	0	0	0	0
Seoni ...	85·8	+1·7	96	14	72·4	+0·1	69	29,30, 31	2·45	9·22	-7·02	1·51	29	17	-1·3	7·8	4·9	+0·4	21	0	0	4	0	0	0	0	0	0
Chhindwara ...	84·7	...	94	13,14	72·4	...	68	30,31	1·72	5·82	...	1·06	29	12	...	9·6	7·1	...	18	0	0	1	0	0	0	0	0	0
Betul ...	83·8	...	91	4,14	71·8	...	69	28,29, 30	2·81	13·90	...	2·59	25	15	...	8·2	6·2	...	22	0	0	3	0	0	0	1	0	0
Nagpur ...	90·5	+2·2	102	13	75·5	0	71	31	2·44	10·28	-4·32	2·37	22	17	+0·5	10·3	7·7	...	23	0	0	4	0	0	0	0	0	0

(c) Mean of 28 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	91·0	...	100	6,7	77·5	...	74	26,27	6·85	16·55	...	6·00	26	13	...	...	...	...	16	0	0	3	0	0	0	0	0	0
Surat ...	87·8	+0·6	93	5,6	78·7	+0·9	75	15,25, 29	4·33	11·04	+ 6·38	2·19	25	16	−0·3	9·4	8·4	+1·1	22	0	0	0	0	0	0	0	0	0
Ahmedabad ...	91·7	−1·4	101	3	78·0	−0·2	73	28	8·91	20·21	+ 7·99	5·87	26	17	+4·4	6·8	6·6	−0·4	20	0	0	2	0	0	0	0	0	0
Dohad ...	87·2	0	96	17	75·1	−0·3	70	28	10·42	21·37	+12·35	5·73	31	16	+3·0	17·1	18·1	+9·1	19	0	0	5	0	0	0	0	0	0
Baroda ...	90·9	+1·1	99	4 days	77·8	+0·2	71	28	6·31	17·91	+ 5·68	4·13	25	13	+0·3	6·4	5·8	+0·2	18	0	0	1	0	0	0	0	0	0
Baroda (Aerodrome) ...	90·5	...	98	6	78·3	...	72	28	6·16	17·05	...	3·81	25	11	...	9·6	9·2	...	16	0	0	0	0	0	0	0	0	0
Broach ...	89·2	...	95	6 days	78·5	...	74	29	6·67	16·70	...	5·22	18	14	...	8·4	7·2	...	16	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	89·0	−1·8	98	18	78·8	+0·7	74	21	6·06	10·75	+ 4·42	5·03	21	9	+3·0	13·4	13·0	+0·3	12	0	0	3	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	6·06	10·75	...	5·03	21	9	...	10·3	9·1	...	12	0	0	3	0	0	0	0	0	0
Dwarka ...	85·2	−1·5	90	4,5,7	79·3	−1·4	72	27	7·22	13·82	+ 6·87	5·59	24	7	+1·0	19·0	19·2	+4·3	16	0	0	0	0	0	0	0	0	0
Jamnagar ...	89·7	−0·9	96	4 days	78·2	−1·4	74	21	8·46	21·39	+12·46	4·62	21	12	+4·1	...	...	...	18	0	0	2	0	0	0	2	0	0
Rajkot ...	90·1	−1·1	99	18	76·8	+0·3	74	18,24, 27	6·50	17·25	+ 6·57	6·08	18	12	+1·5	21·6	19·0	+7·0	14	0	0	3	0	0	0	2	0	0
Rajkot (Aerodrome) ...	90·4	...	99	18	77·0	...	74	24,27	...	17·69	...	6·96	18	13	...	...	20·6	...	15	0	0	2	0	0	0	1	0	0
Veraval ...	84·7	...	88	12 days	78·2	...	72	24	2·51	3·62	− 4·16	1·57	9	7	−2·2	21·3	21·4	+8·5	20	0	0	0	0	0	0	0	0	0
Bhavnagar ...	91·8	−1·1	101	4,6,7	78·0	−0·4	75	9,27,29	3·13	5·76	− 1·25	1·13	12	11	+1·7	11·8	10·2	+2·8	16	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	92·5	...	101	6	77·9	...	74	23	...	7·53	...	1·08	12	14	...	...	19·0	...	17	0	0	0	0	0	0	5	0	0
Konkan																												
Dahanu ...	85·5	...	89	1,2,14	77·7	...	73	15,31	8·45	37·05	...	10·67	17	18	...	20·8	18·9	...	26	0	0	0	0	0	0	1	0	0
Bombay-(Colaba) ...	86·2	+0·7	91	13	78·2	+1·5	75	6 days	11·57	27·51	+ 3·24	5·14	18	18	−4·1	12·6	11·9	+0·3	26	0	0	1	0	0	0	0	9	0
Bombay-(Santa Cruz Arodrome) ...	85·9	+0·4	89	10 days	77·4	+0·7	73	15	15·10	46·87	+22·60	12·15	17	21	−1·1	12·7	11·1	...	28	0	0	2	0	0	0	0	14	0
Alibag ...	84·9	+0·5	88	5,14	77·8	+0·2	73	22	...	27·93	+ 4·49	5·71	17	19	−4·3	...	17·8	+0·1	27	0	0	2	0	0	0	2	0	0
Harnai ...	83·3	...	86	12	77·5	...	73	14	15·18	39·33	...	7·51	17	26	...	14·9	15·2	...	28	0	0	0	0	0	0	0	0	0
Ratnagiri ...	84·7	...	88	4 days	76·8	...	74	4 days	7·11	23·15	...	5·78	17	26	...	...	...	...	30	0	0	0	0	0	0	0	0	0
Devgad ...	84·3	...	89	10,12	77·1	...	74	16	5·71	30·00	...	2·44	16	25	...	19·1	19·1	...	26	0	0	0	0	0	0	0	0	0
Vengurla ...	84·3	...	88	9	75·7	...	72	18	14·77	34·72	...	5·13	23	26	...	...	...	...	30	0	0	0	0	0	0	0	0	0
Marmagao ...	82·7	+0·1	86	11,12	75·4	+0·2	72	14,22	9·15	20·76	−10·53	2·38	23	21	−2·6	13·4	13·2	+3·3	28	0	0	0	0	0	0	0	0	0
Honavar ...	84·0	...	88	1	74·7	...	72	17	9·97	31·64	−13·20	3·43	4	29	+0·7	4·8	4·2	...	30	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	65·46	−2·96	8·00	25	30	0	...	...	...	31	...	...	...	...	...	...	...	...	...
Malgaon ...	92·3	...	101	14	75·8	...	71	29	4·86	7·51	−2·00	1·58	4	14	−0·3	18·9	13·0	...	20	0	0	0	0	0	0	0	0	0
Malegaon ...	89·3	+1·1	98	14	73·6	+0·1	71	7,25,26	3·17	5·31	+0·89	2·25	25	8	+0·6	10·4	8·5	−1·1	11	0	0	1	0	0	0	0	0	0
Deolali ...	82·1	...	90	13	71·4	...	70	15,22, 25	...	12·55	...	6·18	25	13	...	...	12·6	...	21	0	0	1	0	0	0	0	0	0
Ahmednagar ...	86·6	+1·3	93	5,13	71·4	+0·8	68	8,10	0·66	1·38	−2·40	0·46	25	4	−2·8	10·8	8·0	−1·7	11	0	0	0	0	0	0	0	0	0
Poona ...	83·0	+0·5	91	14	71·8	+0·1	69	21	2·51	7·07	+0·51	1·32	25	14	+1·3	6·7	4·7	−5·5	22	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	83·6	...	91	12,14	70·7	...	68	10	5·13	10·27	...	2·42	21	11	...	...	...	...	21	0	0	1	0	0	0	0	0	0
Satara ...	90·8	...	97	11	71·9	...	67	8	0·69	1·47	...	0·41	15	6	...	18·0	13·7	...	8	0	0	0	0	0	0	0	0	0
Sholapur ...	91·4	+2·2	98	8	72·5	+0·4	69	19	1·29	4·35	+0·17	1·44	17	6	−1·7	13·0	10·3	+0·2	9	0	0	3	0	0	0	0	0	0
Miraj ...	84·3	+2·5	93	11	71·6	+0·8	69	17	1·76	3·50	−0·63	0·62	26	13	+3·9	16·9	12·2	+1·7	16	0	0	0	0	0	0	0	0	0
Kolhapur ...	80·3	...	89	13	70·9	...	69	17,18, 22	4·46	12·53	...	2·55	23	15	...	16·2	12·9	...	23	0	0	1	0	0	0	0	0	0
Bijapur ...	87·6	+1·0	95	5	71·6	+0·7	69	17,18,	1·05	1·67	−0·70	0·50	14	5	+0·7	12·4	10·3	+0·9	8	0	0	0	0	0	0	0	0	0
Belgaum ...	...	...	...	...	...	...	...	...	6·74	21·09	+3·99	3·08	25	18	−4·1	...	...	...	20	...	...	...	...	...	...	...	...	...
Gadag ...	84·2	+1·1	92	11	69·8	−0·2	68	18	1·82	2·53	−0·36	0·49	4	10	+3·1	15·5	12·7	+0·4	17	0	0	2	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	86·5	+0·5	95	13,14	71·6	+0·7	69	25,26	3·09	7·10	+0·36	1·27	14	13	+1·7	15·4	12·8	+1·8	17	0	0	2	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	86·8	...	95	14	71·4	...	69	8,14	3·55	8·30	...	2·68	14	13	...	15·0	12·3	...	20	0	0	3	0	0	0	0	0	0
Parbhani ...	91·0	...	99	12	73·8	...	71	5,15,29	3·60	8·45	+1·13	2·80	5	12	+0·9	...	...	...	20	0	0	4	0	0	0	0	0	0
Ramagundam ...	93·0	...	102	9	77·8	...	74	17	0	5·28	...	1·07	20	14	...	5·3	4·9	...	15	0	0	0	0	0	0	0	0	0
Nizamabad ...	90·5	+2·3	100	12	73·7	−0·2	68	29	2·53	6·42	−3·73	1·66	19	13	−2·0	9·2	5·7	+0·3	17	0	0	3	0	0	0	0	0	0
Bidar ...	87·2	+2·4	95	9,12	71·3	+1·3	69	6 days	1·02	9·28	+1 1[illegible]	4·62	17	11	−0·6	16·2	14·8	+1·0	19	0	0	0	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Hyderabad, South																												
Gulbarga ...	90·2	+0·8	97	8,9,12	73·1	+1·1	71	7 days	2·80	7·81	+2·15	2·92	17	8	-1·1	17·1	14·1	+3·5	12	0	0	1	0	0	0	0	0	
Raichur ...	91·5	+1·2	98	9,12	74·6	+1·7	71	17	0·27	1·72	-2·98	0·61	21	4	-4·4	16·5	14·7	+5·1	7	0	0	2	0	0	0	0	0	
Hyderabad (Nizamiah) ...	89·4	+2·0	98	9	74·3	+1·8	70	16	1·79	5·23	-0·76	1·50	16	10	-1·1	14·2	13·0	+2·9	15	0	0	3	0	0	0	0	2	
Hyderabad (Begumpet Aerodrome) ...	89·1	...	96	4 days	73·7	...	70	16	1·18	4·83	...	1·57	16	10	...	...	...	...	13	0	0	2	0	0	0	0	0	
Hanamkonda ...	...	...	...	...	78·1	+2·4	73	29	2·24	7·48	-1·66	1·78	17	12	-1·4	12·4	10·2	+3·5	17	0	0	4	0	0	0	0	0	
Khammameth ...	94·7	...	103	8,9	79·3	...	75	5days	0·19	4·01	...	2·10	14	8	...	9·0	6·8	...	10	0	0	2	0	0	0	0	0	
Coastal Andhradesa.																												
Nellore ...	97·4	+0·5	103	10	82·1	+2·2	75	17	0·09	0·29	-2·46	0·14	17	1	-4·5	8·8	6·4	+0·6	3	0	0	0	0	0	0	0	0	
Ongole ...	95·8	...	104	9	81·7	...	71	17	2·05	4·21	...	1·93	14	3	...	11·0	7·9	...	6	0	0	1	0	0	0	0	0	
Gannavaram ...	94·6	...	103	9	80·2	...	75	17,20, 22	0·54	2·19	...	0·55	17	9	...	16·6	12·0	...	13	0	0	3	0	0	0	0	0	
Masulipatam ...	93·5	+1·1	103	9,10	80·1	+2·0	76	17,20	1·01	2·17	-4·22	1·00	10	4	-6·7	13·2	9·2	+2·6	10	0	0	3	0	0	0	0	0	
Kakinada ...	91·9	+1·6	102	15	79·5	+1·1	75	22	1·09	3·53	-3·02	0·50	6	11	-0·1	9·1	7·9	+2·1	18	0	0	0	0	0	0	0	0	
Visakhapatnam ...	91·3	-0·2	98	1	79·7	+1·0	75	8,27	2·72	4·38	-0·04	1·49	8	9	+0·5	11·8	8·4	+1·1	15	0	0	7	0	0	0	0	0	
Calingapatam ...	89·4	-0·4	101	1	78·9	0	74	15	1·12	4·76	-0·78	1·60	15	8	-0·6	10·2	9·0	+1·5	11	0	0	2	0	0	0	0	0	
Rentachintala ...	96·4	+3·3	105	9	80·8	+2·1	74	17	1·68	3·59	-1·21	2·75	17	4	-5·0	11·5	9·3	-0·1	6	0	0	4	0	0	0	0	0	
Rayalaseema																												
Arogyavaram ...	87·0	...	93	9	71·0 (a)	...	62	19	0·48	1·30	...	0·39	12	4	...	15·1	10·2	...	5	0	0	1	0	0	0	0	0	
Cuddapah ...	96·4	+0·8	102	10	75·1	-3·0	...	...	1·30	1·45	-2·62	0·82	17	2	-4·7	5·6	4·0	-3·4	4	0	0	0	0	0	0	0	0	
Bellary ...	90·0	-0·6	97	9	76·1	+1·1	73	12	0·05	0·57	-1·04	0·18	12	3	-0·4	12·4	10·9	+2·4	5	0	0	0	0	0	0	0	0	
Kurnool ...	91·7	+0·1	98	8,9	74·9	-0·2	71	13,21	1·28	3·78	-0·64	1·09	23	7	-2·3	16·2	14·0	+3·6	7	0	0	0	0	0	0	0	0	
Anantapur ...	92·3	...	98	8,9	75·7	...	72	2	0·40	1·49	-1·14	0·57	12	5	+1·1	15·4	13·2	...	8	0	0	1	0	0	0	0	0	
Tamilnad.																												
Palayamcottai ...	94·9	...	98	10	80·7	...	78	19,23, 26	0	0	-0·33	0	...	0	-0·6	15·3	12·7	...	0	0	0	0	0	0	0	0	0	
Pamban ...	88·3	-1·0	94	9	80·0	+0·7	76	12	0·35	0·81	+0·35	0·35	12	3	+2·2	9·3	8·1	-1·4	4	0	0	0	0	0	0	0	0	
Mathurai ...	98·1	+2·2	103	5,8,9	78·6	+1·3	72	11	0·06	0·99	-0·96	0·76	11	2	-0·7	6·7	5·0	+0·1	4	0	0	0	0	0	0	0	0	
Nagapattinam ...	95·3	-0·7	102	1,2	79·1	+0·2	74	10,11	0·39	3·10	+1·40	0·95	9,11	6	+3·1	8·1	6·5	+0·5	8	0	0	2	0	0	0	0	0	
Tiruchirapalli ...	95·1	-2·6	102	9	79·0	+0·7	73	12	1·40	5·45	+4·10	2·45	12	5	+2·9	23·0	19·8	+1·1	5	0	0	2	0	0	0	0	0	
Coimbatore ...	84·4	-2·3	89	10	72·4	+1·4	69	12	0·45	1·40	-0·25	0·69	12	4	-0·7	13·8	11·5	+4·9	7	0	0	1	0	0	0	0	0	
Coimbatore (Peelamedu Aerodrome) ...	87·2	...	92	9,10	71·8	...	69	12,26	0·34	1·21	...	0·85	12	2	...	24·3	20·8	...	7	0	0	3	0	0	0	0	0	
Salem ...	93·0	0	101	9	75·4	+1·4	71	12	2·47	7·46	+3·67	4·94	12	7	-0·1	6·3	6·2	+2·0	11	0	0	4	0	0	0	0	0	
Kallakurichi ...	96·3	...	104	9	78·3	...	74	11,12	1·15	2·56	...	0·83	11	7	...	...	...	...	9	0	0	3	0	0	0	0	0	
Cuddalore ...	96·9	+0·9	101	2,5,30	79·7	+1·1	75	11,12	0·73	2·40	-0·20	0·84	12	6	+0·7	9·6	6·9	+2·3	8	0	0	0	0	0	0	0	0	
Vellore ...	95·5	+1·4	101	7,8,9	79·1	+2·4	76	4days	1·10	1·63	-2·92	0·89	12	3	-3·3	8·8	6·8	+1·8	7	0	0	2	0	0	0	0	0	
Madras ...	96·2	-0·1	101	30	80·8	+1·5	75	4,18	0·35	0·93	-2·67	0·35	18	3	-3·8	13·5	10·6	+0·8	12	0	0	3	0	0	0	0	0	
Madras (Nungambakkam) ...	95·9	...	100	1,26,29	80·5	...	75	18	...	1·63	...	0·72	29	5	...	...	5·1	...	8	0	0	0	0	0	0	0	0	
Malabar & South Kanara																												
Mangalore ...	84·1	+0·5	87	2	74·9	+0·6	72	4	9·05	27·18	-11·72	3·12	24	29	+1·5	5·5	5·4	-0·2	31	0	0	1	0	0	0	0	0	
Kozhikode ...	84·4	+2·0	88	22	74·3	+0·2	72	3,13	5·10	17·64	-14·82	2·47	27	28	+1·5	6·3	5·5	+0·7	30	0	0	1	0	0	0	0	0	
Palghat ...	83·5	...	87	6,9,10	73·5	...	70	28	9·26	21·58	...	2·96	29	22	...	9·6	7·9	...	27	0	0	5	0	0	0	0	0	
Mysore.																												
Chitaldrug ...	84·1	+1·5	91	11,12	69·8	+0·9	67	17	1·30	2·27	-0·60	0·30	12,24	9	+0·8	11·3	10·0	+1·8	14	0	0	1	0	0	0	0	0	
Shimoga ...	82·4	...	89	11	70·5	...	69	4days	1·64	4·23	...	0·70	12	13	...	7·4	5·1	...	22	0	0	1	0	0	0	0	0	
Hassan ...	77·6	0	84	7,10	66·2	+0·6	65	4days	2·77	5·29	-0·51	1·44	11	12	-1·2	13·4 (b)	10·1 (b)	+3·1	16	0	0	1	0	0	0	0	0	
Bangalore (Central Observatory) ...	82·6	+1·2	89	7,9	66·9	+1·2	65	5days	1·10	4·90	+0·97	3·51	12	5	-3·0	15·9	11·8	+3·4	12	0	0	3	0	0	0	0	0	
Bangalore (Aerodrome) ...	84·2	...	90	9	67·1	...	65	26	2·42	4·18	...	2·61	12	5	...	...	...	...	9	0	0	5	0	0	0	0	0	
Mysore ...	82·5	+0·3	90	7,9	67·9	+0·7	66	12	0·94	3·39	+0·61	2·14	12	5	-2·3	11·7	8·8	-0·1	13	0	0	1	0	0	0	0	0	
Balehonnur ...	73·0	-0·1	79	11,12	65·5	+0·1	64	4days	...	27·72	-6·87	7·46	24	28	-0·3	...	...	...	31	0	0	0	0	0	0	0	0	
Travancore-Cochin																												
Fort Cochin ...	83·0	+0·4	85	9days	75·7	+1·0	72	13	2·64	10·87	-12·41	2·06	5	20	-4·2	8·2	6·8	+1·5	20	0	0	0	0	0	0	0	0	
Cochin (Willingdon Island Aerodrome) ...	84·4	...	87	21,22	75·4	...	71	13	3·54	12·67	...	1·59	4	21	...	5·8	3·9	...	21	0	0	0	0	0	0	0	0	
Alleppey ...	84·9	...	88	27,28	74·6	...	71	13	2·19	9·63	...	1·20	12	20	...	8·4	7·2	...	25	0	0	0	0	0	0	0	0	
Trivandrum ...	84·9	+0·4	87	10,23	74·1	+0·3	72	6,13	·08	3·22	-4·55	0·62	29	12	-2·3	10·1	7·2	+0·8	21	0	0	0	0	0	0	0	0	
Nagercoil ...	87·7	...	90	10,16, 24	76·3	...	73	13,19	0·08	0·29	...	0·10	28	1	...	12·8	10·4	...	16	0	0	0	0	0	0	0	0	

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

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	77·3	...	82	21,27, 28	66·7	...	64	29	9·80	14·44	...	2·16	27	22	...	5·5	6·0	...	30	0	0	8	9	0	0	0	0	0
Shillong ...	75·3	0	80	5	64·5	−0·1	62	4 days	11·13	26·99	+13·34	8·10	11	21	+2·8	2·0	1·3	−0·9	25	0	0	9	0	0	0	0	0	0
Cherrapunji ...	72·1	−0·2	78	20	64·5	−0·8	61	13,14	26·08	131·38	+35·04	32·40	11	27	−0·5	9·0	7·9	+2·6	29	0	0	13	23	0	0	0	0	0
Darjiling ...	67·0	+1·3	74	21	58·4	+0·4	55	17	4·81	27·20	−5·72	3·38	29	27	+1·4	6·3	6·5	+3·0	30	0	0	6	27	0	0	0	0	0
Darjiling (Raj Bhawan) ...	68·3	...	75	21	59·9	...	56	17	3·42	25·93	...	3·49	29	28	...	1·9	1·9	...	30	0	0	0	31	0	0	0	0	0
Kalimpong ...	74·9	−0·4	81	21	67·8	+0·6	66	9,14	2·33	23·50	+0·74	3·70	29	25	+3·1	4·0	2·8	−2·6	25	0	0	0	19	0	0	0	0	0
Katmandu ...	84·5	+0·8	90	21	66·7	−2·0	64	17,21	2·20	12·91	−1·78	1·87	20	24	+1·3	1·6	1·0	+0·1	28	0	0	25	1	0	0	0	0	0
Mukteswar (Kumaon) ...	69·6	+0·2	74	14	58·3	+0·3	53	14	4·08	7·64	−4·73	1·89	24	14	−3·8	7·8	8·2	+3·0	20	0	0	14	16	0	0	0	0	0
Lokpal ...	48·5	...	51	28,29	38·2	...	36	8,9,10	...	13·91	...	0·90	1.17	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	13·00	...	1·97	28	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	69·6	+0·4	75	1,20, 31	60·6	+0·2	57	2	11·78	24·79	−2·67	5·98	23	22	−1·2	2·4	2·0	−2·2	27	0	0	13	23	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	13·13	...	1·87	20	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	11·97	...	2·10	27	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	63·7	−2·2	74	10	60·2	+1·0	54	2	6·34	9·91	−6·39	1·30	30	20	+0·3	1·9	1·7	−0·8	24	0	0	3	4	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	28·61	+12·73	5·80	15	22	−4·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	0·40	−0·90	0·15	30	2	−1·8	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	0·64	...	0·15	19	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	14·32	...	2·38	23	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	2·56	...	0·67	29	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	74·2	...	79	5	61·7	...	55	2	4·42	13·22	−8·70	2·66	22	15	−5·0	1·4	1·7	...	16	0	0	2	0	0	0	0	0	0
Dharamshala ...	80·8	...	85	30	75·7	...	69	18	4·87	29·14	...	4·10	13	19	...	...	...	...	24	0	0	16	0	0	0	0	0	0
Pachmarhi ...	77·5	+1·0	85	4,16	68·5	+0·7	65	31	10·04	26·05	−0·18	7·43	29	19	−3·0	6·3	5·5	−1·7	23	0	0	4	16	0	0	4	0	0
Abu ...	74·8	−0·5	83	6	66·7	+0·6	64	27	19·77	57·46	+35·47	10·54	31	20	+2·2	8·1	8·1	+0·1	22	0	0	0	22	0	0	0	0	0
Mahabaleshwar ...	66·7	+1·3	73	14	62·4	+0·1	60	16	42·33	96·81	−7·52	10·61	25	29	−1·1	11·3	12·5	−0·3	31	0	0	0	31	0	0	0	0	0
Nandi Hills ...	72·5	...	78	9	60·9	...	55	11	...	4·26	...	1·22	13	8	...	...	...	...	10	0	0	0	0	0	0	0	0	0
Mercara ...	68·7	0	75	11	63·1	+1·0	61	12	12·25	28·65	−14·46	3·90	24	28	−0·5	11·0	11·3	+4·1	30	0	0	0	0	0	0	0	0	0
Kodaikanal ...	63·9	+1·6	69	1,5,30	52·6	+0·5	50	10	1·18	2·78	−1·87	0·82	6	12	+1·8	13·2	13·9	+3·4	12	0	0	0	0	0	0	0	0	0
Ootacamund ...	61·5	−0·3	69	10,11	52·0	−0·1	50	21	0·62	2·83	−5·53	0·92	12	7	−8·8	11·2	7·8	+1·8	22	0	0	0	0	0	0	0	0	0
Coonoor ...	72·0	+1·2	77	2,10,14	60·3	+1·2	57	5,6,15	...	1·61	−1·00	1·13	12	4	−3·0	...	8·1	+3·3	5	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	6·12	...	1·30	10	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	21·47	...	2·80	12	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	42·1	...	40	6 days	...	10·52	...	2·07	9	16	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	69·1	+3·7	71	5 days	50·9	−0·4	48	28	...	4·55	−1·86	0·87	11	12	−5·7	...	...	...	12	2	0	0	0	0	0	0	0	0
Lhasa ...	78·1	...	85	7	49·9	...	45	15	...	2·14	...	0·98	10	4	...	...	0·3	...	6	0	0	1	0	0	0	0	0	0
Gyantse ...	74·8	+5·1	82	7	49·7	+4·0	35	14	...	1·21	−1·69	0·43	11	4	−4·2	...	2·0	−0·7	8	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	84·6	−0·8	87	25,26, 27	77·5	+0·5	73	11,12	0·10	0·28	−4·71	0·26	11	1	−7·4	...	...	...	2	0	0	0	0	0	0	0	0	0
Trincomalee ...	92·3	+0·1	96	6	77·7	+0·1	74	5	1·33	5·55	+3·76	3·62	7	4	+1·7	...	...	...	6	0	0	0	0	0	0	0	0	0
Batticoloa ...	91·8	...	98	1	77·0	...	75	4days	0·09	2·24	...	1·76	9	3	...	...	...	...	5	0	0	2	0	0	0	0	0	0
Hambantota ...	88·4	+0·8	94	22	76·7	+0·4	72	10	0·76	0·99	−1·14	0·60	10	3	−1·2	...	...	...	5	0	0	0	0	0	0	0	0	0
Mannar ...	86·8	...	91	9	78·7	...	72	9	1·00	1·64	...	1·00	12	3	...	...	...	...	3	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	89·5	...	98	13	78·0	...	75	4days	6·82	11·50	...	1·81	24	20	...	7·0	5·4	...	23	0	0	19	0	0	0	0	0	0
Hazaribagh ...	84·4	...	91	13	74·0	...	72	1,28, 29	4·29	12·93	...	3·32	17	17	...	7·6	5·6	...	20	0	0	11	0	0	0	0	0	0
Dhanbad ...	88·4	...	97	10,13	76·4	...	72	1	5·63	14·95	...	3·10	25	17	...	8·7	7·3	...	24	0	0	16	4	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	90·3	...	98	11	77·1	...	71	21	4·22	16·90	...	6·33	19	15	...	2·2	1·6	...	24	0	0	0	0	0	0	0	0	0
Hirakud ...	89·7	...	98	3	78·4	...	75	2,28, 29	9·35	21·01	...	3·49	28	18	...	5·4	3·9	...	22	0	0	0	0	0	0	0	0	0
Barkachhar ...	86·8	...	96	3,11	75·2	...	72	21,28	4·96	11·50	...	2·43	21	15	...	8·0	6·7	...	17	0	0	2	0	0	0	0	0	0
Sonepur ...	91·2	...	105	1	78·0	...	74	1	...	19·00	...	3·01	23	15	...	...	6·4	...	21	0	0	0	0	0	0	0	0	0
Ginabahar ...	87·2	...	93	5days	75·1	...	70	22	...	23·42	...	3·88	19	19	...	...	...	...	26	0	0	0	0	0	0	0	0	0
Jonk ...	89·6	...	99	3,10	77·2	...	73	27	7·34	18·08	...	4·56	28	15	...	5·9	5·1	...	19	0	0	10	0	0	0	2	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—JULY 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	77·7	...	88	9	62·7	...	52	2	...	24·11	...	7·50	27	17	...	...	...	...	22	0	0	0	0	0	0	0	0	0
Badrinath ...	69·4	...	70	14days	47·9	...	47	6 days	...	4·26	...	0·50	20	16	...	...	...	...	23	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
Punasa ...	89·6	...	98	4 days	75·4	...	71	29,30	3·23	11·23	...	3·09	28	16	...	10·7	9·3	...	19	0	0	5	0	0	0	0	0	0
Bagra Tawa ...	87·7	...	96	16	76·0	...	72	4 days	4·33	15·72	...	4·55	29	12	...	10·1	7·2	...	19	0	0	1	0	0	0	0	0	0
Thikri ...	91·4	...	102	17	75·4	...	70	9	...	6·47	...	1·62	29	11	...	...	...	...	17	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	87·4	...	95	17	75·2	...	70	29	...	8·39	...	2·60	24	14	...	...	...	...	21	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	...	...	...	...	...	...	...	...	...	16·78	...	4·42	31	13	...	...	...	...	13	0	0	0	0	0	0	0	0	0
Dharoi ...	89·4	...	97	4 days	...	...	...	...	...	18·16	...	5·03	30	16	...	...	...	...	17	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1007·0	998·1	...	78·1	76·4	75·6	30·6	92	...	7·0	...	9·4	0	8	22	0	0	0	0	2	21	6	1	1
	0830	,,	1008·0	999·1	+0·5	81·0	77·7	76·3	30·6	86	+ 2	7·1	+0·5	13·2	0	16	15	0	0	1	0	1	24	4	1	0
	1130	,,	1007·2	998·4	...	82·7	78·2	76·1	31·0	81	...	7·0	...	15·6	0	19	11	0	0	0	1	0	23	6	0	1
	1730	,,	1006·1	997·2	...	80·4	77·5	76·3	30·7	87	...	7·0	...	12·5	0	17	14	0	0	0	2	0	25	3	1	0
	2330	,,	1007·6	998·7	...	78·6	76·8	76·1	30·4	92	...	5·7	...	11·0	0	10	21	0	0	0	0	1	24	6	0	0
Assam																										
Dibrugarh ...	0830	348	1002·0	990·2	−0·7	82·3	78·8	77·2	32·0	86	− 1	6·5	−0·1	1·8	0	0	27	3	3	4	1	3	6	3	4	4
	1730	,,	998·1	986·4	...	85·0	80·2	78·3	32·7	81	...	4·5	...	0·8	0	0	12	1	1	4	2	1	2	1	0	19
Dibrugarh (Mohanbari Aerodrome)	0530	364	1001·7	989·2	...	78·4	76·9	76·3	30·9	93	...	7·0	...	1·8	0	0	17	1	10	1	0	1	3	1	0	14
	0830	,,	1002·6	990·2	...	82·4	78·5	77·0	31·4	84	...	7·1	...	2·7	0	0	26	1	11	4	0	1	6	2	1	5
	1130	,,	1001·4	989·1	...	85·3	79·3	76·9	31·5	77	...	6·7	...	3·1	0	0	28	0	10	3	0	4	8	2	1	3
	1730	,,	998·5	986·2	...	85·9	79·7	77·1	32·2	76	...	5·2	...	1·7	0	0	18	2	9	1	0	1	3	2	0	13
	2330	,,	1001·1	988·7	...	80·7	78·7	77·9	32·6	91	...	5·5	...	1·2	0	0	12	1	6	1	0	1	2	1	0	19
Sibsagar ...	0830	317	1002·9	991·8	+0·1	82·2	79·2	77·9	32·7	88	+ 1	6·7	−0·5	2·8	0	0	30	2	6	0	5	8	7	0	2	1
	1730	,,	998·8	988·3	...	86·9	82·5	79·9	35·8	80	...	4·8	...	2·7	0	0	29	8	5	1	0	4	6	1	4	2
Tezpur ...	0830	258	1002·6	993·8	0	81·7	79·0	77·7	33·0	89	+ 3	5·9	−0·7	1·9	0	0	27	0	0	18	4	0	3	1	1	4
	1730	,,	998·3	989 7	...	87·4	81·5	79·1	33·9	77	...	4·4	...	1·4	0	0	21	0	1	7	5	0	4	4	0	10
Tezpur (P.B.O.) ...	0530	257	1001·9	992·8	...	79·2	77·8	77·0	31·7	94	...	6·9	...	0·5	0	0	5	0	0	3	1	0	1	0	0	26
	0830	,,	1002·8	994·0	...	82·9	79·0	77·4	31·9	84	...	6·6	...	2·2	0	0	20	1	4	6	0	3	5	1	0	11
	1130	,,	1001·5	993·8	...	86·5	80·1	77·5	32·1	76	...	5·8	...	2·7	0	0	24	0	4	8	0	3	6	3	0	7
	1730	,,	998·6	989·9	...	86·7	81·7	78·9	34·7	78	...	4·8	...	0·9	0	0	8	0	0	3	0	1	2	2	0	23
	2330	,,	1001·2	992·4	...	80·8	79·1	78·5	33·5	93	...	4·0	...	0·6	0	0	6	2	0	0	0	1	1	2	0	25
Gauhati ...	0830	182	1002·0	995·7	+0·2	84·2	80·1	78·3	33·4	83	0	6·2	−0·2	2·0	0	0	29	2	13	2	3	3	0	4	2	2
	1730	,,	997·7	991·5	...	86·9	81·0	78·6	33·3	77	...	6·0	...	1·9	0	0	27	0	6	1	8	3	7	1	1	4
Gauhati (Kaikuchi Aerodrome) ...	0530	163	1000·7	995·1	...	80·4	78·3	77·6	32·3	91	...	6·4	...	1·9	0	0	13	0	1	2	0	4	6	0	0	18
	0830	,,	1001·7	996·1	...	84·2	79·9	78·4	32·6	83	...	6·1	...	4·3	0	1	22	2	7	7	1	0	3	2	1	8
	1130	,,	1000·7	995·2	...	87·5	81·2	79·0	33·2	77	...	5·3	...	5·4	0	1	28	3	9	9	1	1	0	2	4	2
	1730	,,	998·2	992·7	...	85·6	80·8	79·3	33·4	81	...	5·7	...	3·8	0	0	26	1	4	5	0	3	7	3	3	5
	2330	,,	1000·8	995·2	...	81·8	79·6	78·8	33·8	91	...	4·7	...	2·2	0	0	17	0	2	2	1	5	5	2	0	14
Dhubri ...	0830	115	1002·8	998·8	+1·1	82·5	79·9	78·9	33·8	89	+ 4	6·8	+0·8	4·9	0	2	23	2	6	4	6	4	3	0	0	6
	1730	,,	999·5	995·6	...	83·9	80·7	79·4	34·7	86	...	6·3	...	3·9	0	0	28	1	1	1	9	5	8	2	1	3
Silchar ...	0830	96	1003·1	999·8	+0·1	81·2	78·6	77·5	32·4	89	+ 4	5·9	−0·3	0·1	0	0	2	0	1	1	0	0	0	0	0	29
	1730	,,	999·6	996·3	...	84·7	79·9	77·9	32·4	81	...	5·7	...	0·6	0	0	9	0	1	0	0	1	3	3	1	22
Tura ...	0830	1,215	1002·5	961·2	...	78·4	76·2	75·1	30·1	90	...	7·5	...	2·1	0	0	19	0	0	0	1	4	7	5	2	12
	1730	,,	999·5	958·7	...	80·9	77·8	73·2	31·3	86	...	7·1	...	3·0	0	0	19	0	0	0	5	3	7	2	1	12
Lumding ...	0830	...	...	...	...	82·9	80·5	79·6	34·3	90	+ 8	...	...	2·8	0	0	24	1	2	3	5	3	5	0	5	7
	1730	...	...	...	...	86·8	83·3	82·0	37·3	86	...	...	...	2·8	6	0	25	1	3	2	7	3	5	0	4	6
West Bengal																										
Dum Dum ...	0530	33	993·4	992·3	...	80·1	78·0	73·5	32·0	89	...	7·1	...	6·1	0	2	25	0	3	7	4	5	6	1	1	4
	0830	,,	1000·1	999·0	...	83·1	79·4	77·4	32·9	84	...	7·3	...	8·5	0	4	25	0	2	4	8	3	9	2	1	2
	1130	,,	995·2	994·1	...	85·1	79·8	77·5	32·0	79	...	7·4	...	7·8	0	4	25	1	1	3	8	7	5	3	1	2
	1730	,,	997·4	996·3	...	83·7	79·7	78·0	32·8	83	...	7·5	...	8·0	0	4	26	1	0	2	9	9	6	1	2	1
	2330	,,	999·8	998·7	...	81·0	78·7	77·6	32·2	89	...	5·6	...	4·6	0	1	24	0	1	2	8	8	5	1	0	6
Calcutta ...	0830	2 1	1000·2	999·5	+0·1	82·8	80·0	78·8	33·4	87	+ 4	6·6	−0·4	4·0	0	1	28	0	0	3	5	3	11	1	1	2
	1730	,,	997·5	996·8	...	83·4	80·2	78·9	34·1	87	...	7·2	...	4·6	0	1	27	0	0	3	7	9	6	1	2	3
Saugor Island ...	0830	10	999·4	999·1	−0·5	83·6	80·0	78·5	33·5	85	+ 3	6·5	−0·5	19·2	1	22	8	2	3	2	2	4	15	2	1	0
	1730	,,	997·6	997·3	...	83·6	80·2	78·9	34·7	86	...	6·6	...	19·6	1	24	6	0	2	0	1	9	14	3	0	0
Sandheads ...	0530	3	998·4	997·4	...	83·1	80·3	79·0	33·7	88	...	7·1	...	13·2	0	16	14	0	0	2	1	2	2	16	5	2	1
	0830	,,	1000·0	998·9	−0·1	84·1	80·3	78·9	33·3	85	+ 3	6·5	+0·3	12·3	0	16	13	0	0	2	0	2	17	5	3	2
	1130	,,	999·4	998·3	...	84·4	80·6	79·1	33·6	84	...	6·8	...	13·4	0	14	17	1	2	1	1	4	16	5	1	0
	1730	,,	997·6	996·5	...	84·3	81·2	79·2	35·2	86	...	7·1	...	14·3	0	20	10	1	1	1	3	5	13	4	2	1
	2330	,,	999·5	998·4	...	83·6	80·3	79·0	33·5	86	...	1·6	...	14·8	0	21	10	1	0	2	0	2	5	16	6	0	0
Midnapore ...	0830	149	1000·0	994·9	0	82·4	79·2	77·9	32·9	87	+ 5	6·9	+1·1	3·5	0	1	19	1	3	2	3	6	3	2	0	11
	1730	,,	997·3	992·2	...	82·4	78·9	77·5	32·1	85	...	7·0	...	4·0	0	1	24	1	3	1	3	9	7	1	0	6
Contai ...	0830	35	999·3	998·3	...	83·6	80·3	78·7	33·5	86	...	5·5	...	8·1	0	8	15	1	2	2	4	1	12	0	1	8
	1730	,,	997·2	996·0	...	83·9	79·7	78·2	33·5	86	...	6·2	...	8·8	0	7	22	0	0	0	9	2	14	1	3	2
Burdwan ...	0830	106	1000·2	996·6	+0·2	82·7	79·4	77·9	30·3	85	+ 1	3·2	−3·4	3·4	0	0	28	1	4	0	8	5	7	0	3	3
	1730	,,	997·6	994·0	...	84·4	79·9	77·6	32·8	81	...	3·2	...	3·7	0	0	25	0	3	0	8	4	9	0	1	6
Krishnagar ...	0830	48	1000·4	998·8	+0·1	83·1	80·2	79·4	33·7	88	+ 5	6·9	+0·3	3·1	0	0	31	1	4	7	8	9	1	1	0	0
	1730	,,	997·8	996·2	...	84·5	80·9	79·8	34·5	85	...	5·8	...	2·1	0	0	27	1	4	3	9	8	2	0	0	4
Asansol ...	0530	414	998·7	984·6	...	79·1	77·8	77·2	31·6	94	...	6·8	...	2·7	0	0	20	1	1	5	6	3	1	1	2	11
	0830	,,	999·8	985·8	+0·8	82·9	79·1	77·4	31·9	84	− 1	6·3	−0·5	4·9	0	0	27	0	1	9	7	1	3	4	2	4
	1130	,,	999·8	985·8	...	85·2	79·6	77·3	32·1	80	...	6·7	...	5·2	0	1	27	1	2	10	6	2	1	3	3	3
	1730	,,	996·8	982·9	...	84·6	79·6	77·5	32·3	80	...	6·7	...	3·8	0	1	21	0	1	12	3	3	0	3	0	9
	2330	,,	999·4	985·4	...	80·6	78·6	77·9	32·5	91	...	4·9	...	3·7	0	0	23	0	0	4	15	2	1	1	0	8
Berhampore ...	0830	62	1000·4	998·3	+0·2	83·0	79·9	78·5	33·6	87	+ 3	7·3	+0·6	4·8	0	1	27	0	0	12	4	10	1	0	1	3
	1730	,,	997·3	995·4	...	84·3	80·3	78·5	33·5	83	...	7·0	...	2·8	0	0	26	0	2	10	3	9	2	0	0	5
Malda ...	0830	103	1000·6	997·7	+0·3	83·3	80·0	78·6	33·2	86	+ 4	6·5	+1·0	6·4	0	0	30	0	2	14	5	5	1	0	1	1
	1730	,,	997·7	994·4	...	85·6	80·3	78·2	32·6	79	...	6·	...	4·8	0	0	28	0	2	12	5	5	1	1	2	3
												(c)		(c)	(c)											
Cooch-Behar ...	0830	145	1000·8	995·8	...	83·5	79·4	77·8	32·6	83	...	6·9	...	...	n	1	24	0	1	8	6	5	3	1	0	3
												(d)			(d											
	1730	,,	997·5	992·6	...	85·4	80·1	78·1	32·4	79	...	6·0	...	5·1	0	1	24	1	0	4	8	5	5	1	1	2

(d) Means of 27 days. (c) Mean of 28 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (*Contd.*)–																										
Jalpaiguri ...	0830	271	1001·8	992·5	+0·2	81·6	78·3	76·9	31·3	86	−2	6·5	+1·2	4·4	0	0	29	1	12	10	3	3	0	0	0	2
	1730	,,	998·4	989·2	...	85·8	80·1	77·8	32·9	78	...	6·1	...	2·9	0	0	25	2	6	6	5	2	2	0	2	6
Jalpaiguri (P.B.O.)	0530	271	1000·6	991·5	...	78·4	77·2	76·8	31·7	95	...	6·4	...	1·9	0	0	16	3	4	5	2	1	1	0	0	15
	1130	,,	1001·2	992·2	...	85·4	80·0	77·7	32·4	79	...	6·5	...	4·6	0	2	26	0	6	12	6	2	2	0	0	3
*	2330	,,	1001·3	992·0	...	80·5	78·7	77·8	32·4	92	...	5·3	...	2·4	0	0	20	1	3	8	4	1	3	0	0·	10
Bagdogra ...	0530	416	1000·0	985·8	...	78·2	76·9	76·3	30·7	91	...	6·7	...	3·1	0	0	19	0	9	6	1	0	1	1	1	12
	0830	..	1001·0	986·9	...	82·9	78·9	76·9	31·9	83	...	6·3	...	3·8	0	0	24	2	9	9	2	1	0	0	1	7
‡	1130	,,	1000·5	986·5	...	86·0	79·8	77·2	32·3	75	...	6·6	...	6·2	0	3	23	0	7	12	3	2	0	1	1	2
														(c)	(c)											
	1730	,,	997·7	983·7	...	84·9	79·7	77·4	32·6	79	...	6·1	...	3·2	0	0	22	3	4	10	4	0	1	0	0	6
Orissa																										
Balasore ...	0830	65	999·5	997·3	−0·9	82·7	79·6	78·5	33·3	87	+5	7·0	+1·1	5·9	0	1	28	2	5	0	0	6	12	2	2	2
	1730	,,	997·2	995·0	..	82·5	79·0	77·5	32·2	85	...	7·6	...	5·5	0	3	28	2	0	0	5	8	12	2	2	0
												(b)		(b)	(b)	(b)	(b)									
Chandbali ..	0830	20	1000·7	1000·1	+0·8	83·1	79·5	78·1	32·9	85	+1	5·2	−1·2	3·4	0	0	28	1	1	0	1	1	13	1	10	1
												(b)		(b)	(b)											
	1730	,,	998·3	997·6	...	83·7	79·7	78·5	32·8	84	...	5·9	...	4·7	0	0	29	2	1	2	5	6	4	1	8	0
Puri ...	0830	20	1000·9	1000·2	+0·3	84·0	79·9	78·3	33·2	83	+1	6·7	+0·9	15·0	0	16	15	4	1	0	1	1	17	6	1	0
	1730	,,	998·7	998·0	...	84·6	80·2	78·3	33·1	82	...	6·7	...	17·9	0	22	9	2	1	0	1	5	20	1	1	0
Bhubaneswar ...	0830	150	1000·5	995·3	...	82·5	79·1	77·5	32·2	85	...	6·8	...	7·7	0	6	23	1	0	0	2	0	16	5	5	2
	1130	..	1000·2	995·3	...	82·1	80·2	78·2	34·2	75	...	6·7	...	10·5	0	12	17	0	0	1	0	1	16	6	5	2
Cuttack ...	0830	87	1000·3	997·3	−0·5	82·3	78·5	76·7	31·2	84	+4	5·8	−0·4	1·9	0	0	10	0	1	0	0	1	5	2	1	21
												(a)		(a)	(a)											
	1730	,,	997·6	994·7	...	84·8	79·0	76·4	30·9	76	...	6·4	...	2·7	0	0	16	0	2	0	1	0	11	1	1	14
Cuttack (P.B.O.) ...	0530	87	999·4	996·5	...	80·5	78·4	77·5	32·4	91	...	7·0	...	2·3	0	0	15	0	0	0	0	6	5	2	2	16
	0830	,,	1000·3	997·5	...	84·2	80·2	79·0	33·4	83	...	7·1	...	3·3	0	0	26	1	2	0	0	5	10	4	4	5
	1130	,,	999·9	997·1	...	88·2	81·0	78·9	33·1	74	...	7·0	...	3·9	0	0	30	0	1	1	1	3	11	11	2	1
	1730	,,	997·8	995·0	...	85·0	79·0	78·0	31·1	80	...	7·3	...	2·9	0	0	24	1	2	0	2	7	11	0	1	7
	2330	,,	999·9	997·0	...	81·8	78·9	77·8	32·3	88	...	5·8	...	2·9	0	0	24	0	2	0	1	6	11	2	2	7
Gopalpur ...	0530	56	1000·0	998·1	..	80·6	78·3	77·2	31·8	90	...	7·1	...	8·5	0	9	15	1	1	0	0	7	11	2	2	7
	0830	,,	1001·2	999·3	+0·4	83·4	79·4	77·7	32·5	83	+2	6·9	+1·9	8·6	0	10	15	1	2	0	0	6	13	2	1	6
	1130	,,	1000·9	999·0	..	86·5	81·1	78·7	33·6	79	...	6·3	...	11·9	0	12	18	1	0	2	3	13	10	1	0	1
	1730	,,	998·9	997·0	...	84·6	80·2	77·7	33·1	82	...	6·9	...	11·5	0	13	15	1	1	0	2	11	12	0	1	3
	2330	,,	1001·0	999·1	...	82·0	78·9	77·6	32·5	87	...	6·7	...	9·9	0	11	16	0	0	0	0	9	15	1	2	4
Koraput ...	0830	2996	894·5	903·7	...	72·7	71·0	69·8	25·4	90	...	6·7	...	6·0	0	0	31	0	0	0	0	1	9	18	3	0
	1730	,,	892·4	901·7	...	73·4	71·7	71·6	26·1	91	...	7·0	...	5·4	0	0	31	2	1	0	0	1	6	14	7	0
Angul ...	0830	455	1000·8	985·3	+0·2	81·4	77·5	75·6	30·3	82	+2	7·3	+1·0	4·3	0	0	24	2	2	1	0	2	5	8	4	7
	1730	,,	997·8	982·4	...	84·2	78·3	75·9	30·2	77	...	7·8	...	4·1	0	0	29	4	1	1	5	1	7	8	2	2
Sambalpur ...	0830	486	1000·4	984·1	+0·8	81·2	77·7	76·1	30·8	85	+1	6·1	−0·5	5·8	0	1	30	1	0	0	0	6	16	5	3	0
	1730	,,	997·6	981·2	...	84·9	78·5	76·0	30·2	77	...	6·8	...	4·5	0	0	31	4	2	0	1	3	12	3	6	0
Jharsuguda ...	0530	726	999·2	974·2	...	78·4	76·5	75·9	30·2	92	...	7·0	...	1·6	0	0	13	0	0	0	0	4	8	1	0	18
	0830	,,	999·7	975·4	...	82·0	74·9	76·9	26·5	84	...	7·0	...	3·0	0	0	21	1	0	1	1	4	10	3	1	10
	1130	,,	999·2	975·0	...	85·8	79·5	77·3	31·3	77	...	6·9	...	4·4	0	0	27	2	0	0	1	3	16	3	2	4
	1730	,,	996·7	972·5	...	83·8	78·3	76·4	30·6	79	...	7·5	...	2·7	0	0	19	2	0	0	1	1	8	6	1	12
	2330	,,	999·3	975·1	...	80·1	77·3	76·4	30·4	88	...	6·8	...	1·5	0	0	10	0	0	0	0	2	7	1	0	21
Titilagarh ...	0830	691	1001·3	977·8	...	80·5	75·7	73·7	27·9	80	...	6·5	...	1·5	0	0	20	0	0	0	0	1	6	9	4	0	11
	1730	,,	998·2	974·9	...	83·2	76·5	73·8	28·4	74	...	6·5	...	1·6	0	0	24	1	0	0	2	6	6	6	3	7
Chota Nagpur																										
Purulia ...	0830	835	999·9	972·0	...	81·4	77·6	76·1	30·3	84	...	6·4	...	4·4	0	0	30	3	9	2	2	4	8	0	2	1
	1730	,,	996·7	968·9	...	83·6	78·4	76·3	31·2	80	...	7·5	...	3·8	0	0	29	4	4	2	9	3	4	1	2	2
Jamshedpur ...	0830	423	999·8	985·4	+0·4	82·6	78·4	76·8	31·6	84	+3	6·8	−0·3	5·3	0	0	27	0	1	8	4	2	5	7	0	4
	1730	,,	996·6	982·4	...	84·7	79·2	76·1	31·6	77	...	7·3	...	5·5	0	2	24	1	4	8	1	1	4	5	2	5
Jamshedpur(P.B.O.)	0530	423	998·8	982·6	...	79·2	77·8	77·2	31·7	91	...	6·9	...	2·5	0	1	15	0	4	6	0	1	4	1	0	15
	1130	,,	999·3	983·3	...	86·2	80·9	79·1	33·2	80	...	7·1	...	4·3	0	1	23	0	6	3	0	3	10	1	1	7
	2330	,,	999·6	983·0	...	81·1	78·7	78·0	32·3	90	...	6·1	...	2·3	0	1	12	0	1	5	2	0	5	1	0	18
Chaibasa ...	0830	742	999·7	974·6	+0·3	81·3	77·7	76·4	30·9	85	+4	7·5	+1·0	2·0	0	0	20	1	6	0	2	2	5	2	0	11
	1730	,,	996·8	971·9	...	84·3	78·2	74·9	30·3	76	...	7·9	...	1·0	0	0	21	2	3	0	1	4	7	4	0	10
Ranchi ...	0830	2150	891·0	928·0	+0·4	78·0	74·8	73·0	28·4	85	0	6·3	−0·3	1·1	0	0	13	4	3	0	1	1	2	0	2	18
	1730	,,	889·0	926·2	...	79·4	74·9	72·9	27·7	81	...	7·1	...	0·5	0	0	7	0	0	1	3	0	0	3	0	24
Hazaribagh ...	0830	2006	891·1	933·1	+0·4	78·5	75·0	73·5	29·2	83	−2	6·7	−0·4	6·8	0	1	30	1	3	5	6	3	3	4	6	0
	1730	,,	888·7	930·6	...	81·7	76·3	73·9	28·6	79	...	6·8	...	6·5	0	2	27	2	3	5	8	1	4	1	5	2
Hazaribagh (C.W.)..	0530	2008	889·3	931·9	...	74·5	73·0	72·3	27·1	93	...	5·9	...	3·0	0	1	19	1	5	3	2	4	1	3	1	11
	0830	,,	890·7	933·0	...	78·9	75·0	73·2	27·9	83	...	6·5	...	6·2	0	3	23	4	4	2	2	3	3	7	1	5
	1130	,,	890·8	932·8	...	81·9	76·1	73·6	28·1	77	...	6·2	...	5·1	0	1	26	2	5	3	3	4	1	5	4	4
	1730	,,	888·5	930·5	...	80·5	75·7	73·6	28·1	80	...	6·7	...	4·1	0	1	22	2	6	3	6	2	0	3	1	8
	2330	,,	890·0	932·5	...	75·8	74·0	73·1	27·7	92	...	5·1	...	3·4	0	2	15	2	6	1	2	4	0	2	0	14
Daltonganj ...	0830	725	999·2	975·2	+0·6	85·1	78·5	75·4	30·4	74	−6	5·8	+0·8	4·2	0	1	25	1	2	10	0	0	1	10	2	5
	1730	,,	995·9	971·8	...	87·5	78·8	74·1	29·9	68	...	6·1	...	5·0	0	0	28	3	2	9	1	1	2	11	0	3

* Observations for 30 days. (b) Mean of 29 days. ‡ Observations for 28 days. (c) Mean of 28 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1000·6	996·4	+0·2	84·1	80·1	78·4	33·3	83	− 2	6·4	+0·5	3·3	0	0	28	0	1	20	1	1	4	1	0	3
	1730	,,	997·6	994·4	...	86·2	80·6	78·5	33·3	78	...	5·7	...	2·1	0	0	23	0	1	12	2	0	5	3	0	8
Darbhanga ...	0830	161	1000·6	995·0	+0·5	85·1	81·9	80·8	36·1	84	+ 1	6·7	+0·6	3·0	0	1	26	0	10	9	3	0	3	1	1	4
	1730	,,	997·4	991 9	...	88·3	84·4	83·0	38·4	85	...	5·3	...	2·2	0	0	27	0	2	8	8	1	4	2	2	4
Motihari ...	0830	218	1000·0	992·6	+0·1	84·4	80·0	78·2	33·7	82	+ 1	6·1	+1·1	2·4	0	0	28	0	0	22	0	0	0	6	0	3
	1730	,,	997·3	989·9	...	86·2	81·2	79·2	34 1	80	...	4·4	...	1·7	0	0	21	0	0	16	0	0	0	5	0	10
Patna ...	0830	173	999·9	994·0	+0·4	85·5	80·0	77·8	32·5	78	− 3	5·8	−0·8	4·6	0	0	29	0	10	3	7	1	3	2	3	2
	1730	,,	996·8	990·9	...	87·8	78·4	78·2	28·8	74	...	5·8	...	3·3	0	0	26	0	10	6	4	0	0	4	2	5
Patna (Aerodrome)..	0530	196	998·5	991·8	...	81·1	78·8	77·9	32·3	90	...	5·8	...	3·6	0	0	24	1	0	15	0	1	2	4	1	7
	0830	,,	999·6	992·9	...	85·0	79·9	77·3	32·7	80	...	6·5	...	7·3	0	1	28	0	2	13	5	1	2	5	1	2
	1130	,,	999·3	992·7	...	88·1	80·8	78·0	24·0	73	...	6·3	...	7·7	0	3	28	0	2	15	5	0	1	6	2	0
	1730	,,	996·3	980·0	...	87·9	80·9	77·9	32·8	77	...	6·1	...	6·4	0	2	26	2	4	14	1	0	2	4	1	3
Dehri ...	0830	352	999·1	987·1	...	83·8	79·3	77·3	32·2	81	...	5·5	...	3·7	0	0	31	0	8	1	8	1	10	0	3	0
	1730	,,	995·7	984·0	...	87·7	80·4	77·4	31·8	73	...	6·3	...	3·3	0	1	30	1	7	4	5	0	3	0	11	0
Gaya ...	0530	365	994·5	985·6	...	80·5	78·3	77·2	32·4	90	...	6·2	...	5·1	0	1	23	0	6	8	2	2	3	1	2	7
	0830	,,	999·2	986·9	+0·2	85·5	79·5	77·1	31·7	76	+ 1	6·1	+0·9	7·5	0	2	27	1	5	11	1	3	6	1	1	2
	1130	,,	998·8	986·5	...	89·4	80·4	76·5	31·3	66	...	6·7	...	6·8	0	1	27	2	5	10	2	0	2	6	1	3
	1730	,,	995·9	983·7	...	88·5	80·3	76·7	32·1	69	...	6·3	...	7·9	0	3	24	0	4	10	1	0	5	3	4	4
	2330	,,	998·5	986·1	...	82·9	79·3	77·7	32·7	85	...	7·6	...	2·7	0	0	19	0	2	12	1	0	3	1	0	12
Jamui ...	0830	270	999·5	990·2	...	85·6	79·8	77·3	31·8	77	...	5·9	...	4·2	0	0	30	1	0	13	8	0	1	1	6	1
	1730	,,	996·8	987·4	...	87·3	80·5	77·1	32·1	73	...	6·5	...	4·3	0	0	29	0	0	16	5	0	0	4	4	2
Dumka ...	0830	489	999·9	983·3	0	83·1	79·8	78·0	32·9	85	+ 3	3·3	−2·5	3·5	0	0	31	0	7	9	7	0	5	2	1	0
	1730	,,	997·2	980·9	...	84·7	80·4	78·9	33·2	82	...	5·1	...	3·3	0	0	31	1	5	11	7	0	4	3	0	0
Sahour ...	0830	122	1000·2	996·1	+0·6	84·4	80·4	78·6	33·8	83	0	6·1	−0·6	6·5	0	1	28	0	0	17	3	2	2	5	0	2
	1730	,,	997·1	993·0	...	80·7	81·0	78·5	33·9	78	...	6·2	...	6·1	0	1	28	0	0	15	6	2	0	6	0	2
Bhagalpur ...	0530	160	998·9	993·5	...	81·0	79·1	78·2	32·9	92	...	6·1	...	2·8	0	0	22	0	1	14	1	0	6	0	0	9
	0830	,,	1000·1	994·7	...	85·2	80·3	78·6	32·9	80	...	6·4	...	4·0	0	0	23	0	0	13	4	0	2	4	0	8
	1130	,,	999·9	994·5	...	87·7	81·4	78·7	33·4	76	...	6·7	...	4·8	0	0	27	0	1	15	3	0	1	5	2	4
	1730	,,	996·9	991·3	...	87·2	80·9	78·4	32·8	75	...	6·2	...	4·3	0	0	30	1	0	11	8	2	6	2	0	1
	2330	,,	999·4	994·0	...	83·0	79·9	78·7	33·6	87	...	3·8	...	3·0	0	0	26	0	3	11	6	2	4	0	0	5
U. P. East																										
Gonda ...	0830	360	999·7	994·0	...	88·0	79·4	77·1	30·4	80	− 2	4·6	−1·5	2·9	0	0	27	0	0	16	1	2	0	4	4	4
	1730	,,	996·3	984·3	...	90·2	80·4	77·4	30·7	67	..	4·4	...	2·1	0	0	20	0	1	13	0	0	0	5	1	11
Gorakhpur ...	0830	254	999·4	990·8	-0·1	85·0	79·7	77·2	33·1	78	− 5	4·5	−0·3	1·3	0	0	21	0	4	12	0	0	3	2	0	10
	1730	,,	996·6	988·3	...	90·0	81·3	77·1	32·4	66	...	4·1	...	1·2	0	0	19	0	6	6	3	1	2	1	0	12
Gorakhpur (P.B.O.).	0530	257	998·6	989·8	...	80·3	78·4	77·6	32·5	92	...	6·6	...	3·5	0	2	20	2	7	4	0	0	7	2·	0	9
	1130	,,	999·3	990·7	...	88·6	81·3	78·3	34·6	72	...	6·7	...	5·5	0	2	28	0	4	14	2	1	5	4	0	1
	2330	,,	999·0	990·4	...	82·7	80·1	79·0	33·8	89	...	3·6	...	3·8	0	0	26	3	9	5	0	0	6	2	1	5
Azamgarh ...	0830	255	998·9	990·5	...	85·5	80·4	79·9	32·7	79	...	4·7	...	1·4	0	0	19	0	1	13	0	0	2	3	0	12
	1730	,,	996·3	987·8	...	88·7	81·8	75·8	34·1	73	...	2·9	...	1·5	0	0	15	2	4	2	0	1	3	3	0	16
Banaras ...	0830	250	999·3	990·8	+0·3	84·6	80·2	84·7	32·9	82	+ 2	5·4	−0·9	6·5	0	0	30	0	1	14	2	1	9	2	1	1
	1730	,,	996·0	987·6	...	89·3	81·2	77·7	32·9	70	...	5·0	...	5·1	0	0	29	3	5	6	4	0	1	9	1	2
Banaras (Babatpur... Aerodrome)	0530	280	998·3	988·7	...	80·2	78·3	77·7	32·3	92	...	6·2	...	3·8	0	1	22	0	5	6	2	0	3	7	0	8
	0830	,,	999·5	989·9	...	84·7	79·5	77·4	32·0	79	...	5·6	...	7·3	0	3	28	1	4	11	2	1	4	7	1	0
	1130	,,	999·3	989·8	...	88·7	80·4	77·0	31·5	69	...	6·0	...	9·4	0	7	24	0	5	11	3	0	2	8	2	0
	1730	,,	996·3	986·9	...	88·6	80·6	77·3	32·2	70	...	5·6	...	6·0	0	3	27	1	7	7	1	2	4	5	3	1
	2330	,,	998·8	989·3	...	82·6	79·5	78·1	33·0	87	...	5·7	...	5·0	0	2	21	0	7	4	2	0	4	5	1	8
Allahabad ... (Bamrauli)	0530	322	997·9	987·0	...	80·3	78·0	77·1	31·8	89	...	6·4	..	4·5	0	0	28	3	8	5	2	4	4	2	0	3
	0830	,,	999·1	988·2	+0·2	84·1	79·2	77·0	31·6	80	+ 1	5·9	0·6	7·9	0	3	28	1	4	9	2	2	5	6	2	0
	1130	,,	999·1	988·2	...	87·9	80·5	77·5	32·5	72	...	6·5	...	8·7	0	5	26	0	4	8	4	0	5	8	2	0
	1730	,,	996·2	985·3	...	88·7	80·8	77·4	32·0	71	...	6·2	...	7·2	0	3	28	1	3	4	6	3	3	5	6	0
	2330	,,	998·6	987·7	...	82·6	79·2	77·4	32·2	85	...	4·9	...	5·8	0	3	26	0	5	6	2	5	8	2	1	2
Fatehpur ...	0830	375	999·2	986·2	...	83·6	79·7	78·0	33·6	84	+·3	5·3	-0·3	3·0	0	0	24	0	4	8	1	2	2	6	1	7
	1730	,,	996·1	983·5	...	88·0	81·3	78·5	33·1	74	...	5·3	...	1·7	0	0	18	0	3	6	1	3	0	4	1	13
Banda ...	0830	398	998·9	985·9	...	83·7	79·1	77·2	32·4	81	...	4·2	...	1·7	0	0	19	0	1	7	2	0	6	3	0	12
	1730	,,	996·5	983·1	...	87·9	80·7	77·5	32·5	73	...	4·4	...	1·2	0	0	12	1	1	1	1	0	4	4	0	19
Orai ...	0830	463	999·0	983·2	...	83·3	78·9	77·9	31·3	82	...	6·5	...	9·2	0	4	27	3	2	5	5	2	6	6	2	0
	1730	,,	996·6	981·1	...	87·7	79·9	75·9	31·7	72	...	6·3	...	9·6	0	6	25	2	3	7	4	4	3	4	4	0
Kanpur ...	0830	414	999·2	985·0	+0·3	83·6	79·4	77·6	32·4	82	− 1	5·3	+0·8	7·6	0	4	25	2	3	11	3	1	6	3	0	2
	1730	,,	996·3	982·8	...	88·2	81·1	78·4	32·9	75	...	5·6	...	7·0	0	3	27	2	4	7	4	2	4	4	3	1
Lucknow ...	0830	371	999·8	987·6	+0·3	84·2	80·8	78·9	34·1	81	+ 2	5·3	−0·5	2·0	0	0	30	1	5	5	9	2	2	4	2	1
	1730	,,	996·8	984·7	...	88·9	83·1	80·9	36·3	78	...	5·2	...	2·1	0	0	27	0	2	9	0	3	8	5	0	4
Lucknow (Amau-... si Aerodrome)	0530	419	998·4 (c)	985 8	...	80·7 (c)	79·4 (c)	78·9 (c)	34·1 (c)	95 (c)	...	6·0	...	2·8	0	0	18	1	2	8	1	1	3	1	1	13
	0830	,,	999·4 (c)	985·2	...	83·4 (c)	78·2 (c)	77·0 (c)	30·1 (c)	82 (c)	...	5·9	...	8·1	0	3	26	0	5	7	6	0	7	4	0	2
	1130	,,	999·1 (c)	985·2	...	87 5 (c)	79·5 (c)	77·6 (c)	30·2 (c)	73 (c)	...	6·1	...	9·9	0	8	23	0	1	9	8	2	3	7	1	0
	1730	,,	996·1	982·5	...	87·9	80·4	77·3	32·1	71	...	5·4	...	8·2	0	4	27	0	2	7	7	2	5	6	2	0
Hardoi ...	0830	467	998·2	982·5	...	83·9	79·6	77·7	32·8	82	...	4·2	...	4·0	0	0	31	1	5	8	9	1	1	4	2	0
	1730	,,	995·4	979·5	...	88 3	80·8	77·8	24·8	74	...	3·8	...	3·2	0	0	30	2	3	7	8	3	2	3	2	1
Lakhimpur Kheri ...	0830	483	999·7	983·4	...	84·3	79·0	76·7	32·0	78	...	4·6	...	4·5	0	0	29	0	1	7	12	2	1	4	2	2
	1730	,,	996·3	980·2	...	90·0	81·1	77·6	32·0	68	...	5·1	...	2·9	0	0	24	0	0	8	5	2	2	4	3	7
Bahraich ...	0830	407	1000·1	986·3	+1·1	84·9	79·4	77 1	31·9	78	− 2	4·9	+0·4	2·8	0	0	27	2	1	8	9	2	2	2	1	4
	1730	,,	996·8	983·2	...	90·5	81·0	77·7	31·7	67	...	4·0	...	3·5	0	0	29	0	1	10	8	6	0	3	1	2

(c) Mean of 28 days.

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	999·5	971·7	+0·2	81·9	76·9	76·3	29·4	79	+ 3	4·7	0	3·4	0	0	20	1	1	3	2	0	1	12	0	11
	1730	..	996·0	968·5	...	87·2	78·6	74·7	29·4	68	...	5·5	...	2·1	0	0	19	1	2	0	0	0	2	6	8	12
Agra ...	0830	553	998·7	980·5	+0·7	84·6	78·6	76·6	31·2	80	+ 6	3·9	−1·4	0·8 (b)	0	0	2	0	1	0	0	0	0	1	0	29
	1730	..	996·2	977·7	...	90·4	80·8	71·7	31·5	67	...	4·1	...	0·9	0	0	10	1	4	2	0	0	0	3	0	19
Mainpuri ...	0830	516	999·4	983·0	+1·8	84·6	79·6	77·5	32·2	80	+ 4	6·2	+0·9	2·3	0	0	25	1	3	7	6	1	1	3	3	6
	1730	..	996·3	986·6	...	88·3	81·5	78·9	33·5	70	...	5·5	...	1·7	0	0	20	1	3	7	4	1	0	3	1	11
Aligarh ...	0530	615	998·3	977·5	...	80·9	78·3	77·1	32·2	89	...	5·1	...	2·0	0	0	13	0	0	7	0	0	1	3	2	18
	0830	..	999·3	978·5	...	85·3	79·6	77·1	31·4	78	0	5·3	+0·5	2·1	0	0	17	0	1	12	0	0	0	4	0	14
	1130	..	999·6	979·0	...	91·1	81·8	79·2	32·8	66	...	5·6	...	7·7	0	1	27	1	5	12	1	0	0	6	3	3
	1730	..	996·1	975·3	...	90·3	81·3	80·9	32·0	68	...	6·3	...	1·9	0	0	13	0	0	9	0	0	0	4	0	18
	2330	..	998·9	978·1	...	83·5	79·5	77·8	31·8	83	...	3·7	...	1·5	0	0	11	0	4	3	1	0	2	1	0	20
Bareilly ...	0830	568	999·3	980·2	+0·4	85·1	79·4	76·9	31·7	77	− 5	5·2	−0·6	3·7	0	0	26	1	2	7	8	3	0	3	2	5
	1730	..	995·9	977·0	...	89·7	80·7	77·0	30·9	67	...	5·4	...	2·3	0	0	22	3	0	9	2	3	0	5	0	9
Bareilly (P.B.O.) ...	0530	565	998·3	979·0	...	81·0	78·6	77·5	33·0	90	...	4·7	...	2·8	0	0	28	0	2	14	5	2	0	2	3	3
	1130	..	999·4	980·4	...	88·8	80·4	77·4	31·9	70	...	5·2	...	5·7	0	0	30	1	3	6	9	2	2	5	2	1
	2330	..	998·9	979·7	...	84·1	80·7	79·5	31·0	87	...	3·8	...	2·8	0	0	23	2	1	8	8	1	2	1	0	8
Meerut ...	0830	728	999·5	974·9	+0·5	85·5	78·8	70·7	30·0	76	+ 1	3·6	−1·5	1·4	0	0	21	0	4	13	2	0	0	2	0	10
Roorkee ...	0830	899	999·7	969·4	+0·7	82·1	78·4	76·9	31·3	84	+ 6	4·9	−0·2	1·2	0	0	19	1	3	0	13	0	0	0	2	12
	1730	..	995·9	966·1	...	88·6	80 5	77·0	32·5	69	...	4·4	...	1·2	0	0	18	0	2	0	9	0	0	0	7	13
Dehra-Dun ...	0530	2,239	890·7	925·1	...	74·9	73·2	72·3	27·2	92	...	6·0	...	1·1	0	0	14	3	3	0	1	2	1	2	2	17
	0830	..	891·9	925·8	+0·6	78·2	75·5	73·3	28·7	85	+ 1	5·8	−0·4	1·2	0	0	17	2	0	0	2	4	3	5	1	14
	1130	..	892·4	926·4	...	81·9	75·7	73·0	27·6	75	...	6·0	...	2·1	0	0	25	1	1	0	5	6	6	6	0	6
	1730	..	889·6	923·4	...	83·8	77·1	74·3	29·3	75	...	4·1	...	2·3	0	0	29	3	5	1	3	2	4	7	4	2
	2330	..	891·3	925·5	...	77·6	75·1	74·0	29·0	89	...	4·7	...	1·4	0	0	15	5	6	2	1	0	1	0	0	16
Punjab (1)																										
New-Delhi ...	0530	710	997·8	973·8	...	82 3	77·7	75·7	30·2	81	...	5·0	...	4·2	0	2	19	0	0	10	4	0	2	4	1	10
	0830	..	999·1	975·2	+1·0	86·8	78·8	75·3	30·2	69	− 5	4·6	−0·4	7·4	0	4	24	1	1	9	7	2	0	6	2	3
	1130	..	998·7	975·3	...	91·8	79·9	74·6	29·5	59	...	5·5	...	10·0	0	8	22	0	1	8	8	2	1	4	6	1
	1730	..	995·5	972·0	...	92·0	79·6	74·2	28·7	58	...	5·6	...	9·0	0	7	23	6	1	9	7	2	1	0	4	1
	2330	..	998·3	974·4	...	85·1	78·4	75·1	30·0	74	...	3·6	...	5·7	0	0	26	1	1	5	7	2	5	4	1	5
Hissar ...	0830	725	999·1	974·7	+1·1	85·8	78·9	75·7	30·7	73	− 3	2·7	−0·1	5·2	0	1	27	1	2	3	6	4	6	3	3	3
	1730	..	995·5	971·7	...	95·9	81·0	74·3	29·3	52	...	2·5	...	4·5	0	0	29	4	6	5	1	2	4	4	3	2
Karnal ...	0830	818	998·1	971·8	...	83·8	78·4	76·0	30·7	77	...	5·4	...	1·5	0	0	16	0	0	5	7	1	0	2	1	15
	1730	..	996·1	968·7	...	90·0	79·3	75·5	29·3	66	...	4·6	...	2·1	0	0	21	2	4	3	6	0	1	4	1	10
Ambala ...	0330	892	999·1	969·1	+0·6	83·6	78·7	76·8	31·0	83	+ 7	4·5	−0·3	1·6	0	0	16	2	0	3	5	0	0	2	4	15
	1730	..	995·5	966·1	...	94·3	79·9	74·5	28·2	61	...	4·3	...	1·9	0	0	17	0	0	6	2	0	1	1	7	14
Ambala (P.B.O.) ...	0530	903	998·0	967·5	...	81·8	77·9	76·4	30·9	84	...	5·3	...	3·6	0	1	19	1	0	14	4	0	0	1	1	11
	1130	..	999·2	969·0	...	88·1	79·5	76·2	30·2	69	...	5·7	...	6·1	0	1	27	2	0	9	11	1	1	0	4	3
	2330	..	998·1	967·8	...	85·5	79·3	77·1	30·7	77	...	3·0	...	3·2	0	0	18	0	0	9	5	1	0	0	3	13
Patiala ...	0830	822	998·9	971·1	...	84·1	78·1	75·4	29·4	76	...	5·1	...	2·4	0	0	23	1	0	1	17	0	0	0	4	8
	1730	..	995·6	971·1	...	90·5	79·0	73·6	28·6	60	...	5·7	...	3·3	0	1	25	7	1	2	11	0	0	3	2	5
Ludhiana ...	0830	810	999·0	971·7	+0·8	84·1	78·8	75·7	31·3	76	+ 4	3·6	−0·3	1·4	0	0	15	0	2	0	8	0	2	1	2	16
	1730	..	996·1	969·4	...	92·1	79·2	74·2	28·4	58	...	4·7	...	1·2	0	0	12	0	6	0	4	0	0	1	1	19
Ferozepur ...	0830	657	998·7	976·7	...	84·9	78·9	72·5	32·3	73	...	3·9	...	1·7	0	0	20	0	4	3	6	3	2	0	2	11
	1730	..	994·9	973·6	...	92·0	81·4	73·1	31·1	63	...	3·4	...	3·4	0	0	20	4	7	0	2	2	1	0	4	11
Amritsar ...	0530	769	998·1	972·0	...	79·3	77·4	76·5	31·2	92	...	4·5	...	5·4	0	2	27	1	6	14	4	0	0	4	0	2
	0830	..	999·1	973·2	...	84·2	78·4	75·9	31·5	77	...	4·3	...	6·4	0	2	27	1	2	9	9	3	3	2	0	2
	1130	..	999·1	973·5	...	89·7	80·2	76·2	30·8	66	...	4·3	...	4·0	0	1	30	2	2	10	9	2	2	4	0	0
	1730	..	995·8	970·3	...	90·8	80·3	75·5	30·4	63	...	3·9	...	6·1	0	1	30	4	5	9	3	1	4	1	4	0
Pathankot ...	0830	1128	999·3	961·5	...	82·9	77·0	74·2	29·0	75	...	4·7	...	1·7	0	0	22	0	7	7	4	1	1	2	0	9
	1730	..	996·8	959·6	...	89·1	78·7	74·4	28·6	63	...	5·5	...	2·5	0	0	27	0	5	4	0	4	2	7	5	4
Jammu and Kashmir																										
Srinagar ...	0830	5,205	794·0	835·2	+1·0	70·7	66·0	63·8	20·7	79	0	3·7	+0·3	2·8	0	0	20	0	1	1	10	1	0	2	5	11
	1130	..	794·4	834·8	...	79·7	69·0	64·0	20·5	60	...	3·4	...	3·3	0	0	23	1	2	0	4	4	0	4	8	8
	1730	..	791·9	831·9	...	83·1	69·8	63·2	20·0	52	...	4·0	...	3·3	0	0	22	4	1	0	4	1	0	6	6	9
Gulmarg ...	0830	8709	708·4	739·3	+3·0	61·3	57·1	54·8	14·4	80	+ 6	4·1	+0·3	4·1	0	0	30	3	9	5	3	1	4	3	2	1
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	... (a)	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	706·4	664·9	...	53·5	43·6	35·5	6·5	55	...	4·0	...	2·3	0	0	15	0	14	0	0	0	1	0	0	15
	0830	..	706·0	665·1	+0·5	61·6	49·5	39·6	8·3	45	− 8	3·9	+0·2	0·8	0	0	6	1	2	0	1	1	1	0	0	25
	1730	..	701·8	662·0	...	72·4	51·1	40·3	6·9	36	...	4·2	...	5·1	0	0	26	0	7	0	1	1	8	6	3	5
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	84·7	76·6	72·8	27·7	69	− 1	5·8	+1·7	6·1	0	0	31	0	19	0	1	0	0	1	10	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	998·1	978·7	...	88·4	78·6	74·1	28·9	70	+10	1·2	−0·9	3·3	0	0	31	0	3	4	5	4	11	3	1	0
	1730	..	994·5	975·2	...	93·7	79·1	75·1	27·4	48	...	3·0	...	2·3	0	0	28	2	7	5	3	3	6	1	1	3
Bikaner ...	0830	734	998·6	973·9	+0·7	86·0	79·6	76·8	31·5	75	+ 9	1·9	−1·0	2·7	0	0	28	0	0	0	8	0	14	0	6	3
	1730	..	994·7	970·5	...	95·6	81·8	75·6	31·8	55	...	2·8	...	5·9	0	0	29	0	3	1	9	1	12	0	0	2

(b) Mean of 29 days. (R) Register not received. (a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	997·7	972·9	...	83·3	79·9	78·1	32·8	85	...	3·6	...	3·9	0	0	21	0	0	2	1	8	9	1	0	10
	1130	,,	998·7	974·3	...	93·6	82·7	78·3	32·9	62	...	3·7	...	5·3	0	0	29	1	2	1	2	7	8	8	0	2
	2330	,,	997·8	973·1	...	87·3	81·0	78·3	32·6	76	...	2·8	...	4·3	0	0	23	0	0	1	2	17	3	0	0	8
Jaisalmer ...	0830	793	998·2	971·6	...	82·9	77·6	75·5	30·1	79	...	2·8	...	16·1	0	17	14	0	4	0	2	0	24	1	0	0
	1730	,,	994·1	968·2	...	96·6	80·8	74·0	27·2	53	...	3·6	...	16·1	0	18	13	0	2	1	3	2	22	1	0	4
Jodhpur ...	0530	736	998·6	973·6	...	81·3	77·0	75·0	29·9	82	...	4·8	...	7·9	0	6	21	0	1	0	1	0	14	9	2	0
	0830	,,	1000·1	975·2	+2·3	82·7	77·6	75·2	30·1	79	+ 9	5·3	−0·1	8·6	0	4	27	0	2	2	0	3	13	9	2	0
	1130	,,	1000·1	975·4	...	88·3	79·4	75·1	30·1	67	...	5·5	...	9·0	0	5	24	0	1	1	1	1	14	9	2	0
	1730	,,	996·5	972·0	...	90·7	79·5	74·3	29·3	63	...	5·5	...	11·3	0	10	21	1	1	2	2	0	15	6	4	2
	2330	,,	999·0	974·2	...	84·6	78·0	74·7	29·9	75	...	4·2	...	5·3	0	0	27	1	0	3	0	1	17	4	1	4
Phalodi ...	0830	767	999·4	974·7	...	83·7	77·2	74·5	29·5	76	...	3·8	...	13·3	0	16	15	2	0	2	1	6	16	3	1	0
	1730	,,	995·8	970·1	...	95·5	78·3	76·2	25·2	47	...	2·9	...	12·4	0	16	15	0	3	3	3	8	13	1	0	0
Barmer ...	0530	638	998·2	976·6	...	80·4	76·9	75·2	29·6	85	...	5·0	...	6·6	0	7	13	0	0	0	0	0	13	5	2	11
	0830	,,	999·8	978·2	+1·2	82·0	77·3	75·1	29·8	80	+ 4	5·8	+0·4	6·3	0	2	22	0	0	1	0	2	16	3	2	7
	1130	,,	999·9	978·5	...	88·7	78·7	74·2	29·3	64	...	5·5	...	3·5	0	0	25	0	1	1	2	2	14	4	1	6
	1730	,,	995·8	974·7	...	93·7	79·5	73·1	28·2	54	...	4·6	...	4·5	0	1	26	0	1	1	2	11	8	4	0	4
	2330	,,	998·7	977·2	...	85·3	77·8	74·3	28·8	70	...	4·2	...	5·1	0	2	25	0	0	0	2	4	10	10	1	4
Rajasthan, East																										
Sikar ...	0830	1419	999·3	952·0	...	83·3	76·6	73·1	28·2	70	...	4·1	...	3·9	0	0	30	4	2	3	2	4	9	6	0	1
	1730	,,	995·8	949·0	...	86·6	78·0	72·4	28·8	57	...	6·1	...	2·1	0	0	28	0	1	7	4	3	5	2	6	3
Jaipur ...	0830	1431	999·5	951·5	+0·2	83·7	77·5	77·9	29·5	75	+ 2	4·7	−0 5	6·4	0	5	22	3	4	3	1	2	1	11	2	4
	1130	,,	999·1	951·9	...	89·0	78·9	74·3	29·3	63	...	5·2	...	8·1	0	8	22	2	6	3	5	0	2	8	4	1
	1730	,,	996·0	949·0	...	88·0	78·6	74·5	29·6	66	...	6·1	...	7·2	0	0	29	1	5	7	2	0	9	4	1	2
Jaipur (Sanganer Aerodrome) ...	0530	1282	998·1	955·0	...	79·7	75·6	73·7	28·4	83	...	5·2	...	6·8	0	1	28	1	5	6	1	0	0	11	5	2
	0830	,,	999·2	956·3	...	83·2	76·4	73·3	28·0	73	...	5·0	...	9·9	0	9	18	3	3	5	0	0	0	10	6	4
	1130	,,	998·9	957·1	...	88·0	77·6	72·7	28·0	62	...	5·6	...	11·5	0	9	22	4	6	5	2	1	0	11	2	0
	1730	,,	995·7	953·4	...	88·3	78·0	73·0	28·3	64	...	6·0	...	10·1	0	8	22	1	3	8	2	0	1	12	3	1
	2330	,,	998·6	955·7	...	82·4	76·6	73·8	28·7	77	...	4·7	...	6·4	0	3	20	1	1	7	1	0	3	8	2	8
Ajmer ...	0830	1593	1000·1	946·9	+0·5	79·9	74·7	72·4	27·0	79	+5	6·2	+1 4	6·8	0	4	24	0	4	1	2	1	11	8	1	3
	1730	,,	996·4	944·0	...	85·9	76·0	71·4	26·1	65	...	5·4	...	4·8	0	0	29	3	4	1	1	1	12	7	0	2
Kotah ...	0530	843	998·2	969·7	...	80·5	76·1	74·1	28·6	82	...	4·2	...	4·2	0	0	25	0	1	0	0	0	11	6	7	6
	0830	,,	999·6	971·2	+0·3	82·4	76·7	74·0	28·3	77	+ 7	5·5	+0·2	4·3	0	0	27	3	0	2	0	0	6	12	4	4
	1130	,,	999·6	971·4	...	86·9	78·0	73·9	28·4	69	...	6·3	...	4·7	0	0	27	2	2	2	0	0	4	11	6	4
	1730	,,	996·5	968·5	...	87·3	77·7	73·0	28·2	67	...	5·7	...	3·7	0	0	28	2	2	1	2	1	5	8	7	3
	2330	,,	999·0	970·6	...	82·9	76·7	73·5	28·6	75	...	4·5	...	3·4	0	0	23	1	1	1	0	0	12	6	2	8
Jhalawar ...	0830	1053	1000·0	964·5	+0·1	79·9	75·5	73·5	28·1	81	0	4·3	−2·0	5·7	0	0	26	3	0	0	1	0	5	15	3	5
	1730	,,	996·8	961·8	...	85·6	76·3	71·7	26·4	67	...	5·5	...	4·8	0	0	29	2	2	0	0	0	5	15	5	2
Udaipur ...	0530	1910	889·8	935·8	...	75·8	72·6	71·3	26·1	86	...	6·4	...	4·0	0	1	19	0	1	0	0	4	7	6	2	11
	0830	,,	891·2	937·1	+0·3	77·8	73·3	71·4	27·6	81	+ 5	6·7	+1·3	4·8	0	1	24	1	0	0	0	5	6	12	1	6
	1130	,,	891·8	937·5	...	77·2	74·5	71·3	27·7	73	...	7·0	...	4·8	0	0	27	0	0	1	1	6	8	9	2	4
	1730	,,	889·7	935·1	...	81·9	74·7	71·5	26·2	73	...	6·7	...	5·1	0	2	24	0	1	0	2	4	10	8	1	5
	2330	,,	890·9	936·9	...	77·8	73·8	72·6	26·9	84	...	5·2	...	2·8	0	0	20	0	0	0	1	5	8	4	2	11
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	997·8	974·5	...	80·4	76·7	74·9	29·7	85	...	5·9	...	4·7	0	1	21	2	3	3	0	1	6	5	2	9
	0830	,,	998·9	975·8	+0·5	82·8	77·7	75·2	30·1	79	+ 2	6·3	+0·5	5·7	0	2	24	3	4	4	2	0	6	3	4	5
	1130	,,	999·1	976·0	...	86·8	79·2	75·7	30·6	71	...	5·8	...	7·1	0	2	25	1	4	6	1	1	3	6	5	4
	1730	,,	996·1	973·2	...	86·9	78·6	75·4	29·6	71	...	6·1	...	5·0	0	0	25	1	2	8	1	1	4	3	5	6
	2330	,,	998·5	975·3	...	82·0	77·8	76·0	30·6	83	...	3·7	...	3·8	0	0	20	2	0	5	1	1	9	0	2	11
Sheopur Kalan ...	0830	771	998·3	971·9	...	81·9	78·7	77·1	32·1	86	...	6·6	...	5·0	0	1	23	3	4	0	0	3	7	7	0	7
	1730	,,	996·0	970·1	...	88·4	82·5	78·9	35·2	76	...	6·5	...	4·5	0	0	24	2	7	1	0	1	5	8	0	4
Guna ...	0530	1571	998·7	946·0	...	76·0	74·1	73·3	28·0	91	...	6·0	...	5·0	0	0	29	1	1	2	2	1	8	10	4	2
	0830	,,	999·7	947·0	−0·3	78·5	75·4	74·6	28·8	88	+ 5	6·6	+0·8	6·0	0	1	29	6	0	1	0	2	8	11	2	3
	1130	,,	999·8	947·6	...	82·6	77·6	75·8	30·3	81	...	7·0	...	6·7	0	2	29	2	2	0	1	2	7	14	3	1
	1730	,,	996·5	944·6	...	84·4	78·0	75·3	30·1	77	...	6·6	...	6·2	0	0	31	4	1	2	0	1	5	17	1	0
	2330	,,	999·3	946·7	...	78·6	75·9	74·4	29·5	88	...	5·1	...	4·0	0	0	26	2	1	3	1	0	9	8	2	5
Neemuch ...	0830	1626	1001·1	946·5	+0·4	77·5	74·1	72·2	27·2	84	+ 4	6·3	+0·5	7·9	0	3	28	0	3	0	0	0	13	12	3	0
	1730	,,	998·3	944·4	...	82·3	74·5	70·9	25·7	72	...	6·9	...	9·3	0	7	23	1	3	0	0	0	9	15	2	2
Ratlam ...	0830	1596	1001·4	947·7	...	75·8	73·5	72·1	27·2	88	...	7·6	...	8·3	0	2	29	0	0	0	0	1	8	20	2	5
	1730	,,	998·5	945·4	...	81·7	78·1	71·8	31·3	75	...	7·2	...	8·3	0	3	27	1	0	1	0	0	4	19	5	0
Indore ...	0530	1861	889·8	938·0	...	73·2	71·4	70·5	25·5	92	...	6·8	...	11·3	0	13	18	0	0	0	0	0	10	21	0	1
	0830	,,	891·4	939·3	−0·6	76·1	72·6	70·9	25·9	84	− 3	6·9	−0·3	15·5	0	22	9	0	0	0	0	0	7	21	3	0
	1130	,,	891·8	939·3	...	79·8	73·2	69·9	25·3	74	...	6·9	...	...	0	20	11	0	0	0	0	1	7	17	6	0
	1730	,,	889·4	936·6	...	81·6	73·8	70·4	25·3	71	...	6·7	...	14·1	0	16	15	1	0	1	1	1	9	14	4	0
	2330	,,	890·9	938·9	...	74·7	71·9	70·3	25·6	87	...	5·3	...	10·1	0	9	18	1	0	0	0	3	8	14	1	0
Bhopal (Bairagarh) ...	0530	1714	888·8	942·1	...	74·4	71·7	70·4	25·5	88	...	6·1	...	11·5	0	13	17	1	0	0	0	1	7	18	3	4
	0830	,,	890·3	943·5	−0·1	76·7	72·9	71·3	26·1	84	− 2	6·3	−0·3	16·9	0	26	4	0	0	0	0	1	5	18	6	1
	1130	,,	890·9	943·5	...	81·9	74·5	71·3	26·1	72	...	7·2	...	16·5	0	21	10	1	0	0	0	2	4	14	10	1
	1730	,,	888·3	940·7	...	83·1	74·2	70·0	25·0	68	...	6·9	...	14·9	0	20	10	3	0	1	0	2	2	15	7	1
	2330	,,	889·8	942·9	...	76·6	72·5	70·6	25·6	82	...	5·3	..	11·2	0	10	20	1	0	0	0	2	10	13	4	1
Vindhya Pradesh																										
Nowgong ...	0830	750	999·3	973·9	−0·1	80·7	76·5	74·5	29·3	83	+ 3	5·4	−0·3	4·3	0	1	27	2	4	1	1	6	10	2	2	3
	1730	,,	996·1	971·0	...	86·2	78·9	75·5	30·4	73	...	5·7	...	2·6	0	0	30	1	4	4	1	0	11	1	8	3
Sutna ...	0830	1041	999·1	964·1	+0·2	81·1	76·6	74·5	29·2	81	+ 2	5·6	−0·6	4·4	0	0	28	4	3	0	2	1	9	8	1	1
	1730	,,	996·4	961·2	...	84·2	78·2	75·2	30·2	76	...	5·7	...	4·4	0	0	30	3	1	2	4	2	7	5	6	1

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	999·6	949·1	...	79·3	75·8	74·9	29·0	87	+ 4	6·6	–0·4	3·5	0	0	26	0	1	0	1	0	10	3	11	5
	1730	,,	996·7	947·0	...	83·5	79·4	77·9	32·7	84	...	6·5	...	2·7	0	0	22	0	1	0	2	0	4	0	15	9
Madhya Pradesh, East																										
Gondia ...	0830	1026	1001·7	967·0	...	79·5	75·5	73·6	28·3	83	...	4·9	...	2·6	0	0	25	2	0	0	1	0	13	1	8	6
	1730	,,	998·0	963·7	...	84·4	77·3	74·0	28·8	74	...	5·2	...	2·8	0	0	30	4	1	0	1	1	8	10	5	1
Pendra ...	0530	2048	889·7	930·8	...	74·7	72·5	71·5	26·4	91	...	6·2	...	2·3	0	0	18	1	0	0	1	7	2	3	4	13
	0830	,,	891·0	932·0	+0·1	77·3	73·5	71·6	26·7	84	0	6·6	+0·8	3·4	0	0	29	3	0	0	1	8	0	2	15	2
	1130	,,	891·2	931·8	...	81·3	74·9	72·3	26·9	76	...	7·7	...	6·6	0	1	29	3	2	0	0	6	4	3	12	1
	1730	,,	888·8	929·3	...	81·2	74·8	72·2	26·9	77	...	7·5	...	4·3	0	0	28	9	0	0	0	7	5	2	5	3
	2330	,,	890·6	931·6	...	76·1	73·7	72·7	27·4	90	...	6·5	...	3·1	0	0	22	4	0	0	0	11	5	2	0	9
Raigarh ...	0830	723	999·9	975·5	...	81·5	77·4	75·3	30·3	82	...	6·8	...	2·5	0	0	27	2	2	0	1	5	9	6	2	4
	1730	,,	996·7	972·5	...	84·2	78·3	75·2	30·4	73	...	6·4	...	1·3	0	0	17	1	0	0	1	2	6	4	3	14
Ambikapur ...	0830	1989	890·7	933·7	...	77·8	74·4	72·9	26·7	84	...	4·3	...	5·1	0	0	30	3	5	0	0	2	10	7	3	1
	1730	,,	888·5	931·0	...	81·8	74·9	71·7	26·7	74	...	4·2	...	5·0	0	0	31	4	2	1	1	2	6	9	6	0
Champa ...	0830	805	1000·4	973·2	...	80·6	76·7	75·1	29·6	84	...	6·8	...	4·6	0	1	28	1	0	0	1	1	6	17	3	2
	1730	,,	996·9	970·0	...	86·0	78·9	74·2	30·5	71	...	7·4	...	4·9	0	1	30	1	1	0	2	2	6	13	6	0
Raipur ...	0530	979	999·6	966·4	...	77·9	74·4	72·7	27·5	85	...	6·3	...	4·3	0	0	25	0	0	1	0	1	18	4	1	6
	0830	,,	1000·8	967·7	0	80·1	75·3	73·0	28·0	80	– 4	6·8	+0·4	5·9	0	0	30	0	1	0	0	1	10	15	3	1
	1130	,,	1000·7	967·6	...	85·1	76·7	72·6	27·3	69	...	7·0	...	7·2	0	1	30	3	0	0	0	0	9	12	7	0
	1730	,,	997·5	964·9	...	81·5	76·5	72·1	29·1	70	...	6·8	...	5·9	0	1	30	2	0	0	0	1	12	11	2	0
	2330	,,	1000·5	967·4	...	79·5	75·1	72·8	28·2	82	...	6·1	...	4·9	0	1	27	0	0	0	0	3	20	3	2	3
Kanker ...	0830	1318	1001·9	957·6	+0·9	79·6	74·7	72·4	27·1	79	– 3	6·9	–0·5	3·2	0	0	21	0	0	0	0	0	7	13	1	10
	1730	,,	998·7	954·7	...	82·5	75·7	72·5	27·3	74	...	7·1	...	2·5	0	0	23	0	1	0	0	1	13	5	3	8
Chanda ...	0830	634	1002·6	981·0	+0·2	81·5	76·7	74·6	29·2	80	+ 2	7·2	+1·0	4·9	0	1	28	0	0	0	0	1	13	15	0	2
	1730	,,	998·9	977·9	...	86·8	80·7	77·8	33·4	75	...	7·1	...	6·6	0	1	29	2	0	0	2	2	4	5	10	5	1
Sironcha ...	0830	405	1003·2	989·9	...	82·1	76·3	73·8	28·4	77	...	6·1	...	4·2	0	0	29	4	0	0	2	3	6	5	9	2
	1730	,,	999·5	985·9	...	89·4	80·2	73 2	32·0	64	...	7·1	...	3·3	0	0	30	4	1	0	3	3	2	3	7	1
Jagdalpur(P.B.O.)...	0530	1813	890·5	940·3	...	73·2	71·6	70·9	25·8	93	...	7·1	...	2·8	0	0	19	1	0	0	1	5	9	2	1	12
	0830	,,	892·1	941·7	+0·3	76·4	72·9	71·4	26·2	85	+ 1	6·7	+0·1	3·7	0	0	22	0	0	0	0	2	10	8	2	9
	1130	,,	892·4	941·5	...	80·5	74·1	71·2	26·1	75	...	7·5	...	5·4	0	0	29	1	0	1	0	0	8	15	4	2
	1730	,,	890·1	939·2	...	79·3	73·6	70·9	26·0	77	...	7·7	...	5·2	0	0	29	1	1	0	3	1	1	10	2	2
	2330	,,	891·8	941·6	...	74·6	72·4	71·5	26·3	90	...	6·9	...	3·2	0	0	21	0	0	0	1	2	11	5	2	10
Madhya Pradesh, West																										
Buldhana ...	0830	2133	893·2	931·5	...	74·0	70·8	69·3	24·5	85	...	6·5	...	6·3	0	0	31	1	0	0	0	0	2	15	13	0
	1730	,,	891·4	929·0	...	82·5	72·5	68·3	23·2	64	...	6·7	...	5·8	0	0	31	2	0	0	0	0	6	2	21	0
Akola ...	0830	925	1002·7	971·3	+0·3	80·1	74·6	72·2	26·8	77	– 1	7·3	+1·0	10·2	0	5	26	1	0	0	0	0	8	17	5	0
	1130	,,	1002·1	971·0	...	85·3	75·7	71·0	26·0	64	...	7·0	...	11·2	0	10	21	0	0	0	0	0	3	20	8	0
	1730	,,	998·5	967·7	...	87·2	75·3	69·1	24·3	59	...	7·3	...	10·5	0	6	25	0	0	0	0	2	0	19	8	0
Akola (Aerodrome) ...	0530	1015	1001·2	966·6	...	75·5	72·5	71·3	26·1	86	...	6·7	...	6·6	0	3	28	0	1	0	0	0	6	17	7	0
	2330	,,	1001·9	967·5	...	78·3	74·1	72·0	26·9	83	...	7·0	...	6·2	0	2	28	1	0	0	0	3	8	12	6	1
Amravati ...	0830	1213	1002·3	961·3	+0·2	77·9	73·2	70·8	25·8	79	– 2	6·6	+0·4	6·3	0	0	31	0	0	0	0	0	5	24	2	0
	1730	,,	998·3	958·0	...	85·1	74·5	68·8	24·4	62	...	6·5	...	5·9	0	0	30	1	0	0	0	0	8	5	11	1
Yeotmal ...	0830	1481	1002·5	952·7	...	77·4	73·4	71·3	26·3	82	...	6·9	...	14·8	0	20	10	0	0	0	0	0	18	1	11	1
	1730	,,	998·6	949·4	...	83·6	75·0	70·7	25·8	69	...	6·9	...	11·1	0	10	21	0	0	1	0	0	17	1	11	0
Khandwa ...	0830	1044	1002·0	966·8	+0·2	79·3	75·2	73·1	28·0	82	+ 2	6·5	+0·4	10·5	0	9	22	0	0	0	1	0	10	19	2	0
	1730	,,	998·1	963·3	...	85·9	77·4	73·6	28·2	69	...	7·5	...	8·8	0	2	29	2	0	0	1	0	11	14	3	0
Hoshangabad ...	0830	992	1001·2	967·5	–0·3	78·1	74·8	73·1	28·0	85	– 1	7·0	+0·1	2·3	0	0	28	0	0	0	0	3	15	10	0	3
	1730	,,	997·2	964·0	...	84·3	76·2	72·3	27·2	71	...	6·6	...	3·0	0	0	31	2	0	0	0	3	13	6	4	0
Sagar ...	0830	1808	889·5	939·3	–0·1	76·0	73·1	71·7	26·5	88	+ 5	6·6	+0·4	14·7	0	20	11	1	0	0	0	1	3	14	10	2	0
	1730	,,	887·7	936·8	...	82·1	75·1	71·7	26·8	73	...	6·3	...	12·1	0	18	13	1	0	0	0	1	3	11	11	5	0
Jabalpur ...	0530	1289	999·1	955·5	...	75·9	73·6	72·5	27·3	89	...	5·8	...	3·5	0	0	27	0	0	0	0	0	3	5	16	3	0	4
	0830	,,	1000·3	956·9	+0·3	78·8	74·7	72·8	27·5	83	0	6·6	–0·1	4·5	0	0	29	0	0	0	0	0	1	2	15	10	1	3
	1130	,,	1000·0	956·9	...	82·7	76·7	72·9	27·8	75	...	6·8	...	4·5	0	0	30	0	0	0	0	0	1	1	12	15	1	1
	1730	,,	997·0	954·1	...	83·8	76·3	71·6	27·6	72	...	7·0	...	4·5	0	0	31	0	0	0	0	1	1	2	12	9	6	0
	2330	,,	999·7	956·3	...	78·8	75·2	73·4	28·3	85	...	5·8	...	3·1	0	0	25	0	0	0	0	0	1	2	12	4	0	6
Mandla ...	0830	1452	1000·8	952·1	...	78·1	74·4	72·9	27·4	84	...	6·5	...	4·3	0	0	29	5	0	0	0	2	4	6	10	2
	1730	,,	997·3	949·2	...	83·2	76·0	72·9	27·4	73	...	6·3	0	5·4	0	0	31	4	0	1	1	2	5	6	11	0
Seoni ...	0830	2027	888·4	930·0	–3·1	77·2	72·7	70·5	25·4	80	– 3	6·3	...	4·6	0	0	29	1	0	1	0	0	1	17	2	8	2
	1730	,,	887·0	928·1	...	81·0	73·5	73·0	24·8	71	...	6·8	...	3·7	0	0	30	0	1	0	0	3	9	6	11	1
Chhindwara ...	0830	2248	892·5	926·7	...	75·7	71·7	69·8	24·9	83	...	6·0	...	5·5	0	0	29	1	0	1	0	0	1	1	20	6	2
	1730	,,	890·3	924·0	...	81·0	72·8	69·3	24·2	71	...	6·0	...	6·1	0	0	31	4	1	0	0	0	1	2	15	8	0	0
Betul ...	0830	2144	892·5	930·4	...	74·6	71·4	69·4	24·9	85	...	7·8	...	8·1	0	1	30	0	1	0	0	0	1	2	7	16	8	0
	1730	,,	890·1	927·8	...	80·2	72·8	69·3	24·5	72	...	7·0	...	6·2	0	0	31	2	1	0	0	1	0	6	10	11	0	0
Nagpur ...	0530	1010	1000·5	966·2	...	76·8	73·7	72·2	27·3	89	...	6·2	...	6·3	0	0	29	0	1	0	0	1	0	7	17	3	2	1
	0830	,,	1001·8	967·6	+0·2	80·1	75·0	72·0	27·8	78	0	6·6	+0·1	9·8	0	8	22	1	0	1	0	0	2	7	6	11	10	1
	1130	,,	1001·2	967·4	...	84·9	76·2	72·1	27·5	68	...	6·9	...	10·7	0	8	23	2	1	0	0	0	0	7	15	6	1	0
	1730	,,	998·7	964·3	...	85·9	75·7	71·2	26·4	65	...	7·3	...	9·3	0	7	22	4	1	0	0	0	6	12	6	2	1	0
	2330	,,	1001·3	967·0	...	78·6	74·4	72·3	27·7	3	...	6·8	...	6·1	0	3	25	0	0	1	0	3	8	14	2	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1000·9	985·7	+0·3	80·4	77·1	75·6	30·3	86	...	6·9	...	...	0	0	30	2	0	0	3	8	12	5	0	1
	1730	,,	997·6	982·8	...	87·9	78·6	74·1	29·2	68	...	5·9	...	...	0	0	31	3	1	2	3	4	16	1	1	0
Surat ...	0530	39	1001·9	1000·6	...	79·8	77·9	77·6	31·8	92	...	6·5	...	6·7	0	0	31	0	0	1	1	1	23	5	0	0
	0830	,,	1002·9	1001·6	+0·4	81·8	78·8	77·5	32·3	87	+ 4	6·7	−0·2	5·9	0	0	31	0	0	0	2	1	26	1	1	0
	1130	,,	1003·6	1002·3	...	84·9	80·0	78·3	32·8	81	...	6·6	...	9·0	0	3	28	0	0	0	2	0	24	4	1	0
	1730	,,	1000·6	999·3	...	84·6	79·9	78·3	32·8	82	...	6·1	...	10·0	0	3	28	0	0	0	0	0	31	0	0	0
	2330	,,	1003·2	1001·9	...	81·1	78·8	78·2	32·6	91	...	5·8	...	7·8	0	0	31	0	0	0	0	0	28	2	1	0
Ahmedabad ...	0530	182	1000·6	994·3	...	78·8	76·5	75·4	30·1	90	...	6·0	...	9·3	0	6	24	0	0	0	1	4	13	10	2	1
	0830	,,	1001·8	995·6	+0·2	80·6	77·4	75·9	30·7	86	+ 3	6·3	−0·1	10·1	0	4	27	0	0	0	0	3	17	9	2	0
	1130	,,	1002·0	995·8	...	85·1	78·8	76·1	30·7	76	...	6·9	...	10·4	0	7	23	2	0	0	0	1	8	18	1	1
	1730	,,	998·7	992·5	...	86·9	78·6	74·9	29·6	72	...	6·9	...	10·8	0	6	25	0	0	0	1	8	10	9	3	0
	2330	,,	1001·5	995·3	...	80·9	77·1	75·1	30·1	84	...	6·0	...	9·9	0	5	26	0	0	0	1	1	14	12	3	0
Dohad ...	0830	1093	1002·0	965·0	...	77·9	74·6	73·0	27·8	86	− 2	6·5	−0·8	17·2	0	26	5	0	0	0	0	1	16	14	0	0
	1730	,,	998·8	962·4	...	84·1	75·5	71·2	25·3	69	...	6·4	...	12·3	0	16	14	0	1	0	0	0	16	13	0	1
Baroda ...	0530	115	1001·3	997·3	...	78·8	77·4	76·7	31·5	94	...	5·3	...	2·8	0	0	23	0	0	0	0	5	16	2	0	8
	0830	,,	1002·6	998·6	...	80·4	78·2	77·2	32·0	91	+ 6	6·0	−1·0	2·8	0	0	27	0	0	0	0	1	7	15	4	0	4
	1130	,,	1002·6	998·7	...	85·5	79·3	76·7	31·4	76	...	6·4	...	3·4	0	0	28	0	0	0	0	6	17	5	0	3
	1730	,,	999·6	995·6	...	85·9	79·8	76·6	31·5	74	...	5·8	...	4·8	0	0	31	0	0	0	0	5	21	4	1	0
	2330	,,	1002·1	998·2	...	80·9	78·8	77·9	32·7	91	...	6·0	...	4·5	0	0	27	0	0	0	0	7	19	1	0	4
Baroda (Aerodrome) ...	0530	124	1001·3	997·0	...	78·6	76·4	75·4	30·1	90	...	6·7	...	3·5	0	0	27	0	0	0	0	0	21	6	0	4
	0830	,,	1002·6	998·3	...	80·7	77·7	76·4	31·1	87	...	6·8	...	5·0	0	0	31	0	0	0	0	0	23	8	0	0
	1730	,,	999·5	995·3	...	85·5	78·2	74·4	29·1	71	...	7·0	...	7·5	0	3	27	1	0	0	0	3	20	5	1	1
	2330	,,	1002·1	997·8	...	81·2	77·7	76·1	30·8	85	...	6·6	...	6·7	0	0	30	0	0	0	0	2	22	6	0	1
Broach ...	0830	57	1002·5	1000·5	...	80·7	77·2	75·6	30·3	85	...	6·4	...	5·4	0	0	31	0	1	0	0	1	21	5	3	0
	1730	,,	999·8	997·8	...	85·8	78·1	74·5	29·4	71	...	5·5	...	7·7	0	0	31	0	0	0	0	0	26	3	2	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1000·9	989·2	+0·7	81·2	77·1	75·3	29·9	83	+ 4	6·4	+0·4	8·0	0	2	28	1	0	0	0	0	15	12	2	1
	1730	,,	998·9	987·3	...	85·4	77·5	73·5	28·1	67	...	6·1	...	15·8	0	25	6	0	0	0	0	1	16	13	1	0
Bhuj (P.B.O.) ...	0530	347	999·6	987·8	...	80·3	76·9	75·5	30·0	85	...	5·9	...	7·7	0	4	25	0	0	0	0	1	22	4	2	2
	0830	,,	1000·5	988·7	...	81·8	77·5	75·7	30·3	83	...	6·7	...	8·1	0	1	29	0	0	0	0	0	23	4	3	1
	1130	,,	1000·6	988·9	...	85·9	78·3	75·3	29·6	72	...	6·6	...	9·4	0	3	28	0	0	1	0	0	21	8	1	0
	1730	,,	998·4	986·8	...	86·7	77·8	73·5	28·5	68	...	6·6	...	11·0	0	9	21	0	0	0	0	1	24	4	1	1
	2330	,,	1000·8	989·0	...	81·5	77·2	75·4	29·9	83	...	5·5	...	8·5	0	1	29	0	0	0	0	2	22	6	0	1
Dwarka ...	0830	37	1002·0	1000·7	+0·9	82·0	79·0	77·7	32·5	87	+ 4	7·0	+0·4	18·9	0	28	3	1	0	0	0	0	12	18	0	0
	1730	,,	1000·3	999·0	...	83·0	79·4	77·7	32·6	85	...	6·6	...	18·7	0	28	3	1	0	0	0	0	14	16	0	0
Jamnagar ...	0530	74	1000·0	997·4	...	79·6	76·8	75·5	30·2	88	...	4·6	...	13·5	0	16	15	0	0	0	0	1	22	8	0	0
	0830	,,	1001·0	998·4	+0·2	81·6	77·7	76·2	30·7	84	+ 3	5·8	+0·9	13·0	0	17	14	0	1	0	0	1	21	8	0	0
	1130	,,	1001·2	998·7	...	86·0	78·6	75·3	30·1	72	...	6·5	...	17·3	0	22	9	0	0	0	1	1	12	15	2	0
	1730	,,	999·1	996·5	...	85·6	78·6	75·6	30·3	74	...	6·3	...	21·6	0	28	3	1	0	0	0	1	10	17	2	0
Rajkot ...	0830	432	1001·0	987·0	+0·6	79·9	77·8	76·3	31·6	89	+ 8	5·7	−0·9	18·7	0	29	2	0	0	0	0	1	18	10	2	0
	1730	,,	999·1	984·5	...	86·3	78·6	75·2	29·9	73	...	7·0	...	23·6	0	30	1	0	0	0	0	0	14	15	2	0
Rajkot (Aerodrome) ...	0530	439	1000·9	985·8	...	77·4	76·4	75·9	30·6	95	...	4·7	...	17·9	0	25	6	0	0	0	0	3	22	5	1	0
	0830	,,	1002·3	987·3	...	79·9	77·7	76·7	31·5	91	...	6·1	...	19·2	0	28	3	0	0	0	0	3	23	4	1	0
	1130	,,	1002·2	987·4	...	85·0	79·2	76·6	31·4	78	...	6·5	...	23·4	0	39	1	1	0	0	0	0	0	6	22	3
Veraval ...	0530	26	1001·8	1000·9	...	80·9	78·0	76·7	31·5	87	...	4·7	...	15·7	3	13	10	0	0	1	1	3	10	9	2	4
	0830	,,	1003·0	1002·1	+0·6	81·5	78·4	77·0	31·7	86	+ 1	6·9	+0·3	19·9	0	21	10	0	0	0	0	0	5	22	4	0
	1130	,,	1003·5	1002·6	...	82·8	79·0	77·3	32·1	84	...	6·5	...	18·7	0	21	10	0	0	0	0	0	5	23	3	0
	1730	,,	1001·3	1000·4	...	82·4	78·7	77·1	31·8	84	...	6·5	...	19·5	0	26	5	0	0	0	0	0	6	22	3	0
	2330	,,	1003·1	1002·2	...	81·2	78·3	77·1	31·8	88	...	5·5	...	22·3	0	29	2	0	0	0	0	0	6	23	2	0
Bhavnagar ...	0830	55	1003·2	1001·3	+1·4	80·5	77·1	75·6	30·2	86	+10	6·1	−0·2	7·3	0	0	31	0	0	0	0	2	15	12	2	0
	1730	,,	1000·2	998·3	...	87·4	79·5	76·3	30·8	71	...	6·9	...	8·1	0	0	31	0	0	1	0	4	11	14	1	0
Bhavnagar (Aerodrome) ...	0830	35	1002·7	1001·5	...	81·6	77·2	75·1	29·9	81	...	6·3	...	15·9	0	22	9	1	0	0	0	0	10	18	2	0
	1130	,,	1002·6	1001·4	...	87·1	77·9	73·7	28·5	66	...	6·9	...	19·0	0	26	5	1	0	0	0	0	8	20	2	0
Konkan																										
Dahanu ...	0830	15	1004·1	1003·6	...	81·5	80·0	78·7	34·3	92	...	7·5	...	19·8	0	26	5	0	0	1	1	0	12	17	0	0
	1730	,,	1002·4	1001·9	...	83·1	80·6	79·3	34·5	90	...	6·5	...	19·9	1	25	5	0	0	0	1	1	12	17	0	0
Bombay (Colaba) ...	0830	35	1005·2	1004·0	+0·8	81·7	77·9	76·2	30·9	84	+ 1	6·6	−0·4	13·2	0	14	16	0	0	0	0	0	8	19	3	1
	1130	,,	1005·7	1004·5	...	83·5	78·7	76·5	31·3	80	...	7·2	...	10·5	0	11	20	0	0	0	0	0	8	21	2	0
	1730	,,	1004·6	1002·4	...	83·1	78·3	76·1	30·8	80	...	6·7	...	13·7	0	17	14	0	0	0	0	2	6	21	2	0
Bombay (Santa-cruz Aerodrome) ...	0530	27	1003·7	1002·8	...	80·1	77·0	75·6	30·3	87	...	6·4	...	12·7	0	14	16	1	0	1	1	0	9	17	1	1
	0830	,,	1005·0	1004·1	+0·6	81·6	78·1	76·5	31·3	85	+ 4	7·0	0	12·2	0	16	12	1	1	0	0	0	8	14	4	3
	1130	,,	1005·6	1004·7	...	83·2	78·5	76·2	31·2	81	...	6·8	...	14·1	0	19	12	0	1	0	0	0	8	17	5	0
	1730	,,	1003·4	1002·5	...	82·8	77·9	75·9	30·5	80	...	7·0	...	13·9	0	18	12	0	0	0	0	0	7	19	4	1
	2330	,,	1005·3	1004·4	...	81·2	77·5	75·9	30·5	84	...	6·3	...	11·4	0	14	15	0	0	0	0	1	7	19	2	2
Alibag ...	0830	23	1005·5	1004·7	+0·7	81·6	79·0	78·0	32·7	89	+ 5	7·0	−0·6	17·4	1	21	7	0	0	0	0	0	16	10	3	2

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1006·1	1003·8	...	80·8	78·1	77·0	31·7	88	...	6·9	...	16·6	0	23	8	1	1	0	0	0	6	19	4	0
	1730	..	1004·7	1002·4	...	81·4	78·2	76·7	31·5	86	...	7·1	...	15·9	0	21	9	0	0	0	1	0	7	17	5	1
Ratnagiri ...	0830	116	1006·4	1002·4	+0·4	80·5	77·1	75·6	30·2	86	...	7·0	...	...	0	24	7	1	0	0	0	0	13	10	7	0
	1730	..	1005·1	1001·1	...	81·7	77·4	75·5	30·2	82	...	6·9	...	...	0	18	13	1	0	0	0	0	19	9	3	0
Devgad ...	0830	117	1006·9	1002·9	...	80·6	77·8	76·7	31·3	88	...	6·9	...	19·9	0	24	7	1	0	0	0	0	1	16	13	0
	1730	..	1005·4	1001·4	...	81·6	78·1	76·6	31·3	85	...	7·0	...	19·8	0	27	4	1	0	0	0	0	0	19	11	0
Vengurla ..	0530	29	1006·4	1005·4	...	78·0	75·9	74·9	29·6	90	...	6·1	...	...	0	3	11	0	0	0	0	0	3	10	1	17
	0830	..	1007·7	1006·7	...	79·8	76·9	75·7	30·3	87	...	7·1	...	...	0	0	14	0	1	0	0	0	2	8	3	17
	1130	..	1008·3	1007·3	...	81·7	77·9	76·1	30·9	84	...	6·8	...	...	0	0	18	0	0	0	0	0	5	11	2	13
	1730	..	1003·2	1005·2	...	81·0	77·0	75·2	29·9	83	...	7·0	...	...	0	0	16	0	0	0	0	0	7	9	0	15
	2330	..	1008·0	1007·0	...	78·5	76·2	75·3	29·8	90	...	6·0	...	...	0	1	11	1	0	0	0	0	2	8	1	19
Marmagao ...	0830	202	1007·8	1000·8	+0·9	79·5	76·6	75·4	29·9	87	+ 1	5·6	-1·3	7·2	0	0	31	1	1	1	0	0	8	15	5	0
	1730	..	1006·0	999·1	...	80·1	76·9	75·6	30·1	87	...	6·2	...	7·9	0	0	31	0	1	0	0	0	5	18	7	0
Honavar ...	0830	85	1008·6	1005·7	...	78·4	76·9	76·4	30·9	94	...	6·8	...	3·6	0	0	27	0	0	5	4	0	5	9	4	4
	1730	..	1006·8	1003·9	...	80·8	77·9	76·6	31·4	87	...	6·5	...	4·0	0	0	29	0	0	2	0	0	6	15	6	2
Deccan (Desh)																										
Jalgaon ...	0830	660	1003·1	980·5	...	79·3	74·7	72·3	27·3	80	...	6·1	...	12·5	0	14	16	0	0	0	0	1	4	16	9	1
	1730	..	999·3	977·2	...	87·7	75·8	69·8	25·2	59	...	6·0	...	18·8	0	24	7	3	0	0	0	2	8	11	7	0
Malegaon ...	0830	1432	1003·3	955·2	+0·6	79·7	73·1	69·0	24·9	71	- 3	5·8	-0·2	4·3	0	0	30	0	0	0	0	1	10	11	8	1
	1730	..	1000·3	952·7	...	83·1	73·9	68·9	24·4	65	...	5·6	...	3·9	0	0	31	0	0	0	0	0	0	8	21	2	0
Deolali ...	0830	1875	893·8	941·4	...	75·1	71·9	70·3	25·4	85	...	7·0	...	12·2	0	12	19	0	0	0	0	0	17	14	0	0
Ahmednagar ...	0830	2154	894·9	932·4	+0·4	75·8	70·7	68·1	23·6	77	0	6·7	+0·9	7·8	0	2	28	0	0	0	0	0	14	14	2	1
	1730	..	892·7	929·8	...	81·5	71·3	66·1	22·0	61	...	6·5	...	7·2	0	1	29	0	0	0	0	1	17	6	6	1
Poona ...	0530	1835	892·3	941·8	...	72·6	70·0	68·7	24·0	87	...	5·6	...	3·0	0	0	23	0	0	0	0	0	3	20	0	8
	0830	..	894·1	943·1	+0·4	75·5	71·5	69·5	24·8	82	+ 3	6·4	- 0·2	3·5	0	0	26	0	0	0	0	0	3	23	0	5
	1130	..	894·7	943·3	...	79·9	73·4	70·2	25·4	74	...	6·6	...	5·0	0	0	31	0	0	1	0	0	2	27	2	0
	1730	..	892·7	941·3	...	78·3	72·4	69·5	24·8	75	...	6·8	...	4·5	0	0	31	0	0	1	0	0	2	28	1	0
	2330	..	894·2	943·4	...	73·6	70·7	69·3	24·4	87	...	4·6	...	2·3	0	0	23	0	0	0	0	0	4	16	3	8
Poona (Lohagaon Aerodrome) ...	0530	1937	892·6	938·1	...	71·8	69·5	68·4	23·6	89	...	6·1	...	7·5	0	6	25	0	0	0	0	0	0	31	0	0
	0830	..	894·0	939·3	...	75·1	71·1	69·1	24·4	82	...	6·1	...	8·7	0	5	26	0	0	0	0	0	0	30	1	0
	1130	..	894·7	939·6	...	79·7	72·3	68·7	24·0	70	...	6·7	...	11·9	0	16	15	0	0	0	0	0	0	30	1	0
	1730	..	892·6	937·6	...	77·4	71·6	68·6	24·1	76	...	6·7	...	15·6	0	26	5	0	0	0	0	0	0	31	0	0
	2330	..	894·2	939·8	...	72·7	70·1	68·8	24·1	87	...	6·0	...	6·5	0	3	27	0	0	0	0	0	0	30	0	1
Jeur ...	0830	1709	893·9	947·3	...	77·7	72·3	69·5	24·8	76	...	5·2	...	11·3	0	9	22	1	0	0	0	0	3	19	8	0
	1730	..	892·0	944·5	...	85·1	73·8	68·6	23·9	59	...	6·3	...	19·0	0	27	4	1	0	1	0	1	1	19	9	0
Sholapur ...	0530	1570	1004·2	951·0	...	73·7	70·0	68·2	23·5	83	...	5·6	...	1·2	0	0	10	0	0	0	0	0	8	1	1	21
	0830	..	1005·1	952·2	+0·5	78·0	71·7	68·7	24·0	73	0	5·8	-0·2	3·0	0	0	28	0	1	0	0	0	20	5	2	3
	1130	..	1004·2	952·0	...	84·7	73·0	67·7	22·9	58	...	6·4	...	6·1	0	0	31	5	0	0	0	0	14	9	3	0
	1730	..	1001·1	949·2	...	85·7	73·2	67·5	22·8	58	...	7·0	...	5·0	0	0	29	0	0	0	0	1	20	6	2	2
	2330	..	1005·3	952·3	...	76·7	70·9	67·9	23·4	76	...	5·4	...	1·4	0	0	9	0	0	0	0	0	0	7	2	0	22
Miraj ...	0830	1817	895·5	945·3	+0·7	74·4	70·8	69·1	24·3	84	+ 1	6·6	-0·8	10·3	0	8	22	0	0	0	1	0	0	9	17	4	1
	1730	..	894·1	942·1	...	79·7	71·9	65·0	23·6	69	...	6·5	...	12·0	0	10	21	0	0	0	0	0	0	7	21	3	0
Kolhapur ...	0530	1870	893·7	941·8	...	71·9	70·0	69·0	24·2	91	...	6·4	...	9·0	0	8	23	0	0	0	0	0	0	30	1	0
	0830	..	895·2	943·1	...	74·0	71·2	69·8	24·9	87	...	6·2	...	10·8	0	11	19	0	0	0	0	0	1	28	1	1
	1130	..	895·7	943·3	...	77·5	72·3	69·9	24·9	79	...	6·6	...	17·0	0	24	7	0	0	0	0	0	2	27	2	0
	1730	..	893·8	941·4	...	76·4	71·8	69·6	24·8	80	...	6·3	...	16·4	0	25	6	0	0	0	0	0	0	31	0	0
Bijapur ...	0830	1950	895·3	940·2	+0·4	75·4	70·9	65·4	24·0	80	+ 3	6·2	+0·1	7·8	0	3	28	1	0	0	0	0	9	12	9	0
	1730	..	893·3	937·3	...	83·3	72·6	66·3	22·2	59	...	7·0	...	8·9	0	0	31	0	1	0	0	0	14	4	12	0
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	897·1	935·7	+0·9	73·9	70·4	68·7	24·0	84	+ 1	6·7	+0·3	12·3	0	14	17	0	0	0	0	0	1	27	3	0
	1730	..	895·0	933·2	...	78·8	71·5	64·1	23·4	70	...	7·1	...	14·1	0	17	14	0	0	0	0	0	2	26	3	0
Gadag (P.B.O.) ...	0530	2150	895·4	933·5	...	70·7	69·5	68·7	24·2	93	...	5·4	...	...	0	10	21	0	0	0	0	0	7	24	0	0
	0830	..	896·8	934·7	...	73·6	70·4	69·1	24·1	87	...	6·7	...	...	0	13	18	0	0	0	0	0	6	25	0	0
	1130	..	897·3	934·7	...	79·7	71·9	68·7	23·5	69	...	6·7	...	...	0	13	17	0	0	0	0	0	8	22	0	1
	1730	..	895·1	932·6	...	79·3	71·4	68·0	23·1	70	...	6·7	...	...	0	16	15	0	0	0	0	0	7	23	1	0
	2330	..	897·0	935·0	...	72·2	69·8	68·9	23·9	90	...	5·0	...	...	0	11	19	0	0	0	0	0	11	19	0	1
Hyderabad, North																										
Aurangabad ...	0830	1905	893·7	940·2	+0·2	74·2	71·2	69·8	24·9	86	+ 5	6·8	-0·2	10·9	0	12	19	0	0	0	0	0	8	21	2	0
	1730	..	891·6	937·4	...	81·5	73·3	69·3	24·7	69	...	7·7	...	16·5	0	23	8	0	0	0	1	0	3	21	6	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	892·0	938·8	...	72·1	69·6	68·5	23·7	88	...	6·1	...	9·9	0	7	24	0	0	0	0	0	2	20	9	0
	0830	..	893·6	940·1	...	76·0	71·7	69·6	24·8	81	...	6·8	...	11·3	0	8	23	0	0	0	0	0	3	22	6	0
	1130	..	894·0	940·2	...	81·3	72·9	68·6	24·2	67	...	6·7	...	13·7	0	17	13	0	0	0	0	0	4	17	9	1
	1730	..	891·5	937·3	...	81·6	72·8	68·5	24·0	68	...	7·1	...	15·4	0	22	9	2	1	0	0	1	3	17	7	0
	2330	..	893·4	940·1	...	74·6	70·6	68·5	23·9	82	...	5·9	...	12·0	0	12	19	0	0	0	0	0	3	22	6	0
Parbhani ...	0830	1393	1003·9	957·0	...	78·4	72·9	69·8	25·2	75	...	5·6	...	...	0	9	22	1	0	0	0	0	4	25	1	0
	1730	..	999·8	953·6	...	84·8	74·4	69·5	24·3	64	...	6·9	...	...	0	6	23	0	0	0	1	0	0	22	6	2
Ramagundam ...	0830	513	1003·2	985·7	...	82·9	75·9	72·8	27·4	72	...	7·0	...	4·1	0	0	25	6	3	0	0	2	6	3	5	6
	1730	..	999·3	982·1	...	89·6	76·8	70·1	25·7	57	...	7·1	...	3·9	0	0	28	4	4	0	2	1	7	5	5	3

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1003·4	961·0	−0·2	80·5	73·4	69·6	24·9	71	− 6	4·3	−1·0	1·7	0	0	26	0	0	0	0	0	22	2	2	5
	1730	,,	998·8	957·4	...	85·4	74·7	69·1	24·5	62	...	4·5	...	1·2	0	0	13	1	0	0	0	0	8	2	2	18
Bidar ...	0830	2178	894·5	931·3	...	74·3	70·1	68·1	23·9	82	+ 2	6·5	+0·9	15·0	0	20	11	1	0	0	0	0	10	17	3	0
	1730	,,	892·1	928·1	...	83·7	71·5	64·8	21·4	56	...	7·6	...	15·6	0	13	18	1	0	2	0	0	3	21	4	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1005·1	954·3	+0·2	76·7	71·4	68·7	24·1	75	− 4	6·9	+1·1	13·4	0	18	13	0	0	0	0	0	4	23	4	0
	1730	,,	1000·7	950·8	...	84·6	73·4	68·0	23·6	61	...	7·3	...	13·2	0	15	16	3	0	1	0	0	6	17	4	0
Raichur ...	0830	1311	1005·9	961·6	+0·5	78·5	72·4	69·0	24·5	73	− 1	6·4	+1·6	15·2	0	18	13	0	0	0	0	0	10	15	6	0
	1730	,,	1001·6	958·2	...	87·8	73·2	64·9	21·3	49	...	6·8	...	12·6	0	13	18	0	0	0	0	1	10	15	6	0
Hyderabad (Nizamiah) ...	0830	1778	893·9	944·8	+0·5	77·5	71·6	68·7	24·1	75	− 5	6·9	+0·5	15·5	0	21	10	0	0	0	0	0	4	21	6	0
	1730	,,	891·7	941·7	...	84·4	73·4	68·0	23·6	61	...	7·2	...	14·8	0	15	16	2	1	1	0	1	6	15	5	0
Hyderabad (Begumpet) ...	0530	1787	892·4	943·2	...	74·3	70·8	69·1	24·3	84	...	6·5	...	16·3	0	23	8	0	0	0	0	0	1	25	5	0
	0830	,,	894·9	944·6	...	77·2	71·7	69·1	24·9	77	...	6·8	...	18·8	0	27	4	2	0	0	0	0	0	25	4	0
	1130	,,	894·4	944·4	...	83·0	73·3	68·7	24·1	63	...	7·0	...	19·7	0	26	5	2	0	0	0	1	1	21	6	0
	1730	,,	891·6	941·4	...	83·9	73·4	68·4	23·8	62	...	7·1	...	18·5	0	23	8	3	0	1	0	1	5	17	4	0
	2330	,,	893·6	944·1	...	77·4	71·7	68·9	24·3	76	...	6·8	...	16·6	0	20	10	1	1	0	1	1	3	19	4	1
Hanamkonda ...	0830	881	1003·5	973·7	0	81·5	74·8	71·7	26·4	73	− 1	6·3	+0·1	10·3	0	7	24	1	1	0	0	1	4	18	6	0
	1730	,,	999·1	969·8	...	89·3	76·4	69·8	25·2	55	...	5·3	...	6·9	0	2	29	2	2	1	0	3	3	10	10	0
Khammameth ...	0830	367	1003·9	991·7	...	83·2	76·3	69·5	27·8	71	...	6·2	...	5·5	0	1	29	6	0	0	0	3	2	17	2	1
	1730	,,	1000·0	987·5	...	90·6	77·8	71·3	26·7	57	...	7·0	...	6·4	0	4	26	4	0	0	0	2	0	23	1	1
Coastal Andhradesa																										
Nellore ...	0530	65	1003·7	1001·5	...	83·0	74·5	70·2	25·3	66	...	5·5	...	4·2	0	0	29	0	0	0	0	1	6	21	1	2
	0830	,,	1005·3	1003·1	+0·2	86·4	75·8	70·6	25·7	60	− 3	6·4	+0·1	5·1	0	0	27	0	0	0	0	1	4	16	6	4
	1130	,,	1004·6	1002·4	...	92·6	76·9	69·5	24·5	47	...	6·0	...	5·5	0	0	30	0	0	0	0	1	2	18	8	1
	1730	,,	1001·6	999·3	...	93·8	77·0	68·8	24·0	46	...	6·9	...	5·2	0	0	30	0	0	0	0	2	0	18	5	1
	2330	,,	1004·4	1002·2	...	85·5	76·6	72·2	27·2	65	...	4·1	...	3·4	0	0	24	0	0	0	0	5	1	7	10	1	7
Ongole ...	0830	38	1004·4	1003·1	...	86·1	78·6	75·4	30·0	71	...	5·5	...	6·5	0	1	27	0	0	0	0	0	8	16	4	3
	1730	,,	1000·8	999·5	...	92·5	81·7	76·7	31·9	64	...	5·7	...	5·0	0	0	28	0	0	0	2	0	5	17	4	3
Gannavaram ...	0530	88	1002·5	999·5	...	81·0	75·2	72·3	27·5	76	...	6·2	...	8·6	0	7	22	0	0	2	0	2	10	12	3	2
	0830	,,	1004·1	1001·1	...	84·5	76·0	71·9	26·8	67	...	6·1	...	11·2	0	12	19	0	1	2	0	1	6	15	6	0
	1130	,,	1003·5	1000·5	...	90·3	77·1	70·5	26·4	54	...	5·8	...	16·1	0	22	9	1	0	1	1	0	4	12	12	0
	1730	,,	1000·4	997·4	...	90·9	77·0	70·0	25·4	53	...	6·3	...	10·7	0	8	22	1	0	1	1	1	7	14	5	1
	2330	,,	1003·3	1000·3	...	83·3	76·5	73·4	28·4	73	...	6·3	...	7·5	0	2	27	1	1	0	1	2	11	9	4	2
Masulipatam ...	0530	10	1002·5	1002·2	...	80·9	76·9	74·9	29·8	82	...	6·3	...	6·8	0	2	23	1	0	0	0	2	8	11	3	6
	0830	,,	1004·0	1003·7	−0·2	84·4	77·3	74·3	28·8	72	− 6	6·3	+0·1	8·0	0	5	26	0	1	0	1	1	7	19	2	0
	1130	,,	1003·6	1003·3	...	88·8	77·9	73·1	27·6	61	...	5·7	...	12·2	0	14	16	0	0	1	1	0	0	16	12	1
	1730	,,	1000·4	1000·1	...	89·7	78·4	73·1	28·1	60	...	6·5	...	5·8	0	0	31	1	0	0	1	4	4	14	7	0
	2330	,,	1003·3	1003·0	...	83·3	78·1	75·8	30·5	79	...	6·1	...	5·2	0	0	22	0	0	0	1	1	6	11	3	9
Kakinada ...	0830	26	1003·2	1002·3	−0·1	85·0	79·2	76·8	31·4	77	− 1	4·8	−1·4	6·1	0	0	30	0	0	0	0	0	5	0	0	1
	1730	,,	1000·1	999·1	...	87·4	79·5	75·5	30·8	69	...	5·4	...	6·0	0	0	31	0	2	0	0	0	7	0	1	0
Visakhapatnam ...	0530	11	1000·9	1000·5	...	80·6	78·2	77·1	31·2	89	...	6·8	...	3·1	0	0	13	0	0	0	0	0	7	4	2	18
	0830	,,	1002·1	1001·7	−0·6	84·4	79·4	77·3	32·0	79	− 6	6·8	0	8·2	0	8	16	1	0	0	1	0	14	7	1	7
	1130	,,	1001·8	1001·4	...	88·4	81·1	78·1	32·9	73	...	6·6	...	10·4	0	10	17	0	0	0	3	2	14	8	0	4
	1730	,,	999·6	999·1	...	86·1	80·6	78·3	33·2	79	...	6·6	...	9·8	0	7	22	1	0	0	2	3	15	7	1	2
	2330	,,	1002·1	1001·7	...	82·0	79·1	77·8	32·7	88	...	5·6	...	5·4	0	3	16	0	0	0	0	2	12	3	2	12
Calingapatam ...	0830	19	1001·5	1000·8	−0·1	81·5	78·2	76·7	31·4	86	+ 6	6·8	+1·4	5·5	0	0	31	0	0	0	0	2	15	13	1	0
	1730	,,	999·1	998·5	...	85·4	80·5	78·5	33·3	80	...	6·9	...	9·2	0	0	31	0	0	0	0	1	14	14	1	0
Rentachintala ...	0830	348	1004·3	992·4	...	83·9	75·0	70·6	25·6	65	− 5	7·2	+0·2	4·1	0	0	29	0	0	0	0	0	0	29	0	2
	1730	,,	1000·1	988·5	...	93·0	76·2	67·3	23·2	46	...	7·5	...	4·2	0	0	29	1	0	0	0	2	1	25	0	2
Rayalaseema																										
Arogyavaram ...	0830	2299	897·2	939·7	...	74·2	68·6	65·3	21·7	70	...	6·9	...	9·2	0	2	28	0	0	0	0	0	0	16	14	1
	1730	,,	895·0	926·9	...	84·5	70·1	62·5	19·3	50	...	7·2	...	9·2	0	5	26	0	0	0	0	0	1	16	14	0
Cuddapah ...	0830	428	1006·3	991·8	+0·2	84·7	74·0	68·3	23·8	59	− 6	6·5	+0·3	2·1	0	0	24	0	0	0	0	0	0	24	0	7
	1730	,,	1001·9	987·6	...	91·7	79·1	73·4	28·2	56	...	6·7	...	2·1	0	0	25	0	0	0	0	0	0	25	0	6
Bellary ...	0830	1473	1005·9	956·3	+0·1	79·1	74·1	71·5	26·5	78	+13	6·6	+0·7	6·1	0	0	31	0	0	0	0	0	0	13	18	0
	1730	,,	1001·9	953·1	...	86·2	76·0	70·4	26·0	63	...	6·7	...	4·3	0	0	31	0	0	0	0	0	4	9	18	0
Kurnool ...	0830	923	1005·9	974·5	+0·3	79·2	73·2	70·0	25·2	74	+ 2	6·1	−0·2	10·1	0	7	24	0	0	0	0	0	0	23	8	0
	1730	,,	1001·1	970·4	...	89·1	74·5	66·7	22·5	50	...	6·6	...	10·3	0	9	22	0	0	0	0	0	0	21	10	0
Anantapur ...	0530	1147	1004·8	965·8	...	76·5	71·5	68·5	24·1	76	...	4·9	...	9·2	0	9	21	0	0	0	0	0	4	22	4	1
	0830	,,	1006·3	967·3	...	79·5	72·3	68·4	23·9	69	...	6·2	...	12·9	0	15	15	0	0	0	0	0	3	21	6	1
	1130	,,	1005·4	967·0	...	86·1	73·3	66·0	22·2	52	...	6·5	...	14·8	0	16	15	1	0	0	0	0	1	22	7	0
	1730	,,	1001·8	963·7	...	88·8	72·9	63·8	20·4	45	...	6·6	...	15·7	0	18	12	1	0	0	0	0	1	20	8	1
	2330	,,	1005·8	966·9	...	79·6	72·1	68·3	23·5	69	...	5·6	...	13·0	0	13	17	0	0	0	0	0	1	23	6	1
Tamilnad																										
Palayamcottai ...	0830	167	1008·0	1002·2	...	85·9	74·0	67·8	23·2	55	...	5·5	...	8·9	0	7	24	1	0	0	0	0	1	26	3	0
	1730	,,	1005·2	999·6	...	88·1	74·6	67·4	23·0	51	...	5·7	...	12·2	0	11	20	0	0	0	1	0	0	25	5	0
Pamban ...	0830	37	1007·8	1006·6	+0·1	83·7	78·3	75·9	30·8	78	+ 3	3·8	+0·8	5·3	0	0	31	1	0	1	2	4	6	13	4	0
	1730	,,	1004·9	1003·6	...	84·0	79·8	78·1	32·9	82	...	5·9	...	8·2	0	3	28	3	0	2	9	1	10	6	0	0
Mathurai ...	0830	437	1007·3	992·5	−0·1	85·7	73·4	66·7	22·5	54	− 3	6·0	+0·5	3·3	0	0	30	1	0	0	0	0	0	13	16	1
	1730	,,	1003·8	989·2	...	91·2	74·4	65·4	21·5	44	...	6·5	...	5·2	0	0	29	0	0	0	0	0	5	20	4	2

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed, (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1007·3	1006·2	+0·1	84·1	74·6	70·0	25·0	63	− 2	5·6	+1·0	5·0	0	0	31	0	0	0	0	0	11	18	2	0
	1730	,,	1003·8	1002·8	...	89·1	77·5	72·0	27·0	59	...	6·5	...	6·8	0	0	29	0	0	0	7	9	6	6	1	2
Tiruchirapalli ...	0530	289	1006·0	996·0	...	79·7	72·5	68·8	24·1	70	..	6·1	...	15·6	0	17	13	0	0	0	0	0	0	29	1	1
	0830	,,	1007·2	997·3	−0·3	83·8	73·7	68·6	23·8	61	+ 2	6·5	+1·5	19·8	0	25	6	0	0	0	0	0	0	24	7	0
	1130	,,	1006·5	996·7	...	90·4	74·8	66·9	22·4	47	...	6·3	...	22·5	0	27	4	0	0	0	0	0	0	24	7	0
	1730	,,	1003·3	993·7	...	92·8	74·6	64·6	21·0	41	...	6·4	...	20·6	0	21	10	0	0	0	0	1	0	20	10	0
	2330	,,	1007·1	997·2	...	82·7	73·0	67·7	23·3	61	...	5·5	...	19·5	0	23	8	0	0	0	0	1	0	26	4	0
Coimbatore ...	0330	1341	1008·7	963·2	+0·7	77·2	71·4	68·3	23·7	75	− 5	5·7	+0·8	7·9	0	4	27	0	0	0	0	9	15	7	0	0
	1730	,,	1005·9	960·9	...	82·1	72·2	67·2	22·5	61	...	6·4	...	8·5	0	4	27	0	0	0	0	8	16	7	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1006·8	962·2	...	72·7	70·3	69·0	24·2	89	...	5·3	...	15·9	0	19	11	0	0	0	0	11	16	3	0	1
	0830	,,	1007·9	963·6	...	77·1	71·5	68·4	23·9	76	...	5·7	...	15·7	0	20	11	0	0	0	0	12	14	3	2	0
	1130	,,	1007·0	963·2	...	83·2	72·9	67·3	23·0	60	...	5·2	...	21·7	3	17	11	0	0	0	0	8	17	5	1	0
	1730	,,	1004·8	961·0	...	81·7	72·3	67 1	22·6	62	...	5·9	...	22·9	0	30	1	0	0	0	0	5	20	5	1	0
	2330	,,	1008·1	963·5	...	74·6	71·3	69·6	24·5	85	...	4·2	...	19·0	1	24	6	0	0	0	1	8	20	2	0	0
Salem ...	0530	913	1006·4	975·2	...	75·4	71·6	69·5	24·8	83	...	5·9	...	3·0	0	0	28	0	0	0	0	3	11	13	1	3
	0830	,,	1007·8	976·6	0	78·5	72·7	69·8	24·9	75	− 2	6·0	+0·5	3·7	0	0	31	1	0	0	0	1	14	15	0	0
	1130	,,	1006·7	976·1	...	86·6	74·0	67·1	23·0	54	...	5·5	...	6·3	0	0	31	0	0	0	0	6	7	14	4	0
	1730	,,	1003·2	972·8	...	88·4	74·5	67·2	23·6	52	...	6·8	...	4·1	0	0	29	0	0	0	0	1	5	18	5	2
	2330	,,	1007·4	976·3	...	79·2	72·9	69·5	24·8	73	...	4·5	...	4·1	0	0	25	0	0	0	0	6	13	5	1	6
Kallakurichi ...	0830	416	1003·3	992·1	...	82·8	74·3	70·1	25·1	66	...	5·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1002·5	988·6	...	91·6	76·3	68·4	24·0	49	...	6·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1005·1	1003·7	...	80·2	76·0	74·0	28·7	81	...	4·1	...	0·9	0	0	13	0	0	1	0	2	6	4	0	18
	0830	,,	1006·6	1005·3	−0·1	84·9	77·5	74·1	28·9	71	+ 2	5·8	+0·7	1·9	0	0	23	0	0	0	0	1	22	0	0	8
	1130	,,	1006·1	1004·7	...	91·7	78·1	72·3	26·6	55	...	5·1	...	3·3	0	0	27	0	0	0	0	2	15	10	0	4
	1730	,,	1003·0	1001·8	...	91·3	79·3	74·2	28·7	60	...	6·2	...	2·9	0	0	30	0	1	3	7	3	9	7	0	1
	2330	,,	1006·0	1004·7	...	85·9	77·5	74·4	29·4	75	...	4·3	...	2·5	0	0	21	0	0	0	2	7	11	1	0	10
Vellore ...	0530	703	1005·2	981·3	...	79·8	71·7	67·5	22·9	66	...	5·5	...	4·6	0	0	29	2	0	0	0	0	6	11	10	2
	0830	,,	1006·3	988·5	+0·3	83·2	72·8	67·3	22·8	59	− 8	5·6	+0·8	4·9	0	0	30	1	0	0	0	1	3	16	9	1
	1130	,,	1005·4	981·9	...	90·3	74·2	66·7	21·6	47	...	6·1	...	7·3	0	0	31	1	0	0	0	1	4	14	11	0
	1730	,,	1002·2	978·8	...	91·7	74·1	64·2	20·8	42	...	6·5	...	6·3	0	0	30	2	1	0	0	0	5	13	9	1
	2330	,,	1006·0	982·2	...	82·9	72·9	67·6	23·1	61	..	5·5	...	4·7	0	0	28	1	0	0	0	4	3	13	7	3
Madras ...	0530	51	1004·5	1002·8	...	82·1	75·1	71·3	26·6	71	...	6·0	...	9·2	0	4	26	1	0	0	0	0	6	21	2	1
	0830	,,	1006·0	1004·3	+0·1	85·7	75·8	71·1	26·0	63	+ 1	6·3	+0·6	11·2	0	9	22	1	0	0	0	0	8	19	3	0
	1130	,,	1005·4	1003·7	...	91·6	76·7	69·3	24·7	49	...	6·2	...	14·9	0	20	11	1	0	0	0	0	5	19	6	0
	1730	,,	1003·5	1000·8	...	91·0	77·7	71·2	26·4	55	...	6·9	...	11·5	0	10	21	1	2	3	3	5	3	7	7	0
	2330	,,	1005·3	1003·6	...	84·7	77·4	73·8	28·8	72	...	5·6	...	8·3	0	5	25	0	0	0	1	8	9	12	0	1
Madras (Nungambakkam) ...	0830	21	1005·5	1004·8	...	85·8	75·6	70·5	25·6	61	...	5·3	...	5·0	0	0	31	1	0	0	0	3	10	11	6	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1007·8	1005·3	...	76·8	75·4	74·5	29·4	93	...	7·3	...	5·2	0	0	28	1	1	8	2	0	3	10	3	3
	0830	,,	1009·3	1006·8	+0·8	78·3	76·2	75·2	29·9	90	0	7·5	+0·5	5·2	0	0	30	4	2	6	1	0	6	11	0	1
	1130	,,	1009·5	1007·1	...	81·0	77·5	75·9	30·6	85	...	7·2	...	5·4	0	0	28	1	0	1	0	1	7	13	5	3
	1730	,,	1007·5	1005·0	...	80·6	76·9	75·7	29·9	85	...	7·5	...	5·8	0	0	30	2	0	0	0	1	4	15	8	1
	2330	,,	1009·3	1006·9	...	77·8	76·1	75·3	30·0	92	...	7·2	...	4·9	0	0	27	2	0	8	1	0	2	12	2	4
Kozhikode ...	0530	27	1008·3	1007·4	...	75·9	74·9	74·4	29·1	95	...	6·7	...	4·4	0	1	27	2	8	6	0	2	0	5	5	3
	0830	,,	1009·7	1008·8	+0·2	77·6	76·0	75·3	29·7	92	0	7·5	+0·4	3·5	0	0	27	4	5	4	0	3	0	6	5	4
	1130	,,	1010·0	1009·1	...	81·1	77·5	76·1	30·6	85	...	7·3	...	5·6	0	1	29	1	1	1	0	0	6	9	12	1
	1730	,,	1007·7	1006·9	...	80·4	77·4	76·1	30·7	87	...	7·6	...	5·8	0	0	30	5	3	0	1	0	2	7	12	1
	2330	,,	1009·9	1009·0	...	77·2	75·8	75·0	29·8	93	...	6·0	...	4·6	0	1	26	1	6	4	0	0	0	5	11	4
Palghat ...	0830	319	1009·5	998·4	...	76·3	74·6	73·7	28·5	92	...	7·0	...	6·6	0	0	31	0	0	0	0	0	0	31	0	0
	1730	,,	1007·2	996·3	...	79·4	75·7	73·7	28·7	83	...	7·2	...	8·9	0	2	29	0	0	0	0	0	3	27	1	0
Mysore																										
Chitaldrug ...	0830	2405	897·5	926·6	+0·4	72·6	69·2	67·4	22·9	84	+ 3	7·1	0	7·0	0	0	31	0	0	0	0	0	7	24	0	0
	1730	,,	895·9	924·5	...	78·8	70·4	66·1	21·9	66	...	6·8	...	6·6	0	0	31	0	0	0	0	0	19	12	0	0
Shimoga ...	0830	1872	897·0	944·9	...	74·4	70·8	69·2	24·2	84	...	7·1	...	4·3	0	0	31	0	0	0	0	3	16	9	3	0
	1730	,,	895·4	942·9	...	77·6	71·7	68·8	23·9	75	...	7·1	...	6·4	0	0	31	0	0	0	0	1	14	11	5	0
Hassan ...	0830	3149	899·5	903·8	...	68·7	66·4	65·2	21·4	89	+ 4	6·4	−0·6	10·4	0	5	26	0	0	0	0	0	3	26	2	0
	1730	,,	897·9	902·2	...	72·5	67·8	65·5	21·4	79	...	7·0	...	12·0	0	12	19	0	0	0	0	0	1	30	0	0
Bangalore (Central Observatory) ...	0830	3021	898·9	907·5	+0·3	71·0	67·0	64·9	21·0	81	− 4	7·1	0	12·4	0	13	18	0	0	0	0	0	7	18	6	0
	1130	,,	898·9	907·3	...	77·9	68·4	63·4	19·8	61	...	7·0	...	14·8	0	20	11	1	0	0	0	0	3	20	7	0
	1730	,,	896·7	905·1	...	77·5	67·9	62·5	19·4	62	...	7·2	...	14·5	0	17	13	1	0	0	0	0	3	20	6	1
Bangalore (Aerodrome) ...	0530	2942	897·6	908·7	...	68·1	66·2	65·2	21·1	99	...	5·5	...	...	...	...	...	0	0	0	0	0	0	26	5	9
	0830	,,	898·9	910·0	...	71·8	67·5	65·4	21·1	80	...	6·1	...	...	...	...	...	0	0	0	0	0	2	25	4	0
	1130	,,	898·9	909·8	...	79·2	68·9	63·6	21·9	...	...	...	...	...	...	...	...	0	0	0	0	0	1	20	10	0
	1730	,,	896·8	907·7	...	78·5	68·3	63·	19·5	0	...	7·0	...	...	...	...	...	1	0	0	0	0	2	19	9	0
	2330	,,	899·1	910·1	...	71·0	67·0	64·8	21·0	81	...	7·0	...	...	...	...	...	0	0	0	0	0	0	28	3	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	899·2	924·4	+0·4	72·3	68·5	66·4	22·2	82	+ 2	6·2	−0·4	7·0	0	3	27	0	0	0	0	0	5	24	1	1
	1730	,,	897·5	922·5	...	77·7	69·4	64·9	21·1	66	...	6·7	...	11·5	0	6	24	0	0	0	0	0	0	30	0	1
Balehonnur ...	0830	...	...	...	...	68·0	67·2	66·7	22·4	96	+ 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1010·3	1010·0	+0·1	79·6	77·0	75·7	30·4	88	+ 1	7·5	+0·9	5·3	0	0	29	4	4	3	1	2	4	5	6	2
	1730	,,	1007·9	1007·6	...	81·1	77·0	75·2	29·8	83	...	7·5	...	9·1	0	3	28	1	0	1	0	0	4	13	12	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1008·8	1008·6	...	76·4	74·8	74·3	28·8	94	...	6·7	...	2·1	0	0	16	5	1	1	0	0	2	5	2	15
	0830	,,	1010·3	1010·1	...	79·2	76·4	75·5	29·8	89	...	7·0	...	3·5	0	0	22	4	1	0	2	0	4	6	5	9
	1130	,,	1010·3	1010·1	...	81·4	77·1	75·3	29·8	82	...	6·8	...	6·5	0	1	29	3	0	0	0	0	1	13	13	1
	1730	,,	1008·2	1008·0	...	81·3	76·8	74·8	29·4	80	...	6·7	...	6·6	0	0	30	1	1	0	0	0	1	13	14	1
	2330	,,	1010·4	1010·2	...	77·9	75·9	75·0	29·6	91	...	4·9	...	3·3	0	0	23	0	2	1	0	0	2	11	7	8
Alleppey ...	0830	12	1010·4	1010·0	...	78·8	76·4	75·4	30·0	89	...	7·3	...	7·1	0	1	30	6	6	1	0	0	2	7	9	0
	1730	,,	1008·2	1007·8	...	81·4	77·5	75·9	30·4	83	...	6·7	...	9·1	0	3	28	4	1	0	0	0	1	8	17	0
Trivandrum ...	0530	211	1008·8	1001·5	...	75·2	74·1	73·6	28·3	95	...	4·8	...	4·4	0	1	30	11	0	0	0	0	0	1	19	0
	0830	,,	1010·1	1002·8	+0·1	77·7	75·3	74·2	28·8	89	+ 2	7·1	+0·3	3·8	0	0	31	7	0	0	0	0	0	0	24	0
	1130	,,	1009·9	1002·7	...	82·0	76·4	73·8	28·5	77	...	6·8	...	6·9	0	0	31	2	0	0	0	0	0	2	27	0
	1730	,,	1007·9	1000·6	...	81·6	76·3	73·9	28·6	77	...	6·1	...	7·6	0	0	31	1	0	0	0	0	0	5	25	0
	2330	,,	1010·4	1003·1	...	76·9	74·9	73·7	28·6	91	...	4·1	...	4·8	0	0	31	5	0	0	0	0	0	1	25	0
Nagercoil ...	0530	195	1007·6	1000·9	...	76·9	73·9	73·4	27·2	86	...	5·8	...	10·6	0	8	23	0	0	0	0	0	0	14	17	0
	0830	,,	1009·2	1002·5	...	79·8	75·0	72·8	27·5	79	...	6·8	...	10·5	0	7	24	0	0	0	0	0	0	12	19	0
	1130	,,	1008·9	1002·3	...	84·9	76·0	71·7	26·6	65	...	7·0	...	14·7	0	21	10	0	0	0	0	0	0	15	16	0
	1730	,,	1006·6	1000·0	...	83·0	75·6	71·9	26·9	69	...	7·3	...	13·0	0	14	17	0	0	0	0	0	0	22	9	0
	2330	,,	1009·2	1002·5	...	78·3	74·5	72·6	27·5	83	...	5·8	...	11·2	0	9	22	0	0	0	0	0	0	17	14	0
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	894·0	884·3	...	71·3	69·6	68·5	24·3	91	...	7·6	...	5·6	0	1	27	0	1	8	6	4	9	0	0	3
	1730	,,	891·2	881·6	...	71·3	69·9	68·9	24·3	93	...	7·7	...	5·2	0	1	23	0	0	0	1	3	14	5	1	7
Shillong ...	0830	4921	894·5	844·8	+0·3	69·8	66·3	64·3	20·6	84	+ 3	6·8	+0·1	0·7	0	0	9	0	0	1	4	1	3	0	0	22
	1730	,,	892·0	842·5	...	70·9	67·4	64·9	21·5	82	...	6·6	...	1·0	0	0	11	0	0	0	1	3	7	0	0	20
Cherrapunji ...	0830	4309	895·5	863·9	+0·7	67·9	67·0	66·6	22·1	96	+ 6	7·5	0	2·7	0	0	30	0	10	2	4	5	7	2	0	1
	1730	,,	893·5	862·1	...	69·3	68·4	68·1	23·2	94	...	6·8	...	2·4	0	0	30	0	5	4	3	6	8	4	0	1
Darjiling ...	0830	7432	797·0	773·0	+0·4	62·6	61·6	61·3	18·3	96	+ 3	7·2	+0·1	6·4	0	3	28	0	2	16	8	0	0	5	0	0
	1730	,,	794·7	770·8	...	61·8	61·1	60·8	18·4	94	...	7·3	...	7·2	0	2	29	0	1	15	7	0	1	6	1	0
Darjiling (Raj Bhawan) ...	0830	6980	800·2	788·7	...	65·0	63·2	62·3	18·9	92	...	7·1	...	3·4	0	0	20	7	2	1	3	0	2	3	2	11
	1730	,,	798·2	786·7	...	64·7	63·1	62·4	19·3	92	...	7·3	...	1·6	0	0	20	3	2	2	4	1	3	4	1	11
Kalimpong ...	0830	3965	892·8	871·9	−1·1	70·9	69·7	69·1	24·6	94	+ 3	5·3	−1·3	1·3	0	0	12	0	0	0	0	0	0	0	12	19
	1730	,,	890·3	869·6	...	72·8	71·3	70·4	25·5	93	...	5·5	...	1·2	0	0	10	0	0	0	10	0	0	0	0	21
Katmandu ...	0830	4388	894·4	860·9	...	74·8	70·1	67·6	23·5	79	− 1	6·3	−0·3	0·8	0	0	10	1	1	4	3	1	0	0	0	21
	1730	,,	891·8	858·5	...	76·8	71·7	69·2	24·6	78	...	6·7	...	1·2	0	0	13	5	0	2	1	1	1	0	3	18
Mukteswar (Kumaon) ...	0830	7592	796·9	768·4	+0·3	61·9	60·2	59·2	17·2	92	+ 2	6·3	+0·3	5·7	0	4	20	0	4	5	1	2	1	6	5	7
	1730	,,	795·2	766·9	...	65·2	63·1	62·2	18·9	90	...	6·2	...	7·8	0	3	26	1	1	1	3	0	6	12	5	2
Lokpal ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	796·0	792·4	...	64·4	63·4	62·1	19·3	93	0	6·1	−0·9	1·0	0	0	8	1	2	1	1	2	1	0	0	23
	1730	,,	794·6	791·0	...	65·4	64·4	63·7	20·3	95	...	6·2	...	1·4	0	0	16	1	2	0	5	6	2	0	0	15
Simla ...	0830	7224	796·0	777·7	+0·6	63·7	60·9	59·2	17·3	86	+ 6	6·5	+0·2	1·0	0	0	16	1	1	1	3	7	3	0	0	15
	1730	,,	794·7	776·5	...	66·5	63·8	62·3	17·9	87	...	6·6	...	1·7	0	0	27	4	5	1	1	7	5	2	2	4
Dalhousie ...	0830	...	...	...	...	65·7	63·0	61·4	18·8	85	...	4·5	...	0·5	0	1	0	0	1	0	0	0	0	0	0	30
	1730	...	...	...	...	68·4	65·9	64·3	21·4	87	...	6·3	...	0·6	0	0	6	0	5	1	0	0	0	0	0	25
Dharamshala ...	0830	3975	898·8	877·5	...	74·7	70·1	67·7	23·7	79	...	5·0	...	0·5	0	0	11	1	0	7	0	0	0	1	2	20
	1730	,,	896·7	875·6	...	78·5	71·5	70·0	23·5	76	...	4·5	...	0·9	0	0	13	3	0	2	0	1	0	4	3	18
Pachmarhi ...	0830	3528	894·1	886·6	+0·3	70·2	68·6	67·7	23 2	92	+ 4	7·0	−0·2	5·4	0	0	29	0	0	0	0	0	3	19	7	2
	1730	,,	891·7	884·2	...	75·2	70·7	68·3	23·7	81	...	6·5	...	3·7	0	0	29	1	1	0	0	0	0	23	4	2
Abu ...	0830	3921	893·0	873·3	+0·1	68·3	67·4	66·8	22·5	95	+ 4	7·3	+0·2	4·9	0	1	25	0	0	0	0	4	12	9	1	5
	1730	,,	891·1	871·6	...	73·5	69·1	66·7	22·5	81	...	6·2	...	5·0	0	0	26	1	1	0	2	7	10	4	1	5
Mahabaleshwar ...	0830	4534	897·4	858·6	+0·2	63·6	63·6	63·6	20·2	100	+ 3	8·0	0	13·6	0	17	14	0	0	0	0	0	27	0	4	0
	1730	,,	895·7	857·1	...	64·0	64·0	64·0	20·4	100	...	8·0	...	11·3	0	9	22	0	0	0	0	0	24	0	7	0
Nandi Hills ...	0830	...	...	...	...	63·1	62·8	62·5	19·4	98	...	7·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	900·1	884·6	+1·0	64·9	64·6	64·5	20·7	98	+ 3	7·2	−0·4	7·5	0	0	31	0	0	0	0	0	0	15	16	0
	1730	,,	898·6	883·2	...	66·1	65·4	64·9	21·2	96	...	7·5	...	3·9	0	0	31	0	0	0	0	0	0	15	16	0
Kodaikanal ...	0830	7688	801·2	769·8	+0·8	55·5	52·6	50·5	12·5	83	+ 6	6·7	+0·9	14·5	0	18	13	0	0	0	0	0	0	10	21	0
	1130	,,	801·3	770·3	...	60·4	55·9	52·7	13·6	78	...	7·0	...	12·8	0	12	19	0	0	0	0	0	0	6	25	0
	1730	,,	799·8	768·7	...	58·3	54·6	51·9	13·2	80	...	7·3	...	12·6	0	12	19	0	1	0	0	0	1	8	21	0
Ootacamund ...	0830	7378	800·5	777·6	+0·1	55·3	53·7	52·6	13·4	91	+ 2	6·3	−0·8	9·0	0	10	19	2	0	0	0	0	4	18	5	2
	1730	,,	799·2	776·5	...	56·9	54·8	53·3	13·9	87	...	6·4	...	7·4	0	8	20	0	0	0	0	0	4	20	4	3
Coonoor ...	0830	...	...	...	...	66·6	59·7	55·2	15·3	68	− 1	5·0	−1·4	8·8	0	3	28	2	0	0	0	7	10	11	1	0
Sikkim																										
Lachen (R)...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(R) Register not received.

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G.M.T.)

JULY 1952

POONA (Sur. Pr. 943 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	557	297·4	299	295	293·7
1000	31	40	...	...	...	...
900	31	962	294·8	297	293	291·7
850	31	1457	292·2	295	289	289·5
800	31	1980	289·6	294	287	285·9
700	31	3111	285·5	291	282	278·9
600	31	4389	278·6	284	275	271·5
500	31	5863	271·8	275	267	...
400	30	7611	262·6	268	259	...
300	28	9772	249·5	256	243	...
250	23	11070	240·3	253	234	...
200	17	12700	230·0	238	224	...
175	10	13494	224·2	235	219	...
150	7	14499	217·4	224	209	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

PORT BLAIR (999 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	81	300·0	301	298	298·0
1000	29	69	...	...	...	...
900	29	995	295·0	297	293	292·0
850	29	1490	292·0	294	290	289·0
800	29	2014	289·0	291	287	286·0
700	29	3140	284·0	287	281	278·0
600	29	4411	277·0	280	272	271·2
500	27	5871	269·0	273	266	...
400	24	7595	259·0	263	253	...
300	17	9731	246·0	250	241	...
250	14	11026	237·0	239	232	...
200	12	12547	227·0	232	223	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

TRIVANDRUM (1002 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	64	299·3	300	299	296·7
1000	27	83	...	...	...	...
900	27	1007	293·2	295	292	290·6
850	27	1500	290·9	293	289	287·7
800	27	2020	288·3	291	286	284·1
700	27	3145	283·2	286	281	276·6
600	27	4415	276·6	279	274	270·4
500	27	5872	267·7	269	265	...
400	26	7593	257·9	260	254	...
300	24	9704	243·2	247	240	...
250	18	10978	234·1	237	230	...
200	16	12483	224·3	229	221	...
175	7	13359	220·2	224	217	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VERAVAL (1001 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	8	300·5	302	299	298·5
1000	31	19	...	...	...	...
900	31	948	294·5	297	293	293·4
850	31	1443	292·2	296	289	290·8
800	31	1967	290·5	298	287	286·9
700	31	3101	285·6	290	282	278·7
600	31	4383	278·6	284	274	274·2
500	30	5858	271·3	276	263	...
400	29	7603	262·2	266	257	...
300	29	9757	248·2	254	241	...
250	24	11073	240·3	247	234	...
200	20	12607	228·6	237	215	...
175	12	13497	224·3	235	215	...
150	11	14503	216·8	231	205	...
125	5	15753	215·0	227	206	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VISAKHAPATNAM (995 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	48	301·9	305	298	297·3
1000	31	006	...	...	...	...
900	31	965	297·2	301	294	292·3
850	31	1449	294·9	300	292	290·0
800	31	1965	291·4	295	288	287·5
700	31	3099	285 0	289	282	281·2
600	31	4376	278·0	282	274	274·9
500	31	5850	270·0	273	265	...
400	31	7578	260·2	265	253	...
300	25	9718	246·2	253	239	...
250	25	10971	236·5	245	229	...
200	21	12516	226·7	233	217	...
175	17	13409	220·4	238	210	...
150	16	14367	212·7	226	199	...
125	9	15506	207·9	221	196	...
100	7	16873	204·4	214	189	...
80	6	18478	201·7	207	196	...

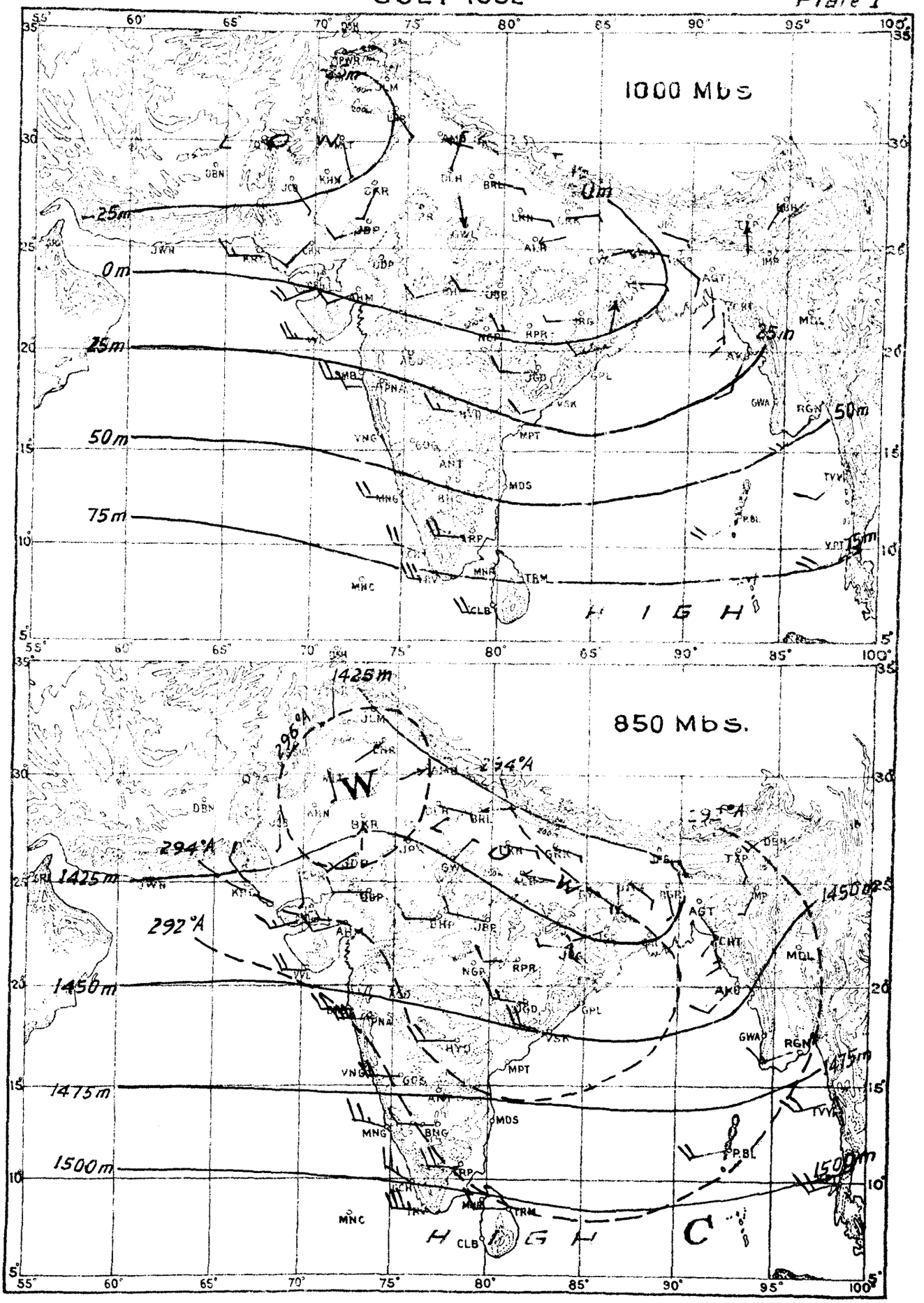
Note:— Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S,—11□ DDG Ob. Poona—22-4-55—260·

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JULY 1952

Plate I



RESULTANT WIND ——\= 5 Knots; ——\= 10 Knots; ——\= 50 Knots.

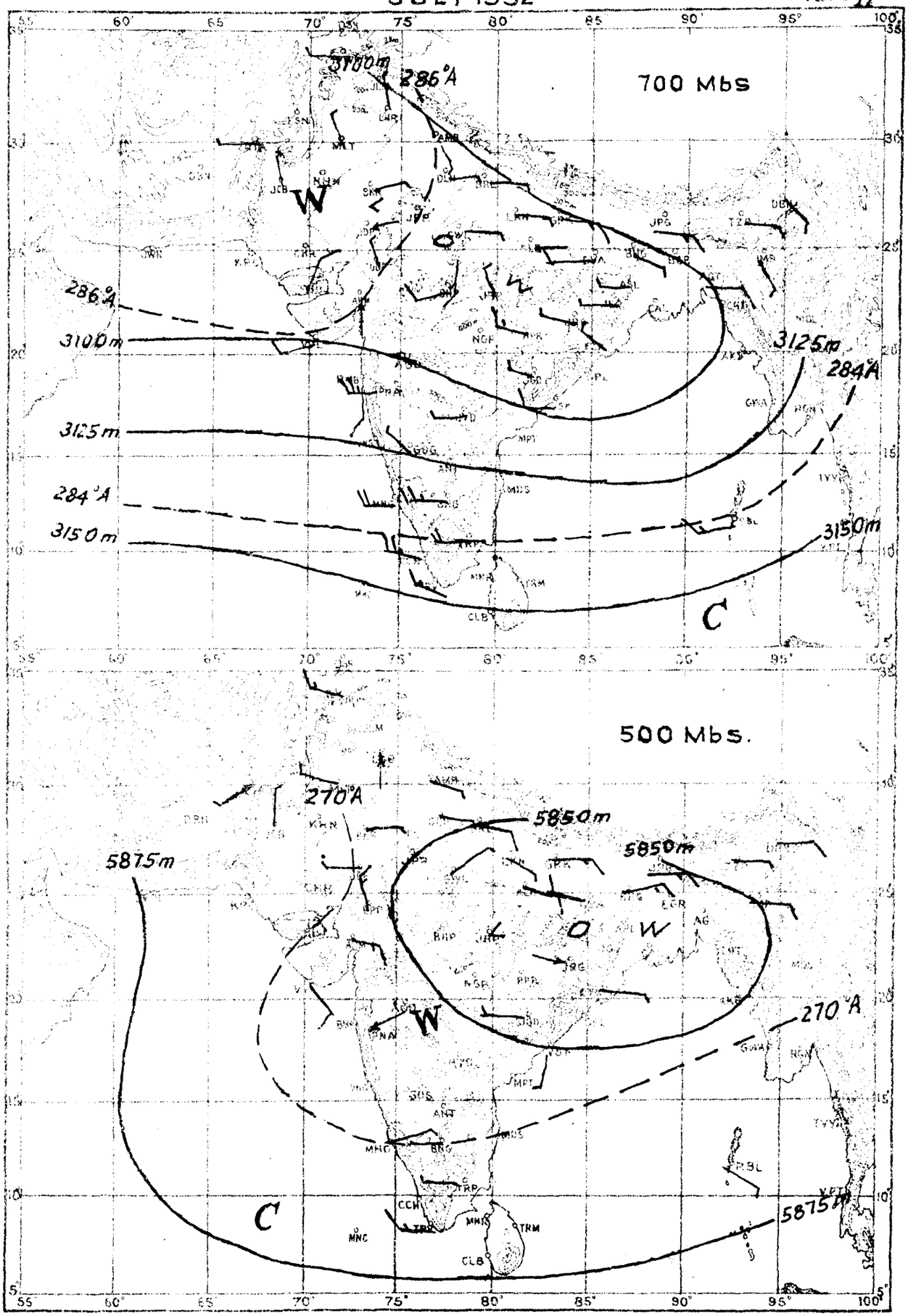
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

JULY 1952

Plate II



RESULTANT WIND ——= 5 Knots, ——= 10 Knots, ——= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

AUGUST

Published by authority of the Government of India

Chief features :— (i) formation of three depressions in the Bay of Bengal, (ii) moderate to large excess of rainfall in West Uttar Pradesh, the Punjab (I) and Vindhya Pradesh.

Three depressions formed in the Bay of Bengal during the month. The first depression formed near Saugor Island on the morning of the 1st. It crossed coast near Contai by the same night and after moving in a westnorth-westerly direction across Orissa and southeast Madhya Pradesh, weakened into a low pressure area over Madhya Bharat and neighbourhood by the morning of the 5th. Under its influence, fairly widespread rain occurred in Gangetic West Bengal, Chota Nagpur and north Orissa on the 1st and 2nd, and in east Madhya Pradesh between the 1st and 4th. Locally heavy to very heavy falls were reported from east Madhya Pradesh on the 3rd and from south Bihar, northwest Uttar Pradesh, west Madhya Pradesh and south Madhya Bharat on the 4th. Later, by the 6th the monsoon generally weakened for a time over north India.

The monsoon again strengthened over north India and the central parts of the country by the 11th and another depression formed in the northwest Bay of Bengal, centred about 80 miles south of Calcutta, on the morning of the 13th. The depression crossed the coast near Balasore by the same evening, and weakening at the same time, it lay as a 'low' over northeast Madhya Pradesh and neighbourhood by the evening of the 14th. Subsequently, the 'low' merged with the seasonal trough on the 16th morning. In association with this depression, locally heavy to very heavy rain was reported from Uttar Pradesh and the Punjab (I) between the 17th and 22nd. The heavy rainfalls in association with this depression were responsible for floods in the villages lying near the river Ravi. The water level in the Jumna also crossed the danger mark of 672 ft. above sea level at Junma Bridge, Delhi on the 26th, and it was reported that 25 neighbouring villages were inundated. The rainfall during the period, however, brought some relief to the crops in Uttar Pradesh.

Another shallow depression, the third in the month, formed in the northwest Bay of Bengal on the morning of the 20th. It crossed the Orissa coast near Chandbali on the same night, and was centred about 50 miles northeast of Angul by the next morning. Thereafter, it weakened and merged in to the seasonal trough by the 21st evening.

The above depression was responsible for well distributed moderate rain over most parts of the Peninsula on the 21st and 22nd, with locally heavy falls in Madhya Pradesh on the 22nd and in the south Konkan on the 22nd and 23rd. Very heavy rain was also reported from a number of places in west Madhya Pradesh on the 25th, and in Madhya Bharat on the 26th. Jabalpur in west Madhya Pradesh recorded 17" of rain in 10 hours (between 0130 and 1130 hours I.S.T.) on the 25th.

During the last week of the month, widespread and heavy rainfall was reported from Assam. Cherrapunji recorded a heavy fall of 16" on the 27th. According to press reports, the Brahmaputra and its tributaries rose in spate and inundated several villages. The floods are reportod to have caused extensive damage to standing paddy crops in upper Assam and collapsed a number of houses and loss of cattle in the area.

Total rainfall for the month was in large excess in the Punjab (I), in moderate excess in the Bay Islands, west Uttar Pradesh and Vindhya Pradesh and in slight excess in Assam, Bihar and Travancore-Cochin. It was normal in West Bengal, Orissa, east Uttar Pradesh, Rajasthan, Madhya Bharat, Madhya Pradesh, Deccan (Desh) and Mysore; in slight defect in Chota Nagpur, the Konkan, coastal Andhradesa, Tamilnad and Malabar-south Kanara, in moderate defect in Gujarat, Hyderabad, and Rayalseema and in large defect in Saurashtra and Kutch. Averaged over the plains of India, the rainfall was 4% in excess.

The mean maximum temperature was below normal in the Punjab (I) and east Rajasthan and generally normal elsewhere. The mean minimum temperature was normal all over the country.

The mean relative humidity in the morning was above normal in west Uttar Pradesh, the Punjab (I), west Rajasthan and Vindhya Pradesh and normal in the remaining divisions.

The mean cloud amount in the morning was above normal in the Punjab (I) east Madhya Pradesh, south Hyderabad and Tamilnad and was normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 18 chief political divisions and the sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hours I.S.T. of the date noted in the succeeding column, similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending 0830 hours I. S. T. of the date given in the succeeding column.

POONA—5,
27th October, 1953.

A. K. ROY,
for *Director General of Observatories.*

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	16·80 +2·65	119 ...	88·7 − 0·1	76·5 − 0·8	89 + 3	81 ...	6·9 + 0·6	5·7 ...
2 West Bengal ...	13·30 −0·14	99 ...	88·8 0	79·3 + 0·8	85 + 1	81 ...	6·5 + 0·3	6·2 ...
3 Orissa ...	13·96 +1·24	110 ...	87·4 − 0·5	78·6 + 0·4	85 + 3	83 ...	6·8 + 0·9	6·8 ...
4 Bihar ...	13·57 +0·56	104 ...	88·2 + 0·2	77·7 + 0·4	86 + 3	82 ...	6·5 + 0·3	6·6 ...
5 Uttar Pradesh ...	15·71 +3·59	130 ...	89·1 − 0·7	77·9 − 0·1	87 + 5	80 ...	6·3 + 0·7	6·3 ...
6 Punjab (I) (including PEPSU and Delhi) ...	13·71 +6·45	189 ...	91·9 − 2·5	77·5 − 1·1	85 + 7	71 ...	5·0 + 1·0	4·1 ...
7 Rajasthan ...	6·21 −0·08	99 ...	90·2 − 1·2	76·5 − 0·5	81 + 4	65 ...	5·1 + 0·2	5·1 ...
Sub-Division								
1 Bay Islands ...	21·31 +5·02	131 ...	84·1 + 0·7	75·2 + 0·5	85 + 1	88 ...	7·0 + 0·4	7·0 ...
2 Assam (including Manipur and Tripura) ...	16·80 +2·65	119 ...	88·7 − 0·1	76·5 − 0·8	89 + 3	81 ...	6·9 + 0·6	5·7 ...
3 West Bengal ...	13·30 −0·14	99 ...	88·8 0	79·3 + 0·8	85 + 1	81 ...	6·5 + 0·3	6·2 ...
4 Orissa ...	13·96 +1·24	110 ...	87·4 − 0·5	78·6 + 0·4	85 + 3	83 ...	6·8 + 0·9	6·8 ...
5 Chota Nagpur ...	12·18 −1·46	89 ...	86·8 + 0·2	76·1 + 0·5	87 + 3	82 ...	6·9 + 0·4	7·2 ...
6 Bihar ...	14·35 +1·68	113 ...	89·3 + 0·2	79·1 + 0·4	86 + 3	82 ...	6·2 + 0·2	6·1 ...
7 Uttar Pradesh, East ...	13·26 +1·14	109 ...	89·5 − 0·3	78·7 + 0·2	88 + 3	81 ...	6·6 + 0·9	6·4 ...
8 Uttar Pradesh, West ...	18·16 +6·03	150 ...	88·7 −1·2	77·0 − 0·4	87 + 6	78 ...	6·0 + 0·4	6·2 ...
9 Punjab (I) (including PEPSU and Delhi) ...	13·71 +6·45	189 ...	91·9 − 2·5	77·5 − 1·1	85 + 7	71 ...	5·0 + 1·0	4·1 ...
10 Jammu and Kashmir ...			Data incomplete					
11 Rajasthan, West ...	3·76 −0·02	99 ...	95·5 + 0·1	78·5 − 0·1	79 + 6	59 ...	3·7 − 0·3	3·9 ...
12 Rajasthan, East (including Ajmer) ...	8·66 −0·14	98 ...	86·0 − 2·1	74·9 − 0·8	83 + 3	72 ...	6·2 + 0·6	6·2 ...
13 Madhya Bharat ...	10·17 −0·38	96 ...	83·4 − 1·7	73·2 − 0·4	89 + 3	79 ...	7·3 + 0·9	7·1 ...
14 Vindhya Pradesh ...	17·45 +4·31	133 ...	84·7 − 1·7	75·1 − 0·7	90 + 6	83 ...	7·4 + 0·9	7·1 ...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	12·90 +1·38	112 ...	83·9 − 1·7	73·9 − 0·5	89 + 4	80 ...	7·3 + 0·9	7·1 ...
9 Madhya Pradesh ...	12·28 0	100 ...	84·0 − 0·9	73·6 − 0·1	85 + 2	76 ...	7·3 + 1·0	7·4 ...
10 Bombay (including Saurashtra & Kutch) ...	6·89 −2·19	76 ...	85·6 − 0·7	73·5 − 0·2	85 + 3	70 ...	6·7 + 0·3	6·5 ...
11 Hyderabad	3·95 −2·09	65 ...	86·6 − 0·1	72·0 0	80 + 2	63 ...	6·4 + 0·8	6·5 ...
12 Madras (including Travancore-Cochin) ...	4·86 −0·98	83 ...	91·1 + 0·3	77·0 + 0·6	75 − 1	65 ...	6·1 + 0·6	6·7 ...
13 Mysore ...	8·11 +0·32	104 ...	78·9 − 1·1	66·8 + 0·5	89 + 4	70 ...	7·1 + 0·4	6·9 ...
Mean of India ...	10·00 +0·38	104 ...	87·6 − 0·7	75·6 − 0·1	84 + 3	73 ...	6·4 + 0·6	6·4 ...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	13·23 −0·72	95 ...	84·0 − 0·5	74·1 + 0·2	86 + 2	78 ...	7·6 + 1·4	7·5 ...
16 Madhya Pradesh, West ...	11·68 +0·45	104 ...	84·0 − 1·2	73·3 − 0·2	85 + 2	74 ...	7·2 + 0·8	7·3 ...
17 Gujarat ...	5·01 −2·86	64 ...	86·3 − 1·5	75·7 − 0·3	88 + 4	71 ...	7·1 + 0·3	6·5 ...
18 Saurashtra & Kutch ...	1·49 −2·41	38 ...	87·3 − 0·9	76·1 − 0·7	86 + 4	73 ...	6·5 + 0·3	6·6 ...
19 Konkan ...	13·57 −4·57	75 ...	83·4 − 0·3	76·1 0	87 + 2	84 ...	6·6 − 0·3	6·5 ...
20 Deccan (Desh) ...	8·21 −0·84	91 ...	85·0 − 0·1	70·4 + 0·1	81 + 2	65 ...	6·6 + 0·6	6·5 ...
21 Hyderabad, North ...	4·39 −2·24	66 ...	84·7 − 0·5	70·4 + 0·5	84 + 5	69 ...	6·1 + 0·3	6·4 ...
22 Hyderabad, South ...	3·51 −1·93	65 ...	88·6 + 0·4	73·2 + 0·4	77 0	58 ...	6·6 + 1·2	6·6 ...
23 Coastal Andhradesa ...	4·17 −0·89	82 ...	92·3 + 0·4	78·8 + 0·2	76 0	67 ...	6·4 + 0·4	6·7 ...
24 Rayalaseema ...	1·93 −1·93	50 ...	91·4 − 0·5	75·5 − 0·4	68 − 1	56 ...	6·3 + 0·5	6·6 ...
25 Tamilnad ...	2·73 −0·79	78 ...	93·5 + 0·5	77·6 + 1·4	68 − 3	58 ...	5·5 + 0·9	6·4 ...
26 Malabar & South Kanara ...	17·22 −3·13	85 ...	83·6 + 0·2	74·5 + 0·3	93 + 2	86 ...	7·1 + 0·5	7·5 ...
27 Mysore ...	8·11 +0·32	104 ...	78·9 − 1·1	66·8 + 0·5	89 + 4	70 ...	7·1 + 0·4	6·9 ...
28 Travancore–Cochin ...	11·09 +1·77	119 ...	83·5 + 0·1	74·3 − 0·1	89 + 3	93 ...	6·9 + 0·7	6·9 ...

NOTE.—The entries in the second line for each division and subdivision indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	84·1	+0·7	86	5 days	75·2	+0·5	70	67	9·35	21·31	+ 5·02	3·19	7	16	−4·9	17·4	13·6	+0·2	26	0	0	6	0	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	65·55	...	17·50	26	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	88·6	+1·4	95	4,7	76·5	+0·6	73	24	1·16	21·36	+ 3·60	3·86	2	20	+1·3	1·5	1·2	+0·2	26	0	0	5	0	0	0	0	0	0
Dibrugarh ... (Mohanbari Aerodrome)	88·4	...	95	4	76·2	...	73	24	1·56	21·38	...	3·93	2	18	...	3·6	2·6	...	26	0	0	10	0	0	0	0	0	0
Sibsagar ...	88·1	−0·7	93	1,7	77·7	0	74	24	1·16	11·61	− 4·76	2·40	7	19	+0·9	3·6	3·4	+1·4	25	0	0	15	0	0	0	0	0	0
Tezpur ...	90·4	+1·0	95	1,2,20	77·1	−0·6	75	4 days	1·56	20·81	+ 7·79	6·56	17	21	+5·1	1·4	1·0	−0·4	25	0	0	12	0	0	0	0	0	0
Tezpur (P. B. O.) ...	89·9	...	95	2	77·3	...	75	5,15	1·23	20·77	...	5·89	17	18	...	1·7	1·1	...	23	0	0	17	0	0	0	0	0	0
Gauhati ...	90·0	−0·3	96	2	77·0	−1·0	75	5,days	2·46	14·03	+ 3·77	3·29	8	14	+0·9	2·5	1·8	+0·5	24	0	0	7	0	0	0	0	0	0
Gauhati (Kaikuchi... Aerodrome)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	16	0	0	0	0	0	0
Dhubri ...	87·8	+1·5	93	2,7,8	78·8	+0·3	75	4	3·99	12·61	− 0·68	2·18	15	19	+4·4	3·6	3·0	−0·5	22	0	0	5	0	0	0	0	0	0
Silchar ...	88·8	−0·7	95	20	76·4	−0·5	73	6,21	4·48	26·34	+ 6·08	3·11	15	26	+3·8	1·3	0·7	−0·8	29	0	0	13	0	0	0	0	0	0
Tura ...	84·6	...	88	14	74·5	...	73	6,13	8·65	19·28	...	3·49	17	22	...	4·1	3·1	...	28	0	0	0	1	0	0	0	0	0
Lumding ...	87·5	−2·7	92	1	75·4	−1·2	73	21	...	10·82	+ 2·74	4·68	21	12	+0·7	...	...	...	13	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	88·9	...	92	7,8,23	79·4	...	77	18	4·13	11·15	...	2·21	12	17	...	6·3	5·7	...	28	0	0	6	0	0	0	0	0	0
Calcutta ...	89·1	+0·1	93	8	79·7	+1·4	78	5 days	4·97	11·06	− 1·86	2·17	1	21	+3·0	5·0	3·6	+0·2	27	0	0	12	0	0	0	0	0	0
Saugor Island ...	85·9	+1·0	89	7	80·4	+0·8	77	31	10·08	21·44	+ 8·16	4·39	19	18	+1·7	12·7	12·3	+1·7	23	0	0	1	0	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	1·60	12·80	+ 3·96	4·20	13	16	+4·0	...	...	...	29	0	0	2	0	0	0	0	0	0
Midnapore ...	89·3	+0·1	93	8	78·9	+0·5	76	17	4·02	8·76	− 3·99	2·15	1	16	−0·8	4·3	3·2	+1·0	17	0	0	0	0	0	0	0	0	0
Contai ...	87·5	...	91	5 days	79·3	...	75	5	5·28	20·48	...	3·54	25	20	...	8·3	6·7	...	20	0	0	0	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	10·74	− 1·39	2·43	26	21	+5·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	90·4	+1·2	92	6 days	79·3	+0·4	76	4	4·40	6·67	− 5·25	1·20	26	13	−3·2	9·1	5·7	+3·4	18	0	0	11	0	0	0	0	0	0
Krishnagar ...	91·0	+1·5	94	6	78·3	−0·1	77	4 days	5·33	6·11	− 4·27	0·84	13,16	16	+0·7	4·3	3·5	0	26	0	0	5	0	0	0	0	0	0
Asansol ...	88·5	−0·3	92	1,7	78·1	+0·6	74	18	6·75	13·82	+ 0·54	3·07	18	21	+4·0	6·0	4·3	−0·4	28	0	0	16	0	0	0	0	0	0
Berhampore ...	88·0	−1·1	94	7,8	82·0	+3·2	77	4,27,29	7·31	11·85	+ 0·44	2·39	18	15	−1·3	4·1	2·9	−0·1	24	0	0	1	0	0	0	0	0	0
Malda ...	88·7	−0·4	92	8	79·8	+0·7	77	28	3·61	7·13	− 3·89	1·35	18	17	+2·4	6·0	4·6	−0·1	19	0	0	7	0	0	0	0	0	0
Cooch Behar ...	90·9	...	94	21	80·5	...	74	9	4·35	13·68	−10·06	1·98	23	20	+1·3	4·2	2·3	...	21	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	88·7	−0·1	93	8,20,21	77·2	−0·1	75	5 days	6·66	35·39	+10·12	6·37	26	20	−0·4	5·5	3·8	+2·1	24	0	0	20	0	0	0	0	0	0
Bagdogra ...	90·1	...	94	8	76·8	...	75	4 days	7·29	41·43	...	6·31	26	25	...	3·9	2·5	...	26	0	0	19	0	0	0	1	0	0
Orissa																												
Balasore ...	87·4	−0·9	91	6	79·2	+0·8	76	1,26	7·28	13·22	+ 1·46	1·75	16	21	+6·2	6·6	4·7	+1·1	22	0	0	4	0	0	0	0	0	0
Chandbali ...	87·8	−0·5	92	6,30	79·0	+0·6	76	4 days	3·12	10·16	− 4·56	2·50	14	15	−0·8	6·3	5·1	−1·5	30	0	0	0	0	0	0	0	0	0
Puri ...	87·5	−0·1	92	30	80·5	+0·9	76	31	5·43	9·59	− 1·33	1·32	17	16	+3·1	11·5	10·4	+0·5	19	0	0	8	0	0	0	0	0	0
Bhubaneswar ...	88·3	...	95	3	77·9	...	74	31	...	10·33	...	1·95	31	15	...	...	8·0	...	21	0	0	10	0	0	0	0	0	0
Cuttack ...	86·9	−2·1	92	30	78·4	+0·3	75	31	4·20	09·29	− 3·11	1·90	3	17	+1·2	4·5	3·6	+1·4	28	0	0	12	0	0	0	0	0	0
Cuttack (P. B. O.)...	...	...	...	...	...	...	...	...	6·07	11·47	...	2·15	17	16	...	3·5	2·1	...	27	0	0	9	0	0	0	0	0	0
Gopalpur ...	88·3	+0·5	95	2	79·4	+0·6	75	5,8	1·65	7·77	+ 0·07	2·22	8	11	+0·2	8·7	6·6	−1·1	15	0	0	6	0	0	0	0	0	0
Koraput ...	76·9	...	81	29	68·0	...	65	14	8·11	19·97	...	2·62	21	27	...	...	...	...	29	0	0	0	1	0	0	0	0	0
Angul ...	87·4	−0·2	91	9,17,27	77·3	+0·4	74	9,25	4·82	14·69	+ 3·13	4·38	25	13	−2·1	6·7	4·8	−0·1	19	0	0	11	0	0	0	0	0	0
Sambalpur ...	86·3	−0·4	90	4 days	76·3	−0·6	74	3,24	6·40	32·00	+12·96	6·36	31	20	+1·1	6·2	5·0	+1·4	25	0	0	17	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	8·50	22·44	...	3·90	14	21	...	...	...	...	24	0	0	19	0	0	0	0	0	0
Titilagarh ...	86·9	...	91	28,31	75·5	...	72	4,31	7·00	14·28	...	2·33	21	20	...	4·1	2·6	...	25	0	0	3	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	88·1	...	92	8	76·1	...	74	4 days	8·43	16·22	...	3·10	18	19	...	4·6	3·5	...	24	0	0	2	0	0	0	0	0	0
Jamshedpur ...	89·4	+0·5	93	8,25	78·7	+0·7	77	31	4·23	11·69	− 3·72	1·97	2	16	−2·0	6·3	4·9	+0·9	24	0	0	6	0	0	0	0	0	0
Chaibasa ...	88·5	+0·2	93	25	77·4	+0·5	76	6 days	10·62	16·42	+ 4·18	3·41	2	19	+2·4	2·5	1·5	−0·6	22	0	0	14	0	0	0	0	0	0
Ranchi ...	83·9	+0·6	86	10 days	73·0	+0·2	71	4 days	4·43	10·57	− 3·27	1·46	3	17	−1·6	4·1	2·9	−1·7	21	0	0	1	0	0	0	0	0	0
Hazaribagh ...	84·1	+0·1	89	9,25	73·7	+0·4	71	29	6·78	13·26	+ 0·05	2·01	20	22	+4·4	5·7	4·3	−1·6	26	0	0	16	0	0	0	0	0	0
Hazaribagh(C.W.)...	84·2	...	89	1,25	73·4	...	71	8,29,30	5·85	12·46	...	1·59	19	18	...	2·4	1·6	...	28	0	0	18	0	0	0	0	0	0
Daltonganj ...	88·1	−0·6	92	1,17	77·7	+0·8	75	25	3·21	8·96	− 4·55	1·20	13	22	+5·6	4·5	3·1	−0·2	29	0	0	15	0	0	0	0	0	0
Bihar																												
Purnea ...	89·2	+0·1	93	8	79·1	+0·6	75	28	5·05	7·63	− 5·52	2·37	27	12	−4·2	4·9	3·1	+0·8	20	0	0	8	0	0	0	0	0	0
Darbhanga ...	88·9	+0·2	93	1,2	79·8	+0·7	73	8	4·03	11·74	− 1·77	3·47	26	13	−0·8	4·5	2·0	−1·2	17	0	0	1	0	0	0	0	0	0
Motihari ...	91·0	+1·6	96	2	76·7	+0·4	74	27	4·30	10·17	− 2·80	2·02	25	15	+1·8	3·2	2·2	−1·6	19	0	0	3	0	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	3·85	− 8·71	1·55	8	10	−3·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	17·43	+6·15	5·47	18	12	−1·4	...	...	...	...	...	...	...	...	...	...	...	...	...

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10″ or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01″ or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah ...	...	...	...	...	...	...	...	...	...	20·97	+17·40	3·90	21	18	+3·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna ...	89·9	+0·8	95	2	79·9	+0·2	75	27	3·82	14·71	+ 1·62	4·52	18	10	−3·9	5·5	4·5	+0·6	14	0	0	6	0	0	0	0	0	0
Patna (Aerodrome) ...	90·3	...	95	1	79·5	...	71	18	1·53	8·61	...	2·58	29	9	...	6·1	4·5	...	14	0	0	7	0	0	0	0	0	0
Dehri ...	88·8	...	94	1,11	78·7	...	74	27	4·80	13·46	+ 0·24	3·25	29	18	+3·4	4·1	3·0	...	20	0	0	1	0	0	0	0	0	0
Gaya ...	89·9	0	94	4days	79·0	+0·8	75	28,30	5·55	12·58	− 1·17	1·75	20	19	+3·3	6·8	4·9	−0·4	25	0	0	18	0	0	0	0	0	0
Jamui ...	90·1	...	95	2	78·9	...	75	5	4·99	7·84	...	1·39	26	13	...	5·3	3·5	...	23	0	0	0	0	0	0	0	0	0
Dumka ...	88·5	0	93	8	76·7	−0·9	75	5days	4·55	11·69	− 1·25	2·03	4	17	−0·6	5·5	3·8	+1·7	19	0	0	16	0	0	0	0	0	0
Sabour ...	89·7	+0·7	93	1,8	80·1	+0·9	76	18	4·39	9 90	− 0·61	1·87	18	11	−4·0	6·1	4·6	−1·0	18	0	0	17	0	0	0	0	0	0
Bhagalpur ...	90·8	...	94	8	80·4	...	77	4days	3·48	9·06	...	1·98	4	14	...	5·4	4·1	...	17	0	0	13	0	0	0	0	0	0
U. P., East																												
Gonda ...	89·5	−0·3	98	2	78·7	+0·2	76	30	5·55	12·92	− 2·73	2·90	9	18	+1·5	3·8	2·8	−0·8	19	0	0	1	0	0	0	0	0	...
Gorakhpur ...	89·4	−0·2	97	3	79·0	+0·3	76	27,28, 30	5·33	13·62	− 0·13	2·63	12	18	+3·1	1·4	0·8	−1·8	20	0	0	0	0	0	0	0	0	0
Azamgarh ...	90·5	...	95	4days	78·6	...	75	30	4·22	13·90	...	5·04	29	13	...	0·8	0·6	...	19	0	0	0	0	0	0	0	0	0
Banaras ...	90·5	+0·9	96	11	78·8	+0·3	74	27	3·21	11·03	− 0·98	2·59	18	13	−1·9	6·0	4·9	+1·7	18	0	0	13	0	0	0	0	0	0
Banaras (Babatpur Aerodrome) ...	89·5	...	95	11	78·7	...	74	27	1·94	9·47	...	1·59	28	15	...	5·7	5·1	...	19	0	0	13	0	0	0	0	0	0
Allahabad (Bamrauli) ...	89·3	−0 1	98	10	78·3	−0·2	74	6	6·97	12·97	+ 2·96	3·22	19	15	+2·3	4·1	3·5	−0·8	21	0	0	14	0	0	0	0	0	0
Fatehpur ...	89·1	−0·6	95	15	78·4	−0·1	76	20,27 28	4·62	10·71	+ 0·68	2·21	26	13	−1·4	4·5	2·4	−0·8	14	0	0	2	0	0	0	0	0	0
Banda ...	88·5	...	94	3	78·2	...	75	27,28	7·73	14·92	...	4·10	19	14	...	0·9	1·1	...	15	0	0	0	0	0	0	0	0	0
Orai ...	88·2	...	93	3	77·5	...	74	20	5·13	13·57	...	1·96	12	15	...	6·4	5·1	...	18	0	0	1	0	0	0	0	0	0
Kanpur ...	89·4	−0·3	94	3	78·4	−0·3	76	5days	4·31	11·52	+ 0·32	2·85	27	13	−0·3	5·8	4·5	−1·9	17	0	0	4	0	0	0	0	0	0
Lucknow ...	90·0	−0·5	96	3	79·5	+0·9	74	30	3·33	13·80	+ 2·30	2·92	30	15	+1·3	3·0	1·8	−0·1	20	0	0	11	0	0	0	0	0	0
Lucknow (Amausi Aerodrome) ...	88·8	...	94	3	78·4	...	74	30	5·58	14·64	...	3·26	13	14	...	5·7	4·1	...	19	0	0	7	0	0	0	0	0	0
Hardoi ...	89·7	...	98	3	78·5	...	75	30	8·84	13·06	...	2·35	15	17	...	5·4	1·4	...	19	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri ...	89·6	...	98	2	78·3	...	76	27,28	3·33	7·80	...	1·37	12	12	...	3·9	2·2	...	20	0	0	1	0	0	0	0	0	0
Bahraich ...	89·1	−1·0	97	2	78·8	+0·4	72	26	8·73	19·52	+ 6·73	4·72	18	17	+4·5	5·1	3·7	+1·5	18	0	0	1	0	0	0	0	0	0
U. P., West																												
Jhansi ...	87·4	−1·9	92	3	76·3	−0·6	73	19,20, 27	9·29	14·23	+ 2·64	3·90	19	15	+1·7	4·7	4·0	+0·5	18	0	0	6	0	0	0	0	0	0
Agra ...	89·2	−2·2	95	3,17	78·1	−0·8	71	19	11·43	21·32	+16·21	5·90	20	16	+5·7	2·2	2·0	−1·7	19	0	0	1	0	0	0	0	0	0
Mainpuri ...	90·1	−1·7	98	3	78·6	+0·1	75	31	6·18	10·02	+ 0·97	2·35	26	17	+6·5	...	...	...	19	0	0	7	0	0	0	0	0	0
Aligarh ...	90·1	−1·4	96	2	78·0	−0·3	74	18	9·97	12·36	+ 4·43	2·03	18	14	+4·6	...	...	...	20	0	0	2	0	0	0	0	0	0
Bareilly ...	89·6	−0·6	96	3	78·2	0	75	26,28	10·68	15·02	+ 3·42	3·97	26	14	+1·7	3·5	2·3	+0·5	21	0	0	4	0	0	0	0	0	0
Meerut ...	89·8	−1·3	97	2	77·3	−1·3	72	14	...	17·40	+ 8·60	3·78	9	14	+4·2	...	4·0	...	16	0	0	0	0	0	0	0	0	0
Roorkee ...	89·2	−0·5	98	2	76·6	−0·5	72	4	6·31	17·11	+ 5·89	2·87	4	20	+8·2	4·6	2·3	+1·4	22	0	0	19	0	0	0	0	0	0
DehraDun ...	84·5	0	90	2	72·7	0	70	25	11·81	31·73	+ 5·94	4·72	17	22	+0·7	2·7	1·9	+0·1	26	0	0	13	0	0	0	0	0	0
Punjab (1)																												
New-Delhi ...	90·9	−2·1	98	2	78·0	−0·4	74	26,27	5·54	12·72	+ 5·49	2·51	10	15	+6·0	6·7	5·5	...	19	0	0	11	0	0	0	0	0	0
Hissar ...	93·8	−2·5	99	1,3	78·2	−0·8	75	5days	2·09	8·03	+ 3·16	2·53	12	11	+5·5	4·8	4·4	−0·5	15	0	0	4	0	0	0	0	0	0
Karnal ...	91·4	...	105	12	78·1	...	71	20	11·10	19·14	...	6·60	21	14	...	1·9	1·0	...	14	0	0	0	0	0	0	0	0	0
Ambala ...	91·2	−2·0	99	2	77·0	−1·0	73	20,21	7·61	13·74	+ 5·85	3·47	22	14	+5·0	2·9	2·5	+0·2	15	0	0	0	0	0	0	0	0	0
Patiala ...	90·1	...	97	2,31	78·2	...	75	4,13, 21	8·03	19·59	+ 9·93	4·33	13	14	...	4·7	3·5	...	16	0	0	4	0	0	0	0	0	0
Ludhiana ...	91·7	−3·2	98	31	77·0	−2·2	72	26	4·70	14·48	+ 7·83	2·65	12	12	+4·7	2·7	1·8	+0·3	14	0	0	6	0	0	0	0	0	0
Ferozepur ...	91·4	...	100	18,25, 26	77·8	...	72	5	2·44	6·44	...	3·30	4	7	...	2·0	1·0	...	7	0	0	2	0	0	0	0	0	0
Amritsar ...	92·6	...	100	25	77·1	...	71	13	2·53	6·30	..	1·64	11	9	...	7·6	6·5	...	16	0	0	7	0	0	0	2	0	0
Pathankot ...	90·0	...	97	1	73·7	...	66	28	5·14	20·40	...	4·60	3	17	...	2·6	1·8	...	19	0	0	2	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar ...	85·4	−1·2	92	3	64·1	+0·7	55	29,30	1·45	2·79	+0·37	1·40	5	4	−1·3	1·3	1·9	−0·4	9	0	0	5	0	0	0	0	0	0
Gulmarg ...	67·9	−1·0	75	31	49·0	−2·6	40	30	...	3·27	−1·37	1·27	6	6	−3·9	...	2·9	+0·2	15	0	0	8	0	0	0	0	0	0
Sonamarg ...	...	...	...	...	...	...	...	...	...	3·67	+0·05	0·87	5	9	0	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	76·2	+0·3	83	17	49·5	−0·2	40	30	0·14	0·31	−0·28	0·17	8	2	+0·1	4·2	3·7	+2·0	4	0	0	1	0	0	0	0	0	0
Skardu (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez ...	...	...	...	...	...	...	...	...	...	0·95	−2·43	0·30	5,14, 28	3	−4·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	88·3	−3·5	95	25	75·0	−2·7	70	26,28	...	9·67	−2·08	1·90	10	16	+4·9	...	...	...	18	0	0	0	0	0	0	0	0	0

(R) Register not received.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER— AUGUST 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	103·7	+3·8	105	3,4,17	81·3	+0·9	77	20	0·05	1·45	−0·60	1·32	7	1	−2·3	4·1	3·0	−2·7	4	0	0	1	0	0	0	0	0	0
Bikaner ...	96·4	−1·2	100	16,24, 25	79·4	−1·0	76	7	2·88	4·65	+1·05	1·14	9	8	+3·1	5·6	6·3	0	11	0	0	4	0	0	0	0	0	0
Jaisalmer ...	95·2	...	102	16	76·4	...	72	31	1·54	2·36	...	1·72	7	3	...	14·9	14·8	...	4	0	0	0	0	0	0	0	0	0
Jodhpur ...	90·4	−1·4	96	24	76·7	−0·3	73	31	1·58	5·82	+0·98	2·40	5	6	+0·1	7·8	5·8	−3·3	9	0	0	4	0	0	0	0	1	0
Phalodi ...	92·9	...	99	23,24	79·5	...	75	1	3·15	4·72	+1·55	2·07	1	5	+0·6	11·6	9·9	...	5	0	0	1	0	0	0	0	0	0
Barmer ..	91·5	−1·0	99	24	76·8	−0·1	73	27	0·59	2·18	−3·09	1·37	5	5	−0·8	7·6	6·5	+0·1	6	0	0	0	0	0	0	0	0	0
Rajasthan, East																												
Sikar ...	90·4	...	96	31	75·2	...	72	7,28	3·71	5·50	...	1·77	7	10	...	6·4	5·8	...	12	0	0	1	0	0	0	0	0	0
Jaipur ...	88·3	−2·6	93	3	75·4	−0·5	71	22,28, 29	0·97	8·75	+0·69	2·81	6	10	−0·2	5·9	4·6	+0·1	19	0	0	13	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	88·2	...	92	3,31	75·4	...	70	29	1·67	7·96	...	1·65	22	12	...	9·1	7·3	...	16	0	0	9	0	0	0	0	0	0
Ajmer ...	86·3	−1·4	90	24,31	74·8	−1·2	73	6,11	1·05	2·43	−4·32	1·04	4	5	−3·4	8·5	7·5	+2·4	8	0	0	1	0	0	0	0	0	0
Kotah ...	87·2	−2·4	92	31	76·9	−0·8	71	6	3·05	6·11	−3·55	1·45	17	11	+0·6	6·7	5·4	+2·0	14	0	0	5	0	0	0	0	0	0
Jhalawar ...	85·1	−2·0	89	30,31	74·9	−0·1	71	29	9·15	20·07	+7·56	5·56	26	14	+1·2	5·0	4·9	+1·0	17	0	0	3	0	0	0	0	0	0
Udaipur ...	83·2	−2·3	89	24	72·4	−1·4	68	30,31	2·05	5·93	−1·08	2·97	5	6	−2·6	4·9	3·3	...	15	0	0	1	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	87·7	−1·8	95	4	77·9	+0·3	73	20	5·66	11·78	+2·71	2·73	19	13	+0·3	6·0	5·0	...	18	0	0	11	0	0	0	0	0	0
Sheopur Kalan ...	86·9	...	92	2,3	75·5	...	71	29	6·35	14·66	...	3·39	21	19	...	4·5	3·3	...	23	0	0	1	0	0	0	0	0	0
Guna ...	83·3	−2·0	89	4	73·0	−0·6	67	29	6·93	15·49	+0·04	4·11	23	18	+4·4	8·9	7·3	+1·4	19	0	0	5	0	0	0	0	0	0
Neemuch ...	83·3	−1·5	88	24	72·9	+0·1	70	31	4·79	8·86	−0·29	3·04	5	9	−1·0	9·9	8·5	+0·6	13	0	0	3	0	0	0	0	0	0
Ratlam ...	80·8	...	85	29	72·0	...	69	5	1·79	9·44	...	4·76	4	9	...	9·0	6·7	...	17	0	0	0	0	0	0	0	0	0
Indore ...	81·3	−1·3	86	29,31	70·5	−0·8	66	28,31	1·50	3·71	−4·44	2·19	4	6	−5·3	14·2	11·2	+1·6	12	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) ...	81·6	−2·0	87	30,31	71·5	−1·1	69	26,28, 30	3·79	11·03	+0·09	3·79	4	11	−3·8	14·9	11·1	+4·0	25	0	0	4	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	86·6	−1·5	92	3,31	75·8	−1·1	73	8 days	7·93	18·19	+5 10	5·28	18	18	+4·1	4·4	3·4	+0·9	23	0	0	10	0	0	0	0	0	0
Sutna ...	85·0	−1·0	89	5days	75·9	−0·3	71	27	4·50	12·37	−0·83	1·80	26	15	−0·1	4·9	4·3	0	21	0	0	0	0	0	0	0	0	0
Umaria ...	82·4	−2·5	88	31	73·6	−0·8	70	27	6·94	21·79	+8·67	2·55	11	23	+7·0	4·7	3·3	−0·6	25	0	0	12	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	84·4	...	89	5days	74·8	...	71	4,5,27	6·81	18·69	...	2·72	9	19	...	4·3	3·2	...	21	0	0	4	0	0	0	0	0	0
Pendra ...	83·3	+0·1	87	9	72·3	+0·4	69	4	7·66	23·70	+9·38	3·84	3	23	+4·6	5·8	3·9	+0·1	27	0	0	16	0	0	0	0	0	0
Raigarh ...	86·4	...	92	8,31	76·5	...	74	1,4,31	6·86	31·80	...	6·67	13	18	...	4·8	4·4	...	20	0	0	0	0	0	0	0	0	0
Ambikapur ...	83·2	...	87	5days	73·0	...	70	27,28	10·19	22·36	...	2·92	12	24	...	8·0	5·2	...	26	0	0	2	0	0	0	0	0	0
Champa ...	85·7	...	92	8	76·3	...	73	4,8	8·51	23·96	...	3·65	3	21	...	6·8	5·7	...	25	0	0	11	0	0	0	0	0	0
Raipur ...	84·9	−0·9	90	30	75·6	+0·8	72	4	3·95	9·03	−5·29	2·20	14	18	+2·5	7·8	6·5	−0·9	23	0	0	3	0	0	0	0	0	0
Kanker ...	83·2	−1·2	88	1	74·4	+0·7	71	14	4·86	9·75	−2·49	1·74	14	15	−0·2	8·9	6·4	+1·4	21	0	0	0	0	0	0	0	0	0
Chanda ...	86·9	−0·4	93	18	76·4	−1·2	72	3,4	4·61	11·89	−0·71	4·45	4	10	−4·8	5·7	5·8	+1·4	17	0	0	1	0	0	0	0	0	0
Sironcha ...	87·3	...	93	18	76·1	...	73	2	5·80	14·75	...	4·66	25	16	...	5·9	3·7	...	20	0	0	1	4	0	0	0	0	0
Jagdalpur (P.B.O.) ..	82·6	−0 3	88	18	71·8	+0·2	69	4,28	4·49	11·77	−4·51	2·18	9	12	+2·1	6·9	4·3	...	27	0	0	7	0	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	81·5	...	85	7 days	69·4	...	67	4,5,27	1·92	3·16	...	1·93	4	6	...	9·0	7·9	...	12	0	0	0	0	0	0	0	0	0
Akola ...	87·2	−0·2	94	28	73·9	+0·2	70	4	2·25	4·44	−1·88	3·20	4	5	−4·1	12·1	9·2	+2·8	10	0	0	0	0	0	0	0	0	0
Amravati ...	86·1	+0·2	92	30	73·3	+0·2	69	4	1·53	5·65	−0·84	3·74	4	5	−4·8	13·2	10·0	+3·4	9	0	0	1	0	0	0	0	0	0
Yeotmal ...	84·9	...	89	21,30, 31	71·2	...	67	4	4·87	10·48	...	6·52	4	9	...	14·3	11·7	...	15	0	0	0	0	0	0	0	0	0
Khandwa ...	85·7	−0·1	91	29	73·8	−0·2	71	1,4,12	1·66	3·43	−2·82	2·28	4	5	−4·9	11·5	9·5	+2·7	13	0	0	0	0	0	0	0	0	0
Hoshangabad ...	82·5	−2·0	90	31	73·3	−1·2	70	5	3·13	12·37	−2·69	4·42	4	14	−1·7	4·4	3·3	−0·3	25	0	0	4	0	0	0	0	0	0
Sagar ...	80·7	−2·7	86	3,31	72·3	−0·3	69	26	6·16	17·49	+3·42	4·20	26	18	+2·4	13·9	13·8	+1·7	27	0	0	2	0	0	0	0	0	0
Jabalpur ...	82·1	−2·4	89	25,31	73·7	+0·1	71	4	11·61	30·82	+13·85	10·00	25	20	+2·6	6·8	5·2	+2·1	25	0	0	7	0	0	0	0	0	0
Mandla ...	82·3	...	87	4,8,31	73·0	...	70	4	3·64	16·79	...	4·42	25	17	...	5·1	3·2	...	27	0	0	5	0	0	0	0	0	0
Seoni ...	81·6	−1·1	86	9,30, 31	71·8	+0·3	69	4	5·36	10·20	−3·11	2·70	25	12	−4·5	5·5	3·5	−0·3	19	0	0	5	0	0	0	0	0	0
Chhindwara ...	80·5	...	86	31	70·9	...	68	4,29, 30	1·76	4·79	...	2·27	4	9	...	9·6	6·4	...	11	0	0	1	0	0	0	0	0	0
Betul ...	78·6	...	84	31	70·2	...	67	4days	2·18	6·25	...	1·74	4	12	...	7·4	5·5	...	24	0	0	1	0	0	0	0	0	0
Nagpur ...	86·3	−1·0	93	18,31	74·5	−0·5	69	5	1·67	9·05	−2·37	4·01	25	7	−3·3	10·0	6·5	...	26	0	0	1	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	86·8	...	91	5 days	74·5	...	71	22,29	1·71	5·36	...	1·84	6	6	...	...	...	...	11	0	0	0	0	0	0	0	0	0
Surat ...	86·9	+0·4	91	24,25, 31	77·4	+0·4	73	4	0·52	2·94	− 4·51	1·49	4	8	−4·4	7·9	7·2	+1·3	15	0	0	0	0	0	0	0	0	0
Ahmedabad ...	87·6	−2·1	93	28,29 31	76·0	0	73	5	1·81	7·31	− 0·74	2·06	1	8	−3·0	5·9	4·6	−0·6	16	0	0	0	0	0	0	0	0	0
Dohad ...	82·8	−2·5	87	28,29	73·2	−1·1	70	1,5	1·02	5·02	− 1·95	2·15	4	5	−5·7	14·9	12·8	+4·9	19	0	0	0	0	0	0	0	0	0
Baroda ...	87·7	−1·9	93	24,28, 29	76·3	−0·3	73	1	0·84	4·78	− 4·24	1·53	1	9	−0·7	4·7	4·2	−0·7	11	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	87·3	...	93	28,29	76·7	...	73	1	0·96	5·10	...	1·34	4	9	...	7·0	6·9	...	11	0	0	0	0	0	0	0	0	0
Broach ...	87·9	...	92	24	77·0	...	73	4,5,31	0·60	3·83	...	1·31	4	6	...	6·9	6·0	...	11	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	86·5	−1·9	90	15,25	76·5	+0·1	73	31	1·90	2·51	− 0·42	2·12	6	2	−1·7	11·3	9·6	−0·7	2	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.) ...	1·90	...	...	...	...	...	...	...	1·90	2·51	...	2·13	6	2	...	8·8	7·3	...	2	0	0	0	0	0	0	0	0	0
Dwarka ...	83·2	−1·5	85	7days	77·9	−0·7	75	6	0·14	0·83	− 1·75	0·64	6	2	−1·8	13·3	13·2	+0·6	3	0	0	0	0	0	0	0	0	0
Jamnagar ...	88·2	−0·4	92	15,17	76·1	−1·6	72	23	0·39	0·65	− 3·20	0·26	5	3	−2·2	...	...	...	6	0	0	0	0	0	0	0	0	0
Rajkot ...	88·9	+0·1	93	28,29, 31	74·3	−0·5	71	30,31,	0·41	1·06	− 4·04	0·58	6	2	−5·0	17·6	14·6	+4·4	8	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome) ...	88·9	...	93	29,31	74·3	...	70	31	...	0·98	...	0·60	6	2	...	...	16·2	...	7	0	0	0	0	0	0	0	0	0
Veraval ...	82·8	...	85	7 days	77·3	...	75	5,10	1·65	2·07	−1·54	1·29	5	3	−2·9	14·8	15·3	+4·3	16	0	0	0	0	0	0	0	0	0
Bhavnagar ...	89·9	−1·0	96	29	75·7	−0·9	74	5,29	0·67	1·84	−3·49	0·79	4	5	−2·3	8·6	7·1	+0·8	8	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	90·5	...	97	29	76·1	...	74	5	...	1·97	...	0·59	4	6	...	...	13·3	...	6	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	84·3	...	87	29	76·8	...	74	5,7	2·89	5·49	...	1·50	5	14	...	17·7	16·5	...	24	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	85·1	+0·1	87	6 days	76·6	+0·5	75	4days	3·30	6·80	−6·57	1·08	20	18	−1·0	11·4	11·0	+1·1	30	0	0	0	0	0	0	0	6	0
Bombay-(Santa Cruz Arodrome) ...	84·9	+0·3	87	15	76·5	+1·3	74	21	3·83	8·32	−5·07	1·16	5	19	0	11·3	9·4	...	31	0	0	0	0	0	0	0	15	0
Alibag ...	83·5	−0·4	85	5days	76·7	−0·3	75	9,25,30	...	6·58	−9·86	1·19	7	21	−0·1	...	16·9	+2·2	30	0	0	0	0	0	0	0	0	0
Harnai ...	81·7	...	83	4days	76·1	...	74	24	4·85	13·44	...	1·28	17	26	...	15·0	14·8	...	30	0	0	0	0	0	0	0	0	0
Ratnagiri ...	83·1	...	85	4 days	75·8	...	72	31	3·89	13·46	...	2·76	22	28	...	...	...	...	30	0	0	0	0	0	0	0	0	0
Devgad ...	82·8	...	85	29	75·5	...	72	23	5·85	19·01	...	3·64	23	27	...	17·6	17·1	...	29	0	0	0	0	0	0	0	0	0
Vengurla ...	83·9	...	86	9,10	75·1	...	73	25,26, 30	3·96	15·49	...	2·48	22	27	...	...	...	...	31	0	0	0	0	0	0	0	0	0
Marmagao ...	81·6	−0·6	83	8 days	74·9	−0·1	72	22	5·65	14·20	−2·91	3·22	23	25	+3·8	12·1	11·6	+3·4	28	0	0	0	0	0	0	0	0	0
Honavar ...	83·9	...	86	6	74·4	...	72	28,30	6·70	26·70	+1·06	3·78	15	30	+4·7	4·3	3·5	...	31	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	54·59	+4·89	5·11	5	31	+1·7	...	...	...	31	...	...	...	...	...	...	...	...	...
Jalgaon ...	88·6	...	94	28	73·3	...	70	28	1·03	3·18	−3·18	2·28	4	5	−6·3	15·2	11·1	...	14	0	0	0	0	0	0	0	0	0
Malegaon ...	86·9	−0·4	92	29	72·1	+0·2	69	4days	0·04	0·79	−2·30	0·57	4	2	−3·3	10·0	7·6	−1·0	4	0	0	0	0	0	0	0	0	0
Deolali ...	79·6	...	83	25	69·9	...	68	4days 29	...	2·89	...	0·60	4,7	9	...	...	10·6	...	20	0	0	0	0	0	0	0	0	0
Ahmednagar ...	84·2	−1·1	90	31	69·0	0	62	21	0·48	0·72	−2·00	0·32	24	1	−3·6	9·7	6·7	−2·1	10	0	0	0	0	0	0	0	0	0
Poona ...	80·6	−1·1	83	4 days	70·3	−0·2	69	6days	1·57	3·86	+0·31	0·52	2	11	+2·7	5·7	3·7	−5·2	23	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	80·1	...	87	6	68·8	...	64	13	1·96	4·16	...	0·70	2	13	...	...	...	...	23	0	0	0	0	0	0	0	0	0
Jeur ...	88·5	...	94	28,31	69·7	...	66	6,27	0·56	0·73	...	0·23	13	3	...	15·9	11·3	...	9	0	0	0	0	0	0	0	0	0
Sholapur ...	90·4	+1·6	95	30	71·8	+0·7	69	16	0·27	0·46	−3·82	0·12	21	1	−5·0	11·9	9·0	+0·3	8	0	0	0	0	0	0	0	0	0
Miraj ...	82·1	0	85	16	70·2	+0·2	65	27	1·22	2·10	−2·61	0·37	22	7	−2·2	16·0	10·9	+1·7	22	0	0	0	0	0	0	0	0	0
Kolhapur ...	78·4	...	81	28,29, 30	69·5	...	68	5days	24·7	7·65	...	0·86	20	22	...	14·9	11·4	...	29	0	0	0	0	0	0	0	0	0
Bijapur ...	87·1	+0·3	91	30	70·1	+0·1	67	27,28	1·13	1·32	−1·08	0·68	24	3	−0·7	12·2	10·0	+1·2	8	0	0	0	0	0	0	0	0	0
Belgaum ...	...	...	...	...	...	...	...	...	6·92	13·32	+3·68	3·45	7	26	+8·4	...	...	...	28	...	...	...	...	...	...	...	...	...
Gadag ...	83·6	−0·1	90	28	69·3	−0·2	68	4days	1·54	1·76	−2·32	0·30	31	4	−4·3	14·9	11·8	+1·5	15	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	83·2	−1·6	89	29,31	69·6	0	66	5	1·14	2·02	−2·77	0·71	4	6	−2·9	15·4	12·1	+2·0	16	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	83·8	...	89	28,29 31	68·9	...	65	16,28	1·10	2·02	...	0·85	4	5	...	14·7	11·2	...	19	0	0	0	0	0	0	0	0	0
Parbhani ...	87·0	...	95	4	71·1	...	67	28	2·07	5·88	+0·07	2·22	21	10	+1·0	...	...	...	17	0	0	0	0	0	0	0	0	0
Ramagundam ...	88·4	...	94	18,19	75·8	...	73	3,4,11	0·08	6·37	...	1·32	25	16	...	4·5	3·5	...	17	0	0	0	0	0	0	0	0	0
Nizamabad ...	86·5	−0·3	91	1,7,17	71·8	−1·2	69	2,21	1·38	6·57	−3·1	1·49	8	13	−0·8	7·7	5·3	+0·5	21	0	0	1	0	0	0	0	0	0
Bidar ...	84·4	+0·3	88	3,6,7	69·7	−0·3	67	27	1·49	3·10	−3·08	0·75	21	8	−2·4	13·7	11·8	+0·8	14	0	0	0	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	89·6	+0·8	93	4days	71·7	+0·2	68	27	0·94	1·76	−3·31	0·51	11	5	−2·7	15·5	12·7	+3·6	9	0	0	0	0	0	0	0	0	0
Raichur ...	90·6	+0·7	94	6	72·9	+0·3	70	27	0·87	3·01	−1·35	1·13	8	8	+0·2	14·5	13·3	+3·7	14	0	0	1	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	85·5	−0·4	90	6,7	72·4	+0·4	70	21	2·70	4·56	−0·73	1·18	21	10	+0·1	11·5	10·5	+1·9	17	0	0	3	0	0	0	0	2	0
Hyderabad (Begumpet Aerodrome) ...	84·9	...	90	6	71·6	...	70	5days	1·73	3·97	...	0·71	21	11	...	16·3	13·0	...	14	0	0	1	0	0	0	0	0	0
Hanamkonda ...	...	...	...	...	75·7	+0·6	72	8	1·07	4·66	−2·32	0·86	8	9	−1·7	11·9	8·5	+2·5	16	0	0	3	0	0	0	0	0	0
Khammameth ...	91·5	...	96	1,18	76·7	...	73	5	0·44	5·00	...	2·24	21	7	...	9·4	5·9	...	12	0	0	0	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	95·7	−0·3	102	6	79·6	+0·2	73	21	0·04	3·77	+0·75	1·14	26	8	+2·5	9·3	6·7	+1·2	8	0	0	0	0	0	0	1	0	0
Ongole ...	96·4	...	100	1	81·5	...	78	7days	0·64	0·80	...	0·49	9	3	...	11·4	9·1	...	3	0	0	0	0	0	0	0	0	0
Gannavaram ...	91·9	...	98	1,2	77·5	...	73	31	2·89	9·82	...	1·87	31	13	...	16·1	10·5	...	18	0	0	4	0	0	0	0	1	0
Masulipatam ...	91·2	−0·1	96	1,2	78·3	−0·4	71	31	1·24	7·43	+1·17	1·36	31	14	+3·8	9·9	7·5	+1·5	17	0	0	1	0	0	0	0	0	0
Kakinada ...	90·7	+1·0	97	18	78·5	+0·2	76	3,4,6	2·72	2·60	−2·96	0·60	26	9	−0·6	9·5	7·9	+2·5	14	0	0	0	0	0	0	0	0	0
Visakhapatnam ...	92·4	+0·7	97	30	79·5	+1·3	75	5	0·56	2·42	−2·74	0·73	5,30	5	−3·2	11·7	8·0	+0·4	11	0	0	3	0	0	0	0	0	0
Calingapatam ...	89·5	−0·5	93	4days	78·4	−0·2	75	5	1·31	5·89	−0·91	2·20	21	8	−1·5	8·1	6·5	+0·4	12	0	0	3	0	0	0	0	0	0
Rentachintala ...	94·3	+1·4	100	1	78·4	0	71	10	0·05	2·91	−0·63	1·00	13	6	−1·8	12·7	8·9	+0·3	8	0	0	4	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	87·3	...	91	5,6	71·1	...	68	29,30	0·33	1·46	...	0·60	29	5	...	11·9	9·9	...	8	0	0	0	0	0	0	0	0	0
Cuddapah ...	94·5	−0·2	100	6	78·0	+0·5	72	23	0·39	3·68	−1·56	1·23	21	7	−0·7	2·1	1·8	−4·8	12	0	0	0	0	0	0	0	0	0
Bellary ...	89·6	−0·9	93	18	74·9	+1·0	73	4days	0·10	0·29	−2·09	0·17	9	1	−3·0	12·1	10·4	+2·5	4	0	0	0	0	0	0	0	0	0
Kurnool ...	90·2	−0·3	93	1,6,13	73·6	−0·7	71	11	0·33	2·71	−1·79	1·00	20	6	−2·6	14·7	12·5	+3·3	6	0	0	2	0	0	0	0	0	0
Anantapur ...	92·5	...	96	6	74·6	...	72	9,10 31	0·40	1·04	−2·26	0·26	30	4	−0·8	15·1	12·8	...	12	0	0	0	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	95·5	...	101	27	80·5	...	79	6days	0	0	−0·66	0	...	0	−1·0	15·3	12·4	...	0	0	0	0	0	0	0	0	0	0
Pamban ...	88·1	−1·0	91	4days	80·5	+1·7	77	28	0	0·35	−0·24	0·35	28	1	0	8·4	8·7	+0·6	1	0	0	0	0	0	0	0	0	0
Mathurai ...	97·9	+2·7	102	6	77·8	+1·3	74	28,30, 31	2·17	2·48	−1·60	0·95	19	5	−0·7	5·1	4·0	+0·2	6	0	0	4	0	0	0	0	0	0
Nagapattinam ...	96·3	+2·2	100	1,6	79·4	+1·7	73	28	0·75	2·04	−1·01	0·76	10	3	−1·9	7·8	6·1	+0·9	6	0	0	2	0	0	0	0	0	0
Tiruchirapalli ...	96·2	−0·2	100	12,19	79·1	+0·9	75	28,29, 30	0·08	1·88	−1·95	1·47	28	3	−1·7	20·3	18·5	+3·3	4	0	0	2	0	0	0	0	0	0
Coimbatore ...	84·5	−2·9	88	12	72·3	+1·3	70	3,23	0·43	0·65	−0·58	0·59	29	1	−2·1	15·6	11·4	+6·0	3	0	0	2	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	87·9	...	90	4days	71·3	...	70	7days	0·52	0 53	...	0·42	29	1	...	25·7	21·0	...	3	0	0	4	0	0	0	0	0	0
Salem ...	92·8	+0·5	97	2	74·7	+1·5	71	29,30	0·29	4·60	−1·97	1·77	27	10	+0·1	5·7	5·0	+1·3	14	0	0	7	0	0	0	0	0	0
Kallakurichi ...	96·4	...	100	7days	77·4	...	71	28	0·37	8·41	...	2·62	27	8	...	...	...	...	10	0	0	7	0	0	0	0	0	0
Cuddalore ...	96·5	+2·3	101	5days	78·3	+1·3	72	27,28	0·19	6·07	+1·27	1·65	28	9	+1·9	8·1	6·3	+2·1	14	0	0	6	0	0	0	0	0	0
Vellore ...	94·6	+1·4	99	6,7,8	78·1	+1·7	70	29	0·02	4·49	−1·25	1·50	29	5	−2·4	8·3	6·2	+2·2	7	0	0	4	0	0	0	0	0	0
Madras ...	94·6	−0·2	101	1	77·9	+0·1	72	27	0·35	4·72	+0·14	1·53	27	10	+2·1	12·6	9·4	−0·3	13	0	0	7	0	0	0	1	0	0
Madras (Nungambakkam) ...	94·6	...	101	2	77·8	...	73	27	...	3·95	...	0·98	8	9	...	...	4·6	...	17	0	0	2	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	83·1	−0·8	86	1	74·6	+0·4	72	23	6·98	20·34	−3·18	2·53	23	28	+2·9	5·3	4·6	+0·1	30	0	0	2	0	0	0	0	0	0
Kozhikode ...	84·1	+1·2	87	1	74·4	+0·1	72	23	4·72	14·10	−3·06	2·01	6	24	+4·7	7·0	5·3	+0·8	27	0	0	1	0	0	0	0	0	0
Palghat ...	83·3	...	87	12	73·7	...	71	24	6·87	12·77	...	1·70	14	20	...	9·2	7·5	...	27	0	0	1	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	82·1	−0·5	86	11	69·0	+0·5	67	28	1·79	2·31	−1·07	0·49	21	8	+0·6	10·8	9·2	+1·8	16	0	0	1	0	0	0	0	0	0
Shimoga ...	80·8	...	83	18,29	69·8	...	68	25	2·27	5·08	...	1·14	23	20	...	6·4	4·5	...	25	0	0	0	0	0	0	0	0	0
Hassan ...	76·8	−1·9	81	29	65·8	+0·5	64	30	0·98	1·76	−2·14	0·44	30	7	−2·2	12·3	9·3	+3·1	18	0	0	1	0	0	0	0	0	0
Bangalore (Central Observatory) ...	81·5	+0·1	85	6,7,8	66·5	+0·9	64	1	3·00	6·07	+1·09	1·06	28	14	+4·7	12·3	9·9	+2·6	20	0	0	4	0	0	0	0	0	0
Bangalore (Aerodrome) ...	83·0	...	87	6,7,8	66·8	...	65	1	1·68	3·98	...	0·56	23	11	...	...	...	...	18	0	0	4	0	0	0	0	1	0
Mysore ...	82·0	−1·0	86	29	67·4	+0·6	66	1,30	0·90	2·15	−1·14	0·84	29	5	−2·0	11·0	8·3	+0·6	12	0	0	0	0	0	0	0	0	0
Balehonnur ...	72·0	−2·0	75	26	65·2	−0·2	63	9,15	...	28·25	+4·85	3·84	23	30	+5·5	...	...	...	30	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	82·5	+0·1	85	2	74·8	−0·2	72	2,3,4	3·38	13·25	+4·36	3·35	15	22	+3·3	7·4	6·4	+1·4	27	0	0	0	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	83·9	...	86	1,2,5	74·3	...	71	2,4	3·1.	10·75	...	3·94	15	24	...	4·9	3·2	...	27	0	0	0	0	0	0	0	0	0
Alleppey ...	83·8	...	86	1,2,3	73·7	...	71	4	3·77	15·09	...	2·51	19	24	...	7·2	6·2	...	29	0	0	0	2	0	0	1	0	0
Trivandrum ...	84·5	+0·1	87	27	73·8	−0·1	72	30	0·82	3·92	−0·3	0·88	13	11	+1·2	10·4	7·2	+0·6	17	0	0	1	0	0	0	0	0	0
Nagercoil ...	88·1	...	91	2,27	76·0	...	74	13	0·15	0·23	...	0·08	13	0	...	12·3	9·8	...	7	0	0	1	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	77·4	...	83	14	66·3	...	65	7 days	8·99	21·32	...	3·42	21	22	...	4·2	4·7	...	29	0	0	11	10	0	0	0	0	0
Shillong ...	75·5	+0·4	79	4days	64·4	+0·4	62	6,8,9	4·76	18·95	+6·46	3·35	27	20	+1·5	0·7	0·3	-1·4	27	0	0	10	0	0	0	0	0	0
Cherrapunji ...	72·3	-0·2	78	20	64·8	-0·5	62	29	14·22	79·28	+9·20	15·76	27	28	+1·8	6·6	6·7	+2·1	29	0	0	6	23	0	0	0	0	0
Darjiling ...	66·8	+1·2	71	1,14, 15	57·7	0	52	26	5·74	23·08	-3·48	4·50	25	23	-0·7	4·7	4·6	+1·2	25	0	0	0	29	0	0	0	0	0
Darjiling (Raj Bhawan) ...	68·2	...	74	15	59·4	...	58	4days	6·59	24·98	...	5·43	25	21	...	1·5	1·5	...	24	0	0	11	31	0	0	0	0	0
Kalimpong ...	75·7	+0·2	80	1	68·8	+1·6	67	10days	2·60	15·69	-4·19	3·74	11	16	-5·5	2·4	1·3	-4·0	16	0	0	0	14	0	0	0	0	0
Katmandu ...	84·3	+0·9	88	2,14,15	66·1	-2·2	64	20	1·36	13·08	-0·60	2·36	27	22	+1·2	1·0	0·8	-0·1	28	0	0	13	1	0	0	0	0	0
Mukteswar (Kumaon) ...	66·9	-1·1	72	3,15	58·1	+0·7	55	26,30	7·21	14·50	+2·24	2·09	20	23	+5·1	6·6	7·6	+2·5	28	0	0	0	30	0	0	0	0	0
Lokpal ...	46·7	...	50	1	40·6	...	38	31	...	20·81	...	1·55	1	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	21·53	...	2·00	26	23	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	67·6	-0·6	71	1,30, 31	60·2	+0·3	57	28	14·40	35·63	+8·29	4·28	17	28	+4·2	2·7	2·0	-1·6	28	0	0	6	0	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	23·05	...	3·05	3	27	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	31·13	...	3·55	16	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	67·5	-0·9	74	30	59·2	0	55	29	6·92	13·05	-3·80	1·80	20	22	+2·3	1·6	1·4	-0·8	25	0	0	1	15	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	29·49	+16·93	4·45	13	27	+10·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	2·70	+1·31	0·78	19	6	+2·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	2·49	...	0·94	20	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	29·15	...	3·35	20	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	4·65	...	2·72	20	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	73·3	...	78	16	61·3	...	53	28	6·24	27·05	-4·90	2·87	8	25	+3·5	1·5	1·6	...	25	0	0	0	4	0	0	0	0	0
Dharamshala ...	78·7	...	83	16	71·3	...	63	21	8·27	41·11	...	6·42	17	23	...	...	...	...	26	0	0	10	0	0	0	0	0	0
Pachmarhi ...	72·8	-1·6	79	31	66·4	-0·5	64	5,6	6·06	17·93	-5·89	2·76	25	22	+0·3	5·7	5·7	-0·7	28	0	0	1	25	0	0	0	0	0
Abu ...	70·5	-1·5	76	23,24	64·0	-0·4	61	2	5·80	30·47	+7·72	11·58	1	16	-1·4	5·9	6·2	-1·6	25	0	0	0	26	0	0	0	0	0
Mahabaleshwar ...	64·9	-0·7	66	4days	61·5	0	60	6days	25·21	68·51	-4·60	6·31	1	31	+1·2	11·2	12·3	+1·5	31	0	0	0	31	0	0	0	0	0
Nandi Hills ...	71·3	...	74	19	60·6	...	58	14,19	...	6·98	...	1·49	30	17	...	...	...	...	19	0	0	0	0	0	0	0	0	0
Mercara ...	68·3	-0·9	71	5days	63·1	+1·1	62	5days	11·63	36·38	+9·58	2·76	15	30	+3·5	10·9	10·7	+4·3	31	0	0	0	0	0	0	0	0	0
Kodaikanal ...	64·5	+1·8	69	2	52·7	+0·8	50	21	3·96	4·85	-2·15	0·94	30	10	-2·1	10·7	11·4	+3·8	19	0	0	4	0	0	0	0	0	0
Ootacamund ...	63·0	+0·2	66	27	52·3	+0·6	49	4	0·60	1·91	-3·78	0·42	27	6	-6·3	8·7	7·2	+1·9	21	0	0	1	0	0	0	0	0	0
Coonoor ...	71·3 (b)	+0·4	...	...	58·9 (a)	+1·1	...	...	...	1·88	-3·11	0·63	27	7	-2·1	...	6·1	+3·1	10	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	5·12	...	0·50	11,16	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	21·39	...	2·54	12	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	43·4	...	40	21,26	...	13·58	...	2·28	6	31	...	...	...	...	31	0	0	0	0	0	0	0	0	0
Tibet																												
Yatung (Chumbi) ...	67·7	+3·0	70	19, 20,22	50·1	-0·2	48	4days	...	2·97	-3·14	0·65	23	12	-5·4	...	...	...	12	2	0	0	0	0	0	0	0	0
Lhasa ...	75·9	...	84	5 days	49·3	...	42	29	...	6·66	...	1·31	14	15	...	...	0·1	...	17	0	1	24	0	0	0	0	0	0
Gyantse ...	69·4	+1·2	82	9	44·0	-0·2	38	11,27	...	5·04	+1·22	1·06	27	12	+2·2	...	1·5	-0·7	18	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	86·1	+0·5	87	10	77·0	0	73	2,29	0·05	0·42	-3·28	0·27	29	1	-5·9	...	...	...	5	0	0	0	0	0	0	0	0	0
Trincomalee ...	94·3	+1·7	97	23	78·3	+1·3	74	2,9	0·69	0·93	-2·92	0·36	18	3	-1·8	...	...	...	5	0	0	3	0	0	0	0	0	0
Batticoloa ...	92·8	...	97	14,15	76·7	...	75	21,23, 31	0·03	0·10	...	0·05	4	0	...	...	...	...	4	0	0	7	0	0	0	0	0	0
Hambantota ...	88·6	+1·8	94	14	76·1	0	73	14	0·23	0·39	-1·24	0·18	31	2	-1·9	...	...	...	4	0	0	0	0	0	0	0	0	0
Mannar ...	86·9	...	90	17	78·8	...	77	27	0	0	...	0	...	0	...	...	...	...	0	0	0	1	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	88·0	...	93	1	77·6	...	74	18	3·92	7·61	...	1·06	22	20	...	6·2	4·4	...	28	0	0	20	0	0	0	0	0	0
Hazaribagh ...	83·1	...	87	9,1,25	73·2	...	71	28,29, 30	5·30	11·86	...	2·24	26	17	...	6·0	4·7	...	25	0	0	10	1	0	0	0	0	0
Dhanbad ...	87·9	...	92	1	75·9	...	72	18	2·27	9·15	...	2·40	6	14	...	8·0	6·4	...	25	0	0	19	4	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	87·5	...	91	4 days	76·4	...	73	16	2·00	11·51	...	2·78	25	14	...	2·0	2·0	...	22	0	0	0	0	0	0	0	0	0
Hirakud ...	86·7	...	92	9,22	76·8	...	74	22,25, 31	5·78	34·48	...	7·41	10	21	...	3·2	3·1	...	27	0	0	0	0	0	0	0	0	0
Barkachhar ...	83·3	...	89	30	74·5	...	71	5	2·75	6·23	...	1·67	14	12	...	7·0	6·0	...	18	0	0	1	0	0	0	0	0	0
Sonepur ...	87·1	...	91	7,8	77·0	...	70	2	...	19·85	...	5·29	10	19	...	...	6·0	...	23	0	0	0	0	0	0	0	0	0
Ginabahar ...	85·3	...	93	10	74·1	...	69	13	...	15·83	...	1·83	3	22	...	...	...	...	29	0	0	0	0	0	0	0	0	0
Jonk ...	85·0	...	91	8	76·0	...	73	4	3·31	19·72	...	2·97	22	17	...	4·7	4·0	...	24	0	3	12	0	0	0	0	0	0

(a) Mean of 30 days (b) Mean of 29 days

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—AUGUST 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	75·0	...	87	24	62·7	...	58	4	...	8·70	...	0·88	5	19	...	...	...	...	22	0	0	0	0	0	0	0	0	0
Badrinath ...	70·0	...	71	2	49·6	...	49	13days	...	4·10	...	0·35	11	18	...	...	...	...	20	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
Punasa ...	85·5	...	90	29,31	73·3	...	69	31	1·31	4·08	...	2·38	4	4	...	10·4	7·9	...	13	0	0	2	0	0	0	0	0	0
Bagra Tawa ...	83·0	...	88	31	74·0	...	72	4	5·06	13·24	...	5·55	4	12	...	6·3	5·7	...	19	0	0	0	0	0	0	0	0	0
Thikri ...	88·4	...	91	4 days	75·0	...	70	28	...	2·33	...	1·68	3	3	...	...	...	...	19	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	84·5	...	89	24	73·3	...	71	4 days	...	2·61	...	1·12	3	8	...	...	...	...	18	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	81·7	...	85	23, 24	71·9	...	67	31	...	7·50	...	3·78	5	6	...	...	...	...	12	0	0	0	0	0	0	0	0	0
Dharoi ...	84·7	...	90	24,30	63·2	...	60	6 days	..	6·75	...	2·26	6	11	...	...	...	...	12	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1006·7	997·7	...	77·5	75·5	74·6	29·2	91	...	7·1	...	9·3	0	5	26	0	0	0	0	0	25	6	0	0
	0830	,,	1008·0	999·1	−0·5	80·4	76·7	75·1	30·0	85	+ 1	7·0	+0·4	13·4	0	16	14	0	0	0	0	0	23	6	1	1
	1130	,,	1007·2	998·3	...	82·8	77·5	75·4	29·5	79	...	7·0	...	17·0	0	23	8	0	0	0	0	0	26	4	1	0
	1730	,,	1006·1	997·2	...	79·5	76·7	75·5	29·8	88	...	7·0	...	12·4	0	11	20	0	0	0	0	0	25	6	0	0
	2330	,,	1007·7	998·7	...	77·8	76·0	75·0	29·5	92	...	6·0	...	10·1	0	5	26	0	0	0	0	0	26	5	0	0
Assam																										
Dibrugarh ...	0830	348	1003·2	991·3	−1·2	81·1	78·3	77·1	31·5	88	+ 1	7·3	+1·0	1·5	0	0	23	4	3	4	1	3	1	2	5	8
	1730	,,	999·1	987·3	...	83·4	79·8	78·4	33·3	85	...	5·7	...	0·6	0	0	8	1	2	1	0	0	3	1	0	23
Dibrugarh (Mohanbari Aerodrome)	0530	364	1002·6	990·4	...	77·8	76·5	75·9	30·3	94	...	7·6	...	1·5	0	0	14	1	5	3	0	3	2	0	0	17
	0830	,,	1003·8	991·4	...	81·0	77·7	76·2	30·6	86	...	7·5	...	2·5	0	0	23	1	14	0	1	3	1	2	1	8
	1130	,,	1002·3	990·0	...	85·1	79·4	77·1	32·0	78	...	6·8	...	3·0	0	0	28	1	16	4	1	3	2	1	0	3
	1730	,,	999·5 (a)	987·2	...	84·6 (a)	79·6 (a)	77·6	32·3 (a)	80 (a)	...	5·9 (a)	...	1·4 (a)	0	0	15	0	9	2	1	1	0	1	1	16
	2330	,,	1002·2	989·8	...	80·1	78·1	77·2	32·0	91	...	5·9	...	1·7	0	0	10	0	6	1	0	1	0	1	1	20
Sibsagar ...	0830	317	1004·9	993·1	−0·3	81·5	78·4	77·5	31·9	88	+ 2	7·5	+0·5	1·7	0	0	31	5	7	2	3	7	4	2	1	0
	1730	,,	999·8	989·1	...	86·1	81·0	78·8	34·0	79	...	6·4	...	2·6	0	0	30	7	9	2	2	3	4	1	2	1
Tezpur ...	0830	258	1003·5	994·7	−0·8	80·7	78·9	78·1	33·6	92	+ 5	6·6	+0·1	1·9	0	0	28	0	5	15	3	4	0	1	0	3
	1730	,,	999·0	990·3	...	86·4	81·3	79·3	34·4	80	...	4·2	...	0·7	0	0	11	0	2	7	0	0	0	1	1	20
Tezpur (P.B.O.) ...	0530	257	1002·3	993·4	...	78·3	77·5	77·1	31·6	97	...	7·6	...	0·9	0	0	9	3	0	3	0	3	0	0	0	22
	0830	,,	1003·5	994·7	...	81·9	78·8	77·4	32·4	87	...	7·3	...	1·8	0	0	18	0	4	7	1	2	3	1	0	13
	1130	,,	1002·3	993·6	...	85·5	80·2	78·0	32·5	79	...	6·3	...	1·4	0	0	17	2	3	5	3	1	2	1	0	14
	1730	,,	999·8	991·0	...	85·0	80·0	79·2	34·3	83	...	5·4	...	0·6	0	0	7	2	0	1	1	1	1	1	0	24
	2330	,,	1002·2	993·4	...	80·6	79·2	78·7	33·3	94	...	5·4	...	0·5	0	0	5	0	0	1	0	2	1	1	0	26
Gauhati ...	0830	182	1003·1	996·8	−0·4	82·1	79·1	77·8	32·6	87	+ 4	7·0	+0·9	1·9	0	0	28	3	6	3	5	7	1	1	2	3
	1730	,,	998·5	992·3	...	86·0	80·6	78·3	33·1	78	...	5·6	...	1·5	0	0	23	0	7	4	3	4	3	1	1	8
Gauhati (Kaikuchi Aerodrome) ...	0530	162	1001·3	995·7	...	80·2	78·8	78·3	32·8	94	...	7·3	...	1·5	0	0	13	0	1	5	1	3	3	0	0	18
	0830	,,	1002·7	997·2	...	83·1	79·8	78·7	32·9	87	...	7·1	...	3·7	0	1	20	0	3	13	0	1	2	1	1	10
	1130	,,	1001·6	996·1	...	86·3	81·2	79·6	34·3	80	...	6·1	...	4·8	0	1	27	3	7	11	1	1	1	1	3	3
	1730	,,	999·0	993·5	...	85·1	80·6	79·2	33·6	83	...	6·3	...	1·9	0	0	12	0	1	6	0	1	4	0	0	19
	2330	,,	1001·8	996·2	...	81·6	80·0	79·5	34·4	93	...	6·7	...	1·4	0	0	11	0	0	3	1	4	3	0	0	20
Dhubri ...	0830	115	1003·3	999·4	−0·1	82·6	80·0	78·1	34·0	89	+ 4	6·8	+1·0	3·7	0	0	27	2	4	7	9	4	1	0	0	4
	1730	,,	999·9	996·0	...	84·1	80·3	78·9	33·3	85	...	6·3	...	2·8	0	0	22	1	1	1	5	10	2	0	2	9
Silchar ...	0830	96	1003·8	1000·5	−0·8	80·9	78·5	77·4	32·1	90	+ 4	6·3	−0·1	0·2	0	0	3	0	0	2	1	0	0	0	0	28
	1730	,,	999·9	996·6	...	84·9	80·2	78·3	33·4	81	...	5·7	...	0·2	0	0	4	0	0	0	0	0	1	2	1	27
Tura ...	0830	1,215	1003·3	962·2	...	78·6	76·1	74·8	29·6	89	...	7·9	...	1·7	0	0	15	0	2	0	2	5	3	2	1	16
	1730	,,	999·9	959·4	...	80·8	77·9	76·6	31·2	88	...	7·5	...	2·1	0	0	18	0	0	1	3	2	10	1	1	13
Lumding ...	0830	...	...	...	...	81·9	78·4	76·8	31·6	86	+ 3	...	...	1·8	0	0	23	2	5	3	6	3	1	1	2	8
	1730	...	...	...	...	86·1	80·8	78·9	33·2	79	...	...	...	2·5	6	0	23	3	5	1	5	1	3	0	5	8
West Bengal																										
Dum Dum ...	0530	33	999·3	998·2	...	80·1	78·1	77·4	32·0	91	...	6·9	...	5·5	0	0	29	0	2	9	8	5	3	1	1	2
	0830	,,	1000·7	999·6	...	83·9	79·2	77·3	32·3	81	...	7·2	...	8·3	0	3	25	1	1	6	11	2	5	1	1	3
	1130	,,	1000·4	999·3	...	86·7	79·8	76·8	31·5	73	...	7·2	...	9·9	0	10	20	0	0	7	11	5	3	2	2	1
	1730	,,	997·9	996·8	...	84·6	79·4	76·7	32·3	79	...	7·1	...	8·2	0	5	25	1	0	1	12	11	5	0	0	1
	2330	,,	1000·8	999·7	...	81·8	78·7	77·2	32·3	87	...	5·3	...	5·5	0	0	30	0	1	4	11	9	4	0	1	1
Calcutta ...	0830	21	1000·7	1000·0	−1·3	83·7	80·4	79·1	33·6	86	+ 1	6·5	−0·2	3·8	0	0	30	0	3	10	7	3	5	1	1	1
	1730	,,	998·0	997·3	...	84·9	80·4	78·5	33·4	82	...	6·5	...	3·0	0	0	25	0	0	4	11	7	3	0	0	6
Saugor Island ...	0830	10	1000·1	999·8	−1·6	83·4	79·9	78·3	33·3	85	+ 1	6·9	+0·1	14·5	0	18	13	2	1	3	5	5	11	2	2	0
	1730	,,	997·8	997·5	...	84·1	80·1	78·5	33·3	84	...	7·0	...	15·0	0	23	8	1	0	1	6	9	11	2	1	0
Sandheads ...	0530	32	998·9	997·8	...	82·0	79·2	78·1	32·5	88	...	6·6	...	9·4	0	6	25	0	1	0	1	8	17	4	0	0
	0830	,,	1000·2	999·1	−2·1	82·8	79·6	78·2	33·4	86	+ 3	6·5	+0·7	9·1	0	6	24	0	1	1	1	5	18	4	0	1
	1130	,,	1000·2	999·1	...	83·2	79·7	78·1	33·0	85	...	6·8	...	9·1	0	5	26	1	0	2	3	4	16	4	1	0
	1730	,,	998·1	997·0	...	83·9	79·9	78·1	33·1	83	...	6·5	...	10·6	0	11	19	0	0	1	2	6	19	2	0	0
	2330	,,	1000·1	999·0	...	83·2	80·2	78·9	33·8	87	...	1·6	...	11·1	0	8	23	0	1	1	2	4	22	1	0	0
Midnapore ...	0830	149	1000·8	995·7	−1·0	83·1	79·7	78·7	32·9	86	+ 3	6·7	+1·0	2·2	0	0	20	1	2	7	2	4	3	1	0	11
	1730	,,	997·6	992·5	...	85·2	80·3	78·2	32·9	80	...	6·3	...	2·7	0	0	27	0	0	5	3	17	2	0	0	1
Contai ...	0830	35	...	...	...	83·3	80·3	79·1	33·8	87	...	5·3	...	5·0	0	0	28	1	0	2	3	16	2	3	1	3
	1730	,,	...	...	...	83·9	80·9	79·7	34·7	87	...	5·2	...	7·1	0	2	27	0	0	1	3	22	1	2	0	2
Burdwan ...	0830	106	1000·0	996·4	−1·9	83·3	79·0	77·4	31·6	82	− 2	3·7	−2·9	2·9	0	0	23	0	6	12	0	3	2	0	0	8
	1730	,,	997·1	993·5	...	85·7	80·0	77·7	32·7	76	...	3·9	...	3·8	0	0	23	0	0	13	1	7	2	0	0	8
Krishnagar ...	0830	48	1000·8	999·2	−1·6	84·7	80·9	79·7	34·0	84	0	6·4	+0·2	3·1	0	0	31	0	0	13	4	12	2	0	0	0
	1730	,,	998·3	996·7	...	85·2	80·7	80·0	33·7	84	...	5·7	...	2·1	0	0	29	0	0	10	5	13	1	0	0	2
Asansol ...	0530	414	999·1	985·0	...	78·8	77·8	77·4	32·1	95	...	6·5	...	2·5	0	0	22	1	3	7	6	3	0	2	0	9
	0830	,,	1000·5	986·5	−0·8	82·0	79·0	77·6	32·5	87	+ 2	6·7	+0·1	4·6	0	0	28	0	3	12	5	1	3	1	3	5
	1130	,,	1000·2	985·5	...	85·5	79·9	77·7	32·6	78	...	6·4	...	4·5	0	0	27	0	3	10	8	1	2	2	1	1
	1730	,,	997·5	983·5	...	83·3	79·4	77·5	32·4	83	...	6·8	...	3·7	0	0	23	0	1	14	3	1	1	1	2	8
	2330	,,	1000·4	986·3	...	80·0	78·7	78·4	32·6	94	...	4·8	...	2·8	0	0	17	0	0	5	2	3	0	0	0	14
Berhampore ...	0830	62	1001·4	999·1	−0·9	83·9	80·3	79·0	33·9	85	0	7·5	+0·9	3·7	0	0	28	0	1	15	4	8	0	0	0	3
	1730	,,	997·9	995·7	...	85·0	80·6	79·4	33·5	82	...	6·9	...	3·0	0	0	27	0	1	10	7	9	0	0	0	4
Malda ...	0830	103	1001·4	997·9	−1·1	84·0	80·2	78·7	33·2	84	+ 1	6·8	+1·2	5·0	0	0	28	0	0	13	8	6	1	0	0	3
	1730	,,	998·3	995·1	...	85·4	80·7	79·0	34·0	81	...	6·4	...	3·7	0	0	29	0	1	9	12	4	2	0	1	2
Cooch-Behar ...	0830	145	1001·2	996·2	...	82·9	79·3	77·7	33·9	85	...	6·8	...	4·0	0	0	28	2	0	10	7	7	1	0	1	3
	1730	,,	998·3	993·7	...	83·5	80·8	78·2	35·0	78	...	6·2	...	2·3	0	0	24	2	2	6	5	5	4	0	0	7

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd)–																										
Jalpaiguri ...	0830	271	1002·7	993·4	-0·5	80·7	78·2	77·1	31·9	89	+2	7·0	+2·0	4·6	0	0	29	4	8	15	1	1	0	0	0	2
	1730	,,	999·3	990·1	...	85·5	79·7	77·3	31·7	77	...	6·3	...	3·5	0	1	27	2	6	9	4	5	1	0	1	3
Jalpaiguri (P.B.O.)	0530	271	1001·5	992·1	...	78·1	77·1	76·7	31·5	95	...	6·9	...	2·1	0	0	14	2	8	3	0	0	1	0	0	17
	1130	,,	1002·1	992·8	...	84·9	79·7	77·4	32·6	79	...	6·3	...	4·3	0	0	27	0	3	16	5	1	2	0	0	4
*	2330	,,	1002·1	992·8	...	80·5	78·9	78·3	33·1	93	...	6·0	...	2·0	0	0	19	2	5	11	0	0	0	1	0	11
Bagdogra ...	0530	416	1000·8	986·2	...	77·2	76·3	75·8	30·4	96	...	7·1	...	1·9	0	0	13	1	7	4	1	0	0	0	0	18
	0830	,,	1002·1	998·0	...	82·4	78·4	76·6	31·3	84	...	7·2	...	4·5	0	0	27	1	8	15	3	0	0	0	0	4
	1130	,,	1001·4	987·4	...	86·1	80·4	7·81	33·2	78	...	6·5	...	6·3	0	0	31	0	8	19	4	0	0	0	0	0
	1730	,,	998·7	984·7	...	84·9	79·5	77·2	31·8	78	...	6·2	...	3·0	0	0	20	3	5	8	3	1	0	0	0	11
Orissa																										
Balasore ...	0830	65	1000·2	998·0	-1·5	82·8	79·9	78·4	33·4	86	+3	7·7	+1·9	4·4	0	0	30	0	4	4	2	5	9	2	4	1
	1730	,,	997·5	995·3	..	84·1	80·1	78·5	33·3	84	...	7·8	...	4·5	0	0	27	0	0	1	10	8	8	0	0	4
Chandbali ..	0830	20	1001·2	1000·5	-1·0	83·1	79·7	78·5	32·9	86	+3	5·5	-0·6	2·2	0	0	31	1	2	0	3	2	9	3	11	0
	1730	,,	998·3	997·6	...	84·1	79·9	78·3	33·3	83	...	4·6	...	3·2	0	0	29	1	0	0	10	4	7	7	0	2
Puri ...	0830	20	1001·2	1000·5	-1·1	83·3	79·8	78·5	33·2	85	+3	6·9	+1·3	9·1	0	8	22	4	0	0	0	0	14	6	6	1
	1730	,,	998·8	998·1	...	83·6	79·6	77·9	33·9	83	...	6·5	...	13·7	0	19	12	0	0	1	0	4	2	2	2	0
Bhubaneswar ...	0830	150	1000·9	995·6	...	81·7	78·8	77·6	32·2	87	...	7·2	...	4·8	0	0	30	3	1	0	0	1	7	15	3	1
	1130	,,	1000·4	995·2	...	84·8	79·4	77·0	31·7	78	...	7·3	...	6·7	0	3	26	1	1	0	0	4	8	13	2	2
Cuttack ...	0830	87	1000·7	997·7	-1·7	81·5	78·1	76·5	31·1	85	+4	6·2	+0·2	0·8	0	0	5	0	0	0	0	0	0	1	4	26
	1730	,,	998·2	995·2	...	83·3	78·7	76·5	31·6	80	...	6·5	...	0·6	0	0	5	0	0	0	0	0	3	0	2	26
Cuttack (P.B.O.) ...	0530	87	999·3	996·5	...	79·9	77·8	77·4	31·8	92	...	7·0	...	0·7	0	0	6	0	0	0	0	0	3	2	1	25
	0830	,,	1000·8	998·0	...	82·9	79·4	78·2	32·7	86	...	7·5	...	2·3	0	0	22	1	2	0	2	0	8	7	2	9
	1130	,,	1000·3	997·5	...	86·2	81·0	78·8	34·1	80	...	7·1	...	3·2	0	0	27	1	2	1	0	3	7	9	4	4
	1730	,,	998·1	995·2	...	83·2	79·8	78·4	33·0	86	...	7·3	...	2·5	0	0	19	1	0	1	3	2	5	4	3	12
	2330	,,	1001·1	997·6	...	81·1	79·3	78·5	33·0	92	...	5·5	...	1·2	0	0	12	0	0	0	0	3	6	2	1	19
Gopalpur ...	0530	56	999·9	998·0	...	80·3	77·8	76·8	31·4	90	...	7·4	...	3·9	0	2	16	1	0	0	0	3	11	2	1	13
	0830	,,	1001·5	999·6	-1·0	83·6	79·0	77·1	32·0	82	+1	7·1	+2·1	5·3	0	1	24	2	1	0	0	6	12	3	1	6
	1130	,,	1001·2	999·3	...	86·5	80·6	78·1	32·8	77	...	7·0	...	6·5	0	3	23	1	0	0	0	12	11	1	1	5
	1730	,,	998·9	997·0	...	84·2	80·6	79·2	34·2	85	...	7·4	...	7·4	0	9	19	0	1	0	1	12	12	2	0	3
	2330	,,	1001·1	999·2	...	81·4	78·8	77·6	32·6	88	...	5·2	...	4·1	0	2	19	2	1	0	0	4	10	3	1	10
Koraput ...	0830	2996	894·7	903·8	...	71·0	69·6	68·9	24·0	92	...	7·7	...	5·3	0	0	31	1	0	0	0	0	7	7	16	0
	1730	,,	893·0	901·5	...	72·3	70·5	69·4	24·5	91	...	7·7	...	4·4	0	0	31	2	0	0	0	0	6	12	11	0
Angul ...	0830	455	1001·3	98·58	-0·7	80·6	76·6	75·4	29·5	85	+4	7·5	+1·5	4·5	0	0	25	0	0	1	1	1	6	12	4	6
	1730	,,	998·3	982·9	...	83·5	78·5	76·3	31·0	80	...	7·9	...	3·2	0	0	26	2	2	0	1	2	7	8	4	5
Sambalpur ...	0830	486	1000 9	984·3	-1·3	79·7	77·2	76·2	30·8	89	+4	6·8	+0·2	5·2	0	0	30	0	1	0	0	4	16	8	1	1
	1730	,,	998·3	981·9	...	82·3	78·6	77·0	32·0	84	...	7·0	...	3·9	0	0	27	2	1	0	0	2	9	8	5	4
Jharsuguda ...	0530	726	998·9	974·2	...	77·4	76·0	75·7	29·9	93	...	7·0	...	1·6	0	0	14	0	0	1	0	3	7	2	1	17
	0830	,,	1000·2	975·6	...	81·1	77·7	76·5	30·7	86	...	7·2	...	2·3	0	0	20	0	0	1	0	5	9	4	1	11
	1130	,,	999·8	975·4	...	83·8	78·8	77·1	33·0	81	...	7·3	...	3·2	0	0	21	0	1	0	0	5	10	4	1	10
	1730	,,	997·5	973·1	...	82·2	78·1	76·9	31·1	84	...	7·3	...	2·4	0	0	19	0	1	0	0	4	6	7	1	12
	2330	,,	1000·0	975·3	...	79·0	77·2	76·8	30·8	92	...	6·9	...	1·1	0	0	11	0	1	0	0	4	5	1	0	20
Titilagarh ...	0830	691	1001·3	978·0	...	79·3	75·4	73·7	28·1	83	...	6·8	...	2·6	0	0	29	0	0	0	0	7	18	4	0	2
	1730	,,	998·8	975·3	...	81·9	76·8	74·8	29·3	80	...	6·7	...	2·0	0	0	29	3	0	0	0	4	12	7	3	2
Chota Nagpur																										
Purulia ...	0830	835	1000·7	972·6	...	80·8	77·1	75·7	30·4	85	...	7·5	...	4·4	0	0	30	2	5	6	6	2	5	2	2	1
	1730	,,	997·5	969·6	...	82·6	78·2	76·4	30·4	82	...	7·6	...	3·3	0	0	27	1	6	3	9	3	3	1	1	4
Jamshedpur ...	0830	423	1000·3	986·0	-1·3	82·3	78·2	76·5	31·2	83	+1	6·7	-0·2	5·5	0	1	28	0	5	7	3	1	6	6	1	2
	1730	,,	997·3	983·1	...	83·8	79·2	78·5	32·2	79	...	7·4	...	4·8	0	1	25	1	3	9	6	1	0	1	5	5
Jamshedpur(P.B.O.)	0530	423	999·1	982·9	...	79·4	77·2	77·1	31·2	93	...	7·4	...	1·5	0	0	14	2	1	4	1	0	2	4	0	17
	1130	,,	999·8	983·7	...	85·9	80·9	79·6	33·8	81	...	7·3	...	4·7	0	0	26	2	3	11	0	0	4	1	5	0	5
	2330	,,	1000·2	984·1	...	81·2	79·0	78·2	33·1	91	...	5·8	...	1·7	0	0	14	0	1	5	0	0	0	4	4	0	17
Chaibasa ...	0830	742	1000·2	975·1	-1·0	80·8	77·7	76·4	31·2	86	+3	7·5	+1·1	1·3	0	0	18	1	7	0	0	0	8	1	1	13
	1730	,,	997·2	972·4	...	83·2	78·8	77·0	31·5	82	...	7·8	...	1·2	0	0	14	1	2	0	1	1	7	2	1	17
Ranchi ...	0830	2150	891·6	929·0	-0·7	77·3	74·4	73·4	27·8	90	+5	6·0	-0·7	0·5	0	0	7	0	1	1	1	1	2	1	0	24
	1730	,,	889·6	926·8	...	80·0	74·0	73·6	26·2	83	...	7·1	...	0·6	0	0	7	0	0	1	1	0	4	0	1	24
Hazaribagh ...	0830	2006	891·3	933·8	-1·0	77·0	74·9	74·0	28·9	91	+7	7·3	+0·1	4·9	0	1	23	2	2	6	7	1	4	3	3	7
	1730	,,	888·3	931·1	...	79·7	76·0	74·6	29·4	85	...	7·4	...	5·2	0	1	27	1	0	6	0	5	2	2	5	3
Hazaribagh (C.W.)..	0530	2008	889·6	932·2	...	73·9	73·1	72·6	27·2	96	...	6·3	...	2·3	0	1	13	3	3	2	0	2	2	1	1	17
	0830	,,	891·3	933·7	...	77·6	74·8	73·5	28·0	88	...	7·0	...	3·9	0	2	22	2	3	6	2	4	1	4	2	7
	1130	,,	891·2	933·3	...	80·9	76·2	74·3	29·2	80	...	6·6	...	3·9	0	0	24	2	8	3	0	4	1	4	2	7
	1730	,,	888·8	931·1	...	78·7	75·4	74·0	28·4	86	...	7·1	...	3·5	0	1	24	1	3	4	3	6	6	0	4	1	6
	2330	,,	890·7	933·2	...	74·9	73·7	73·3	28·2	95	...	5·6	...	2·1	0	0	16	1	5	3	3	2	0	1	1	15
Daltonganj ...	0830	725	1000·4	975·5	-1·2	81·9	78·1	76·3	30·8	83	0	6·8	+1·8	3·3	0	0	28	0	2	7	2	1	1	15	0	3
	1730	,,	996·9	972·6	...	84·3	79·3	76·8	31·9	78	...	6·5	...	3·0	0	1	25	3	2	9	1	0	1	9	1	5

* Observations for 30 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1001·5	997·3	-0·8	83·4	80·2	78·8	34·1	86	0	6·8	+1·0	3·3	0	0	29	0	5	21	2	0	1	0	0	2
	1730	,,	998·5	994·2	...	84·9	80·4	78·5	33·4	82	...	6·2	...	1·3	0	0	16	0	1	10	4	0	0	1	0	15
Darbhanga ...	0830	161	1001·4	995·9	-0·5	83·7	81·6	80·6	36·1	91	+ 9	7·0	+0·9	2·3	0	0	28	0	13	13	2	0	0	0	0	3
	1730	,,	998·1	992·3	...	87·1	83·2	81·9	36·8	85	...	5·3	...	2·3	0	0	30	0	6	8	13	0	3	0	0	1
Motihari ...	0830	218	1001·2	993·7	-1·0	83·8	80·4	79·1	33·8	86	+ 4	6·7	+1·6	2·3	0	0	29	0	0	28	1	0	0	0	0	2
	1730	,,	998·0	990·6	...	85·9	81·5	79·9	34 6	82	...	5·5	...	1·2	0	0	15	0	0	15	0	0	0	0	0	16
Patna ...	0830	173	1000·6	994·7	-0·9	84·3	80·4	78·9	33·5	84	+ 2	6·4	-0·5	3·5	0	0	30	1	15	4	7	0	3	0	0	1
	1730	,,	997·5	991·6	...	85·8	80·8	78·9	33·7	80	...	6·4	...	3·0	0	0	27	0	13	6	2	1	5	0	0	4
Patna (Aerodrome) ..	0530	196	999·0	992·2	...	80·4	79·0	78·5	33·0	94	...	6·7	...	2·8	0	0	23	1	0	19	1	1	0	1	0	8
	0830	,,	1000·3	993·6	...	84·1	80·5	79·1	34·1	85	...	7·1	...	5·9	0	1	28	0	2	13	7	2	2	3	0	2
	1130	,,	1000·0	993 3	...	86·6	80·9	78·8	33·8	78	...	6·9	...	7·0	0	3	28	0	5	12	10	0	1	2	1	0
	1730	,,	997·0	990·4	...	86·2	80·8	78·7	33·3	79	...	6·9	...	5·0	0	0	26	1	4	13	3	0	3	2	0	5
Dehri ...	0830	352	999·9	987·9	...	81·6	79·1	78·0	33·9	89	...	6 7	...	3·0	0	0	31	4	4	1	9	1	5	1	6	0
	1730	,,	996·5	984 7	...	85·4	80·6	78·2	33·2	81	...	7·2	...	2·3	0	0	31	3	6	8	2	1	4	4	3	0
Gaya ...	0530	365	998·5	986·0	..	79·5	78·2	77·7	32·0	94	...	6·5	...	2·8	0	1	19	0	2	9	1	4	1	2	1	11
	0830	,,	1000·0	987·6	-1·2	83·0	79·1	74·1	32·0	84	+ 7	7·1	+1·9	4·8	0	0	25	1	1	13	2	1	4	1	2	6
	1130	,,	999·7	987·1	...	87·0	80·4	77·8	32·6	75	...	7·0	...	5·0	0	0	28	0	7	10	1	1	4	2	3	3
	1730	,,	996·8	984·5	...	85·4	80·0	77·7	32·4	79	...	7·3	...	5·1	0	0	29	0	6	8	2	4	5	3	1	2
	2330	,,	999·6	987·2	...	81·5	79·3	78·4	33·5	90	...	6·5	...	4·3	0	0	24	0	1	8	6	2	1	1	5	7
Jamui ...	0830	270	1000·1	990·7	...	84·4	80·3	78·7	33·6	83	...	6·9	...	3·7	0	1	28	0	0	16	9	1	0	0	3	2
	1730	,,	997·2	987·8	...	84·8	79·9	77·8	32·5	80	...	6·8	...	2·8	0	0	26	1	2	16	5	0	0	0	2	5
Dumka ...	0830	489	1000·8	984·2	-1·0	83·0	79·6	75·1	32·8	85	+ 2	3·5	-2·3	2·8	0	0	31	1	6	9	11	0	1	3	0	0
	1730	,,	997·6	981·2	...	83·2	79·8	77·7	33·0	85	...	5·2	...	2·8	0	0	31	2	4	9	12	1	0	2	1	0
Sabour ...	0830	122	1001·0	996·8	-1·0	84·4	80·8	79·3	34·4	85	0	6·6	0	5·4	0	0	29	0	0	20	8	0	1	0	0	2
	1730	,,	997·8	993·6	...	85·5	81·1	79·1	34·0	83	...	6·5	...	4·3	0	0	26	0	0	18	8	0	0	0	0	5
Bhagalpur ...	0530	160	999·6	991·2	...	80·9	79·5	79·1	33·6	94	...	6·4	...	1·7	0	0	19	0	1	8	10	0	0	0	0	12
	0830	,,	1000·9	995·6	...	85·6	81·0	79·2	34·2	82	...	6·9	...	2·8	0	0	26	0	0	16	8	1	1	0	0	5
	1130	,,	1000·7	995·3	...	87·7	81·7	79·5	34·2	77	...	6·8	...	3·7	0	0	30	0	1	15	8	2	1	3	0	1
	1730	,,	997·6	992·3	...	85·7	80·8	78·9	33·5	81	...	6·6	...	2·8	0	0	27	0	2	14	9	0	2	0	0	4
	2330	,,	1000·7	995·3	...	82·2	79·8	78·8	33·5	90	...	5·1	...	2·0	0	0	21	0	0	8	11	2	0	0	0	10
U. P. East																										
Gonda ...	0830	360	1000·7	988·5	...	82·1	79·3	74·8	32·9	85	+ 1	6·0	-0·2	2·3	0	0	24	0	0	19	2	0	0	3	0	7
	1730	,,	997·6	985·5	...	85·6	81·0	78·9	32·5	81	..	5·6	...	1·1	0	0	13	0	0	9	1	0	0	3	0	18
Gorakhpur ...	0830	254	1000·5	992·2	-0·7	82·7	79·4	77·2	32·7	85	0	5·9	+1·1	0·4	0	0	7	0	1	6	0	0	0	0	0	24
	1730	.	997·3	988·7	...	85·5	80·2	78·1	32·9	79	...	5·3	...	0·5	0	0	9	1	4	1	1	0	0	0	2	22
Gorakhpur (P.B.O.).	0530	257	999·2	990·3	...	79·2	78·3	77·9	32·3	96	...	7·6	...	1·5	0	0	13	1	7	3	1	1	0	0	0	18
	1130	,,	1000·3	991·6	...	86·2	81·3	78·9	33·9	81	...	7·4	...	4·0	0	0	29	1	5	13	5	2	1	1	1	2
	2330	,,	1000·4	991·6	...	80·8	79·5	79·0	34·1	94	...	6·4	...	2·3	0	0	18	1	9	6	1	1	0	0	0	13
Azamgarh ...	0830	255	999·8	991·5	...	81·4	80·5	79·5	34·7	88	...	6·3	...	0·6	0	0	8	0	0	8	0	0	0	0	0	23
	1730	,,	996·8	985·3	...	86·3	81·9	80·6	34·9	83	..	4·7	...	0·5	0	0	5	0	0	2	1	0	0	0	0	26
Banaras ...	0830	250	1000·1	991·6	-0·9	82·1	79·8	78·6	33·7	90	+ 6	6·8	+0·3	4·3	0	0	28	1	2	7	1	3	4	6	4	3
	1730	,,	997·1	988·5	...	87·0	81·2	78·6	33·8	79	...	6·6	...	4·6	0	0	30	8	2	3	1	3	3	9	1	1
Banaras (Babatpur... Aero drome)	0530	280	998·8	989·4	...	79·6	78·3	77·9	33·0	95	...	7·2	...	2·5	0	0	21	1	3	4	0	1	5	6	1	10
	0830	,,	1000·5	990·9	...	82·9	79·4	78·0	32·8	81	...	7·4	...	4·7	0	1	28	1	1	6	4	2	3	6	6	2
	1130	,,	1000·1	990·6	...	86·3	80·1	77·7	31·9	76	...	7·2	...	5·7	0	1	28	0	5	7	5	0	6	3	3	2
	1730	,,	997·4	987·9	...	86·1	80·0	77·6	32·3	76	...	7·0	...	5·3	0	0	28	3	6	6	1	1	7	3	1	3
	2330	,,	999·9	990·4	...	80·6	79·2	70·6	33·1	92	...	7·2	...	2·8	0	0	23	0	6	6	4	0	6	0	1	8
Allahabad (Bamrauli) ...	0530	322	998·7	987·7	...	79·5	78·6	77·5	32·7	93	...	7·3	...	3·8	0	1	24	2	1	3	1	2	4	9	3	6
	0830	,,	1000·2	989·2	-0·8	82·0	79·0	77·9	32·5	87	+ 3	7·6	+0·8	6·0	0	2	28	2	1	4	2	2	7	8	4	1
	1130	,,	1000·5	989·1	...	85·6	80·3	78·0	33·5	80	...	7·3	...	6·3	0	1	30	0	5	5	1	2	5	8	5	0
	1730	,,	997·1	986·2	...	85·2	80·3	78·4	32·7	81	...	7·3	...	5·7	0	3	28	3	6	4	1	1	2	9	5	0
	2330	,,	999·8	988·9	...	81·5	79·0	78·1	32·7	91	...	7·4	...	3·9	0	1	24	1	4	2	4	2	9	2	1	6
Fatehpur ...	0830	375	1000·5	987·7	...	81·6	79·6	78·5	33·6	90	+ 5	7·1	+1·1	1·7	0	0	18	2	0	2	3	2	2	2	5	13
	1730	,,	997·0	984·4	...	83·5	80·8	79·0	34·6	82	...	7·1	...	0·8	0	0	7	0	0	1	0	2	0	1	3	24
Banda ...	0830	398	1000·3	986·8	...	80·9	78·6	77·8	32·6	90	...	5·8	...	1·2	0	0	15	0	1	2	0	0	0	12	0	16
	1730	,,	997·5	984·1	...	86·7	79·8	77·0	31·8	84	...	5·6	...	0·8	0	0	10	0	1	1	0	0	0	8	0	21
Orai ...	0830	463	1000·1	984·4	...	81·3	79·1	77·9	32·8	90	...	7·7	...	5·0	0	1	30	2	1	3	0	4	6	11	4	0
	1730	,,	998·1	982·5	...	84·9	80·9	79·5	34·3	85	...	5·3	...	8·5	0	4	27	3	4	2	4	2	3	6	7	0
Kanpur ...	0830	414	1000·0	985·9	-0·9	82·0	79·7	78·6	33·7	90	+ 3	6·5	+1·9	5·2	0	1	28	3	1	5	6	3	4	5	2	2
	1730	,,	997·5	983·5	...	85·5	80·5	78·8	33·3	82	...	6·5	...	5·2	0	1	29	1	7	2	6	4	0	9	1	1
Lucknow ...	0830	371	1000·5	988·2	-0·1	82·1	80·5	79·7	34·7	89	+ 6	6·3	+0·4	1·8	0	0	26	1	2	10	2	5	4	1	1	5
	1730	,,	997·4	985·2	...	85·8	82·4	81·1	36·2	87	...	6·7	...	1·8	0	0	25	7	1	6	5	1	2	2	1	6
Lucknow (Amausi Aerodrome) ...	0530	419	998·7	986 3	...	79·6	79·0	78·7	33·6	98	...	7·3	...	0·6	0	0	6	1	0	2	2	0	1	0	0	25
	0830	,,	1000·1	985·8	...	82·2	79·1	77·9	32·6	87	...	6·7	...	5·0	0	0	22	1	3	5	7	2	0	3	1	9
	1130	,,	1000·3	986·0	...	85 4	79·7	78·0	32·1	80	...	6·7	...	6·2	0	1	27	1	4	5	6	6	2	1	3	3
	1730	,,	997·4	983·1	...	85·1	80·3	78·2	32·9	86	...	6·5	...	5·4 (a)	0	1	27	1	4	5	5	7	2	1	3	3
Hardoi ...	0830	467	999·8	983·9	...	82·2	79·3	78·1	32·9	83	...	5·8	...	3·2 (a)	0	0	29	2	2	8	9	1	2	3	2	1
	1730	..	996·8	981·1	...	84·9	80·8	79·4	34·0	83	...	4·9	...	2·5	0	0	25	2	1	4	4	3	4	4	3	5
Lakhimpur Kheri ...	0830	483	1000·5	984·1	...	82·6	79·2	77·7	32·7	85	...	6·1	...	3·2	0	0	30	1	2	12	12	0	1	2	0	1
	1730	,,	997·6	981·4	...	85·3	80·6	78·8	32·7	81	...	5·9	...	1·8	0	0	19	0	1	12	4	0	0	1	1	12
Bahraich ...	0830	407	1001·1	987·3	-0·1	82·9	79·4	78 0	32·8	86	+ 4	6·3	+1·8	2·2	0	0	24	0	0	12	12	0	0	0	0	7
	1730	,,	998·1	984·3	...	86·0	81·0	78·3	33·9	79	...	6·0	...	2·1	0	0	21	0	0	8	7	1	3	1	1	10

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1000·6	972·7	-0·6	79·3	76·6	75·5	30·0	88	+ 8	5·5	+0·5	1·3	0	0	13	0	0	0	0	0	0	13	0	18
	1730	..	997·5	969·8	...	83·2	78·1	76·1	30·6	80	...	6·7	...	1·0	0	0	12	0	0	0	0	0	0	9	3	19
Agra ...	0830	553	1000·1	981·3	-0·8	81·4	78·5	77·2	31·8	87	+10	6·1	+0·5	0·5	0	0	6	0	0	0	0	0	0	1	0	25
*	1730	..	997·5	978·9	...	85·2	80·1	75·6	32·9	81	...	5·7	...	2·0	0	0	1	0	0	0	0	0	0	0	1	29
Mainpuri ...	0830	516	1000·3	982·7	-0·6	81·7	79·6	77·4	32·5	91	+10	7·1	+1·6	1·0	0	0	13	1	0	4	4	1	1	1	1	18
	1730	..	997·3	979·8	...	85·7	79·7	78·7	31·9	81	...	7·0	...	1·1	0	0	14	1	1	2	3	1	0	3	3	17
Aligarh ...	0530	615	998·7	977·8	...	79·3	78·1	77·7	32·3	95	...	5·6	...	1·0	0	0	6	0	3	1	0	0	0	2	0	25
	0830	..	999·9	979·2	...	81·6	79·0	77·5	32·7	85	+ 7	6·2	+1·6	1·0	0	0	8	0	1	3	0	0	0	4	0	23
	1130	..	1000·4	979·7	...	85·5	80·7	78·6	33·9	81	...	6·5	...	4·1	0	0	22	0	6	6	1	1	0	4	1	9
	1730	..	997·4	976·6	...	86·2	81·9	80·5	35·3	52	...	6·2	...	1·4	0	0	11	1	2	1	0	2	1	4	1	20
	2330	..	999·8	978·9	...	81·1	79·4	78·7	33·4	93	...	5·3	...	1·2	0	0	8	0	2	2	0	0	1	3	0	23
Bareilly ...	0830	568	999·9	980·7	-1·2	82·6	79·5	78·3	33·1	87	+ 3	6·8	-0·1	3·4	0	0	27	2	2	7	10	1	2	1	1	4
	1730	..	997·2	978·1	...	84·3	79·9	78·1	32·9	83	...	6·8	...	1·8	0	0	20	3	2	4	3	2	3	2	0	11
Bareilly (P.B.O.) ...	0530	565	998·7	999·4	...	80·0	78·4	77·9	32·4	93	...	6·0	...	3·2	0	0	25	0	2	18	3	3	0	1	1	6
	1130	..	1000·2	981·1	...	85·8	80·4	78·5	33·2	79	...	7·1	...	5·0	0	0	29	0	0	10	9	0	2	2	3	2
	2330	..	999·9	980·6	...	81·0	79·1	78·5	32·9	92	...	5·1	...	3·9	0	0	27	0	2	14	8	3	0	2	0	4
Meerut ...	0830	728	1000·3	975·7	-0·6	82·5	75·2	77·2	27·1	83	+ 3	4·9	-0·3	1·7	0	0	25	0	6	10	2	0	0	4	3	6
Roorkee ...	0830	899	1000·0	969·6	-0·2	80·9	78·1	76·9	31·8	88	+ 1	5·3	0	1·4	0	0	21	0	1	1	18	0	0	0	1	10
	1730	..	997·0	967·1	...	86·2	80·2	77·7	32·5	77	...	5·1	...	1·4	0	0	20	0	0	0	14	1	1	0	4	11
Dehra-Dun ...	0530	2,239	890·7	925·1	...	73·8	72·9	72·2	27·3	96	...	6·7	...	0·7	0	0	9	3	4	0	1	1	0	0	0	22
	0830	..	892·0	926·3	-0·8	76·2	73·9	73·0	27·3	91	+ 6	5·9	-0·6	1·4	0	0	20	5	1	1	1	2	3	6	1	11
	1130	..	892·6	926·7	...	80·6	75·5	73·2	28·0	79	...	6·7	...	2·1	0	0	28	1	0	0	5	6	11	5	0	3
	1730	..	890·1	924·2	...	79·9	75·8	74·1	28·8	93	...	6·0	...	1·6	0	0	21	3	2	1	2	6	0	6	1	10
	2330	..	891·8	926·2	...	75·5	74·2	73·4	28·4	94	...	5·8	...	0·8	0	0	10	4	2	0	2	2	0	0	0	21
Punjab (I)																										
New-Delhi ...	0530	710	998·4	974·2	...	79·1	77·1	76·2	30·8	91	...	5·2	...	3·9	0	0	20	1	0	4	4	1	0	5	5	11
	0830	..	999·8	975·7	-1·2	81·8	77·9	76·0	32·0	84	+ 7	5·9	+1·4	5·5	0	2	24	0	1	5	3	1	4	5	7	5
	1130	..	999·8	976·0	...	86·8	79·6	76·4	31·4	73	...	5·9	...	8·3	0	5	21	1	1	6	3	1	3	4	7	5
	1730	..	996·9	973·1	...	87·2	79·4	75·8	30·6	71	...	5·8	...	5·3	0	0	24	1	3	4	6	0	3	2	5	7
	2330	..	999·2	975·5	...	81·3	78·4	77·0	31·4	87	...	4·7	...	2·9	0	1	12	0	1	4	3	0	3	1	1	18
Hissar ...	0830	725	999·9	975·4	-0·6	81·8	77·8	76·0	30·7	83	+13	3·9	+0·9	3·9	0	0	27	2	2	1	1	5	11	3	2	4
	1730	..	997·1	972·9	...	89·6	81·0	77·5	32·3	69	...	3·1	...	3·2	0	0	27	3	4	4	1	3	7	3	2	4
Karnal ...	0830	818	999·7	972·5	...	81·2	78·3	77·1	31·4	87	...	5·6	...	1·1	0	0	14	0	1	1	6	2	3	0	1	17
	1730	..	997·0	969·5	...	85·3	79·7	76·0	32·4	76	...	5·4	...	1·1	0	0	15	1	3	0	6	2	3	0	0	16
Ambala ...	0830	892	999·6	969·4	-1·2	80·6	78·0	76·3	31·6	87	+ 8	5·0	+0·3	1·5	0	0	18	0	0	10	7	0	0	0	1	13
	1730	..	996·9	966·9	...	87·5	80·1	77·1	31·7	75	...	4·0	...	0·8	0	0	9	0	0	3	6	0	0	0	0	22
Ambala (P.B.O.) ...	0530	906	998·4	967·8	...	80·6	77·8	76·8	31·1	89	...	5·4	...	2·7	0	0	19	1	2	12	1	0	0	1	2	12
	1130	..	1000·1	969·7	...	84·2	78·9	77·3	31·3	80	...	6·2	...	4·7	0	0	24	1	2	7	8	0	0	1	5	7
	2330	..	999·1	968·6	...	82·7	79·3	78·1	32·6	86	...	4·2	...	3·5	0	0	21	1	0	11	7	1	0	1	0	10
Patiala ...	0830	822	999·7	971·7	...	81·7	78·5	76·9	32·3	87	...	5·8	...	1·9	0	0	18	0	0	0	16	0	1	0	1	13
	1730	..	996·5	969·0	...	87·5	80·2	77·5	31·8	72	...	5·1	...	2·4	0	0	23	1	1	2	11	0	2	2	4	8
Ludhiana ...	0830	810	999·5	972·1	-1·0	80·6	77·6	76·2	31·0	87	+ 2	5·2	+1·5	1·3	0	0	11	0	8	0	3	0	0	0	0	20
	1730	..	997·2	970·1	...	88·8	80·5	76·7	31·6	69	...	3·3	...	1·2	0	0	11	0	4	0	4	0	2	0	1	20
Ferozepur ...	0830	657	999·2	976·4	...	83·9	79·0	77·0	31·6	80	...	3·5	...	1·6	0	0	18	0	3	0	4	3	3	2	3	13
	1730	..	996·3	974·5	...	91·4	80·9	76·6	31·3	63	...	3·5	...	2·2	0	0	23	4	4	3	6	2	4	0	0	8
Amritsar ...	0530	769	998·4	972·3	...	78·4	77·1	76·6	30·5	94	...	4·1	...	5·1	0	0	28	1	5	10	7	3	1	1	0	3
	0830	..	999·6	973·6	...	82·1	78·4	77·0	30·6	85	...	4·3	...	7·2	0	0	31	1	2	12	10	2	3	0	1	0
	1130	..	999·9	974·2	...	87·8	80·7	77·8	32·9	73	...	4·3	...	6·4	0	1	26	0	3	9	9	2	2	1	1	4
	1730	..	996·6	971·1	...	90·0	81·3	77·8	32·7	69	...	2·9	...	6·5	0	1	30	2	7	10	6	1	0	1	4	0
Pathankot ...	0830	1128	1000·0	962·0	...	79·6	76·5	75·0	29·7	87	...	5·9	...	1·5	0	0	17	0	9	4	1	2	0	0	1	14
	1730	..	998·0	960·6	...	87·9	79·9	76·5	31·6	69	...	4·3	...	1·7	0	0	24	0	2	1	1	3	2	5	10	7
Jammu and Kashmir																										
Srinagar ...	0830	5,205	793·6	834·9	-0·6	69·2	65·4	63·5	19·8	82	- 1	4·9	+1·1	1·6	0	0	13	2	1	1	3	1	0	2	3	18
	1130	..	794·3	834·9	...	78·3	68·8	64·4	20·4	64	...	4·4	...	2·5	0	0	20	1	3	3	2	1	0	3	7	11
	1730	..	791·9	832·1	...	81·7	69·6	63·8	19·9	55	...	3·8	...	2·6	0	0	21	1	0	1	8	1	0	3	7	10
Gulmarg ...	0830	8709	725·7	736·8	-0·4	57·7	55·4	54·1	14·3	87	+ 6	4·9	+0·7	3·1	0	0	24	2	3	2	7	3	5	2	0	7
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh * ...	0530	11,529	705·9	664·0	...	50·7	44·4	36·1	8·1	59	...	4·1	...	3·3	0	0	23	0	23	0	0	0	0	0	0	7
	0830	..	705·7	664·7	-0·7	60·7	50·1	42·4	8·5	51	- 8	4·5	+0·7	0·3	0	0	5	0	0	0	0	2	3	0	0	26
	1730	..	701·3	661·2	...	69·7	54·3	43·3	8·6	40	...	4·6	...	5·7	0	0	27	0	1	1	0	0	13	12	0	4
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	79·7	75·9	88·3	23·8	84	+ 5	5·9	+1·7	5·3	0	0	31	8	20	0	0	0	1	1	1	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	998·6	979·4	...	86·2	77·2	73·9	27·6	67	+ 4	1·5	-0·2	2·5	0	0	28	2	2	2	1	0	15	5	1	3
	1730	..	995·4	976·3	...	96·0	80·3	73·0	28·1	51	...	3·1	...	2·3	0	0	28	4	4	2	4	3	7	3	1	3
Bikaner ...	0830	734	999·8	975·5	-0·1	82·6	78·7	76·6	31·4	83	+11	1·9	-1·1	4·7	0	0	30	0	0	0	0	0	32	0	8	1
	1730	..	996·5	972·2	...	93·6	81·3	76·6	30·9	60	...	2·6	...	4·4	0	0	29	0	0	0	4	0	16	0	9	2

(R) Register not received. * Observations for 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	998·9	973·9	...	80·3	75·4	57·0	27·7	78	...	3·2	...	4·4	0	0	29	0	0	0	0	5	16	8	0	2
	1130	,,	1000·1	975· 6	...	89·6	76·2	76·2	25·0	65	...	3·0	...	4·3	0	0	28	0	0	1	0	3	13	9	2	3
	2330	,,	999·4	974·6	...	84·5	77·5	74·1	29·0	72	...	3·1	...	4·2	0	0	29	0	0	2	0	13	10	4	0	2
Jaisalmer ...	0330	793	999·9	972·2	...	78·5	75·0	72·9	28·1	88	...	2·6	...	15·0	0	22	9	0	0	0	0	2	26	3	0	0
	1730	,,	996·4	970·3	...	93·8	80·1	74·5	29·0	56	...	2·4	...	13·2	0	19	12	0	0	1	0	1	27	1	1	0
Jodhpur ...	0530	736	1000·0	974·9	...	77·4	74·5	73·0	27·7	86	...	4·4	...	6·4	0	0	30	0	0	0	0	0	19	10	1	1
	0830	,,	1001·7	976·6	+1·3	79·4	75·3	73·3	29·0	82	+ 3	5·9	−0·1	8·1	0	2	29	0	0	0	0	0	15	15	1	0
	1130	,,	1002·0	977·1	...	84·6	76·7	72·9	27·5	69	...	6·3	...	8·3	0	0	30	0	0	1	0	0	13	15	1	1
	1730	,,	998·5	973·9	...	88·7	77·5	72·2	27·1	60	...	5·3	...	7·9	0	0	31	0	0	1	0	0	22	7	1	0
	2330	,,	1000·9	975·9	...	81·0	75·4	72·7	27·7	77	...	2·6	...	5·1	0	0	31	0	0	0	0	0	22	8	1	0
Phalodi ...	0830	767	1000·6	975·0	...	79·1	75·8	73·9	29·0	83	...	3·7	...	11·2	0	8	23	0	0	0	0	3	23	5	0	0
	1730	,,	998·1	972·8	...	91·6	77·1	70·3	25·1	52	...	3·2	...	11·2	0	12	19	2	0	0	0	14	10	5	0	0
Barmer ...	0530	638	999·8	978·0	...	78·0	75·3	74·1	28·7	87	...	3·6	...	6·4	0	4	26	0	0	0	0	0	20	10	0	1
	0830	,,	1001·2	979·5	0	79·3	75·7	74·1	28·9	84	+ 5	5·4	0	3·9	0	0	26	0	0	0	0	3	18	5	0	5
	1130	,,	1000·3	979·8	...	85·5	77·6	73·5	28·6	69	...	5·5	...	2·8	0	0	25	0	0	0	0	8	14	2	1	6
	1730	,,	998·1	976·8	...	89·9	79·5	75·0	29·6	63	...	4·8	...	2·6	0	0	25	1	0	0	0	11	11	2	0	6
	2330	,,	1000·4	978·8	...	82·5	77·6	75·2	29·9	79	...	2·8	...	3·4	0	0	26	0	0	0	0	13	13	0	0	5
Rajasthan, East																										
Sikar ...	0830	1419	1000·5	953·7	...	79·1	76·3	75·0	29·7	87	...	4·7	...	2·6	0	0	30	0	1	0	0	4	14	11	0	1
	1730	,,	997·0	950·5	...	87·4	81·0	78·3	32·6	71	...	5·9	...	2·2	0	0	31	0	1	4	1	1	6	10	8	0
Jaipur ...	0830	1431	1000·8	952·7	−1·2	78·9	75·2	73·3	28·1	84	+ 6	5·6	−0 2	5·9	0	0	30	1	1	1	0	0	3	15	9	1
	1130	,,	1000·6	952·9	...	84·0	77·3	74·3	28·9	73	...	5·8	...	7·0	0	0	31	1	1	2	0	0	2	18	7	0
	1730	,,	997·7	950·2	...	84·5	78·0	74·9	29·8	75	...	6·6	...	5·0	0	0	30	2	3	2	0	1	9	11	2	1
Jaipur (Sanganer Aerodrome) ...	0530	1282	999·0	955·6	...	76·4	75·1	73·6	29·2	92	..	5·8	...	5·6	0	0	26	1	1	1	0	0	2	11	10	5
	0830	,,	1000·7	957·2	...	79·3	75·5	73·9	29·1	83	...	6·1	...	9·0	0	4	26	0	1	1	0	0	0	14	14	1
	1130	,,	1000·4	957·5	...	83·8	77·2	74·1	28·9	73	...	6·3	...	10·8	0	13	16	2	0	2	0	0	0	15	10	2
	1730	,,	997·1	954·7	...	84·7	77·9	75·7	29·4	75	...	6·2	...	6·5	0	1	26	0	1	3	0	1	3	14	5	4
	2330	,,	1000·1	956·8	...	78·5	76·4	75·0	30·1	91	...	5·5	...	5·3	0	0	25	1	0	2	1	0	3	14	4	6
Ajmer ...	0830	1593	1001·2	947·7	−0·9	77·2	73·0	71·1	25·8	81	+ 4	6·3	+1 3	8·7	0	1	29	0	1	0	0	0	15	14	0	1
	1730	,,	998·1	945·4	...	84·5	75·5	71·3	26·1	66	...	5·8	...	6·1	0	0	31	0	0	1	0	0	12	17	1	0
Kotah ...	0530	843	999·5	970·8	...	78·4	75·0	73·4	28·1	85	...	5·6	...	4·4	0	0	28	0	0	0	0	0	8	16	4	3
	0830	,,	1001·1	972·5	−0·8	79·8	75·6	73·7	28·3	82	+ 7	6·4	+1·2	4·2	0	0	30	0	1	0	0	0	5	21	3	1
	1130	,,	1001·3	972·9	...	84·5	77·4	74·1	28·9	75	...	6·7	...	5·0	0	0	31	0	1	0	0	0	2	17	11	0
	1730	,,	998·4	970·3	...	84·6	77·9	74·8	29·6	74	...	6·7	...	3·3	0	0	26	0	0	0	0	0	3	12	11	5
	2330	,,	1000·8	972·2	...	80·2	75·9	74·1	28·6	81	...	5·5	...	4·3	0	0	29	0	0	0	0	0	16	12	1	2
Jhalawar ...	0830	1053	1001·6	965·9	−0·5	77·1	74·1	72·9	27·3	87	+ 5	5·8	−0·4	4·1	0	0	29	1	0	0	0	0	6	21	1	2
	1730	,,	998·9	963·6	...	82·9	76·3	73·3	28·2	74	...	5·6	...	3·9	0	0	30	0	0	0	0	1	8	16	5	1
Udaipur ...	0530	1910	890·5	936·8	...	73·4	70·9	69·7	24·8	89	...	5·0	..	2·9	0	0	21	0	0	0	0	2	6	12	1	10
	0830	,,	891·9	938·0	−0·7	75·9	71·9	70·2	25·1	82	− 6	6·9	+1·1	3·5	0	0	28	0	0	0	0	2	9	16	1	3
	1130	,,	892·5	938·6	...	80·6	74·0	70·6	26·0	73	...	7·0	...	5·1	0	0	29	2	0	0	0	5	10	12	0	2
	1730	,,	890·8	936·5	...	79·8	73·7	70·7	25·9	73	...	6·9	...	4·6	0	0	28	0	0	0	0	5	13	9	1	3
	2330	,,	892·1	938·3	...	74·8	71·8	70·4	25·4	86	...	4·5	...	2·1	0	0	17	0	0	0	0	5	5	7	0	14
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	998·5	975·1	...	78·6	76·5	75·1	30·2	89	...	6·2	...	5·0	0	0	24	0	1	2	0	0	10	7	4	7
	0830	,,	1000·0	976·7	−1·0	80·5	77·0	75·8	30·1	85	+ 3	7·0	+0·9	5·3	0	0	27	1	0	3	0	0	6	13	4	4
	1130	,,	1000·2	977·1	...	84·0	79·0	76·8	31·6	79	...	7·0	...	5·5	0	0	28	2	0	3	1	0	1	7	14	3
	1730	,,	997·5	974·4	...	83·6	79·1	77·1	31·8	81	...	7·2	...	3·6	0	0	25	2	3	1	0	0	4	9	6	6
	2330	,,	999·9	976·6	...	80·1	77·5	76·5	31·0	89	...	5·7	...	3·3	0	0	19	0	2	1	0	2	7	6	1	12
Sheopur Kalan ...	0830	771	999·7	973·3	...	78·5	77·0	75·9	31·0	93	...	6·8	...	3·5	0	0	25	0	2	1	0	5	12	5	1	6
	1730	,,	997·7	971·7	...	83·8	79·3	77·0	32·2	83	...	7·3	...	1·8	0	0	14	3	0	0	0	1	3	4	3	17
Guna ...	0530	1571	1000·2	947·1	...	74·0	73·6	73·5	28·1	98	...	6·8	...	7·0	0	1	29	0	1	0	0	1	16	11	1	1
	0830	,,	1001·3	948·3	−0·9	75·5	74·6	74·5	28·9	94	+ 8	7·2	+1·2	6·2	0	0	31	1	1	0	0	0	8	19	0	10
	1130	,,	1001·7	949·0	...	79·1	77·0	76·3	30·9	91	...	7·5	...	6·2	0	1	30	1	1	0	0	0	8	16	5	0
	1730	,,	998·6	946·4	...	80·2	78·0	77·2	31·8	91	...	7·0	...	5·9	0	0	31	4	1	1	0	0	7	15	3	0
	2330	,,	1001·5	948·5	...	75·6	75·0	75·0	29·5	98	...	6·8	...	4·7	0	0	27	0	1	0	1	1	10	9	5	0
Neemuch ...	0830	1626	1002·5	947·7	−0·5	75·5	72·8	71·4	26·5	88	+ 3	7·3	+1·3	8·4	0	0	31	0	1	0	0	0	13	17	0	0
	1730	,,	1000·1	945·9	...	80·6	74·1	71·1	25·4	74	...	7·0	...	10·0	0	2	29	0	0	0	0	0	15	15	1	0
Ratlam ...	0830	1596	1003·1	949·0	...	73·2	71·9	71·1	26·3	93	...	8·0	...	7·2	0	0	31	0	0	0	0	1	13	16	1	0
	1730	,,	1000·6	947·1	...	79·4	73·8	71·3	26·2	77	...	7·7	...	8·3	0	0	31	0	0	0	0	0	7	23	1	0
Indore ...	0530	1861	890·5	938·9	...	71·2	69·9	69·3	24·5	94	...	7·3	...	10·9	0	9	22	0	0	0	0	0	7	23	1	0
	0830	,,	892·1	940·3	−1·7	73·8	71·3	70·0	25·1	88	+ 1	7·5	+0·3	13·4	0	17	14	0	0	0	0	0	3	25	3	0
	1130	,,	892·8	940·9	...	77·8	72·1	69·6	24·6	77	...	7·4	...	13·4	0	13	18	0	0	0	0	0	4	23	4	0
	1730	,,	890·6	938·1	...	79·2	72·1	68·6	24·0	71	...	7·1	...	11·4	0	8	23	0	0	0	0	0	3	24	4	0
	2330	,,	892·0	940·3	...	78·6	70·2	69·0	24·3	89	...	5·7	...	6·8	0	5	20	0	0	0	0	0	6	18	1	0
Bhopal (Bairagarh) ...	0530	1714	889·5	943·1	...	72·2	70·6	69·8	25·0	92	...	7·0	...	8·8	0	3	28	0	0	0	0	0	6	22	3	0
	0830	,,	891·2	944·7	−0·6	74·2	71·7	70·5	25·5	88	+ 1	7·4	+0·8	12·5	0	14	17	0	0	0	0	0	4	21	6	0
	1130	,,	891·8	944·9	...	77·8	73·5	71·5	26·5	81	...	7·5	...	13·2	0	15	16	1	0	0	0	0	2	13	15	0
	1730	,,	889·5	942·3	...	79·1	73·8	71·4	26·3	78	...	7·2	...	11·0	0	6	25	1	0	0	0	0	2	12	16	0
	2330	,,	891·1	944·3	...	74·2	72·1	71·2	26·1	90	...	6·9	..	6·6	0	1	29	0	0	0	0	0	8	18	4	1
Vindhya Pradesh																										
Nowgong ...	0830	750	1000·6	975·0	−1·0	78·9	76·5	75·5	30·1	89	+ 6	7·5	+1·2	3·6	0	0	27	1	0	1	0	1	16	6	2	4
	1730	,,	997·6	972·3	...	83·8	78·6	76·5	31·1	79	...	6·6	...	2·5	0	0	27	0	2	0	1	1	13	5	5	4
Sutna ...	0830	1041	1000·3	965·1	−0·8	78·6	76·3	75·2	29·9	90	+ 6	7·2	+0·8	3·5	0	0	27	1	0	2	1	1	9	12	1	4
	1730	,,	997·7	962·6	...	81·7	78·0	76·2	31·0	83	...	6·9	...	4·5	0	0	28	4	0	1	1	1	8	11	3	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1000·9	950·1	...	76·3	74·4	73·6	28·3	90	+ 7	7·6	+0·6	3·4	0	0	27	0	1	0	1	0	7	7	11	4
	1730	,,	998·1	947·7	...	79·5	76·1	74·9	29·5	86	...	7·7	...	3·0	0	0	25	0	0	1	0	0	6	3	15	6
Madhya Pradesh, East																										
Gondia ...	0830	1026	1002·4	967·5	...	77·7	75·0	73·6	28·4	87	...	5·8	...	2·6	0	0	25	3	0	0	0	2	9	2	9	6
	1730	,,	998·3	964·7	...	80·9	76·5	74·6	29·2	82	...	6·4	...	2·6	0	0	29	6	4	0	0	0	7	8	4	2
Pendra ...	0530	2048	889·9	931·1	...	73·2	72·1	71·6	26·4	95	...	7·6	...	2·3	0	0	24	5	1	0	1	6	2	2	7	7
	0830	,,	891·6	932·7	-0·9	75·2	73·3	72·2	27·2	91	+ 6	7·9	+2·3	3·3	0	0	28	8	2	0	0	5	2	2	9	3
	1130	,,	891·8	932·5	...	79·7	75·2	73·3	27·8	81	...	8·0	...	5·5	0	0	31	10	2	0	1	3	4	3	8	0
	1730	,,	889·3	930·1	...	78·3	74·6	73·2	27·8	84	...	7·9	...	4·4	0	1	26	8	1	0	1	6	1	2	8	4
	2330	,,	891·3	932·5	...	74·7	73·0	72·1	27·1	93	...	7·6	...	3·0	0	0	25	6	2	0	1	2	1	3	10	6
Raigarh ...	0830	723	1000·7	975·9	...	79·7	77·3	75·6	31·0	87	...	7·4	...	2·5	0	0	26	1	1	1	1	2	8	8	4	5
	1730	,,	998·2	973·3	...	82·2	78·4	76·7	31·6	83	...	7·4	...	1·4	0	0	17	1	0	0	0	2	7	3	4	14
Ambikapur ...	0830	1989	891·2	934·4	...	76·4	74·2	73·3	28·0	90	...	5·5	...	4·7	0	0	28	2	6	1	1	1	1	10	6	3
	1730	,,	888·9	931·8	...	78·1	75·1	74·0	28·5	87	...	6·6	...	5·8	0	0	30	5	2	0	3	2	4	10	4	1
Champa ...	0830	805	1000·9	973·6	...	78·6	76·2	75·2	29·8	89	...	7·4	...	4·1	0	0	30	3	0	1	0	1	3	20	2	1
	1730	,,	993·1	971·0	...	82·1	77·5	75·0	30·1	80	...	7·6	...	4·1	0	0	28	3	0	1	0	1	4	14	5	3
Raipur ...	0530	979	1000·2	966·9	...	76·2	74·2	73·2	28·7	91	...	7·1	...	3·3	0	0	27	0	0	0	0	0	13	11	3	4
	0830	,,	1001·6	968·4	-0·9	77·9	74·9	73·3	28·7	86	0	7·4	+1·1	4·3	0	0	29	0	0	0	0	0	10	12	7	2
	1130	,,	1001·5	968·5	...	81·9	76·3	73·8	28·2	77	...	7·4	...	5·5	0	1	29	1	0	0	0	0	6	13	10	1
	1730	,,	998·8	965·7	...	81·3	76·1	73·6	28·4	78	...	7·2	...	5·6	0	0	31	0	0	0	0	0	8	15	8	0
	2330	,,	1001·5	968·1	...	78·0	75·2	73·9	27·6	88	...	7·3	...	2·2	0	0	19	9	0	0	0	0	13	4	2	12
Kanker ...	0830	1318	1002·6	958·1	-0·6	77·8	74·7	73·3	28·8	86	+ 4	7·6	+0·8	2·0	0	0	21	0	0	0	0	0	11	9	1	10
	1730	,,	999·6	955·5	...	80·4	76·6	75·0	28·0	84	...	7·6	...	2·0	0	0	24	1	0	0	0	0	8	13	2	7
Chanda ...	0830	634	1002·3	980·8	-0·7	78·9	74·0	71·7	29·5	79	- 1	7·3	+1·3	5·8	0	0	31	0	0	0	0	1	5	24	1	0
	1730	,,	1000·3	978·9	...	88·2	78·0	70·4	26·4	63	...	7·2	...	6·5	0	0	30	2	0	0	0	1	6	20	1	1
Sironcha ...	0830	405	1004·0	990·2	...	79·0	75·6	74·1	28·1	86	...	6·7	...	4·0	0	0	30	2	0	0	1	1	6	10	10	1
	1730	,,	1000·7	986·9	...	84·8	77·0	73 5	28·7	70	...	6·3	...	3·4	0	0	29	5	1	2	2	1	3	7	8	2
Jagdalpur(P.B.O.)...	0530	1813	890·6	940·6	...	72·2	71·0	70·3	28·2	94	...	6·8	...	2·2	0	0	15	0	0	0	0	1	8	5	1	16
	0830	,,	892·4	942·0	-0·8	75·4	72·8	71·5	25·5	88	+ 3	7·6	+1·5	2·7	0	0	21	0	0	0	0	2	8	7	4	10
	1130	,,	892·5	941·8	...	79·5	74·3	72·1	26·9	78	...	7·5	...	5·1	0	0	29	0	0	0	1	1	6	17	4	2
	1730	,,	890·2	939·6	...	77·6	73·8	71·9	26·9	82	...	7·8	...	4·5	0	0	27	1	0	0	0	1	6	15	4	4
	2330	,,	892·2	942·0	...	73·5	71·8	70·8	26·0	92	...	6·7	...	2·1	0	0	16	0	0	0	0	2	10	3	1	15
Madhya Pradesh, West																										
Buldhana ...	0830	2133	893·6	932·1	...	71·9	69·1	67·7	23·2	86	...	6·5	...	5·0	0	0	31	0	0	0	0	0	2	14	15	0
	1730	,,	892·3	930·3	...	79·3	72·1	68·7	24·0	71	...	6·8	...	6·8	0	0	31	0	0	0	0	1	1	0	29	0
Akola ...	0830	925	1003·7	972·2	-0·8	77·4	72·2	69·4	24·2	77	- 3	7·3	+1·1	11·6	0	6	25	0	0	0	0	0	2	20	9	0
	1130	,,	1003·4	972·2	...	82·6	73·6	68·8	24·3	64	...	7·6	...	9·3	0	5	26	0	0	0	0	0	0	15	16	0
	1730	,,	1000·1	969·1	...	84·8	74·1	68·3	23·8	59	...	7·3	...	10·0	0	7	24	3	1	0	0	0	1	18	8	0
Akola (Aerodrome) ...	0530	1015	1002·2	967·4	...	73·6	71·1	69·9	24·2	88	...	6·6	...	8·3	0	3	26	0	0	0	0	0	4	20	5	2
	2330	,,	1002·9	968·4	...	77·0	72·7	70·5	25·5	81	...	6·5	...	7·0	0	1	26	0	0	0	0	0	6	16	5	4
Amravati ...	0830	1213	1003·2	962·0	-1·0	75·9	71·7	69·6	24·6	81	- 2	6·6	+0·4	6·6	0	0	31	0	0	0	0	0	3	27	1	0
	1730	,,	999·8	959·3	...	83·7	73·5	67·8	23·6	60	...	6·8	...	6·0	0	0	31	0	0	0	0	0	2	9	20	0
Yeotmal ...	0830	1481	1003·5	953·4	...	75·2	71·8	70·0	25·1	84	...	6·9	...	13·9	0	15	16	0	0	0	0	0	9	0	22	0
	1730	,,	1000·0	950·5	...	80·7	73·6	70·0	25·1	71	...	7·1	...	11·2	0	11	19	0	1	0	0	0	9	0	20	1
Khandwa ...	0830	1044	1003·1	967·6	-0·9	77·5	73·5	71·9	26·4	81	- 2	7·2	+1·4	10 0	0	4	27	0	0	0	0	0	8	20	3	0
	1730	,,	999·9	964·9	...	83·5	75·8	72·8	26·9	69	...	7·5	...	7·5	0	1	30	0	0	0	0	1	5	20	5	0
Hoshangabad ...	0830	992	1002·1	968·3	-1·5	75·5	73·7	72·6	27·6	91	+ 3	7·5	+0·5	2·3	0	0	29	0	0	0	0	1	14	10	4	2
	1730	,,	999·0	965·6	...	81·5	76·0	73·6	28·2	77	...	7·4	...	3·2	0	0	31	1	0	0	0	1	2	13	13	1	0
Sagar ...	0830	1808	890·7	940·4	-1·0	73·7	72·3	71·5	26·5	93	+ 7	7·5	+0·9	14·1	0	18	13	1	0	0	0	1	14	15	0	0
	1730	,,	888·7	938·2	...	78·3	74·5	73·4	27·6	83	...	6·8	...	12·1	0	14	17	0	1	0	0	1	12	14	3	0
Jabalpur ...	0530	1289	1000·1	956·4	...	74·7	73·5	72·8	27·7	93	...	7·5	...	2·6	0	0	27	0	0	0	1	1	11	10	4	4
	0830	,,	1001·5	957·9	-0·6	75·9	74·1	73·1	28·0	91	+ 7	7·6	+0·8	4·3	0	0	31	1	0	0	1	0	13	13	3	0
	1130	,,	1001·3	957·9	...	79·4	75·6	72·7	28·5	84	...	7·5	...	4·8	0	0	31	0	1	0	0	3	9	14	4	0
	1730	,,	998·8	955·5	...	79·2	75·0	74·1	27·7	84	...	7·7	...	4·5	0	0	30	1	1	0	0	0	10	11	7	1
	2330	,,	1001·3	957·6	...	76·4	74·8	74·0	28·8	93	...	7·5	...	2·7	0	0	24	0	0	0	0	2	16	5	1	7
Mandla ...	0830	1452	1001·8	952·8	...	75·8	73·9	72·6	27·7	91	...	7·4	...	3·5	0	0	28	1	0	0	0	1	8	7	11	3
	1730	,,	998·9	950·4	...	79·5	75·3	73·5	28·0	82	...	7·4	+0·9	4·8	0	0	29	1	0	0	0	1	6	12	9	3
Seoni ...	0830	2027	888·7	930·8	-1·0	75·0	72·3	70·6	26·0	86	+ 2	7·1	...	3·5	0	0	28	1	0	0	0	0	8	9	10	3
	1730	,,	887·3	928·8	...	78·0	73·9	71·0	27·1	79	...	7·2	...	3·6	0	0	31	0	0	0	0	1	8	7	15	0
Chhindwara ...	0830	2348	893·0	927·3	...	73·7	70·7	69·4	24·4	86	...	6·2	...	5·3	0	0	31	1	0	0	0	0	1	20	9	0
	1730	,,	891·1	925·0	...	78·4	72·6	69·2	25·0	74	...	6·5	...	5·7	0	0	31	2	0	0	0	0	0	14	15	0
Betul ...	0830	2144	893·3	931·5	...	72·4	70·2	69·2	24·4	89	...	7·8	...	7·1	0	0	31	0	0	0	0	0	2	18	11	0
	1730	,,	891·6	929·3	...	76·8	72·1	69·7	25·0	80	...	7·3	...	6·1	0	0	31	0	0	0	0	0	5	18	8	0
Nagpur ...	0530	1010	1001·3	966·8	...	75·5	73·2	71·8	26·9	88	...	6·6	...	3·6	0	1	25	0	0	0	0	0	10	13	3	5
	0830	,,	1002·6	968·3	-0·9	78·4	73·6	71·2	26·2	79	+ 4	6·9	+0·6	8·1	0	3	28	0	0	0	0	0	4	18	9	0
	1130	,,	1002·4	968·4	...	82·7	75·0	71·5	26·1	69	...	7·5	...	10·3	0	4	27	0	0	0	0	0	3	13	15	0
	1730	,,	999·2	965·4	...	83·1	75·2	71·0	28·2	67	...	7·4	...	8·5	0	2	29	0	0	1	0	0	3	14	13	0
	2330	,,	1002·3	967·9	...	77·5	73·9	72·3	27·0	83	...	7·0	...	5·0	0	1	25	0	0	1	0	0	10	11	4	5

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1002·6	987·3	−0·6	77·5	74·8	73·4	28·2	87	...	5·9	...	...	0	0	30	0	0	0	0	13	14	3	0	1
	1730	,,	999·7	984·7	...	85·2	76·7	72·7	27·5	68	...	5·1	...	...	0	0	30	0	1	0	0	11	16	2	0	1
Surat ...	0530	39	1003·0	1001·7	...	78·4	76·3	75·6	30·0	91	...	7·2	...	5·2	0	0	30	0	0	0	0	0	19	11	0	1
	0830	,,	1004·4	1003·1	−0·4	79·8	77·1	75·9	30·6	88	+ 6	7·5	+0·6	3·5	0	0	30	0	0	0	0	0	30	0	0	1
	1130	,,	1004·8	1003·5	...	84·4	78·3	75·9	30·3	76	...	7·1	...	6·9	0	0	31	0	0	0	0	0	26	5	0	0
	1730	,,	1002·1	1000·8	...	83·8	78·0	75·8	30·1	77	...	6·6	...	8·8	0	0	31	0	0	0	0	0	31	0	0	0
	2330	,,	1004·4	1003·0	...	80·0	76·9	75·9	30·2	87	...	6·4	...	6·8	0	0	31	0	0	0	0	0	25	6	0	0
Ahmedabad ...	0530	182	1001·9	995·6	...	76·8	74·5	73·3	28·1	89	...	6·4	...	7·2	0	0	30	1	0	0	0	1	14	14	0	1
	0830	,,	1003·3	997·1	−0·6	78·4	75·5	74·3	28·8	87	+ 5	7·3	+1·1	8·3	0	1	30	0	0	0	0	2	20	8	1	0
	1130	,,	1003 7	997·5	...	82·7	76·8	74·3	28·8	76	...	7·2	...	9·2	0	3	28	1	0	0	0	1	15	12	2	0
	1730	,,	1000·5	994·4	...	85·8	77·3	73·3	28·1	68	...	6·4	...	7·2	0	0	29	0	0	0	0	4	9	14	2	2
	2330	,,	1002·8	996·6	...	79·8	76·3	74·6	29·4	85	...	6·0	...	7·6	0	1	30	0	0	0	0	7	13	10	1	0
Dohad ...	0830	1093	1003·5	966·2	...	75·4	72·9	71·5	26·5	88	− 1	7·1	−0·2	14·8	0	24	7	0	0	0	0	0	15	16	0	0
	1730	,,	1000·7	964·0	...	81·3	74·4	71·0	25·9	72	...	6·3	...	9·5	0	1	30	0	0	0	0	0	16	14	1	0
Baroda ...	0530	115	1002·5	998·5	...	77·2	75·3	74·3	29·1	92	...	5·9	...	1·6	0	0	21	0	0	0	0	3	16	2	0	10
	0830	,,	1003·9	999·9	...	78·7	76·2	75·2	29·7	89	+ 7	6·5	−0·1	2·1	0	0	24	0	0	0	0	3	20	1	0	7
	1130	,,	1004·2	1000·2	...	83·1	76·9	73·6	28·6	73	...	7·1	...	3·2	0	0	30	0	0	0	0	3	21	5	1	1
	1730	,,	1001·1	997·2	...	86·0	77·8	73·8	28·8	69	...	6·5	...	2·7	0	0	26	0	0	0	0	4	19	3	0	5
	2330	,,	1003·5	999·5	...	79·5	76·7	75·5	30·1	88	...	6·0	...	3·4	0	0	28	0	0	0	0	7	20	1	0	3
Baroda (Aerodrome) ...	0530	124	1002·7	998·5	...	77·2	75·3	74·5	29·1	91	...	7·6	...	4·6	0	0	31	0	0	0	0	0	25	6	0	0
	0830	,,	1004·2	999·9	...	79·5	76·6	75·4	29·9	88	...	7·7	...	5·4	0	0	30	0	0	0	0	0	21	9	0	1
	1730	,,	1001·3	997·0	...	84·9	77·3	73·9	28·6	70	...	7·2	...	6·6	0	0	30	0	0	0	0	1	23	6	0	1
	2330	,,	1003·4	999·1	...	79·8	76·9	75·6	30·3	87	...	6·9	...	8·0	0	3	27	0	0	0	0	1	23	6	0	1
Broach ...	0830	57	1003·6	1001·6	...	79·0	75·9	74·5	29·2	87	...	6·0	...	3·6	0	0	31	0	0	0	0	0	29	2	0	0
	1730	,,	1001·1	999·1	...	85·4	77·0	73·1	27·9	67	...	5·9	...	5·9	0	0	31	0	0	0	0	0	29	2	0	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1002·4	990·6	−0·3	79·1	75·1	73·2	27·9	82	+ 3	5·7	−0·3	6·0	0	0	31	0	0	0	0	0	21	10	0	0
	1730	,,	1000·7	989·1	...	84·0	75·4	71·1	26·2	66	...	6·2	...	11·7	0	11	20	0	0	0	0	0	20	11	0	0
Bhuj (P.B.O.) ...	0530	347	1001·0	989·1	...	78·3	74·8	73·3	27·9	85	...	6·2	...	5·5	0	0	28	0	0	0	0	1	24	3	0	3
	0830	,,	1001·9	990·1	...	79·9	75·2	73·5	27·7	80	...	5·8	...	6·5	0	0	30	0	0	0	0	0	24	6	0	1
	1130	,,	1002·2	990·5	...	84·6	75·8	71·7	26·5	67	...	6·2	...	7·9	0	1	29	0	0	0	0	0	23	6	1	1
	1730	,,	1000·2	988·5	...	84·7	75·6	71·8	26·2	66	...	6·5	...	8·8	0	1	30	0	0	0	0	0	26	5	0	0
	2330	,,	1002·3	990·4	...	79·4	75·2	73·4	27·9	82	...	4·1	...	7·6	0	0	31	0	0	0	0	0	28	3	0	0
Dwarka ...	0830	37	1003·2	1001·9	−0 4	79·3	76·4	75·1	29·7	88	+ 2	7·0	+0·2	12·9	0	15	16	0	0	0	0	0	15	16	0	0
	1730	,,	1001·8	1000·5	...	80·9	77·1	75·2	30·1	83	...	6·7	...	12·6	0	14	17	0	0	0	0	0	18	13	0	0
Jamnagar ...	0530	74	1001·3	998·7	...	77·2	75·2	74·3	28·9	91	...	5·5	...	9·9	0	10	21	0	0	0	0	1	20	8	2	0
	0830	,,	1002·3	999·7	−1·1	79·4	76·1	74·6	29·3	86	+ 4	6·2	+1·3	9·6	0	4	27	0	0	0	0	0	26	4	1	0
	1130	,,	1002·6	1000·1	...	84·6	76·9	73·5	28·1	70	...	6·7	...	12·0	0	11	20	0	0	0	0	0	12	17	2	0
	1730	,,	1000·5	998·0	...	84·6	77·1	73·8	28·4	71	...	5·8	...	16·8	0	26	5	0	0	0	0	1	5	21	4	0
Rajkot ...	0830	432	1002·9	988·1	−0·7	77·7	75·3	74·0	28·8	88	+ 5	6·2	−0·3	14·1	0	18	13	0	0	0	0	0	16	15	0	0
	1730	,,	1000·4	985·8	...	86·3	75·9	70·8	25·8	61	...	7·0	...	19·0	0	28	3	1	0	0	0	1	13	13	3	0
Rajkot (Aerodrome) ...	0530	439	1002 1	987·0	...	75·1	73·8	73·2	27·9	94	...	4·9	...	13·8	0	15	16	0	0	0	0	4	23	4	0	0
	0830	,,	1003·5	988·5	...	77·9	75·1	74·0	28·5	87	...	6·9	...	16·3	0	24	7	0	0	0	0	1	23	7	0	0
	1130	,,	1003·6	988·7	...	84·2	76·2	72·5	27·2	69	...	7·0	...	18·9	0	29	2	0	0	0	0	0	15	14	2	0
Veraval ..	0530	26	1002·7	1001·8	...	78·3	75·9	74·9	29·4	89	...	5·7	...	18·0	0	27	4	0	0	0	0	0	4	23	4	0
	0830	,,	1004·1	1003·2	−0·8	78·9	76·3	75·1	29·8	88	+ 2	7·2	+0·5	14·5	0	19	12	0	0	0	0	0	5	22	4	0
	1130	,,	1004·9	1004·0	...	81·3	77·1	75·7	29·9	83	...	7·3	...	10·9	0	6	25	0	0	0	0	0	8	20	3	0
	1730	,,	1002·7	1001·8	...	81·1	77·3	75·5	30·3	84	...	6·3	...	13·3	0	18	13	0	0	0	0	0	6	21	4	0
	2330	,,	1004·4	1003·5	...	78·8	76·5	75·5	30·1	90	...	5·3	...	15·2	0	21	10	0	0	0	0	0	8	21	2	0
Bhavnagar ...	0830	55	1004·5	1002·6	+0·2	78·4	75·0	73·5	28·1	84	+ 7	6·5	+0·2	4·7	0	0	31	0	0	0	0	4	15	11	1	0
	1730	,,	1001·5	999·6	...	86·8	78·7	75·2	29·8	69	...	6·7	...	5·9	0	0	31	0	0	0	1	9	12	9	0	0
Bhavnagar (Aerodrome) ...	0830	35	1004·0	1002·8	...	80·1	75·5	73·3	28·1	80	...	6·6	...	11·8	0	12	19	0	0	0	0	0	13	18	0	0
	1130	,,	1004·2	1003·0	...	85·6	75·8	71·1	26·0	62	...	7·2	...	15·2	0	22	9	0	0	0	0	0	7	24	0	0
Konkan																										
Dahanu ...	0830	15	1005·1	1004·6	...	80·0	77·7	76·5	31·4	90	...	7·5	...	18·8	0	27	4	0	0	0	0	0	12	18	1	0
	1730	,,	1003·5	1003·0	...	81·8	78·7	77·3	32·1	86	...	6·9	...	16·3	0	24	7	0	0	0	0	0	12	19	0	0
Bombay (Colaba) ...	0830	35	1006·1	1004·9	−0·4	80·1	76·5	74·9	29·5	84	+ 1	6·9	−0·1	11·3	0	8	23	0	0	0	0	0	4	25	2	0
	1130	,,	1006·5	1005·3	...	82·6	78·0	75·9	30·7	80	...	6·7	...	10·8	0	6	25	0	0	0	0	0	7	21	3	0
	1730	,,	1004·5	1003·3	...	81·2	77·0	75·1	29·8	82	...	6·8	...	11·0	0	8	23	0	0	0	0	0	7	23	1	0
Bombay (Santa-cruz Aerodrome) ...	0530	27	1004·3	1003·4	...	79·1	75·7	74·3	28·8	85	...	6·5	...	11·0	0	12	19	0	0	0	0	0	7	20	4	0
	0830	,,	1005·8	1004·9	−0·7	80·4	76·4	74·6	29·2	83	+ 1	7 3	+0·3	11·0	0	7	23	0	0	0	0	0	6	18	6	1
	1130	,,	1006 5	1005·6	...	82·6	77·4	75·0	29·8	79	...	6·9	...	13·0	0	15	16	0	0	0	0	0	7	14	10	0
	1730	,,	1004·3	1003·4	...	81·4	76·7	74·5	29·2	80	...	7·2	...	12·1	0	13	18	0	0	0	0	0	5	18	8	0
	2330	,,	1006·2	1005·3	...	79·5	76·1	74·7	29·2	85	...	6·0	...	9·1	0	6	23	0	0	0	0	0	11	16	2	2
Alibag ...	0830	23	1006·3	1005·5	0	80·2	77·4	76·2	30·8	88	+ 4	7·1	−0·2	14·5	0	19	8	0	0	0	0	0	9	13	6	3

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1006·7	1004·4	...	79·5	76·8	75·5	30·2	88	...	7·4	...	15·3	0	23	7	1	0	0	1	0	5	19	4	1
	1730	..	1005·1	1002·8	...	80·1	76·9	75·4	30·2	86	...	7·2	...	12·9	0	15	15	0	0	0	0	0	5	18	7	1
Ratnagiri ...	0830	116	1007·0	1003·0	-0·7	78·9	76·1	74·9	29·5	88	...	6·6	...	...	0	12	19	0	0	3	0	0	3	15	10	0
	1730	..	1005·4	1001·4	...	80·3	76·7	75·1	29·7	84	...	6·4	...	...	0	16	15	0	0	0	0	0	2	25	4	0
Devgad ...	0830	117	1007·5	1003·4	...	78·7	76·9	76·1	30·9	92	...	7·5	...	16·8	0	22	9	0	0	0	0	1	3	13	14	0
	1730	..	1005·9	1001·9	...	80·9	77·7	76·7	31·4	90	...	7·7	...	17·2	0	21	10	2	0	0	0	0	1	13	15	0
Vengurla ..	0530	29	1006·6	1005·6	...	77·1	75·2	74·3	29·0	93	...	6·3	...	...	0	0	15	0	0	0	0	0	0	12	3	16
	0830	..	1008·2	1007·2	...	78·5	76·1	75·0	29·6	89	...	7·1	...	...	0	0	13	0	0	0	0	0	0	11	2	18
	1130	..	1008·3	1007·8	...	81·2	77·1	75·1	29·9	83	...	7·1	...	...	0	0	21	0	0	0	0	0	3	17	1	10
	1730	..	1006·6	1005·6	...	80·3	76·4	74·6	29·3	84	...	7·3	...	...	0	0	21	0	0	0	0	0	0	18	3	10
	2330	..	1008·5	1007·5	...	77·5	75·5	74·6	29·2	91	...	5·1	...	...	0	1	6	0	0	0	0	0	1	6	0	24
Marmagao ...	0830	202	1008·3	1001·3	-0·2	78·3	75·7	74·5	29·2	88	+1	5·9	-0·6	7·0	0	0	31	0	1	0	1	3	4	18	4	0
	1730	..	1003·4	999·4	...	79·1	76·0	74·7	29·3	86	...	6·1	...	7·3	0	0	31	0	0	0	0	0	7	17	7	0
Honavar ...	0830	85	1008·9	1005·0	...	77·5	76·3	75·3	30·4	95	...	6·6	...	2·9	0	0	27	0	3	8	6	0	1	10	5	4
	1730	..	1007·0	1004·1	...	79·9	77·2	76·0	30·7	88	...	6·7	...	3·5	0	0	29	0	0	0	0	0	4	18	7	2
Deccan (Desh)																										
Jalgaon ...	0830	660	1003·8	981·5	...	76·8	73·4	71·5	26·5	84	...	6·4	...	8·5	0	3	28	0	0	0	0	0	6	17	8	0
	1730	..	1000·9	978·7	...	85·7	74·6	68·8	24·2	59	...	6·3	...	14·3	0	21	10	3	0	0	0	1	3	13	11	0
Malegaon ...	0830	1432	1004·4	955·7	-0·3	78·2	72·0	68·1	24·0	73	-3	6·0	+0·2	4·2	0	0	31	0	0	0	0	0	16	9	6	0
	1730	..	1001·7	953·8	...	81·4	72·2	66·4	22·9	60	...	5·7	...	4·2	0	0	31	0	0	0	0	0	9	14	8	0
Deolali ...	0830	1875	834·3	942·1	...	72·8	70·8	69·8	23·9	90	...	7·0	...	9·6	0	6	24	0	0	0	0	0	14	15	1	1
Ahmednagar ...	0830	2154	895·1	932·8	-0·8	74·8	69·6	67·4	22·9	80	+2	6·7	+1·3	5·3	0	1	29	0	0	0	0	0	13	13	4	1
	1730	..	893·6	930·8	...	80·3	70·7	65·5	21·8	63	...	7·3	...	7·8	0	1	30	0	0	0	0	0	15	13	3	0
Poona ...	0530	1835	892·9	942·3	...	70·9	69·4	68·5	23·9	93	...	5·9	...	1·2	0	0	14	0	0	0	0	0	1	13	0	17
	0830	..	894·4	943·7	-0·7	72·6	70·5	69·5	24·6	90	+9	7·1	+0·7	1·5	0	0	18	0	0	0	0	0	2	14	3	13
	1130	..	895·2	944·1	...	77·1	71·9	69·5	24·6	78	...	7·3	...	4·2	0	0	29	0	0	0	0	0	3	24	2	2
	1730	..	893·1	942·0	...	76·4	71·3	68·8	24·2	78	...	6·3	...	3·7	0	0	31	0	0	0	0	0	2	23	6	0
	2330	..	894·6	944·0	...	71·9	69·5	68·4	23·6	89	...	5·8	...	2·0	0	0	22	0	0	0	0	0	4	18	0	9
Poona (Lohagaon Aero Irome) ...	0530	1947	892·9	938·3	...	70·1	68·6	68·2	23·3	93	...	5·6	...	7·3	0	3	26	0	0	0	0	0	1	28	0	2
	0830	..	894·5	939·8	...	72·2	69·9	68·8	24·0	89	...	6·8	...	9·2	0	2	29	0	0	0	0	0	0	31	0	0
	1130	..	895·3	940·2	...	76·1	71·3	68·9	24·2	79	...	7·0	...	11·5	0	8	23	0	0	0	0	0	0	31	0	0
	1730	..	893·2	938·1	...	75·3	70·7	68·5	23·8	80	...	6·4	...	13·8	0	20	11	0	0	0	0	0	0	29	2	0
	2330	..	894·7	940·1	...	70·6	69·1	68·4	23·7	92	...	5·2	...	6·2	0	1	30	0	0	0	0	0	0	31	0	0
Jeur ...	0830	1709	894·2	947·8	...	74·9	70·6	68·5	23·8	80	...	5·2	...	6·3	0	0	31	0	0	0	0	0	3	18	10	0
	1730	..	892·5	945·1	...	84·1	72·6	66·8	22·7	57	...	5·7	...	16·0	0	24	7	0	0	0	0	0	0	16	15	0
Sholapur ...	0530	1570	1004·8	951·5	...	73·1	68·7	66·4	22·2	80	...	5·4	...	0·5	0	0	4	0	0	0	0	0	3	1	0	27
	0830	..	1005·9	952·9	-0·4	76·4	70·6	67·5	23·2	75	0	5·5	+0·1	2·0	0	0	27	0	1	0	0	0	26	0	0	4
	1130	..	1004·9	952·6	...	83·5	72·1	66·4	22·3	56	...	6·7	...	4·5	0	0	28	0	0	0	0	0	7	14	7	3
	1730	..	1001·4	949·2	...	86·3	72·4	64·5	21·5	50	...	6·3	...	3·7	0	0	30	0	0	0	0	0	21	1	8	1
	2330	..	1005·8	952·8	...	76·7	69·9	66·2	22·1	70	...	4·6	...	1·7	0	0	13	0	0	0	0	0	4	5	4	18
Miraj ...	0830	1817	895·5	945·8	-0·2	72·8	70·1	68·9	24·0	87	+2	6·9	-0·2	8·5	0	4	26	0	0	0	0	0	7	19	4	1
	1730	..	894·4	943·9	...	77·4	71·3	68·3	23·7	74	...	6·7	...	10·3	0	6	25	0	0	0	0	0	4	20	7	0
Kolhapur ...	0530	1870	893·8	941·9	...	70·7	69·3	68·6	23·9	93	...	6·4	...	9·0	0	5	26	0	0	0	0	0	0	31	0	0
	0830	..	895·4	943·6	...	72·3	70·2	68·9	24·4	90	...	7·0	...	11·1	0	10	21	0	0	0	0	0	1	30	0	0
	1130	..	896·0	943·7	...	76·0	71·7	69·7	24·8	81	...	7·0	...	14·6	0	21	10	0	0	0	0	0	1	30	0	0
	1730	..	894·0	941·8	...	74·7	70·9	68·7	24·3	83	...	6·8	...	13·3	0	14	17	0	0	0	0	0	1	29	1	0
Bijapur ...	0830	1950	895·7	940·7	-0·5	74·3	70·2	68·1	23·6	81	+4	6·4	+0·8	6·8	0	0	31	0	0	0	0	0	8	17	6	0
	1730	..	893·5	937·7	...	82·5	72·2	67·0	22·7	61	...	5·8	...	8·8	0	0	31	0	0	0	0	0	4	23	4	0
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	897·3	936·0	+0·1	73·1	69·8	68·2	23·5	83	-1	7·3	+1·4	11·2	0	7	24	0	0	0	0	0	2	27	2	0
	1730	..	895·2	933·4	...	79·0	70·6	66·2	22·1	67	...	6·8	...	14·0	0	18	13	0	0	0	0	0	2	27	2	0
Gadag (P.B.O.) ...	0530	2150	895·5	933·7	...	70·0	68·6	68·2	23·3	94	...	5·0	...	...	0	3	28	0	0	0	0	0	6	25	0	0
	0830	..	897·1	935·1	...	73·1	70·1	68·8	23·9	87	...	7·1	...	...	0	5	26	0	0	0	0	0	5	26	0	0
	1130	..	897·5	935·0	...	78·9	71·6	68·5	23·5	71	...	7·2	...	...	0	5	25	0	0	0	0	0	2	27	1	1
	1730	..	895·2	932·7	...	78·8	71·6	68·7	23·5	72	...	6·6	...	...	0	6	25	0	0	0	0	0	2	29	0	0
	2330	..	897·2	935·3	...	71·3	69·3	68·5	23·6	91	...	4·3	...	...	0	2	29	0	0	0	0	0	3	28	0	0
Hyderabad, North																										
Aurangabad ...	0830	1905	894·2	941·0	-0·8	71·8	69·6	68·5	23·8	89	+6	6·8	-0·2	7·3	0	3	28	0	0	0	0	0	6	24	1	0
	1730	..	892·5	938·4	...	79·8	71·8	67·9	23·3	67	...	7·5	...	17·9	0	24	7	0	0	0	0	0	1	26	4	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	892·4	939·6	...	69·4	67·9	67·0	22·7	93	...	6·0	...	7·3	0	2	26	0	0	0	0	0	0	23	5	3
	0830	..	894·1	940·9	...	73·5	70·0	68·3	23·7	84	...	6·8	...	10·3	0	7	23	0	0	0	0	0	3	20	7	1
	1130	..	894·6	941·0	...	78·8	71·9	68·4	23·9	71	...	7·1	...	14·2	0	20	11	0	0	0	0	0	1	20	10	0
	1730	..	892·2	938·4	...	79·4	71·2	67·1	22·7	67	...	7·3	...	15·8	0	25	6	1	0	0	0	0	0	17	13	0
	2330	..	894·0	941·0	...	72·2	68·9	67·3	22·8	85	...	5·4	...	10·5	0	7	24	0	0	0	0	0	0	25	6	0
Parbhani ...	0830	1393	1005·0	957·8	...	75·7	71·5	69·2	24·4	81	...	5·1	...	...	0	1	29	0	0	0	0	0	2	28	0	1
	1730	..	1000·8	954·5	...	83·3	73·7	68·6	24·1	63	...	6·4	...	...	0	2	26	0	0	0	0	0	0	28	0	1
Ramagundam ...	0830	513	1003·9	986·0	...	78·9	74·2	72·0	26·8	79	...	6·8	...	3·0	0	0	26	4	1	0	1	1	4	7	8	5
	1730	..	1000·5	983·2	...	85·2	75·4	70·4	25·5	63	...	6·4	...	2·5	0	0	21	7	1	1	0	0	3	6	3	10

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1000·4	961·8	−1·0	78·3	73·3	70·8	25·8	78	+ 9	4·6	−0·5	1·3	0	0	20	0	0	0	1	0	13	4	2	11
	1730	,,	1000·1	958·3	...	82·5	78·5	76·3	31·5	82	...	4·9	...	0·3	0	0	5	0	0	0	0	0	3	1	1	26
Bidar ...	0830	2178	894·9	931·8	...	72·2	69·0	67·3	23·0	84	+ 1	7·0	+1·6	13·9	0	15	16	0	0	0	0	0	6	23	2	0
	1730	,,	892·4	928·5	...	82·2	71·5	66·0	22·0	59	...	6·9	...	13·0	0	15	16	0	0	1	0	0	2	18	10	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1006·0	955·0	−0·6	75·4	70·6	64·9	23·6	79	+ 1	7·3	+1·8	11·5	0	6	25	0	0	0	0	0	14	16	1	0
	1730	,,	1000·6	950·9	...	86·5	72·4	65·3	21·5	51	...	7·4	...	14·1	0	16	15	1	1	0	0	0	3	14	12	0
Raichur ...	0830	1311	1006·6	962·1	−0·4	76·7	71·2	68·1	23·6	75	− 1	6·4	+2·1	12·3	0	12	19	0	0	0	0	0	12	16	3	0
	1730	,,	1001·9	958·4	...	86·2	73·0	65·7	21·7	53	...	6·4	...	12·1	0	13	17	1	0	0	0	0	4	14	11	1
Hyderabad (Nizamiah) ...	0830	1778	894·2	945·3	−0·3	75·7	71·1	68·8	24·2	79	− 1	6·9	+0·8	14 5	0	17	14	1	0	0	0	0	1	20	9	0
	1730	,,	892·0	943·3	...	81·5	73·1	69·2	24·3	68	...	7·1	...	11·7	0	10	21	3	0	0	0	0	0	20	8	0
Hyderabad (Begumpet) ...	0530	1787	892·9	943·6	...	72·3	69·7	68·4	23·8	87	...	6·1	...	12·6	0	9	22	1	0	0	0	0	1	24	5	0
	0830	,,	894·4	945·2	...	75·2	71·0	68·9	24·3	81	...	6·6	...	16·7	0	25	6	1	0	0	0	0	1	25	4	0
	1130	,,	894·8	945·1	...	80·1	72·6	69·0	24·3	69	...	7·2	...	17·3	0	28	3	0	0	0	0	0	0	22	9	0
	1730	,,	891·9	941·9	...	80·9	73·0	69·2	24·5	70	...	7·2	...	13·9	0	17	14	7	2	0	0	0	0	17	5	0
	2330	,,	893·9	944·6	...	75·3	71·8	70·0	25·2	84	...	6·5	...	9·8	0	7	23	0	0	0	1	0	5	19	5	1
Hanamkonda ...	0830	881	1004·3	974·4	−0·8	79·2	73·5	70·7	25·6	76	+ 1	5·8	0	9·9	0	6	25	0	0	0	0	0	1	20	10	0
	1730	,,	1000·8	971·3	...	85·4	75·3	70·3	25·4	61	...	5·6	...	5·8	0	0	31	8	0	0	0	0	0	12	11	0
Khammameth ...	0830	367	1004·6	992·0	...	81·1	75·6	72·9	27·8	77	...	6·2	...	4·6	0	0	30	3	0	0	0	1	0	24	2	1
	1730	,,	1000·8	988·5	...	87·7	76·7	71·0	26·4	59	...	6·9	...	5·3	0	1	30	10	0	0	0	0	0	17	4	0
Coastal Andhradesa																										
Nellore ...	0530	65	1004·3	1002·1	...	80·6	74·3	71·1	25·1	74	...	5·8	...	4·1	0	0	29	0	0	0	0	1	8	17	3	2
	0830	,,	1005·9	1003·7	−0·4	84·9	75·4	70·8	25·7	64	− 1	5·6	−0·4	4·6	0	0	30	0	0	0	0	0	4	20	6	1
	1130	,,	1005·1	1002·9	...	91·1	76·6	69·5	24·7	50	...	5·5	...	5·0	0	0	31	0	0	0	0	0	1	22	8	0
	1730	,,	1001·9	999·7	...	92·3	77·7	70·8	25·8	51	...	6·5	...	4·7	0	0	29	0	0	0	0	0	4	16	9	2
	2330	,,	1005·1	1002·8	...	82·9	76·5	73·5	28·4	74	...	5·3	...	2·9	0	2	29	0	0	0	0	0	7	21	3	11
Ongole ...	0830	38	1005·0	1003·7	...	85·9	79·5	76·6	31·5	75	...	5·2	...	8·6	0	0	30	0	0	0	0	0	4	21	5	1
	1730	,,	1001·1	999·8	...	93·2	84·3	80·6	36·1	69	...	6·3	...	6·9	0	5	25	0	0	1	0	1	12	14	2	1
Gannavaram ...	0530	88	1002·9	999·9	...	78·7	75·9	74·5	29·3	87	...	5·7	...	7·4	0	16	15	1	0	0	0	0	9	19	2	0
	0830	,,	1004·7	1001·7	...	82·2	76·1	73·0	28·0	75	...	6·1	...	11·7	0	22	9	0	0	0	0	0	4	22	5	0
	1130	,,	1004·1	1001·1	...	87·5	77·0	71·9	26·9	61	...	5·9	...	15·3	0	3	28	1	1	0	0	0	5	14	10	0
	1730	,,	1001·0	998·0	...	87·3	76·7	71·8	26·6	62	...	6·8	...	9·5	0	0	25	1	0	0	0	5	7	9	3	6
	2330	,,	1003·8	1000·8	...	81·0	76·9	75·0	29·7	82	...	5·7	...	5·2	0	0	25	1	0	0	0	0	1	14	7	2
Masulipatam ...	0530	10	1002·9	1002·6	...	79·2	76·9	75·6	30·5	90	...	6·6	...	4 5	0	0	25	1	0	0	0	0	1	14	7	6
	0830	,,	1004·6	1004·3	−0·8	81·7	77·0	74·7	29·6	79	0	6·3	+0·5	6·7	0	1	30	0	0	0	0	0	13	13	5	6
	1130	,,	1004·2	1003·9	...	86·3	77·4	73·3	28·0	66	...	5·8	...	10·7	0	10	21	0	0	0	0	0	2	20	9	0
	1730	,,	1000·9	1000·6	...	87·8	78·5	74·7	29·1	66	...	6·7	...	4·5	0	0	30	3	0	0	0	3	6	8	10	1
	2330	,,	1003·9	1003·6	...	82·0	78·1	76·3	31·1	84	...	5·8	...	3·3	0	2	11	1	1	0	0	0	4	6	1	18
Kakinada ...	0830	26	1003·6	1002·7	−1·0	83·7	78·2	75·7	30·4	77	− 3	5·6	−0·3	6·6	0	1	30	0	0	0	0	0	31	0	0	0
	1730	,,	1000·4	999·5	...	87·0	79·5	76·5	31·0	72	...	5·3	...	6·2	0	0	31	0	0	0	0	0	29	0	2	0
Visakhapatnam ...	0530	11	1000·9	1000·5	...	80·0	77·8	76·8	31·6	90	...	6·2	...	2·9	0	0	14	0	0	0	0	0	6	7	1	17
	0830	,,	1002·4	1002·0	−1·2	84·1	79·6	77·5	32·5	81	− 3	6·8	+0·3	7·9	0	3	22	0	0	0	0	0	16	8	1	6
	1130	,,	1001·8	1001·4	...	89·1	82·0	78·8	34·0	73	...	7·0	...	9·4	0	5	22	0	0	0	0	1	12	9	5	4
	1730	,,	999·4	999·0	...	87·0	82·0	80·1	35·1	81	...	7·5	...	9·2	0	3	27	2	0	0	0	2	14	8	4	1
	2330	,,	1002·0	1001·6	...	82·2	79·1	77·7	32·5	87	...	5·9	...	2·7	0	0	14	0	0	0	0	0	5	9	0	17
Calingapatam ...	0830	19	1001·8	1001·1	−1·3	81·1	77·6	76·2	30·7	85	+ 4	6·8	+1·6	4·5	0	0	31	0	0	0	0	0	0	15	16	0
	1730	,,	999·2	998·5	...	85·4	80·2	78·1	32·9	79	...	7·3	...	7·2	0	0	31	0	0	0	0	15	15	1	0	0
Rentachintala ...	0830	348	1004·7	992·8	...	82·3	75·1	71·8	27·5	72	+ 5	7·2	+0·5	3·8	0	0	30	1	0	0	0	0	0	29	0	1
	1730	,,	1000·9	989·2	...	90·5	76·8	69·8	25·3	53	...	7·2	...	4·9	0	0	31	4	0	1	0	0	0	33	3	0
Rayalaseema																										
Arogyavaram ...	0830	2299	897·6	930·2	...	75·5	68·5	64·4	21·0	68	...	6·8	...	8·6	0	1	30	0	0	0	0	0	0	24	7	0
	1730	,,	895·2	927·0	...	83·8	70·1	62·8	19·5	51	...	7·0	...	6·7	0	0	31	0	0	0	0	0	2	13	16	0
Cuddapah ...	0830	428	1007·1	992·5	−0·3	84·3	72·5	66·1	22 0	53	−15	6·4	+0·5	2·5	0	0	29	0	0	0	0	0	0	29	0	2
	1730	,,	1002·1	987·6	...	89·3	76·2	69·5	24·9	53	...	6·6	...	2·4	0	0	27	1	0	0	0	0	0	26	0	4
Bellary ...	0830	1473	1006·5	956 9	−0·6	78·3	72·6	69·8	24·8	75	+ 8	6·0	+0·4	5·0	0	0	31	0	0	0	0	0	2	14	15	0
	1730	,,	1002·1	953·2	...	85·8	75·1	69·7	24·9	60	...	6·5	...	3·3	0	0	31	0	0	0	0	0	10	6	15	0
Kurnool ...	0830	923	1006·6	975·1	−0·5	77·5	72·6	69·5	25·1	77	+ 3	6·5	+0·6	12·3	0	14	17	0	0	0	0	0	2	27	2	0
	1730	,,	1001·7	970·9	...	86·6	74·2	67·2	23·2	56	...	6·8	...	11·7	0	12	19	0	0	0	0	0	2	28	1	0
Anantapur ...	0530	1147	1005·4	966·3	...	75·3	71·0	68·5	23·9	80	...	5·6	...	6·6	0	0	30	0	0	0	0	0	6	21	3	1
	0830	,,	1006·6	967·6	...	78·5	72·2	68·2	24·1	73	...	6·2	...	10·7	0	4	27	0	0	0	0	0	5	24	2	0
	1130	,,	1005·8	967·3	...	86·5	73·7	67·1	23·1	54	...	7·1	...	11 9	0	11	20	0	0	0	0	0	2	24	5	0
	1730	,,	1001·9	963·8	...	88·2	74·0	66·1	22·2	50	...	6·8	...	13·4	0	15	16	0	0	0	0	0	3	22	6	0
	2330	,,	1006·4	967·4	...	78·7	72·4	69·2	24·3	73	...	4·5	...	11·2	0	9	22	0	0	0	0	0	3	24	4	0
Tamilnad																										
Palayamcottai ...	0830	167	1008·3	1002·6	...	85·8	73·3	66·6	22·3	53	...	4·9	...	9·3	0	5	26	0	0	0	0	0	0	23	8	0
	1730	,,	1004·9	999·3	...	88·2	73·8	65·9	21·9	48	...	6·0	...	11·7	0	10	21	0	0	0	1	0	0	25	5	0
Pamban ...	0830	37	1008·3	1007·1	−0·1	83·5	77·4	74·5	29·0	75	− 1	2·9	0	4·3	0	0	31	1	0	0	0	16	9	4	1	0
	1730	,,	1004·8	1003·7	...	83·2	77·3	74·7	29·3	76	...	4·1	...	7·9	0	0	31	0	0	0	4	19	7	1	0	0
Mathurai ...	0830	437	1007·8	993·0	−0·4	84·4	73·3	67·3	23·0	57	−	5·8	+0·6	3·2	0	0	27	0	1	0	0	0	0	11	15	4
	1730	,,	1003·7	989·1	...	89·1	75·1	67·6	23·4	52	...	7·2	...	4·4	0	1	23	1	0	1	1	2	0	12	7	7

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed, (m.p.h.): mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	Wind speed, (m.p.h.): 13 to 38	Wind speed, (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1007·7	1006·6	-0·6	83·6	75·1	71·2	25·9	66	− 4	5·6	+1·0	5·2	0	0	27	0	0	0	0	0	6	20	1	4
	1730	,,	1003·8	1002·7	...	89·2	78·2	73·1	27·9	61	...	6·1	...	6·4	0	0	30	0	0	1	7	7	11	4	0	1
Tiruchirapalli ...	0530	289	1006·3	996·3	...	79·9	72·5	68·7	28·9	69	..	6·7	...	16·5	0	16	14	0	0	0	0	0	0	26	4	1
	0830	,,	1007·6	997·6	-0·9	83·6	73·6	68·4	23·8	61	− 3	6·3	+1·7	20·5	0	23	8	0	0	0	0	0	0	24	7	0
	1130	,,	1006·7	996·9	...	91·3	75·4	67·0	22·8	46	...	5·8	...	23·8	1	5	25	0	0	0	0	0	0	20	11	0
	1730	,,	1003·2	993·5	...	92·7	75·9	67·2	22·9	44	...	6·7	...	18·3	0	20	11	0	0	0	0	0	1	17	13	0
	2330	,,	1007·3	997·3	...	82·6	73·5	68·7	24·1	64	...	6·1	...	19·5	0	22	6	0	0	0	0	0	1	25	2	3
Coimbatore ...	0330	1341	1008·9	963·4	+0·1	77·0	71·3	67·9	23·6	74	− 7	5·3	+1·0	10·4	0	5	26	0	0	0	0	0	15	16	0	0
	1730	,,	1005·5	960·5	...	81·6	71·7	66·0	22·0	60	...	7·0	...	11·5	0	9	22	0	0	0	0	0	15	15	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1007·1	962·4	...	72·2	70·3	69·3	24·4	91	...	4·6	...	13·3	0	13	18	0	0	0	0	8	21	2	0	0
	0830	,,	1008·3	963·9	...	76·7	71·9	69·7	24·5	78	...	5·4	...	14·1	0	15	16	0	0	0	0	12	18	1	0	0
	1130	,,	1006·9	963·2	...	84·1	73·2	67·3	22·9	58	...	5·1	...	22·9	1	26	4	0	0	0	0	10	18	2	1	0
	1730	,,	1004·1	960·3	...	81·1	72·9	68·5	23·9	67	...	5·7	...	23·3	1	27	3	0	0	0	0	10	20	1	0	0
	2330	,,	1008·3	963·7	...	73·7	71·2	69·9	25·1	88	...	3·9	...	17·6	0	21	10	0	0	0	0	9	21	1	0	0
Salem ...	0530	913	1006·8	975·5	...	75·0	71·8	70·1	25·2	85	...	5·8	...	2·3	0	0	23	0	0	0	0	4	10	8	1	8
	0830	,,	1008·1	977·0	-0·4	77·7	73·1	70·9	25·8	79	+ 1	5·8	+0·6	4·4	0	0	30	0	0	0	0	4	21	5	0	1
	1130	,,	1007·2	976·5	...	85·6	74·6	68·9	24·3	58	...	5·6	...	4·8	0	0	31	0	0	0	0	2	10	19	0	0
	1730	,,	1003·1	972·7	...	88·8	74·8	67·7	23·1	51	...	6·8	...	4·0	0	0	27	1	0	1	0	2	3	18	2	4
	2330	,,	1007·6	976·5	...	78·7	73·0	70·2	25·1	75	...	6·1	...	3·9	0	0	23	0	0	0	0	2	17	4	0	8
Kallakurichi ...	0830	416	1006·8	992·6	...	82·1	73·8	69·6	24·7	67	...	5·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1002·3	988·4	...	92·7	76·3	67·3	23·5	46	...	5·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1005·6	1004·3	...	79·4	74·7	72·8	27·2	81	...	5·1	...	2·3	0	0	17	1	0	0	0	1	7	7	1	14
	0830	,,	1007·1	1005·8	-0·6	83·7	76·4	72·9	27·8	71	− 2	5·6	+0·6	1·7	0	0	18	0	0	0	0	0	17	1	0	13
	1130	,,	1006·5	1005·3	...	90·9	77·8	71·6	26·5	55	...	5·3	...	4·5	0	0	30	0	0	0	1	1	11	13	3	1
	1730	,,	1003·0	1001·7	...	88·8	79·4	75·2	30·0	66	...	6·2	...	2·9	0	0	29	1	0	1	16	3	3	5	0	2
	2330	,,	1006·7	1005·4	...	81·6	77·0	74·7	29·7	81	...	5·0	...	3·5	0	0	19	1	0	1	2	0	7	7	1	12
Vellore ...	0530	703	1005·5	981·5	...	78·8	71·6	67·8	23·2	70	...	6·7	...	3·6	0	0	23	0	0	0	0	1	2	12	8	8
	0830	,,	1006·8	982·9	-0·2	81·9	72·6	67·7	23·2	62	− 8	6·2	+1·7	4·8	0	0	28	0	0	0	0	0	2	17	9	3
	1130	,,	1005·7	982·0	...	89·4	74·7	66·8	22·7	48	...	6·5	...	7·5	0	0	29	1	0	0	0	0	0	11	17	2
	1730	,,	1002·2	978·8	...	91·3	75·0	66·2	22·3	45	...	6·3	...	5·5	0	0	29	0	0	0	0	1	3	15	10	2
	2330	,,	1006·4	982·5	...	82·4	73·5	68·8	24·2	65	..	6·3	...	3·7	0	0	25	1	0	0	0	1	3	13	7	6
Madras ...	0530	51	1005·1	1003·4	...	79·5	74·7	72·4	27·2	79	...	6·4	...	7·4	0	6	19	0	0	0	0	1	5	18	1	6
	0830	,,	1006·5	1004·8	-0·5	82·9	75·2	71·6	26·3	70	+ 2	6·1	+0·7	8·8	0	8	21	0	0	0	0	0	6	21	2	2
	1130	,,	1005·9	1004·3	...	88·7	75·9	69·5	24·7	54	...	6·2	...	12·5	0	16	15	0	0	0	1	0	1	25	4	0
	1730	,,	1002·8	1001·1	...	87·6	77·4	72·5	27·4	63	...	6·6	...	8·5	0	2	28	0	0	3	12	7	0	5	3	1
	2330	,,	1006·1	1004·3	...	80·9	76·8	74·9	29·6	83	...	6·8	...	5·2	0	2	21	0	0	2	3	8	5	3	2	8
Madras (Nungambakkam) ...	0830	21	1006·2	1005·5	...	83·5	75·6	71·8	26·6	68	...	5·6	...	5·4	0	0	31	0	0	0	0	2	11	16	2	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1008·0	1005·5	...	76·2	74·9	74·3	29·0	94	...	7·1	...	4·5	0	0	28	0	1	7	2	0	2	14	2	3
	0830	,,	1009·6	1007·0	-0·4	77·8	76·0	75·2	29·8	92	+·2	7·2	+0·5	3·5	0	0	21	0	1	3	1	0	2	11	3	10
	1130	,,	1009·8	1007·3	...	80·3	77·1	75·6	30·3	86	...	7·1	...	4·4	0	0	30	2	0	0	0	1	6	17	4	1
	1730	,,	1007·5	1005·0	...	79·8	76·5	75·3	29·7	86	...	7·6	...	5·5	0	1	27	1	0	0	0	0	2	20	5	3
	2330	,,	1009·7	1007·2	...	76·8	75·5	74·9	29·6	94	...	6·8	...	3·6	0	0	22	0	0	1	1	0	3	12	5	9
Kozhikode ...	0530	27	1008·3	1007·4	...	75·3	74·5	74·1	28·8	96	...	6·9	...	3·2	0	0	23	3	6	3	0	1	0	3	7	8
	0830	,,	1010·0	1009·1	-0·2	77·3	75·6	74·8	29·5	93	+ 2	7·0	+0·4	3·4	0	1	24	2	5	3	0	1	2	3	9	6
	1130	,,	1010·2	1009·3	...	81·3	77·9	76·6	31·1	86	...	6·9	...	4·6	0	1	29	1	0	0	0	2	5	11	11	1
	1730	,,	1007·5	1006·6	...	80·6	77·4	76·1	30·7	86	...	7·4	...	4·3	0	0	31	4	1	0	1	0	2	8	15	0
	2330	,,	1010·0	1009·1	...	76·8	75·3	74·5	29·3	93	...	6·2	...	3·2 (a)	0	0	23	7	5	2	0	0	0	0	9	7
Palghat ...	0830	319	1010·0	998·9	...	76·3	74·6	73·7	28·5	92	...	7·0	...	6·3	0	0	31	0	0	0	0	0	1	30	0	0
	1730	,,	1007·2	996·3	...	79·1	75·3	73·4	28·2	83	...	6·8	...	9·0	0	4	27	0	0	0	0	0	2	29	0	0
Mysore																										
Chitaldrug ...	0830	2405	897·8	926·9	-0·5	71·2	68·2	66·9	22·4	86	+ 5	7·1	+0·2	5·2	0	0	31	0	0	0	0	0	8	23	0	0
	1730	,,	895·8	924·6	...	76·9	69·9	66·6	22·1	71	...	6·6	...	5·7	0	0	31	0	0	0	0	0	20	11	0	0
Shimoga ...	0830	1872	897·2	945·1	...	73·5	70·9	69·5	24·8	87	...	7·3	...	3·5	0	0	30	1	0	0	0	3	16	8	2	1
	1730	,,	895·5	943·1	...	76·5	71·8	69·6	24·8	80	...	6·9	...	5·8	0	0	31	0	0	0	0	0	17	8	6	0
Hassan ...	0830	3149	899·4	903·8	...	67·9	66·8	66·1	22·0	92	+ 8	7·4	+0·8	9·4	0	5	26	0	0	0	0	0	5	25	1	0
	1730	,,	897·5	901·8	...	72·0	67·9	66·0	21·7	80	....	6·8	...	13·7	0	17	14	0	0	0	0	0	3	27	1	0
Bangalore (Central Observatory) ...	0830	3021	899·2	907·8	-0·3	69·8	67·0	65·4	21·4	86	+ 1	7·3	+0·1	10·0	0	5	26	0	0	0	0	0	7	21	3	0
	1130	,,	899·1	907·6	...	76·0	68·7	64·9	21·0	68	...	7·0	...	11·8	0	12	19	0	0	0	0	0	3	19	9	0
	1730	,,	896·7	905·1	...	76·2	68·7	64·9	20·9	69	...	7·1	...	10·5	0	11	19	0	0	0	0	0	6	17	7	1
Bangalore (Aerodrome) ...	0530	2943	897·6	908·8	...	67·6	66·0	65·2	21·2	92	...	5·4	...	...	...	...	...	0	0	0	0	0	1	24	3	3
	0830	,,	899·1	910·3	...	70·6	67·1	65·4	21·3	83		7·1	...	...	...	...	...	0	0	0	0	0	1	26	4	0
	1130	,,	899·2	910·1	...	77·3	69·1	65·0	21·0	66	..	7·0	...	...	...	...	...	0	0	0	0	0	0	20	11	0
	1730	,,	896·6	907·6	...	76·8	68·8	64·6	20·7	67	...	6·7	...	...	...	...	...	1	0	0	0	0	6	17	6	1
	2330	,,	899·3	910·4	...	70·3	67·1	65·3	21·4	85	...	5·6	...	...	...	...	...	0	0	0	0	0	2	23	5	1

(a) Mean of 30 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	899·2	924·5	−0·5	71·5	68·2	66·5	22·2	84	+ 4	6·8	+0·5	7·5	0	1	30	0	0	0	0	0	6	24	1	0
	1730	,,	897·5	922·5	...	76·7	69·9	66·3	22·2	71	...	6·9	...	10·8	0	10	21	0	0	0	0	0	3	28	0	0
Balehonnur ...	0830	2917	...	...	...	67·7	66·8	66·1	22·5	95	+ 1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1010·7	1010·4	0	78·1	75·5	74·3	29·0	88	+ 2	7·6	+1·6	3·5	0	0	24	2	4	4	2	0	2	4	6	7
	1730	,,	1007·9	1007·6	...	79·3	76·1	74·5	29·2	85	...	7·8	...	10·0	0	9	22	3	0	0	0	0	1	12	15	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1009·1	1008·9	...	75·3	74·2	73·6	28·4	94	...	7·1	...	1·9	0	0	10	1	0	3	0	0	0	4	2	21
	0830	,,	1010·6	1010·4	...	77·4	75·3	74·2	29·0	90	...	7·2	...	2·7	0	0	19	2	2	1	1	2	0	9	2	13
	1130	,,	1010·5	1010·3	...	80·9	76·4	74·5	29·0	81	...	6·2	...	6·0	0	0	29	3	1	0	0	0	2	14	9	2
	1730	,,	1008·1	1007·9	...	79·7	75·8	74·1	28·7	83	...	7·4	...	6·9	0	2	28	2	0	0	0	0	0	15	13	2
	2330	,,	1010·5	1010·3	...	76·5	74·9	74·5	28·9	92	...	5·7	...	3·5	0	2	12	2	1	1	0	0	0	5	5	17
Alleppey ...	0830	13	1010·6	1010·2	...	77·6	75·8	75·2	29·6	92	...	7·3	...	8·1	0	1	30	4	6	5	2	1	2	2	9	0
	1730	,,	1008·1	1007·7	...	79·6	76·8	75·7	30·1	88	...	7·0	...	12·1	1	6	24	5	0	0	0	0	0	8	18	0
Trivandrum ...	0530	211	1008·9	1001·6	...	74·5	73·9	73·6	28·4	97	...	4·3	...	3·3	0	1	25	8	0	0	0	0	0	0	18	3
	0830	,,	1010·4	1003·1	−0·6	77·1	75·3	74·5	29·1	91	+ 5	6·1	−0·2	2·7	0	0	31	7	0	0	0	0	0	0	24	0
	1130	,,	1010·2	1002·9	...	82·3	77·0	74·5	29·3	78	...	6·2	...	7·0	0	0	31	1	0	0	0	0	1	4	25	0
	1730	,,	1007·8	1000·5	...	81·0	76·8	74·8	29·6	82	...	5·9	...	7·8	0	2	29	3	0	0	0	0	0	3	25	0
	2330	,,	1010·6	1003·3	...	76·3	75·3	74·7	29·5	95	...	4·9	...	3·7	0	0	30	5	0	0	0	0	0	1	24	1
Nagercoil ...	0530	195	1008·0	1001·3	...	76·4	73·1	71·5	26·4	85	...	6·8	...	10·9	0	8	23	0	0	0	0	0	0	15	16	0
	0830	,,	1009·5	1002·8	...	80·0	74·3	71·8	26·4	75	...	6·5	...	10·1	0	3	28	0	0	0	0	0	0	13	18	0
	1130	,,	1009·2	1002·6	...	86·1	75·7	70·6	25·6	60	...	6·7	...	13·2	0	16	15	0	0	0	0	0	0	8	23	0
	1730	,,	1006·5	999·9	...	83·0	74·8	70·6	22·9	67	...	6·8	...	13·1	0	16	15	0	0	0	0	0	0	16	15	0
	2330	,,	1009·7	1003·0	...	78·0	74·1	72·1	27·0	82	...	6·3	...	11·6	0	7	24	0	0	0	0	0	0	16	15	0
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	894·1	884·4	...	71·0	69·7	68·8	24·0	93	...	7·9	...	3·7	0	0	25	0	3	10	5	3	3	1	0	6
	1730	,,	891·4	881·7	...	71·5	70·3	69·6	25·1	94	...	7·9	...	4·0	0	2	19	0	0	0	0	1	10	9	1	10
Shillong ...	0830	4921	895·1	845·3	−0·6	69·6	66·8	65·4	21·1	87	+ 6	7·3	+0·7	0·1	0	0	1	0	0	0	0	0	1	0	0	36
	1730	,,	892·4	842·9	...	70·6	67·5	65·9	22·9	85	...	7·3	...	0·5	0	0	6	0	1	0	1	1	3	0	0	25
Cherrapunji ...	0830	4309	896·3	864·4	−0·2	67·6	67·0	66·8	22·5	97	+ 8	7·5	+0·4	2·2	0	0	31	0	8	6	5	7	4	0	1	0
	1730	,,	893·6	862·3	...	69·1	67·7	67·7	22·5	94	...	6·7	...	1·9	0	0	27	0	11	2	3	2	8	1	0	4
Darjiling ...	0830	7432	797·0	773·2	−0·6	62·5	61·4	61·0	18·3	94	+ 2	7·5	+0·5	5·2	0	0	31	0	0	22	7	0	0	2	0	0
	1730	,,	795·0	771·1	...	61·3	60·8	60·5	17·9	98	...	7·3	...	4·9	0	1	28	0	1	11	12	0	0	3	2	2
Darjiling (Raj Bhawan) ...	0830	6980	800·2	788·6	...	64·2	62·4	61·3	18·4	91	...	7·4	...	1·1	0	0	15	5	2	0	4	1	1	1	1	16
	1730	,,	797·7	786·3	...	65·2	63·5	62·6	19·6	92	...	7·5	...	1·0	0	0	14	1	1	0	0	0	8	4	0	17
Kalimpong ...	0830	3965	893·1	872·2	−2·3	71·2	69·8	69·2	24·2	93	+ 2	4·5	−2·0	2·3	0	0	18	0	0	0	1	0	0	0	17	13
	1730	,,	890·9	870·0	...	72·3	70·4	69·5	24·5	91	...	4·5	...	1·5	0	0	12	0	0	0	12	0	0	0	0	19
Katmandu ...	0830	4388	895·5	861·9	...	73·6	70·0	68·3	23·7	84	+ 3	7·0	+0·3	0·5	0	0	5	0	0	2	2	1	0	0	0	26
	1730	,,	892·8	859·4	...	75·3	71·3	69·1	24·6	82	...	7·2	...	0·8	0	0	12	5	0	4	2	1	0	0	0	19
Mukteswar (Kumaon) ...	0830	7592	797·6	769·0	−0·3	61·2	60·2	59·8	17·4	95	+ 4	6·7	+0·1	4·8	0	2	20	0	6	7	2	0	1	4	2	9
	1730	,,	796·6	767·6	...	62·4	61·7	61·4	18·5	97	...	7·3	...	8·4	0	3	27	1	2	5	1	1	9	9	2	1
Lokpal ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	795·9	792·3	...	63·3	62·5	62·1	19·1	96	+ 1	6·9	−0·1	1·0	0	0	12	1	1	0	3	5	1	0	1	19
	1730	,,	794·4	790·8	...	64·0	63·6	63·5	20·0	98	...	7·7	...	1·6	0	0	21	0	0	0	7	11	3	0	0	10
Simla ...	0830	7224	795·8	777·4	−1·0	62·2	60·6	59·1	17·5	89	+ 3	6·6	0	1·2	0	0	16	4	2	1	3	5	1	0	0	15
	1730	,,	794·7	776·4	...	64·3	62·9	61·9	19·1	93	...	7·0	...	1·4	0	0	21	3	5	3	2	3	2	1	2	10
Dalhousie ...	0830	...	...	...	...	64·7	63·2	61·7	19·5	91	...	6·0	...	0·5	0	0	2	0	1	0	1	0	0	0	0	29
	1730	...	...	...	...	67·6	65·5	64·3	20·4	90	...	6·0	...	0·2	0	0	3	0	1	1	1	0	0	0	0	28
Dharamshala ...	0830	3975	898·6	890·9	...	72·4	69·0	67·9	22·8	85	...	6·0	...	0·4	0	0	8	0	0	5	0	0	0	2	1	23
	1730	,,	896·9	886·3	...	76·3	72·0	70·4	25·0	82	...	5·9	...	0·8	0	0	17	0	0	1	0	0	0	15	1	14
Pachmarhi ...	0830	3528	894·9	887·3	−0·3	67·8	67·4	66·4	23·1	96	+ 6	7·7	+0·4	6·1	0	0	31	0	0	0	0	0	0	23	8	0
	1730	,,	892·7	885·2	...	71·6	69·7	68·8	24·0	91	...	7·7	...	3·5	0	0	31	0	0	0	0	0	0	28	3	0
Abu ...	0830	3921	893·9	874·0	−0·9	65·3	65·0	64·4	20·9	97	+ 4	7·8	+0·5	4·9	0	0	30	0	0	0	0	3	19	7	1	1
	1730	,,	892·4	872·8	...	69·6	67·5	66·3	22·2	90	...	6·8	...	3·6	0	0	30	0	0	0	0	1	6	20	3	0
Mahabaleshwar ...	0830	4534	897·6	858·8	−0·7	62·5	62·5	62·5	19·3	100	+ 3	8·0	+0·2	13·2	0	18	13	0	0	0	0	0	24	5	2	0
	1730	,,	895·9	857·2	...	63·0	63·0	63·0	19·7	100	...	8·0	...	11·7	0	9	22	0	0	0	0	0	23	4	4	0
Nandi Hills ...	0830	4851	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	900·7	885·1	+0·8	64·3	64·2	64·3	20·5	99	+ 4	7·7	+0·3	6·9	0	0	31	0	0	0	0	0	0	15	16	0
	1730	,,	898·1	882·7	...	65·8	65·3	64·9	21·1	97	...	7·6	...	3·0	0	0	31	0	0	0	0	0	0	15	16	0
Kodaikanal ...	0830	7688	801·5	770·2	+0·5	56·5	53·3	50·9	12·8	83	+ 6	6·5	+1·4	9·5	0	5	26	0	0	0	2	0	1	14	14	0
	1130	,,	801·4	770·3	...	61·2	57·1	54·2	14·4	79	...	7·1	...	9·0	0	5	26	1	1	1	1	1	0	5	11	0
	1730		799·7	768·5	...	57·4	55·3	54·0	14·2	89	...	7·6	...	9·7	0	7	23	0	1	1	1	1	0	8	18	1
Ootacamund ...	0830	7378	800·8	778·0	−0·1	55·8	54·4	53·6	14·0	91	+ 4	6·5	−0·1	7·6	0	2	28	1	0	0	0	0	3	22	4	1
	1730	,,	799·3	776·7	...	57·3	55·1	53·9	14·1	88	...	6·8	...	6·1	0	0	27	2	0	0	0	0	1	18	6	4
						(a)	(a)	(a)	(a)	(a)																
Coonoor ...	0830	...	...	...	...	65·7	60·6	57·8	16·2	76	+ 7	4·9	−0·6	7·8	0	5	26	1	0	0	3	7	15	4	1	0
Sikkim																										
Lachen ...	0830	...	...	...	...	59·4	58·5	57·7	16·3	95	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Mean of 30 days.

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—AUGUST 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	59·7	58·3	57·2	16·1	93	+ 7	1·5	-2·7	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	630·7	656·1	...	57·5	54·8	51·4	13·5	81	...	6·3	...	0·4	0	0	3	0	0	0	3	0	0	0	0	28
Gyantse ...	0830	13,110	625·0	625·7	...	55·9	49·2	44·3	10·0	66	- 3	5·0	-0·2	0·7	0	0	10	0	1	3	3	0	1	0	2	21
Ceylon																										
Colombo ...	0830	24	1010·6	1009·8	-0·1	80·0	76·0	74·6	28·8	83	- 1	7·0	+1·1	7·9	0	0	31	0	0	0	1	0	19	10	1	0
	1730	,,	1008·1	1007·3	...	80·6	76·3	74·5	29·1	82	...	7·3	...	8·2	0	1	30	0	0	0	0	0	20	11	0	0
Trincomalee ...	0830	24	1008·2	1007·3	+0·1	82·2	74·7	71·1	26·0	69	- 4	5·1	+1·1	12·8	0	18	13	0	0	0	0	2	28	1	0	0
	1730	,,	1005·1	1004·3	...	87·5	76·0	70·0	25·4	57	...	6·0	...	11·3	0	13	18	2	0	1	0	1	21	2	3	1
Batticoloa ...	0830	20	1008·2	1007·9	...	82·7	75·4	71·5	25·8	70	...	4·6	...	5·8	0	0	31	0	0	0	1	3	11	12	4	0
	1730	,,	1005·3	1005·0	...	85·3	79·3	76·5	31·4	75	...	5·5	...	10·2	0	7	24	0	1	3	19	3	1	2	2	0
Hambantota ...	0830	61	1009·5	1007·4	-0·2	80·0	76·2	74·4	29·1	84	+ 1	4·5	+0·7	17·1	0	31	0	0	0	0	0	0	10	21	0	0
	1730	,,	1006·8	1004·7	...	82·3	75·8	72·4	27·5	73	...	3·6	...	18·8	0	29	2	0	0	0	0	0	13	18	0	0
Mannar ...	0830	12	1008·6	1008·3	...	81·6	78·1	76·5	31·3	85	...	5·6	...	8·8	0	2	29	0	0	0	1	14	16	0	0	0
	1730	,,	1005·6	1005·3	...	81·9	77·9	76·4	31·9	84	...	6·7	...	11·2	0	13	18	0	0	0	0	17	14	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	999·1	972·4	...	73·1	76·8	76·3	30·9	94	...	7·2	...	3·3	0	1	24	2	2	9	4	0	3	1	4	6
	0830	,,	1000·3	973·7	...	81·1	77·4	76·0	30·4	84	...	7·2	...	5·4	0	0	28	0	0	9	9	2	3	2	3	3
	1130	,,	999·7	973·4	...	84·9	78·6	75·8	30·5	75	...	7·1	...	6·4	0	1	29	0	4	10	9	0	2	4	1	1
	1730	,,	997·1	970·8	...	82·8	78·3	76·4	31·1	81	...	7·4	...	5·2	0	0	29	1	1	11	13	1	0	2	0	2
	2330	,,	1000·1	973·5	...	79·3	77·5	73·5	31·4	92	...	6·6	...	2·3	0	0	20	1	1	8	3	0	1	1	5	11
Hazaribagh ...	0530	2019	889·1	931·3	...	74·0	73·3	72·6	27·7	97	...	7·3	...	2·8	0	1	16	2	0	7	0	0	1	6	1	14
	0830	,,	890·7	932·7	...	77·2	74·5	73·4	28·1	77	...	7·0	...	4·5	0	1	26	2	1	10	2	3	0	6	3	4
	1130	,,	890·8	932·5	...	80·4	75·8	73·9	28·6	81	...	7·0	...	5·4	0	0	29	3	0	14	2	2	1	5	2	2
	1730	,,	888·4	930·1	...	79·1	75·7	74·4	28·9	85	...	6·9	...	3·2	0	0	26	1	0	11	3	2	3	3	3	5
	2330	,,	890·4	932·6	...	75·2	74·1	73·7	28·4	95	...	5·8	...	3·0	0	0	28	0	0	13	2	4	3	3	3	3
Dhanbad ...	0530	839	999·0	976·6	...	78·5	77·4	76·9	31·6	95	...	6·2	...	6·0	0	2	26	0	0	9	10	2	2	2	1	2	3
	0830	,,	1000·3	971·9	...	81·3	77·9	76·4	30·7	86	...	6·4	...	7·9	0	5	25	2	7	11	2	0	2	5	1	1
	1130	,,	999·0	971·6	...	85·5	79·5	77·0	31·7	76	...	6·0	...	8·1	0	5	24	2	8	9	3	2	3	2	0	2
	1730	,,	997·2	969·0	...	82·4	78·5	76·9	31·1	84	...	6·4	...	6·6	0	3	23	0	4	10	3	5	1	2	1	5
	2330	,,	999·9	971·5	...	79·3	77·6	77·0	31·5	93	...	5·4	...	4·9	0	2	24	1	8	9	1	4	1	1	1	5
Mahanadi Catchment																										
Baramul ...	0830	210	1000·9	993·4	...	80·8	77·8	76·6	31·2	87	...	...	...	1·7	0	0	17	0	2	0	0	0	7	8	0	14
	1730	,,	997·8	990·7	...	82·0	78·7	77·4	32·0	86	...	...	...	1·6	0	0	17	0	0	1	0	0	6	10	0	14
Hirakud ...	0830	523	1001·1	983·3	...	80·9	77·3	75·8	30·6	85	...	...	...	1·1	0	0	16	0	0	1	0	2	5	8	0	15
	1730	,,	999·0	981·1	...	82·2	78·2	76·7	32·3	83	...	...	...	0·6	0	0	8	0	0	0	0	0	2	5	1	23
Barkachhar ...	0830	...	...	...	...	77·6	74·6	73·4	27·9	87	...	7·7	...	8·0	0	4	26	0	0	0	0	0	17	12	1	1
	1730	...	...	...	...	80·0	75·6	73·6	28·0	82	...	7·7	...	5·6	0	1	27	1	0	0	0	0	11	12	4	3
Sonepur ...	0830	...	...	...	...	80·5	77·0	75·6	30·1	84	...	...	...	6·6	0	1	30	0	1	0	0	0	3	26	1	0
Ginabahar ...	0830	...	...	...	...	78·6	75·5	74·6	28·8	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	79·1	76·4	75·3	29·8	88	...	7·1	...	4·3	0	0	29	0	0	0	1	0	8	19	1	2
	1730	...	...	...	...	82·3	77·8	75·9	30·5	81	...	6·7	...	3·9	0	0	28	1	1	1	0	0	7	16	2	3
Ganga Catchment																										
Tapoban ...	0830	...	...	...	...	65·8	59·1	54·7	14·7	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	55·2	49·2	44·4	10·1	67	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	76·9	73·8	72·4	27·2	86	...	6·9	...	9·5	0	2	29	0	0	0	0	0	25	6	0	0
	1730	...	...	...	...	83·2	75·8	72·3	26·9	71	...	7·0	...	8·8	0	6	25	0	0	0	0	0	14	15	2	0
Bagra Tawa ...	0830	...	...	...	...	76·3	73·9	72·6	27·5	89	...	7·6	...	6·9	0	1	30	0	0	0	0	0	31	0	0	0
	1730	...	...	...	...	80·5	76·2	74·3	28·3	82	...	7·5	...	6·6	0	1	30	0	0	0	0	0	31	0	0	0
Thikri ...	0830	...	...	...	...	80·5	75·8	74·2	28·5	83	...	3·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	76·6	74·5	73·7	22·9	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	75·3	72·2	70·3	25·7	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	77·7	75·0	73·7	28·4	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

AUGUST 1952

ALLAHABAD (Sur. Pr. 988 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	98	301·4	303	299	299·7
1000	28	−10	...	...	...	...
900	28	926	297·1	300	294	295·9
850	28	1429	293·9	297	291	292·7
800	28	1950	290·7	295	287	289·7
700	28	3085	285·3	290	283	283·8
600	26	4366	279·0	285	273	277·0
500	24	5837	270·5	277	267	269·8
400	22	7584	261·3	267	258	...
300	17	9731	248·2	255	243	...
250	14	11028	238·6	246	229	...
200	14	12558	238·2	236	215	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1000 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	5	301·5	303	300	298·6
1000	31	003	...	...	...	...
900	31	939	295·9	297	294	293·4
850	31	1428	293·6	295	292	291·1
800	31	1954	291·0	293	289	288·5
700	31	3089	286·0	289	284	282·4
600	31	4372	279·6	282	277	276·0
500	31	5849	271·8	275	269	267·2
400	31	7590	262·2	266	260	...
300	28	9735	247·7	254	243	...
250	28	11039	237·9	245	233	...
200	28	12539	225·4	233	221	...
175	17	13398	218·2	226	213	...
150	8	14363	209·6	216	204	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (976 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	218	302·2	305	299	296·0
1000	31	2	...	...	...	...
900	31	937	297·6	301	295	293·2
850	31	1437	294·2	297	292	291·3
800	31	1962	292·1	295	288	288·4
700	31	3102	286·6	291	283	280·9
600	31	4386	278·8	283	273	273·6
500	31	5861	271·8	275	267	269·1
400	31	7609	262·7	268	257	...
300	27	9754	248·3	254	243	...
250	26	11057	239·1	245	233	...
200	26	12589	228·1	235	223	...
175	12	13498	221·8	232	215	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

MADRAS (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	15	301·5	303	299	296·7
1000	31	42	...	...	...	...
900	31	978	298·0	301	295	290·5
850	31	1478	295·1	299	291	288·0
800	30	2005	291·1	294	287	286·5
700	30	3135	283·6	287	281	280·7
600	29	4412	277·1	279	274	273·4
500	28	5873	269·6	275	266	...
400	28	7607	259·8	265	257	...
300	26	9743	251·0	255	243	...
250	21	11045	238·0	242	233	...
200	15	12562	226·9	231	223	...
175	12	13433	220·2	225	215	...
150	11	14423	213·4	220	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (967 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	27	307	300·0	301	297	295·3
1000	29	009	...	...	...	...
900	27	939	296·3	299	292	292·8
850	27	1433	293·2	297	289	290·5
800	26	1959	291·0	293	286	287·6
700	26	3091	284·0	287	281	281·7
600	26	4366	278·1	281	273	274·2
500	24	5835	270·4	273	267	...
400	22	7572	261·8	265	258	...
300	15	9718	248·4	254	243	...
250	11	11026	239·0	245	234	...
200	8	12587	229·5	238	223	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NEW DELHI (975 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	206	301·4	305	298	298·9
1000	30	−017	...	...	...	...
900	30	920	298·0	301	295	294·3
850	30	1420	294·7	299	291	291·9
800	30	1947	291·5	296	287	289·0
700	30	3083	285·3	289	281	284·7
600	30	4363	278·1	282	273	272·2
500	30	5835	271·1	275	266	268·6
400	30	7579	261·1	266	253	...
300	27	9732	248·7	259	241	...
250	24	11035	238·7	248	231	...
200	20	12573	228·4	241	219	...
175	12	13434	221·3	237	210	...
150	8	14456	215·0	234	208	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

AUGUST 1952

POONA (Sur. Pr. 943 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	557	296·3	298	295	293·4
1000	31	48	...	...	...	...
900	31	967	293·8	296	291	291·2
850	31	1459	291·2	294	289	288·5
800	31	1979	288·7	291	286	286·2
700	31	3106	285·3	288	282	277·8
600	31	4385	279·1	282	276	271·1
500	30	5859	271·5	275	270	...
400	30	7609	262·2	265	259	...
300	28	9760	249·3	255	243	...
250	24	11070	240·3	245	234	...
200	21	12614	229·8	237	224	...
175	18	13491	223·0	217	219	...
150	15	14482	215·9	222	205	...
125	8	15577	210·4	214	205	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

PORT BLAIR (998 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	81	299·0	301	297	298·0
1000	29	66	...	...	...	...
900	29	992	294·0	297	293	291·0
850	29	1484	292·0	293	289	288·0
800	27	2007	289·0	293	287	285·0
700	27	3133	284·0	289	281	277·0
600	26	4405	277·0	280	273	269·0
500	24	5862	269·0	272	267	...
400	19	7589	258·0	260	255	...
300	16	9711	245·0	248	241	...
250	13	11001	236·0	241	232	...
200	8	12514	226·0	232	222	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

TRIVANDRUM (1002 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	64	298·9	300	298	296·2
1000	31	93	...	...	...	...
900	31	1006	292·8	295	291	290·7
850	31	1499	290·8	293	288	288·2
800	31	2019	288·2	291	286	285·2
700	31	3143	283·3	286	281	277·8
600	30	4413	276·9	280	274	270·9
500	30	5872	268·3	272	265	...
400	30	7595	258·1	264	255	...
300	28	9715	245·0	254	241	...
250	27	10998	235·3	247	228	...
200	23	12505	224·6	233	219	...
175	11	13362	218·7	224	212	...
150	10	14337	210·9	217	204	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VERAVAL (1002 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	8	299·2	300	299	297·6
1000	31	030	...	...	...	...
900	31	956	293·5	296	291	291·8
850	31	1448	290·9	294	289	289·4
800	31	1970	289·6	294	287	283·4
700	31	3107	286·8	290	282	275·1
600	31	4389	278·2	282	273	269·9
500	31	5859	270·4	275	265	...
400	31	7598	261·2	265	255	...
300	30	9742	247·6	252	240	...
250	28	11045	237·8	245	231	...
200	23	12578	228·5	234	219	...
175	20	13444	221·9	229	210	...
150	19	14437	214·6	223	204	...
125	11	15606	209·1	215	205	...
100	6	17040	203·4	207	199	...
80	...	...	...	...	...	...

VISAKHAPATNAM (995 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	28	48	302·1	304	300	296·6
1000	28	006	...	...	...	...
900	28	938	296·5	299	294	291·3
850	28	1443	293·7	296	291	289·0
800	28	1960	290·5	293	288	286·9
700	28	3090	284·3	287	280	280·6
600	28	4367	277·4	282	273	274·1
500	28	5834	269·3	273	264	...
400	26	7565	260·4	265	253	...
300	22	9713	247·9	255	242	...
250	19	11007	238·1	247	233	...
200	15	12534	228·3	238	219	...
175	10	13430	222·0	228	215	...
150	10	14419	215·1	221	210	...
125	5	15610	209·4	213	205	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

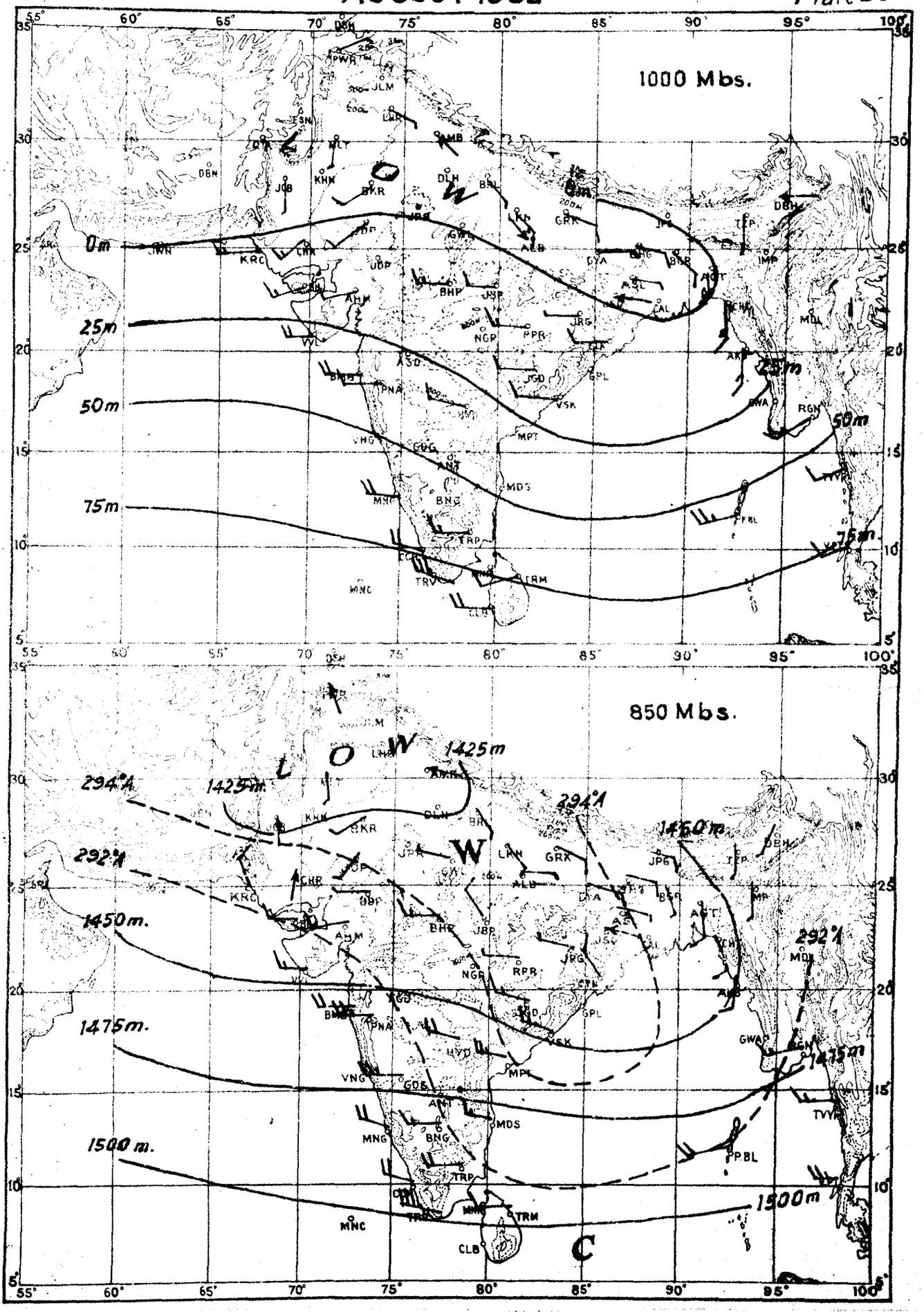
Note :— Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.I.—S.—110 DDG Ob. Poona—5-3-53—240.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

AUGUST 1952

Plate I.



RESULTANT WIND —— = 5 Knots, —— = 10 Knots, —— = 50 Knots.

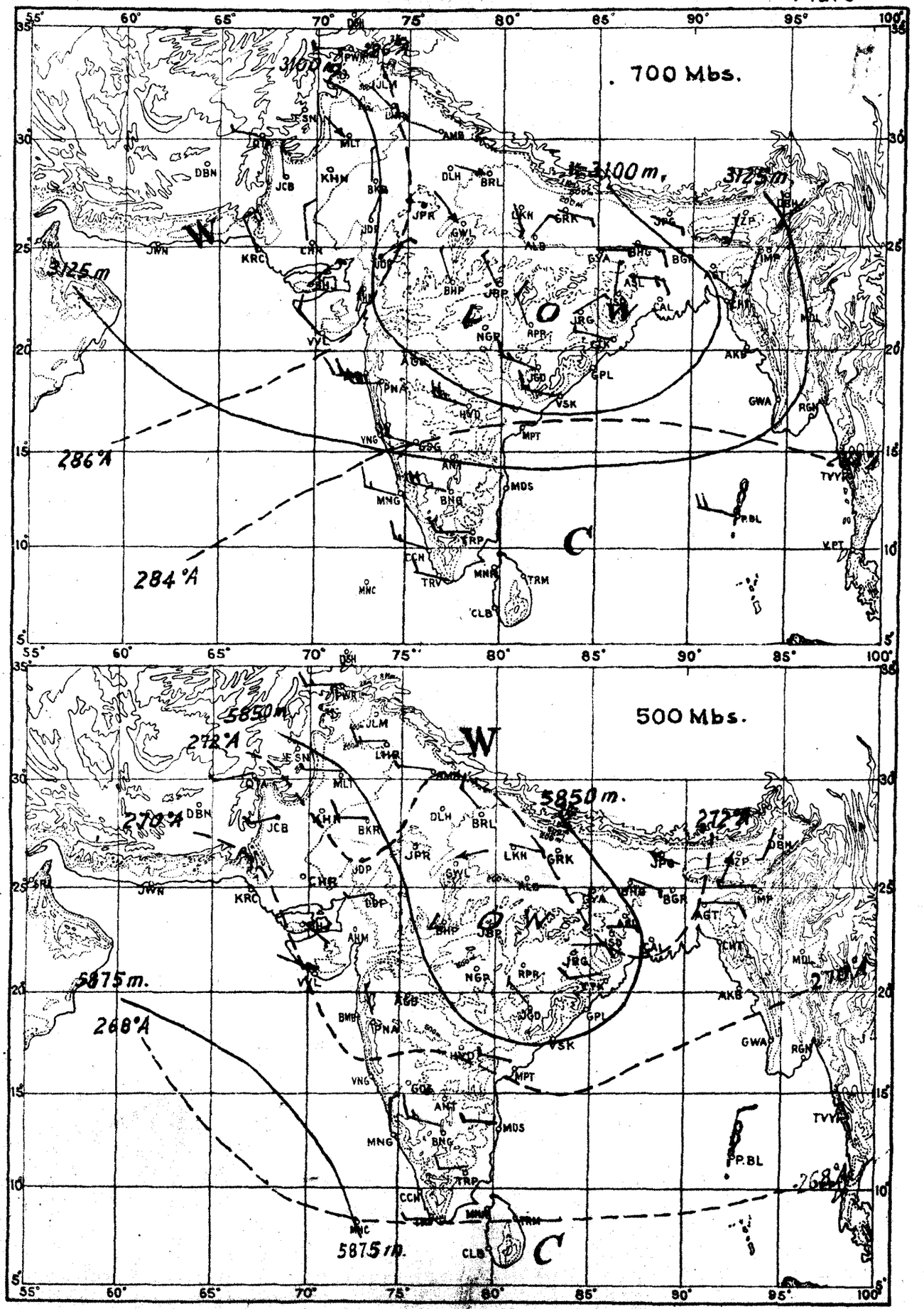
- - - - - - Isotherms in degrees absolute. ——— Contours in geopotential metres.

E.PZ.P.POGUL.33.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

AUGUST 1952

Plate II.



RESULTANT WIND ——= 5 Knots, ——= 10 Knots, ——= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

SEPTEMBER

Published by authority of the Government of India

The chief feature of the month was generally weak monsoon conditions over the country, outside north-east India and east Madhya Pradesh.

During the first four days of the month, fairly widespread rain occurred in northeast India, east Uttar Pradesh, Vindhya Pradesh and east Madhya Pradesh, locally heavy falls being recorded in east Uttar Pradesh and the adjoining parts of Bihar on the 4th. The monsoon became markedly active in east Madhya Pradesh between the 5th and 7th, Dhamtari, a state raingauge station in the sub-division, recorded 12·3″ of rain on the 5th Reports appeared in the Press about serious floods in the river Kosi, which flooded about 400 villages in Dharbhanga district of Bihar by the 8th. A population of about 2 lakhs was affecfed and near 60 per cent of the paddy crop was reported to have been damaged. Widespread rain in upper Assam during the first few days of the month was also responsible for the rapid rise of the rivers, Brahmaputra, Lohit, Dibang, Ranganodi and Subansari resulting in floods and extensive damage to standing paddy fields in north Lakhimpur, Dibrugarh, Doomdooma and in the Golaghat sub-division of Sibsagar district.

A shallow depression formed in the northwest Bay of Bengal on the 10th morning. It weakened into a low pressure area extending from northwest Bay to southeast Uttar Pradesh by the 11th morning, and became unimportant by the 13th. Under its influence fairly widespread rain occurred in northeast India, Uttar Pradesh and central parts of the country on the 11th and 12th, with locally very heavy falls in and around Chota Nagpur on the 11th.

During the second half of the month three low pressure waves moved westwards from north Burma into the central and north Bay of Bengal, and, caused unsettled conditions to prevail there. In association with these unsettled conditions, fairly widespread rain occurred in Assam, sub-Himalayan West Bengal, Orissa and east Madhya Pradesh on the 16th and 17th, with heavy to very heavy falls in east Madhya Pradesh and the adjoining parts of Orissa. Another spell of well-distributed rain occurred in north-east India between the 20th and 25th. The monsoon was particularly vigorous in sub-Himalayan West Bengal, Bihar and the adjoining parts of eastUttar Pradesh on the 23rd on which date Darjeeling reported 13″ of rain and Arrah 5″. As a result of this heavy rain several landslides occurred between Kalimpong and Darjeeling. The rivers, Kosi, Kazala, Balan, Jiwach and Bagmati in Bihar also rose in spate and flooded an area of about 500 sq. miles in Dharbhanga district.

Except for scattered or light local showers in the Konkan, Deccan (Desh), Hyderabad and coastal Andhradesa on a few days, the weather generally remained dry over the Peninsula during the first half of the month. During the second fortnight, fairly widespread rain occurred in Hyderabad between the 18th and 28th, in coastal Andhradesa between the 20th and 23rd and in Mysore and south Deccan (Desh) between the 27th and 30th. Local showers also occurred in Deccan (Desh) between the 20th and 24th which, were welcome for the crops.

The southwest monsoon had practically withdrawn from northwest India and west Uttar Pradesh in the beginning of the month. It withdrew from east Uttar Pradesh, northeast India and the central parts of the country by the 27th, and from the entire country, with the exception of the extreme south of the Peninsula, by the 1st October.

Total rainfall for the month was in moderate excess in Bihar and east Madhya Pradesh and in slight excess in Chota Nagpur. It was normal in Assam, West Bengal and Orissa, in moderate defect in the Bay Islands, east Uttar Pradesh, Vindhya Pradesh, Hyderabad, coastal Andhradesa and Mysore, and in large defect in west Uttar Pradesh, the Punjab (I), east Rajasthan, Madhya Bharat, west Madhya Pradesh and in

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WEATHER BUREAU

the rest of the Peninsula. There was no rain in west Rajasthan. Averaged over the plains of India, rainfall was 36% in defect.

The mean maximum temperature was above normal in the Bay Islands, west Uttar Pradesh, the Punjab (I), Madhya Bharat and Deccan (Desh) and normal elsewhere over the country. The mean minimum temperature was normal all over the country.

The mean relative humidity in the morning was above normal in Bihar, below normal in west Uttar Pradesh and the Punjab (I), east Rajasthan, Madhya Bharat and Tamilnad and normal elsewhere.

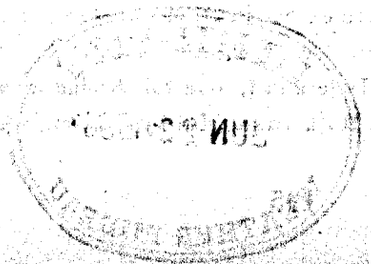
The mean cloud amount in the morning was above normal in Madhya Pradesh and south Hyderabad below normal in west Uttar Pradesh, the Punjab (I), west Rajasthan, Saurashtra and Kutch and Mysore and normal elsewhere.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hours I.S.T. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA—5,
2nd November, 1953.

A. K. ROY,
for *Director General of Observatories.*



Errata to Monthly Weather Report for September 1952

Table II

Page No.	Station	Column	For	Read
200	Seoni	21	Blank	0
"	"	22	"	0
"	"	23	"	8
"	Chhindwara	21	"	0
"	"	22	"	0
"	"	23	"	6

Table III

Page No.	Station	Hour	Column	For	Read
209	Indore	1730	15	7.	7.6
"	Nowgong	1730	9	1.8	71.8
"	"	"	10	26.	26.9
"	"	"	13	4.	4.2
"	Sutna	0830	10	28.	28.9
210	Nagpur	0530	11	8.	89.
"	"	"	13	5.	5.9
"	"	0830	11	8	78
"	"	"	12	-	+ 6
"	"	"	13	5.	5.9
"	"	1130	10	.8	26.8
"	"	"	13	6.	6.2
"	"	1730	11	Blank	71
"	"	2330	11	Blank	83
213	Pamban	0830	9	76.	76.0
"	"	"	10	30.	30.5
"	"	1730	9	76	76.5
"	"	"	10	Blank	30.9
"	Mathurai	0830	9	7.0	67.0
"	"	"	10	22.	22.7
214	Banglore (Aerodrome)	0530	13	3.	3.8
"	"	0830	11	7	77
"	"	"	13	.2	5.2
"	"	1130	11	5	58
"	"	"	13	Blank	5.1
"	"	1730	11	5	53
"	"	"	13	Blank	5.6
"	"	2330	11	8	80
"	"	"	13	4.	4.1

Radio Sonde Data

217	Nagpur		3	05.2	205.2

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	12·03	109	87·0	76·2	88	85	6·5	5·5
	+0·99	...	- 1·0	+ 0·2	+ 3	...	+ 0·7	...
2 West Bengal ...	8·37	91	89·7	78·4	84	81	5·8	5·8
	-0·86	...	+ 0·5	+ 0·4	+ 1	...	+ 0·6	...
3 Orissa ...	9·88	110	88·7	78·3	84	81	5·7	6·1
	+0·93	...	- 0·2	+ 0·3	+ 2	...	+ 0·7	...
4 Bihar ...	11·32	134	88·2	76·9	86	81	5·7	6·0
	+2·87	...	- 0·4	+ 0·5	+ 5	...	+ 0·8	...
5 Uttar Pradesh ...	3·04	43	93·3	76·6	75	61	2·9	3·1
	-4·01	...	+ 1·8	+ 0·7	- 4	...	- 0·4	...
6 Punjab (I) (including PEPSU and Delhi) ...	0·07	1	98·6	76·0	62	37	0·9	0·9
	-5·03	...	+ 3·8	+ 1·3	- 8	...	- 1·0	...
7 Rajasthan ...	0·31	12	94·4	74·8	66	42	1·9	2·2
	-2·31	...	+ 1·1	+ 0·3	- 5	...	- 0·7	...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	2·59	34	89·6	73·2	77	62	4·4	5·3
	-4·97	...	+ 1·9	+ 0·5	- 4	...	+ 0·1	...
9 Madhya Pradesh ...	6·93	87	87·7	73·6	81	69	6·0	6·9
	-1·04	...	+ 0·6	+ 0·9	0	...	+ 1·4	...
10 Bombay (including Saurashtra & Kutch) ...	1·82	27	88·9	72·4	79	59	4·4	4·8
	-4·88	...	+ 1·3	- 0·3	- 2	...	- 0·6	...
11 Hyderabad	5·24	70	87·5	72·4	78	62	5·8	6·4
	-2·22	...	+ 0·4	+ 0·6	- 1	...	+ 0·9	...
12 Madras (including Travancore-Cochin) ...	2·00	37	91·4	76·6	73	63	4·6	5·2
	-3·36	...	+ 1·0	+ 0·6	- 4	...	- 0·3	...
13 Mysore ...	3·15	56	83·2	64·9	84	50	4·8	5·7
	-2·45	...	+ 1·7	- 0·9	0	...	- 1·3	...
Mean of India ...	4·30	64	90·4	74·8	77	62	4·4	4·8
	-2·44	...	+ 1·0	+ 0·4	- 2	...	+ 0·1	...
Sub-Division								
1 Bay Islands ...	9·46	54	85·1	75·3	81	86	6·3	5·8
	-7·94	...	+ 2·0	+ 1·5	- 3	...	+ 0·1	...
2 Assam (including Manipur and Tripura) ...	12·03	109	87·0	76·2	88	85	6·5	5·5
	+0·99	...	- 1·0	+ 0·2	+ 3	...	+ 0·7	...
3 West Bengal ...	8·37	91	89·7	78·4	84	81	5·8	5·8
	-0·86	...	+ 0·5	+ 0·4	+ 1	...	+ 0·6	...
4 Orissa ...	9·88	110	88·7	78·3	84	81	5·7	6·1
	+0·93	...	- 0·2	+ 0·3	+ 2	...	+ 0·7	...
5 Chota Nagpur ...	10·12	125	87·7	75·3	85	79	5·8	6·5
	+2·04	...	+ 0·2	+ 0·6	+ 4	...	+ 0·8	...
6 Bihar ...	11·99	138	88·6	78·2	86	82	5·7	5·6
	+3·32	...	- 0·8	+ 0·4	+ 6	...	+ 0·9	...
7 Uttar Pradesh, East ...	4·50	59	92·4	78·0	80	70	3·6	3·7
	-3·19	...	+ 1·3	+ 1·2	0	...	0	...
8 Uttar Pradesh, West ...	1·57	24	94·1	75·1	69	52	2·1	2·4
	-4·84	...	+2·4	+ 0·1	- 8	...	- 0·7	...
9 Punjab (I) (including PEPSU and Delhi) ...	0·07	1	98·6	76·0	62	37	0·9	0·9
	-5·03	...	+ 3·8	+ 1·3	- 8	...	- 1·0	...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0	0	97·1	75·5	67	41	1·1	1·6
	-1·10	...	+ 0·3	+ 0·1	- 1	...	- 0·9	...
12 Rajasthan, East (including Ajmer) ...	0·62	15	92·2	74·2	65	42	2·5	2·8
	-3·53	...	+ 1·7	+ 0·5	- 7	...	- 0·5	...
13 Madhya Bharat ...	0·95	12	89·6	72·4	75	57	4·3	5·3
	-6·77	...	+ 2·3	+ 0·5	- 6	...	+ 0·1	...
14 Vindhya Pradesh ...	5·31	73	89·6	74·6	80	69	4·4	5·2
	-1·97	...	+1·3	+ 0·4	0	...	0	...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	12·94	143	85·2	73·2	85	78	6·4	7·2
	+3·91	...	- 1·2	+ 0·4	+ 3	...	+ 1·6	...
16 Madhya Pradesh, West ...	3·18	43	89·3	73·8	78	63	5·8	6·6
	-4·14	...	+ 1·7	+ 1·2	- 1	...	+ 1·2	...
17 Gujarat ...	0·43	8	91·3	74·5	81	55	4·3	4·1
	-4·95	...	+ 1·9	- 0·1	- 1	...	- 0·5	...
18 Saurashtra & Kutch ...	0·36	14	89·9	74·2	80	61	3·0	3·9
	-2·24	...	- 0·3	- 0·8	0	...	- 1·5	...
19 Konkan ...	3·03	29	84·9	75·0	84	73	5·0	4·9
	-7·49	...	+ 0·7	- 0·5	- 1	...	- 0·7	...
20 Deccan (Desh) ...	2·61	34	88·6	69·2	75	54	5·1	5·8
	-5·14	...	+ 2·1	0	- 4	...	0	...
21 Hyderabad, North ...	5·85	73	86·1	70·8	81	66	5·7	6·4
	-2·19	...	+ 0·1	+ 0·1	+ 1	...	+ 0·8	...
22 Hyderabad, South ...	4·62	67	88·6	73·5	75	59	5·9	6·4
	-2·25	...	+ 0·5	+ 1·1	- 3	...	+ 1·1	...
23 Coastal Andhradesa ...	3·75	64	91·7	77·9	79	72	5·7	6·1
	-2·12	...	+ 0·2	0	+ 1	...	+ 0·3	...
24 Rayalaseema ...	1·71	30	92·1	75·0	67	46	4·9	5·3
	-4·08	...	+ 0·8	+ 0·5	- 5	...	- 0·4	...
25 Tamilnad ...	1·32	33	93·5	77·1	67	56	3·6	4·6
	-2·63	...	+ 1·4	+ 1·3	- 7	...	- 0·6	...
26 Malabar & South Kanara ...	1·11	12	85·8	74·1	84	79	5·2	5·3
	-8·09	...	+ 1·5	- 0·3	- 4	...	- 0·4	...
27 Mysore ...	3·15	56	83·2	64·9	84	50	4·8	5·7
	-2·45	...	+ 1·7	- 0·9	0	...	- 1·3	...
28 Travancore-Cochin ...	1·61	26	85·5	74·7	81	79	5·1	5·5
	-4·49	...	+ 1·2	0	- 3	...	- 0·2	...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean beween 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	85·1	+2·0	87	6 days	75·3	+1·5	73	4 days	3·35	9·46	− 7·94	3·01	2	12	−9·9	12·9	9·0	−1·4	18	0	0	2	2	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	54·40	...	10·65	24	22	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	85·5	−0·9	94	1	74·8	+0·3	72	7,30	3·43	24·72	+10·37	3·46	7	20	+4·6	1·5	1·2	+0·3	25	0	0	5	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	85·2	...	92	1	74·4	...	71	30	3·07	24·24	...	4·32	11	23	...	3·3	3·2	...	24	0	0	8	0	0	0	0	0	0
Sibsagar ...	86·0	−1·6	92	1	76·8	+0·6	72	29	0·98	14·11	+ 2·28	4·42	13	17	+2·2	3·1	2·8	+1·0	25	0	0	14	0	0	0	0	0	0
Tezpur ...	89·2	+0·4	94	12	77·0	+0·5	73	22	2·97	7·42	− 0·86	2·35	21	10	−2·7	1·4	1·0	−0·4	16	0	0	7	0	0	0	0	0	0
Tezpur (P. B. O.) ...	87·6	...	93	10	76·7	...	73	23,29	3·68	8·18	...	2·73	21	12	...	2·0	1·3	...	19	0	0	14	0	0	0	0	0	0
Gauhati ...	88·6	−0·8	93	6,13	75·7	−0·5	72	23.25	1·77	10·41	+ 3·82	3·33	20	11	+1·7	3·0	1·7	+0·4	16	0	0	5	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	12	1	0	0	0	0	0
Dhubri ...	86·0	+0·3	91	6,17	78·1	+0·8	73	23	1·78	4·99	− 9·03	1·23	24	9	−3·5	3·6	3·2	−0·1	14	0	0	5	0	0	0	0	0	0
Silchar ...	87·3	−2·4	92	10	76·7	+0·5	72	27	2·89	12·79	− 2·53	1·89	1	15	−1·2	0·8	0·4	−0·9	22	0	0	13	0	0	0	0	0	0
Tura ...	84·1	...	88	5	73·4	...	71	4days	14·18	21·54	...	2·88	10	22	...	3·7	3·0	...	23	0	0	0	0	0	0	0	0	0
Lumding ...	86·5	−2·1	91	1	74·3	−0·9	70	25	...	9·76	+ 2·38	3·09	14	14	+3·2	...	...	...	16	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	89·7	...	94	16	79·1	...	74	25	1·85	4·23	...	1·35	22	11	...	3·0	4·5	...	16	0	0	7	1	0	0	0	0	0
Calcutta ...	89·4	−0·5	94	16	79·2	+1·2	75	3,5	5·41	7·67	− 2·28	1·53	12	14	+0·8	4·1	3·0	+0·2	20	0	0	12	0	0	0	0	0	0
Saugor Island ...	86·8	−0·9	91	9	80·2	+0·7	75	15	2·05	11·15	+ 0·80	4·63	15	13	+0·1	10·8	10·1	+1·7	19	0	0	3	0	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	1·83	13·47	+ 8·68	3·38	14	13	+4·6	...	...	...	14	0	0	4	0	0	0	0	0	0
Midnapore ...	90·2	+0·5	94	16	77·9	−0·2	71	13	6·34	8·69	+ 0·18	2·73	11	11	−0·9	3·4	2·3	+0·4	15	0	0	3	0	0	0	0	0	0
Contai ...	90·3	...	94	5 days	78·5	...	74	30	3·57	8·40	...	2·95	30	15	...	7·0	5·1	...	17	0	0	2	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	9·82	+ 1·95	2·23	21	15	+4·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	92·0	+2·0	96	4 days	78·8	+0·2	74	30	3·00	8·47	− 0·33	4·30	11	9	−2·3	4·7	3·6	+1·8	10	0	0	0	0	0	0	0	0	0
Krishnagar ...	92·5	+2·4	97	15,16	77·6	−0·4	75	23,25	4·60	8·25	+ 0·29	3·05	22	11	−0·2	3·4	2·8	0	18	0	0	12	0	0	0	0	0	0
Asansol ...	89·5	−0·4	95	16	77·7	+0·7	74	24	2·02	6·84	− 1·41	1·55	10	13	+2·3	4·7	3·1	−0·9	15	0	0	17	0	0	0	0	0	0
Berhampore ...	91·9	+3·2	97	15	78·9	+0·3	75	27	5·55	8·53	− 0·61	1·67	12	13	+1·5	3·2	2·2	−0·3	16	0	0	4	0	0	0	0	0	0
Malda ...	88·2	−0·8	92	4 days	78·7	+0·4	74	25	2·65	6·20	− 5·32	2·82	23	9	−2·6	4·9	4·0 (e)	+0·1	14	0	0	11	0	0	0	0	0	0
Cooch Behar ...	89·0 (g)	...	93	1	76·8 (g)	...	72	22	2·32 (h)	11·50 (g)	−12·02	2·97	24	12	−5·1	4·7 (h)	2·5	...	17 (g)	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	87·7	−0·4	...	...	76·2	+0·3	...	...	1·75	32·55	...	...	...	...	...	4·5	4·1	+2·6	20	0	0	17	0	0	0	0	0	0
Bagdogra ...	88·4	...	93	10	75·3	...	71	24	5·82	26·80	...	5·20	3	21	...	3·7	2·4	...	25	0	0	15	0	0	0	0	0	0
Orissa																												
Balasore ...	88·5	−0·3	93	26,28	79·0	+1·0	75	4 days	6·86	12·15	+ 1·09	2·57	30	13	+0·1	5·6	4·0 (i)	+1·5	19	0	0	15	0	0	0	0	0	0
Chandbali ...	89·3	+0·5	95	26	78·8	+0·5	74	29	5·64	7·99	− 0·93	1·63	11	12	−2·1	5·5	4·5	−0·6	13	0	0	0	0	0	0	0	0	0
Puri ...	88·6	0	94	15	79·7	0	75	1.30	2·51	7·78	− 1·27	1·33	30	12	−0·1	9·0	7·5	−0·6	18	0	0	10	0	0	0	0	0	0
Bhubaneswar ...	88·7	...	93	27,28	77·2	...	75	22,30	...	6·20	...	1·19	8	12	...	...	5·9	...	15	0	0	14	0	0	0	0	0	0
Cuttack ...	89·4	−0·6	95	28	78·5	+0·7	75	11	6·05	8·60	− 1·16	1·68	8	13	+0·4	3·7	2·9	+1·1	17	0	0	12	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	5·16	6·43	...	1·31	10	13	...	2·7	1·8	...	14	0	0	12	0	0	0	0	0	0
Gopalpur ...	88·8	+0·2	92	3,16	78·7	+0·3	75	10,22	2·58	6·62	− 0·86	3·26	10	10	+0·5	6·1	5·2	−1·3	14	0	0	6	0	0	0	0	0	0
Koraput ...	77·2	...	84	28,29	67·1	...	64	26	5·01	14·23	...	2·01	16	19	...	...	...	...	21	0	0	0	0	0	0	0	0	0
Angul ...	88·5	−0·3	93	28	77·2	+0·7	74	22	5·87	8·43	+ 1·08	1·64	11	12	+0·9	5·3	3·8	0	15	0	0	13	0	0	0	0	0	0
Sambalpur ...	88·1	−0·6	93	28	76·1	−0·8	72	11	6·07	17·61	+ 8·56	4·45	11	16	+4·6	4·4	3·7	+0·9	20	0	0	11	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	4·72	12·95	...	2·23	11	14	...	...	...	...	25	0	0	19	2	0	0	0	0	0
Titilagarh ...	86·6	...	93	28,29	74·8	...	72	5 days	7·79	24·19	...	5·79	17	19	...	2·8	2·0	...	22	0	0	13	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	89·5	...	93	30,26	75·6	...	73	23,25	1·51	2·87	...	0·55	11	8	...	4·0	3·0	...	14	0	0	7	0	0	0	0	0	0
Jamshedpur ...	90·3	+0·4	93	4 days	78·1	+0·5	75	25,26	4·25	5·79	− 1·32	1·02	23	10	−1·2	7·1	3·6	+0·5	15	0	0	10	0	0	0	0	0	0
Jamshedpur (P.B.O) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	10	0	0	0	0	0	0
Chaibasa ...	89·6	+0·3	93	4	76·7	+0·7	74	4days	4·98	10·51	+ 2·60	2·32	11	9	−2·6	2·3	1·3	−0·3	12	0	0	7	0	0	0	0	0	0
Ranchi ...	84·5	+0·4	88	26	72·5	+0·6	70	25	11·25	16·32	+ 7·02	5·45	11	15	+2·7	2·0	1·6 (i)	−2·4	17	0	0	0	0	0	0	0	0	0
Hazaribagh ...	85·3	+0·6	88	5,19	72·8	+0·5	69	22	3·69	8·55	− 0·39	3·45	11	10	−1·5	...	2·3	−3·0	18	0	0	13	2	0	0	0	0	0
Hazaribagh(C.W.) ...	86·2	...	89	19,26	72·4	...	79	73	3·81	8·52	...	3·67	11	11	...	1·8	1·2	...	17	0	0	10	1	0	0	0	0	0
Daltonganj ...	88·9	−0·8	93	21	76·2	+0·8	73	23	2·24	9·42	+ 2·28	2·96	1	13	+3·7	3·5	2·3	−0·5	18	0	0	6	0	0	0	0	0	0
Bihar																												
Purnea ...	88·9	−0·1	93	10,16	77·7	+0·3	74	20,24	4·91	10·77	− 0·83	3·40	24	10	−1·5	4·5	2·8	+0·9	16	0	0	11	0	0	0	0	0	0
Darbhanga ...	86·9	−2·3	93	11,12	78·1	−0·4	73	25	5·65	13·06	+ 3·82	2·52	23	13	+3·6	2·7	1·3	−1·3	14	0	0	1	0	0	0	0	0	0
Motihari ...	90·0	+0·4	95	8,11	77·3	+0·3	72	24,25	5·01	14·52	+ 5·47	4·87	23	14	+4·9	1·6	1·7	−1·2	17	0	0	6	0	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	6·59	+ 2·07	1·55	3	15	+5·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	11·58	+ 4·10	3·28	23	10	+1·3	...	...	...	...	...	...	...	...	...	...	...	...	...

(e) Mean of 26 days (g) Mean or total for 24 days (h) Mean or total for 23 days (i) Mean of 22 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830–1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	25·18	+16·99	4·80	23	16	+6·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	89·3	−0·4	95	11	79·5	+0·6	73	24	2·82	9·19	+ 0·59	2·97	23	11	+1·8	5·1	4·0	+0·7	14	0	0	3	0	0	0	0	0	0
Patna (Aerodrome)	89·0	...	95	11	78·9	...	73	23	2·37	7·33	...	2·49	11	7	...	4·5	3·2	...	13	0	0	6	0	0	0	0	0	0
Dehri	89·3	...	94	19,21	78·1	...	73	23	1·36	7·41	+ 0·02	2·35	23	8	−0·9	3·2	2·2	...	13	0	0	1	0	0	0	0	0	0
Gaya	89·5	−1·0	94	19	78·5	+1·4	72	21	1·86	13·91	+ 6·41	3·59	23	11	+1·7	4·9	3·8	−0·7	15	0	0	11	0	0	0	0	0	0
Jamui	89·0	...	93	18	78·0	...	74	21	1·95	10·91	...	2·20	21	12	...	3·5	2·5	...	16	0	0	0	0	0	0	0	0	0
Dumka	88·4	−0·7	93	10	76·3	−0·4	73	23	1·15	9·74	+ 0·15	4·45	11	9	−3·5	4·6	3·2	+1·3	10	0	0	8	0	0	0	0	0	0
Sabour	88·8	−0·5	94	16	79·2	+0·9	76	22,25, 26	3·39	7·03	− 1·33	1·82	8	12	+2·2	4·7	3·8	−0·7	16	0	0	18	0	0	0	0	0	0
Bhagalpur	89·5	...	94	4days	79·5	...	76	22,25	3·22	7·04	...	1·36	4	14	...	4·2	3·6	...	14	0	0	12	0	0	0	0	0	0
U. P., East																												
Gonda	91·5	+0·4	96	19	78·0	+0·9	75	1,24	2·67	6·52	−2·62	2·35	1	5	−5·2	2·1	1·5	−1·6	6	0	0	0	0	0	0	0	0	0
Gorakhpur	90·9	+0·5	95	4days	78·4	+1·2	74	21	3·95	7·08	−1·44	2·61	5	9	−0·3	0·9	0·4	−1·3	12	0	0	0	0	0	0	0	0	0
Azamgarh	91·5	...	97	19,20, 21	78·1	...	73	23,24	2·79	6·36	...	2·87	23	7	...	1·2	0·7	...	8	0	0	0	0	0	0	0	0	0
Banaras	91·4	+0·4	97	20,21	77·4	+0·1	73	23,24	4·08	6·57	−0·65	2·28	4	8	−0·7	5·6	4·4	+2·6	13	0	0	5	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	90·1	...	97	21	77·7	...	73	23,24	1·71	4·38	...	1·30	23	8	...	6·5	4·8	...	10	0	0	3	0	0	0	0	0	0
Allahabad (Bamrauli)	92·4	+0 9	97	25	77·1	+1·1	75	25,28	3·76	4·67	−3·69	1·13	1	9	−0·5	4·8	3·1	−0·6	10	0	0	7	0	0	0	1	0	0
Fatehpur	92 5	+1·4	96	25	77·4	+0·7	75	5days	2·49	4·04	−1·47	2·74	13	5	−3·6	4·5	2·6	−0·1	6	0	0	0	0	0	0	0	0	0
Banda	93·0	...	97	8,21, 27	77·9	...	75	13	1·00	2·54	...	1·54	12	3	...	2·0	0·9	...	3	0	0	0	0	0	0	0	0	0
Orai	93·2	...	97	10,25	76·3	...	71	12	1·56	5·03	...	2·14	13	5	...	4·2	4·6	...	7	0	0	1	0	0	0	0	0	0
Kanpur	93·7	+2·8	98	25	77·6	+1·4	75	5days	0·46	2·01	−4·78	1·29	12	2	−5·3	7·7	5·5	+0·4	3	0	0	1	0	0	0	0	0	0
Lucknow	94·3	+2·4	97	6days	78·8	+2·3	73	21	0·62	1·42	−5·98	0·60	12	4	−3·9	2·9	1·8	+0·1	4	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	93·5	...	97	21, 25,30	76·4	...	72	26,30	1·35	2·59	...	0·82	12	4	...	2·8	3·1	...	7	0	0	2	0	0	0	0	0	0
Hardoi	94·4	...	97	29	76·8	...	73	4days	0·54	2·36	...	1·02	13	4	...	4·9	2·9	...	5	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	93·5	...	96	26	76·6	...	72	26	1·05	1·72	...	0·73	22	4	...	1·3	1·5	...	8	0	0	2	0	0	0	0	0	0
Bahraich	92·4	+1·2	96	4days	78·2	+1·7	75	24,29	1·68	3·72	−4·86	2·10	4	5	−2·3	3·3	2·1	+0·1	5	0	0	2	0	0	0	0	0	0
U. P., West																												
Jhansi	92·2	+0·5	97	25	76·1	+0·7	72	13	0·64	4·77	−1·13	3·66	1	3	−4·0	3·3	4·3	−1·3	4	0	0	0	0	0	0	0	0	0
Agra	95·6	+2·7	98	19,25	76·8	+0·6	72	27,30	0	0·25	−4·32	0·26	13	1	−4·6	2·3	2·0	−1·4	1	0	0	0	0	0	0	0	0	0
Mainpuri	95·6	+2·7	99	20,25, 26	76·2	+0·6	73	4days	0·85	1·49	−3·60	0·61	13	4	−2·4	...	...	...	6	0	0	0	0	0	0	0	0	0
Aligarh	96·6	+4·3	100	4days	75·5	−0·4	71	27,29	0·06	0·06	−5·33	0·06	2	0	−6·1	...	...	...	1	0	0	0	0	0	0	0	0	0
Bareilly	95·7	+4·8	99	20	76·1	+0·4	72	26,27	0·31	1·05	−6·45	0·52	12	2	−4·8	4·2	2·3	+0·7	5	0	0	1	2	0	0	0	0	0
Meerut	95·5	+3·7	98	19,20	...	...	...	...	...	0	−5·86	0	...	0	−5·1	...	4·8	...	0	0	0	0	0	0	0	0	0	0
Roorkee	93·9	+3·4	97	20,21	73·5	+0·4	67	26	0	0	−6·37	0	...	0	−6·0	2·0	3·1	+1·4	0	0	0	0	0	0	0	0	0	0
DehraDun	87·8	+3·0	91	9,19	71·2	+1·7	66	27,28	1·97	4·96	−5·66	1·92	2	4	−6·9	2·8	2·0	+0·4	8	0	0	4	0	0	0	0	0	0
Punjab (I)																												
New-Delhi	96·3	+2·8	98	8days	77·8	+2·3	72	27,29	0	0	−4·84	0	...	0	−4·6	12·3	8·1	...	0	0	0	0	0	0	0	0	0	0
Hissar	99·6	+2·9	103	12	74·3	−0·2	68	27	0·23	0·34	−2·47	0·23	28	2	−1·1	6·2	4·8	+0·7	2	0	0	0	0	0	0	0	0	0
Karnal	95·2	...	97	20.24, 25	75·2	...	69	27,28, 29	0	0	...	0	...	0	...	4·3	2·5	...	0	0	0	0	0	0	0	0	0	0
Ambala	98·9	+4·9	101	10,11, 13	76·7	+2·8	69	28	0	0	−5·11	0	...	0	−4·7	5·1	3·2	+1·0	0	0	0	0	0	0	0	0	0	0
Patiala	98·7	...	102	11	74·7	...	68	28,29, 30	0	0	−8·77	0	...	0	...	6·3	4·7	...	0	0	0	0	0	0	0	0	0	0
Ludhiana	99·5	+4·6	102	12,13	75·3	+0·5	70	28,30	0	0	−3·95	0	...	0	−3·8	2·5	1·5	+0·3	0	0	0	0	0	0	0	0	0	0
Ferozepur	98·4	...	102	12	74·1	...	69	28,29	0	0	...	0	...	0	...	2·3	1·0	...	0	0	0	0	0	0	0	0	0	0
Amritsar	98·0	...	101	2	72·5	...	67	30,31	0	0	..	0	...	0	...	6·3	5·0	...	0	0	0	0	0	0	0	0	0	0
Pathankot	95·4	...	98	12	69·5	...	63	28	0·05	1·80	...	1·75	5	1	...	2·2	1·8	...	2	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	83·7	+0·2	91	20	54 2	+0·7	47	24,30	0·58	0·93	−0·60	0·40	27	4	+0·5	1·3	2·2	+0·2	5	0	0	3	0	0	0	0	0	0
Gulmarg	65·4	+1·9	73	17	40·3	−2·8	34	22,29	...	1·81	−0·81	0·96	21	6	+0·7	...	3·3	+0·4	10	0	0	13	0	0	0	0	0	0
Sonamarg	...	...	...	...	...	...	...	...	...	1·91	−1·09	0·54	22	8	+0·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	71·7	+2·0	80	2	41·7	−0·1	33	24	0	0	−0·27	0	...	0	−0·9	4·2	3·7	+1·9	0	0	0	0	0	0	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez	...	...	...	...	...	...	...	...	...	0·58	−1·28	0·30	28	2	−3·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	91·1	−0·8	96	2	72·3	−2·8	69	5,27	...	0·42	−3·09	0·35	5	1	−3·1	...	...	...	3	0	0	1	0	0	0	0	0	0

(R) Register not received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
Rajasthan, West																													
Sri Ganganagar ...	101·3	+1·3	105	2,3	75·7	+1·6	72	31	0	0	−0·12	0	...	0	−0·5	5·3	2·3	−3·3	0	0	0	0	0	2	0	0	0		
Bikaner ...	97·5	+0·1	101	3,12	76·7	−0·4	70	30	0	0	−1·31	0	...	0	−2·1	7·2	6·6	+1·2	0	0	0	0	0	0	0	0	0		
Jaisalmer ...	96·7	...	100	30	73·9	...	72	5days	0	0	...	0	...	0	...	15·5	13·7	...	0	0	0	0	0	0	0	0	0		
Jodhpur ...	94·7	+0·5	101	30	74·1	−0·7	72	5days	0	0	−2·40	0	...	0	−2·8	7·4	5·4	...	0	0	0	0	0	0	0	0	0		
Phalodi ...	94·2	...	97	12	84·2	...	87	4days	0	0	−0·95	0	...	0	−1·7	12·7	12·5	...	0	0	0	0	0	0	0	0	0		
Barmer ..	94·7	+0·5	101	30	75·5	−0·2	72	21	0	0	−0·73	0	14	0	...	6·3	6·9	+1·2	0	0	0	0	0	0	0	0	0		
Rajasthan, East																													
Sikar ...	95·2	...	98	12,24	71·9	...	64	28	0	0·08	...	0·08	27	0	...	8·2	5·6	...	1	0	0	0	0	0	0	0	0		
Jaipur ...	94·6	+1·5	98	24,25	73·5	+0·7	69	28	0	0·17	−3·05	0·08	26	0	−4·7	6·5	4·6	+0·6	3	0	0	1	0	0	0	0	0		
Jaipur (Sanganer Aerodrome) ...	94·4	...	97	5days	74·2	...	70	28	0	0·18	...	0·12	27	0	...	10·3	7·5	...	2	0	0	0	0	0	0	0	0		
Ajmer ...	92·0	+2·0	97	30	76·2	+1·7	68	28	0	0·03	−2·67	0·03	13	0	−4·0	7·7	6·6	+2·5	1	0	0	1	0	0	0	0	0		
Kotah ...	94·0	+1·7	96	5days	77·6	+1·2	74	28	0·37	1·18	−3·53	0·81	21	2	−3·7	5·0	4·7	+2·1	2	0	0	0	0	0	0	0	0		
Jhalawar ...	92·2	+2·8	96	4days	73·9	+0·6	69	15,28	0·15	0·30	−5·93	0·15	2,26	2	−4·9	4·5	3·5	+0·4	2	0	0	1	0	0	0	0	0		
Udaipur ...	88·3	+0·7	92	30	79·6	−1·6	65	27	1·40	1·40	−2·45	0·80	25	3	−2·4	4·4	2·5	...	3	0	0	0	0	0	0	0	0		
Madhya Bharat																													
Gwalior (P.B.O.) ...	91·6	+1·5	95	24,25, 30	77·6	+1·6	71	13,28 29	1·08	1·28	−6·09	1·25	13	1	−6·4	5·2	5·3	...	3	0	0	2	0	0	0	0	0		
Sheopur Kalan ...	92·7	...	98	24	74·1	...	69	28	0	0	...	0	...	0	...	4·0	2·3	...	0	0	0	0	0	0	0	0	0		
Guna ...	90·3	+3·2	94	5days	72·3	+0·8	69	6	0·03	0·42	−8·99	0·18	21	3	−5·6	8·7	4·9	+1·0	4	0	0	1	0	0	0	0	0		
Neemuch ...	89·7	+1·8	95	30	71·7	+0·5	68	16	0·03	0·35	−4·62	0·32	13	1	−5·3	6·4	6·0	0	2	0	0	2	0	0	0	0	0		
Ratlam ...	88·0	...	95	30	71·1	...	67	28	1·23	1·41	...	0·70	30	3	...	6·8	4·7	...	4	0	0	1	0	0	0	0	0		
Indore ...	88·1	+2·7	92	30	69·2	−0·3	65	26,27	0·92	1·53	−4·93	0·75	24	2	−6·4	8·8	6·6	−0·7	9	0	0	2	0	0	0	0	0		
Bhopal (Bairagarh) ...	88·3	+2·4	93	20,24	71·3	−0·1	67	27	0·14	1·19	−9·23	0·75	4	4	−6·2	8·9	6·9	+0·4	6	0	0	2	0	0	0	0	0		
Vindhya Pradesh																													
Nowgong ...	92·3	+2·0	97	27	74·9	+0·1	69	12	1·33	3·35	−2 46	1·02	1	5	−2·2	4·3	2·6	+0·8	5	0	0	2	0	0	0	0	0		
Sutna ...	89·4	+1·2	94	27,28	75·8	+1·0	70	12	3·00	4·66	−2·23	1·91	15	5	−3·9	4·8	3·1	−0·2	8	0	0	6	0	0	0	0	0		
Umaria ...	87·1	+0·7	92	27	73·1	0	70	13	3·70	7·91	−1·22	1·66	1	9	−1·4	3·6	2·1	−1·1	10	0	0	5	0	0	0	0	0		
Madhya Pradesh, East																													
Gondia ...	87·7	...	93	28,29	74·7	...	69	11	2·89	6·83	...	1·33	7	10	...	4·0	2·5	...	13	0	0	2	0	0	0	0	0		
Pendra ...	84·9	+1·3	89	28	72·0	+1·5	69	13,26, 27	1·69	6·60	−1·30	2·00	4	10	−1·3	4·8	3·4	+0·2	15	0	0	7	0	0	0	0	0		
Raigarh ...	88·3	...	94	27,28	76·2	...	71	12	6·29	14·39	...	2·67	17	16	...	3·8	3·1	...	21	0	0	0	0	0	0	0	0		
Ambikapur ...	84·7	...	88	27,28	71·7	...	67	28	2·26	11·76	...	2·92	3	11	...	7·0	4·5	...	16	0	0	0	0	0	0	0	0		
Champa ...	89·1	...	94	28	76·7	...	74	4	6·34	11·79	...	3·44	17	14	...	4·9	3·9	...	17	0	0	14	0	0	0	0	0		
Raipur ...	87·0	−1·1	93	28	75·1	+0·1	71	9,30	1·43	15·10	+7·41	3·80	5	13	+2·7	5·3	6·3	+1·6	17	0	0	8	0	0	0	0	0		
Kanker ...	84·0	−1·9	91	28	73·3	+0·4	69	10	6·82	19·77	+9·53	5·42	16	15	+2·7	5·4	4·3	+0·7	19	0	0	3	0	0	0	0	0		
Chanda ...	87·4	−1·5	93	2	74·6	+0·1	71	23	1·52	7·74	−1·17	2·05	16	12	+1·3	5·1	3·2	+0·1	16	0	0	4	0	0	0	0	0		
Sironcha ...	86·5	...	93	2,29	75·4	...	72	11,25	3·64	10·08	...	1·92	11	16	...	4·0	2·6	...	19	0	0	4	0	0	0	0	0		
Jagdalpur (P.B.O.) ..	82·5	−2 7	89	4days	71·1	−0·3	68	22	8·28	15·47	+5·09	2·59	3	17	+10·4	4·3	2·8	...	24	0	0	12	0	0	0	0	0		
Madhya Pradesh, West																													
Buddhana ...	33·7	...	89	7,11, 30	69·9	...	67	26	0·09	4·70	...	3·50	20	6	...	7·8	6·9	...	7	0	0	1	1	0	0	0	0		
Akola ...	91·0	+1·6	95	28,30,	74·6	+1·5	72	25	1·24	2·42	−3·38	0·90	25	5	−2·6	9·0	7·0	+2·1	8	0	0	2	0	0	0	0	0		
Amravati ...	89·4	+1·2	94	30	74·2	+1·7	72	21,25, 26	2·49	2·60	−3·44	1·67	8	2	−6·3	7·7	5·6	+1·3	12	0	0	10	0	0	0	0	0		
Yeotmal ...	87·4	...	91	10,15	71·3	...	68	21	2·28	7·27	...	2·10	25	9	...	8·4	7·1	...	13	0	0	0	0	0	0	0	0		
Khandwa ...	91·7	+3·3	97	29	74·2	+1·2	70	27	0	1·31	−4·38	1·00	22	3	−4·1	8·4	6·8	+1·8	4	0	0	3	0	0	0	0	0		
Hoshangabad ...	90·4	+3·7	95	19	74·4	+1·1	68	25	1·97	5·57	−2·79	3·30	25	5	−4·5	3·2	2·3	+0·2	12	0	0	2	0	0	0	0	0		
Sagar ...	87·6	+1·3	93	25	72·6	+1·2	68	13	1·22	1·88	−5·72	0·78	27	4	−5·6	12·9	10·5	+1·0	9	0	0	4	0	0	0	0	0		
Jabalpur ...	88·5	+1·4	93	4days	74·0	+1·7	71	13	1·53	4·25	−4·16	0·96	2	9	−0·7	5·7	3·7	+1·5	14	0	0	1	0	0	0	0	0		
Mandla ...	86·2	...	92	29	71·9	...	70	13,25, 30	2·58	8·20	...	2·89	5	13	...	5·3	2·9	...	14	0	0	5	0	0	0	0	0		
Seoni ...	86·1	+1·1	80	20	71·9	+1·5	66	13	0·88	4·92	−3·67	2·50	5	9	−1·9	6·2	3·7	+0·7	12	0	0	[illegible]	0	0	0	0	0		
Chhindwara ...	85·9	...	91	24	71·2	...	66	13	0·99	1·45	...	0·55	27	4	...	7·3	4·8	...	7	0	0	[illegible]	0	0	0	0	0		
Betul ...	84·2	...	88	30	70·5	...	68	4days	0·65	1·08	...	0·65	26	2	...	5·9	3·6	...	4	0	0	2	0	0	0	0	0		
Nagpur ...	89·8	0	95	28	74·2	0	70	11	1·29	2·46	−5·55	0·34	11	9	−1·6	6·3	4·4	...	17	0	0	11	0	0	0	0	0		

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa	92·9	...	99	30	72·5	...	69	29	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat	90·4	+1·7	101	30	75·9	0	72	15	0·55	1·35	− 4·45	0·30	10	6	-1·4	5·1	4·4	+0·6	12	0	0	0	0	0	0	0	0	0
Ahmedabad	93 0	+0·4	98	29	75·0	-0·3	73	6,8, 28	0	0	− 4·16	0	...	0	-5·2	4·7	3·6	−0·9	0	0	0	0	0	0	0	0	0	0
Dohad	89·2	+3·1	97	30	72·7	-0·2	71	6 days	0·03	0·18	− 5·45	0·12	24	1	-6·2	11·9	9·5	+3·0	3	0	0	2	0	0	0	0	0	0
Baroda	92·8	+2·2	100	29	·74·5	-0·1	71	15,28	0·10	0·21	− 5·75	0·11	5	2	-4·7	3·0	2·6	−0·8	2	0	0	1	0	0	0	0	0	0
Baroda (Aerodrome)	92·4	...	99	29	75·7	...	73	4 days	0·05	0·10	...	0·05	5,7	0	...	4·7	5·1	...	2	0	0	0	0	0	0	0	0	0
Broach	91·8	...	100	30	75·7	...	73	15,28	0·41	0·61	...	1·40	7	2	...	5·0	4·4	...	4	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj	89·9	−1·9	97	30	73·6	-1·1	72	17,25, 27	0	0	− 1·81	0	...	0	-2·2	8·8	6·7	−0·9	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.)	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	6·4	5·0	...	0	0	0	0	0	0	0	0	0	0
Dwarka	85·2	0	87	23,30	77·4	-0·3	76	5 days	0·04	0·06	− 1·41	0·04	8	0	-2·0	9·9	8·9	+0·4	2	0	0	0	0	0	0	0	0	0
Jamnagar	90·7	+1·3	96	30	71·8	-2·7	69	14,15, 25	0·07	0·07	− 2·16	0·06	7	0	-2·7	...	...	...	2	0	0	0	0	0	0	0	0	0
Rajkot	91·9	+0·1	96	29,30	71·5	-1·1	69	26	0·25	0·25	− 3·09	0·14	10	1	-3·9	10·8	9·4	+2·4	3	0	0	1	0	0	0	0	0	0
Rajkot (Aerodrome)	91·9	...	96	29,30	70·2	...	67	26	...	0·90	...	0·76	10	1	...	...	9·9	...	4	0	0	1	0	0	0	0	0	0
Veraval	85·6	...	91	29	75·2	...	71	27	0·23	0·91	-1·58	0·33	8	3	-0·9	11·7	10·6	+3·7	8	0	0	0	0	0	0	0	1	0
Bhavnagar	92·8	+0·4	97	29,30	74·3	-0·6	71	17	0·53	0·57	-3·29	0·34	10	2	-3·7	5·8	5·2	+0·1	3	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome)	91·5	...	97	4	74·5	...	70	17	...	0·41	...	0·15	6	2	...	...	10·9	...	6	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu	85·5	...	88	16	74·1	...	71	15	0·26	1·00	...	0·25	29	4	...	10·2	7·7	...	11	0	0	0	0	0	0	0	0	0
Bombay-(Colaba)	86·6	+1·1	89	29,30	75·9	+0·2	73	9.30	1·04	3·05	-7·34	1·08	9	5	-7·7	7·2	5·5	-1·5	14	0	0	2	0	0	0	0	2	0
Bombay-(Santa Cruz Arodrome)	85·8	+0·7	90	29	73·8	-0·3	72	4days	1·42	3·62	−6·77	0·86	6	8	-4·7	7·6	4·5	...	14	0	0	2	0	0	0	0	2	0
Alibag	85·0	+0·4	89	29	74·4	-1·6	73	9 days	...	4·45	-6·02	1·44	30	11	-3·5	...	4·2	-4·6	17	0	0	4	0	0	0	0	0	0
Harnai	83·2	...	86	16	75·3	...	71	9	1·31	5·83	...	3·44	3	9	...	8·0	6·0	...	14	0	0	0	0	0	0	0	0	0
Ratnagiri	85·0	...	87	30	74·1	...	72	13 15, 22	0·68	4·55	...	0·73	3	14	...	...	...	...	17	0	0	0	0	0	0	0	0	0
Devgad	85·5	...	88	16,17	74·7	...	72	6	0·26	3·41	...	0·75	19	9	...	7·6	6·8	...	12	0	0	0	0	0	0	0	0	0
Vengurla	85·4	...	91	28	73·1	...	71	15,16, 18	0·50	2·22	...	0·93	6	7	...	...	...	...	10	0	0	2	0	0	0	0	0	0
Marmagao	83·2	+0·5	86	25	74·6	-0·1	71	6	1·03	2·16	-5·50	0·46	5	8	-6·2	...	...	...	9	0	0	0	0	0	0	0	0	0
Honavar	85·4	...	87	5 days	72·9	...	70	14	0·77	2·46	-11·11	0·50	3	10	-6·6	3·2	2·3	...	14	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala	...	...	...	...	...	...	...	...	...	5·79	-21·56	1·10	12	14	-7·7	...	...	...	20	...	...	...	...	...	...	...	...	...
Jalgaon	92·6	...	97	29,30	73·8	...	70	13,26	0·11	2·80	-3·21	2·68	24	1	-6·7	10·8	9·7	...	4	0	0	2	0	0	0	0	0	0
Malegaon	90·2	+1·5	94	3,16,17	70·3	+0·1	65	26	0·80	2·76	-3·03	1·31	24	5	-2·7	5·2	4·2	-1·7	6	0	0	2	0	0	0	0	0	0
Deolali	83·9	...	91	30	68·0	...	65	13,26, 27	...	2·95	...	2·03	24	3	...	...	6·1	...	3	0	0	3	0	0	0	0	0	0
Ahmednagar	87·7	+1·6	94	30	69·0	+1·1	65	9,12,16	0·20	1·48	-5·06	1·08	24	2	-6·6	6·0	4·9	-1·3	4	0	0	0	0	0	0	0	0	0
Poona	86·4	+1·8	95	28	68·2	-0·7	64	13,14, 15	0·06	0·66	-4·63	0·35	30	2	-5·6	4·4	2·8	-3·9	7	0	0	3	0	0	0	0	0	0
Poona (Lohagaon Aerodrome)	86·0	...	93	30	66·9	...	60	22	0·70	0·41	...	0·35	23	1	...	...	...	...	2	0	0	4	0	0	0	0	0	0
Jeur	89·9	...	95	3,9,15	70·6	...	68	15,16	3·30	4·11	...	2·20	24	5	...	9·1	8·7	...	5	0	0	0	0	0	0	0	0	0
Sholapur	90·6	+1·9	96	9,10,16	71·0	0	67	29	2·84	5·11	-2·48	3·30	20	5	-4·1	8·4	6·8	+0·4	11	0	0	3	0	0	0	0	0	0
Miraj	88·1	+3·8	93	19,27	68·4	+0·5	64	13,14	0·05	0·69	-3·19	0·28	27	2	-3·7	10·3	8·5	+1·0	5	0	0	4	0	0	0	0	0	0
Kolhapur	84·9	...	91	27,30	67·5	...	64	13,14, 18	1·41	0·24	...	0·09	29	0	...	10·1	7·7	...	4	0	0	4	0	0	0	0	0	0
Bijapur	89·3	+1·9	93	10,13, 15	69·7	-0·1	66	13	0·60	3 80	-1·74	2·89	24	3	-5·0	6·0	6·1	+0·1	7	0	0	1	0	0	0	0	0	0
Belgaum	...	...	...	...	...	...	...	...	0·25	1·53	-3·27	0·72	28	4	-5·1	...	...	...	6	...	...	...	...	...	...	...	...	...
Gadag	87·7	+2·4	93	26	67·6	-1·2	63	19	1·44	1·48	-3·20	0·65	26	3	-3·4	9·0	8·0	-0·2	7	0	0	4	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad	86·9	+0·7	92	4 days	69·5	+0·3	65	13	0·52	4·20	-2 49	1·95	11	3	-6·0	7·7	7·2	+0·3	8	0	0	5	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome)	86·4	...	91	4 days	68·7	...	64	13	0·69	3·69	...	1·75	21	5	...	9·1	7·7	...	9	0	0	6	0	0	0	0	0	0
Parbhani	88·4	...	95	15,16	71·6	...	69	2,22	2·51	6·35	-1 70	1·18	25	10	+0·4	...	...	...	14	0	0	5	0	0	0	0	0	0
Ramagundam	84·7	...	92	15	75·5	...	73	26	0·81	5·32	...	1·26	9	9	...	2·6	2·3 (p)	...	13	0	0	0	0	0	0	0	0	0
Nizamabad	86·9	-0·7	92	3	72·8	-0·1	70	11,21	1·05	2·64	-6·27	0·45	11	9	-1·0	4·9	4·5	+1·4	16	0	0	4	0	0	0	0	0	0
Bidar	84·5	+0·4	90	4 days	70·2	+0·1	67	22	1·89	10·22	+1 68	3·36	22	11	0	9·1	6·9	−0·8	18	0	0	0	0	0	0	0	0	0

(p) Mean of 15 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	89·8	+1·2	95	4days	73·0	+1·5	70	20,22	1·86	3·62	−3·84	1·54	23	7	−3·1	9·7	8·4	+1·6	8	0	0	0	0	0	0	0	0	0
Raichur ...	91·2	+1·9	96	15,16	74·0	+1·4	70	22	0·83	4·16	−2·07	1·55	21	4	−5·4	8·0	7·7	+0·3	6	0	0	2	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	86·2	0	93	3	72·7	+1·3	69	25	1·34	3·44	−3·01	0·95	23	8	−1·5	8·7	6·0	−0·1	13	0	0	5	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	85·6	...	91	3,15, 16	72·2	...	69	25	1·77	3·49	...	1·18	23	7	...	10·8	7·6	...	12	0	0	5	0	0	0	0	0	0
Hanamkonda ...	87·3	−0·9	95	3	74·5	0	70	25	4·66	7·27	−0·07	1·42	9	12	+2·9	9·0	5·5	+1·2	19	0	0	10	0	0	0	0	0	0
Khammameth ...	90·6	...	98	16	77·0	...	74	6,22	2·18	2·86	...	1·05	23	6	...	5·8	3·4	...	7	0	0	3	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	95·8	+1·1	101	15,16, 19	78·4	+0·2	75	21	0	0·91	−3·55	0·46	4	3	−2·9	5·9	3·9	−0·4	3	0	0	1	0	0	0	0	0	0
Ongole ...	96·5	...	102	4days	80·1	...	76	20	0·36	0·68	...	0·40	20	3	...	7·8	5·2	...	4	0	0	0	0	0	0	0	0	0
Gannavaram ...	90·1	...	98	15	77·6	...	75	19,21 22	1·98	2·77	...	1·01	4	7	...	11·2	7·5	...	12	0	0	9	0	0	0	0	0	0
Masulipatam ...	90·1	−0·4	96	3,15, 16	79·3	+1·7	76	4days	2·39	3·09	−3·28	0·71	10	9	−0·9	7·2	5·6	+1·1	15	0	0	5	0	0	0	0	0	0
Kakinada ...	90·4	+0·6	97	3	78·5	+0·4	75	1,5	0·64	3·20	−2·96	2·15	1	6	−2·8	8·3	6·9	+2·7	7	0	0	0	0	0	0	0	0	0
Visakhapatnam ...	91·6	+1·1	97	14,15	76·0	−2·0	74	15	1·71	1·96	−4·59	0·70	15	6	−3·1	10·6	4·9	−0·5	12	0	0	9	0	0	0	0	0	0
Calingapatam ...	88·9	−0·9	94	16	77·9	−0·5	74	11,22	5·48	10·40	+3·47	2·50	21	11	+1·9	6·1	4·9	+0·4	14	0	0	5	0	0	0	0	0	0
Rentachintala ...	93·2	−0·5	100	15,16	77·4	+0·1	74	4	1·83	2·96	−1·80	1·01	23	7	−0·8	6·8	4·2	−1·7	9	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	87·9	...	93	19	70·5	...	68	12,24	0	3·43	...	1·35	27	5	...	8·3	6·2	...	6	0	0	5	0	0	0	0	0	0
Cuddapah ...	94·2	+0·6	99	16	78·1	+1·6	73	25	0	1·21	−4·83	0·58	25	3	−5·3	7·7	3·9	−1·0	4	0	0	0	0	0	0	0	0	0
Bellary ...	91·3	+0·8	96	19	73·2	+0·2	69	14	0·04	1·44	−3·43	1·20	26	2	−5·1	7·8	7·7	+1·4	4	0	0	2	0	0	0	0	0	0
Kurnool ...	90·9	+0·9	96	30	73·6	−0·4	70	22	0·14	2·14	−3·82	0·73	22	5	−4·2	7·0	5·9	−0·2	5	0	0	1	0	0	0	0	0	0
Anantapur ...	93·1	...	97	18,19	73·9	...	69	26	0·16	2·03	−4·25	1·50	26	4	−2·9	8·7	8·2	...	6	0	0	2	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	99·8	...	104	19	79·5	...	77	29	0·38	0	−0·80	0·42	23	1	−1·2	9·5	7·8	...	2	0	0	5	0	0	0	0	0	0
Pamban ...	87·5	−1·7	91	23	79·5	+0·8	77	28	0	0	−1·14	0	...	0	−1·9	9·0	9·7	+1·9	0	0	0	0	0	0	0	0	0	0
Mathurai ...	98·3	+4·5	101	4days	76·1	+0·2	71	28	0·74	2·92	−1·78	1·36	27	6	−0·5	6·3	3·6	+0·4	8	0	0	5	0	0	0	0	0	0
Nagapattinam ...	93·3	+0·6	98	6	79·2	+1·8	78	3	0	0·81	−2·49	0·81	9	1	−4·1	7·1	5·7	+0·9	1	0	0	0	0	0	0	0	0	0
Tiruchirapalli ...	96·4	+2·3	101	20	78·0	+1·8	76	28	0	0·02	−4·70	0·02	21	0	−6·0	13·3	11·6	+1·0	1	0	0	0	0	0	0	0	0	0
Coimbatore ...	86·3	−2·4	93	24	71·1	+0·2	69	13,18, 19	1·19	1·40	−0·19	1·15	28	2	−1·3	11·3	8·8	+4·1	2	0	0	2	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	90·8	...	95	28	70·7	...	68	14	0·65	0·91	...	0·45	28	3	...	17·3	16·8	...	4	0	0	5	0	0	0	0	0	0
Salem ...	95·2	+3·4	99	18,20 24	74·9	+1·9	71	26,28	0·80	5·38	−0·69	3·57	26	4	−4·5	4·1	4·2	+1·1	4	0	0	8	0	0	0	0	0	0
Kallakurichi ...	96·7	...	100	20	77·6	...	72	12	0	1·71	...	1·37	12	2	...	...	...	...	2	0	0	2	0	0	0	0	0	0
Cuddalore ...	93·2	+0·7	99	15	79·0	+2·2	75	26	0	0·67	−4·54	0·67	26	1	−5·2	7·9	7·2	+3·3	1	0	0	1	0	0	0	0	0	0
Vellore ...	96·0	+3·8	100	5days	77·6	+2·3	73	26,27	0	0·71	−6·17	0·34	24	2	−6·1	8·6	4·1	+1·0	5	0	0	4	0	0	0	0	0	0
Madras ...	95·1	+1·2	99	5days	78·9	+1·7	75	7	0·41	0·84	−3·84	0·41	23	3	−4·0	11·6	8·3	+0·3	4	0	0	2	0	0	0	0	0	0
Madras (Nungambakkam) ...	95·0	...	100	20	79·3	...	74	20	...	1·17	...	0·58	20	2	...	...	4·9	...	3	0	0	1	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	84·4	+0·1	87	25	74·0	−0·3	71	14	0·18	1·48	−9·00	0·61	7	3	−12·5	4·8	4·0	+0·1	9	0	0	1	1	0	0	0	0	0
Kozhikode ...	87·2	+2·8	93	29	74·4	−0·3	72	14,18, 19	0·13	0·75	−7·19	0·36	4	3	−8·7	7·7	5·4	+0·1	4	0	0	2	0	0	0	0	0	0
Palghat ...	88·4	...	94	28	73·5	...	71	18,19	0	0·62	...	0·43	28	2	...	8·5	6·5	...	3	0	0	3	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	86·3	+2·0	90	20,26	67·2	−0·8	63	14	0·41	3·08	−1·29	1·64	28	6	−1·1	8·4	7·0	+1·1	6	0	0	3	0	0	0	0	0	0
Shimoga ...	84·9	...	91	26	67·2	...	61	13,14	0·35	0·81	...	0·50	28	2	...	5·3	3·5	...	4	0	0	3	0	0	0	0	0	0
Hassan ...	82·1	+1·1	86	26,28, 30	63·2	−1·6	58	14	0·58	2·77	−1·56	1·35	30	5	−3·1	8·9	7·3	+2·2	6	0	0	5	0	0	0	0	0	0
Bangalore (Central Observatory) ...	83·4	+1·3	88	20,24	65·4	+0·1	63	14	0·35	2·96	−3·70	1·21	25	4	−4·9	...	...	...	6	0	0	6	0	0	0	0	0	0
Bangalore (Aerodrome) ...	84·7	...	89	20,26	65·9	...	63	14	0·15	1·73	...	1·44	28	3	...	...	...	...	5	0	0	6	0	0	0	0	0	0
Mysore ...	86·0	+2·5	91	14	65·7	−0·9	62	3	0·03	3·23	−1·72	2·96	26	2	−6·2	6·8	5·6	−0·4	4	0	0	2	0	0	0	0	0	0
Balehonnur ...	78·0	+1·6	83	4days	63·0	−1·5	58	14	...	3·72	−3·96	1·35	30	8	−8·0	...	...	...	10	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	83·4	+0·4	86	23,29	75·1	−0·3	73	19	0·12	2·01	−5·66	0·69	23	4	−9·7	8·1	5·8	+1·4	12	0	0	2	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	85·6	...	88	25,27	74·4	...	72	19	0·05	2·31	...	0·47	3,23	8	...	5·3	3·2	...	14	0	0	1	0	0	0	0	0	0
Alleppey ...	86·2	...	89	25	74·7	...	72	4,19	0·99	4·40	...	2·10	4	7	...	9·3	6·3	...	14	0	0	0	0	0	0	0	0	0
Trivandrum ...	87·5	+2·0	91	27	74·3	+0·3	73	5days	0·22	1·20	−3·31	0·77	24	3	−5·1	10·3	6·8	+1·0	8	0	0	6	0	0	0	0	0	0
Nagercoil * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observatory closed from 1-9-52.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena—No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	77·4	...	81	9	65·4	...	62	29	3·78	12·81	...	2·70	16	19	...	1·8	2·1	...	30	0	0	10	8	0	0	0	0	0
Shillong ...	73·2	-1·1	78	7,10	62·5	+0·9	57	30	7·69	11·98	+0·19	1·72	8	17	-0·3	0·8	0·5	-1·0	26	0	0	13	1	0	0	0	0	0
Cherrapunji ...	70·0	-3·3	75	16,27, 29	62·8	-1·8	59	25	10·64	43·91	+5·56	5·09	23	26	+6·8	5·9	6·1	+2·2	28	0	0	0	20	0	0	0	0	0
Darjiling ...	64·8	+0·2	70	14	56·4	+0·4	52	24	10·80	30·37	+11·47	13·45	23	21	+4·0	4·5	4·7	+1·5	27	0	0	2	29	0	0	0	0	0
Darjiling (Raj Bhawan) ...	65·9	...	72	10,16	58·1	...	54	23,24, 30	9·78	31·59	...	14·11	23	21	...	1·5	1·6	...	26	0	0	4	30	0	0	0	0	0
Kalimpong ...	73·4	-1·3	78	1,10	66·5	+0·7	62	23,24	6·46	24·10	+12·78	8·00	23	18	+7·3	1·8	0·9	-4·7	18	0	0	2	13	0	0	0	0	0
Katmandu ...	82·1	-0·5	88	9,18	64·2	-1·5	60	30	3·19	8·61	+1·45	1·85	4	11	-2·3	1·1	0·4	-0·4	18	0	0	8	7	0	0	0	0	0
Mukteswar (Kumaon) ...	69·9	+2·2	74	19	55·8	+0·7	51	29	1·33	1·94	-5·99	0·70	14	5	-5·1	8·7	8·2	+3·2	7	0	0	5	0	0	0	0	0	0
Lokpal ...	46·7	...	48	8 days	35·4	...	32	30	...	4·19	...	0·70	1	15	...	...	...	...	6	0	0	12	0	0	0	0	0	0
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	4·52	...	1·30	2	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	68·9	+1·4	73	23,24	58·8	+1·5	54	27	0·73	5·41	-4·54	1·96	1	5	-7·8	2·9	1·7	-2·1	10	0	0	2	0	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	3·61	...	0·65	23	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	3·24	...	0·62	14	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	70·2	+1·8	75	14	56·7	+0·4	51	28	0·61	0·73	-5·95	0·50	28	1	+8·3	2·2	1·4	-1·1	6	0	0	1	0	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	0·35	-6·76	0·35	28	1	-6·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	0	-1·61	0	...	0	-2·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	1·42	...	0·75	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	0·91	...	0·53	20	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	76·9	...	79	4 days	59·3	...	52	5	1·82	3·42	-3·43	1·43	5	3	-5·3	1·3	1·4	...	6	0	0	1	0	0	0	0	0	0
Dharamshala ...	81·8	...	83	10days	69·0	...	65	28	1·08	5·06	...	1·93	1	6	...	...	...	...	6	0	0	12	0	0	0	0	0	0
Pachmarhi ...	79·5	+2·0	84	19	67·5	+1·4	63	12	2·05	7·36	-6·83	2·48	5	9	-4·1	4·7	3·9	-0·5	15	0	0	3	4	0	0	0	0	0
Abu ...	75·6	+0·4	83	30	63·9	-0·9	62	5 days	0	0·68	-8·69	0·68	24	1	-6·6	4·8	3·8	-1·6	1	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	69·5	+1·7	81	30	59·2	-1·6	56	4 days	3·20	6·57	-22·17	1·09	3	13	-9·6	5·5	5·5	-2·3	23	0	0	2	18	0	0	0	0	0
Nandi Hills ...	69·0	...	74	6,11	57·4	...	56	5 days	...	2·18	...	1·70	28	2	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Mercara ...	73·4	+1·6	78	26	61·2	-0·6	59	4 days	1·55	4·26	-6·82	1·04	26	9	-9·2	7·6	6·9	+1·7	13	0	0	2	0	0	0	0	0	0
Kodaikanal ...	64·1	+1·4	67	5,7,13	52·3	+0·3	50	27	2·18	4·24	-3·04	1·41	24	9	-2·9	7·7	7·9	+0·6	13	0	0	6	0	0	0	0	0	0
Ootacamund ...	66·6	+2·0	69	26,29	49·8	-1·2	46	13	3·23	3·94	-1·89	2·17	28	4	-8·0	4·4	3·3	-0·2	10	0	0	4	0	0	0	0	0	0
Coonoor ...	70·3	-0·8	73	11days	54·4	-2·1	52	5 days	...	1·22	-2·34	0·48	1	4	-3·0	...	4·9	+1·4	5	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	6·25	...	0·70	26,27	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	13·41	...	1·27	20	25	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	42·0	...	39	4 days	...	9·59	...	0·98	26	29	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	65·1	+2·4	69	1,2,10	47·4	+0·3	42	28	...	6·75	+2·40	1·60	23	19	+8·0	...	...	...	19	0	0	0	0	0	0	0	0	0
Lhasa ...	74·1	...	84	14	46·5	...	40	28	...	3·60	...	0·67	1	8	...	...	0·1	...	10	0	0	3	0	0	0	0	0	0
Gyantse ...	67·8	+0·7	78	9	40·8	+1·0	34	26,29	...	2·59	+1·30	0·67	17	6	+1·5	...	1·5	-0·9	11	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	87·2	+1·2	89	16,21, 22	76·7	+0·1	73	28,30	1·17	7·34	+1·67	2·15	24	9	+0·2	...	...	...	14	0	0	1	0	0	0	0	0	0
Trincomalee ...	94·1	+2·1	98	20	77·7	+1·0	75	30	0	0·86	-3·03	0·77	8	1	-4·4	...	...	...	3	0	0	0	0	0	0	0	0	0
Batticoloa ...	90·0	...	97	2,5	76·4	...	74	17	0	0·26	...	0·20	14	1	...	...	...	...	2	0	0	0	0	0	0	0	0	0
Hambantota ...	87·9	+1·3	92	5	76·7	+0·7	75	4 days	0·03	0·31	-2·35	0·25	23	1	-3·8	...	...	...	3	0	0	3	0	0	0	0	0	0
Mannar ...	87·9	...	92	28	78·7	...	76	29,30	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	89·4	...	94	16	76·2	...	73	23	8·03	10·44	...	4·65	11	13	...	4·4	2·9	...	20	0	0	17	0	0	0	0	0	0
Hazaribagh ...	84·2	...	87	3	72·2	...	69	22,23	4·14	10·11	...	4·05	11	12	...	5·1	3·4	...	19	0	0	11	3	0	0	0	0	0
Dhanbad ...	89·2	...	93	16	75·3	...	73	16,22, 23	3·75	8·89	...	2·90	7	11	...	6·1	4·5	...	16	0	0	17	4	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	88·8	...	94	24	75·5	...	72	28	5·11	8·07	...	1·18	11	21	...	17·6	1·4	...	21	0	0	0	0	0	0	0	0	0
Hirakud ...	88·4	...	95	28	76·7	...	72	22	8·92	16·57	...	3·74	1	20	...	15·3	0·6	...	20	0	0	0	0	0	0	0	0	0
Barkachhar ...	84·8	...	101	17	73·6	...	71	9,10,11	8·93	23·61	...	7·55	5	16	...	4·3	4·0	...	16	0	0	0	0	0	0	0	0	0
Sonepur ...	88·1	...	92	26,28	77·5	...	73	22,23	...	17·69	...	3·18	17	22	...	...	4·0	...	22	0	0	0	0	0	0	0	0	0
Ginabahar ...	86·8	...	96	4	72·9	...	69	12,13, 27	...	10·58	...	1·64	1	16	...	...	...	...	18	0	0	0	0	0	0	0	0	0
Jonk ...	87·0	...	92	28	75·5	...	72	21	2·51	8·27	...	1·72	17	15	...	3·6	2·8	...	20	15	0	0	0	0	0	0	0	0

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—SEPTEMBER 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	75·4	...	80	10,24	57·5	...	51	28	...	1·29	...	0·70	26	2	...	...	...	...	7	0	0	3	0	0	0	0	0	0
Badrinath ...	65·7	...	69	1	46·7	...	45	19,20	...	0·29	...	0·11	10	1	...	...	...	...	4	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
				18																								
Punasa ...	92·0	...	96	19,29	73·3	...	68	27	0·24	1·10	...	0·64	22	3	...	5·0	4·7	...	6	0	0	6	0	0	0	0	0	0
Bagra Tawa ...	89·3	...	93	18,20	74·6	...	72	21	0·30	2·69	...	1·17	21	5	...	4·9	3·6	...	13	0	0	0	0	0	0	0	0	0
Thikri ...	92·7	...	97	29,30	73·0	...	66	28	...	0·24	...	0·12	23	2	...	...	...	...	3	0	0	3	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	89·7	...	92	18,28	72·4	...	69	26	...	1·20	...	0·72	24	3	...	...	...	...	3	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	86·3	...	92	30	66·2	...	63	4 days	...	0·48	...	0·48	23	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Dharoi ...	90·0	...	97	30	66·0	...	65	15days	..	0·41	...	0·41	27	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1008·9	999·9	...	76·1	74·8	74·2	28·6	94	...	5·8	...	5·1	0	1	28	0	0	0	0	0	16	11	2	1
	0830	,,	1010·3	1001·5	+0·8	81·8	77·3	75·4	30·0	81	- 3	6·3	+0·1	10·3	0	8	21	0	0	1	0	0	13	14	1	1
	1130	,,	1009·1	1000·2	...	83·2	77·2	74·4	29·2	76	...	6·2	...	12·0	0	10	19	0	1	1	0	0	15	11	1	1
	1730	,,	1007·9	999·0	...	79·1	76·0	74·5	29·4	86	...	5·8	...	7·0	0	2	28	0	1	0	0	0	14	15	0	0
	2330	,,	1009·4	1000·4	...	76·6	75·1	74·3	29·1	93	...	4·6	...	6·0	0	2	28	0	0	0	0	1	20	7	2	0
Assam																										
Dibrugarh ...	0830	348	1007·4	995·5	-0·7	79·3	76·9	76·0	30·3	90	+ 4	6·4	+0·6	1·5	0	0	22	4	3	7	1	1	1	0	5	8
	1730	,,	1003·6	991·7	...	80·0	77·4	76·4	31·1	89	...	5·1	...	0·7	0	0	10	2	1	3	0	1	0	2	1	20
Dibrugarh (Mohanbari Aerodrome)	0530	364	1006·5	993·9	...	75·8	75·0	74·5	29·0	96	...	7·5	...	0·7	0	0	10	0	7	3	0	0	0	0	0	20
	0830	,,	1008·0	995·4	...	79·0	76·5	75·4	30·0	89	...	7·7	...	2·0	0	0	24	3	17	1	1	0	1	1	0	6
	1130	,,	1006·6	994·1	...	82·1	77·7	75·7	30·3	82	...	7·0	...	2·4	0	0	26	4	13	2	0	0	1	1	0	4
	1730	,,	1004·1 (d)	991·7	...	80·9 (d)	77·4	75·8	30·5 (d)	86 (d)	...	6·3 (d)	...	0·7 (d)	0	0	6	0	6	0	0	0	0	0	0	24
	2330	,,	1005·9	993·2	...	77·4	76·1	75·5	29·9	94	...	6·7	...	1·1	0	0	9	0	8	0	0	0	0	0	1	18
Sibsagar ...	0830	317	1007·9	997·0	-0·1	79·9	77·5	76·6	31·0	90	+ 3	7·4	+0·7	2·5	0	0	29	3	14	1	2	5	2	1	1	1
	1730	,,	1003·9	993·1	...	82·6	78·9	77·4	32·4	85	...	6·1	...	3·3	0	0	24	9	8	1	1	2	2	0	1	6
Tezpur ...	0830	258	1007·8	998·9	-0·4	80·3	78·3	77·5	32·2	91	+ 5	6·2	+0·4	1·9	0	0	26	0	2	20	1	0	0	1	2	4
	1730	,,	1003·2	994·4	...	84·6	80·0	78·0	33·1	81	...	4·6	...	1·2	0	0	18	0	2	10	2	0	0	3	1	12
Tezpur (P.B.O.) ...	0530	257	1006·1	997·2	...	77·7	76·5	75·9	31·0	91	...	7·2	...	0·6	0	0	9	1	1	2	0	1	3	1	0	21
	0830	,,	1007·7	998·8	...	81·1	78·2	76·8	31·5	87	...	7·1	...	1·6	0	0	16	0	4	7	0	2	2	1	0	14
	1130	,,	1006·2	997·5	...	84·5	78·9	76·6	31·3	77	...	5·7	...	2·3	0	0	25	2	3	7	3	2	6	2	0	5
	1730	,,	1003·7	994·9	...	82·7	78·6	76·8	31·7	83	...	5·7	...	0·7	0	0	9	0	1	4	1	2	0	1	0	21
	2330	,,	1006·2	997·3	...	78·8	77·3	76·6	31·3	93	...	5·8	...	0·9	0	0	12	1	4	2	1	2	1	1	0	18
Gauhati ...	0830	182	1007·1	1000·9	-0·2	82·3	78·7	77·1	32·0	85	+ 3	6·3	+0·9	1·9	0	0	26	3	6	6	1	1	4	5	0	4
	1730	,,	1002·4	996·2	...	83·5	78·8	76·8	31·8	81	...	5·6	...	1·4	0	0	20	1	4	2	3	4	4	1	1	10
Gauhati (Kaikuchi Aerodrome) ...	0530	162	1005·3	999·7	...	78·3	76·5	76·8	30·0	94	...	6·4	...	1·3	0	1	9	0	0	5	0	1	4	0	0	20
	0830	,,	1006·9	1001·3	...	82·8	79·0	77·7	31·8	85	...	6·3	...	2·8	0	1	18	1	6	6	1	1	1	1	2	11
	1130	,,	1005·3	999·8	...	85·1	79·6	78·1	32·0	81	...	5·2	...	4·4	0	0	27	3	8	6	0	1	2	2	5	3
	1730	,,	1003·3	997·7	...	82·9	79·0	77·7	31·9	84	...	6·1	...	2·3	0	1	16	0	2	4	1	5	4	1	0	13
	2330	,,	1005·6	1000·0	...	80·1	78·4	77·7	32·7	96	...	6·4	...	1·7	0	0	16	0	1	2	2	5	6	0	0	14
Dhubri ...	0830	115	1007·4	1003·1	-0·3	82·1	79·3	78·3	32·6	88	+ 3	6·4	+1·2	4·0	0	1	25	3	8	7	5	2	1	0	0	4
	1730	,,	1003·8	999·8	...	82·6	79·6	78·4	33·2	87	...	6·0	...	3·5	0	0	25	2	4	2	6	4	4	3	0	5
Silchar ...	0830	96	1008·0	1004·7	-0·1	81·1	78·3	77·0	31·5	88	+ 4	6·2	+0·4	0·2	0	0	3	1	1	1	0	0	0	0	0	27
	1730	,,	1004·2	1000·9	...	83·0	79·1	77·6	32·0	84	...	5·7	...	0·5	0	0	5	1	1	0	1	2	0	0	0	25
Tura ...	0830	1,215	1007·3	966·1	...	78·0	75·7	74·5	29·0	90	...	7·1	...	1·9	0	0	18	1	1	1	0	0	9	2	4	12
	1730	,,	1003·9	962·8	...	79·1	76·7	75·6	30·1	89	...	7·1	...	1·9	0	0	19	0	1	1	3	3	9	0	2	11
Lumding ...	0830	...	...	...	...	82·0	77·9	76·1	30·9	83	- 2	...	...	2·7	0	0	25	3	2	6	4	4	0	1	5	5
	1730	...	...	...	...	85·0	80·4	79·3	33·5	82	...	...	...	2·2	0	0	25	1	4	5	3	1	7	0	4	5
West Bengal																										
Dum Dum ...	0530	33	1003·7	1002·6	...	79·8	78·0	77·3	31·7	92	...	5·3	...	4·3	0	1	26	1	4	6	9	5	2	0	0	3
	0830	,,	1005·5	1004·4	...	84·2	79·1	76·8	31·8	79	...	6·5	...	7·3	0	0	29	1	2	8	10	4	2	1	1	1
	1130	,,	1004·8	1003·7	...	87·5	79·2	75·6	29·9	69	...	7·1	...	8·5	0	3	27	0	2	8	10	4	4	1	1	0
	1730	,,	1002·3	1001·2	...	84·2	79·0	77·0	31·8	79	...	6·9	...	5·7	0	1	26	0	1	1	6	12	4	2	1	3
	2330	,,	1004·8	1003·7	...	80·9	78·3	77·1	32·1	88	...	4·3	...	3·9	0	1	25	0	3	4	6	7	6	0	0	4
Calcutta ...	0830	21	1005·5	1004·8	-0·6	84·2	80·4	79·1	33·4	84	+ 1	5·8	+0·1	2·7	0	0	27	0	6	5	8	2	5	1	0	3
	1730	,,	1002·4	1001·7	...	84·5	79·9	77·9	32·9	81	...	6·3	...	2·5	0	0	21	0	0	2	7	8	3	1	0	9
Saugor Island ...	0830	10	1004·9	1004·6	-0·8	83·8	79·8	78·0	33·0	83	+ 2	6·0	-0·1	10·9	0	8	21	1	4	2	5	6	10	1	0	1
	1730	,,	1002·1	1001·8	...	83·8	79·8	78·1	33·0	83	...	6·2	...	11·9	0	9	21	1	0	1	7	11	10	0	0	0
Sandheads ...	0530	32	1003·6	1002 5	...	82·5	79·3	78·0	33·0	87	...	5·9	...	7·4	0	5	24	1	0	1	6	5	12	2	2	1
	0830	,,	1005·3	1004·2	-0·8	83·6	79·6	77·9	32·7	83	+ 4	6·0	+1·0	5·5	0	0	27	0	3	2	2	12	7	0	1	3
	1130	,,	1004·8	1003·7	...	84·3	79·8	78·0	32·7	81	...	6·0	...	7·3	0	6	22	2	1	0	4	10	11	0	0	2
	1730	,,	1002·7	1001·6	...	83·9	79·7	78·3	33·1	82	...	5·9	...	8·0	0	4	26	0	0	1	7	10	11	0	1	0
	2330	,,	1004·5	1003·4	...	83·5	80·0	78·4	33·4	85	...	1·4	...	7·9	0	5	25	0	0	1	5	10	12	2	0	0
Midnapore ...	0830	149	1005·3	1000·1	-0·7	83·5	79·6	78·1	32·6	83	+ 1	5·1	+0·6	2·9	0	0	17	4	4	1	1	6	0	1	0	13
	1730	,,	1002·0	996·9	...	83·8	79·6	78·0	33·0	83	...	6·7	...	1·4	0	0	16	1	1	0	2	8	4	0	0	14
Contai ...	0830	35	1003·7	1002·6	...	83·4	80·5	79·3	34·1	87	...	5·0	...	3·1	0	0	21	0	1	1	2	11	3	3	0	9
	1730	,,	1001·3	1000·1	...	84·3	81·2	79·7	35·2	90	...	5·1	...	4·5	0	0	25	0	0	1	3	19	2	0	0	5
Burdwan ...	0830	106	1004·5	1000·9	-1·5	83·9	79·5	80·8	32·3	80	- 3	3·3	-2·1	2·2	0	0	17	0	0	0	7	2	7	0	1	0	13
	1730	,,	1001·9	998·3	...	84·8	79·3	76·6	31·7	78	...	3·5	...	2·6	0	0	22	0	1	6	3	6	5	1	0	8
Krishnagar ...	0830	48	1005·6	1003·9	-0·4	85·0	80·9	79·7	34·3	83	+ 2	6·2	+0·8	2·9	0	0	30	1	3	3	5	15	2	1	0	0
	1730	,,	1002·5	1000·9	...	84·5	80·4	79·3	33·7	84	...	6·0	...	1·8	0	0	25	2	2	2	5	12	2	0	0	5
Asansol ...	0530	414	1003·5	989·4	...	78·2	77·3	77·0	31·5	96	...	4·9	...	1·3	0	0	11	1	0	2	4	3	0	0	1	19
	0830	,,	1005·1	991·0	-0·5	83·1	79·2	77·5	32·1	83	0	5·4	+0·2	3·0	0	0	23	0	1	5	11	2	1	1	2	7
	1130	,,	1004·4	990·5	...	87·1	80·5	77·7	32·7	74	...	5·9	...	4·1	0	0	29	2	2	7	9	2	2	1	4	1
	1730	,,	1001·7	987·7	...	83·6	79·1	77·2	32·0	82	...	6·1	...	2·9	0	0	20	2	0	6	9	0	0	2	1	10
	2330	,,	1004·5	990·3	...	79·3	77·8	77·1	31·8	93	...	4·9	...	2·1	0	0	16	0	0	2	12	1	0	0	1	14
Berhampore ...	0830	62	1005·5	1003·3	-0·9	83·2	79·8	78·7	33·0	85	+ 3	6·7	+1·3	2·7	0	0	22	0	0	0	7	4	8	2	1	0	8
	1730	,,	1001·8	999·7	...	85·0	80·4	78·6	33·5	82	...	7·0	...	2·2	0	0	19	1	1	6	3	5	0	1	1	11
Malda ...	0830	103	1005·8	1002·2	-0·4	83·1	79·6	78·2	32·9	85	+ 4	6·5	+2·3	3·6	0	0	28	2	3	5	6	7	3	1	1	2
	1730	,,	1002·3	998·8	...	84·7	79·9	78·0	33·1	81	...	6·0 [e]	...	2·9 [f]	0	0	25	1	4	7	7	4	1	0	1	5
Cooch-Behar ...	0830	145	1005·9	1000·9	...	82·5	78·5	76·9	31·4	83	...	6·5	...	3·4	0	0	18	1	0	5	7	3	2	0	0	7
	1730	,,	1003·2	998·4	...	84·0	79·1	76·9	31·6	80	...	6·3	...	3·1	0	0	19	0	0	8	2	3	6	0	0	11

(d) Mean of 27 days. [e] Mean of 26 days. [f] Mean of 25 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	(g) 1005·9	996·6	-1·2	(g) 79·4	76·9	75·7	(g) 30·4	(g) 89	+2	[g] 6·7	+2·3	[g] 3·7	0	1	20	1	9	9	2	0	0	0	0	3
	1730	,,	(h) 1001·9	992·7	...	(h) 84·6	79·5	77·2	(h) 32·3	(h) 79	...	[h] 5·6	...	[h] 3·2	0	0	20	2	2	6	5	4	1	0	0	3
Jalpaiguri (P.B.O.)	0530	271	(g) 1004·5	995·0	...	(g) 76·9	75·9	75·4	(g) 30·1	(g) 95	...	[g] 7·0	...	[g] 2·6	0	1	11	1	9	1	0	0	0	0	1	12
	1130	,,	(h) 1004·6	995·4	...	(h) 84·8	79·4	77·0	(h) 31·7	(h) 78	...	[h] 4·1	...	[h] 4·0	0	1	21	1	5	10	3	2	1	0	0	1
	2330	,,	(h) 1004·7	995·3	...	(h) 79·1	77·6	77·0	h) 31·6	93	...	[h] 5·8	...	[h] 2·7	0	1	14	1	3	10	0	0	1	0	0	8
Bagdogra ...	0530	416	1004·9	990·9	...	76·0	75·3	74·3	29·9	95	...	7·1	...	2·1	0	0	10	0	6	4	0	0	0	0	0	20
	0830	..	1006·5	992·3	...	80·9	77·0	75·2	29·0	84	...	6·7	...	5·2	0	1	22	1	13	9	0	0	0	0	0	7
	1130	,,	1005·5	991·4	...	84·9	78·5	76·2	30·2	76	...	6·3	...	5·9	0	4	22	1	8	14	1	1	1	0	0	4
	1730	,,	1002·7	988·6	...	81·7	78·3	76·8	31·4	85	...	5·9	...	2·0	0	1	12	2	3	3	1	1	0	1	2	17
Orissa																										
Balasore ...	0830	65	1004·8	1002·6	-0·9	83·2	79·4	77·7	32·2	84	+1	6·8	+1·6	2·9	0	0	25	2	7	0	0	4	9	0	3	5
	1730	,,	1001·9	999·6	..	83·2	79·3	77·7	32·2	84	...	7·4	...	2·8	0	0	26	1	1	1	8	8	4	1	2	4
Chandbali ..	0830	20	1005·7	1005·0	+0·2	83·3	79·8	78·5	33·2	82	-1	4·8	-0·6	2·0	0	0	26	3	1	2	4	1	5	6	4	4
	1730	,,	1002·5	1001·8	...	83·8	79·9	79·3	33·0	84	...	4·5	...	2·6	0	0	29	1	1	1	14	5	3	2	2	1
Puri ...	0830	20	1005·5	1004·8	-0·3	84·1	79·7	77·9	32·5	82	+2	5·7	+1·0	6·5	0	4	25	7	3	1	1	1	9	2	5	1
	1730	,,	1002·4	1001·7	...	84·1	79·3	77·3	31·7	80	...	6·0	...	9·7	0	7	23	3	1	1	3	7	12	1	2	0
Bhubaneswar ...	0830	150	1005·3	1000·0	...	83·1	79·0	77·4	32·1	83	...	5·5	...	4·4	0	0	29	2	3	2	0	1	6	9	6	1
	1130	,,	1004·5	999·3	...	86·2	80·8	77·7	33·3	76	...	5·8	...	5·3	0	2	26	3	2	3	1	1	9	4	5	2
Cuttack ...	0830	87	1005·2	1002·2	-0·9	82·5	78·4	76·6	31·4	83	+3	4·6	-0·4	0·4	0	0	3	0	0	0	0	0	0	1	2	27
	1730	,,	1002·6	999·6	...	84·3	78·9	76·4	31·1	78	...	5·5	...	0·7	0	0	5	0	1	0	1	0	1	1	1	25
Cuttack (P.B.O.) ...	0530	87	1003·7	1000·9	...	79·5	77·8	77·2	32·0	92	...	5·7	...	1·0	0	0	10	2	0	2	0	1	0	6	1	20
	0830	,,	1005·3	1002·1	...	83·8	79·8	77·9	33·0	83	...	5·7	...	2·1	0	0	21	2	3	2	0	2	4	6	2	9
	1130	,,	1004·5	1001·6	...	88·0	81·5	79·0	33·8	75	...	6·3	...	3·5	0	0	27	1	7	0	1	2	4	8	4	3
	1730	,,	1002·6	999·7	...	84·5	79·8	78·2	32·9	81	...	6·5	...	1·5	0	0	15	0	2	1	4	1	5	0	2	15
	2330	,,	1004·5	1001·7	...	80·1	78·8	77·9	32·7	91	...	3·5	...	1·2	0	0	11	0	2	0	0	1	3	5	0	19
Gopalpur ...	0530	56	1004·2	1002·3	...	79·3	77·4	76·7	31·1	92	...	5·6	...	2·7	0	1	16	7	0	0	0	0	2	2	6	13
	0830	,,	1005·9	1004·0	0	82·9	78·9	77·0	31·9	83	+2	5·7	+1·5	3·6	0	0	21	7	1	1	0	4	4	0	4	9
	1130	,,	1005·3	1003·3	...	86·5	80·4	77·2	32·8	75	...	5·5	...	5·7	0	1	28	5	1	3	6	8	2	2	1	1
	1730	,,	1003·1	1001·2	...	83·6	79·1	76·9	32·0	81	...	6·2	...	7·9	0	3	26	3	0	1	4	11	7	2	1	1
	2330	,,	1005·1	1003·2	...	80·5	78·1	77·0	31·6	89	...	4·7	...	3·4	0	0	21	4	1	0	0	2	7	3	4	9
Koraput ...	0830	2996	898·2	907·5	...	71·0	69·3	68·6	24·0	92	...	6·4	...	3·3	0	0	30	4	1	0	0	0	11	9	5	0
	1730	,,	895·6	904·8	...	72·6	69·9	68·2	24·1	89	...	7·2	...	3·9	0	0	30	7	2	1	0	0	3	12	5	0
Angul ...	0830	455	1005·9	990·3	+0·1	80·7	77·1	75·5	30·3	84	+2	6·3	+0·9	3·3	0	0	25	0	1	1	1	2	5	12	3	5
	1730	,,	1002·6	987·2	...	83·1	77·6	75·0	29·8	78	...	7·3	...	2·7	0	0	26	2	2	2	1	2	2	3	8	5	4
Sambalpur ...	0830	486	1005·2	988·6	-0·8	79·7	77·3	76·2	31·9	90	+8	5·9	+0·9	3·8	0	1	30	0	3	3	1	1	6	12	4	1	0
	1730	,,	1002·2	985·7	...	82·1	77·9	75·9	30·8	82	...	6·1	...	3·3	0	1	28	2	1	2	1	1	5	7	8	3	1
Jharsuguda ...	0530	726	1003·6	978·6	...	77·0	75·7	75·5	29·5	95	...	6·6	...	0·9	0	0	7	1	0	1	0	0	2	4	0	0	23
	0830	,,	1005·1	980·2	...	81·6	77·8	76·6	30·5	84	...	6·1	...	1·5	0	0	15	3	1	1	0	0	4	4	2	0	15
	1130	,,	1004·3	979·7	...	85·5	79·5	77·4	31·7	77	...	6·2	...	1·5	0	0	15	2	2	0	2	0	6	3	0	0	15
	1730	,,	1001·8	977·1	...	81·5	77·6	76·2	30·4	84	...	7·1	...	0·9	0	0	9	0	1	0	0	0	4	3	0	1	21
	2330	,,	1004·4	979·5	...	78·4	76·5	76·1	30·1	92	...	6·1	...	0·6	0	0	6	1	0	0	0	3	2	0	0	24
Titilagarh ...	0830	691	1006·1	982·6	...	79·1	75·5	74·0	28·7	85	...	5·5	...	2·5	0	0	28	2	1	1	3	7	8	3	3	2
	1730	,,	1002·6	979·1	...	81·2	76·7	74·9	29·3	81	...	6·2	...	2·0	0	0	29	4	2	2	1	9	5	4	2	1
Chota Nagpur																										
Purulia ...	0830	835	1005·2	977·1	...	82·2	77·5	75·5	30·4	81	...	5·7	...	2·9	0	0	30	2	5	1	8	5	3	3	3	0
	1730	,,	1001·9	973·9	...	83·6	78·3	75·8	30·4	78	...	6·8	...	3·2	0	0	27	1	3	2	9	6	2	1	3	3
Jamshedpur ...	0830	423	1005·1	990·6	-0·4	82·9	78·1	75·8	30·4	90	+9	5·3	-0·4	3·3	0	0	21	0	1	6	3	0	3	7	1	9
	1730	,,	1001·9	987·6	...	83·4	77·9	75·5	30·1	78	...	6·6	...	3·8	0	0	24	0	0	11	7	0	1	1	1	5
Jamshedpur(P.B.O.)	0530	423	1003·8	987·5	...	78·7	76·9	76·3	30·5	92	...	6·1	...	1·3	0	0	14	1	0	2	0	1	2	6	2	16
	0830	,,	1004·9	988·7	...	83·3	79·1	77·7	32·4	83	...	6·1	...	2·3	0	0	22	1	1	6	1	1	5	4	4	8
	1130	,,	1004·2	988·1	...	86·6	80·3	78·3	32·2	76	...	6·3	...	3·5	0	0	27	3	6	2	0	1	3	6	4	2	3
	1730	,,	1002·1	986·0	...	83·8	79·2	77·7	32·2	83	...	6·6	...	2·1	0	0	18	0	4	6	1	1	5	1	0	13
	2330	,,	1004·6	988·3	...	80·8	78·1	77·1	33·0	89	...	5·2	...	0·9	0	0	7	0	0	2	0	0	1	2	0	0	23
Chaibasa ...	0830	742	1004·9	979·7	-0·5	80·9	77·2	75·7	30·5	85	+4	6·7	+1·6	0·9	0	0	13	0	0	2	0	2	6	0	3	17
	1730	,,	1001·6	976·4	...	83·4	78·0	75·8	30·1	79	...	7·5	...	0·9	0	0	12	0	0	2	0	1	4	0	2	18
Ranchi ...	0830	2150	895·9	933·4	-0·3	77·5	74·0	72·3	27·1	85	+4	5·1	0	0·1	0	0	1	0	0	0	1	0	0	0	0	29
	1730	,,	893·7	931·0	...	78·2	74·3	72·5	27·1	83	...	6·1	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
Hazaribagh ...	0830	2006	895·5	938·2	-0·2	77·6	74·3	72·7	27·3	85	+4	6·2	+0·6	3·3	0	0	19	3	2	0	2	0	2	3	1	6	11
	1730	,,	893·0	935·4	...	79·5	75·1	73·2	27·8	81	...	6·5	...	4·2	0	0	25	5	4	0	4	2	1	2	7	5
Hazaribagh (C.W.)..	0530	2008	893·5	936·4	...	72·8	72·0	71·5	26·2	96	...	4·4	...	0·9	0	0	8	2	0	1	0	3	1	1	0	22
	0830	,,	895·6	938·1	...	73·5	74·8	73·2	28·2	84	...	5·5	...	2·5	0	1	16	6	1	0	1	0	6	1	2	0	13
	1130	,,	895·4	937·6	...	82·7	75·9	73·0	27·5	73	...	5·3	...	3·7	0	1	23	7	5	1	0	2	4	1	2	2	6
	1730	,,	892·8	935·2	...	78·5	74·8	73·1	28·2	84	...	6·2	...	1·1	0	0	12	3	1	0	0	1	2	1	2	2	18
	2330	,,	994·6	937·4	...	74·1	73·0	72·6	27·4	95	...	4·5	...	1·3	0	0	10	3	0	0	0	0	3	2	1	0	20
Daltonganj ...	0830	725	1005·2	980·6	-0·4	82·3	77·7	75·5	30·5	80	+1	5·5	+2·0	2·5	0	0	24	1	1	0	4	1	1	13	3	6
	1730	,,	1001·7	977·3	...	83·9	78·0	75·1	29·9	75	...	6·0	...	2·2	0	0	24	5	4	2	1	0	1	7	4	6

[g] Mean of 24 days. [h] Mean of 23 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1005·9	1001·7	−0·4	82·2	79·2	78·1	32·7	87	+ 2	6·3	+1·6	2·3	0	0	25	1	10	11	1	2	0	0	0	5
	1730	,,	1002·4	998·1	...	83·7	79·7	78·1	32·8	83	...	5·6	...	0·6	0	0	8	0	0	6	1	0	0	1	0	22
Darbhanga ...	0830	161	1005·9	1000·2	−0·3	82·2	80·2	79·1	31·3	92	+15	6·7	+2·0	2·2	0	0	23	0	12	8	1	1	0	0	1	7
	1730	,,	1002·4	996·8	...	85·3	81·3	79·9	31·6	85	...	5·5	...	2·2	0	0	19	0	9	1	7	1	0	0	1	11
Motihari ...	0830	218	1005·7	998·1	−0·2	83·2	79·6	78·1	33·0	85	+ 5	6·0	+2·1	2·3	0	0	29	0	0	29	0	0	0	0	0	1
	1730	,,	1002·2	994·7	...	84·1	80·1	78·7	33 1	84	...	3·7	...	1·0	0	0	15	1	0	14	0	0	0	0	0	15
Katna ...	0830	173	1005·0	999·1	−0·7	83·5	79·7	78·1	32·6	84	+ 5	6·1	+1·2	3·9	0	0	28	0	12	4	4	1	2	1	4	2
	1730	,,	1001·8	995·9	...	85·0	79·7	77·4	31·9	79	...	6·0	...	1·9	0	0	22	0	7	9	1	0	2	3	0	8
Katna (Aerodrome),,	0530	196	1003·1	996·3	...	79·7	78·6	78·3	33·0	95	...	5·4	...	2·6	0	2	11	0	4	5	1	1	1	1	0	17
	0830	,,	1004·7	998·0	...	83·2	79·9	78·5	33·0	86	...	6·5	...	4·9	0	0	27	1	4	9	4	3	2	3	1	3
	1130	,,	1004·4	997·7	...	85·2	80·3	77·9	32·5	77	...	6·4	...	5·7	0	1	28	1	1	7	7	7	4	2	0	1
	1730	,,	1001·5	994·8	...	85·4	79·9	77·8	32·4	79	...	5·6	...	3·3	0	0	23	0	5	5	3	0	3	3	4	7
Sehri ...	0830	352	1004·8	998·7	...	82·0	78·6	77·3	31·7	86	...	6·1	...	1·9	0	0	25	4	1	0	8	0	5	0	7	5
	1730	,,	1001·0	988·2	...	85·5	80·4	78·5	33·3	80	...	5·9	...	1·9	0	0	28	6	4	2	2	0	1	0	13	2
Gaya ...	0530	365	1002·9	996·4	...	79·2	77·6	76·7	31·7	93	...	5·3	...	3·1	0	2	14	1	0	2	0	7	4	0	2	14
	0830	,,	1004·6	998·2	−0·7	82·9	78·9	77·1	31·9	83	+ 8	5·8	+2·1	2·5	0	1	18	1	0	3	4	6	3	1	1	11
	1130	,,	1004·3	997·9	...	87·1	79·7	76·5	31·1	72	...	6·1	...	3·0	0	1	19	1	3	3	2	1	3	5	2	10
	1730	,,	1001·3	989·0	...	85·3	79·8	77·5	32·3	78	...	6·6	...	2·6	0	1	20	2	4	2	1	0	2	3	7	9
	2330	,,	1003·6	991·2	...	81·8	79·3	78·2	31·1	89	...	5·0	...	2·5	0	0	17	2	4	1	2	3	3	2	0	13
Jamui ...	0830	270	1004·5	995·1	...	83·3	79·3	77·3	32·4	85	...	6·4	...	2·5	0	0	26	1	1	12	7	0	0	0	5	4
	1730	,,	1001·8	992·4	...	83·5	79·4	74·6	32·6	83	...	6·3	...	1·7	0	0	19	1	1	8	2	1	0	0	6	11
Jamka ...	0830	489	1005·2	988·5	−0·8	83·4	79·0	73·9	31·7	83	+ 2	2·7	−2·0	2·2	0	0	30	4	2	5	11	2	3	3	0	0
	1730	,,	1001·8	985·5	...	84·1	79·3	77·2	31·7	79	...	3·9	...	2·3	0	0	30	1	2	9	12	1	1	2	2	0
Jhowa ...	0830	122	1005·4	1001·1	0	83·8	80·4	79·1	33·8	87	...	6·3	+0·6	4·9	0	1	27	0	3	9	10	1	2	1	2	2
	1730	,,	1001·9	997·8	...	84·2	80·8	79·3	34·2	86	...	6·0	...	3·1	0	0	22	3	3	6	5	1	0	1	3	8
Jhagalpur ...	0530	160	1003·8	998·1	...	80·0	78·7	78·3	32·6	95	...	5·0	...	1·9	0	0	17	0	1	9	5	1	0	1	0	13
	0830	,,	1005·4	999·7	...	84·4	80·3	78·8	33·6	83	...	6·4	...	2·9	0	0	21	0	3	7	7	1	1	0	2	9
	1130	,,	1005·1	999·5	...	86·9	81·1	79·0	33·3	77	...	6·6	...	2·6	0	0	23	2	5	8	4	3	0	0	1	7
	1730	,,	1002·2	996·5	...	84·9	80·3	78·8	33·6	82	...	6·5	...	2·6	0	0	22	1	0	7	9	0	1	1	3	8
	2330	,,	1004·8	999·1	...	81·4	79·4	78·6	33·4	91	...	4·7	...	2·4	0	0	18	1	1	6	7	0	2	1	0	13
U.P. East																										
Bonda ...	0830	330	1005·0	993·1	...	83·7	79·0	77·5	32·4	82	+ 1	3·5	−0·7	1·2	0	0	17	0	1	10	2	0	0	4	0	13
	1730	,,	1001·8	989·6	...	86·8	81·9	80·0	33·9	81	...	3·1	...	0·3	0	0	3	0	0	2	1	0	0	0	0	27
Gorakhpur ...	0830	254	1004·8	996·1	−0·9	84·0	79·5	77·5	32·4	82	+ 1	4·1	+0·7	0·4	0	0	6	0	1	3	1	0	0	0	1	24
	1730	,,	1001·3	992·9	...	87·2	80·1	76·5	32·0	71	...	3·7	...	0·2	0	0	3	0	0	0	1	0	1	1	0	27
Gorakhpur (P.B.O.)	0530	257	1003·5	994·7	...	78·5	77·5	77·2	31·0	95	...	5·6	...	1·1	0	0	10	0	4	4	2	0	0	0	0	20
	1130	,,	1004·6	995·9	...	87·2	80·8	78·2	32·8	75	...	6·6	...	3·5	0	0	27	1	7	4	6	5	3	0	1	3
	2330	,,	1004·4	995·3	...	80·9	79·2	78·5	31·1	92	...	3·6	...	1·0	0	0	7	0	2	1	3	0	1	0	0	23
Jamgarh ...	0830	255	1003·5	995·0	...	83·1	79·3	76·7	32·0	83	...	2·7	...	0·1	0	0	2	0	1	1	0	0	0	0	0	28
	1730	,,	1000·8	992·5	...	87·9	82·1	79·4	35·0	77	...	1·7	...	2·0	0	0	2	0	1	0	0	0	0	1	0	28
Jaunpur ...	0830	250	1004·9	996·4	−0·4	82·0	79·1	77·7	32·6	87	+ 7	4·4	+0·2	3·7	0	0	29	1	3	4	0	2	9	7	3	1
	1730	,,	1001·6	993·2	...	87·4	79·8	76·6	31·4	72	...	4·8	...	3·2	0	0	28	5	4	3	0	1	1	11	3	2
Jaunpur (Babatpur... Aerodrome)	0530	280	1003·4	994·1	...	78·3	77·1	76·6	26·2	95	...	5·0	...	2·7	0	0	22	1	5	2	1	1	4	7	1	8
	0830	,,	1005·7	995·6	...	84·0	79·0	76·8	31·6	79	...	4·9	...	4·5	0	0	29	0	3	6	1	1	3	10	5	1
	1130	,,	1004·9	995·4	...	87·9	79·5	76·1	30·5	69	...	5·3	...	5·5	0	0	28	2	5	3	1	2	0	7	8	2
	1730	,,	1001·4	991·9	...	87·1	79·2	75·7	30·2	70	...	5·5	...	4·3	0	0	26	1	4	3	1	1	2	9	5	4
	2330	,,	1004·2	993·9	...	80·5	78·4	77·5	32·4	91	...	4·5	...	2·6	0	0	19	0	5	2	0	0	8	3	1	11
Allahabad ...	0530	322	1003·4	992·4	...	78·8	77·0	76·1	30·1	91	...	4·6	...	2·8	0	0	25	1	2	2	1	1	8	10	0	5
(Bamrauli)	0830	,,	1005·1	994·1	−0·3	83·7	78·7	76·6	31·2	80	+ 1	5·3	+0·8	5·3	0	0	28	1	3	3	1	1	1	14	4	2
	1130	,,	1004·8	994·3	...	79·1	80·7	76·8	31·8	69	...	5·5	...	6·2	0	0	30	3	2	4	1	0	2	9	9	0
	1730	,,	1001·9	991·0	...	87·0	79·6	76·4	31·0	71	...	5·5	...	4·7	0	0	30	3	3	5	3	0	2	7	7	0
	2330	,,	1004·2	993·2	...	81·1	78·2	76·9	32·9	87	...	3·5	...	2·5	0	0	22	1	2	0	0	5	8	6	0	8
Azamgarh ...	0830	375	1005·3	992·5	...	83·2	78·3	76·0	30·5	79	− 2	3·1	−0·6	2·7	0	0	24	1	3	0	1	1	0	6	12	6
	1730	,,	1001·9	989·3	...	89·4	80·2	76·8	31·3	69	...	2·9	...	0·6	0	0	9	1	1	1	0	1	1	1	3	21
Balia ...	0830	398	1005·4	989·6	...	83·2	77·5	74·8	29·6	76	...	1·5	...	1·4	0	0	17	0	0	1	0	0	0	16	0	13
	1730	,,	1002·0	988·6	...	89·3	80·2	75·9	31·2	65	...	1·9	...	0·4	0	0	6	0	0	0	0	0	0	6	0	24
Basti ...	0830	463	1005·6	989·8	...	83·0	76·3	69·7	27·8	72	...	3·6	...	6·6	0	0	30	5	1	1	0	0	0	7	16	0
	1730	,,	1002·8	987·2	...	89·4	78·2	71·9	27·9	58	...	3·7	...	6·8	0	0	30	5	2	1	1	1	1	4	15	0
Gonda ...	0830	414	1005·0	990·9	−0·2	83·6	77·1	73·7	28·8	72	−10	3·0	+0·4	7·4	0	4	25	1	4	1	0	2	2	15	4	1
	1730	,,	1002·0	988·0	...	90·0	78·6	71·7	28·1	56	...	3·6	...	5·0	0	1	25	5	0	0	0	0	1	14	6	4
Gorakhnow ...	0830	371	1005·3	992·1	−0·5	82·7	78·1	76·2	30·9	81	+ 2	2·3	−1·3	2·0	0	0	29	3	2	9	1	0	1	9	4	1
	1730	,,	1002·0	989·5	...	89·1	80·2	77·0	30·9	67	...	2·8	...	1·5	0	0	21	2	1	5	1	0	1	5	6	9
Gorakhnow (Amau... Aerodrome)	0530	419	1003·5	988·8	...	77·1	75·3	74·5	29·3	91	...	3·7	...	1·9	0	0	15	0	4	1	1	0	2	5	2	15
	0830	,,	1005·0	990·7	...	83·6	78·1	75·4	30·8	77	...	3·2	...	4·9	0	0	28	3	4	2	2	3	1	5	8	2
	1130	,,	1004·8	990·7	...	90 2	79·3	74·7	28·9	61	...	3·5	...	6·5	0	0	30	2	4	2	3	0	3	3	13	0
	1730	,,	1001·7	987·7	...	88·9	78·6	74·0	29·2	63	...	3·8	...	4·7	0	0	28	3	2	1	3	1	1	3	14	2
Gorakhpur	0830	467	1004·7	988·9	...	83·3	76·9	74·1	28·7	74	...	1·2	...	3·1	0	0	29	2	1	1	5	1	2	13	4	1
	1730	,,	1001·4	985·8	...	89 9	80·5	76·5	31·3	65	...	1·5	...	1·9	0	0	23	2	1	0	2	1	4	10	3	7
Kheri ...	0830	483	1005·0	988·5	...	88·9	77 1	74·4	29·3	76	...	2·2	...	2·5	0	0	27	2	3	3	5	3	1	7	3	3
	1730	,,	1001·6	985·4	...	87·6	79·3	75·5	28·8	68	...	3·2	...	1·1	0	0	14	0	1	4	1	1	0	4	3	16
Kheri ...	0830	407	1005·4	991·5	+0·1	83·8	79·0	76·9	31·7	80	+ 2	3·0	+0·2	1·4	0	0	15	0	1	5	7	1	1	0	0	15
	1730	,,	1001·5	987·8	...	85·6	80·6	77·0	32·9	70	...	2·9	...	1·0	0	0	13	0	0	2	4	0	1	3	3	17

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1006·1	978·1	+0 3	81·3	74·1	70 5	25·2	71	- 3	2·8	-0·1	3·3	0	0	21	4	1	1	0	0	0	13	2	9
	1730	..	1003·3	975·3	...	89·5	76·7	70·5	24·9	55	...	3·0	...	1·1	0	0	10	0	0	0	0	0	0	6	4	20
Agra ...	0830	553	1005·7	986·8	+0·4	82·4	73·7	69·6	24·4	66	- 9	1·6	-1·5	0·1 [b]	0	0	1	0	0	0	0	0	0	0	1	29
	1730	..	1001·9	983·8	...	93·1	76·5	67·5	23·8	44	...	0·6	...	0	0	0	0	0	0	0	0	0	0	0	0	29
Mainpuri ...	0830	516	1005·5	987·9	+0·3	83·3	76·4	73·3	28·0	72	- 4	2·9	-0·5	2·4	0	0	25	0	0	3	0	1	1	11	9	5
	1730	..	1002·0	985·1	...	90·9	78·3	72·2	27·3	56	...	3·3	...	1·8	0	0	20	1	1	0	0	0	0	9	9	10
Aligarh ...	0530	615	1004·1	986·4	...	76·8	71·8	68·8	24·5	77	...	2·2	...	0·5	0	0	4	0	0	1	0	0	2	1	0	26
	0830	..	1005·3	987·8	...	83·2	73·7	72·3	23·9	62	- 9	2·8	+0·2	2·5	0	0	18	0	0	0	0	0	0	7	11	12
	1130	..	1005·5	984·9	...	92·0	76·2	67·3	23·8	45	...	2·2	...	8·7	0	5	23	0	0	0	2	2	1	7	16	2
	1730	..	1001·8	981·4	...	93·3	75·2	64·3	21·5	41	...	2·2	...	2·0	0	0	20	0	0	1	1	0	0	7	11	10
	2330	..	1004·3	983·4	...	80·8	73·2	69·2	24·8	69	...	1·3	...	1·0	0	0	8	0	0	1	0	0	3	3	1	22
Bareilly ...	0830	568	1004·7	985·4	-0·7	83·5	75·9	72·3	27·1	70	-10	2·4	-0·9	2·5	0	0	19	1	1	3	1	0	1	8	4	11
	1730	..	1001·1	982·2	...	91·2	77·8	71·5	26·5	54	...	3·3	...	2·7	0	0	23	4	0	0	0	0	1	13	5	7
Bareilly (P.B.O.) ...	0530	565	1003·3	983·9	...	78·4	75·2	73·9	28·2	86	...	2·5	...	2·1	0	0	19	0	3	5	0	1	1	7	2	11
	1130	..	1004·7	985·6	...	90·5	77·9	73·0	26 9	57	...	2·2	...	5·1	0	0	29	1	2	5	1	1	0	11	8	1
	2330	..	1003·6	984·3	...	82·1	77·1	75·2	29·5	80	...	1·5	...	2·3	0	0	21	0	0	3	3	1	2	11	1	9
Meerut ...	0830	728	1005·5	980·7	+0·2	83·5	73·0	67·9	23·0	61	-15	0·8	-1·6	3·6	0	0	29	0	0	5	1	0	0	13	10	1
Roorkee ...	0830	899	1004·8	974·5	-0·6	80·8	75·0	72·2	26·9	75	- 4	1·7	-1·2	0·9	0	0	14	0	0	0	8	0	0	0	6	16
	1730	..	1000·9	971·0	...	91·0	76·2	68·5	24·0	49	...	2·2	...	1·6	0	0	24	1	0	0	3	0	1	0	19	6
Dehra-Dun ...	0530	2,239	894·4	929·2	...	72·1	68·8	66·9	22·6	84	...	1·7	...	1·5	0	0	17	10	6	0	0	0	0	0	1	13
	0830	..	896·2	930·6	-0·1	77·9	71·7	68·5	25·0	73	...	2·0	+0·2	1·1	0	0	17	0	2	3	2	5	2	2	1	13
	1130	..	896·9	930·9	...	84·4	73·4	68·0	23·2	59	...	3·1	...	2·5	0	0	30	1	0	0	6	6	9	7	1	0
	1730	..	894·3	928·1	...	85·1	74·9	70·4	25·3	62	...	2·4	...	1·7	0	0	22	5	2	1	0	2	2	7	3	8
	2330	..	894·9	929·5	...	75·4	70·8	68·4	23·5	83	...	1·2	...	1·9	0	0	21	12	9	0	0	0	0	0	0	9
Punjab (1)																										
New-Delhi ...	0530	710	1003·6	979·4	...	78·9	70·2	64·7	21·6	63	...	2·3	...	7·4	0	2	22	0	1	0	0	0	2	20	1	6
	0830	..	1005·4	981·2	-0·1	83·2	71·3	64·6	20·6	54	-17	2·0	-0·6	12·7	0	4	24	0	0	0	0	0	1	20	7	2
	1130	..	1005·1	981·3	...	91·7	74·1	64·5	21·1	41	...	1·9	...	13·5	0	18	8	1	0	0	0	0	0	8	17	4
	1730	..	1001·6	978·0	...	93·5	73·9	62·8	19·2	37	...	1·3	...	8·8	0	18	10	4	0	0	0	0	0	3	21	2
	2330	..	1003·3	979·4	...	82·1	72·1	66·5	22·3	60	...	0·8	...	2·8	0	0	13	0	0	0	1	0	3	7	2	17
Hissar ...	0830	725	1005·7	981·0	+0·6	81·0	72·0	66·9	22·7	63	- 2	0·5	-1·1	3·8	0	0	27	1	0	0	1	0	11	11	3	3
	1730	..	1002·0	978·0	...	96·1	75·7	64·7	20·8	37	...	0·6	...	3·7	0	0	30	4	2	0	0	2	6	7	9	0
Karnal ...	0830	818	1004·8	976·9	...	80·0	72·4	68·3	23·8	68	...	1·1	...	2·1	0	0	20	0	0	0	0	0	6	10	4	10
	1730	..	1001·2	974·1	...	92·9	74·3	66·1	20·6	46	...	0·8	...	2·3	0	0	27	0	0	0	1	0	10	5	11	3
Ambala ...	0830	892	1004·3	974·5	-0·4	80·7	73·1	68·5	24·4	67	- 7	0·9	-1·6	2·1	0	0	18	1	0	4	2	0	3	2	6	12
	1730	..	1001·0	971·5	...	95·2	74·8	63·9	20·1	38	...	0·6	...	2·5	0	0	19	1	1	1	0	0	0	1	15	11
Ambala (P.B.O.) ...	0530	903	1003·1	972·3	...	78·9	72·2	69·2	23·9	73	...	1·0	...	3·3	0	0	22	0	1	8	0	0	0	1	12	8
	1130	..	1004·5	974·2	...	90·2	75·2	68·5	23·0	50	...	1·4	...	6·1	0	0	27	2	0	5	2	0	0	3	15	3
	2330	..	1003·1	972·5	...	83·4	73·1	68·5	23·1	61	...	0·1	...	3·5	0	0	25	1	1	2	1	0	0	4	16	5
Patiala ...	0830	822	1004·5	976·6	...	82·2	73·2	71·8	23·7	64	...	1·4	...	2·4	0	0	24	1	0	0	7	0	0	1	15	6
	1730	..	1001·6	973·7	...	94·6	75·7	65·5	21·5	32	...	1·3	...	4·6	0	0	29	8	0	0	1	0	0	6	14	1
Ludhiana ...	0830	810	1004·5	976·9	-0·7	80·9	72·8	67·6	24·1	65	- 7	0·3	-0·8	0	0	0	0	0	0	0	0	0	0	0	10	30
	1730	..	1001·5	974·8	...	97·1	76·3	65·3	19·7	36	...	1·1	...	0·5	0	0	5	0	0	0	0	0	0	2	3	25
Ferozepur ...	0830	657	1005·0	982·7	...	83·3	73·2	68·9	23·3	62	...	0·5	...	2·3	0	0	23	1	0	0	0	0	9	4	9	7
	1730	..	1001·3	979·9	...	95·5	76·7	66·8	22·8	39	...	0·6	...	1·5	0	0	21	2	0	1	0	4	10	1	3	9
Amritsar ...	0530	769	1003·6	977·2	...	73·3	70·7	69·3	24·3	87	...	0·4	...	2·7	0	0	25	4	6	2	2	3	1	6	1	5
	0830	..	1004·8	978·8	...	83·2	73·2	67·8	23·2	60	...	0·4	...	4·5	0	1	25	1	2	1	4	5	5	5	3	4
	1130	..	1004·9	979·2	...	92·8	75·8	67·0	22·9	43	...	0·3	...	7·0	0	1	26	3	2	1	1	0	3	9	8	3
	1730	..	1001·6	976·2	...	95·2	75·6	66·1	21·3	38	...	0·2	...	6·3	0	0	29	2	1	0	0	0	5	8	13	1
Pathankot ...	0830	1128	1005·0	966·8	...	79·6	72·1	68·1	23·4	69	...	1·2	...	1·5	0	0	19	0	7	7	4	1	0	0	0	11
	1730	..	1002·5	965·2	...	90·8	77·3	70·4	25·5	56	...	1·9	...	1·7	0	0	22	0	3	0	0	2	2	10	5	8
Jammu and Kashmir																										
Srinagar ...	0830	5,205	798·4	840·5	+0·3	63·0	58·1	55·1	14·7	76	- 5	1·8	-0·5	1·4	0	0	10	1	1	1	6	1	0	0	0	20
	1130	..	799·0	840·0	...	75·1	62·4	55·0	14·5	50	...	1·7	...	2·5	0	0	17	4	1	0	4	1	1	0	6	13
	1730	..	796·4	837·2	...	76·8	62·7	54·4	14·2	47	...	2·0	...	2·8	0	0	20	0	0	1	2	1	0	7	9	10
Gulmarg ...	0830	8709	708·7	740·3	+0·2	50·5	48·6	47·0	11·1	87	+ 7	1·2	-1·0	2·7	0	0	20	1	1	0	6	9	3	0	0	10
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	709·2	668·3	...	43·1	35·8	25·9	4·9	50	...	2·2	...	3·4 [b]	0	0	22	0	22	0	0	0	0	0	0	7
	0830	..	709·1	667·5	0	55·1	41·7	25·5	4·8	33	-17	2·2	-0·7	1·1	0	0	9	0	1	0	1	2	5	0	0	21
	1730	..	701·1	663·7	...	66·3	48·5	27·3	6·1	27	...	2·2	...	5·0	0	0	26	1	2	0	0	1	15	4	3	4
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	82·0	72·3	67·1	22·9	61	- 7	2·0	+0·2	7·4	0	0	30	2	21	0	0	0	4	2	1	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1005·0	985·3	...	83·8	70·3	62·3	19·2	49	-11	0·2	-0·5	2·8	0	0	23	1	0	0	0	2	15	5	0	7
	1730	..	1001·4	982·1	...	97·1	72·2	56·4	15·7	26	...	0·4	...	1·5	0	0	25	1	3	1	0	0	11	6	3	5
Bikaner ...	0830	734	1005·9	980·9	+0·6	81·5	75·0	72·4	26·7	73	+ 5	0·2	-1·3	5·7	0	0	29	0	0	0	1	0	15	1	12	1
	1730	..	1002·4	979·4	...	96·8	80·0	72·1	27·6	46	...	0·6	...	4·4	0	0	27	0	1	0	2	0	16	1	7	3

(R) Register not received. [b] Mean of 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1005·3	980·1	...	78·3	73·6	71·0	25·9	79	...	1·1	...	4·8	0	0	25	0	0	0	0	2	17	6	0	5
	1130	,,	1006·3	981·7	...	89·6	81·1	76·4	32·3	60	...	0·9	...	4·5	0	0	29	0	1	0	0	5	17	6	0	1
	2330	,,	1004·9	980·1	...	85·2	77·2	73·3	28·3	68	...	0·7	...	4·3	0	0	23	0	0	0	0	5	16	2	0	7
Jaisalmer ...	0830	793	1006·9	979·5	...	77·9	70·1	68·2	22·3	77	...	0·6	...	11·9	0	15	14	0	0	0	0	0	29	0	0	1
	1730	,,	1002·6	976·5	...	94·3	77·4	68·9	23·9	46	...	1·1	...	12·7	0	14	16	0	2	0	0	0	26	2	0	0
Jodhpur ...	0530	736	1006·2	980·8	...	75·4	68·9	64·8	21·2	71	...	1·0	...	2·8	0	0	22	0	0	0	0	0	8	13	1	8
	0830	,,	1008·0	982·8	+3·0	79·7	71·1	66·1	22·1	64	− 9	2·1	−1·1	5·5	0	0	24	0	0	0	0	0	10	13	1	6
	1130	,,	1008·0	983·1	...	88·5	74·1	66·1	22·2	49	...	2·3	...	7·1	0	0	28	1	0	0	0	0	14	13	0	2
	1730	,,	1004·2	979·6	...	93·0	74·4	63·9	20·7	39	...	2·6	...	5·9	0	0	28	1	0	1	0	0	19	7	0	2
	2330	,,	1006·5	981·4	...	81·7	71·0	64·6	21·1	56	...	0·2	...	4·2	0	0	24	0	0	0	0	0	7	16	1	6
Phalodi ...	0830	767	1007·2	980·5	...	77·9	71·4	68·2	23·4	73	...	0·5	...	9·0	0	6	24	0	0	0	0	4	18	8	0	0
	1730	,,	1003·8	978·3	...	94·3	74·1	62·8	19·3	38	...	1·1	...	10·9	0	12	18	0	2	1	0	7	19	1	0	0
Barmer ...	0530	638	1005·7	983·8	...	77·2	73·9	72·4	27·1	85	...	0·6	...	8·0	0	3	24	0	0	0	0	0	11	15	1	3
	0830	,,	1007·7	985·9	+2·2	79·2	74·9	72·9	27·5	81	+10	1·7	−0·9	4·7	0	0	26	0	0	0	0	0	14	11	1	4
	1130	,,	1007·6	986·1	...	88·5	77·9	73·0	27·9	60	...	2·4	...	3·7	0	0	26	0	0	0	0	10	15	1	0	4
	1730	,,	1003·8	982·6	...	92·7	79·5	73·6	28·9	54	...	2·7	...	3·7	0	0	25	0	1	0	1	10	11	1	1	5
	2330	,,	1005·9	984·3	...	83·9	76·2	72·4	27·6	68	...	0·7	...	2·1	0	0	22	0	0	0	1	3	16	2	0	8
Rajasthan, East																										
Sikar ...	0830	1419	1006·9	958·7	...	79·7	75·3	73·4	27·9	79	...	1·4	...	2·3	0	0	24	0	0	1	0	4	9	8	2	6
	1730	,,	1002·4	955·8	...	93·1	84·4	78·6	36·9	66	...	2·5	...	1·8	0	0	27	0	0	2	0	3	4	11	7	3
Jaipur ...	0830	1431	1007·0	958·8	+0·6	81·0	71·0	65·2	21·4	60	−10	2·0	−0·8	6·0	0	0	27	3	0	1	0	0	0	9	14	3
	1130	,,	1006·2	958·8	...	89·6	73·1	63·7	20·4	43	...	1·6	...	7·4	0	1	26	1	0	0	0	0	0	12	11	3
	1730	,,	1002·6	955·6	...	92·1	73·2	62·1	19·1	38	...	2·3	...	4·3	0	0	28	1	0	0	1	0	2	18	6	2
Jaipur (Sanganer Aerodrome) ...	0530	1282	1005·1	961·4	...	74·8	69·0	65·4	21·8	73	...	3·0	...	5·8	0	0	28	2	1	0	0	0	0	4	21	2
	0830	,,	1006·5	963·2	...	81·3	71·5	66·0	22·1	61	...	2·9	...	10·0	0	7	20	0	1	0	0	0	0	2	21	3
	1130	,,	1005·9	963·2	...	89·1	74·1	65·9	21·8	47	...	2·5	...	12·5	0	14	16	1	0	0	1	0	0	8	20	0
	1730	,,	1002·3	960·0	...	91·9	73·2	62·4	19·4	38	...	3·6	...	7·0	0	1	27	2	0	0	1	0	1	12	12	2
	2330	,,	1005·2	961·8	...	79·3	70·2	64·7	21·1	62	...	1·9	...	4·9	0	0	25	1	1	2	0	0	1	9	11	5
Ajmer ...	0830	1593	1007·5	953·8	+1·0	79·7	69·4	63·9	19·9	59	− 8	3·0	+0·2	7·9	0	3	24	0	0	0	0	0	11	15	1	3
	1730	,,	1003·3	950·8	...	89·6	71·0	60·8	17·5	39	...	2·2	...	4·4	0	0	28	0	1	0	0	0	8	16	3	2
Kotah ...	0530	843	1005·7	976·5	...	78·4	71·7	68·1	23·1	70	...	1·7	...	3·9	0	0	28	0	0	0	0	0	1	26	1	2
	0830	,,	1006·9	978·3	+0·9	82·4	73·1	69·3	23·5	63	− 6	2·6	−0·3	3·7	0	0	26	0	0	0	0	0	0	24	2	4
	1130	,,	1006·4	978·5	...	89·3	74·9	67·4	22·6	48	...	3·1	...	4·5	0	0	25	1	0	0	0	0	0	12	12	5
	1730	,,	1003·2	975·2	...	91·8	75·1	66·5	22·3	45	...	3·4	...	2·2	0	0	16	1	0	1	0	0	2	5	7	14
	2330	,,	1005·7	977·1	...	83·3	73·3	68·2	23·2	61	...	1·9	...	4·3	0	0	26	0	0	0	0	0	9	17	0	4
Jhalawar ...	0830	1053	1007·6	971·7	+1·7	78·9	72·3	69·1	24·1	72	− 9	2·4	−1·4	2·9	0	0	26	0	0	0	0	1	5	19	1	4
	1730	,,	1003·7	968·7	...	90·0	74·7	66·8	22·4	47	...	3·2	...	3·1	0	0	26	1	2	1	0	0	1	13	8	4
Udaipur ...	0530	1910	895·8	942·5	...	71·2	67·9	65·9	22·0	83	...	1·3	...	1·1	0	0	8	0	0	0	0	0	2	6	0	22
	0830	,,	897·2	943·5	+0·5	77·3	70·6	67·0	22·8	71	− 4	2·5	−0·4	1·7	0	0	16	1	0	0	0	1	2	10	2	14
	1130	,,	898·4	944·1	...	84·9	72·6	65·6	22·3	55	...	4·2	...	3·5	0	0	26	1	1	2	0	7	7	7	1	4
	1730	,,	896·1	941·7	...	84·4	72·7	66·9	22·7	57	...	4·3	...	4·5	0	0	28	2	0	0	0	2	13	9	2	2
	2330	,,	897·0	943·5	...	74·9	69·8	67·3	22·8	77	...	1·0	...	1·3	0	0	13	0	0	0	0	1	6	5	1	17
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	1004·1	980·7	...	79·2	72·0	68·4	24·3	71	...	3·3	...	6·5	0	2	23	0	1	0	0	0	7	15	2	5
	0830	,,	1005·7	982·3	+0·6	82·1	74·2	69·9	25·9	68	− 8	3·7	−0·1	6·3	0	2	25	0	0	1	0	1	4	16	3	3
	1130	,,	1005·8	982·6	...	87·8	76·7	71·4	27·4	58	...	2·9	...	6·0	0	0	29	2	1	0	0	1	0	5	20	1
	1730	,,	1002·7	979·6	...	89·1	77·2	71·5	26·7	58	...	3·4	...	3·0	0	0	23	5	0	0	0	0	0	4	14	7
	2330	,,	1004·7	981·3	...	81·4	73·7	69·7	25·2	68	...	2·1	...	3·9	0	1	24	0	0	0	0	5	13	6	1	5
Sheopur Kalan ...	0830	771	1005·2	978·8	...	80·3	74·8	72·0	27·0	76	...	3·4	...	1·9	0	0	18	1	0	0	0	2	6	6	3	12
	1730	,,	1002·8	976·9	...	90·0	81·3	76·8	32·5	68	...	5·5	...	1·4	0	0	11	1	0	0	0	1	0	0	9	19
Guna ...	0530	1571	1006·0	952·5	...	73·5	71·6	70·7	28·0	91	...	3·4	...	2·5	0	0	18	0	0	0	0	0	5	11	2	12
	0830	,,	1006·9	953·9	+1·2	78·0	73·5	72·0	26·4	81	− 2	3·6	−0·1	5·6	0	0	29	3	0	0	1	1	1	17	6	1
	1130	,,	1006·7	954·4	...	85·7	76·9	73·3	25·7	68	...	3·7	...	5·8	0	0	29	0	1	0	0	0	0	14	14	1
	1730	,,	1003·1	951·1	...	86·9	77·7	73·8	28·7	67	...	4·9	...	3·8	0	0	30	4	2	0	1	0	1	11	11	0
	2330	,,	1006·3	953·2	...	77·3	73·6	71·8	26·8	84	...	2·9	...	2·3	0	0	17	0	0	1	2	1	6	5	2	13
Neemuch ...	0830	1626	1008·5	953·5	+1·4	76·6	70·5	67·3	23·1	73	− 6	4·3	+0·7	6·7	0	0	28	0	0	0	0	0	14	14	0	2
	1730	,,	1004·8	950·9	...	86·1	72·4	65·5	21·6	51	...	4·8	...	7·2	0	1	28	0	1	0	0	0	13	14	1	1
Ratlam ...	0830	1596	1008·8	954·4	...	74·5	70·6	68·2	23·7	81	...	6·1	...	5·6	0	1	29	2	0	0	0	0	9	17	2	1
	1730	,,	1005·0	951·8	...	84·0	73·2	67·6	23·0	59	...	6·8	...	7·5	0	0	30	4	0	0	0	0	3	20	3	0
Indore ...	0530	1861	895·3	944·0	...	70·2	67·6	66·1	22·0	87	...	4·9	...	4·3	0	1	24	1	0	0	0	0	1	22	1	5
	0830	,,	897·4	945·7	+0·4	75·1	69·9	67·3	22·9	77	− 6	5·3	−0·1	10·3	0	8	21	0	1	0	0	1	0	17	10	1
	1130	,,	897·8	945·4	...	82·5	71·9	66·6	22·4	57	...	4·6	...	9·0	0	8	21	0	1	1	1	2	1	9	14	1
	1730	,,	895·1	942·5	...	83·5	71·8	63·8	21·9	56	...	6·3	...	7·4	0	4	25	2	0	0	1	1	2	9	14	1
	2330	,,	896·3	944·7	...	74·1	69·3	66·8	22·5	78	...	3·7	...	2·5	0	0	14	1	0	0	0	0	1	8	4	16
Bhopal (Bairagarh) ...	0530	1714	894·2	948·1	...	72·2	69·2	67·8	23·2	86	...	5·0	...	6·0	0	0	26	0	1	0	0	0	0	9	16	4
	0830	,,	896·4	949·9	+1·5	76·8	71·2	68·1	23·8	75	− 8	4·7	+0·1	10·9	0	10	19	1	0	1	0	1	0	9	17	1
	1130	,,	897·1	949·8	...	83·7	73·3	68·4	23·7	61	...	5·0	...	10·3	0	7	23	4	2	1	1	0	0	3	19	0
	1730	,,	894·3	946·7	...	85·1	73·1	67·3	22·9	56	...	5·3	...	8·1	0	2	27	5	3	1	0	1	1	5	13	1
	2330	,,	895·3	948·8	...	75·9	71·0	68·6	23·9	79	...	4·6	..	4·9	0	2	21	0	0	0	1	0	4	13	5	7
Vindhya Pradesh																										
Nowgong ...	0830	750	1006·0	980·4	+0·2	80·5	75·5	73·1	27·9	79	− 2	3·8	−0·2	3·0	0	0	27	0	0	0	0	0	14	11	2	3
	1730	,,	1002·4	977·3	...	88·7	77·4	71·8	26·9	60	...	4·5	...	2·1	0	0	26	5	3	1	0	0	1	4	13	4
Sutna ...	0830	1041	1005·3	970·1	0	80·9	76·2	74·1	28·9	80	0	4·4	+0·3	3·7	0	0	28	2	0	2	0	0	5	18	1	2
	1730	,,	1002·3	967·4	...	84·9	77·3	73·9	28·9	70	...	5·0	...	3·4	0	0	26	3	1	1	0	0	1	4	16	4

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1005·7	955·0	...	79·2	74·7	73·0	27·5	82	+ 2	5·1	−0·1	2·9	0	0	23	1	0	0	1	0	7	3	11	7
	1730	,,	1002·5	952·3	...	82·8	76·5	74·3	28·6	76	...	6·5	...	1·3	0	0	14	1	0	1	0	1	2	4	5	16
Madhya Pradesh, East																										
Gondia ...	0830	1026	1007·1	972·1	...	78·8	74·7	72·6	27·5	82	...	5·2	...	1·9	0	0	25	5	3	2	0	2	6	1	6	5
	1730	,,	1003·3	968·8	...	82·5	76·1	73·3	27·9	74	...	5·7	...	2·9	0	0	30	8	0	2	1	2	6	6	5	0
Pendra ...	0530	2048	894·1	935·6	...	72·8	71·1	70·3	25·3	92	...	7·5	...	1·9	0	0	22	7	0	0	1	0	3	0	11	8
	0830	,,	896·2	937·3	−0·1	77·5	73·4	71·5	26·5	82	0	7·5	+3·2	2·6	0	0	23	13	0	2	0	0	0	2	6	7
	1130	,,	896·4	937·2	...	82·1	74·8	71·4	26·5	69	...	7·7	...	4·7	0	0	29	17	3	0	1	1	0	4	3	1
	1730	,,	893·7	934·6	...	79·1	73·9	71·7	26·5	78	...	7·8	...	2·9	0	0	25	12	2	0	0	4	1	1	5	5
	2330	,,	895·3	936·7	...	74·8	72·4	71·3	26·2	89	...	7·2	...	2·1	0	0	21	7	1	0	0	2	1	1	9	9
Raigarh ...	0830	723	1005·2	980·6	...	80·3	77·1	75·7	30·3	86	...	6·8	...	2·1	0	0	25	3	6	1	0	2	4	6	3	5
	1730	,,	1002·1	977·7	...	83·5	77·9	75·5	30·1	77	...	6·1	...	1·1	0	0	15	1	3	0	0	1	3	4	3	15
Ambikapur ...	0830	1989	895·6	939·0	...	76·6	73·6	72·5	27·1	86	...	3·2	...	4·4	0	0	25	5	4	0	0	1	4	6	5	5
	1730	,,	893·3	936·1	...	79·9	74·5	72·1	26·3	78	...	4·9	...	5·0	0	0	30	15	3	1	1	1	2	3	4	0
Champa ...	0830	805	1005·7	978·3	...	80·1	76·6	74·9	29·7	84	...	6·3	...	2·8	0	0	27	4	1	2	1	1	4	11	3	3
	1730	,,	1002·3	975·1	...	83·1	77·5	74·5	29·7	76	...	6·5	...	3·9	0	0	28	5	2	1	0	0	3	9	8	2
Raipur ...	0530	979	1004·4	971·0	...	76·5	74·4	73·3	28·3	90	...	6·0	...	1·9	0	0	19	1	0	0	0	0	9	8	1	11
	0830	,,	1003·2	972·9	+0·2	78·8	74·9	73·1	28·1	83	+ 2	6·2	+1·6	3·7	0	0	26	3	1	0	0	0	9	6	7	4
	1130	,,	1005·7	972·6	...	83·1	76·1	72·8	27·9	72	...	6·1	...	3·4	0	0	25	5	2	0	0	0	10	2	6	5
	1730	,,	1002·7	969·8	...	83·6	76·2	72·6	28·1	71	...	6·8	...	3·4	0	0	26	6	3	0	0	1	7	4	5	4
	2330	,,	1005·4	972·1	...	78·2	75·1	73·6	28·5	86	...	5·9	...	2·4	0	0	16	1	0	0	0	2	11	1	1	14
Kanker ...	0830	1318	1003·9	932·2	+0·8	77·0	74·4	73·3	27·9	88	+ 6	6·2	+0·6	0·9	0	0	10	0	0	0	0	0	6	4	0	20
	1730	,,	1003·5	959·2	...	80·8	76·9	75·1	29·8	84	...	7·0	...	1·3	0	0	14	1	0	0	0	1	9	2	1	16
Chanda ...	0830	634	1007·6	985·9	+0·7	78·3	74·7	73·1	28·0	83	+ 3	6·2	+1·6	2·7	0	0	22	1	0	0	0	0	5	16	0	8
	1730	,,	1004·1	982·6	...	82·9	76·0	72·7	27·3	73	...	6·9	...	3·9	0	0	24	1	2	2	1	0	4	11	3	6
Sironcha ...	0330	405	1008·0	994·0	...	78·3	75·7	74·6	29·2	89	...	6·7	...	2·1	0	0	21	3	1	3	3	1	1	3	6	9
	1730	,,	1004·5	990·7	...	82·4	77·0	74·3	29·2	77	...	7·6	...	2·5	0	0	25	6	2	2	1	1	3	8	5	
Jagdalpur(P.B.O.)...	0530	1813	894·0	944·5	...	71·8	70·9	70·4	25·5	95	...	6·3	...	1·4	0	0	14	0	0	1	0	4	1	4	4	16
	0830	,,	895·9	945·8	+0·2	75·0	73·7	71·3	26·5	89	+ 5	6·1	+1·1	2·3	0	0	20	2	0	1	0	0	7	9	1	10
	1130	,,	895·8	945·3	...	79·1	74·3	72·3	27·0	81	...	6·7	...	3·7	0	0	28	3	0	0	0	0	7	8	10	2
	1730	,,	893·4	943·0	...	76·9	73·2	71·3	26·4	84	...	7·4	...	3·7	0	0	26	1	2	2	0	2	6	11	2	4
	2330	,,	895·1	945·8	...	73·5	72·1	71·3	26·3	93	...	6·1	...	1·5	0	0	13	0	0	0	1	1	2	5	4	17
Madhya Pradesh, West																										
Buldhana ...	0830	2133	898·1	936·8	...	71·8	68·0	66·0	21·9	82	...	5·9	...	4·8	0	0	30	3	0	1	0	0	0	4	22	0
	1730	,,	895·9	933·7	...	83·0	71·5	65·7	21·7	57	...	6·2	...	4·1	0	0	30	3	1	1	1	1	0	1	22	0
Akola ...	0830	935	1008·3	976·7	+0·9	78·3	72·1	68·6	24·1	73	− 5	6·9	+2·1	11·0	0	10	19	0	0	1	1	0	0	16	11	1
	1130	,,	1007·3	976·2	...	85·7	74·8	68·5	23·7	59	...	6·1	...	8·5	0	4	26	1	2	0	0	0	1	10	16	0
	1730	,,	1004·0	972·9	...	87·0	74·5	67·6	23·5	54	...	6·9	...	6·9	0	1	25	5	1	2	1	0	1	9	7	4
Akola (Aerodrome) ...	0530	1015	1006·1	971·3	...	74·8	71·2	69·2	24·5	84	...	5·7	...	8·9	0	8	18	0	0	0	0	0	0	16	10	4
	2330	,,	1006·6	972·0	...	78·2	73·1	70·5	25·6	78	...	6·0	...	3·5	0	0	19	1	0	0	0	0	5	10	3	11
Amravati ...	0830	1213	1007·8	966·6	+1·1	77·3	72·3	69·5	25·1	78	− 2	6·2	+1·3	4·6	0	0	29	0	3	0	0	0	6	18	2	1
	1730	,,	1003·9	963·4	...	84·6	74·1	68·3	24·5	60	...	6·7	...	4·3	0	0	30	0	7	0	2	0	8	4	9	0
Yeotmal ...	0830	1481	1007·8	957·6	...	76·7	72·4	70·0	25·2	80	...	6·6	...	10·2	0	7	23	0	3	0	0	0	5	0	22	0
	1730	,,	1004·2	954·6	...	80·6	74·0	70·9	25·7	74	...	7·1	...	5·9	0	1	28	0	5	0	2	0	9	0	13	1
Khandwa ...	0830	1044	1008·4	972·7	+1·0	78·6	69·2	69·7	20·1	76	− 5	5·3	+0·9	9·1	0	4	25	0	0	0	0	0	1	19	9	1
	1730	,,	1003·6	968·8	...	88·3	76·1	69·9	25·2	55	...	6·6	...	7·3	0	0	30	7	1	2	1	0	2	4	13	0
Hoshangabad ...	0830	992	1007·2	973·4	+0·2	78·1	73·9	71·8	26·7	82	− 3	6·4	+1·4	2·5	0	0	30	2	0	1	1	3	13	10	0	0
	1730	,,	1003·3	970·1	...	86·6	76·3	71·5	26·3	62	...	6·4	...	2·1	0	0	28	0	3	0	2	2	8	10	3	2
Sagar ...	0830	1808	895·6	945·7	+0·6	76·4	71·4	68·9	24·3	80	0	5·2	+1·0	11·5	0	12	18	0	2	1	0	0	7	18	2	0
	1730	,,	893·6	942·9	...	83·2	73·0	67·8	23·6	61	...	6·0	...	11·2	0	11	19	7	2	1	1	1	1	5	12	0
Jabalpur ...	0530	1289	1004·9	961·1	...	74·6	72·9	71·9	26·9	91	...	4·8	...	1·2	0	0	13	0	0	0	0	0	7	5	1	17
	0830	,,	1006·5	962·9	+0·8	78·7	74·3	72·2	27·0	80	− 1	5·0	+0·5	3·1	0	0	28	0	0	1	1	0	18	4	4	2
	1130	,,	1005·9	962·7	...	84·8	76·4	72·4	27·3	67	...	5·2	...	4·7	0	0	29	2	1	0	0	0	11	8	7	1
	1730	,,	1002·9	959·8	...	84·6	76·3	72·6	27·2	68	...	6·5	...	3·4	0	0	28	3	4	1	1	0	9	2	8	2
	2330	,,	1005·7	961·9	...	77·4	74·1	72·6	27·3	85	...	3·7	...	1·5	0	0	15	0	0	0	0	0	6	8	1	15
Mandla ...	0830	1452	1006·8	957·6	...	76·3	73·8	72·7	27·4	88	...	5·4	...	2·7	0	0	24	4	0	2	3	4	1	2	8	6
	1730	,,	1003·3	954·7	...	81·4	75·4	72·8	27·3	76	...	6·7	...	3·8	0	1	25	8	2	0	0	0	1	4	11	4
Seoni ...	0830	2027	893·3	935·3	−2·8	77·1	72·4	70·2	25·3	78	− 1	5·4	+1·1	2·9	0	0	29	3	3	2	0	0	1	3	17	1
	1730	,,	891·5	932·9	...	80·7	73·4	69·6	25·1	71	...	6·6	...	3·2	0	0	30	9	1	2	1	2	1	0	14	0
Chhindwara ...	0830	2348	897·8	932·1	...	76·2	70·8	68·1	23·5	77	...	4·7	...	5·3	0	0	28	7	1	1	0	0	0	6	13	2
	1730	,,	895·5	929·4	...	81·1	72·2	67·4	23·3	65	...	5·7	...	4·7	0	0	30	9	4	0	1	0	1	4	11	0
Betul ...	0830	2144	898·0	936·1	...	74·9	70·6	68·5	23·8	80	...	6·6	...	4·9	0	0	29	1	2	0	0	0	0	10	16	1
	1730	,,	895·5	933·0	...	79·9	72·0	68·3	23·5	68	...	6·7	...	4·6	0	0	26	6	3	0	0	0	1	4	12	4
Nagpur ...	0530	1010	1005·5	970·9	...	75·1	72·4	71·8	26·0	89	...	5·4	...	2·9	0	0	23	2	0	0	0	1	3	9	8	7
	0830	,,	1007·2	972·8	+0·7	79·7	74·3	71·9	26·5	78	+ 6	5·0	+1·2	5·1	0	0	28	1	3	0	0	0	4	6	14	2
	1130	,,	1006·4	972·6	...	85·6	76·3	72·0	27·8	65	...	6·		6·1	0	1	29	6	7	1	1	1	0	8	6	0
	1730	,,	1003·9	969·8	...	81·3	74·4	71·1	25·7		...	7·3	...	5·1	0	2	27	4	1	0	1	2	5	9	7	1
	2330	,,	1006·5	971·7	...	76·7	73·3	71·7	26·4		...	5·8	...	3·3	0	0	25	1	0	1	0	0	8	8	7	5

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1008·7	993·3	+1·4	78·9	74·1	72·0	26·6	80	...	2·6	...	...	0	0	30	3	1	0	0	8	13	5	0	0
	1730	,,	1004·6	939·7	...	90·9	78·0	71·8	26·9	54	...	3·2	...	...	0	0	30	0	0	0	0	12	17	1	0	0
Surat ...	0530	39	1008·0	1005·6	...	76·6	74·3	73·3	27·9	89	...	5·1	...	1·9	0	0	21	0	0	2	6	0	5	7	1	9
	0830	,,	1003·9	1008·5	+1·7	79·3	75·7	74·5	28·7	84	+ 3	5·8	+0·6	2·4	0	0	26	0	0	1	5	0	20	0	0	4
	1130	,,	1009·7	1005·4	...	85·4	77·1	73·6	28·0	68	...	6·0	...	3·7	0	0	26	0	3	0	1	2	11	8	1	4
	1730	,,	1006·3	1005·0	...	86·7	76·9	72·6	27·1	62	...	4·2	...	6·7	0	0	30	0	0	0	0	4	25	0	1	0
	2330	,,	1008·7	1007·4	...	79·6	75·6	73·9	28·4	83	...	3·6	...	3·7	0	0	28	0	0	0	0	0	26	2	0	2
Ahmedabad ...	0530	182	1007·1	1000·8	...	76·3	73·6	70·7	25·7	83	...	2·4	...	4·7	0	0	27	0	0	0	0	2	5	16	4	3
	0830	,,	1008·9	1002·7	+1·1	79·5	74·4	72·0	26·8	78	+ 2	3·6	−0·5	6·4	0	0	29	0	0	0	0	1	7	14	7	1
	1130	,,	1009 1	1002·9	...	86·4	76·3	71·3	26·4	61	...	4·9	...	5·8	0	0	30	1	0	1	1	0	10	13	4	0
	1730	,,	1005·2	999·1	...	91·3	76·5	69·2	24·4	49	...	3·7	...	5·7	0	0	29	0	1	1	3	7	4	8	5	1
	2330	,,	1007·5	1001·3	...	80·9	75·7	73·2	28·0	77	...	2·3	...	7·1	0	0	27	0	0	0	0	10	12	5	0	3
Dohad ...	0830	1093	1009·0	971·6	...	76·9	72·2	69·7	24·8	79	− 7	4·4	−1·3	10·7	0	1	16	0	0	0	0	0	11	15	1	3
	1730	,,	1005·3	968·8	...	83·6	73·7	67·0	22·5	52	...	3·5	...	7·8	0	0	29	2	1	1	0	0	6	18	1	1
Baroda ...	0530	115	1007·5	1003·5	...	75·7	73·5	72·4	27·2	90	...	2·7	...	1·2	0	0	15	0	0	0	0	4	10	1	0	15
	0830	,,	1009·4	1005·4	...	79·2	74·9	72·9	27·6	81	0	3·5	−0·9	0·9	0	0	13	0	0	0	0	1	11	1	0	17
	1130	,,	1009·3	1001·4	...	87·2	76·8	71·8	26·7	61	...	4·9	...	2·5	0	0	27	0	0	0	1	2	18	4	2	3
	1730	,,	1005·6	1001·7	...	90·7	77·8	71·7	26·7	54	...	4·4	...	2·0	0	0	22	0	0	0	0	3	15	4	0	8
	2330	,,	1008·1	1004·1	...	79·7	75·6	73·6	28·4	82	...	2·4	...	2·2	0	0	20	0	0	0	1	4	14	1	0	10
Baroda (Aerodrome) ...	0530	124	1007·9	1003·5	...	76·3	72·9	71·1	26·1	84	...	5·3	...	3·0	0	0	24	0	0	0	2	0	19	3	0	6
	0830	,,	1009·5	1005·2	...	79·9	74·7	72·2	27·0	77	...	5·3	...	3·9	0	0	26	0	0	0	1	0	21	4	0	4
	1730	,,	1005·6	1001·4	...	90·3	75·8	68·5	23·9	49	...	5·3	...	5·2	0	1	23	1	0	0	0	1	15	6	1	6
	2330	,,	1008·2	1003·9	...	80·3	74·7	72·0	26·9	75	...	3·1	...	7·5	0	2	25	0	0	0	1	3	20	3	0	3
Broach ...	0830	57	1008·8	1006·8	...	78·0	74·2	72·5	27·2	84	...	4·0	...	2·2	0	0	29	0	0	0	1	3	20	4	1	1
	1730	,,	1005·3	1003·3	...	89·8	75·1	67·5	23·1	49	...	3·7	...	5·3	0	0	30	0	0	0	0	2	22	4	2	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1008·5	996·6	+1·3	78·2	72·9	70·9	25·3	76	0	1·9	−1·9	3·5	0	0	27	1	0	0	0	1	16	9	0	3
	1730	,,	1005·6	994·0	...	87·8	73·0	64·6	21·0	47	...	2·7	...	9·2	0	3	26	0	0	0	0	1	14	13	1	1
Bhuj (P.B.O.) ...	0530	347	1007·0	994·9	...	75·5	71·9	70·6	25·1	84	...	1·5	...	1·8	0	0	15	0	0	0	0	0	13	2	0	15
	0830	,,	1008·0	996·1	...	78·7	73·0	70·5	25·1	77	...	3·0	...	3·7	0	0	24	0	0	0	0	1	17	6	0	6
	1130	,,	1007·9	996·2	...	86·5	73·3	67·3	22·0	53	...	4·7	...	5·9	0	0	29	1	1	0	0	0	22	3	2	1
	1730	,,	1005·3	993·6	...	87·7	73·3	66·6	21·4	51	...	3·6	...	7·0	0	1	27	0	1	0	0	0	25	2	0	2
	2330	,,	1007·4	995·5	...	78·3	72·8	69·9	25·1	77	...	1·3	...	3·7	0	0	25	0	0	1	0	1	20	2	1	5
Dwarka ...	0830	37	1008·9	1007·6	+1·2	79·3	75·2	73·4	28·0	82	− 3	3·3	−0·9	8·1	0	1	29	1	0	0	0	0	10	18	1	0
	1730	,,	1006·9	1005·6	...	82·3	76·4	73·8	28·4	75	...	2·9	...	10·3	0	4	26	0	0	0	0	0	11	16	3	0
Jamnagar ...	0530	74	1006·7	1004·1	...	73·0	70·6	69·4	24·4	89	...	0·8	...	4·9	0	0	29	0	0	1	0	10	14	2	2	1
	0830	,,	1008·1	1005·5	+0·6	79·2	74·1	71·6	26·5	78	0	3·2	−0·4	5·5	0	0	29	0	0	0	0	3	20	6	0	1
	1130	,,	1008·3	1005·8	...	86·6	75·3	69·7	24·3	58	...	4·6	...	8·3	0	1	29	1	1	0	0	2	4	19	3	0
	1730	,,	1005·4	1002·9	...	86·2	75·8	71·1	25·7	61	...	3·5	...	13·8	0	19	11	2	0	0	0	1	0	15	12	0
Rajkot ...	0830	432	1008·8	993·8	+1·1	76·7	73·3	71·5	26·4	84	+ 3	1·8	−2·5	8·3	0	1	28	0	0	0	0	2	14	11	2	1
	1730	,,	1005·0	990·4	...	88·8	74·3	66·5	22·4	49	...	5·8	...	13·3	0	17	13	2	2	1	0	1	5	12	7	0
Rajkot (Aerodrome) ...	0530	439	1007 6	992·3	...	71·1	69·3	68·3	23·6	91	...	1·5	...	6·7	0	0	30	0	0	0	0	11	17	1	1	0
	0830	,,	1009·3	994·1	...	77·5	73·2	71·0	26·0	81	...	2·1	...	8·8	0	2	26	0	0	0	0	4	16	7	1	2
	1130	,,	1008·9	993·9	...	85·5	74·2	68·0	23·8	57	...	5·6	...	11·3	0	11	19	0	3	0	0	1	15	10	1	0
Veraval ...	0530	26	1007·6	1006·7	...	77·2	73·5	72·1	26·5	84	...	2·6	...	8·1	0	8	17	3	2	1	0	0	3	10	6	5
	0830	,,	1009·4	1008·5	+1·2	79·4	74·8	72·7	27·4	80	− 4	4·1	−0·4	7·7	0	2	25	3	5	0	0	1	3	12	3	3
	1130	,,	1009·8	1008·9	...	83·3	76·4	73·2	27·9	72	...	4·0	...	8·3	0	3	26	1	0	0	0	1	9	13	5	1
	1730	,,	1007·0	1006·1	...	82·2	76·2	73·5	28·1	75	...	3·3	...	10·9	0	8	22	0	0	0	0	0	2	21	7	0
	2330	,,	1008·8	1007·9	...	79·4	75·0	73·0	27·8	81	...	1·8	...	9·7	0	5	25	0	0	0	0	0	2	20	8	0
Bhavnagar ...	0830	55	1009·9	1008·0	+2·1	77·7	72·9	70·2	25·5	78	+ 3	4·0	−0·6	3·4	0	0	29	1	0	0	0	2	13	12	1	1
	1730	,,	1006·0	1004·1	...	88·8	77·3	72·0	26·8	59	...	4·6	...	5·5	0	0	30	0	0	2	5	17	4	1	1	0
Bhavnagar (Aerodrome) ...	0830	35	1009·6	1008·4	...	80·2	73·5	70·3	25·2	72	...	3·6	...	8·6	0	2	28	1	0	0	0	0	4	21	4	0
	1130	,,	1009·3	1008·1	...	87·7	73·6	66·1	21·9	49	...	5·9	...	7·7	0	3	27	2	0	1	0	1	11	12	3	0
Konkan																										
Dahanu ...	0830	15	1009·8	1009·3	...	79·0	76·5	75·4	30·0	89	...	5·3	...	6·3	0	0	30	0	1	12	13	1	0	3	0	0
	1730	,,	1007·2	1006·7	...	83·5	79·0	77·1	31·9	81	...	4·2	...	10·5	0	6	24	2	0	0	0	0	5	22	1	0
Bombay (Colaba) ...	0830	35	1010·2	1009·0	+1·3	80·4	75·7	73·4	28·2	79	− 6	5·1	−0·6	5·5	0	0	30	1	3	4	10	0	2	7	3	0
	1130	,,	1010·3	1009·1	...	83·4	76·6	73·4	28·2	72	...	5·1	...	4·9	0	0	30	1	1	0	7	2	5	8	6	0
	1730	,,	1007·6	1006·4	...	82·7	75·8	72·6	27·3	71	...	4·3	...	7·0	0	1	29	1	0	0	0	1	1	20	7	0
Bombay (Santacruz Aerodrome) ...	0530	27	1008·3	1007·4	...	74·9	73·5	72·8	27·5	93	...	4·3	...	1·9	0	0	14	1	3	6	3	0	0	0	1	16
	0830	,,	1010·1	1009·2	+1·2	78·4	75·3	73·8	28·6	86	+ 1	5·3	−0·4	3·7	0	0	24	0	4	11	8	0	0	1	0	6
	1130	,,	1010 3	1009·4	...	83·3	75·5	71·9	26·6	68	...	5·7	...	6·8	0	1	28	3	2	1	1	0	5	11	6	1
	1730	,,	1007·4	1006·5	...	83·2	75·2	71·3	26·2	68	...	4·7	...	9·1	0	4	26	2	1	0	0	0	3	13	11	0
	2330	,,	1009·5	1008·6	...	77·1	74·2	72·8	27·5	87	...	3·9	...	2·1	0	0	14	2	4	1	0	1	2	3	1	16
Alibag ...	0830	23	1010·4	1009·6	+1·5	78·2	75·3	74·0	28·6	87	+ 4	5·1	−0·7	2·5	0	0	19	1	1	8	7	0	0	0	2	11

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—SEPTEMBER 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd*																										
Harnai ...	0830	66	1010·3	1008·0	...	78·4	75·3	73·5	28·6	85	...	6·1	...	4·5	0	1	22	4	4	7	2	1	0	2	3	7
	1730	..	1007·7	1005·4	...	81·1	76·0	73·7	28·4	79	...	5·3	...	10·0	0	6	23	2	0	0	0	0	1	12	14	1
Ratnagiri ...	0830	116	1010·2	1006·2	+0·8	78·0	74·7	73·2	27·9	86	...	4·9	...	...	0	0	30	4	2	17	2	0	0	2	3	0
	1730	..	1007·6	1003·6	...	81·9	76·1	73·3	28·1	75	...	4·8	...	...	0	2	28	2	0	0	0	0	2	6	20	0
Devgad ...	0830	117	1010·4	1006·4	...	77·7	74·9	73·6	28·3	87	...	5·5	...	3·9	0	0	29	3	4	17	3	1	0	1	0	1
	1730	..	1007·8	1003·8	...	82·6	76·9	74·4	29·0	77	...	5·5	...	10·7	0	4	26	2	0	0	0	0	2	4	22	0
Vengurla ..	0530	29	1009·3	1008·3	...	73·7	72·8	73·3	27·1	96	...	3·9	...	...	0	0	2	0	0	1	0	0	0	0	1	28
	0830	..	1011·1	1010·1	...	79·2	75·5	73·7	28·5	84	...	5·2	...	...	0	0	5	0	0	0	0	0	0	4	1	25
	1130	..	1011·0	1010·0	...	83·8	76·6	73·2	28·0	71	...	4·9	...	...	0	0	15	0	0	0	0	0	4	7	1	15
	1730	..	1008·3	1007·3	...	81·9	76·0	73·3	28·0	75	...	5·7	...	...	0	0	12	0	0	0	0	0	1	9	3	18
	2330	..	1010·5	1009·5	...	75·8	74·2	73·5	28·2	93	...	3·4	...	...	0	0	1	0	0	0	0	0	0	1	0	29
Marmagao ...	0830	202	1010·8	1008·8	+0·9	78·5	75·1	73·7	28·2	85	− 2	4·9	−0·8	4·0	0	0	30	0	10	13	2	1	0	3	1	0
	1730	..	1008·2	1001·2	...	80·9	75·4	73·0	27·6	76	...	5·4	...	6·3	0	0	30	0	0	0	0	0	6	16	8	0
Honavar ...	0830	85	1011·0	1008·1	...	76·8	74·5	73·4	28·1	90	...	5·5	...	1·9	0	0	27	0	0	23	4	0	0	0	0	3
	1730	..	1008·3	1005·4	...	81·6	76·8	74·8	29·3	80	...	5·5	...	2·8	0	0	28	1	0	2	0	0	2	16	7	2
Deccan (Desh)																										
Jalgaon ...	0830	650	1009·3	986·4	...	77·5	72·4	69·8	24·9	77	...	4·7	...	10·7	0	11	18	1	0	0	0	1	1	14	12	1
	1730	..	1004·4	982·3	...	89·8	74·3	66·1	21·9	47	...	5·2	...	9·6	0	6	24	8	1	0	0	1	2	7	11	0
Malegaon ...	0830	1432	1009·3	960·7	+1·2	78·0	70·6	65·6	22·2	66	-10	4·2	-0·1	2·2	0	0	22	0	0	0	0	0	5	8	9	8
	1730	..	1005·7	958·9	...	83·8	72·2	66·3	21·8	57	...	4·7	...	3·1	0	0	30	0	3	0	0	0	5	5	17	0
Daolali ...	0830	1875	898·6	946·6	...	73·1	69·6	68·0	23·3	83	...	5·6	...	5·5	0	0	25	0	0	0	0	0	14	11	0	5
Ahmednagar ...	0830	2154	891·7	937·0	+1·0	72·8	67·7	64·7	21·1	76	− 2	5·4	+1·0	5·3	0	0	28	1	2	0	1	0	0	6	18	2
	1730	..	896·4	933·4	...	83·7	70·2	62·7	19·7	52	...	6·0	...	4·5	0	0	25	0	1	0	1	0	7	2	14	5
Poona ...	0530	1835	896·3	946·1	...	69·0	66·8	65·7	21·6	89	...	3·7	...	0·3	0	0	4	0	0	0	0	0	0	3	1	26
	0830	..	898·3	947·8	+1·0	73·3	68·9	66·6	22·3	80	− 1	4·6	−0·8	0·9	0	0	11	0	0	0	0	0	1	7	3	19
	1130	..	898·8	947·5	...	81·3	70·5	64·7	21·1	58	...	5·0	...	2·5	0	0	24	1	1	0	1	0	2	15	4	6
	1730	..	896·1	944·8	...	80·5	70·7	65·7	21·6	61	...	5·1	...	2·6	0	0	29	1	0	1	0	0	4	14	9	1
	2330	..	897·6	947·2	...	71·8	68·1	66·2	22·0	83	...	3·8	...	1·2	0	0	13	0	0	0	1	0	3	8	1	17
Poona (Lohagaon Aerodrome) ...	0530	1917	896·6	942·4	...	68·1	66·1	65·0	21·1	89	...	3·5	...	...	0	0	26	0	0	1	0	0	0	24	1	4
	0830	..	898·5	944·0	...	72·6	68·0	65·5	21·6	78	...	4·5	...	...	0	0	29	1	0	0	0	0	0	27	1	1
	1130	..	899·1	943·8	...	80·9	69·5	63·4	19·9	55	...	5·5	...	...	0	2	26	0	1	1	0	0	3	21	2	2
	1730	..	896·1	940·8	...	80·0	69·6	64·1	20·4	59	...	4·9	...	...	0	12	17	0	0	0	1	0	0	25	3	1
	2330	..	897·9	943·5	...	70·7	67·5	65·8	21·7	84	...	3·4	...	...	0	0	27	0	0	1	1	0	0	24	1	3
Jeur ...	0830	1709	897·6	951·5	...	75·4	70·0	67·3	22·9	77	...	4·7	...	7·0	0	0	30	2	1	0	1	0	1	12	13	0
	1730	..	894·6	947·1	...	86·3	72·3	64·9	21·4	52	...	5·8	...	9·3	0	7	23	4	3	1	2	0	2	9	9	0
Sholapur ...	0530	1570	1008·8	954·9	...	72·6	68·3	65·9	21·9	80	...	5·7	...	0·5	0	0	3	0	0	0	0	0	1	0	2	27
	0830	..	1009·7	956·4	+1·1	75·6	69·2	65·7	21·7	72	− 5	5·5	+0·5	0·9	0	0	14	0	5	0	0	0	6	0	3	16
	1130	..	1008·3	955·8	...	84·1	71·6	65·4	21·4	56	...	5·0	...	4·3	0	0	28	10	2	0	0	0	5	2	9	2
	1730	..	1003·9	951·9	...	86·7	71·7	62·6	20·4	49	...	6·1	...	1·8	0	0	19	4	3	0	0	0	6	2	4	11
	2330	..	1008·4	954·7	...	77·5	66·7	66·0	17·9	70	...	5·0	...	1·6	0	0	10	0	0	1	0	0	1	5	3	20
Miraj ...	0830	1817	898·6	948·8	+1·0	72·3	68·0	65·8	21·6	80	− 3	5·8	−0·5	5·7	0	0	24	1	1	0	0	0	2	12	8	6
	1730	..	896·5	945·5	...	82·8	70·8	64·7	20·8	56	...	6·1	...	9·2	0	7	21	0	0	1	0	0	3	14	10	2
Kolhapur ...	0530	1870	896·7	945·2	...	68·6	67·1	66·4	22·1	93	...	3·6	...	1·9	0	0	17	0	0	0	0	0	0	17	0	13
	0830	..	898·5	946·7	...	72·2	68·9	67·2	22·8	84	...	5·2	...	4·1	0	0	26	0	1	1	0	0	0	23	1	4
	1130	..	898·9	946·4	...	80·3	70·5	65·5	21·4	61	...	5·6	...	9·1	0	5	22	0	1	2	0	0	0	22	2	3
	1730	..	896·2	943·6	...	79·5	70·4	65·6	21·7	63	...	5·2	...	14·1	0	21	8	0	0	1	0	0	0	26	2	1
Bijapur ...	0830	1950	898·6	943·8	+0·7	74·0	68·7	65·9	21·8	76	− 2	4·3	−0·5	3·3	0	0	30	1	1	0	0	1	3	16	8	0
	1730	..	895·6	939·5	...	85·5	70·8	62·9	19·7	50	...	5·7	...	4·7	0	0	30	4	3	1	0	0	2	17	3	0
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	899·8	938·6	+1·1	73·0	68·2	65·1	21·6	77	− 5	5·9	+0·5	7·3	0	0	30	0	0	0	0	0	0	22	8	0
	1730	..	896·9	934·9	...	82·1	69·9	63·3	20·0	55	...	6·6	...	10·8	0	6	24	0	0	1	0	0	1	22	6	0
Gadag (P.B.O.) ...	0530	2150	897·7	936·1	...	68·8	67·3	66·9	22·2	93	...	4·0	...	...	0	0	19	0	0	0	0	0	1	18	0	11
	0830	..	899·7	937·8	...	72·6	68·8	67·1	22·5	82	...	5·4	...	...	0	0	22	0	0	0	0	0	0	21	1	8
	1130	..	899·8	937·3	...	81·4	71·2	66·9	22·0	62	...	5·0	...	...	0	0	20	0	0	0	0	0	0	20	0	10
	1730	..	896·9	934·1	...	82·2	71·2	66·6	21·6	61	...	5·3	...	...	0	0	26	1	0	0	0	0	5	20	0	4
	2330	..	898·9	937·1	...	71·9	69·2	68·0	23·3	88	...	3·2	...	...	0	0	24	0	0	0	0	0	3	20	1	6
Hyderabad, North																										
Aurangabad ...	0830	1905	898·4	945·3	+1·0	72·8	68·9	66·9	22·5	82	+ 4	5·2	−0·1	6·8	0	1	27	0	0	1	0	1	3	20	3	2
	1730	..	895·9	941·7	...	83·5	72·0	66·9	22·1	59	...	6·3	...	7·9	0	3	27	6	2	3	0	0	1	6	12	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	896·2	943·5	...	69·5	67·0	65·7	21·6	88	...	5·0	...	6·5	0	0	26	1	0	0	0	0	1	14	10	4
	0830	..	898·3	945·3	...	74·7	68·9	65·9	21·8	74	...	5·1	...	8·6	0	6	22	1	1	0	0	0	0	12	14	2
	1130	..	898·7	945·1	...	81·1	70·5	64·9	21·2	59	...	5·5	...	7·7	0	2	23	1	0	0	2	0	1	7	14	5
	1730	..	895·6	942·7	...	82·6	70·8	64·5	20·9	56	...	6·0	...	8·4	0	6	22	6	2	1	1	0	1	3	14	3
	2330	..	897·4	944·4	...	73·5	68·9	66·6	22·3	79	...	4·9	...	7·7	0	1	26	3	0	1	1	0	0	11	11	3
Parbhani ...	0830	1393	1009·3	961·9	...	75·7	71·0	68·5	23·8	79	...	5·1	...	...	0	0	27	0	3	0	0	0	1	17	6	3
	1730	..	1004·8	958·2	...	82·9	73·6	67·3	23·2	62	...	6·3	...	...	0	0	19	8	1	0	0	0	0	8	2	11
Ramagundam ...	0830	513	1007·4	989·7	...	79·0	75·0	73·1	27·8	83	...	6·1	...	1·9	0	0	23	4	2	0	1	0	5	6	5	7
	1730	..	1004·3	986·8	...	82·1	74·5	71·0	25·8	69	...	6·6	...	2·7	0	0	17	11	1	0	0	0	0	0	5	13

* Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1008·0	965·6	+0·7	78·2	74·0	71·8	26·8	80	0	5·3	+0·7	1·5	0	0	23	4	1	1	2	0	4	6	5	7
	1730	,,	1004·0	962·1	...	83·2	76·5	73·8	28·1	76	...	5·7	...	0·7	0	0	11	6	2	0	0	0	0	3	0	19
Bidar ...	0830	2178	898·2	935·3	...	72·5	68·7	66·5	22·4	81	− 2	6·5	+1·7	9·7	0	7	21	1	0	1	0	0	2	13	11	2
	1730	,,	895·5	931·8	...	80·9	71·3	66·5	22·3	64	...	7·1	...	7·5	0	3	27	3	3	2	1	2	4	5	10	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1009·2	958·1	+0·7	76·1	69·4	65·7	21·9	72	− 6	6·3	+1·4	9·3	0	4	26	2	2	0	0	0	3	10	13	0
	1730	,,	1003·8	953·9	...	86·5	71·6	63·2	20·3	50	...	6·6	...	8·0	0	0	30	3	5	1	0	0	3	8	10	0
Raichur ...	0830	1311	1009·0	964·8	+0·7	77·6	70·7	66·8	22·5	70	− 6	5·5	+1·4	10·3	0	13	16	2	0	0	0	0	1	13	13	1
	1730	,,	1003·7	960·3	...	89·2	72·0	61·4	19 0	42	...	6·3	...	6·5	0	0	30	2	1	0	1	0	1	10	15	0
Hyderabad (Nizamiah) ...	0830	1778	897·3	948·4	+0·8	76·6	71·4	68·8	24·1	77	− 3	6·2	+0·5	9 3	0	7	20	3	0	0	2	0	0	6	16	3
	1730	,,	894·9	945·5	...	81·2	72·7	68·6	24·0	67	...	6·8	...	8·3	0	2	26	8	4	1	2	0	0	8	11	2
Hyderabad (Begumpet) ...	0530	1787	895·4	946·5	...	73·3	70·4	68·8	24·2	87	...	6·4	...	8·1	0	4	24	2	0	0	1	0	0	16	9	2
	0830	,,	897·5	948·3	...	76·5	71·5	68·9	24·3	78	...	6·3	...	10·6	0	9	20	3	0	1	2	2	0	7	14	1
	1130	,,	897·7	948·0	...	81·7	72·9	68·7	24·1	65	...	6·2	...	12·4	0	14	16	3	0	0	3	1	1	3	19	0
	1730	,,	894·9	945·1	...	80·9	72·6	68·5	23·9	68	...	6·9	...	8·9	0	4	26	12	2	3	1	0	0	2	10	0
	2330	,,	896·3	947·3	...	74·8	71·5	70·1	24·9	85	...	6·0	...	5·2	0	1	22	6	2	1	2	0	0	4	8	7
Hanamkonda ...	0830	881	1008·1	978·0	+0·7	78·7	74·3	72·1	26·9	81	+ 4	5·5	+0·5	5·6	0	2	24	4	4	0	2	1	3	7	8	4
	1730	,,	1004·7	974·9	...	81·8	75·6	72·5	27·4	75	...	5·8	...	4·6	0	0	27	12	3	2	0	0	1	4	5	3
Khammameth ...	0830	367	1007·9	995·3	...	81·2	76·6	74·4	29·2	80	...	5·4	...	2·2	0	0	25	4	0	3	0	2	2	14	0	5
	1730	,,	1004·2	991·7	...	85·5	76·7	72·4	27·4	66	...	6·1	...	2·9	0	0	30	13	0	4	1	1	0	7	4	0
Coastal Andhradesa																										
Nellore ...	0530	65	1006·6	1004·3	...	79·4	75·3	73·3	28·1	82	...	4·8	...	2·3	0	0	19	0	0	0	2	2	5	8	2	11
	0830	,,	1008·3	1006·1	+0·5	84·5	76·1	71·9	26·9	67	− 3	4·8	−0·6	3·0	0	0	24	1	0	0	2	3	5	11	2	6
	1130	,,	1007·1	1004·9	...	91·4	76·6	69·0	24·5	49	...	4·2	...	4·2	0	0	29	0	0	1	4	1	1	11	11	1
	1730	,,	1004·1	1001·9	...	91·2	77·9	71·7	26·6	54	...	5·1	...	3·8	0	0	25	1	2	6	3	0	0	9	4	5
	2330	,,	1007·1	1004·9	...	82·3	78·0	76·0	30·8	82	...	3·7	...	1·5	0	0	12	0	0	0	3	4	3	2	0	18
Ongole ...	0830	38	1007·6	1006·3	...	85·7	80·4	77·8	32·9	78	...	5·1	...	5·9	0	0	30	1	0	0	3	4	9	9	4	0
	1730	,,	1003·7	1002·3	...	90·9	83·7	80·8	36·2	74	...	5·3	...	5·1	0	0	30	4	3	1	5	1	1	7	8	0
Gannavaram ...	0530	88	1005·8	1002·8	...	78·4	75·9	74·8	29·4	89	...	5·6	...	3·8	0	1	23	2	0	0	0	1	11	9	1	6
	0830	,,	1007·9	1004·9	...	82·5	77·9	75·4	30·4	80	...	5·6	...	6·9	0	4	23	1	0	0	2	1	5	12	6	3
	1130	,,	1007·0	1004·0	...	87·4	77·9	73·6	28·3	65	...	5·5	...	9·2	0	8	22	1	0	0	2	4	4	11	8	0
	1730	,,	1004·2	1001·2	...	85·3	77·1	73·2	28·1	69	...	6·0	...	7·7	0	4	23	2	1	1	3	2	1	5	12	3
	2330	,,	1006·7	1003·7	...	80·2	76·9	75·5	30·1	86	...	5·5	...	3·3	0	0	19	0	0	1	1	1	3	8	5	11
Masulipatam ...	0530	10	1005·9	1005·6	...	79·5	77·4	76·5	31·2	91	...	5·8	...	2·3	0	0	16	0	0	0	0	1	6	6	3	14
	0830	,,	1007·7	1007·4	−0·4	82·7	78·3	76·6	31·1	82	+ 1	6·3	+0·9	4·5	0	0	27	1	0	0	0	1	11	7	7	3
	1130	,,	1005·9	1006·6	...	86·2	78·9	75·8	30·4	71	...	5·8	...	7·1	0	1	28	1	0	1	0	4	3	17	3	1
	1730	,,	1004·0	1003·7	...	85·6	78·7	75·8	30·4	74	...	5·8	...	3·6	0	0	27	3	0	0	1	8	1	5	9	3
	2330	,,	1006·7	1006·4	...	81·1	78·3	77·1	31·8	88	...	4·6	...	0·8	0	0	5	0	0	0	0	0	0	4	1	25
Kakinada ...	0830	26	1007·0	1006·1	+0·2	84·4	79·5	77·4	32·1	80	0	5·1	−0·3	6·0	0	0	30	0	0	0	0	0	30	0	0	0
	1730	,,	1003·4	1003·5	...	85·6	79·8	77·2	32·2	76	...	5·5	...	5·9	0	0	29	0	0	0	0	0	27	0	2	1
Visakhapatnam ...	0530	11	1004·6	1004·2	...	79·1	78·1	77·7	32·4	96	...	5·6	...	1·6	0	0	12	0	1	0	0	0	1	6	4	18
	0830	,,	1006·2	1005·8	−0·1	84·3	79·9	78·1	32·9	82	+ 1	5·6	−0·2	2·3	0	0	14	0	1	0	0	0	2	6	5	16
	1130	,,	1005·3	1004·9	...	89·2	82·6	79·4	35·0	75	...	6·1	...	6·6	0	2	24	0	1	0	3	3	9	9	1	4
	1730	,,	1003·0	1002·6	...	84·9	82·1	81·0	36·2	89	...	6·7	...	6·5	0	1	26	1	0	2	1	2	13	3	5	3
	2330	,,	1005·4	1004·9	...	80·9	79·5	78·8	33·8	93	...	5·3	...	2·3	0	0	17	0	0	0	1	0	3	6	7	13
Calingapatam ...	0830	19	1005·7	1005·0	−0·4	80·2	77·5	76·3	31·0	88	+ 5	6·6	+2·1	4·1	0	0	30	0	0	0	0	0	5	15	10	0
	1730	,,	1002·7	1002·0	...	84·6	79·4	77·3	31·9	79	...	6·6	...	5·7	0	0	30	0	0	0	0	11	13	4	2	0
Rentachintala ...	0830	348	1007·5	995·6	...	81·4	75·1	72·2	26·9	74	+ 4	5·7	−0·1	2·1	0	0	15	1	0	0	1	1	0	12	0	15
	1730	,,	1003·8	992·0	...	88·4	76·5	70·3	25·7	58	...	6·7	...	3·4	0	0	22	13	1	0	0	0	0	5	3	8
Rayalaseema																										
Arogyavaram ...	0830	2299	899·9	932·5	...	75·9	67·4	62·7	19·4	64	...	5·3	...	6·5	0	2	26	2	1	1	0	1	0	7	16	2
	1730	,,	896·6	928·5	...	85·4	68·3	57·9	16·8	41	...	6·2	...	4·6	0	0	27	1	0	0	3	0	1	8	14	3
Cuddapah ...	0830	428	1009·4	994·7	+0·5	83·4	72·9	67·1	22·9	59	−12	4·7	−0·7	1·6	0	0	21	0	0	0	0	0	0	20	1	9
	1730	,,	1003·9	989·6	...	92·0	77·4	70·0	25·5	50	...	5·0	...	1·3	0	0	18	0	0	0	1	0	0	17	0	12
Bellary ...	0830	1473	1009·1	959·3	+0·3	77·1	70·1	66·4	22·0	70	0	4·6	−0·4	4·0	0	0	25	0	0	0	0	0	0	8	17	5
	1730	,,	1003·4	954·7	...	88·9	72·1	61·1	19·3	41	...	5·0	...	3·1	0	0	21	0	0	0	3	0	0	8	10	9
Kurnool ...	0830	923	1009·3	977·8	+0·8	78·2	71·5	68·1	23·3	72	− 3	5·3	−0·1	8·7	0	9	13	0	0	0	0	0	0	12	10	8
	1730	,,	1003·8	973·0	...	89·2	73·6	64·8	21·3	46	...	6·0	...	3·8	0	0	21	0	1	0	0	0	0	10	10	9
Anantapur ...	0530	1147	1007·9	968·8	...	75·0	69·7	66·6	22·4	76	...	4·7	...	4·8	0	0	23	1	0	0	0	0	0	16	6	7
	0830	,,	1009·5	970·4	...	77·7	70·3	66·1	21·9	68	...	4·4	...	4·9	0	0	23	0	0	0	0	0	0	16	7	7
	1130	,,	1008·0	969·5	...	86·1	71·8	63·4	20·2	48	...	4·6	...	5·7	0	1	25	1	0	0	0	0	1	13	11	4
	1730	,,	1003·2	965·3	...	91·4	71·6	59·1	17·5	35	...	6·1	...	6·6	0	1	28	1	2	0	0	1	0	14	11	1
	2330	,,	1007·4	968·6	...	81·4	71·1	65·4	21·4	59	...	3·8	...	7·3	0	5	19	0	0	0	1	0	2	15	6	6
Tamilnad																										
Palayamcottai ...	0830	167	1009·4	1003·8	...	86·3	73·7	66·6	22·7	53	...	3·0	...	4·9	0	1	29	4	1	0	1	0	3	17	4	0
	1730	,,	1005·4	999·7	...	90·3	75·1	6·9	23·0	48	...	5·4	...	8·6	0	5	25	1	0	1	4	4	2	16	2	0
Pamban ...	0830	37	1009·4	1008·1	0	83·3	78·1	6·6	30·5	79	+ 2	1·4	−1·5	6·2	0	0	30	3	1	0	3	14	6	3	0	0
	1730	,,	1006·3	1005·0	...	83·3	78·4	7		80	...	4·2	...	7·2	0	0	30	1	0	1	6	17	5	0	0	0
Mathurai ...	0830	437	1009·1	994·2	+0·5	84·2	73·0	6	22	57	− 9	3·6	−1·2	3·1	0	0	30	6	1	1	0	0	0	5	17	0
	1730	,,	1004·3	989·7	...	92·6	75·5	66·6	22·3	45	...	6·2	...	3·3	0	0	20	1	1	2	8	5	1	1	1	19

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed, (m.p.h.): mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	Wind speed, (m.p.h.): 13 to 38	Wind speed, (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1009·6	1008·5	+0·4	84·0	76·3	72·6	27·5	69	− 3	4·5	+0·3	4·1	0	0	26	0	0	0	1	2	15	8	0	4
	1730	,,	1005·4	1004·3	...	86·8	78·9	75·3	30·1	69	...	3·9	...	8·3	0	0	30	0	0	7	13	4	5	1	0	0
Tiruchirapalli ...	0530	289	1007·9	997·8	...	78·5	72·6	69·4	24·7	74	..	4·0	...	11·4	0	14	10	0	0	0	0	0	0	18	6	6
	0830	,,	1009·3	999·3	-0·1	82·8	73·9	69·4	24·5	65	− 7	4·0	−0·2	16·0	0	22	7	1	0	0	0	0	0	14	14	1
	1130	,,	1008·0	998·2	...	91·6	76·6	69·2	24·5	49	...	4·5	...	16·0	0	21	7	1	1	1	0	0	0	9	16	2
	1730	,,	1004·1	994·5	...	94·7	76·7	67·5	23·2	42	...	4·7	...	11·3	0	12	18	0	1	3	2	0	0	2	22	0
	2330	,,	1008·6	998·7	...	83·0	75·0	70·9	26·0	67	...	4·1	...	7·8	0	7	14	0	0	0	4	3	4	4	6	9
Coimbatore ...	0830	1341	1010·4	964·8	+0·6	76·7	70·8	67·2	23·0	73	− 8	2·8	−1·1	9·1	0	1	29	0	15	15	0	0	0	0	0	0
	1730	,,	1005·7	960·8	...	83·8	72·5	66·2	23·1	56	...	4·7	...	10·7	0	5	25	0	15	15	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1008·7	963·9	...	70·9	69·5	68·7	23·9	93	...	3·7	...	8·8	0	4	24	1	0	0	0	10	17	0	0	2
	0830	,,	1009·9	965·4	...	76·4	70·9	68·1	23·4	75	...	3·2	...	7·6	0	2	27	0	2	0	0	11	15	1	0	1
	1130	,,	1008·1	964·5	...	85·3	72·3	64·9	21·2	51	...	4·2	...	11·2	0	14	13	1	1	0	1	11	12	0	1	3
	1730	,,	1004·7	961·0	...	83·5	72·5	66·6	22·3	57	...	4·1	...	19·0	0	26	2	0	1	0	0	9	17	2	0	2
	2330	,,	1009·1	964·5	...	73·2	70·6	69·2	24·4	87	...	3·0	...	17·4	0	25	5	0	1	0	0	10	19	0	0	0
Salem ...	0530	913	1008·0	976·7	...	75·5	71·0	67·9	23·9	78	...	2·9	...	2·3	0	0	25	0	0	0	1	2	11	11	0	5
	0830	,,	1009·7	978·6	+0·1	79·3	71·9	67·8	23·4	68	-10	3·5	-1·2	2·9	0	0	27	0	1	0	0	1	14	11	0	3
	1130	,,	1008·2	977·6	...	87·8	73·9	64·7	20·8	47	...	3·6	...	3·6	0	0	27	2	0	0	0	0	1	17	7	3
	1730	,,	1003·8	973·6	...	91·7	73·3	62·8	19·6	40	...	4·4	...	2·3	0	0	24	2	0	1	0	0	7	14	0	6
	2330	,,	1008·5	977·5	...	80·8	71·8	66·7	22·5	64	...	4·3	...	2·6	0	0	21	1	0	0	2	1	11	6	0	9
Kallakurichi ...	0830	416	1008·7	994·5	...	82·7	73·7	69·3	24·3	64	...	4·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1003·4	989·6	...	93·9	75·5	65·6	21·8	41	...	4·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1007·4	1006·1	...	79·6	75·2	73·1	27·8	81	...	3·6	...	3·1	0	0	17	0	0	0	2	6	8	1	0	13
	0830	,,	1009·0	1007·7	+0·2	83·9	75·3	71·3	26·1	65	-10	4·1	−0·5	1·9	0	0	21	0	0	0	0	2	16	2	1	9
	1130	,,	1008·0	1006·7	...	90·9	76·5	69·2	24·6	50	...	3·8	...	5·8	0	0	28	1	0	2	9	2	5	8	1	2
	1730	,,	1004·7	1003·4	...	87·1	78·6	74·7	29·5	68	...	3·8	...	3·9	0	0	30	0	0	0	22	6	0	2	0	0
	2330	,,	1008·1	1006·3	...	82·5	77·5	75·3	29·9	79	...	2·2	...	5·7	0	0	25	0	0	0	1	6	13	4	1	5
Vellore ...	0530	703	1007·5	983·5	...	78·1	71·7	68·3	23·6	73	...	4·5	...	1·9	0	0	16	1	1	0	0	1	3	4	6	14
	0830	,,	1009·0	985·0	+0·6	83·0	73·1	66·6	22·7	60	-13	4·3	+0·3	3·1	0	0	27	0	2	0	0	0	1	12	12	3
	1130	,,	1007·3	983·7	...	89·9	73·8	64·9	21·2	45	...	4·1	...	6·0	0	0	30	1	0	0	0	1	4	10	14	0
	1730	,,	1003·7	980·4	...	92·9	73·4	62·2	19·2	37	...	5·0	...	4·4	0	0	28	2	2	1	5	0	4	6	8	2
Madras * ...	2330	,,	1007·7	983·9	...	83·2	74·0	69·3	24·5	63	..	4·4	...	4·0	0	0	21	0	2	0	7	6	2	4	0	8
	0530	51	1007·0	1005·2	...	80·1	76·4	75·0	29·4	84	...	4·0	...	4·6	0	0	25	0	0	0	2	10	4	9	0	5
	0830	,,	1008·7	1007·0	+0·5	84·1	76·4	72·9	27·6	69	− 3	4·5	−0·5	8·2	0	4	26	0	0	0	0	4	11	13	2	0
	1130	,,	1007·6	1005·9	...	91·2	76·8	70·1	24·9	51	...	4·6	...	8·6	0	3	26	2	0	0	3	3	4	12	5	1
	1730	,,	1004·7	1003·0	...	87·5	78·2	74·5	28·8	65	...	4·4	...	8·1	0	0	30	1	0	7	17	3	0	2	0	0
	2330	,,	1007·8	1006·1	...	82·3	78·6	77·1	31·7	85	...	2·9	...	4·5	0	1	23	0	0	1	9	12	2	0	0	6
Madras (Nungambakkam) ...	0830	21	1008·2	1007·5	...	85·2	76·6	72·8	27·4	67	...	4·2	...	5·6	0	1	28	1	0	0	0	8	13	6	1	1
Malabar and South Kanara																										
Mangalore ...	0530	72	1009·5	1007·0	...	74·7	73·6	73·0	27·8	95	...	5·1	...	2·9	0	0	26	0	3	21	1	0	0	0	1	4
	0830	,,	1011·1	1008·7	+0·4	77·8	74·6	73·0	27·8	85	− 3	5·5	−0·3	3·1	0	0	27	2	2	20	1	0	1	0	1	3
	1130	,,	1011·0	1008·5	...	82·8	76·3	73·4	28·0	74	...	4·8	...	4·3	0	0	29	1	0	0	0	0	4	18	6	1
	1730	,,	1008·3	1005·8	...	81·1	76·0	73·7	28·4	78	...	5·8	...	4·9	0	0	29	1	0	0	0	0	2	19	7	1
	2330	,,	1010·8	1008·3	...	77·3	75·2	73·9	28·9	90	...	4·8	...	1·8	0	0	21	3	3	11	2	0	0	2	0	9
Kozhikode ...	0530	27	1009·2	1008·3	...	75·3	73·8	73·3	27·8	94	...	3·9	...	1·2	0	0	18	2	8	7	1	0	0	0	0	12
	0830	,,	1010·8	1009·8	-0·1	78·9	75·1	73·2	28·1	83	− 5	4·9	−0·5	3·1	0	0	26	1	6	5	0	0	2	0	4	4
	1130	,,	1010·9	1010·0	...	84·7	78·1	75·4	29·8	74	...	4·1	...	5·3	0	0	30	0	0	0	0	0	4	14	13	0
	1730	,,	1007·9	1007·0	...	83·1	78·4	76·3	31·1	80	...	4·9	...	5·5	0	0	30	4	0	0	0	0	1	9	16	0
	2330	,,	1010·7	1009·8	...	78·0	75·6	74·3	29·1	89	...	3·5	...	4·6	0	1	22	4	3	0	0	0	0	3	13	7
Palghat ...	0830	319	1011·1	1000·0	...	77·9	74·3	72·7	27·4	84	...	4·7	...	6·5	0	0	30	0	0	2	1	0	1	26	0	0
	1730	,,	1007·4	996·5	...	83·4	74·6	70·3	25·3	65	...	4·6	...	9·5	0	3	27	0	0	1	0	0	3	25	1	0
Mysore																										
Chitaldrug ...	0830	2405	900·1	929·3	+0·6	70·8	66·9	64·8	20·9	81	+ 1	5·2	−1·0	4·4	0	0	28	0	0	0	0	0	5	23	0	2
	1730	,,	897·2	925·6	...	84·1	69·6	61·9	18·8	48	...	5·7	...	3·6	0	0	28	0	1	0	0	0	17	10	0	2
Shimoga ...	0830	1872	899·2	947·3	...	72·7	68·8	67·1	22·4	82	...	6·1	...	3·5	0	0	26	1	0	0	3	2	9	5	6	4
	1730	,,	896·5	943·8	...	80·5	71·9	67·6	23·2	66	...	5·7	...	5·1	0	0	30	0	0	1	1	1	16	6	5	0
Hassan ...	0830	3149	901·0	905·4	...	67·3	64·6	63·1	19·7	86	+ 4	4·2	−1·6	7·2	0	3	24	1	1	0	1	0	1	21	2	3
	1730	,,	898·3	902·7	...	76·1	68·2	64·1	20·3	67	...	5·1	...	10·9	0	9	21	0	0	0	1	0	10	19	0	0
Bangalore (Central Observatory) ...	0830	3031	899·4	909·7	+0·5	70·7	66·2	63·0	20·2	77	− 7	5·0	−1·6	6·7	0	1	26	1	1	0	0	0	4	13	8	3
	1130	,,	900·7	909·1	...	78·8	68·0	61·9	18·9	57	...	5·3	...	7·7	0	1	26	1	0	0	1	1	1	11	12	3
	1730	,,	897·7	906·1	...	80·6	67·4	59·7	17·6	49	...	6·0	...	6·7	0	2	26	0	2	1	1	0	3	12	9	2
Bangalore (Aerodrome) ...	0530	2942	899·4	910·6	...	67·1	65·4	64·5	20·8	91	...	3·4	...	...	...	...	...	0	0	0	0	0	0	18	1	11
	0830	,,	901·1	912·2	...	71·6	66·7	61·0	20·4	77	..	·2	...	...	...	...	...	1	0	0	0	0	0	15	10	4
	1130	,,	900·6	911·5	...	79·6	69·2	63·4	21·1	.	..	.	...	...	...	...	...	0	0	0	2	0	0	12	12	4
	1730	,,	897·7	908·6	...	81·0	69·0	61·8	21·3	5	..	.	...	...	...	...	...	0	1	0	2	0	4	8	12	3
	2330	,,	900·5	911·5	...	71·8	67·4	65·0	21·1	86	..	4·1	...	...	...	...	...	0	1	0	1	0	1	18	5	4

(*) Observations for 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations — Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	900·9	926·4	+0·6	70·5	66·7	64·6	20·8	82	+ 3	4·9	−0·9	4·8	0	0	29	0	1	1	2	0	4	21	0	1
	1730	,,	898·2	922·9	...	82·2	69·6	62·7	19·6	53	...	5·3	...	10·1	0	6	24	0	0	2	0	0	5	21	2	0
Balehonnur ...	0830	2917	...	...	...	68·0	66·6	65·8	21·7	93	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1011·3	1011·0	0	80·1	75·5	73·3	28·1	80	− 4	6·0	+0·9	5·3	0	1	29	3	11	8	2	1	0	4	1	0
	1730	,,	1008·1	1007·8	...	81·1	76·4	74·4	28·9	80	...	6·3	...	9·3	0	3	27	2	0	0	0	0	0	11	17	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1009·8	1009·6	...	74·8	73·6	72·9	27·7	94	...	4·8	...	2·3	0	0	15	3	5	6	1	0	0	0	0	15
	0830	,,	1011·3	1011·1	...	79·2	75·1	73·3	27·9	82	...	4·4	...	3·8	0	0	22	5	7	7	1	1	0	1	0	8
	1130	,,	1010·9	1010·7	...	84·0	76·1	72·4	27·6	68	...	4·3	...	7·0	0	0	30	4	1	0	0	0	3	6	16	0
	1730	,,	1008·3	1008·1	...	82·0	75·8	73·1	27·6	74	...	5·5	...	7·9	0	0	30	2	0	0	0	0	1	10	17	0
	2330	,,	1010·9	1010·7	...	77·5	75·5	74·6	29·2	91	...	3·5	...	2·8	0	0	17	3	7	1	1	0	0	3	2	13
Alleppey ...	0830	12	1011·2	1010·8	...	81·7	77·3	75·4	30·1	82	...	5·7	...	7·6	0	1	29	4	10	4	1	0	2	2	7	0
	1730	,,	1008·3	1007·9	...	82·9	77·8	75·5	30·3	79	...	5·4	...	10·9	0	7	23	3	0	0	0	0	0	6	21	0
Trivandrum ...	0530	211	1009·5	1002·2	...	74·8	73·5	72·6	27·6	94	...	2·8	...	3·4	0	0	28	8	0	0	0	0	0	0	20	2
	0830	,,	1011·1	1003·8	+0·1	78·9	74·9	72·9	27·7	82	− 1	4·1	−1·3	3·3	0	0	30	7	1	0	0	0	0	0	22	0
	1130	,,	1010·3	1003·1	...	85·4	77·1	73·1	28·0	67	...	4·9	...	7·2	0	0	30	3	0	0	0	0	2	4	21	0
	1730	,,	1008·0	1000·7	...	81·3	76·5	74·2	28·8	78	...	4·6	...	6·3	0	0	29	3	0	0	1	0	0	2	23	1
	2330	,,	1010·8	1003·5	...	77·1	75·5	74·4	29·1	92	...	3·0	...	2·9	0	0	28	5	0	0	0	0	0	0	23	2
Nagercoil * ...	0530	195	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1130	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	2330	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	897·8	888·1	...	70·4	68·6	67·6	22·9	91	...	7·2	...	1·7	0	0	15	0	0	5	6	1	2	1	0	15
	1730	,,	894·8	885·1	...	70·6	69·4	68·6	24·3	94	...	7·9	...	2·2	0	0	12	1	0	0	1	1	3	4	2	18
Shillong ...	0830	4921	898·6	848·6	−0·3	69·2	65·8	63·9	20·0	84	+ 5	6·7	+1·1	0·1	0	0	1	0	0	0	0	0	1	0	0	20
	1730	,,	896·0	846·0	...	68·1	65·6	64·1	20·4	87	...	7·3	...	0·5	0	0	5	0	0	0	0	1	4	0	0	25
Cherrapunji ...	0830	4309	898·6	866·8	−0·9	67·0	65·8	65·0	21·4	94	+10	7·6	+1·5	3·5	0	1	29	3	6	6	3	5	7	0	0	0
	1730	,,	895·7	864·2	...	68·3	67·1	65·8	22·5	94	...	7·2	...	3·6	0	0	30	1	5	1	3	9	9	2	0	0
Darjiling ...	0830	7432	800·9	775·8	−0·7	60·1	59·6	59·2	17·3	97	+ 7	7·6	+1·2	4·2	0	2	26	0	1	17	4	0	0	5	1	2
	1730	,,	797·9	773·8	...	59·0	58·6	58·5	16·6	98	...	7·4	...	6·0	0	1	27	0	0	7	6	0	0	14	1	2
Darjiling (Raj Bhawan) ...	0830	6980	803·3	791·6	...	62·1	60·7	59·8	17·6	93	...	7·2	...	0·1	0	0	9	4	2	0	1	0	2	0	0	91
	1730	,,	800·5	788·9	...	62·4	61·1	60·3	17·7	94	...	7·8	...	1·4	0	0	17	1	0	0	1	2	9	4	0	13
Kalimpong ...	0830	3965	896·3	875·2	−2·7	68·4	67·7	67·0	23·1	95	+ 6	4·7	−1·0	0·7	0	0	7	0	0	0	1	0	0	0	6	23
	1730	,,	893·7	872·5	...	70·4	69·1	68·4	23·5	93	...	4·6	...	2·5	0	0	19	0	0	0	19	0	0	0	0	11
Katmandu ...	0830	4388	899·1	865·3	...	71·2	68·0	65·9	22·4	84	+ 5	6·6	+0·6	0·6	0	0	9	0	0	1	5	2	1	0	0	21
	1730	,,	896·1	862·8	...	73·6	69·4	67·1	23·1	81	...	6·1	...	0·3	0	0	5	2	0	2	1	0	0	0	0	25
Mukteswar (Kumaon) ...	0830	7592	801·0	772·3	+0·3	59·7	56·8	54·8	14·7	85	+ 4	3·5	−0·8	6·3	0	4	21	0	3	3	1	2	3	9	4	5
	1730	,,	799·0	770·6	...	63·5	60·6	59·0	16·4	85	...	4·6	...	9·6	0	4	26	0	0	0	0	0	10	16	4	0
Lokpal ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	799·4	795·9	...	64·0	59·9	52·8	13·7	80	− 8	4·0	−0·8	0	0	0	5	0	0	0	2	2	1	0	0	25
	1730	,,	798·2	794·5	...	63·8	62·1	60·9	18·5	90	...	5·9	...	1·5	0	0	22	0	1	0	9	11	1	0	0	8
Simla ...	0830	7224	799·7	781·4	+0·3	64·2	56·5	51·4	12·9	64	− 7	2·2	−1·4	0·7	0	0	11	4	4	2	0	0	0	0	1	19
	1730	,,	798·6	780·2	...	65·0	59·3	55·0	15·2	71	...	4·3	...	1·6	0	0	24	4	2	1	1	5	4	3	4	6
Dalhousie ...	0830	...	...	...	...	64·4	60·9	58·6	16·4	49	...	1·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	...	...	...	...	67·5	65·3	63·5	19·9	55	...	2·3	...	2·3	0	2	3	0	0	5	6	0	0	0	0	25
Dharamshala ...	0830	3975	902·9	881·5	...	73·7	65·3	61·4	17·9	64	...	2·2	...	0·1	0	0	3	0	0	2	0	0	0	0	1	27
	1730	,,	901·1	849·9	...	78·8	67·6	62·2	18·4	57	...	1·7	...	1·0	0	0	24	2	0	0	0	0	0	21	1	6
Pachmarhi ...	0830	3528	899·9	892·3	+1·2	70·9	67·7	65·9	22·1	84	+ 1	5·5	+0·3	5·0	0	0	28	1	0	2	0	0	0	6	19	2
	1730	,,	897·2	889·7	...	75 6	70·4	67·6	23·3	77	...	6·8	...	2·5	0	0	24	1	2	0	0	0	0	14	7	6
Abu ...	0830	3921	899·2	879·4	+0·7	68·1	64·0	61·5	18·7	80	0	3·0	−1·4	2·0	0	0	19	0	0	1	0	7	8	3	0	11
	1730	,,	897·6	878·0	...	73·6	66·0	61·7	18·8	67	...	4·1	...	2·5	0	0	26	0	0	1	1	12	8	2	2	4
Mahabaleshwar ...	0830	4534	901·2	862·2	+0·7	62·4	61·7	61·0	18·5	95	− 2	6·9	−0·1	7·1	0	2	25	3	0	2	1	0	8	7	6	3
	1730	,,	898·9	860·1	...	64·5	64·0	63·6	20·1	97	...	7·5	...	6·7	0	0	30	0	0	1	0	1	5	14	9	0
Nandi Hills ...	0830	4851	...	...	...	64·0	58·1	59·3	14·1	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	902·0	886·4	+1·3	64·4	62·9	61·9	19·0	92	0	4·9	−1·5	4·8	0	0	25	0	1	1	0	0	0	11	12	5
	1730	,,	899·3	883·9	...	67·8	66·9	65·3	22·1	86	...	4·9	...	2·2	0	0	30	0	1	1	0	0	0	14	14	0
Kodaikanal ...	0830	7688	802·6	771·3	+0·9	56·7	53·7	51·5	13·0	83	+ 7	4·6	+0·1	7·0	0	3	27	1	3	2	5	7	1	2	9	0
	1130	,,	802·3	771·3	...	61·9	57·1	53·9	14·2	76	...	6·9	...	6·5	0	2	28	2	2	5	10	2	0	0	9	0
	1730	,,	800·8	769·7	...	58·3	55·9	54·1	14·2	87	...	6·8	...	5·9	0	0	28	0	3	1	13	4	1	0	6	2
Ootacamund ...	0830	7378	802·1	779·2	+0·3	55·4	53·3	51·8	13·1	87	+ 4	3·7	−2·0	2·8	0	0	19	0	2	0	0	7	1	6	3	11
	1730	,,	799·9	777·3	...	60·6	56·4	53·8	14·0	78	...	5·0	...	2·3	0	0	19	3	5	0	0	0	1	3	7	11
Coonoor ...	0830	...	...	...	...	66·6	59·6	55·2	14·9	67	+ 1	3·4	−1·6	6·2	0	3	24	2	0	0	15	5	2	1	2	3
Sikkim																										
Lachen ...	0830	...	...	...	...	57·7	56·6	54·0	15·3	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Observatory closed from 1-9-52

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung(Chumbi)	0830	...	...	...	...	56·9	55·0	53·4	14·1	90	+ 5	2·1	-2·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	632·1	657·6	...	57·3	54·5	53·3	13·8	87	...	4·2	...	0·1	0	0	1	0	0	0	1	0	0	0	0	29
Gyantse ...	0830	13,110	626·9	627·6	...	54·3	46·7	40·9	8·5	62	+ 4	3·6	+0·3	0·6	0	0	8	0	2	1	3	0	0	1	2	22
Ceylon																										
Colombo ...	0330	24	1011·2	1010·4	-0·1	81·2	76·2	73·6	28·6	78	+ 5	5·4	-0·4	7·1	0	0	29	0	0	2	2	1	12	10	2	1
	1730	,,	1008·4	1007·6	...	82·0	76·2	73·1	28·2	76	...	6·4	...	8·7	0	5	25	0	0	0	0	2	16	12	0	0
Trincomalee ...	0830	24	1009·5	1008·7	+0·7	83·8	75·3	70·2	26·1	65	-13	4·1	+0·5	11·1	0	13	16	0	1	0	0	1	27	0	0	1
	1730	,,	1006·3	1005·6	...	84·9	77·4	73·7	28·7	70	...	6·1	...	7·3	0	3	26	0	6	8	6	0	6	3	0	1
Batticoloa ...	0830	20	1009·5	1009·2	...	83·2	75·7	72·5	27·4	73	...	3·2	...	5·3	0	0	28	0	0	1	3	5	8	7	4	2
	1730	,,	1006·4	1006·1	...	84·6	79·1	76·2	31·5	76	...	4·3	...	11·7	0	17	13	0	0	5	24	1	0	0	0	0
Hambantota ...	0830	61	1010·5	1008·4	+0·1	81·5	76·5	74·0	28·9	78	- 7	3·6	-0·2	14·5	0	25	5	0	0	0	0	0	21	7	2	0
	1730	,,	1007·4	1005·3	...	81·9	76·4	73·9	28·6	77	...	4·4	...	20·1	0	26	4	0	0	0	0	0	25	4	1	0
Mannar ...	0830	12	1009·9	1009·4	...	87·6	78·6	76·6	31·6	83	...	4·6	...	9·0	0	5	25	0	0	0	0	10	20	0	0	0
	1730	,,	1006·8	1006·3	...	82·9	78·9	76·6	31·9	82	...	6·0	...	9·9	0	7	23	0	0	1	1	14	14	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1003·6	976·8	...	76·6	75·6	75·2	29·8	95	...	6·5	...	1·5	0	0	13	0	0	3	1	0	4	1	4	17
	0830	,,	1004·9	978·3	...	81·6	77·4	75·6	30·2	82	...	6·3	...	2·5	0	0	23	3	2	1	8	2	3	2	2	7
	1130	,,	1004·1	977·7	...	86·0	78·6	75·2	30·1	71	...	6·6	...	4·1	0	0	29	5	4	2	12	1	2	2	1	1
	1730	,,	1001·6	975·1	...	82·9	77·8	75·6	30·2	79	...	6·5	...	3·1	0	0	26	5	3	2	7	0	4	0	5	4
	2330	,,	1004·5	977·7	...	78·3	76·7	76·1	30·6	93	...	4·5	...	1·6	0	0	12	1	1	2	4	0	2	1	1	18
Hazaribagh ...	0530	2019	893·1	935·5	...	73·0	72·2	71·5	26·6	95	...	5·2	...	1·3	0	0	11	1	0	1	0	3	1	2	3	19
	0830	,,	894·9	937·1	...	77·5	74·1	72 6	27·4	85	...	5·5	...	3·3	0	0	26	6	1	2	2	1	2	4	8	4
	1130	,,	894·9	936·6	...	81·9	75·2	72·4	27·1	73	...	6·0	...	3·8	0	0	26	6	0	3	3	2	1	2	9	4
	1730	,,	892·5	934·4	...	78·6	74·8	73·2	27·9	84	...	6·2	...	2·4	0	0	24	6	2	3	1	0	4	2	6	6
	2330	,,	894·2	936·5	...	74·5	73·3	72·9	27·5	94	...	4·1	...	1·7	0	1	14	1	1	3	1	1	2	5	1	15
Dhanbad ...	0530	839	1003·3	974·7	...	78·2	77·0	76·4	31·4	94	...	4·3	...	2·7	0	0	19	5	3	4	2	3	1	1	0	11
	0830	,,	1004·8	976·4	...	82·3	78·4	76·7	31·3	83	...	5·6	...	4·2	0	0	24	3	6	3	3	4	2	1	2	6
	1130	,,	1003·9	975·8	...	86·6	79·4	76·1	31·1	72	...	5·4	...	5·0	0	0	30	2	3	10	9	3	1	1	1	0
	1730	,,	1001·6	973·3	...	82·9	78·4	76·5	31·2	81	...	6·0	...	4·7	0	0	28	3	3	6	5	4	2	2	3	2
	2330	,,	1004·2	975·6	...	79·1	77·4	76·4	31·3	92	...	3·9	...	2·5	0	0	19	3	2	5	5	2	1	1	0	11
Mahanadi Catchment																										
Baramul ...	0830	210	1005·0	997·8	...	81·3	77·9	76·9	31·1	86	...	...	...	1·8	0	0	20	3	3	3	0	2	3	5	1	10
	1730	,,	1002·0	994·9	...	80·3	77·5	76·8	30·8	89	...	...	...	1·1	0	0	12	0	0	1	0	0	1	6	4	18
Hirakud ...	0830	522	1004·7	987·1	...	81·9	77·5	75·9	30·2	82	...	...	...	0·7	0	0	10	0	1	0	0	3	3	3	0	20
	1730	,,	1003·2	985·0	...	82·2	77·3	75·1	29·7	81	...	...	...	0·4	0	0	4	1	0	0	1	1	0	1	0	26
Barkachhar ...	0830	...	...	...	...	77·7	74·9	73·6	28·9	87	...	6·4	...	4·6	0	1	24	1	0	0	2	0	12	5	5	5
	1730	...	...	...	...	79·6	75·4	73·4	28·1	82	...	6·9	...	4·1	0	0	21	4	1	0	1	1	6	2	6	9
Sonepur ...	0830	...	...	...	...	81·1	77·4	76·1	30·4	84	...	...	...	4·8	0	1	27	0	0	1	2	0	2	21	3	2
Ginabahar ...	0830	...	...	...	...	79·0	75·8	74·8	29·0	87	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0330	...	...	...	...	80·5	76·9	75·3	29·9	84	...	5·5	...	3·2	0	0	23	1	3	1	0	1	6	11	0	7
	1730	...	...	...	...	82·9	77·9	75·4	29·3	78	...	5·8	...	2·3	0	0	17	2	1	0	0	3	4	6	1	13
Ganga Catchment																										
Tapoban ...	0330	...	...	...	...	62·6	57·5	53·5	13·9	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	51·6	46·2	40·2	8·2	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	78·5	73·3	70·6	25·7	77	...	4·7	...	6·5	0	3	25	0	0	1	0	1	19	6	1	3
	1730	...	...	...	...	88·4	76·6	71·1	25·7	58	...	5·8	...	5·6	0	1	27	1	5	0	0	0	9	8	5	3
Bagra Tawa ...	0830	...	...	...	...	78·6	74·3	72·1	26·9	81	...	5·7	...	4·1	0	0	30	0	1	0	0	1	28	0	0	0
	1730	...	...	...	...	83·3	76·4	73·1	28·6	72	...	6·4	...	2·9	0	0	25	0	1	1	0	0	23	0	0	5
Thikri ...	0830	...	...	...	...	80·7	78·2	77·1	31·9	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	78·3	68·7	70·5	19·6	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	74·6	70·4	66·4	22·2	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	80·3	73·5	69·9	25·1	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

SEPTEMBR 1952

ALLAHABAD (Sur. Pr. 992 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	98	302·1	304	299	299·2
1000	22	20	...	...	...	...
900	22	956	298·1	301	293	293·9
850	22	1456	294·9	298	291	290·2
800	22	1983	290·6	294	287	287·0
700	21	3113	283·4	286	274	279·7
600	19	4383	277·8	280	272	275·2
500	18	5861	270·1	277	262	261·0
400	17	7582	259·6	264	248	...
300	13	9724	247·4	252	239	...
250	9	11020	239·6	244	229	...
200	8	12562	231·4	238	220	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

CALCUTTA (1004 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	5	300·9	302	297	298·3
1000	30	39	...	...	...	...
900	30	968	295·7	298	293	293·3
850	30	1463	293·1	296	290	290·6
800	30	1987	290·2	293	286	287·8
700	30	3117	284·8	287	280	281·8
600	30	4396	278·7	281	276	275·4
500	29	5867	270·9	274	266	269·5
400	29	7602	260·2	265	252	...
300	29	9739	247·1	253	242	...
250	28	11033	238·2	244	231	...
200	27	12552	226·8	235	218	...
175	13	13425	220·5	227	213	...
150	8	14437	213·4	222	204	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

JODHPUR (981 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	218	304·0	305	303	292·1
1000	30	46	...	...	...	...
900	30	984	298·3	304	296	289·3
850	30	1483	293·7	299	291	287·5
800	30	2006	290·1	294	286	283·3
700	30	3132	282·8	287	276	276·1
600	30	4396	275·2	281	269	265·6
500	30	5852	269·4	274	263	...
400	30	7583	259·4	263	253	...
300	29	9711	244·8	251	239	...
250	26	10993	235·5	244	229	...
200	26	12498	224·6	234	218	...
175	13	13377	218·5	231	211	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

MADRAS (1005 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	15	301·8	303	301	297·5
1000	30	59	...	...	...	...
900	30	993	297·9	300	295	290·1
850	30	1492	294·5	297	291	287·1
800	30	2018	290·5	294	288	285·4
700	30	3145	283·2	286	281	277·1
600	29	4417	277·0	280	270	266·6
500	26	5879	269·2	271	266	...
400	26	7605	258·4	262	253	...
300	20	9729	244·9	250	241	...
250	21	11003	235·1	241	229	...
200	18	12503	225·5	231	223	...
175	13	13387	218·1	223	213	...
150	10	14371	211·9	219	207	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

NAGPUR (971 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	307	299·3	301	296	295·4
1000	30	49	...	...	...	...
900	30	978	296·7	299	292	291·8
850	30	1476	293·7	297	290	290·2
800	30	1998	290·2	293	286	287·2
700	30	3129	283·8	291	279	280·7
600	30	4403	276·7	281	272	273·8
500	27	5865	268·7	273	264	...
400	27	7594	260·5	265	254	...
300	24	9734	248·4	253	243	...
250	17	11088	239·0	247	235	...
200	14	12575	230·1	238	225	...
175	13	13488	222·5	229	218	...
150	12	14452	216·3	223	208	...
125	8	15395	210·7	215	204	...
100	5	16966	05·3	211	199	...
80	...	...	...	...	...	...

NEW DELHI (980 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	210	301·9	305	299	285·3
1000	29	027	...	...	...	...
900	28	961	301·0	308	297	285·5
850	28	1468	296·4	303	292	283·6
800	28	1995	291·4	299	288	281·7
700	29	3124	290·3	290	279	274·3
600	29	4392	276·1	283	270	266·6
500	29	5850	270·0	275	262	...
400	29	7586	260·1	267	253	...
300	28	9718	246·3	250	235	...
250	23	11001	237·1	245	223	...
200	19	12524	225·8	237	219	...
175	8	13441	221·8	234	211	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

SEPTEMBER 1952

	POONA (Sur. Pr. 946 mb.)						PORT BLAIR (1000 mb.)						TRIVANDRUM (1003 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	30	557	297·0	301	295	292·7	30	81	299·0	300	297	298·0	30	64	299·1	300	297	296·1
1000	30	076	...	...	...	...	29	80	...	...	...	...	30	88	...	...	...	...
900	30	995	294·3	299	291	290·6	29	1007	293·0	296	291	291·0	30	1012	293·9	296	292	290·1
850	30	1487	291·9	296	289	288·3	28	1495	290·0	294	288	288·0	30	1505	291·1	293	289	287·9
800	30	2009	289·5	293	287	285·8	27	2018	288·0	290	285	284·0	30	2026	288·6	291	286	284·8
700	30	3135	284·5	288	281	278·8	27	3142	283·0	286	279	277·0	30	3151	283·7	286	281	277·0
600	29	4409	279·2	283	275	272·3	27	4411	276·0	281	271	271·1	30	4423	276·6	279	273	269·8
500	29	5883	271·1	275	266	...	26	5866	268·0	271	264	...	30	5881	268·6	271	267	...
400	29	7624	261·2	265	258	...	24	7590	259·0	263	253	...	30	7604	258·5	261	254	...
300	22	9765	248·6	252	243	...	22	9711	246·0	250	239	...	30	9723	244·2	247	240	...
250	22	11064	239·0	243	235	...	15	11001	236·0	240	231	...	29	11004	235·3	241	232	...
200	21	12599	229·2	235	226	...	11	12534	227·0	232	222	...	25	12519	225·6	230	221	...
175	20	13477	223·6	232	218	...	5	13417	220·0	228	213	...	15	13400	220·7	224	215	...
150	19	14493	216·1	229	208	...	...	...	...	...	...	...	13	14382	214·3	218	208	...
125	13	15645	210·2	224	203	...	...	...	...	...	...	...	10	15491	208·8	213	205	...
100	8	16043	207·3	222	202	...	...	...	...	...	...	...	9	16864	203·6	207	199	...
80	5	17961	205·0	219	198	...	...	...	...	...	...	...	...	...	...	...	...	...
	VERAVAL (1007 mb.)						VISAKHAPATNAM (997 mb.)											
Surface	30	8	299·8	301	299	296·9	21	48	301·7	304	299	297·4						
1000	30	69	...	...	...	...	8	23	...	...	...	...						
900	30	994	293·4	297	291	291·1	8	957	297·1	298	295	291·5						
850	30	1487	291·0	295	289	288·5	8	1455	294·5	296	293	289·6						
800	30	1007	288·5	291	286	284·0	8	1995	290·5	292	288	287·1						
700	30	3133	284·3	287	281	274·4	8	3111	283·9	287	281	280·7						
600	30	4416	280·5	284	275	266·8	8	4383	277·4	282	275	274·6						
500	30	5895	271·5	275	267	...	8	5849	270·4	275	267	...						
400	29	7637	260·8	265	257	...	...	...	...	...	...	...						
300	27	9779	247·3	251	243	...	...	...	...	...	...	...						
250	26	11074	238·3	245	231	...	...	...	...	...	...	...						
200	20	12601	228·7	233	223	...	...	...	...	...	...	...						
175	17	13492	223·4	229	216	...	...	...	...	...	...	...						
150	13	14482	218·7	226	213	...	...	...	...	...	...	...						
125	7	15610	213·2	223	208	...	...	...	...	...	...	...						
100	...	...	...	...	...	...	...	...	...	...	...	...						
80	...	...	...	...	...	...	...	...	...	...	...	...						

Note:—Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.

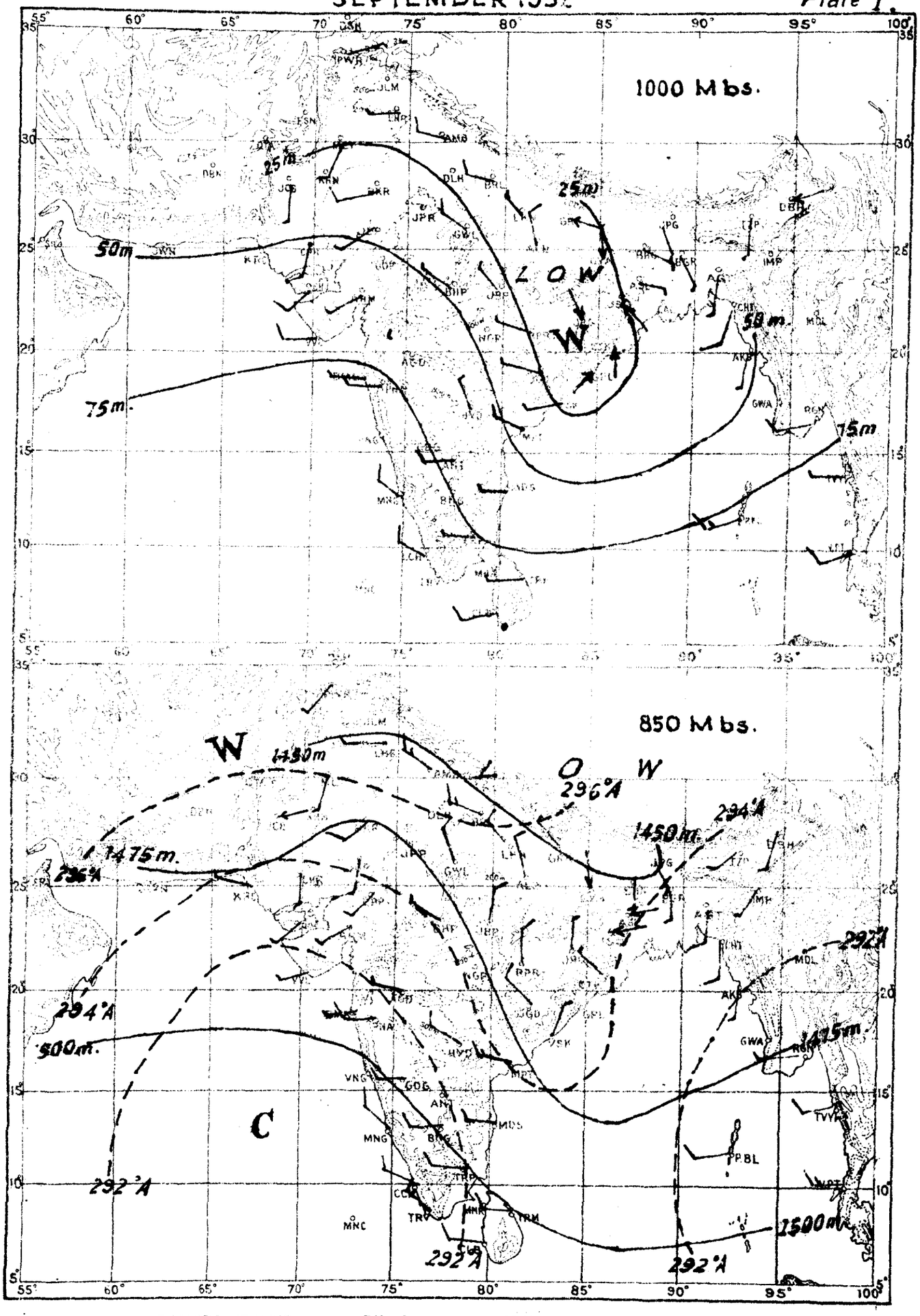
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S1—176 DDG Ob. Poona-14-5-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

SEPTEMBER 1952

Plate 1.



RESULTANT WIND ——\= 5 Knots, ——= 10 Knots, ——\= 50 Knots.

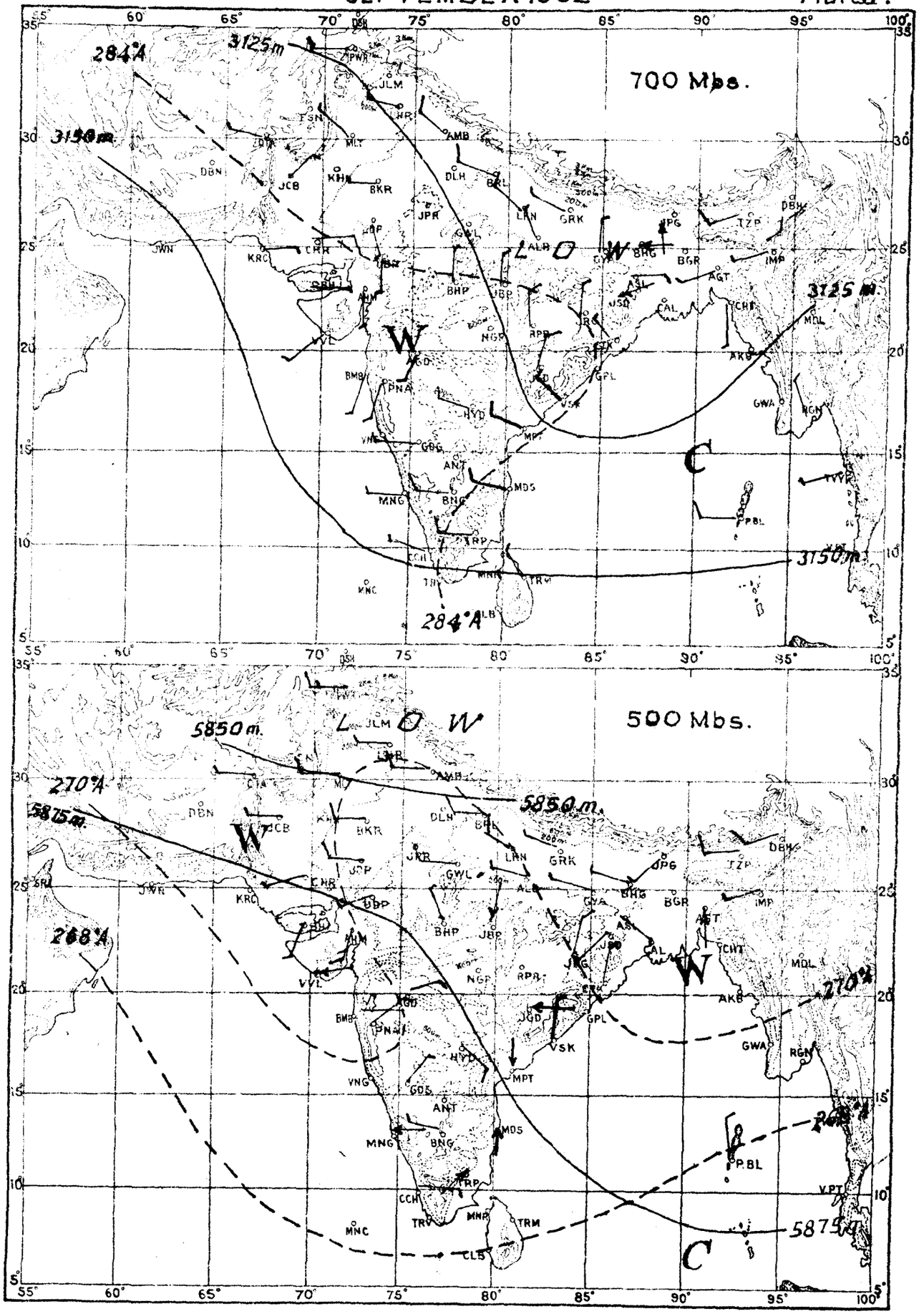
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

SEPTEMBER 1952

Plate II.



RESULTANT WIND ——= 5 Knots, ——= 10 Knots, ——= 50 Knots.

------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

OCTOBER

Published by authority of the Government of India

Chief features : (i) Three depressions and one cyclonic storm in the Bay of Bengal, and (ii) large excess of rainfall in northeast India, outside Bihar and sub-Himalayan West Bengal, and in Malabar-south Kanara.

A depression formed in the southwest Bay of Bengal on the evening of the 4th with centre near Lat. 10°N., Long. 89°E. Moving initially northwestwards and then in a northerly direction, it was centred about 250 miles east of Nellore on the 6th morning, and about 200 miles east of Masulipatam on the morning of the 7th. Thereafter, it weakened into a trough which crossed the Orissa coast by the 8th evening, and after recurving, moved away northeastwards across Gangetic West Bengal by the 11th. Simultaneously with this depression, another trough of low pressure appeared over the east Arabian Sea off the Malabar-Kanara-south Konkan coast on the 3rd and persisted there till the 9th.

These two disturbances were responsible for a good spell of rain over the Peninsula throughout the first week of the month. Locally heavy rain occurred in Travancore-Cochin on the 5th and 6th, in the south Konkan on the 8th and in coastal Andhradesa on the 7th; Kakinada reported 7.5" of rain on the 7th. The rain belt then extended to Orissa and east Madhya Pradesh on the 7th and over the whole northeast India on the 8th Locally heavy falls were reported from Orissa on the 7th and 8th, and from Gangetic West Bengal on the 8th. Fairly widespread rain continued in northeast India, outside Bihar, till the 10th and in Assam till the 13th. Locally heavy falls were reported from Assam, Gangetic West Bengal, Orissa and Chota Nagpur during this period; Cherrapunji had 18" on the 11th.

A well-marked trough developed in the west central Bay of Bengal on the 13th and concentrated into a shallow depression by the 14th evening. The depression moved initially in a westerly direction, and then following a northnortheasterly track crossed the south Circars coast between Ongole and Masulipatam on the 16th night. Thereafter, it weakened and lay as a diffuse low over coastal Andhradesa on the 17th morning and became unimportant by the next day. The depression was responsible for local or fairly widespread rain along the east coast on the 15th and in Orissa, east Madhya Pradesh, Hyderabad and coastal Andhradesa on the 16th and 17th. Heavy rain was reported from a few stations in coastal Andhradesa on the 15th.

Under the influence of another low pressure wave from the east, conditions became unsettled in the north Andaman Sea and neighbourhood by the 16th evening. The unsettled conditions developed into a depression in the east central Bay of Bengal on the 19th morning, with centre about 250 miles northnorthwest of Port Blair. It followed a northerly track, and by the 22nd morning when it was centred about 200 miles southeast of Calcutta it had become shallow. It then weakened further and passed inland as a low pressure wave by the next morning, giving local or fairly widespread rain in Assam on the 22nd and 23rd and in coastal West Bengal on the 23rd.

With the approach of yet another low pressure wave from the east conditions again became unsettled in the north Andaman Sea on the 22nd, which concentrated into a deep depression by the next morning with its centre about 150 miles southwest of Rangoon. Moving in a northwesterly direction, it intensified into a cyclonic storm by the same evening when it was centred about 100 miles west of Bassein. It crossed the Burma coast near Akyab on the 24th morning and, after weakening into a depression, moved away in a northeasterly direction.

During the month there was also fairly widespread or local rain in Malabar-South Kanara between the 12th, and 18th and on the 26th and 27th, in Mysore between the 12th and 14th and again between the 22nd and 26th, in Travancore-Cochin between the 12th and 17th and also between the 25th and 29th and in the Konkan & Deccan (Desh) between the 17th and 20th Local showers occurred in Hyderabad and Rayalaseema between the 16th and 20th, in coastal Andhradesa on the 18th and 20th and in Tamilnad between the 18th and 22nd and again on the 25th and 26th. Heavy to very heavy rain was reported from a few stations in the south Konkan and Malabar-south Kanara between the 9th and 15th.

Of the three western disturbances which moved across the extreme north of the country during the month, the first caused a few showers in Kashmir on the 4th. The other two did not cause any precipitation.

Total rainfall for the month was in large excess in Assam, West Bengal, Orissa and Malabar-South Kanara and in moderate excess in the Konkan, south Hyderabad and Mysore. It was normal in the Bay

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WEATHER BUREAU

Islands, Deccan (Desh), north Hyderabad, coastal Andhradesa and Travancore-Cochin; in slight defect in Chota Nagpur and Rayalaseema; in moderate defect in east Madhya Pradesh and Tamilnad. And in large defect in Bihar, Uttar Pradesh, Rajasthan, Madhya Bharat, Vindhya Pradesh, west Madhya Pradesh and Saurashtra and Kutch. There was no rain in the Punjab (I) and Gujarat. Averaged over the plains of India, the rainfall was normal.

The mean maximum temperature was above normal in Uttar Pradesh, the Punjab (I), Madhya Bharat Vindhya Pradesh, west Madhya Pradesh and Gujarat and normal elsewhere. The mean minimum temperature was above normal in Assam and Gujarat and normal in the remaining divisions.

The mean relative humidity in the morning was in defect in Uttar Pradesh, the Punjab (I), east Rajasthan, Madhya Bharat and Vindhya Pradesh and normal over the rest of the country.

The mean cloud amount in the morning was in excess in the Bay Islands, Assam, West Bengal, Orissa, Rajasthan, Madhya Bharat, Madhya Pradesh, Hyderabad, Rayalaseema and Travancore-Cochin, in defect in Uttar Pradesh and Vindhya Pradesh. It was normal elsewhere over the country.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for the 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hours I. S. T. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hours I. S. T. of the date given in the succeeding column.

POONA—5,
10th February, 1954.

A. K. ROY,
for *Director General of Observatories.*

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	9·94 +5·32	215 ...	85·5 − 0·3	73·5 + 2·2	88 + 4	84 ...	4·9 + 0·8	3·8 ...
2 West Bengal ...	6·92 +2·43	154 ...	88·7 + 0·3	74·1 + 1·0	78 + 1	75 ...	3·7 + 0·9	4·2 ...
3 Orissa ...	10·71 +4·81	182 ...	87·9 − 0·7	73·9 0	79 + 1	73 ...	4·5 + 1·4	5·1 ...
4 Bihar ...	1·28 −1·34	49 ...	88·4 + 0·8	70·9 + 1·1	72 0	68 ...	2·6 + 0·3	3·4 ...
5 Uttar Pradesh ...	0·19 −1·09	15 ...	93·3 + 2·7	66·6 + 1·0	59 − 7	45 ...	0·7 − 0·2	1·1 ...
6 Punjab (I) (including PEPSU and Delhi) ...	0 −0·47	0 ...	95·7 + 2·9	63·8 + 0·6	49 − 8	28 ...	0·6 − 0·1	0·7 ...
7 Rajasthan ...	0·01 −0·31	3 ...	95·3 + 1·1	65·4 + 0·9	47 − 5	27 ...	1·1 + 0·3	1·4 ...
Sub-Division								
1 Bay Islands ...	13·42 −0·09	99 ...	84·6 + 0·7	74·8 + 1·0	84 + 3	91 ...	6·4 + 1·2	6·4 ...
2 Assam (including Manipur and Tripura) ...	9·94 +5·32	215 ...	8·55 − 0·3	73·5 + 2·2	88 + 4	84 ...	4·9 + 0·8	3·8 ...
3 West Bengal ...	6·92 +2·43	154 ...	88·7 + 0·3	74·1 + 1·0	78 + 1	75 ...	3·7 + 0·9	4·2 ...
4 Orissa ...	10·71 +4·81	182 ...	87·9 − 0·7	73·9 0	79 + 1	73 ...	4·5 + 1·4	5·1 ...
5 Chota Nagpur ...	2·20 −0·55	80 ...	87·1 + 0·4	69·0 + 0·9	71 − 1	65 ...	3·1 + 0·5	4·5 ...
6 Bihar ...	0·83 −1·74	32 ...	89·4 + 1·2	72·4 + 1·3	73 0	69 ...	2·3 + 0·2	2·7 ...
7 Uttar Pradesh, East ...	0·17 −1·51	10 ...	93·3 + 2·5	68·5 + 1·3	64 − 7	51 ...	0·9 − 0·3	1·2 ...
8 Uttar Pradesh, West ...	0·22 −0·67	25 ...	93·4 +2·9	64·8 + 0·7	54 − 8	37 ...	− 0·6 − 0·2	1·0 ...
9 Punjab (I) (including PEPSU and Delhi) ...	0 −0·47	0 ...	95·7 + 2·9	63·8 + 0·6	49 − 8	28 ...	0·6 − 0·1	0·7 ...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0·01 −0·16	6 ...	96·9 + 0·8	66·7 + 1·3	49 − 2	31 ...	1·0 + 0·4	1·2 ...
12 Rajasthan, East (including Ajmer) ...	0·01 −0·49	2 ...	93·7 + 1·4	64·0 + 0·5	45 − 7	21 ...	1·3 + 0·3	1·7 ...
13 Madhya Bharat ...	0·01 −0·96	1 ...	93·0 + 3·1	64·1 + 0·6	48 − 11	30 ...	2·0 + 0·7	2·4 ...
14 Vindhya Pradesh ...	0·40 −1·44	22 ...	91·8 +3·1	63·5 − 1·1	61 − 7	45 ...	1·2 − 0·8	1·7 ...
Division—contd.								
8 Madhya Bharat and Vindhya Pradesh ...	0·16 −1·14	12 ...	92·6 + 3·1	63·9 0	53 − 9	36 ...	1·7 + 0·1	2·1 ...
9 Madhya Pradesh ...	0·90 −1·40	39 ...	90·4 + 1·8	67·8 + 1·3	63 − 3	48 ...	3·2 + 0·9	4·1 ...
10 Bombay (including Saurashtra & Kutch) ...	2·62 −0·04	98 ...	92·5 + 1·2	71·0 + 1·1	71 + 1	48 ...	3·8 + 0·3	3·3 ...
11 Hyderabad	3·12 +0·76	132 ...	88·8 − 0·2	70·1 + 0·9	73 + 4	54 ...	4·3 + 1·4	5·1 ...
12 Madras (including Travancore-Cochin) ...	7·19 −1·57	82 ...	88·5 − 0·4	74·8 + 0·4	78 0	68 ...	5·3 + 0·8	5·8 ...
13 Mysore ...	9·14 +3·05	150 ...	80·7 − 1·7	65·9 0	86 + 4	67 ...	5·6 + 0·5	5·9 ...
Mean of India ...	3·15 0	100 ...	90·9 + 1·0	69·4 + 0·8	67 − 2	52 ...	3·0 + 0·5	3·4 ...
Sub-Division—contd.								
15 Madhya Pradesh, East ...	1·91 −1·29	60 ...	87·2 + 0·5	68·5 + 1·2	74 0	61 ...	3·7 + 1·0	4·8 ...
16 Madhya Pradesh, West ...	0·26 −1·47	15 ...	92·5 + 2·6	67·4 + 1·3	57 − 5	39 ...	2·9 + 0·9	3·6 ...
17 Gujarat ...	0 −1·25	0 ...	98·0 + 3·1	71·1 + 2·4	65 − 3	36 ...	2·0 + 0·3	2·0 ...
18 Saurashtra & Kutch ...	0·07 −0·43	14 ...	94·7 + 0·8	71·7 + 0·7	71 + 2	46 ...	1·9 + 0·3	1·9 ...
19 Konkan ...	6·93 +1·62	131 ...	86·6 − 1·1	74·8 − 0·1	84 + 4	21 ...	3·7 − 0·1	4·3 ...
20 Deccan (Desh) ...	3·47 +0·02	101 ...	90·2 + 1·2	68·7 + 1·2	70 + 1	46 ...	3·6 + 0·4	4·6 ...
21 Hyderabad, North ...	2·21 +0·18	109 ...	88·8 + 0·6	69·3 + 1·2	69 + 3	49 ...	3·9 + 1·1	4·9 ...
22 Hyderabad, South ...	4·03 +1·33	149 ...	88·7 − 0·8	70·7 + 0·8	76 + 5	57 ...	4·6 + 1·6	5·2 ...
23 Coastal Andhradesa ...	10·18 −1·06	91 ...	88·9 − 0·6	74·9 − 0·7	80 + 2	72 ...	4·9 + 0·6	5·2 ...
24 Rayalaseema ...	3·53 −0·51	87 ...	89·4 − 1·4	73·3 + 0·8	73 + 1	54 ...	5·2 + 1·2	5·7 ...
25 Tamilnad ...	4·48 −3·91	53 ...	89·5 + 0·4	75·3 + 1·0	76 − 3	66 ...	5·1 + 0·6	5·9 ...
26 Malabar & South Kanara ...	13·98 +4·77	152 ...	85·1 − 0·9	74·7 0	85 + 1	79 ...	5·7 + 0·7	6·1 ...
27 Mysore ...	9·14 +3·05	150 ...	80·7 − 1·7	65·9 0	86 + 4	67 ...	5·6 + 0·5	5·9 ...
28 Travancore–Cochin ...	13·23 +0·18	101 ...	84·1 − 1·1	74·7 + 0·3	86 + 3	81 ...	7·0 + 1·9	6·9 ...

NOTE.—The entries in the second line for each division and sub-division indicate departures from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean beween 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	84·6	+0·7	87	25,30	74·8	+1·0	72	14	6·78	12·42	− 0·09	2·17	8	19	+2·3	9·2	7·4	-0·2	23	0	0	6	5	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	29·35	...	12·20	10	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	84·2	−0·1	91	22	71·9	+2·4	68	10,11,12	1·55	6·84	+ 0·85	2·67	11	9	+0·4	1·2	0·8	+0·1	14	0	0	0	0	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome)	83·5	...	89	6days	70·7	...	66	31	1·64	7·79	...	2·45	11	8	...	3·4	1·9	...	14	0	0	0	1	0	0	0	0	0
Sibsagar ...	82·3	−2·0	88	2,16	73·2	+2·6	68	31	2·37	7·90	+ 2·73	2·23	11	10	+2·1	3·2	2·4	+1·0	14	0	0	4	2	0	0	0	0	0
Tezpur ...	88·2	+1·9	93	5days	73·2	+2·0	70	9,31	3·41	8·79	+ 4·69	4·33	11	8	+1·7	1·4	1·0	-0·5	9	0	0	2	1	0	0	0	0	0
Tezpur (P. B. O.) ...	80·2	...	91	3.23	72·7	...	69	11, 29,31	2·97	9·41	...	4·44	11	7	...	1·8	1·3 (b)	...	11	0	0	4	1	0	0	0	0	0
Gauhati ...	86·9	−0·1	90	6days	72·7	+1·7	68	30	2·97	7·50	+ 4·72	3·03	11	6	+3·8	2·8	1·5	+0·3	7	0	0	1	0	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	4	10	0	0	0	0	0
Dhubri ...	84·8	+0·5	90	1,4	75·1	+2·3	72	9	2·09	12·47	+ 7·57	3·75	9	7	+2·0	3·4	3·0	-0·2	8	0	0	3	1	0	0	0	0	0
Silchar ...	87·7	−0·6	93	24	75·1	+2·9	72	8	5·52	13·05	+ 5·80	5·34	13	7	−0·9	0·5	0·1	-0·9	11	0	0	3	0	0	0	0	0	0
Tura ...	34·7	...	90	31	70·5	...	66	30	8·98	15·48	...	4·35	11	13	...	1·6	1·7	...	15	0	0	0	0	0	0	0	0	0
Lumding ...	83·2	−1·7	88	17	71·4	+1·5	67	31	1·16	9·93	+ 6·39	4·25	10	11	+5·1	...	...	...	12	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	87·6	...	93	3.7	75·5	...	68	26,27	4·18	6·75	...	2·27	13	6	...	3·0	2·4	...	7	0	0	5	4	0	0	0	0	0
Calcutta ...	88·5	−0·7	94	7	75·4	+1·6	67	27	3·42	6·01	+ 1·56	1·83	10	4	−2·2	3·3	2·0	-0·1	10	0	0	7	0	0	0	0	1	0
Saugor Island ...	86·0	−0·8	91	19	77·0	+0·7	71	29,31	7·33	16·84	+ 8·77	5·44	10	9	+1·5	7·6	6·9	+1·1	13	0	0	3	0	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	3·18	9·11	+ 4·48	3·70	10	7	+1·3	...	...	...	8	0	0	0	1	0	0	0	0	0
Midnapore ...	87·7	−1·4	93	5	72·7	−0·7	62	27	3·61	5·85	+ 2·05	1·86	13	8	+3·4	3·4	2·0	+0·6	9	0	0	0	0	0	0	0	0	0
Contai ...	90·9	...	93	7days	79·5	...	74	4days	4·38	14·55	...	5·40	10	7	...	2·8	2·1	...	8	0	0	3	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	7·84	+ 4·72	2·88	10	6	+1·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	88·7	−0·4	94	3	74·2	0	68	30	3·10	4·55	+ 1·25	1·20	10	7	+2·6	3·0	2·1	+0·8	7	0	0	0	0	0	0	0	0	0
Krishnagar ...	91·9	+2·4	97	3	73·4	+0·4	62	26	5·00	5·71	+ 1·47	2·89	13	6	+1·0	2·7	1·5	-0·3	7	0	0	6	1	0	0	0	0	0
Asansol ...	88·8	−0·2	93	18	72·3	+1·5	62	27	1·39	7·63	+ 3·34	4·46	8	4	−1·5	4·4	3·0	0	6	0	0	4	0	0	0	0	0	0
Berhampore ...	90·8	+2·4	97	5	74·9	+1·0	66	26	4·97	6·12	+ 2·48	2·12	13	6	+1·5	1·9	1·0	-0·4	8	0	0	1	0	0	0	0	0	0
Malda ...	87·9	−0·2	92	18	74·2	+1·9	70	28	1·46 (f)	3·04	− 1·31	2·00	9	5	+0·7	4·4	3·0	+0·2	8	0	0	5	0	0	0	0	0	0
Cooch Behar ...	89·1	...	97	24	73·3	...	65	25	0·53	4·71	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	88·3	+1·6	92	25,26,30	72·9	+2·6	68	31	0·32	5·54	− 0·02	2·45	1	6	+0·5	4·3	2·9	+1·7	10	0	0	9	1	0	0	0	0	0
Bagdogra ...	88·8	...	93	23	71·1	...	64	4days	2·17	4·89	...	1·28	4	8	...	2·0	1·2	...	13	0	0	3	0	0	0	0	0	0
Orissa																												
Balasore ...	86·8 (b)	−1·6	92	18	73·8	+0·5	64	27,28	4·39	14·49	+ 6·06	6·68	8	8	+1·6	3·9	2·6 (f)	+0·8	11	0	0	7	0	0	0	0	0	0
Chandbali ...	87·6	−0·3	...	...	74·4	−0·2	64	28	3·57	14·64	+ 7·01	5·95	8	8	−0·3	4·7	2·8	-0·9	9	0	0	0	0	0	0	0	0	0
Puri ...	88·3	−0·3	92	4,19,26	76·8	−0·2	69	28,29	4·46	11·65	+ 4·44	4·61	8	11	+3·7	8·6	7·3	+0·9	12	0	0	7	0	0	0	0	0	0
Bhubaneswar ...	87·5	...	92	19	72·5	...	61	28	7·98	11·60	...	2·37	8	12	...	6·9	5·5	...	12	0	0	9	0	0	0	0	0	0
Cuttack ...	88·9	−0·8	94	19	74·9	+0·5	65	28	4·65	8·98	+ 3·64	2·57	8	11	+4·7	4·1	2·8	+1·5	13	0	0	8	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	6·13	10·13	...	2·66	7	12	...	2·8	1·6	...	13	0	0	8	0	0	0	0	0	0
Gopalpur ...	88·0	−0·2	92	21,27	74·3	−0·3	65	28	6·20	15·25	+ 6·65	4·67	7	8	+1·1	7·3	5·6	-0·1	10	0	0	2	0	0	0	0	0	0
Koraput ...	79·2	...	84	18	63·2	...	52	29	2·65	6·41	...	1·61	13	9	...	...	...	...	10	0	0	0	0	0	0	0	0	0
Angul ...	87·1	−1·4	93	19	72·5	+0·9	62	28	4·50	7·07	+ 3·13	1·79	7	9	+3·3	3·9	3·1	0	10	0	0	8	0	0	0	0	0	0
Sambalpur ...	88·4	−0·4	92	5	70·3	−1·2	59	28	1·68	2·86	+ 0·72	1·00	9	7	+3·5	3·3	2·0	-0·3	9	0	0	4	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0·50	5·41	...	4·31	9	5	...	...	...	...	6	0	0	5	0	0	0	0	0	0
Titilagarh ...	88·9	...	92	5days	70·9	...	61	28,29	1·41	2·74	...	1·29	10	4	...	2·2	1·5	...	6	0	0	4	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	87·8	...	92	4 days	70·9	...	63	27	0·91	3·83	...	1·16	9	5	...	3·3	2·6	...	9	0	0	0	0	0	0	0	0	0
Jamshedpur	88·9	−0·8	93	18,19,20	72·5	+1·4	60	27	1·02	2·79	+ 0·13	1·20	10	5	+0·8	4·5	3·0	+0·9	8	0	0	2	0	0	0	0	0	0
Jamshedpur (P.B.O.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	2	0	0	0	0	0	0
Chaibasa ...	88·5	+0·3	93	4,18	71·5	+1·4	59	28	0·82	2·17	− 0·76	0·85	10	4	−0·4	1·6	1·0	-0·2	5	0	0	4	0	0	0	0	0	0
Ranchi ...	83·7	+0·6	89	7,8	66·6	+0·4	59	25,28,31	2·05	3·42	+ 0·29	0·91	10	6	+1·2	1·4	0·9	-2·0	7	0	0	1	0	0	0	0	0	0
Hazaribagh ...	84·6	+1·0	90	6	66·8	+0·3	57	27,28	0·87	1·21	− 1·89	0·35	2	5	+0·4	3·7	2·2	-2·1	7	0	0	1	5	0	0	0	0	0
Hazaribagh(C.W.) ...	85·0	...	90	6	65·9	...	55	26	0·85	1·19	...	0·36	10	4	...	1·8	1·0	...	6	0	0	0	1	0	0	0	0	0
Daltonganj ...	89·9	+0·8	95	3	67·7	+1·2	55	27	1·11	1·43	− 0·50	0·95	10	2	−1·2	3·1	2·1	+0·1	4	0	0	1	1	0	0	0	0	0
Bihar																												
Purnea ...	89·0	+1·1	93	5	72·1	+1·3	61	26	0·73	0·97	− 2·25	0·50	6	2	−1·4	3·1	1·8	+0·5	3	0	0	0	0	0	0	0	0	0
Darbhanga ...	87·8	−0·4	93	3	73·2	+1·6	63	26	0·11	0·11	− 2·19	0·11	9	1	−1·5	1·1	0·4	-0·9	1	0	0	0	0	0	0	0	0	0
Motihari ...	91·3	+3·2	95	6	70·4	+1·1	58	31	0·05	0·62	− 1·69	0·62	8	1	−1·5	2·5	2·5	+0·8	1	0	0	0	3	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0	− 2·41	0	...	0	−2·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0	− 2·11	0	...	0	−2·5	...	...	...	...	...	...	...	...	...	...	...	...	...

(b) Mean of 29 days (f) Mean or Total of 25 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah ...	...	...	...	...	...	...	...	...	...	0·10	- 2·32	0·05	9,11	0	-3·0	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna ...	91·3	+2·7	94	4days	73·7	+0·9	64	26	0·03	0·03	- 2·27	0·03	12	0	-2·9	3·7	3·0	+1·0	1	0	0	0	0	0	0	0	0	0
Patna (Aerodrome) ...	90·6	...	94	5	71·1	...	60	27	0·02	0·02	...	0·02	10	0	...	4·0	2·0	...	1	0	0	1	0	0	0	0	0	0
Dehri ...	90·8	...	94	6	70·9	...	61	21,27, 30	0·13	0·39	- 1·56	0·23	10	2	-0·6	2·9	1·8	...	3	0	0	0	0	0	0	0	0	0
Gaya ...	90·6	+2·0	96	2	71·6	+1·6	60	27	0·05	0·42	- 1·50	0·41	10	1	-1·9	3·2	2·4	-0·6	2	0	0	2	0	0	0	0	0	0
Jamui ...	88·9	...	92	4days	71·5	...	60	26	0·20	0·69	...	0·46	10	2	...	3·8	2·2	...	4	0	0	0	0	0	0	0	0	0
Dumka ...	87·9	-0·2	93	18	71·5	+0·8	60	26,31	1·14	5·84	+ 2·03	2·02	8	7	+2·4	3·8	2·3	+1·1	8	0	0	0	0	0	0	0	0	0
Sabour ...	90·0	+1·9	94	3	72·3	+1·3	60	26	0·20	0 35	- 2·79	0·15	9	1	-1·9	4·4	2·9	+0·4	6	0	0	3	0	0	0	0	0	0
Bhagalpur ...	91·2	...	95	4	74·4	...	65	26	0·28	0·33	...	0·15	15	2	...	3·8	2·9	...	3	0	0	0	0	0	0	0	0	0
U. P., East																												
Gonda ...	92·9	+2·1	96	7,8	68·1	+0·6	58	29	1·05	1·05	-0·74	1·05	2	1	-0·7	3·0	1·8	-0·2	1	0	0	0	0	0	0	0	0	0
Gorakhpur ...	91·9	+2·8	95	4days	71·5	+2·1	62	27	0	0	-2·97	0	...	0	-2·3	1·1	0·5	-0·5	0	0	0	0	0	0	0	0	0	0
Azamgarh ...	93·8	...	96	4days	68·5	...	59	29	0·35	0·35	...	0·35	8	1	...	1·7	0·6	...	1	0	0	0	0	0	0	0	0	0
Banaras ...	93·5	+2·3	97	14	68·4	+2·4	58	27,29	0	0	-1·30	0	...	0	-1·5	5·5	4·4	+0·9	0	0	0	0	0	0	0	0	0	0
Banaras (Babatpur Aerodrome) ...	93·0	...	96	5,14	67·5	...	57	29	0	0	...	0	...	0	...	5·1	4·2	...	0	0	0	0	0	0	0	0	0	0
Allahabad (Bamrauli) ...	93·7	+3·3	97	6days	68·3	+1·2	57	30	0	0	-2·34	0	...	0	-2·5	4·0	2·3	0	0	0	0	0	0	0	0	0	0	0
Fatehpur ...	92·7	+0·2	97	4,7	67·2	+0·7	55	30	0	0	-0·89	0	...	0	-1·4	4·1	2·1	-0·5	0	0	0	0	0	0	0	0	0	0
Banda ...	95·3	...	99	6,13,14	67·4	...	56	31	0	0	...	0	...	0	...	1·0	0·5	...	0	0	0	0	0	0	0	0	0	0
Orai ...	94·2	...	100	6	67·0	...	57	29,31	0	1·30	...	1·30	10	1	...	5·3	3·6	...	1	0	0	0	0	0	0	0	0	0
Kanpur ...	93·9	+2·7	97	4days	67·1	+1·1	55	30	0	0	-1·30	0	...	0	...	4·8	3·3	-0·2	0	0	0	0	0	0	0	0	0	0
Lucknow ...	94·6	+3·2	98	5,6,7	68·4	+1·9	56	31	0·22	0·22	-1·06	0·22	2	1	-0·7	2·3	1·1	0	1	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome) ...	94·0	...	99	6	63·4	...	51	31	0	0	...	0	...	0	...	4·5	2·3	...	0	0	0	0	0	0	0	0	0	0
Hardoi ...	93·8	...	100	6	65·6	...	53	31	0·28	0·29	...	0·28	10	1	...	3·6	2·0	0	2	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri ...	92·6	...	95	6	66·4	...	57	28	0	0	...	0	...	0	...	2·7	1·4	...	0	0	0	0	0	0	0	0	0	0
Bahraich ...	93·4	+3·3	96	5days	68·8	+0·4	59	25,26, 27	0	0·06	-1·52	0·06	9	0	-1·7	3·4	2·1	+0·7	1	0	0	0	0	0	0	0	0	0
U. P., West																												
Jhansi ...	94·5	+1·4	100	5,6	67·6	+0·9	56	30	0	0	-0·99	0	...	0	-1·1	5·2	4·3	+1·9	0	0	0	0	0	0	0	0	0	0
Agra ...	95·1	+2·3	100	5,6,7	66·9	+1·8	55	30	0	0	-0·71	0	...	0	-0·8	1·4	1·1	-1·3	0	0	0	0	0	0	0	0	0	0
Mainpuri ...	96·2	+3·0	101	3	65·9	+0·9	56	29	0	0·03	-0·92	0·03	1	0	-1·0	...	...	...	1	0	0	1	0	0	0	0	0	0
Aligarh ...	96·7	+3·6	102	4	65·0	-0·9	56	29	0	0	-0·31	0	...	0	-0·3	...	...	...	0	0	0	1	0	0	0	0	0	0
Bareilly ...	94·2	+4·5	99	2	66·4	+0·6	57	28	1·59	1·60	+0·33	1·56	10	1	+0·1	2·5	1·5	+0·5	2	0	0	0	0	0	0	0	0	0
Meerut ...	92·2	+1·7	99	5	64·0	+1·4	58	4days	0	0·12	-0·69	0·12	14	1	+0·1	...	3·0	...	1	0	0	0	0	0	0	0	0	0
Roorkee ...	91·9	+3·7	95	5days	61·5	+0·1	52	26	0	0	-0·84	0	...	0	-0 9	3·5	2·2	+1·0	0	0	0	0	0	0	0	0	0	0
DehraDun ...	86·0	+3·1	89	2	61·1	+0·8	54	24	0	0	-1·26	0	...	0	-1·6	2·6	3·4	+0·5	0	0	0	1	0	0	0	0	0	0
Punjab (1)																												
New-Delhi ...	94·1	+1·6	101	4,5	66·3	+2·0	58	29,31	0	0	-0·40	0	...	0	-0·6	5·1	3·1	...	0	0	0	0	0	0	0	0	0	0
Hissar ...	95·9	+1·3	103	3,4	62·4	-0·8	51	29	0	0·02	-0·59	0·02	8	0	-0·6	3·3	3·1	-0·1	1	0	0	0	0	0	0	0	0	0
Karnal ...	92·6	...	99	5	62·5	...	55	31	0	0	...	0	...	0	...	2·3	1·3	...	0	0	0	0	0	0	0	0	0	0
Ambala ...	95·6	+3·8	100	4,5	...	...	...	...	0	0	-0·87	0	...	0	-0·9	2·6	0·9	-1·0	0	0	0	0	0	0	0	0	0	0
Patiala ...	90·3	...	100	3	62·2	...	55	29,30, 31	0	0	-0·07	0	...	0	...	4·8	3·7	...	0	0	0	0	0	0	0	0	0	0
Ludhiana ...	97·2	+4·9	101	4,5	62·8	+0·4	53	28,31	0	0	-0·43	0	...	0	-0·7	1·1	0·6	-0·4	0	0	0	0	0	0	0	0	0	0
Ferozepur ...	95·3	...	103	4	59·5	...	47	29	0	0	...	0	...	0	...	1·1	0·7	...	0	0	0	1	0	0	0	0	0	0
Amritsar ...	93·2	...	100	3	57·5	...	47	30	0	0	...	0	...	0	...	5·2	4·1	...	0	0	0	2	0	0	0	0	0	0
Pathankot ...	92·1	...	98	2	60·9	...	55	29	0	0	...	0	...	0	...	2·4	1·9	...	0	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar ...	74·5	+0·7	81	24	40 7	+0·1	33	4days	0	0·02	-1·15	0·02	4	0	-2·8	1·5	1·9	-0·1	1	0	0	3	0	0	0	0	0	0
Gulmarg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg ...	...	...	...	...	...	...	...	...	...	0·36	-2·17	0·12	4	1	-4·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	58·1	-0·2	67	1,2	31·1	+0·4	24	24	0	0·05	-0·05	0·05	8	0	-0·3	4·4	3·7	+1·8	1	0	0	0	0	0	0	0	0	0
Skardu (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	86·4	-1·7	97	2	66·5	-0·7	60	30	...	0	-0·76	0	...	0	-1·1	...	...	...	0	0	0	0	0	0	0	0	0	0

(R) Register not received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	98·3	+3·2	106	4	63·9	+4·2	51	29	0	0	−0·10	0	...	0	−0·3	3·0	1·8	−2·6	0	0	0	0	0	3	0	0	0	0
Bikaner ...	93·0	−3·8	103	4days	64·6	−1·7	51	29	0	0	−0·21	0	...	0	−0·4	3·0	2·1	−1·7	0	0	0	1	0	0	0	0	0	0
Jaisalmer ...	97·1	...	105	2,3,4	68·2	...	58	26	0	0	...	0	...	0	...	8·0	4·8	...	0	0	0	0	0	0	0	0	0	0
Jodhpur ...	97·8	+2·3	105	1,2	67·2	+1·8	57	4days	0	0	−0·32	0	...	0	−0·5	4·0	3·0	...	0	0	0	0	0	0	0	0	0	0
Phalodi ...	94·4	...	104	2	...	...	...	...	0	0	−0·07	0	...	0	−0·1	7·0	5·0	...	0	0	0	0	0	0	0	0	0	0
Barmer ..	98·5	+1·4	106	3,4	71·3	+0·8	62	27	0	0·04	−0·10	0·04	8	0	−0·5	4·6	4·2	...	1	0	0	1	0	0	0	0	0	0
Rajasthan, East																												
Sikar ...	94·6	...	103	7	60·7	...	47	27,28, 30	0	0	...	0	...	0	...	5·0	2·8	...	0	0	0	0	0	0	0	0	0	0
Jaipur ...	95·0	+0·9	101	3,6	64·5	+0·2	53	28	0	0·03	−0·45	0·03	5	0	−0·7	4·7	3·3	+0·1	1	0	0	1	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	94·9	...	100	4days	66·0	...	54	28	0	0	...	0	...	0	...	7·6	5·8	...	0	0	0	0	0	0	0	0	0	0
Ajmer ...	93·3	+1·8	101	4	63·8	−0·8	54	27,28, 30	0	0	−0·38	0	...	0	−0·7	4·2	2·1	0	0	0	0	0	0	0	0	0	0	0
Kotah ...	95·8	−1·2	103	5	71·2	+0·8	58	31	0	0	−0·65	0	...	0	−1·0	2·7	2·0	+0·5	0	0	0	0	0	0	0	0	0	0
Jhalawar ...	94·7	+2·8	100	5,6	65·4	+1·3	52	29	0	0	−0·55	0	...	0	−1·5	3·3	1·7	+0·1	0	0	0	0	0	0	0	0	0	0
Udaipur ...	91·9	+0·2	97	13	62·4	+1·3	54	30,31	...	0	−0·57	0	...	0	−1·1	0·7	1·5	...	0	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	94·2	+1·9	100	4,5	61·8	−2·4	48	30,31	0	0	−0·33	0	...	0	−0·6	3·8	2·3	...	0	0	0	0	0	0	0	0	0	0
Sheopur Kalan ...	96·0	...	101	4,6	63·7	...	52	31	0	0	...	0	...	0	...	2·7	1·5	...	0	0	0	0	0	0	0	0	0	0
Guna ...	93·7	+4·1	98	5,6	62·9	+0·7	50	31	0	0·02	−1·03	0·02	14	0	−1·6	4·7	2·5	+0·8	1	0	0	0	0	0	0	0	0	0
Neemuch ...	93·4	+2·4	99	5	67·4	+2·8	57	28,30	0	0	−0·62	0	...	0	−0·9	4·0	2·9	−1·0	0	0	0	0	0	0	0	0	0	0
Ratlam ...	93·1 [a]	...	97	4days	66·9 [a]	...	55	29	0	0·07	...	0·07	13	0	...	5·4	3·7	...	1	0	0	0	0	0	0	0	0	0
Indore ...	91·8	+3·1	...	...	63·6	+1·3	...	...	0	0	−1·21	0	...	0	−2·0	5·6	3·2	−0·3	0	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) ...	92·1	+4·2	95	4days	64·8	+0·7	55	29,31	0	0·05	−1·61	0·05	14	0	−2·4	6·9	4·5	+1·3	1	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	93·8	+3·1	99	5,6	62·8	−2·0	51	4days	0	0	−1 13	0	...	0	−1·5	3·2	1·6	+0·4	0	0	0	0	0	0	0	0	0	0
Satna ...	91·7	+3·3	95	5days	64·9	−1·0	52	29	1·12	1·12	−0·81	1·12	8	1	−1·2	2·9	1·7	−0·4	1	0	0	0	0	0	0	0	0	0
Umaria ...	89·8	+3·0	93	12,13, 14	62·7	−0·4	51	29,30	0	0·08	−2·39	0·08	8	0	−2·7	1·4	1·1	−0·7	1	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	89·4	...	92	4days	69·4	...	56	30	1·73	1·77	...	0·85	6	4	...	3·0	1·6	...	5	0	0	1	0	0	0	0	0	0
Pendra ...	85·2	+2·1	88	5,6	65·9	+1·8	56	30,31	0·66	1·41	−1·58	0·73	9	4	−0·1	3·1 [j]	2·2	+0·1	6	0	0	0	0	0	0	0	0	0
Raigarh ...	90·4	...	94	5,18	70·9	...	60	28,30	0·26	0·93	...	0·39	8	3	...	3·1	2·4	...	4	0	0	0	0	0	0	0	0	0
Ambikapur ...	85·2	...	89	4	62·6	...	50	30	0·31	1·89	...	0·72	10	3	...	5·3	3·6	...	5	0	0	0	0	0	0	0	0	0
Champa ...	89·3	...	92	13,14, 20	70·8	...	60	30	0·45	1·41	...	0·50	9	4	...	3·6	2·9	...	5	0	0	4	0	0	0	0	0	0
Raipur ...	88·4	−0·1	92	14	71·2	+1·5	61	30	0·06	0·75	−1·42	0·54	16	2	−1·3	4·2	2·9	−0·5	4	0	0	2	1	0	0	0	0	0
Kanker ...	86·8	+0·3	90	5,6,19	68·3	+1·1	55	31	1·50	2·56	−1·88	0·83	8	5	−0·3	2·6	2·0	−0·3	7	0	0	1	0	0	0	0	0	0
Chanda ...	89·7	−0·1	94	13	69·8	+1·6	54	30	0·06	1·42	−0·62	0·99	17	3	+0·1	3·1	1·7	0	5	0	0	3	0	0	0	0	0	0
Sironcha ...	90·0	...	93	4,13	72·4	...	59	29,31	0·16	2·99	...	1·39	4	6	...	3·3	2·1	...	8	0	0	4	0	0	0	0	0	0
Jagdalpur (P.B.O.) ..	85·8	+0 4	89	18,19, 20	67·1	+0·1	56	29,31	1·02	3·41	−0·95	0·80	8	8	+2·3	3·4	2·2	...	12	0	0	5	1	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	88·7	...	91	6days	70·0	...	62	31	0·06	0·64	...	0·64	8	1	...	5·1	3·8	...	1	0	0	0	0	0	0	0	0	0
Akola ...	95·3	+2·7	100	9	67·3	+0·4	53	30	0·08	0·17	−1·65	0·08	10	0	−2·5	5·2	3·6	+0·9	3	0	0	1	0	0	0	0	0	0
Amravati ...	92·8	+1·9	97	12,13	71·1	+2·4	61	30	0·10	0·93	−0·98	0·71	17	2	−0·6	5·9	4·0	+0·8	3	0	0	3	0	0	0	0	0	0
Yeotmal ...	88·9	...	93	12,13, 14	68·4	...	57	31	0·09	3·56	...	3·38	17	1	...	5·7	4·4	...	5	0	0	1	0	0	0	0	0	0
Khandwa ...	96·1	+3·6	100	4	67·3	+1·2	51	31	0	0	−1·39	0	...	0	−2·0	6·0	3·6	+1·0	0	0	0	0	0	0	0	0	0	0
Hoshangabad ...	93·0	+3·3	97	12,19, 20	67·0	+0·3	54	29	0·02	0·02	−1·26	0·02	9	0	−2·0	2·1	1·2	−0·1	1	0	0	0	0	0	0	0	0	0
Sagar ...	90·2	+2·0	94	6,12, 14	68·5	+2·2	60	28,29, 31	0	0	−1·09	0	...	0	−1·9	9·6	7·9	+0·2	0	0	0	0	0	0	0	0	0	0
Jabalpur ...	91·5	+3·7	95	14	64·8	+1·3	51	30	0	0	−1·88	0	7	0	−2·3	3·6	2·1	+0·7	0	0	0	0	0	0	0	0	0	0
Mandla ...	89·1	...	93	6	61·7	...	46	30	1·20	1·20	...	1·05	17	2	...	3·4	1·6	...	2	0	0	1	0	0	0	0	0	0
Seoni ...	88·4	+2·0	93	13	65·5	+1·4	53	30	0·35	0·35	−1·92	0·30	9	1	−2·1	5·5	3·0	+0·6	2	0	0	0	0	0	0	0	0	0
Chhindwara ...	88·5	...	92	6	64·1	...	51	31	1·25	2·32	...	1·49	18	3	...	5·4	3·0	...	4	0	0	1	0	0	0	0	0	0
Betul ...	88·3	...	93	6	62·3	...	47	29,30	0·24	0·42	...	0·15	17	2	...	5·0	2·5	...	5	0	0	0	0	0	0	0	0	0
Nagpur ...	92·4	+1·8	96	13,14	67·5	+1·0	53	30	0·57	0·62	−1·55	0·44	6	2	−1·1	4·7	2·9	...	4	0	0	1	0	0	0	0	0	0

[a] Mean of 30 days. [j] Mean of 20 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena — No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	99·1	...	105	3	65·5	...	55	26	0	0·04	...	0·04	7	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Surat ...	98·3	+4·2	106	17	74·2	+2·1	63	29,30	0	0	−1·51	0	...	0	−2·0	4·3	3·6	+1·0	0	0	0	1	0	0	0	0	0	0
Ahmedabad ...	98·6	+1·4	105	6	70·7	+1·3	61	29,30, 31	0	0	−0·35	0	...	0	−0·7	4·4	2·8	−0·2	0	0	0	0	0	0	0	0	0	0
Dohad ...	96·2	+3·3	102	17	70·4	−3·5	60	29,30	0	0	−1·40	0	...	0	−2·0	4·9	4·7	+1·8	0	0	0	0	0	0	0	0	0	0
Baroda ...	98·9	+3·5	105	4,6	68·9	+2·8	55	29,30	0	0	−1·76	0	...	0	−1·3	1·9	1·3	−0·6	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	98·2	...	104	6	71·3	...	60	30	0	0	...	0	...	0	...	4·0	3·3	...	0	0	0	0	0	0	0	0	0	0
Broach ...	99·6	...	107	6	73·3	...	65	29,30	0	0	...	0	...	0	...	4·1	3·1	...	0	0	0	0	1	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	96·8	+0·7	102	8days	69·7	−0·8	64	4days	0	0	−0·33	0	...	0	−0·5	5·1	3·5	−1·0	0	0	0	2	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	4·0	2·6	...	0	0	0	2	0	0	0	0	0	0
Dwarka ...	86·0	−1·3	98	9	75·0	−0·5	67	26	0	0	−0·25	0	...	0	−0·3	8·8	7·6	+0·7	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	95·2	+0·9	105	9	70·8	+1·0	63	25,29	0	0	−0·31	0	...	0	−0·5	...	...	...	0	0	0	0	0	0	0	0	0	0
Rajkot ...	97·5	+1·7	103	8,10	70·2	+1·5	63	4 days	0	0·40	−0·17	0·40	1	1	−0·1	7·9	6·6	+2·4	1	0	0	1	0	0	0	0	0	0
Rajkot (Aerodrome) ...	94·4	...	104	8	68·7	...	60	25	...	0·33	...	0·33	1	1	...	...	7·5	...	1	0	0	1	0	0	0	0	0	0
Veraval ...	90·3	...	101	7	71·1	...	63	24,25	0	0	−0·62	0	...	0	−0·8	11·8	9·5	+4·6	0	0	0	1	1	0	0	0	0	0
Bhavnagar ...	98·0	+2·2	103	4	73·8	+2·1	65	30	0	0	−0·90	0	...	0	−0·9	5·3	4·2	+0·8	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	95·9	...	101	4 days	73·5	...	65	30	0	0	...	0	...	0	...	...	8·8	...	0	0	0	1	0	0	0	0	1	0
Konkan																												
Dahanu ...	88·5	...	95	5	72·7	...	63	31	0	1·44	...	1·15	8	2	...	9·4	6·7	...	2	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	88·9	+0·1	92	5	76·0	+0·4	70	29,31	0·05	2·26	−0·28	0·93	7	3	−0·1	6·7	5·4	−0·7	4	0	0	5	0	0	0	0	2	0
Bombay-(Santa Cruz Arodrome) ...	89·8	+0·5	94	5,29, 30	72·7	+1·0	62	30	0·02	2·67	+0·13	1·84	7	3	−0·1	7·7	4·3	...	5	0	0	6	0	0	0	0	4	0
Alibag ...	87·7	−0·8	91	8,29	74·0	−0·5	65	30	...	0·83	−4·20	0·24	2	4	−1·1	...	2·7	−2·5	6	0	0	7	0	0	0	0	0	0
Harnai ...	84·0	...	87	5,11	76·0	...	72	29,31	0·52	1·61	...	0·42	9	4	...	8·3	5·5	...	6	0	0	0	0	0	0	0	0	0
Ratnagiri ...	85·9	...	92	30	73·8	...	65	31	2·78	7·58	...	1·70	2	11	...	...	...	...	15	0	0	6	0	0	0	0	0	0
Devgad ...	84·7	...	88	1	74·0	...	67	30,31	0·42	8·24	...	3·31	18	9	...	8·0	6·5	...	10	0	0	0	0	0	0	0	0	0
Vengurla ...	86·1	...	89	2,7,28	73·3	...	65	31	1·24	8·92	...	3·26	8	9	...	...	... (a)	...	11	0	0	9	0	0	0	0	0	0
Marmagao ...	83·2	−2·7	86	3,6,8	74·5	−0·2	70	30,31	1·71	11·68	−5·20	6·29	9	8	+0·1	7·7	5·9	+1·2	13	0	0	9	0	0	0	0	0	0
Honavar ...	85·5	...	88	2,5,17	73·2	...	66	30,31	1·22	12·97	+5·75	3·90	11	11	+3·1	3·2	2·4	...	14	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	6·15	−0·94	1·98	6	7	+0·7	...	...	...	8	...	...	...	...	...	...	...	...	...
Jalgaon ...	97·1	...	100	6	69·1	...	50	30	0·02	0·12	−1·32	0·10	1	1	−0·8	6·8	5·5	...	2	0	0	0	0	0	0	0	0	0
Malegaon ...	94·0	+2·3	97	4 days	67·4	+1·5	54	29,30, 31	0	0·21	−1·50	0·12	1	1	−1·7	4·8	3·5	−0·4	2	0	0	0	0	0	0	0	0	0
Deolali ...	89·9	...	94	3	65·4	...	50	31	...	1·31	...	0·72	7	3	...	...	2·9	...	3	0	0	4	2	0	0	0	0	0
Ahmednagar ...	91·4	+2·8	95	3 4	68·0	+2·4	54	31	1·30	1·96	−0·21	1·35	8	3	−0·4	6·5	4·5	−0·3	3	0	0	1	0	0	0	0	0	0
Poona ...	90·7	+1·3	94	5,6,16	67·5	+1·2	53	31	0·27	2·20	−1·34	0·77	17	6	+0·9	2·6	1·5	−2·5	9	0	0	8	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	89·6	...	93	5,6	66·9	...	56	30,31	1·65	3·67	...	0·99	8	9	...	...	...	...	11	0	0	8	0	0	0	0	0	0
Jeur ...	91·6	...	95	12,13, 25	68·4	...	54	31	0·56	1·32	...	0·51	1	5	...	5·8	4·5	...	7	0	0	1	0	0	0	0	0	0
Sholapur ...	91·3	+0·7	94	4,12,25	70·0	+1·2	58	31	0·03	1·16	−1·88	0·42	18	4	−0·3	7·5	5·5	−0·4	7	0	0	1	0	0	0	0	0	0
Miraj ...	88·9	+2·0	92	4 days	68·7	+0·4	56	31	0·34	4·34	+0·22	1·68	6	7	+0·6	6·3	5·2	−0·2	10	0	0	6	0	0	0	0	0	0
Kolhapur ...	87·1	...	91	1	68·3	...	57	31	1·57	5·90	...	1·41	1	12	...	6·8	5·7	...	15	0	0	8	2	0	0	0	0	0
Bijapur ...	88·3	−0·4	93	26	70·2	+1·4	59	31	0·26	2 65	−0·24	0·88	2	7	+2·9	4·9	3·5	+0·2	10	0	0	4	0	0	0	0	0	0
Belgaum ...	...	...	...	...	...	...	...	...	1·69	7·73	+2·96	1·38	10	11	+3·5	...	...	...	14	...	...	...	...	...	...	...	...	...
Gadag ...	86·8	0	91	26,27	69·2	+0·2	64	28	4·01	8·23	+4·42	1·64	5	10	+2·7	5·3	4·5	−0·6	11	0	0	8	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	92·7	+3·0	96	12	68·8	+1·9	55	30	0·09	0·14	−1·65	0·05	68	0	−2·8	6·8	5·6	+0·7	3	0	0	2	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	91·2	...	93	7 days	65·2	...	47	30	2·72	0·73	...	0·46	2	2	...	7·4	4·9	...	4	0	0	3	0	0	0	0	0	0
Parbhani ...	90·6	...	95	12,13	68·0	...	53	30	0·39	0·61	−1 48	0·29	17	3	0	...	...	...	6	0	0	4	0	0	0	0	0	0
Ramagundam ...	90·1	...	95	13,23, 25	73·4	...	60	30	0·16	1·10	...	0·45	8	3	...	2·4	2·0	...	4	0	0	0	0	0	0	0	0	0
Nizamabad ...	88·9	−0·4	93	14	70·1	+2·1	56	31	1·75	4·69	+2·79	1·55	19	5	+2·0	3·2	2·7	+0·4	6	0	0	2	0	0	0	0	0	0
Bidar ...	84·9	−0·7	90	13	69·1	−0·5	63	31	2·06	3·28	+1·07	1·12	20	6	+2·3	5·7	4·2	−1·3	11	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	89·0	−1·5	92	5days	70·3	+1·3	58	30	2·14	3·93	+0·24	0·68	7	6	+2·0	7·8	6·0	+0·4	8	0	0	1	0	0	0	0	0	0
Raichur ...	89·1	−0·8	93	1,25	72·9	+0·7	65	30	0·44	3·50	+0·45	0·90	10	6	+1·7	5·9	5·2	−0·5	7	0	0	5	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	87·7	−0·5	92	13	68·6	+0·9	55	29	2·89	4·55	+2·10	1·11	2	7	+2·7	4·8	3·4	−0·4	10	0	0	5	0	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	86·2	...	90	13	67·8	...	54	29,30, 31	2·19	3·67	...	0·93	16	7	...	6·6	4·9	...	10	0	0	6	0	0	0	0	0	0
Hanamkonda ...	89·0	−0·5	93	26	71·1	+0·2	59	29,31	2·35	5·15	+2·54	1·56	20	9	+4·9	4·9	3·1	+0·1	11	0	0	6	0	0	0	0	0	0
Khammameth ...	90·3	...	93	6days	72·8	...	62	29,31	2·30	5·45	...	2·10	16	9	...	3·7	2·3	...	12	0	0	5	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	91·4	+0·7	97	1	75·9	0	70	28,30, 31	2·31	4·74	−4·82	1·31	12	6	−2·9	...	...	...	7	0	0	6	0	0	0	0	0	0
Ongole ...	90·6	...	96	24,25	76·2	...	70	29,30	2·60	4·61	...	1·57	7	8	...	4·2	2·8	...	13	0	0	3	0	0	0	0	0	0
Gannavaram ...	88·9	...	94	22,24	74·1	...	65	29	2·34	5·82	...	2·04	7	8	...	6·8	5·0	...	11	0	0	8	0	0	0	0	0	0
Masulipatam ...	86·8	−1·8	91	4days	75·9	−0·1	67	24	4·67	8·88	+0·28	1·59	9	12	+3·5	5·8	4·4	+0·8	15	0	0	8	0	0	0	0	0	0
Kakinada ...	87·9	0	94	23,24, 25	75·4	−0·5	69	28,29, 30	2·84	18·56	+10·04	7·50	7	13	+4·4	6·9	5·5	+0·6	17	0	0	2	0	0	0	0	0	0
Visakhapatnam ...	89·0	−1·2	97	20	74·2	−1·8	64	29	5·08	12·46	+4·63	3·95	7	11	+2·7	5·7	4·3	+0·1	16	0	0	9	0	0	0	0	0	0
Calingapatam ...	87·2	−0·9	91	4days	74·7	−1·0	65	28	3·25	9·91	+2·04	3·60	7	12	+4·7	7·6	6·7	+2·0	14	0	0	0	0	0	0	0	0	0
Rentachintala ...	91·3	−0·2	96	1,4	73·2	−0·6	63	30	1·72	6·55	+1·56	1·55	10	9	+1·4	3·3	2·3	−1·9	11	0	0	5	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	83·0	...	88	1,2,3	68·1	...	60	30	3·99	7·03	...	3·61	7	7	...	6·1	4·3	...	11	0	0	5	0	0	0	0	0	0
Cuddapah ...	91·1	−0·9	98	3	75·9	+1·4	66	30	0·30	3·91	−0·95	1·07	11	6	−0·8	9·5	7·0	+3·3	13	0	0	0	0	0	0	0	0	0
Bellary ...	87·6	−2·2	91	1,26, 28	72·7	+1·4	64	31	1·54	4·17	+0·01	0·98	20	6	+0·1	4·8	3·5	+0·4	10	0	0	4	0	0	0	0	0	0
Kurnool ...	89·5	−1·1	95	1	71·4	−0·3	58	31	0·08	2·33	−0·87	1·10	10	4	−0·9	4·1	2·9	−0·2	7	0	0	2	0	0	0	0	0	0
Anantapur ...	88·6	...	93	1	71·7	...	62	30	0·62	3·73	−0·21	0·91	8	9	+3·5	6·0	4·7	...	14	0	0	4	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	95·4	...	101	1	77·9	...	74	21	2·10	1·63	−5·42	0·62	16	6	−2·6	8·3	6·2	...	9	0	0	1	0	0	0	0	0	0
Pamban ...	87·7	−0·2	90	2,19, 28	79·7	+2·0	75	4,30	0·11	0·81	−7·72	0·43	30	2	−7·4	9·8	8·3	+1·1	6	0	0	0	0	0	0	0	0	0
Mathurai ...	93·8	+3·6	98	12	75·0	+0·4	72	31	1·96	3·03	−4·39	1·65	5	7	−3·2	4·4	3·4	+0·4	11	0	0	4	0	0	0	0	0	0
Nagapattinam ...	89·4	+0·7	94	4days	76·9	+0·4	73	19	1·66	6·82	−3·76	1·48	2	9	−1·2	5·8	4·6	+0·3	13	0	0	0	0	0	0	0	0	0
Tiruchirapalli ...	92·1	+1·7	98	1	75·7	+1·7	72	2	0·14	4·41	−2·80	2·75	25	6	−3·5	9·8	8·0	+2·3	10	0	0	2	0	0	0	0	0	0
Coimbatore ...	84·4	−3·3	91	3	72·0	+1·3	68	20	0·60	1·71	−1·60	0·49	1	5	−4·7	9·0	6·9	+4·2	10	0	0	1	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	88·0	...	93	1	71·2	...	69	4days	0·38	2·56	...	0·80	3	7	...	14·0	12·8	...	12	0	0	6	1	0	0	0	0	0
Salem ...	88·7	−1·1	93	17,18, 22	73·3	+1·4	63	22,29	0·82	8·47	+2·03	4·06	22	5	−4·7	2·8	3·0	+0·6	12	0	0	6	0	0	0	0	0	0
Kallakurichi ...	91·5	...	98	1	75·0	...	70	29	1·94	3·70	...	0·99	25	8	...	...	...	...	12	0	0	3	0	0	0	0	0	0
Cuddalore ...	89·8	+1·3	96	10	75·9	+0·7	71	19	1·29	8·07	−3·46	3·58	18	8	−2·8	6·3	5·0	+1·9	10	0	0	6	0	0	0	0	0	0
Vellore ...	90·2	+1·3	98	2	73·6	+0·8	64	28	0·28	5·09	−1·80	1·99	12	7	−2·2	4·4	3·0	+1·0	12	0	0	5	0	0	0	0	0	0
Madras ...	89·8	−0·3	95	12	75·5	+0·5	71	4days	0·80	4·85	−7·19	1·68	4	6	−4·7	8·2	6·1	−0·6	9	0	0	6	0	0	0	1	0	0
Madras (Nungambakkam) ...	89·5	...	95	11	75·1	...	69	28,29, 30	...	9·60	...	3·23	4	6	...	...	3·0	...	8	0	0	5	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	84·4	−1·8	87	3,6	74·8	+0·2	70	31	2·27	12·16	+4·01	2·50	11	12	+1·6	6·0	5·8	+1·7	15	0	0	6	3	0	0	0	0	0
Kozhikode ...	86·2	−0·1	91	1	74·6	−0·2	71	21	3·54	15·80	+5·53	3·02	4	14	+2·8	9·1	7·9	+3·5	15	0	0	4	0	0	0	0	0	0
Palghat ...	86·9	...	93	28,29	74·2	...	71	20,10	1·33	3·95	...	0·88	8	9	...	7·3	5·5	...	15	0	0	4	0	0	0	0	0	0
Mysore																												
Chitaldrug ...	83·5	−1·7	87	4days	67·3	−0·4	63	14	1·33	8·67	+3·91	2·57	4	10	+3·6	5·1	4·0	+0·3	13	0	0	3	0	0	0	0	0	0
Shimoga ...	83·8	...	87	6days	67·8	...	53	31	2·06	7·17	...	1·77	2	11	...	4·1	2·9	...	14	0	0	1	2	0	0	0	0	0
Hassan ...	80·1	−2·1	85	3	64·8	+0·1	57	31	1·61	9·17	+3·10	2·20	1	12	+2·9	6·1	5·3	+2·0	14	0	0	4	0	0	0	0	0	0
Bangalore (Central Observatory) ...	80·5	−1·2	84	1,2,3	65·8	+0·9	60	29,30, 31	3·01	7·02	+1·15	2·47	22	9	+0·5	6·3	5·1	+1·0	18	0	0	12	1	0	0	0	0	0
Bangalore (Aerodrome) ...	81·4	...	86	1,3	66·0	...	60	31	0·40	5·41	...	1·85	1	7	...	...	...	...	14	0	0	8	0	0	0	0	0	0
Mysore ...	82·1	−2·1	86	17	67·0	0	61	31	2·17	7·75	+1·87	2·00	3	11	+2·4	5·8	4·7	+0·1	15	0	0	1	3	0	0	0	0	0
Balehonnur ...	77·5	−1·5	83	3	63·9	−0·5	55	31	...	13·07	+5·24	2·07	4	14	+2·6	...	...	...	16	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	83·4	−0·9	86	9,30	75·3	0	72	20	3·28	11·35	−2·02	2·69	3	16	+1·8	8·0	6·5	+2·8	21	0	0	2	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	84·5	...	88	29	74·5	...	71	20	2·76	11·58	...	2·06	3	15	...	...	...	...	21	0	0	3	0	0	0	0	0	0
Alleppey ...	84·8	...	88	29,31	75·2	...	72	20,31, 22	2·84	15·00	...	3·20	5	14	...	10·7	8·2	...	21	0	0	0	1	0	0	0	1	0
Trivandrum ...	84·8	−1·2	90	31	74·2	+0·1	72	5days	4·56	13·11	+2·38	4·56	5	8	−4·2	9·1	6·2	+2·5	17	0	0	2	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena—No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	77·2	...	83	21	65·8	...	64	4days	2·96	11·67	...	4·35	11	15	...	3·8	3·8	...	17	0	0	3	10	0	0	0	0	0
Shillong ...	71·9	+0·8	78	25	57·8	+3·0	52	30	9·57	19·76	+13·04	5·36	10	17	+7·0	0·4	0·1	-1·1	20	0	0	6	1	0	0	0	0	0
Cherrapunji ...	73·6	+1·7	79	18	61·5	+1·0	58	30	7·48	34·69	+15·27	12·67	11	12	+2·7	5·9	4·7	+1·6	13	0	0	1	7	0	0	0	0	0
Darjiling ...	65·5	+3·8	70	24	52·7	+2·5	49	28,30	0·32	1·32	-4·09	0·36	10	4	-0·8	4·5	4·3	+1·7	9	0	0	0	5	0	0	0	0	0
Darjiling (Raj Bhawan) ...	67·1	...	72	25	54·7	...	51	26,28	0·20	1·03	...	0·32	3	4	...	1·4	1·3	...	7	0	0	0	22	0	0	0	0	0
Kalimpong ...	74·4	+2·4	77	23,29, 31	63·3	+3·0	60	24,30	0	0·30	-4·71	0·30	9	1	-3·8	1·5	1·0	-5·4	1	0	0	0	6	0	0	0	0	0
Katmandu ...	80·7	+0·6	85	27	57·4	+1·0	49	29,31	0	0	-1·44	0	...	0	-3·2	1·4	0·8	0	0	0	0	0	17	0	0	0	0	0
Mukteswar (Kumaon) ...	67·6	+2·6	73	12	51·1	+1·4	47	22,24, 26	0	0	-1·88	0	...	0	-2·3	6·0	5·8	+1·1	0	0	0	4	0	0	0	0	0	0
Lokpal ...	43·9	...	48	29,30, 31	29·6	...	27	13,14, 15	...	1·34	...	0·61	23	4	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	0·10	...	0·10	4	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Mussooree ...	68·1	+4·0	74	11	53·9	+2·6	50	24	0·12	0·17	-0·97	0·14	9	1	-1·3	3·5	2·1	-2·2	2	0	0	2	1	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	1·69	...	0·50	3	5	...	...	...	...	9	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	1·09	...	0·30	4	4	...	...	...	...	9	...	...	...	...	...	...	...	...	...
Simla ...	66·9	+2·6	71	2	52·8	+1·4	48	24	0·10	0·10	-1·08	0·10	4	1	-0·9	2·4	1·8	-0·1	1	0	0	2	0	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	0	-1·02	0	...	0	-1·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	0·54	-0·24	0·45	14	1	-0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	0·84	...	0·41	13	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	2·11	...	0·69	14	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	..	...	...	...	...	...	1·43	...	0·80	13	2	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Dalhousie ...	74·5	...	79	4	55·8	...	51	24	0	0	-1·34	0	...	0	-2·1	1·2	1·9	...	0	0	0	0	0	0	0	0	0	0
Dharamshala ...	78·9	...	83	2	64·6	...	60	24	0	0	...	0	...	0	...	...	0·1	...	0	0	0	7	0	0	0	0	0	0
Pachmarhi ...	82·0	+2·7	85	12 14	59·0	+0·1	46	30,31	0	0·55	-1·75	0·21	9	3	0	3·8	2·3	0	4	0	0	0	0	0	0	0	0	0
Abu ...	81·9	+2·8	89	8,19	64·3	-0·1	57	30	0	0	-0·76	0	...	0	-0·9	2·4	1·6	-1·8	0	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	77·1	+2·9	80	3,25, 27	61·1	-0·2	55	14	0·88	2·87	-3·48	1·00	1	8	+0·1	4·8	5·4	-2·2	10	0	0	9	9	0	0	0	0	0
Nandi Hills * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	73·3	-2·0	78	31	62·2	-0·3	57	20	5·09	11·53	+3·24	1·58	9	16	+3·1	6·4	5·3	+1·9	17	0	0	0	0	0	0	0	0	0
Kodaikanal ...	63·5	+1·4	68	11	51·6	+0·4	48	28,29, 31	2·69	4·08	-6·16	1·45	4	11	-4·3	7·4	7·7	+0·9	15	0	0	5	1	0	0	0	0	0
Ootacamund ...	65·1	+0·5	70	24	50·8	+0·3	44	31	4·12	5·70	-2·28	2·65	4	11	-2·8	3·6	3·1	+0·3	18	0	0	2	0	0	0	0	0	0
Coonoor ...	67·2	-2·5	73	16,17, 20	56·3	+0·2	49	21	...	4·10	-6·03	0·93	4	13	-1·1	...	3·6	+0·8	13	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	1·35	...	0·44	14	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	4·70	...	1·70	19	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	...	...	...	...	35·9	...	32	27,28	...	1·91	...	0·50	13	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	62·5	+3·8	66	4 days	36·9	0	33	6days	...	1·10	-0·84	0·75	12	4	+0·6	...	...	...	4	0	0	0	0	0	0	0	0	0
Lhasa ...	72·4	...	79	17	36·7	...	29	31	...	0	...	0	...	0	...	...	0·4	...	0	0	0	0	0	0	0	0	0	0
Gyantse ...	67·4	+6·8	72	7,8	30·8	+2·0	18	31	...	0	-0·12	0	...	0	-0·5	...	2·3,	-0·7	0	0	0	0	0	0	0	0	0	0
Ceylon																												
Colombo ...	84·7	-1·0	87	1	75·7	+0·7	73	5days	3·30	10·30	-4·15	2·15	3	12	-4·1	...	...	...	15	0	0	0	0	0	0	0	0	0
Trincomalee ...	89·9	+0·7	94	20	76·5	+1·0	74	4	7·00	7·17	-1·14	6·07	4	4	-6·9	...	...	...	7	0	0	3	0	0	0	0	0	0
Batticoloa ...	89·1	...	93	9,25	76·0	...	73	2	0·40	3·25	...	2·59	2	3	...	...	...	...	5	0	0	2	0	0	0	0	0	0
Hambantota ...	86·7	+0·5	92	26	75·9	+0·8	74	8,20, 21	1·70	2·41	-1·87	0·54	8	7	-0·9	...	...	...	14	0	0	2	0	0	0	0	0	0
Mannar ...	86·2	...	89	1,2	77·8	...	73	15	0·86	4·52	...	1·48	25	6	...	...	...	...	8	0	0	3	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	88·4	...	93	3	68·0	...	54	26,27	2·28	3·78	...	1·72	10	5	...	4·2	2·6	...	8	0	0	5	3	0	0	0	0	0
Hazaribagh ...	83·3	...	87	4days	66·3	...	57	28	0·47	0·79	...	0·36	10	3	...	4·8	3·2	...	8	0	0	1	3	0	0	0	0	0
Dhanbad ...	87·9	...	93	4	69·9	...	59	27	2·50	5·13	...	1·88	12	7	...	5·6	4·2	...	8	0	0	6	4	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	88·8	...	93	5,20,21	71·0	...	57	28	7·05	8·43	...	2·25	8	8	...	1·6	1·0	...	10	0	0	0	0	0	0	0	0	0
Hirakud ...	90·0	...	94	19,20, 21	71·7	...	62	28	1·14	2·06	...	1·14	9	4	...	0·9	0·5	...	5	0	0	0	0	0	0	0	0	0
Barkachhar ...	87·6	...	91	6	68·7	...	56	30,31	0·55	0·81	...	0·30	10	4	...	2·9	1·5	...	4	0	0	0	19	0	0	0	0	0
Sonepur ...	88·5	...	93	19,20	72·8	...	61	29	...	2·19	...	0·69	8	6	...	...	2·6	...	9	0	0	0	0	0	0	0	0	0
Ginabahar ...	86·3	...	91	4days	65·3	...	53	28	...	5·46	...	3·92	9	5	...	...	...	...	8	0	0	0	0	0	0	0	0	0
Jonk ...	87·3	...	90	14	69·9	...	59	30	0·44	3·12	...	1·64	16	3	...	2·0	1·7	...	6	0	0	3	0	0	0	0	0	0

* Data not reliable

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	72·2	...	77	1,3,14	50·1	...	41	21	...	1·59	...	0·70	4,23	2	...	...	...	...	8	0	0	0	0	0	0	0	0	0
Badrinath ...	56·8	...	65	1,4	40·7	...	37	30	...	0·36	...	0·08	6,14	0	...	...	...	...	6	0	0	0	0	0	0	0	0	0
Narbada Catchment																												
Punasa ...	96·4	...	100	12	66·0	...	51	30	0	0	...	0	...	0	...	4·1	2·8	...	0	0	0	0	0	0	0	0	0	0
Bagra Tawa ...	91·9	...	95	4,12,20	64·0	...	48	31	0·86	0·86	...	0·59	9	2	...	2·8	1·6	...	2	0	0	0	0	0	0	0	0	0
Thikri ...	98·5	...	102	4,5,6	67·6	...	53	31	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	97·1	...	102	5	72·9	...	62	30,31	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol ...	93·1	...	97	5	60·5	...	53	18,21	...	0·30	...	0·30	1	1	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Dharoi ...	93·0	...	101	10	...	...	...	...	..	0	...	0	...	0	...	...	...	...	...	0	0	0	0	0	0	0	0	0

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1008·1	999·1	...	76·0	74·9	74·3	29·2	95	...	6·5	...	5·4	0	3	25	0	0	1	1	5	13	8	0	3
	0830	..	1009·9	1001·0	−1·2	81·2	77·5	75·8	30·8	84	+ 3	6·4	+1·2	7·1	0	5	24	0	2	4	2	3	9	7	2	2
	1130	..	1008·3	999·4	...	82·3	77·8	75·7	30·5	81	...	6·6	...	9·5	0	9	22	0	1	4	2	3	13	8	0	0
	1730	..	1007·4	998·5	...	77·9	75·8	74·8	29·6	91	...	6·4	...	6·3	0	4	24	0	0	5	0	1	10	11	1	3
	2330	..	1008·8	999·8	...	76·4	75·4	74·8	29·6	95	...	5·6	...	5·0	0	1	26	0	0	4	0	1	12	10	0	4
Assam																										
Dibrugarh ...	0830	348	1010·6	998·5	−2·7	78·2	74·4	72·6	27·1	83	+ 1	5·3	+1·1	1·8	0	0	28	7	7	6	1	0	0	0	7	3
	1730	..	1007·0	995·0	...	77·4	74·5	73·2	27·7	87	...	3·5	...	0·5	0	0	7	0	3	4	0	0	0	0	0	24
Dibrugarh (Mohanbari Aerodrome)	0530	364	1009·7	997·0	...	72·0	71·4	70·7	26·1	93	...	5·7	...	1·0	0	0	9	0	8	0	1	0	0	0	0	22
	0830	..	1011·2	998·6	...	78·2	74·1	72·1	27·1	82	...	5·8	...	2·6	0	0	27	2	23	1	0	0	1	0	0	4
	1130	..	1009·3	996·8	...	81·3	75·2	72·4	27·2	75	...	5·7	...	3·1	0	0	29	3	20	4	0	2	0	0	0	2
	1730	..	1007·5	995·0	...	77·1	74·2	73·0	27·4	87	...	4·9	...	0·6	0	0	7	0	7	0	0	0	0	0	0	24
	2330	..	1009·7	996·6	...	73·2	72·1	71·6	26·6	95	...	4·3	...	0·3	0	0	2	0	2	0	0	0	0	0	0	29
Sibsagar ...	0830	317	1011·2	999·9	−2·1	77·3	75·0	73·0	28·3	90	+ 2	6·6	+0·7	3·2	0	0	27	6	15	2	1	0	0	0	3	4
	1730	..	1007·2	996·3	...	79·1	77·1	75·3	30·9	88	...	4·3	...	2·0	0	0	21	7	11	0	0	1	0	0	2	10
Tezpur ...	0830	258	1011·0	1002·0	−2·3	78·3	75·4	73·7	28·6	87	+ 5	4·2	+0·5	1·9	0	0	27	0	6	19	2	0	0	0	0	4
	1730	..	1006·7	997·8	...	82·8	77·7	75·5	30·3	79	...	3·3	...	0·7	0	0	11	0	5	5	1	0	0	0	0	20
Tezpur (P.B.O.) ...	0530	257	1009·4	1000·4	...	73·3	72·8	72·3	27·1	96	...	4·9	...	0·9	0	0	9	0	4	2	2	0	0	1	0	22
	0830	..	1011·1	1002·1	...	79·1	75·5	73·8	28·7	85	...	5·1	...	2·4	0	0	21	4	5	11	1	0	0	0	0	10
	1130	..	1009·2	1000·4	...	83·0	77·0	75·0	29·0	77	...	4·8	...	2·2	0	0	23	3	6	10	1	1	1	0	1	8
	1730	..	1007·1	998·2	...	79·3	76·3	75·0	29·6	87	...	3·6	...	0·6	0	0	6	0	3	3	0	0	0	0	0	25
	2330	..	1009·1	1000·1	...	75·0	73·6	72·9	27·5	93	...	3·0	...	1·3	0	0	11	1	3	7	0	0	0	0	0	20
Gauhati ...	0830	182	1010·5	1004·2	−·02	79·3	76·4	75·1	29·6	88	+ 5	4·8	+0·6	1·9	0	0	29	4	8	6	1	4	2	1	3	2
	1730	..	1005·8	999·5	...	82·0	77·0	74·7	29·4	80	...	4·1	...	0·8	0	0	8	0	3	1	1	3	0	0	0	23
Gauhati (Kaikuchi Aerodrome) ...	0530	162	1008·5	1002·9	...	75·5	74·3	74·0	28·7	95	...	5·3	...	1·8	0	0	15	0	2	9	0	1	3	0	0	16
	0830	..	1010·2	1004·6	...	79·6	76·7	75·8	29·9	88	...	4·8	...	3·4	0	0	22	0	5	16	0	0	1	0	0	9
	1130	..	1008·3	1002·7	...	83·7	78·3	76·3	30·5	79	...	4·2	...	5·7	0	0	29	2	12	11	0	0	1	0	3	2
	1730	..	1006·4 (d)	1000·8	...	81·3 (d)	78·2	76·9	31·7 (d)	86 (d)	...	3·6 (d)	...	1·1 (d)	0	0	8	0	2	4	0	2	0	0	0	23
	2330	..	1007·7	1002·5	...	77·6	76·0	75·6	30·1	93	...	2·9	...	1·9	0	0	11	0	1	4	0	0	6	0	0	16
Dhubri ...	0830	115	1010·7	1006·6	−1·8	79·2	76·6	75·4	30·2	89	+ 7	4·7	+1·7	4·1	0	0	29	5	13	7	1	1	2	0	0	2
	1730	..	1007·2	1003·2	...	80·6	77·3	75·9	30·2	86	...	4·1	...	2·0	0	0	18	0	6	2	1	4	3	2	0	13
Silchar ...	0830	96	1010·2	1006·9	−2·3	80·7	76·8	75·9	29·6	86	+ 4	4·3	+0·3	0·2	0	0	3	0	1	1	0	1	0	0	0	28
	1730	..	1006·4	1003·1	...	83·0	78·8	76·9	32·0	82	...	3·3	...	0·1	0	0	1	0	0	0	0	0	1	0	0	30
Tura ...	0830	1,215	1010·6	969·0	...	75·2	73·0	71·7	27·0	90	...	4·6	...	0·9	0	0	9	1	3	0	3	1	0	0	1	22
	1730	..	1007·2	965·7	...	78·0	76·4	75·6	30·5	93	...	5·0	...	0·9	0	0	11	0	2	4	2	1	1	0	1	20
Lumding ...	0830	...	...	...	...	79·1	76·2	75·1	29·4	88	+ 1	...	...	1·3	0	0	13	2	5	0	2	3	1	0	0	18
	1730	...	...	...	...	83·2	80·6	79·6	34·6	89	...	...	...	0·8	0	0	9	1	2	1	2	1	1	0	1	22
West Bengal																										
Dum Dum ...	0530	33	1007·4	1006·3	...	75·7	73·9	72·8	27·5	91	...	3·8	...	2·2	0	0	19	3	5	2	2	2	1	1	3	12
	0830	..	1009·3	1008·2	...	81·8	75·7	72·5	27·7	75	...	4·3	...	4·4	0	0	29	9	3	5	3	3	1	1	4	2
	1130	..	1008·2	1007·1	...	85·9	76·1	70·9	26·0	63	...	4·8	...	7·0	0	0	30	5	6	4	7	3	1	0	4	1
	1730	..	1006·1	1005·0	...	82·5	76·2	73·0	27·7	74	...	5·2	...	3·2	0	0	26	1	1	3	5	4	4	1	7	5
	2330	..	1008·0	1006·9	...	78·1	75·2	73·9	28·4	87	...	2·0	...	2·7	0	0	21	2	1	1	4	4	6	1	2	10
Calcutta ...	0830	21	1009·4	1008·7	−2·1	81·2	76·6	74·2	29·3	81	− 1	4·0	+1·0	2·2	0	0	26	4	4	3	3	1	4	1	6	5
	1730	..	1006·2	1005·5	...	82·5	77·0	74·5	29·2	77	...	5·1	...	1·4	0	0	16	1	2	3	1	3	2	2	2	15
Saugor Island ...	0830	10	1008·7	1008·4	−2·5	81·8	76·9	74·6	29·2	79	+ 1	5·0	+0·9	8·7	0	5	26	7	6	3	3	3	3	2	4	0
	1730	..	1005·9	1005·6	...	81·6	76·6	74·2	29·0	79	...	5·1	...	8·4	0	2	28	6	2	1	4	5	8	1	3	1
Sandheads ...	0530	32	1007·0	1005·9	...	81·2	76·7	74·6	29·3	81	...	4·7	...	7·9	0	6	21	5	1	4	3	3	4	3	4	4
	0830	..	1008·8	1007·7	−2·9	83·0	77·1	74·3	29·0	76	+ 4	4·8	+1·3	8·0	0	7	19	4	2	1	5	3	5	1	5	5
	1130	..	1007·9	1006·8	...	84·2	77·4	74·7	28·7	73	...	4·8	...	7·7	0	4	24	3	3	3	5	6	0	4	4	3
	1730	..	1006·3	1005·2	...	83·9	77·3	74·0	29·2	74	...	4·8	...	7·0	0	6	18	3	1	0	6	2	4	3	5	7
	2330	..	1007·6	1006·5	...	82·4	76·8	73·9	29·1	76	...	0·8	...	6·8	0	6	21	2	3	2	5	4	6	2	3	4
Midnapore ...	0830	149	1009·3	1004·2	−2·1	79·3	74·3	71·6	26·7	78	+ 3	3·0	+0·4	1·7	0	0	16	11	2	3	0	0	0	0	0	15
	1730	..	1006·0	1000·9	...	82·5	76·8	74·1	29·2	77	...	4·1	...	0·8	0	0	10	1	5	0	0	4	0	0	0	21
Contai ...	0830	35	...	...	...	80·7	78·6	77·5	32·6	91	...	4·0	...	0·9	0	0	11	6	2	0	1	1	0	0	1	20
	1730	..	...	...	...	80·9	78·6	78·1	32·1	90	...	2·9	...	0·8	0	0	10	4	1	0	2	3	0	0	0	21
Burdwan ...	0830	106	1009·4	1005·7	−2·3	80·2	74·8	71·8	26·9	76	− 1	1·7	−1·3	2·7	0	0	26	1	1	0	3	2	6	11	2	5
	1730	..	1006·1	1002·5	...	84·7	77·1	73·3	28·5	70	...	1·8	...	1·5	0	0	16	0	1	3	5	1	4	2	0	15
Krishnagar ...	0830	48	1009·5	1007·8	−2·2	82·5	77·6	75·6	29·9	79	+ 6	4·0	+1·1	2·0	0	0	29	4	3	4	1	5	3	5	4	2
	1730	..	1006·4	1004·7	...	83·2	77·9	75·7	29·9	75	...	4·7	...	1·0	0	0	16	0	1	2	5	4	1	2	1	15
Asansol ...	0530	414	1007·7	999·3	...	72·9	70·8	69·6	24·9	90	...	3·7	...	1·7	0	0	14	1	1	2	1	0	0	1	8	17
	0830	..	1009·4	995·1	−2·3	79·6	73·3	69·7	24·9	73	− 3	3·5	+0·6	3·5	0	0	28	3	3	2	2	3	1	4	10	3
	1130	..	1008·3	994·2	...	86·1	75·6	69·8	25·5	61	...	4·2	...	3·7	0	0	27	4	3	5	4	0	0	1	10	4
	1730	..	1006·0	991·9	...	82·5	75·2	71·2	26·3	70	...	4·2	...	1·8	0	0	13	1	0	4	4	0	0	0	4	18
	2330	..	1008·3	993·9	...	76·3	73·0	70·7	26·0	84	...	2·8	...	2·5	0	0	20	1	0	2	4	3	0	0	10	11
Berhampore ...	0830	62	1009·0	1006·9	−2·7	81·0	75·8	73·5	28·4	78	0	4·2	+1·3	1·7	0	0	20	3	1	5	2	2	4	2	1	11
	1730	..	1006·1	1003·1	...	84·1	77·6	75·4	29·4	77	...	4·9	...	0·5	0	0	7	1	1	2	1	3	0	0	0	24
Malda ...	0830	103	1009·6	1006·0	−2·2	81·3	75·7	73·9	28·0	76	+ 1	4·1	+2·3	3·4	0	0	27	4	7	4	0	5	2	1	4	4
	1730	..	1006·3	1002·7	...	82·8	76·7	73·9	28·8	75	...	4·0 [e]	...	2·1 [e]	0	0	19	4	3	2	1	3	2	4	0	12
Cooch-Behar ...	0830	145	1008·8	1004·0	...	81·6	73·9	74·1	25·4	79	...	4·5 (f)	...	2·6 (f)	0	0	25	0	3	14	5	2	0	1	0	1
	1730	..	1006·0	1001·2	...	83·3	77·5	75·9	29·3	80	...	3·1	...	1·7	0	0	12	0	0	4	3	2	2	1	9	13

(d) Mean of 27 days [e] Mean of 26 days (f) Mean of 25 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)-																										
Jalpaiguri ...	0830	271	1010·3	1000·8	-2·0	76·9	73·9	72·5	27·2	86	+3	4·2	+1·9	3·0	0	0	25	8	8	8	1	0	0	0	0	6
	1730	,,	1006·2	996·9	...	84·8	77·5	74·2	28·2	71	...	3·7	...	1·9	0	0	15	0	1	5	1	3	3	1	1	16
Jalpaiguri (P.B.O.)	0530	271	1008·6	999·1	...	73·5	72·3	71·7	25·9	94	...	4·3	...	0·9	0	0	10	6	0	3	0	0	1	0	0	21
	1130	,,	1009·0	999·7	...	84·9	77·1	73·4	29·0	69	...	2·9	...	3·5	0	0	30	1	5	13	6	2	2	1	0	1
	2330	,,	1008·8	999·3	...	76·4	74·7	73·9	28·9	92	...	3·1	...	2·0	0	0	16	3	4	4	0	0	0	0	5	15
Bagdogra ...	0530	416	1008·1	993·6	...	71·6	70·8	70·2	25·1	96	...	4·1	...	0·6	0	0	3	0	1	2	0	0	0	0	0	28
	0830	,,	1009·8	995·5	...	80·4	75·2	72·7	27·8	78	...	3·5	...	2·8	0	0	15	0	2	11	1	0	0	1	0	16
	1130	,,	1008·4	994·2	...	85·8	76·9	73·8	26·4	66	...	3·6	...	3·8	0	1	24	0	4	9	4	4	4	0	0	6
	1730	,,	1006·0	991·8	...	80·6	76·7	74·9	29·5	83	...	3·3	...	1·1	0	0	6	1	0	3	0	0	1	0	1	25
Orissa																										
Balasore ...	0830	65	1009·0	1006·7	-2·4	79·9	74·9	72·3	27·3	79	+1	(a) 5·8	+2·7	(a) 2·1	0	0	26	10	7	0	0	1	2	0	6	4
	1730	,,	1006·0	1003·7	..	81·9	76·6	74·0	28·6	78	...	(b) 6·1	...	(b) 1·0	0	0	14	1	2	1	7	1	2	0	0	15
Chandbali ..	0830	20	1009·4	1008·7	-1·9	80·2	76·4	74·5	29·0	83	+2	(a) 3·5	+0·1	(a) 1·7	0	0	25	4	0	2	2	0	2	3	12	5
	1730	,,	1005·4	1005·7	...	82·2	77·6	76·0	30·4	81	...	3·2	...	(a) 1·7	0	0	22	1	4	6	3	3	0	1	4	8
Puri ...	0830	20	1009·1	1008·4	-2·0	81·4	75·6	72·5	27·3	75	-2	4·9	+1·9	8·8	0	5	26	11	7	3	2	0	4	0	4	0
	1730	,,	1006·3	1005·6	...	83·3	76·2	72·6	27·8	71	...	5·4	...	7·6	0	5	25	9	5	0	7	5	3	0	1	1
Bhubaneswar ...	0530	150	1007·6	1002·3	...	73·2	71·2	69·0	25·2	90	...	3·3	...	1·8	0	0	19	3	3	1	0	0	0	6	6	12
	0830	,,	1008·8	1003·6	...	80·9	75·3	72·4	27·6	76	...	4·4	...	3·4	0	0	28	2	4	4	0	1	2	5	10	3
	1130	,,	1007·8	1002·5	...	85·4	75·6	70·3	25·5	63	...	4·9	...	4·5	0	0	30	4	3	7	1	2	2	2	9	1
	1730	,,	1005·9	1000·7	...	80·9	75·3	72·4	27·6	77	...	5·1	...	3·1	0	0	26	1	2	6	0	2	6	1	8	5
	2330	,,	1007·6	1002·8	...	76·5	73·3	71·5	26·9	85	...	3·4	...	1·5	0	0	14	1	3	2	0	2	3	0	3	17
Cuttack ...	0830	87	1009·0	1006·0	-2·5	79·8	74·7	71·5	27·2	77	-1	3·6	+0·4	1·4	0	0	10	0	4	0	0	1	0	2	3	21
	1730	,,	1005·9	1002·9	...	83·6	75·8	71·7	26·6	70	...	5·1	...	0·8	0	0	6	0	2	1	0	0	2	1	0	25
Cuttack (P.B.O.) ...	0530	87	1007·4	1004·5	...	75·6	73·4	72·5	27·4	89	...	3·9	...	1·4	0	0	14	0	8	0	0	0	0	1	5	17
	0830	,,	1009·1	1006·3	...	81·7	76·3	73·5	28·4	78	...	4·8	...	2·1	0	0	23	2	11	0	2	1	3	2	2	8
	1130	,,	1007·9	1005·0	...	86·6	78·5	74·4	29·8	70	...	5·1	...	3·2	0	0	29	1	13	3	1	4	2	0	5	2
	1730	,,	1006·4	1003·6	...	83·0	77·3	74·5	29·7	77	...	5·3	...	1·2	0	0	11	2	6	0	0	1	2	0	0	20
	2330	,,	1008·0	1005·1	..	77·9	75·0	73·5	28·2	87	...	2·1	...	0·7	0	0	8	0	4	0	0	1	2	1	0	23
Gopalpur ...	0530	56	1007·5	1005·5	...	75·2	72·8	71·3	26·3	88	...	4·4	...	5·7	0	1	27	12	0	1	1	0	1	0	13	3
	0830	,,	1009·3	1007·3	-1·9	80·2	75·3	72·5	27·6	79	+1	4·6	+1·8	6·2	0	0	28	13	1	1	0	0	2	0	11	3
	1130	,,	1008·4	1005·5	...	85·8	76·9	73·5	27·4	67	...	4·5	...	7·1	0	3	26	7	4	4	4	1	2	1	6	2
	1730	,,	1005·5	1004·5	...	83·1	76·5	73·4	28·3	74	...	5·6	...	5·9	0	3	25	3	4	6	5	5	2	0	3	3
	2330	,,	1008·3	1006·4	...	78·1	74·6	72·8	27·7	85	...	3·5	...	4·6	0	1	25	5	2	0	3	1	5	1	9	5
Koraput ...	0830	2996	900·3	909·6	...	70·8	66·1	64·0	20·2	80	...	4·3	...	3·6	0	0	31	4	2	1	1	13	6	1	3	0
	1730	,,	897·7	906·8	...	73·4	64·9	63·8	17·6	73	...	5·1	...	3·6	0	0	31	15	2	4	1	3	2	0	4	0
Angul ...	0830	455	1009·9	994·2	-1·4	77·9	73·0	70·2	25·4	78	+1	5·5	+2·0	2·6	0	0	24	3	2	2	2	1	2	7	5	7
	1730	,,	1006·5	990·9	...	82·4	74·3	68·7	25·5	66	...	5·7	...	2·3	0	0	27	3	2	3	2	4	3	4	6	4
Sambalpur ...	0830	486	1009·5	992·7	-2·3	76·9	72·9	70·6	25·8	83	+7	3·8	+1·1	2·7	0	0	30	7	8	9	3	1	0	0	2	1
	1730	,,	1003·1	989·5	...	83·1	76·2	71·2	27·6	69	...	4·3	...	1·7	0	0	22	3	5	2	6	2	2	0	2	9
Jharsuguda ...	0530	726	1007·9	982·5	...	71·1	69·5	68·9	24·0	92	...	3·2	...	0·5	0	0	5	3	2	0	0	0	0	0	0	26
	0830	,,	1009·3	984·2	...	78·4	72·6	70·0	24·5	76	...	3·4	...	2·1	0	0	19	8	6	1	4	0	0	0	0	12
	1130	,,	1008·1	983·3	...	84·9	74·1	69·2	23·6	60	...	3·6	...	2·6	0	0	25	12	7	1	4	0	0	0	1	6
	1730	,,	1005·9	981·0	...	79·4	73·8	71·1	26·1	76	...	4·7	...	0·8	0	0	5	0	2	1	1	1	0	0	0	26
	2330	,,	1008·2	982·9	...	73·8	71·3	70·4	25·0	88	...	2·3	...	0·2	0	0	2	0	0	0	1	1	0	0	0	29
Titilagarh ...	0830	691	1009·6	986·1	...	77·3	73·1	70·1	26·2	79	...	3·3	...	2·4	0	0	26	10	7	2	3	1	0	1	2	5
	1730	,,	1005·6	982·2	...	82·1	74·4	70·4	25·9	70	...	4·0	...	1·1	0	0	16	6	5	2	1	0	0	1	1	15
Chota Nagpur																										
Purulia ...	0830	835	1009·9	981·4	...	78·9	71·9	67·9	23·5	71	...	3·6	...	2·7	0	0	29	2	5	0	4	2	3	4	9	2
	1730	,,	1005·2	978·0	...	82·4	73·8	69·1	24·7	66	...	5·0	...	1·8	0	0	22	3	7	1	4	0	2	4	1	9
Jamshedpur ...	0830	423	1009·5	994·9	-2·2	78·8	72·5	68·7	24·1	72	-3	3·3	+0·2	3·8	0	0	29	0	1	7	1	0	4	10	6	2
	1730	,,	1006·0	991·5	...	83·3	74·8	70·2	25·6	67	...	4·7	...	2·3	0	0	21	1	1	6	6	1	0	4	2	10
Jamshedpur(P.B.O.)	0530	423	1008·6	991·8	...	73·7	70·8	70·0	24·3	87	...	3·5	...	1·1	0	0	10	0	0	1	0	0	1	7	1	21
	0830	,,	1009·6	993·2	...	79·4	73·4	70·9	25·4	76	...	3·5	...	3·4	0	0	25	1	1	4	0	1	3	11	4	6
	1130	,,	1008·6	992·4	...	84·1	75·0	71·7	25·7	68	...	4·1	...	4·4	0	0	27	1	3	4	0	2	2	9	6	4
	1730	,,	1006·2	989·9	...	82·5	75·2	72·4	26·3	70	...	4·7	...	1·6	0	0	15	3	3	3	2	0	1	0	3	16
	2330	,,	1008·6	993·1	...	76·3	72·4	70·4	25·3	83	...	2·6	...	1·3	0	0	11	0	1	2	0	0	1	3	4	20
Chaibasa ...	0830	742	1009·5	984·0	-1·9	77·9	73·3	69·3	24·7	75	-1	4·2	+1·4	0·5	0	0	7	0	0	2	1	3	0	1	0	24
	1730	,,	1006·0	980·9	...	82·7	74·3	69·6	25·0	65	...	6·4	...	0·1	0	0	2	0	0	1	0	0	0	1	0	29
Ranchi ...	0830	2150	899·8	937·7	-1·1	79·2	69·0	66·6	20·3	72	+6	2·4	-0·4	0·3	0	0	5	2	0	1	0	1	0	0	1	26
	1730	,,	897·3	934·9	...	79·3	70·0	67·8	21·0	72	...	3·2	...	0·1	0	0	2	1	0	0	0	0	0	1	0	29
Hazaribagh ...	0830	2006	899·0	942·0	-2·1	75·5	67·9	63·0	20·3	68	+3	3·2	+0·7	2·6	0	0	16	4	1	1	2	0	2	0	6	15
	1730	,,	896·6	939·4	...	77·0	68·8	63·9	20·9	66	...	4·8	...	2·3	0	0	18	5	1	2	2	1	0	0	7	13
Hazaribagh (C.W.)..	0530	2008	896·6	940·2	...	66·1	63·4	61·2	19·1	85	...	2·1	...	0·7	0	0	5	1	1	1	1	1	0	0	0	26
	0830	,,	899·2	941·9	...	77·1	68·7	63·3	20·4	65	...	2·4	...	1·7	0	0	21	7	0	2	2	6	1	0	3	10
	1130	,,	898·6	941·3	...	81·7	69·5	62·0	19·9	55	...	3·2	...	2·8	0	0	23	12	2	0	2	3	1	0	3	8
	1730	,,	896·5	939·3	...	74·9	68·5	64·6	21·0	73	...	3·6	...	0·6	0	0	6	2	1	0	1	2	0	0	0	25
	2330	,,	897·3	940·8	...	68·1	65·1	62·9	20·0	84	...	1·2	...	0·5	0	0	6	1	1	0	1	2	0	0	1	25
Daltonganj ...	0830	725	1010·1	984·8	-2·1	79·0	71·3	66·4	23·0	67	-9	2·3	+0·5	1·8	0	0	22	3	1	5	4	3	2	3	1	9
	1730	,,	1006·2	981·6	...	79·0	71·7	65·0	23·0	58	...	3·6	...	2·1	0	0	21	2	7	4	1	0	1	6	0	10

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

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1009·8	1005·5	−2·1	80·3	74·9	73·7	27·0	78	− 2	2·4	+0·2	1·7	0	0	24	0	3	10	1	3	3	3	1	7
	1730	,,	1006·0	1001·7	...	80·1	75·1	75·1	27·5	80	...	2·9	...	0·4	0	0	4	0	1	2	1	0	0	0	0	27
Darbhanga ...	0830	161	1010·0	1004·4	−1·8	80·0	75·6	74·0	28·8	82	+11	1·8	−0·1	1·0	0	0	15	0	4	5	0	0	0	5	1	16
	1730	,,	1006·5	1000·9	...	84·0	77·5	74·5	29·3	73	...	1·7	...	0·3	0	0	2	0	2	0	0	0	0	0	0	29
Motihari ...	0830	218	1009·5	1001·9	−2·3	81·3	75·2	72·1	27·2	74	− 3	1·8	+0·3	1·6	0	0	22	0	1	18	0	0	0	3	0	9
	1730	,,	1006·5	999·0	...	81·0	75·1	73·8	28 4	79	...	1·1	...	0·5	0	0	8	0	0	7	0	0	0	1	0	23
Patna ...	0830	173	1009·6	1003·6	−2·1	82·4	73·3	68·3	24·1	63	− 6	1·7	−0·2	2·6	0	0	28	1	6	2	3	3	7	1	5	3
	1730	,,	1006·3	1000·4	...	85·5	74·8	69·1	24·9	59	...	2·1	...	1·7	0	0	18	0	4	1	1	2	5	3	2	13
Patna (Aerodrome)..	0530	196	1007·6	1000·8	...	71·7	70·2	69·3	24·5	92	...	2·1	...	1·0	0	0	8	0	0	4	1	0	0	3	0	23
	0830	,,	1009·2	1002·5	...	81·1	72·9	68·4	24·2	66	...	1·8	...	4·1	0	0	31	0	0	4	4	6	5	10	2	0
	1130	,,	1008·4	1001·7	...	87·5	74·3	66·9	23·3	53	...	2·8	...	5·2	0	0	30	2	3	2	2	6	3	8	4	1
	1730	,,	1006·0	999·3	...	84·2	75·1	70·5	25·8	64	...	2·2	...	1·0	0	0	11	0	0	2	1	1	3	4	0	20
Delhi ...	0830	352	1003·4	997·2	...	77·2	72·3	68·2	24·7	69	...	1·7	...	2·0	0	0	28	0	3	0	7	6	10	0	2	3
	1730	,,	1005·7	993·6	...	85·0	73·9	66·5	23·7	56	...	2·2	...	1·6	0	0	23	2	8	2	0	0	1	0	10	8
Gaya ...	0530	365	1007·5	994·8	...	72·5	69·8	68·5	23·9	87	...	2·6	...	1·9	0	0	18	1	2	1	7	7	0	0	0	13
	0830	,,	1009·3	996·7	−2·2	79·6	71·8	67·4	22·8	67	− 1	2·6	+0·7	2·8	0	0	27	0	2	1	2	18	4	0	0	4
	1130	,,	1008·5	996·2	...	87·7	73·1	64·1	21·3	49	...	2·8	...	3·5	0	0	24	1	1	7	1	2	2	6	4	7
	1730	,,	1005·9	993·5	...	84·2	73·7	67·3	23·6	59	...	2·9	...	1·7	0	0	11	2	3	2	2	0	0	1	1	20
	2330	,,	1007·8	995·2	...	75·9	71·8	69·5	24·9	81	...	1·1	...	2·1	0	0	18	0	0	4	7	6	1	0	0	13
Jamui ...	0830	270	1010·1	1003·1	...	79·7	73·3	69·7	25·0	73	...	2·9	...	2·1	0	0	29	1	0	13	5	0	0	1	9	2
	1730	,,	1006·8	997·4	...	81·9	74·9	69·5	26·4	71	...	3·6	...	1·0	0	0	12	0	1	3	2	0	0	0	6	19
Dumka ...	0830	489	1008·3	991·5	−3·5	81·0	73·8	70·1	25·5	70	− 2	2·0	−0·1	2·1	0	0	31	1	5	5	5	0	1	9	5	0
	1730	,,	1005·3	998·6	...	82·5	74·2	70·6	24·8	70	...	2·8	...	2·2	0	0	31	2	6	4	5	0	3	2	9	0
Sabour ...	0830	122	1009·6	1005·3	−2·3	80·8	75·0	71·9	26·7	75	− 1	3·1	+0·5	3·4	0	0	28	1	0	4	6	3	8	6	0	3
	1730	,,	1006·1	1001·8	...	82·4	76·3	72·8	28·3	74	...	3·7	...	2·3	0	0	22	0	0	4	1	6	2	1	8	9
Bhagalpur ...	0530	160	1007·7	1001·9	...	75·6	72·4	71·0	26·0	88	...	2·3	...	1·5	0	0	14	0	0	4	2	1	4	3	0	17
	0830	,,	999·7	1004·0	...	82·4	75·3	72·6	26·9	71	...	2·7	...	2·1	0	0	17	0	0	5	3	0	2	6	1	14
	1130	,,	1009·0	1003·3	...	86·6	77·0	72·3	27·5	64	...	3·6	...	2·9	0	0	21	0	1	4	4	0	3	7	5	7
	1730	,,	1005·5	1000·8	...	84·1	76·8	73·2	27·9	71	...	3·0	...	2·3	0	0	22	0	1	2	4	3	1	4	7	9
	2330	,,	1008·4	1002·7	...	78·0	73·9	71·5	26·9	82	...	1·7	...	1·7	0	0	17	0	0	2	4	0	5	5	1	14
U. P. East																										
Gonda ...	0830	360	1009·9	997·3	...	75·8	70·5	67·9	23·1	78	+ 2	0·8	−0·6	1·3	0	0	20	0	0	13	1	0	0	5	1	11
	1730	,,	1006·8	994·5	...	83·1	78·1	75·2	30·6	80	...	1·2	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Gorakhpur ...	0830	254	1009·5	1000·7	−2·1	80·3	71·7	66·6	22·5	65	−10	0·5	−0·7	0·3	0	0	5	0	0	0	1	0	0	0	4	26
	1730	,,	1005·9	997·4	...	87·1	73·1	65·0	21·3	50	...	1·1	...	0·1	0	0	1	0	0	0	0	0	1	0	0	30
Gorakhpur (P.B.O.).	0530	257	1007·5	998·5	...	71·2	68·5	66·6	22·3	86	...	1·3	...	1·0	0	0	11	2	0	0	0	2	1	5	1	20
	1130	,,	1008·1	999·6	...	89·0	73·9	65·0	21·8	47	...	2·6	...	3·5	0	0	25	1	0	2	3	5	4	7	3	6
	2330	,,	1008·4	999·4	...	74·4	69·8	66·8	22·8	79	...	0·8	...	0·8	0	0	7	1	0	2	2	0	2	3	0	24
Azamgarh ...	0830	255	1008·6	999·5	...	78·7	71·8	67·2	24·3	67	...	0·6	...	0·1	0	0	1	0	0	1	0	0	0	0	0	30
	1730	,,	1006·0	997·7	...	86·3	76·0	69·0	26·1	62	...	0·3	...	0·0	0	0	0	0	0	0	0	0	0	0	0	31
Banaras ...	0830	250	1009·5	1000·8	+3·7	77·6	69·8	64·5	21·3	66	− 2	1·2	+0·5	4·1	0	0	29	2	1	4	1	4	12	5	0	2
	1730	,,	1005·9	997·4	...	87·4	72·3	62·4	20·2	46	...	1·6	...	3·7	0	0	31	1	7	4	2	0	1	7	9	0
Banaras (Babatpur... Aerodrome)	0530	280	1007·9	998·0	...	68·4	65·6	64·2	20·0	85	...	1·3	...	2·3	0	0	22	1	2	2	3	4	6	3	1	9
	0830	,,	1009·6	999·9	...	80·1	67·4	62·9	17·0	56	...	1·0	...	5·1	0	0	30	0	2	4	1	3	4	13	3	1
	1130	,,	1008·9	999·4	...	89·5	71·3	59·3	18·7	38	...	1·6	...	5·0	0	0	29	2	2	3	1	0	2	5	14	2
	1730	,,	1005·9	996·2	...	87·9	73·6	58·6	23·0	39	...	2·0	...	3·1	0	0	27	3	1	6	1	0	0	6	10	4
	2330	,,	1008·4	998·5	...	72·5	67·4	63·9	19·9	72	...	1·0	...	1·9	0	0	17	1	1	3	0	2	3	4	3	14
Allahabad ... (Bamrauli)	0530	322	1007·9	996·3	...	69·9	65·5	62·3	19·4	77	...	1·0	...	1·5	0	0	19	0	2	1	1	3	5	5	2	12
	0830	,,	1009·5	998·4	−2·9	78·9	69·0	62·3	19·7	58	− 9	1·3	−0·4	3·9	0	0	28	0	1	2	0	4	2	13	6	3
	1130	,,	1008·9	998·0	...	90·6	71·7	59·0	18·9	37	...	1·6	...	5·5	0	0	31	3	4	3	1	1	1	12	6	0
	1730	,,	1006·1	995·6	...	87·6	72·1	62·3	19·8	45	...	1·4	...	2·7	0	0	26	5	3	2	0	0	0	4	12	5
	2330	,,	1008·3	997·1	...	74·8	66·9	61·5	19·0	64	...	0·5	...	1·9	0	0	20	0	1	3	1	2	6	4	3	11
Fatehpur ...	0830	375	1009·7	996·9	...	78·5	68·7	61·6	19·6	58	−10	0·8	−0·5	1·0	0	0	15	0	1	2	0	0	1	9	2	16
	1730	,,	1005·8	992·9	...	89·1	73·5	63·5	21·2	46	...	1·0	...	0·2	0	0	3	1	0	0	0	0	0	1	1	28
Banda ...	0830	398	1009·8	986·0	...	77·3	68·1	61·7	19·0	60	...	0·4	...	0·3	0	0	3	0	0	0	0	0	1	2	0	28
	1730	,,	1006·1	993·0	...	88·7	71·9	61·3	19·5	41	...	0·3	...	0·1	0	0	2	0	0	0	0	0	0	2	0	29
Orai ...	0830	463	1009·9	993·9	...	78·8	66·9	58·1	22·0	51	...	1·1	...	3·5	0	0	30	1	0	1	2	1	7	11	7	1
	1730	,,	1007·1	991·4	...	87·7	73·4	58·1	21·7	40	...	2·1	...	4·0	0	0	31	8	3	3	3	0	0	0	14	0
Kanpur ...	0830	414	1009·5	994·9	−2·2	78·5	68·4	60·2	19·2	55	−13	0·6	−0·1	2·9	0	0	26	0	1	2	2	2	3	14	2	5
	1730	,,	1006·5	992·5	...	87·5	71·0	61·0	18·5	43	...	1·3	...	2·8	0	0	20	3	1	0	0	0	3	11	2	11
Lucknow ...	0830	371	1010·0	997·1	−1·5	76·5	68·5	63·0	20·2	65	− 4	0·6	−0·4	1·2	0	0	18	5	2	3	0	1	1	6	0	13
	1730	,,	1006·6	995·6	...	85·4	72·3	68·5	21·1	52	...	0·9	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Lucknow (Amausi Aerodrome)	0530	419	1008·1	993·2	...	64·5	62·5	60·9	18·5	88	...	0·8	...	0·8	0	0	9	0	3	0	1	0	1	3	1	22
	0830	,,	1009·5	995·0	...	77·5	68·2	62·0	19·3	59	...	1·0	...	3·2	0	0	22	0	2	1	3	2	3	5	6	2
	1130	,,	1008·9	994·8	...	90 0	71·7	59·9	18·3	39	...	1·4	...	4·5	0	1	23	1	5	1	2	1	0	5	9	7
	1730	,,	1006·2	991·9	...	86·0	71·0	61·1	19·1	44	...	1·3	...	2·5	0	0	19	1	3	0	0	0	0	1	14	12
Hardoi ...	0830	467	1009·2	993·1	...	74·7	67·2	66·7	20·0	65	...	0·7	...	2·7	0	0	28	2	2	5	2	1	1	10	5	3
	1730	,,	1006·2	990·4	...	86·1	73·9	66·8	23·0	54	...	1·5	...	0·6	0	0	8	0	0	1	0	0	0	4	3	23
Lakhimpur Kheri ...	0830	483	1009·8	993·1	...	76·2	69·2	64·8	21·1	69	...	0·9	...	2·6	0	0	29	1	7	8	3	0	2	3	5	2
	1730	,,	1006·2	989·7	...	84·3	72·2	65·1	21·5	54	...	1·5	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Bahraich ...	0830	407	1009·9	995·9	+1·3	78·9	71·3	66·8	23·0	67	− 6	1·2	+0·2	1·4	0	0	18	1	0	7	7	0	1	1	1	13
	1730	,,	1006·4	992·6	...	86·1	72·6	64·6	21·1	50	...	1·4	...	0·7	0	0	9	1	0	1	1	0	1	0	5	22

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—OCTOBER 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1010·3	982·2	-1·4	79·7	65·2	53·7	14·7	43	-12	0·6	-0·4	1·2	0	0	10	2	0	1	0	0	0	6	1	21
	1730	..	1006·2	978·5	...	89·1	67·7	52·4	13·4	30	...	1·4	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Agra ...	0830	553	1009·7	990·4	-1·9	73·0	62·9	53·9	15·2	51	- 1	0·4	-0·4	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	..	1006·3	988·0	...	92·0	68·3	50·9	14·5	26	...	0·1	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Mainpuri ...	0830	516	1006·4	991·0	-2·3	77·5	68·3	62·2	19·5	60	- 2	1·0	0	1·2	0	0	19	1	1	1	3	2	2	6	3	12
	1730	..	1003·5	988·9	...	89·7	73·3	63·5	20·6	43	...	1·4	...	0·6	0	0	8	0	0	1	0	0	0	3	4	23
Aligarh ...	0530	615	1008·4	987·0	...	67·2	59·6	53·1	14·0	62	...	0·5	...	0·8	0	0	8	0	0	0	0	0	4	4	0	23
	0830	..	1009·8	988·2	...	76·3	64·0	53·8	14·8	48	- 3	0·7	+0·2	0·2	0	0	3	0	0	0	0	0	0	3	0	28
	1130	..	1009·3	988·6	...	92·2	69·8	54·6	14·8	29	...	0·6	...	2·5	0	0	14	0	0	0	0	0	1	12	1	17
	1730	..	1006·4	985·8	...	90·3	69·0	54·3	14·6	31	...	1·0	...	0·6	0	0	4	0	1	0	0	0	0	3	0	27
	2330	..	1008·8	987·0	...	71·7	62·5	55·2	15·2	57	...	0·1	...	0·2	0	0	2	1	0	0	0	0	0	1	0	29
Bareilly ...	0830	568	1009·5	989·8	-1·9	76·8	67·5	61·1	19·0	59	-14	1·0	+0·1	1·8	0	0	19	1	1	5	4	0	1	4	3	12
	1730	..	1005·6	986·1	...	86·9	70·5	59·5	18·7	42	...	1·3	...	0·5	0	0	7	0	0	0	0	0	0	7	0	24
Bareilly (P.B.O.) ...	0530	565	1007·8	987·9	...	69·8	65·9	63·5	19·9	81	...	0·9	...	2·8	0	0	22	2	3	9	0	1	0	6	1	9
	1130	..	1008·9	989·6	...	87·6	70·2	60·5	17 5	42	...	1·0	...	4·2	0	0	29	4	1	4	4	4	0	5	7	2
	2330	..	1008·1	988·3	...	74·6	68·2	64·9	20·6	72	...	0·3	...	2·1	0	0	21	0	0	6	4	0	1	8	2	10
Meerut ...	0830	728	1010·2	985·0	-1·0	73·7	63·6	55·9	15·9	55	-12	0·2	-0·3	0·9	0	0	13	0	0	0	0	0	0	7	6	18
Roorkee ...	0830	899	1009·8	978·8	-1·8	72·8	64·1	58·2	16·5	60	-12	0·5	-0·1	0·6	0	0	9	0	0	0	8	0	0	0	1	22
	1730	..	1005·8	975·5	...	86·4	67·8	54·4	14·8	35	...	1·5	...	0·4	0	0	6	0	0	0	0	0	1	0	5	25
Dehra-Dun ...	0530	2,239	897·5	933·0	...	62·7	57·0	52·3	13·5	69	...	0·3	...	1·2	0	0	14	8	6	0	0	0	0	0	0	17
	0830	..	899·5	934·5	-1·3	71·8	61·3	55·9	13·7	58	-10	0·3	-0·7	1·5	0	0	22	3	3	0	1	0	4	9	2	9
	1130	..	900·4	934·6	...	82·1	65·3	54·0	13·8	39	...	0·9	...	1·7	0	0	26	0	0	0	3	7	12	4	0	5
	1730	..	898·0	932·3	...	80·7	68·9	63·4	19·0	54	...	0·6	...	0·6	0	0	8	4	1	0	0	1	0	2	0	23
	2330	..	898·3	933·5	...	68·3	60·1	53·9	13·9	61	...	0·5	...	2·7	0	0	28	12	16	0	0	0	0	0	0	3
Punjab (1)																										
New-Delhi ...	0530	710	1008·4	984·2	...	67·5	57·6	47·6	11·8	51	...	0·5	...	2·3	0	0	14	0	0	1	0	0	1	11	1	17
	0830	..	1009·8	985·2	-1·6	75·7	60·6	46·5	11·3	37	-18	0·7	0	4·8	0	0	27	0	2	3	1	0	2	13	6	4
	1130	..	1003·2	985·2	...	89·2	65·8	45·9	11·2	23	...	0·6	...	6·8	0	2	25	5	1	2	1	1	1	7	9	4
	1730	..	1006·3	982·4	...	88·6	65·4	45·1	10·9	23	...	1·0	...	5·2	0	0	27	7	3	0	0	0	1	0	16	4
	2330	..	1008·6	983·8	...	72·4	60·3	49·5	12·4	45	...	0·2	...	1 2	0	0	9	3	0	0	0	0	0	4	2	22
Hissar ...	0830	725	1010·7	985·3	-1·1	69·6	60·2	52·6	13·4	55	+ 1	0·6	0	2·4	0	0	26	2	2	1	2	1	10	6	2	5
	1730	..	1003·7	982·3	...	89·9	70·4	57·9	16·7	35	...	0·5	...	2·2	0	0	19	5	2	0	0	1	0	3	8	12
Karnal ...	0830	818	1009·9	981·2	...	70·8	62·2	55·0	15·3	60	...	0·4	...	0·9	0	0	10	0	1	0	1	0	0	4	4	21
	1730	..	1005·4	978·3	...	88·2	67·0	50·0	13·0	28	...	0·5	...	1·6	0	0	18	0	0	0	0	0	0	6	12	13
Ambala ...	0830	892	1009·7	978·7	-1·8	70·2	61·1	53·6	14·3	56	- 4	0·5	-0·2	0·8	0	0	23	6	1	6	5	0	0	2	3	8
	1730	..	1005·8	975·9	...	89·9	67·3	49·0	12·8	26	...	0·4	...	1·4	0	0	18	2	0	0	0	0	0	3	13	13
Ambala (P.B.O.) ...	0530	903	1008·2	976·7	...	69·8	61·3	55·7	14·8	61	...	0·8	...	3·2	0	0	22	1	0	7	3	0	0	1	10	9
	1130	..	1009·3	978·6	...	84·9	66·7	55·5	14·2	38	...	0·5	...	4·6	0	0	26	1	0	8	4	0	0	2	11	5
	2330	..	1008·3	977·1	...	75·6	62·7	54·0	12·9	48	...	0·5	...	2·3	0	0	19	2	0	1	1	0	0	2	13	12
Patiala ...	0330	822	1009·7	981·2	...	72·5	62·6	54·8	14·8	55	...	0·6	...	2·2	0	0	26	4	1	0	8	0	0	1	12	5
	1730	..	1006·1	978·4	...	86·8	67·3	53·2	14·1	32	...	1·1	...	3·0	0	0	25	15	0	0	0	0	0	0	10	6
Ludhiana ...	0830	810	1009·6	981·5	-1·8	74·1	63·2	53·1	14·7	49	-12	0·6	0	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	..	1006·3	979·5	...	91·9	68·7	51·7	13·8	27	...	0·9	...	0·2	0	0	2	0	0	0	0	0	0	1	1	29
Ferozepur ...	0830	657	1009·7	987·0	...	72·7	61·3	50·5	14·9	57	...	1·0	...	0·3	0	0	4	1	1	1	0	0	0	0	1	27
	1730	..	1006·6	984·5	...	89·8	69·5	56·3	15·7	36	...	0·9	...	0·3	0	0	4	0	1	0	1	0	2	0	0	27
Amritsar ...	0530	769	1009·2	981·8	...	59·4	56·1	53·2	13·7	80	...	0·4	...	2·6	0	0	21	2	7	4	0	0	2	3	3	10
	0830	..	1010·2	983·4	...	70·5	61·7	54·6	14·6	57	...	0·7	...	3·5	0	0	25	3	4	8	3	1	2	1	3	6
	1130	..	1009·7	983·7	...	87·2	68·0	54·5	14·6	34	...	0·6	...	5·8	0	0	30	3	2	0	3	4	3	8	7	1
	1730	..	1006·8	980·9	...	87·8	68·2	54·1	16·3	33	...	0·3	...	5·4	0	0	30	0	0	3	0	0	2	14	11	1
Pathankot ...	0830	1128	1010·0	971·1	...	72·2	60·8	51·4	13·8	48	...	0·5	...	2·0	0	0	29	0	7	16	4	1	0	1	0	2
	1730	..	1007·1	969·2	...	85·1	67·5	56·1	15·5	41	...	1·1	...	0·8	0	0	13	0	0	0	0	1	0	3	9	18
Jammu and Kashmir																										
Srinagar ...	0830	5,205	801·0	844·4	-0·5	49·0	45·0	41·2	8·7	74	-12	0·8	-1·1	2·5	0	0	18	0	2	1	11	2	1	0	1	13
	1130	..	801·8	843·8	...	65·2	53·0	42·6	9·3	43	...	0·9	...	2·4	0	0	19	6	3	0	7	0	0	0	3	12
	1730	..	798·8	840·6	...	65·4	53·3	43·1	9·6	45	...	2·7	...	2·1	0	0	17	1	1	1	3	1	0	3	7	14
Gulmarg ...	0830	8709	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	711·7	668·1	...	32·3	26·6	14·6	3·1	47	...	2·2	...	3·6	0	0	26	0	26	0	0	0	0	0	0	5
	0830	..	712·0	669·1	-0·3	41·7	31·5	12·5	2·9	29	-17	2·1	-0·1	1·0	0	0	8	1	0	0	1	4	2	0	0	23
	1730	..	708·0	666·0	...	51·2	36·4	14·8	2·8	24	...	2·7	...	4·4	0	0	24	0	0	0	1	2	15	4	2	7
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	70·2	60·7	50·9	13·8	47	- 6	0·6	-0·3	5·8	0	0	31	10	16	0	0	0	3	0	2	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1009·6	989·4	...	74·1	60·0	47·9	11·4	40	-10	0·6	+0·4	1·4	0	0	20	2	1	2	3	5	5	1	1	11
	1730	..	1005·5	986·0	...	91·3	66·5	47·1	11·0	23	...	0·9	...	1·5	0	0	19	3	1	1	2	1	3	6	2	12
Bikaner ...	0830	734	1009·9	985·0	-1·9	72·9	64·9	59·0	17·5	63	+16	0·9	+0·3	1·3	0	0	16	0	3	0	6	0	6	0	1	15
	1730	..	1005·5	981·9	...	91·3	77·9	66·9	26·1	45	...	0·9	...	2·4	0	0	24	2	3	0	1	1	4	0	13	7

(R) Register not received.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1008·9	983·1	...	68·4	62·6	58·7	16·9	71	...	1·3	...	1·2	0	0	10	0	0	2	0	4	3	1	0	21
	1130	,,	1009·8	984·9	...	92·6	78·5	73·1	26·9	54	...	1·3	...	3·0	0	0	25	1	2	1	0	2	4	14	1	6
	2330	,,	1009·0	983·5	...	74·9	67·1	62·5	19·4	66	...	1·1	...	1·2	0	0	10	1	0	1	0	2	5	1	0	21
Jaisalmer ...	0830	793	1009·1	981·9	...	77·5	64·2	54·2	14·7	47	...	0·3	...	4·4	0	3	19	0	4	0	0	1	16	1	0	9
	1730	,,	1005·9	979·7	...	93·3	68·6	50·5	13·5	24	...	0·6	...	8·1	0	8	21	0	4	0	0	0	16	3	6	2
Jodhpur ...	0530	736	1009·1	983·4	...	70·0	57·6	44·9	10·7	42	...	1·2	...	1·5	0	0	14	0	5	4	1	0	1	3	0	17
	0830	,,	1010·8	984·9	−0·1	75·8	60·3	45·0	10·9	35	−16	1·5	+0·5	1·0	0	0	7	2	2	1	0	0	1	1	0	24
	1130	,,	1009·9	985·5	...	91·1	66·3	45·7	10·8	22	...	1·0	...	3·1	0	0	23	0	3	1	1	0	11	6	1	8
	1730	,,	1007·0	982·3	...	93·9	66·9	44·0	10·3	19	...	1·4	...	3·3	0	1	18	2	3	1	0	1	7	4	1	12
	2330	,,	1009·5	984·1	...	77·9	60·8	45·2	10·5	33	...	1·2	...	2·8	0	1	17	0	4	0	1	0	2	7	4	13
Phalodi ...	0830	767	1010·3	983·6	...	73·4	63·2	56·1	15·6	58	...	1·2	...	4·8	0	1	30	1	1	1	3	10	12	3	0	0
	1730	,,	1006·8	981·4	...	93·8	74·9	60·9	21·0	40	...	1·4	...	7·0	0	4	27	3	5	0	0	4	11	4	4	0
Barmer ...	0530	638	1008·2	986·1	...	75·9	65·8	58·5	17·3	57	...	0·7	...	3·3	0	0	16	1	0	0	0	0	4	7	4	15
	0830	,,	1010·3	988·1	−1·2	78·6	68·0	61·0	18·7	57	+ 1	1·1	+0·4	2·0	0	0	15	0	1	1	0	1	2	4	6	16
	1130	,,	1009·9	988·4	...	92·6	75·2	65·5	21·7	42	...	0·8	...	2·2	0	0	21	2	2	1	2	3	4	3	4	10
	1730	,,	1006·5	985·2	...	94·4	74·4	61·8	19·4	36	...	1·6	...	2·0	0	0	20	0	2	0	1	6	8	2	1	11
	2330	,,	1008·4	986·8	...	82·5	69·6	61·2	18·8	51	...	0·9	...	1·7	0	0	18	0	1	0	0	0	11	5	1	13
Rajasthan, East																										
Sikar ...	0830	1419	1010·3	961·8	...	75·4	67·8	62·9	19·8	56	...	1·6	...	0·6	0	0	9	0	0	3	4	1	1	0	0	22
	1730	,,	1006·5	959·4	...	89·8	80·8	75·7	30·8	67	...	1·5	...	1·5	0	0	24	2	2	1	0	0	2	7	10	7
Jaipur ...	0830	1431	1010·2	961·7	−1·8	79·7	62·8	48·6	11·9	34	−12	0·9	−0·1	2·4	0	0	20	8	3	4	1	1	0	0	3	11
	1130	,,	1009·0	961·6	...	91·2	65·2	42·5	9·5	19	...	0·7	...	4·5	0	0	28	3	1	2	1	1	6	10	4	3
	1730	,,	1006·3	958·9	...	89·6	66·1	47·3	11·3	24	...	1·6	...	2·7	0	0	24	3	2	1	0	0	0	10	8	7
Jaipur (Sanganer Aerodrome) ...	0530	1282	1009·0	964·5	...	67·9	59·0	43·0	13·0	42	...	1·2	...	3·9	0	0	22	3	3	3	0	0	0	2	11	9
	0830	,,	1009·7	966·7	...	79·1	60·9	43·5	10·0	29	...	1·1	...	3·9	0	0	24	2	3	3	1	0	0	1	14	7
	1130	,,	1008·8	966·4	...	90·4	64·1	38·6	8·6	17	...	1·0	...	5·0	0	0	25	0	1	2	1	1	1	7	12	6
	1730	,,	1005·9	963·3	...	90·5	63·8	38·5	8·5	17	...	2·1	...	5·0	0	1	27	2	2	1	0	0	0	7	16	3
	2330	,,	1009·2	965·1	...	73·0	57·5	41·8	9·2	33	...	0·9	...	2·5	0	0	16	1	7	1	0	0	0	0	7	15
Ajmer ...	0830	1593	1010·9	956·6	−1·4	74·3	59·9	48·7	11·2	41	− 6	1·6	+0·7	0·6	0	0	6	0	1	0	0	1	1	3	0	25
	1730	,,	1006·5	953·8	...	88·6	62·2	39·3	7·2	18	...	2·0	...	2·3	0	0	23	3	1	0	0	0	1	10	8	8
Kotah (R) ...	0530	843	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	,,	1010·3	981·3	−1·6	78·7	64·4	53·3	14·5	42	− 7	1·1	−0·2	0·5	0	0	6	1	0	0	0	0	2	2	1	25
(R)	1130	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1005·1	978·1	...	91·9	67·4	48·4	11·9	23	...	1·3	...	1·0	0	0	11	1	0	1	1	0	0	1	7	20
(R)	2330	,,	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jhalawar ...	0830	1053	1010·6	974·3	−1·5	73·9	62·9	54·7	14·6	51	−10	1·5	+0·1	1·0	0	0	9	3	1	0	1	4	0	0	0	22
	1730	,,	1006·1	971·1	...	91·1	66·2	45·2	10·7	21	...	1·5	...	3·5	0	0	28	7	7	3	1	0	1	2	7	3
Udaipur ...	0530	1910	897·4	944·9	...	64·6	58·2	53·2	13·5	67	...	1·5	..	0·2	0	0	2	1	0	0	0	0	0	0	1	29
	0830	,,	899·7	946·2	−1·5	73·9	63·4	56·5	15·3	55	− 2	1·1	+0·3	0·1	0	0	1	0	1	0	0	0	0	0	0	30
	1130	,,	900·8	946·2	...	88·3	67·4	53·1	13·1	32	...	1·4	...	2·1	0	0	20	1	4	4	2	2	1	6	0	11
	1730	,,	899·0	943·8	...	87·3	67·9	55·1	14·2	35	...	2·2	...	2·3	0	0	19	2	1	2	0	0	7	4	3	12
	2330	,,	898·8	945·8	...	70·6	60·8	53·8	14·1	51	...	1·0	...	1·4	0	0	11	2	0	0	0	0	2	3	4	20
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	1008·7	984·4	...	64·7	59·3	55·1	14·8	73	...	0·9	...	1·4	0	0	13	2	0	2	0	5	2	0	2	18
	0830	,,	1009·7	986·0	−2·3	79·2	65·7	55·1	15·5	45	−14	1·0	+0·2	1·5	0	0	11	2	0	1	0	3	0	3	2	20
	1130	,,	1009·2	986·1	...	89·8	68·1	51·2	13·7	29	...	1·0	...	3·4	0	0	28	7	3	0	1	1	2	0	14	3
	1730	,,	1006·4	983·2	...	87·4	69·7	57·1	16·8	38	...	1·7	...	2·4	0	0	21	6	0	0	1	0	1	0	13	10
	2330	,,	1009·0	985·0	...	69·5	62·5	57·8	16·1	68	...	0·8	...	1·0	0	0	9	1	0	0	0	3	4	0	1	22
Sheopur Kalan ...	0830	771	1008·9	982·2	...	75·0	64·1	55·5	15·5	52	...	1·8	...	1·2	0	0	14	1	1	0	3	7	2	0	0	17
	1730	,,	1006·3	979·8	...	90·5	69·9	57·0	15·6	34	...	2·5	...	1·2	0	0	12	4	2	0	1	0	0	2	3	19
Guna ...	0530	1571	1009·6	955·2	...	65·3	60·7	58·0	16·4	74	...	2·0	...	0·8	0	0	12	2	0	4	5	0	1	0	0	19
	0830	,,	1010·2	956·6	−1·9	74·3	65·2	59·9	17·5	61	− 1	1·9	+0·7	1·5	0	0	18	1	1	4	4	4	0	3	1	13
	1130	,,	1009·0	956·9	...	89·4	70·1	59·2	17·9	37	...	1·9	...	2·3	0	0	25	7	2	0	1	1	2	3	9	6
	1730	,,	1005·9	953·9	...	88·4	70·6	61·3	18·3	41	...	2·3	...	2·6	0	0	28	12	1	3	0	1	1	6	4	3
	2330	,,	1010·0	956·0	...	69·9	63·5	59·8	17·4	70	...	1·8	...	0·8	0	0	11	0	3	3	2	1	0	2	0	20
Neemuch ...	0830	1626	1010·9	955·8	−1·2	76·8	61·5	49·6	12·5	39	−16	1·9	+0·7	1·4	0	0	14	0	6	0	3	0	2	2	1	17
	1730	,,	1006·9	953·2	...	88·7	63·7	43·8	10·0	22	...	2·3	...	4·3	0	0	29	3	14	0	1	0	4	4	3	2
Ratlam ...	0830	1596	1010·4	956·1	...	76·3	65·6	58·7	17·2	55	...	3·4	...	3·0	0	0	22	4	5	5	1	2	3	2	0	9
	1730	,,	1006·3	953·5	...	89·0	72·7	63·6	20·8	45	...	4·6	...	5·9	0	0	29	7	9	2	0	0	1	4	6	2
Indore ...	0530	1861	896·5	945·7	...	65·3	58·2	51·8	13·7	64	...	2·5	...	0·8	0	0	6	2	1	0	0	0	0	2	1	25
	0830	,,	899·3	947·5	−1·9	77·1	64·5	55·9	15·7	49	− 6	2·5	+0·9	2·4	0	0	15	1	3	1	0	1	1	4	4	16
	1130	,,	899·9	947·1	...	87·5	67·5	54·8	14·9	35	...	2·0	...	4·3	0	0	26	4	5	7	3	2	0	4	1	5
	1730	,,	897·2	944·4	...	87·0	65·7	49·7	12·9	30	...	2·2	...	4·1	0	0	27	8	8	5	0	0	0	1	5	4
	2330	,,	897·6	946·3	...	71·8	61·1	52·5	14·1	53	...	0·8	...	0·9	0	0	9	2	1	1	0	1	0	2	2	22
Jhepal (Bairagarh) ...	0530	1714	895·8	950·3	...	67·0	58·7	51·9	13·5	60	...	2·0	...	1·1	0	0	8	4	2	0	0	0	1	1	0	23
	0830	,,	898·4	952·2	−1·6	77·4	63·5	53·3	14·4	45	−17	2·7	+0·9	2·4	0	0	13	1	5	2	0	1	0	1	3	18
	1130	,,	899·4	952·0	...	88·0	65·5	48·1	12·3	28	...	2·5	...	6·7	0	2	26	6	8	7	2	2	1	1	1	3
	1730	,,	896·9	949·4	...	86·8	65·1	48·9	12·4	28	...	2·9	...	5·4	0	2	26	11	6	3	0	1	0	2	5	3
	2330	,,	897·1	951·1	...	72·4	60·8	52·0	13·5	50	...	1·7	..	1·0	0	0	7	3	2	2	0	0	0	0	0	24
Vindhya Pradesh																										
Nowgong ...	0830	750	1010·3	984·3	−1·6	74·3	65·5	59·2	17·5	60	− 9	1·2	−0·5	2·5	0	0	26	0	0	2	1	7	10	5	1	5
	1730	,,	1006·2	981·0	...	89·1	69·7	55·7	16·0	35	...	1·4	...	1·8	0	0	23	3	12	0	0	0	0	4	4	8
Satna ...	0830	1041	1009·8	974·1	−1·9	76·4	67·1	61·2	18·5	60	− 7	1·5	−0·3	1·9	0	0	27	0	0	4	0	2	9	10	3	4
	1730	,,	1006·2	971·3	...	83·7	69·8	60·4	18·6	47	...	1·5	...	3·0	0	0	23	8	5	0	0	0	0	0	10	7

(R) Register not received

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1009·4	958·3	...	76·2	67·3	62·3	19·1	63	− 4	0·9	−1·5	0·2	0	0	2	0	1	0	1	0	0	0	0	29
	1730	,,	1005·9	955·7	...	84·9	71·4	64·3	20·8	52	...	2·3	...	0·2	0	0	2	0	1	0	1	0	0	0	0	29
Madhya Pradesh, East																										
Gondia ...	0830	1026	1010·1	975·0	...	77·0	70·6	66·9	22·6	71	...	2·9	...	1·4	0	0	17	5	4	1	4	1	0	0	2	14
	1730	,,	1006·2	971·6	...	82·9	71·7	64·5	21·4	67	...	3·5	...	1·4	0	0	18	6	4	3	2	0	1	0	2	13
Pendra ... *	0530	2048	897·2	939·3	...	67·0	61·9	57·8	16·8	74	...	3·8	...	0·8	0	0	10	5	0	0	0	1	3	0	1	21
	0830	,,	899·5	941·1	−1·7	74·8	66·3	60·5	18·6	64	− 3	3·2	+0·8	1·1	0	0	12	4	1	1	0	3	2	0	1	19
	1130	,,	899·9	940·9	...	82·3	67·6	57·5	17·1	46	...	3·3	...	2·3	0	0	24	9	8	4	0	0	1	0	2	7
	1730	,,	897·3	938·4	...	79·0	67·9	60·5	18·8	56	...	4·1	...	1·5	0	0	19	11	1	0	0	2	2	0	3	12
	2330	,,	898·1	940·0	...	69·8	63·4	58·8	17·4	69	...	3·4	...	0·8	0	0	11	1	0	2	1	1	1	0	5	20
Raigarh ...	0830	723	1009·4	984·6	...	77·6	71·8	68·3	24·0	73	...	3·8	...	1·9	0	0	24	3	12	4	1	1	2	1	0	7
	1730	,,	1005·8	981·4	...	85·4	73·8	67·1	23·2	56	...	4·1	...	0·6	0	0	7	1	1	1	3	0	0	0	1	24
Ambikapur ... *	0830	1989	898·8	942·7	...	72·0	66·8	63·9	20·4	76	...	1·5	...	2·6	0	0	18	3	3	3	0	3	5	1	0	13
	1730	,,	896·7	939·9	...	78·9	69·2	63·5	20·4	61	...	2·1	...	4·2	0	0	28	15	9	1	1	0	1	0	1	3
Champa ...	0830	895	1010·0	982·3	...	76·2	70·4	67·0	22·8	74	...	3·1	...	2·6	0	0	31	12	3	8	1	0	0	0	7	0
	1730	,,	1006·0	978·9	...	85·0	72·9	65·7	22·2	55	...	4·3	...	1·9	0	0	27	13	2	3	1	0	0	5	3	4
Raipur ...	0530	979	1003·1	974·3	...	72·1	69·3	67·5	23·2	86	...	2·5	...	0·9	0	0	11	4	2	3	0	1	0	0	1	20
	0830	,,	1003·7	976·3	−1·7	77·9	70·8	66·5	22·6	69	− 2	3·1	+0·8	2·1	0	0	21	10	5	3	2	0	0	1	0	10
	1130	,,	1003·6	975·6	...	85·1	72·6	65·0	21·7	53	...	3·0	...	2·7	0	0	25	7	7	5	2	2	0	2	0	6
	1730	,,	1006·0	973·0	...	84·4	72·1	64·8	21·4	54	...	4·2	...	1·6	0	0	17	2	7	5	3	0	0	0	0	14
	2330	,,	1003·5	975·1	...	77·2	70·5	66·5	22·5	73	...	2·7	...	1·0	0	0	10	0	1	2	1	0	4	1	1	21
Kanker ...	0830	1318	1009·9	934·9	−1·5	75·7	70·8	67·9	23·5	77	− 2	3·5	+0·2	0·1	0	0	2	0	0	1	0	0	0	1	0	29
	1730	,,	1006·2	961·9	...	82·2	72·5	67·0	22·9	62	...	5·0	...	0·3	0	0	5	1	3	0	0	0	1	0	0	26
Chanda ...	0830	634	1009·7	987·9	−2·0	77·8	72·2	69·1	24·5	75	+ 2	4·0	+1·7	1·2	0	0	14	1	3	0	0	0	5	4	1	17
	1730	,,	1003·0	934·5	...	84·4	76·0	71·6	26·8	66	...	5·0	...	1·1	0	0	12	2	3	4	1	1	0	1	0	19
Sironcha ...	0830	405	1009·7	995·7	...	77·7	73·9	71·9	26·9	83	...	3·4	...	1·9	0	0	22	6	7	3	4	1	0	0	1	9
	1730	,,	1006·2	992·1	...	85·2	75·1	69 8	25·2	61	...	4·4	...	1·7	0	0	26	7	7	5	4	2	0	0	1	5
Jagdalpur(P.B.O.) *	0530	1813	895·6	946·2	...	68·2	67·1	66·5	22·3	95	...	3·3	...	0·6	0	0	7	0	3	0	0	0	0	3	1	24
	0830	,,	897·8	948·1	+1·5	72·5	69·3	67·5	23·2	83	+ 4	4·5	+1·3	1·3	0	0	14	2	1	5	0	1	2	1	2	17
	1130	,,	897·9	947·2	...	81·7	71·5	62·7	22·2	61	...	4·4	...	2·6	0	0	28	4	10	5	0	0	2	4	3	3
	1730	,,	895·7	945·1	...	79·3	71·2	65·6	23·8	67	...	5·6	...	2·4	0	0	24	7	10	3	0	1	2	1	0	7
	2330	,,	896·8	947·2	...	71·0	68·4	67·2	22·7	88	...	3·1	...	1·1	0	0	11	0	1	4	1	1	2	0	2	20
Madhya Pradesh, West																										
Buldhana ...	0830	2133	899·5	938·1	...	75·0	65·9	59·7	18·1	61	...	3·8	...	2·5	0	0	29	4	0	5	2	2	1	4	12	2
	1730	,,	897·4	935·0	...	86·0	67·3	54·5	15·3	36	...	4·4	...	2·8	0	0	30	5	9	6	0	0	1	0	9	1
Akola ...	0830	925	1010·0	978·4	−1·7	78·1	63·4	61·5	19·4	58	− 3	4·5	+2·1	3·5	0	0	29	1	4	3	2	2	2	11	4	2
	1130	,,	1003·5	977·5	...	89·0	71·3	60·0	18·2	39	...	3·7	...	4·9	0	0	31	1	10	6	3	1	0	5	5	0
	1730	,,	1005·1	974·3	...	91·4	70·5	56·5	16·0	33	...	4·5	...	4·8	0	0	29	5	7	4	2	1	1	2	7	2
Akola ... (Aerodrome)	0530	1015	1003·0	972·9	...	70·1	64·1	59·4	17·8	70	...	2·6	...	2·2	0	0	26	1	3	6	4	4	4	4	0	5
	2330	,,	1003·3	973·5	...	76·5	65·3	59·1	17·5	57	...	3·5	...	2·5	0	0	24	0	3	6	8	5	2	0	0	7
Amravati ...	0830	1213	1009·8	968·5	−1·8	78·7	67·8	59·9	18·3	55	− 3	3·5	+1·1	2·8	0	0	26	1	12	5	0	1	4	0	3	5
	1730	,,	1005·4	965·1	...	89·5	69·3	55·7	15·3	35	...	4·4	...	4·1	0	0	31	3	11	4	5	1	2	0	5	0
Yeotmal ...	0830	1431	1009·8	959·6	...	78·1	70·1	65·1	21·5	66	...	4·1	...	5·4	0	1	30	0	14	0	3	0	6	0	8	0
	1730	,,	1006·0	956·5	...	82·8	71·9	65·8	21·8	58	...	5·4	...	3·0	0	0	21	1	10	1	5	1	2	0	1	10
Khandwa ...	0830	1044	1009·9	974·3	−1·8	78·9	66·7	58·0	16·9	50	−13	2·4	+0·6	4·1	0	0	24	2	4	1	3	3	2	3	6	7
	1730	,,	1005·2	970·6	...	91·6	69·8	54·1	15·0	30	...	3·3	...	6·1	0	1	29	2	17	2	0	1	1	3	4	1
Hoshangabad ...	0830	992	1009·2	975·7	−3·8	74·4	65·3	60·3	17·8	62	− 6	3·6	+1·8	1·5	0	0	23	0	3	8	3	0	4	2	3	8
	1730	,,	1005·8	972·7	...	89·0	71·4	56·9	17·0	35	...	3·5	...	0·9	0	0	12	0	4	1	5	0	2	0	0	19
Sagar ...	0830	1808	893·3	948·6	−1·8	75·9	62·9	52·9	14·3	47	− 7	2·0	+0·2	5·7	0	1	27	3	4	5	5	3	1	2	3
	1730	,,	893·6	945·9	...	84·7	63·0	49·3	11·9	41	...	2·6	...	9·4	0	5	26	14	6	2	0	0	1	2	6	0
Jabalpur ...	0530	1289	1009·1	964·4	...	66·1	63·1	61·2	18·4	85	...	2·0	...	1·8	0	0	15	1	4	0	9	1	0	0	0	16
	0830	,,	1010·3	966·2	−1·4	75·2	67·1	62·1	19·0	64	− 7	1·6	−0·1	2·8	0	0	26	2	7	2	14	1	0	0	0	5
	1130	,,	1008·6	965·5	...	87·3	70·3	60·4	17·6	42	...	1·8	...	4·1	0	0	29	2	10	5	3	2	2	1	4	2
	1730	,,	1006·0	962 9	...	86·3	69·7	58·7	17·3	41	...	3·9	...	2·6	0	0	22	2	13	3	3	0	1	0	0	9
	2330	,,	1009·5	965·0	...	70·3	65·5	62·4	19·3	76	...	1·3	...	1·4	0	0	11	0	5	1	4	0	1	0	0	20
Mandla ...	0830	1452	1011·1	961·1	...	70·2	65·9	62·9	19·8	78	...	2·8	...	1·4	0	0	17	10	4	0	0	0	0	3	14	
	1730	,,	1006·4	957·7	...	82·6	70·0	63·0	19·4	53	...	3·9	...	2·3	0	0	25	13	4	0	0	1	0	0	7	6
Seoni ...	0830	2027	897·1	939·4	−3·9	75·0	66·3	60·0	17·4	59	− 2	2·4	+0·5	2·0	0	0	20	3	8	3	0	0	5	0	1	11
	1730	,,	895·5	936·9	...	83·3	63·2	58·6	17·5	46	...	4·0	...	3·4	0	0	30	6	12	4	4	0	0	0	4	1
Chhindwara ...	0830	2248	900·2	934·7	...	73·4	64·5	58·4	17·1	61	...	2·1	...	1·9	0	0	13	2	5	2	0	0	0	1	3	18
	1730	,,	898·1	931·9	...	82·7	64·9	51·1	13·8	38	...	3·5	...	3·3	0	0	28	10	6	2	2	0	0	2	6	3
Betul ...	0830	2144	900·0	933·0	...	75·7	65·5	58·8	17·4	57	...	2·3	...	1·7	0	0	15	2	6	5	1	0	0	1	0	16
	1730	,,	897·7	935·3	...	81·8	66·2	55·5	15·7	43	...	3 3	...	3·1	0	0	28	5	14	2	2	0	0	1	4	3
Nagpur ...	0530	1010	1008·5	973·4	...	68·9	65·3	62·5	19·7	81	...	2·8	...	2·1	0	0	31	8	3	0	0	1	4	5	10	
	0830	,,	1009·9	975·4	−1·8	79·1	69·5	64·2	20·3	61	+ 2	3·0	+0·6	3·1	0	0	24	9	12	3	0	0	0	0	0	7
	1130	,,	1008·7	974·8	...	88·3	73·2	64·3	21·1	47	...	3·7	...	4·8	0	0	28	3	9	7	2	2	4	0	1	3
	1730	,,	1005·9	971·9	...	85·8	71·5	62·7	19·9	49	...	4·6	...	3·6	0	0	27	3	5	8	4	2	3	1	1	4
	2330	,,	1009·0	974·2	...	73·7	67·7	63·3	20·5	72	...	3·0	...	1·5	0	0	14	2	4	0	0	0	3	5	17	

* Observations for 26 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1010·6	995·1	−1·5	77·3	66·6	59·5	17·5	55	...	1·6	...	...	0	0	31	13	2	0	0	7	8	0	1	0
	1730	,,	1006·7	991·9	...	94·4	72·0	57·7	16·7	30	...	1·4	...	...	0	0	31	5	4	0	0	9	13	0	0	0
Surat ...	0530	39	1008·4	1007·1	...	74·5	71·7	70·1	25·3	86	...	2·6	...	2·8	0	0	24	0	1	3	16	1	0	0	3	7
	0830	,,	1010·7	1009·3	−0·9	79·8	74·3	71·6	26·5	76	+ 8	2·3	+0·1	2·5	0	0	28	0	3	0	11	0	7	0	7	3
	1130	,,	1010·0	1008·6	...	92·3	76·4	68·0	23·8	46	...	1·9	...	3·9	0	0	30	2	7	3	1	1	5	2	9	1
	1730	,,	1006·7	1005·4	...	91·6	76·0	63·0	23·6	47	...	2·8	...	5·2	0	0	31	1	2	0	1	1	16	3	7	0
	2330	,,	1009·1	1007·8	...	80·0	74·0	70·9	26·0	74	...	1·9	...	2·6	0	0	22	1	1	0	3	2	10	0	5	9
Ahmedabad ...	0530	182	1008·3	1002·0	...	72·9	66·1	61·3	18·8	68	...	1·5	...	4·6	0	0	25	5	5	1	0	0	3	1	10	6
	0830	,,	1010·2	1004·0	−1·8	79·0	68·9	62·3	19·6	58	− 6	2·0	+0·7	5·5	0	0	29	7	3	7	3	0	0	3	6	2
	1130	,,	1010·1	1004·0	...	91·6	72·4	60·5	18·4	37	...	1·3	...	5·7	0	1	29	6	5	5	5	1	0	2	6	1
	1730	,,	1006·7	1000·7	...	95·3	71·0	54·7	14·9	26	...	1·7	...	4·6	0	0	26	4	6	3	1	1	1	1	9	5
	2330	,,	1009·1	1002·8	...	78·7	68·6	62·0	19·4	57	...	1·5	...	2·7	0	0	18	1	2	1	1	1	7	1	4	13
Dohad ...	0830	1093	1010·4	973·0	...	77·0	67·4	60·6	18·6	59	−12	1·8	−0·3	2·5	0	0	16	5	1	4	0	2	1	3	0	15
	1730	,,	1005·1	969·9	...	92·8	70·0	53·6	14·7	28	...	1·5	...	5·2	0	1	23	6	5	0	6	0	4	8	1	7
Baroda ...	0530	115	1008·5	1004·5	...	70·2	66·7	64·4	20·8	83	...	1·5	...	0·3	0	0	4	0	1	0	0	2	1	0	0	27
	0830	,,	1010·4	1006·4	...	78·1	70·8	66·6	22·4	69	− 3	2·0	+0·6	1·2	0	0	14	0	3	1	3	4	1	2	0	17
	1130	,,	1010·1	1005·2	...	91·7	74·1	63·8	20·8	41	...	1·0	...	1·0	0	0	13	1	3	2	2	0	2	2	1	18
	1730	,,	1003·8	1002·9	...	94·0	74·0	62·5	19·6	36	...	1·5	...	1·6	0	0	21	5	4	1	0	1	4	3	3	10
	2330	,,	1009·0	1005·0	...	76·0	68·5	63·6	20·4	66	...	1·4	...	1·0	0	0	12	0	2	1	0	1	6	1	1	19
Baroda (Aerodrome) ...	0530	124	1008·7	1004·5	...	72·4	66·4	62·7	19·4	73	...	2·7	...	0·9	0	0	8	0	1	0	2	1	3	1	0	33
	0830	,,	1010·5	1006·2	...	79·7	70·3	64·3	21·0	61	...	3·3	...	2·9	0	0	17	3	1	0	2	1	6	3	1	14
	1730	,,	1006·9	1002·7	...	95·3	70·8	53·9	14·7	23	...	2·3	...	4·1	0	0	27	5	2	0	0	0	5	5	10	4
	2330	,,	1003·5	1004·2	...	79·5	68·6	60·6	18·9	54	...	1·5	...	2·7	0	0	20	7	0	1	0	0	4	4	4	11
Broach ...	0830	57	1009·8	1007·8	...	76·0	70·9	67·9	23·6	77	...	2·0	...	2·4	0	0	29	0	3	2	4	5	10	3	2	2
	1730	,,	1005·8	1003·9	...	95·4	73·4	59·5	18·1	32	...	1·7	...	4·0	0	0	31	1	7	5	0	2	11	4	1	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1010·7	998·7	−1·2	76·4	69·1	64·9	21·0	69	+10	0·9	−0·2	1·0	0	0	11	2	1	0	0	1	6	1	0	20
	1730	,,	1007·3	995·8	...	92·6	68·3	49·5	12·6	25	...	1·2	...	5·5	0	0	28	3	3	1	0	1	6	11	3	3
Bhuj (P.B.O.) ...	0530	347	1008·8	996·7	...	73·8	67·2	63·4	19·8	72	...	0·8	...	0·5	0	0	6	1	1	0	0	0	3	0	1	25
	0830	,,	1010·1	998·1	...	77·9	69·0	64·2	20·1	65	...	1·4	...	0·8	0	0	10	1	1	0	0	0	5	2	1	21
	1130	,,	1009·9	998·2	...	90·1	69·1	57·0	14·8	34	...	1·3	...	3·0	0	0	24	4	5	0	0	0	5	7	3	7
	1730	,,	1007·0	995·3	...	91·8	67·8	53·4	12·4	29	...	1·5	...	4·0	0	0	22	1	2	1	0	0	7	8	3	9
	2330	,,	1009·3	997·4	...	78·7	67·9	61·5	18·4	59	...	0·6	...	1·1	0	0	12	1	0	0	0	1	7	3	0	19
Dwarka ...	0830	37	1010·8	1009·5	−1·2	78·6	73·9	71·5	26·4	80	+ 1	1·9	0	6·4	0	0	30	9	1	0	0	0	3	7	10	1
	1730	,,	1008·6	1007·3	...	81·8	75·5	72·3	27·3	73	...	1·2	...	9·2	0	1	30	2	0	0	0	0	2	11	16	0
Jamnagar ...	0530	74	1008·2	1005·6	...	72·8	69·3	67·3	22·9	84	...	1·1	...	5·0	0	1	28	1	0	0	0	3	15	8	2	2
	0830	,,	1009·8	1007·2	−2·0	78·9	71·4	68·4	22·9	72	− 7	2·1	+1·2	4·8	0	1	26	1	0	3	1	2	11	7	2	4
	1130	,,	1010·1	1007·6	...	89·3	73·0	64·1	20·4	45	...	1·5	...	8·5	0	5	26	7	3	0	1	1	0	10	9	0
	1730	,,	1007·0	1004·5	...	83·5	69·3	64·0	18·0	45	...	1·7	...	11·9	0	13	18	4	0	0	0	0	0	14	13	0
Rajkot ...	0830	432	1010·4	995·4	−1·4	76·4	70·2	66·3	22·5	72	+ 1	1·9	+0·1	5·5	0	0	24	2	1	1	1	0	3	9	7	7
	1730	,,	1006·3	991·9	...	94·9	68·5	48·4	11·8	21	...	2·7	...	10·8	0	10	21	6	4	2	1	0	2	7	9	0
Rajkot (Aerodrome) ...	0530	439	1008·9	993·5	...	70·6	67·1	64·7	21·1	82	...	2·2	...	4·8	0	0	30	0	3	1	2	5	10	8	1	1
	0830	,,	1010·6	995·4	...	77·5	71·4	67·9	23·5	74	...	2·1	...	6·4	0	0	29	2	4	1	0	1	6	10	5	2
	1130	,,	1010·3	995·4	...	90·1	73·8	64·0	21·1	44	...	1·4	...	7·4	0	1	30	6	8	1	0	0	2	5	9	0
Veraval ...	0530	36	1008·6	1007·7	...	72·7	68·4	65·7	21·8	80	...	2·2	...	6·3	0	2	25	12	3	1	0	0	0	2	9	4
	0830	,,	1010·4	1009·5	−1·3	77·5	71·1	67·3	23·1	73	+ 7	2·8	+1·0	6·4	0	1	28	12	8	0	0	0	1	0	8	2
	1130	,,	1010·6	1009·7	...	88·3	74·9	67·2	23·4	54	...	1·7	...	8·6	0	2	29	5	4	1	0	0	1	9	11	0
	1730	,,	1007·7	1006·8	...	83·0	76·3	73·0	27·9	72	...	2·0	...	11·5	0	12	19	1	0	0	0	1	3	11	15	0
	2330	,,	1009·9	1009·0	...	77·3	71·7	68·7	24·1	76	...	1·2	...	6·6	0	1	29	4	5	0	1	0	0	4	16	1
Bhavnagar ...	0830	55	1010·9	1009·0	−0·8	77·4	68·2	62·1	19·4	61	+ 2	1·8	−0·4	2·7	0	0	25	2	1	0	0	4	4	10	4	6
	1730	,,	1007·0	1005·2	...	94·3	74·2	63·1	19·8	37	...	2·5	...	4·1	0	0	31	1	6	12	3	8	1	0	0	0
Bhavnagar (Aerodrome) ...	0830	35	1010·5	1009·3	...	80·9	69·1	61·3	18·9	53	...	2·1	...	6·8	0	2	26	9	1	3	0	1	3	8	3	3
	1130	,,	1010·3	1009·1	...	90·3	72·2	60·9	18·9	39	...	1·5	...	8·7	0	1	29	1	8	19	1	0	1	0	0	1
Konkan																										
Dahanu ...	0830	15	1010·1	1009·6	...	79·1	75·7	73·8	28·8	85	...	3·8	...	6·8	0	0	30	0	2	13	13	2	0	0	0	1
	1730	,,	1007·3	1006·8	...	85·3	80·3	77·8	33·1	79	...	2·8	...	10·8	0	7	24	6	0	0	0	0	1	14	10	0
Bombay (Colaba) ...	0830	35	1010·4	1009·2	−0·9	81·5	76·5	74·2	28·9	79	− 2	3·3	+1·2	5·7	0	0	31	2	10	11	7	0	0	0	1	0
	1130	,,	1010·3	1009·1	...	86·0	77·8	74·0	28·8	68	...	3·1	...	5·1	0	0	30	3	1	6	6	3	3	2	6	1
	1730	,,	1007·5	1006·3	...	83·7	77·8	75·2	29·8	76	...	3·4	...	7·7	0	1	30	2	0	0	0	0	2	10	17	0
Bombay (Santacruz Aerodrome) ...	0530	27	1008·4	1007·5	...	74·2	72·3	71·3	26·2	91	...	2·6	...	1·6	0	0	13	1	6	4	1	1	0	0	0	18
	0830	,,	1010·3	1009·4	−1·0	79·8	75·1	72·8	27·6	80	− 2	3·5	+0·4	3·2	0	0	25	1	10	8	5	1	0	0	0	6
	1130	,,	1010·3	1009·4	...	87·3	76·4	70·7	26·1	59	...	3·3	...	5·9	0	0	30	2	6	4	0	4	2	9	3	1
	1730	,,	1007·3	1006·4	...	85·2	76·8	72·6	27·7	57	...	3·8	...	9·4	0	2	29	1	0	1	0	0	1	9	19	0
	2330	,,	1009·6	1008·7	...	76·2	73·3	71·7	26·7	86	...	2·6	...	2·0	0	0	12	3	4	1	0	3	0	0	1	19
Alibag ...	0830	23	1010·5	1009·7	−0·7	80·2	76·9	75·4	30·1	86	+10	3·0	−0·2	1·2	0	0	12	0	3	4	4	1	0	0	0	19

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd.*																										
Harnai ...	0830	66	1010·3	1008·0	...	79·5	75·2	72·9	27·9	81	...	5·1	...	4·8	0	0	26	7	4	4	2	4	0	1	4	5
	1730	..	1007·5	1005·2	...	81·3	77·6	75·9	30·6	84	...	4·5	...	10·6	0	13	17	4	1	1	2	3	0	5	14	1
Ratnagiri ...	0830	116	1010·0	1006·0	-1·1	78·2	74·5	72·8	27·5	84	...	4·4	...	...	0	0	31	4	5	19	0	0	0	0	3	0
	1730	..	1007·4	1003·4	...	81·4	76·6	74·3	29·1	80	...	4·1	...	...	0	9	22	0	0	0	0	0	4	5	22	0
Devgad ...	0830	117	1010·3	1006·2	...	77·3	74·8	73·4	28·3	88	...	4·9	...	5·1	0	28	1	6	6	11	3	1	0	1	1	2
	1730	..	1007·4	1003·4	...	81·4	77·6	75·9	30·6	84	...	4·8	...	10·1	0	23	8	7	0	1	1	0	4	6	12	0
Vengurla ..	0530	29	1008·7	1007·7	...	74·2	73·3	72·8	27·6	95	...	4·2	...	...	0	0	1	1	0	0	0	0	0	0	0	30
	0830	..	1010·7	1009·7	...	79·4	75·4	73·7	28·2	83	...	4·9	...	...	0	0	4	1	1	1	0	0	0	0	1	27
	1130	..	1010·4	1009·4	...	84·2	76·8	73·2	28·1	71	...	4·4	...	...	0	0	17	3	0	0	0	0	5	7	2	14
	1730	..	1007·9	1006·9	...	81·4	76·2	73·9	23·5	78	...	5·2	...	...	0	0	11	0	0	1	0	0	0	8	2	20
	2330	..	1010·0	1009·0	...	75·9	74·3	73·5	28·3	93	...	3·7	...	...	0	0	4	1	0	0	0	0	0	1	2	27
Marmagao ...	0830	202	1010·4	1003·4	-0·7	78·0	75·0	73·5	28·3	86	+ 4	4·7	+0·5	4·3	0	0	31	7	8	5	3	3	1	2	2	0
	1730	..	1007·7	1000·7	...	79·7	76·3	74·7	29·4	85	...	5·3	...	5·9	0	0	31	0	1	1	0	3	2	13	11	0
Honavar ...	0830	85	1010·5	1007·6	...	77·2	74·7	73·3	28·2	88	...	5·3	...	1·8	0	0	24	0	2	16	6	0	0	0	0	7
	1730	..	1007·7	1004·8	...	81·3	77·0	75·2	29·7	82	...	5·5	...	3·3	0	0	30	0	0	1	0	1	3	13	12	1
Deccan (Desh)																										
Jalgaon ...	0830	660	1010·3	987·6	...	79·5	68·0	61·3	18·2	59	...	2·9	...	6·2	0	3	24	0	0	5	6	1	3	8	4	4
	1730	..	1005·3	983·3	...	94·3	70·3	53·6	14·4	27	...	3·1	...	6·5	0	4	24	4	10	2	2	1	0	5	4	3
Malegaon ...	0830	1432	1010·4	962·1	-1·2	79·1	67·2	57·4	17·4	53	-10	1·6	-1·0	1·5	0	0	20	1	6	0	0	0	2	3	8	11
	1730	..	1004·6	957·4	...	91·0	67·1	46·5	11·9	24	...	2·5	...	1·7	0	0	22	3	12	0	0	0	1	0	6	9
Daolali ...	0830	1875	899·3	947·3	...	74·3	69·1	66·8	22·2	78	...	3·2	...	1·7	0	0	14	3	2	1	0	0	7	1	0	17
Ahmednagar ...	0830	2154	900·2	938·0	-1·3	78·5	66·3	59·9	18·3	59	- 5	3·6	+1·1	3·1	0	0	27	8	2	1	1	1	0	1	13	4
	1730	..	897·5	934·4	...	86·4	68·1	56·4	16·0	30	...	4·5	...	5·0	0	0	29	2	14	0	2	0	1	1	9	2
Poona ...	0530	1835	896·6	946·5	...	68·4	67·1	66·4	22·1	93	...	2·1	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	..	898·8	948·4	-1·3	72·6	68·9	65·9	22·7	82	+ 5	3·1	-0·1	0·3	0	0	5	0	0	0	0	0	3	2	0	26
	1130	..	899·4	947·9	...	84·5	70·0	61·7	19·1	48	...	2·7	...	1·5	0	0	17	1	3	5	2	0	1	3	2	14
	1730	..	896·6	944·7	...	82·9	71·1	64·8	21·1	57	...	3·9	...	1·5	0	0	18	1	1	1	0	0	4	8	3	13
	2330	..	897·9	947·5	...	72·0	68·8	67·0	22·8	84	...	2·7	...	0·5	0	0	8	0	0	0	0	0	4	4	0	23
Poona (Lohagaon Aerodrome) ...	0530	1947	897·0	942·8	...	68·4	66·2	64·9	21·1	89	...	2·9	...	...	0	0	8	0	0	1	0	0	0	6	1	23
	0830	..	899·2	944·7	...	72·9	68·1	65·3	21·5	78	...	3·5	...	...	0	0	19	2	0	0	0	0	0	16	1	12
	1130	..	899·8	944·3	...	83·4	69·0	59·8	18·3	48	...	3·5	...	...	0	0	20	2	5	6	1	0	0	5	1	11
	1730	..	896·8	941·2	...	82·7	69·1	60·2	18·7	51	...	4·5	...	...	0	6	22	2	2	4	1	0	0	14	5	3
	2330	..	898·3	943·8	...	71·8	68·0	65·7	21·9	82	...	2·9	...	...	0	0	16	1	0	0	0	0	0	11	4	15
Jeur ...	0830	1709	898·3	952·0	...	76·1	68·9	64·6	21·2	69	...	2·5	...	3·9	0	0	29	9	3	1	2	1	0	6	7	2
	1730	..	895·8	943·3	...	86·9	70·2	60·4	18·5	44	...	4·3	...	5·7	0	1	29	3	9	7	1	1	1	4	4	1
Sholapur ...	0530	1570	1008·7	955·0	...	71·7	66·9	63·6	20·6	77	...	3·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	..	1010·1	956·8	-1·4	76·7	69·2	64·5	21·3	68	+ 4	3·3	+0·2	1·0	0	0	14	1	8	2	0	1	0	0	2	17
	1130	..	1008·5	956·2	...	85·6	70·8	61·8	19·7	48	...	3·7	...	4·3	0	0	27	2	12	4	3	2	1	0	3	4
	1730	..	1005·0	953·0	...	87·0	69·4	58·1	17·4	42	...	4·8	...	2·6	0	0	23	0	15	0	1	0	2	3	2	8
	2330	..	1009·0	956·4	...	75·9	67·3	62·0	19·3	64	...	3·5	...	0·3	0	0	3	0	3	0	0	0	0	0	0	27
Miraj ...	0830	1817	898·9	949·1	-0·9	73·6	68·7	66·2	22·0	78	+ 6	4·5	+0·5	3·2	0	0	21	2	2	3	0	0	1	6	7	10
	1730	..	896·6	945·6	...	83·7	70·6	62·9	20·3	53	...	5·5	...	4·3	0	0	24	2	2	4	0	1	1	7	7	7
Kolhapur ...	0530	1870	895·6	945·0	...	69·3	68·0	67·3	22·8	94	...	3·7	...	2·9	0	0	23	0	2	3	0	1	0	17	0	8
	0830	..	898·8	947·0	...	73·1	69·5	67·4	23·2	83	...	3·7	...	3·7	0	0	23	0	6	4	0	0	0	13	0	8
	1130	..	899·1	946·5	...	82·2	71·2	65·0	21·6	58	...	3·9	...	7·1	0	1	29	3	8	9	1	0	1	7	1	1
	1730	..	896·3	943·6	...	81·1	71·1	65·2	21·9	62	...	5·0	...	9·4	0	8	21	0	8	2	0	2	0	17	0	2
Bijapur ...	0830	1950	899·0	944 1	-1·5	75·2	68·9	67·3	21·6	72	+ 4	3·4	+0·5	2·2	0	0	25	4	4	1	0	0	1	4	11	6
	1730	..	896·4	940·5	...	84·6	70·0	61·0	19·1	49	...	3·9	...	3·8	0	0	28	5	8	5	0	2	2	3	3	3
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	899·8	938·4	-1·0	74·4	69·4	66·4	22·5	78	+ 3	5·8	+1·7	5·0	0	0	30	1	2	6	0	0	4	12	5	1
	1730	..	897·0	935·2	...	80·0	69·6	62·9	20·4	60	...	6·8	...	4·6	0	2	27	2	6	6	2	1	3	8	1	2
Gadag (P.B.O.) ...	0530	2150	897·6	935·9	...	69·8	68·0	67·2	22·6	92	...	4·3	...	...	0	0	10	0	0	0	0	0	3	7	0	21
	0830	..	899·3	937·6	...	74·5	70·2	68·2	23·5	82	...	4·4	...	...	0	0	11	1	0	1	0	0	2	7	0	20
	1130	..	899·7	937·3	...	81·0	72·3	68·3	23·5	68	...	5·0	...	...	0	0	12	2	3	2	0	0	1	3	1	19
	1730	..	896·9	934·4	...	80·0	71·7	67·9	23·1	70	...	5·7	...	...	0	0	8	1	1	1	0	0	2	3	0	23
	2330	..	898·8	937·0	...	71·8	68·4	66·5	22·3	85	...	4·7	...	...	0	0	13	1	0	1	0	0	3	8	0	18
Hyderabad, North																										
Aurangabad ...	0830	1905	899·4	946·1	-1·6	75·1	66·2	60·1	18·4	61	+ 3	2·6	-0·4	2·6	0	0	18	2	6	4	0	1	1	3	1	13
	1730	..	897·2	942·7	...	88·4	68·9	56·2	16·2	36	...	4·7	...	7·6	0	1	30	2	11	6	1	0	2	3	6	0
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	896·8	944·4	...	67·1	62·5	59·2	17·5	76	...	2·6	...	2·1	0	0	13	3	0	2	1	0	0	5	2	18
	0830	..	899·6	946·1	...	79·5	68·1	60·9	18·8	55	...	2·7	...	4·1	0	2	16	4	2	2	3	0	0	3	4	13
	1130	..	899·7	946·0	...	86·6	70·1	60·2	18·4	43	...	3·3	...	7·2	0	3	25	4	10	3	5	1	2	1	2	3
	1730	..	896·8	942·6	...	86·6	69·4	58·2	17·7	42	...	4·1	...	6·8	0	1	28	5	12	2	1	1	1	2	5	2
	2330	..	898·0	945·2	...	73·5	64·1	58·2	17·1	63	...	2·6	...	3·8	0	2	17	3	2	4	0	0	0	3	7	12
Parbhani ...	0830	1393	1010·4	963·0	...	76·8	68·7	63·2	20·3	65	...	3·0	...	...	0	0	13	1	4	2	0	0	0	3	3	18
	1730	..	1005·8	959·4	...	86·0	70·4	59·3	18·4	44	...	3·9	...	...	0	0	19	12	2	0	1	0	0	0	4	12
Ramagundam ...	0830	513	1009·1	991·4	...	79·1	73·5	70·7	25·7	76	...	3·5	...	2·1	0	0	24	9	6	3	0	2	0	1	3	7
	1730	..	1005·6	988·1	...	85·4	74·9	69·0	24·8	61	...	4·6	...	2·4	0	0	21	5	7	3	0	1	0	0	5	10

* Data not reliable. + Observations for 30 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1009·4	966·8	-2·0	77·6	71·4	68·2	23·4	73	+ 3	4·1	+1·5	0·8	0	0	13	1	2	0	0	2	1	1	6	18
	1730	,,	1005·4	963·5	...	84·7	72·7	66·2	22·0	55	...	4·5	...	0·6	0	0	9	5	1	0	0	1	0	0	2	22
Bidar ...	0830	2178	899·1	936·0	...	74·5	68·3	64·4	21·1	73	+ 3	5·1	+2·1	4·9	0	0	27	5	2	5	1	0	2	8	4	4
	1730	,,	896·6	933·1	...	80·1	68·7	61·4	19·3	56	...	5·5	...	6·1	0	0	29	7	12	4	0	0	0	3	3	2
Hyderabad, South																										
Gulbarga ...	0830	1503	1009·9	958·8	-1·5	76·2	69·9	66·2	22·4	73	+ 7	4·9	+2·3	5·6	0	1	30	5	8	6	0	0	5	3	4	0
	1730	,,	1005·2	955·7	...	83·7	70·8	62·8	20·5	55	...	5·3	...	6·8	0	1	30	6	8	11	2	1	2	0	1	0
Raichur ...	0830	1311	1009·7	965·1	-1·5	77·1	71·1	67·7	23·3	74	+ 4	5·0	+2·3	4·7	0	1	29	0	3	4	3	1	3	7	9	1
	1730	,,	1005·1	961·4	...	86·0	71·6	62·3	19 9	49	...	5·8	...	5·6	0	0	28	5	10	4	3	0	0	2	4	3
Hyderabad (Nizamiah) ...	0830	1778	898·2	949·4	-1·4	75·8	70·6	67·9	23·4	77	+ 5	5·0	+1·6	2·7	0	0	13	1	3	1	1	1	0	2	4	18
	1730	,,	896·0	946·6	...	81·0	71·2	65·6	22·1	63	...	5·6	...	5·5	0	0	27	7	10	3	0	2	0	2	3	4
Hyderabad (Begumpet) ...	0530	1787	895·8	947·4	...	68·9	67·5	66·4	23·2	92	...	4·5	...	4·4	0	0	26	10	5	2	1	0	1	3	4	5
	0830	,,	898·4	949·4	...	75·5	70·4	67·6	23·4	77	...	5·1	...	4·8	0	1	22	5	0	2	5	1	1	2	7	8
	1130	,,	898·5	948·8	...	82·6	70·9	63·9	21·1	56	...	5·2	...	7·3	0	2	28	4	7	6	2	1	1	3	7	1
	1730	,,	896·1	946·4	...	80·5	70·2	64·2	21·0	61	...	5·7	...	7·0	0	2	29	10	8	3	2	2	1	1	4	0
	2330	,,	897·2	948·5	...	71·8	68·5	66·7	22·4	84	...	4·1	...	3·9	0	1	21	11	3	4	1	0	0	2	1	9
Hanamkonda ...	0830	881	1009·7	979·5	-1·7	77·5	72·8	70·2	25·4	79	+ 6	3·4	+0·1	3·3	0	0	24	11	1	0	2	3	0	0	7	7
	1730	,,	1006·0	976·2	...	84·0	73·7	67·5	23·7	61	...	4·0	...	3·1	0	0	30	10	11	4	1	2	0	1	2	0
Khammameth ...	0830	367	1009·0	996·6	...	78·4	74·4	72·3	27·3	82	...	4·6	...	1·9	0	0	26	16	1	7	0	0	0	2	0	5
	1730	,,	1005·8	993·3	...	85·5	76·4	71·3	26·9	64	...	5·5	...	2·1	0	0	26	17	1	5	1	2	0	0	0	5
Coastal Andhradesa																										
Nellore ...	0530	65	1007·0	1004·7	...	76·5	74·2	73·0	27·9	89	...	4·1	...	...	...	...	...	1	0	0	3	2	1	7	4	13
	0830	,,	1009·0	1006·7	-1·7	81·7	75·8	72·9	27·8	75	- 4	5·0	0	...	...	...	...	1	0	0	1	1	2	6	5	15
	1130	,,	1007·9	1005·7	...	87·9	76·9	71·0	26·6	60	...	4·6	...	...	...	...	...	4	3	1	5	0	0	10	6	2
	1730	,,	1005·8	1003·6	...	84·5	77·0	73·5	28·3	71	...	5·3	...	...	...	...	...	0	3	12	3	1	0	0	0	12
	2330	,,	1008·0	1005·7	...	78·9	75·6	74·0	28·8	85	...	3·3	...	...	...	...	...	0	0	0	1	0	1	2	1	26
Ongole ...	0830	38	1008·8	1007·5	...	81·6	76·3	73·7	28·6	78	...	4·2	...	2·4	0	0	23	2	2	0	1	1	1	7	9	8
	1730	,,	1005·5	1004·2	...	84·3	77·2	73·2	28·7	73	...	5·0	...	4·3	0	0	29	1	6	12	6	1	2	1	0	2
Gannavaram ...	0530	88	1007·1	1004·1	...	75·1	72·8	71·6	26·5	90	...	4·2	...	2·7	0	0	20	6	6	1	0	1	1	1	4	11
	0830	,,	1009·2	1006·2	...	80·8	75·4	72·5	27·6	77	...	4·7	...	4·2	0	0	24	6	8	3	1	0	0	3	3	7
	1130	,,	1008·4	1005·4	...	86·0	76·8	71·8	27·3	65	...	5·0	...	4·9	0	0	28	6	8	5	3	3	1	2	0	3
	1730	,,	1006·0	1003·0	...	83·1	76·0	72·2	27·4	72	...	4·9	...	4·5	0	0	27	6	5	3	9	3	1	0	0	4
	2330	,,	1008·1	1005·1	...	77·1	74·1	72·3	27·4	86	...	3·4	...	2·7	0	0	24	6	5	7	3	0	0	2	1	7
Masulipatam ...	0530	10	1006·9	1006·6	...	77·1	75·6	74·3	29·6	92	...	4·5	...	2·5	0	0	16	7	3	0	0	0	1	1	4	15
	0830	,,	1009·0	1008·7	-1·9	80·7	76·8	74·9	29·7	83	+ 3	4·8	+1·0	2·6	0	0	21	6	8	1	1	0	0	2	3	10
	1130	,,	1008·3	1008·0	...	83·0	77·4	73·5	29·1	74	...	5·1	...	4·5	0	0	26	3	3	5	0	0	0	3	12	5
	1730	,,	1005·8	1005·5	...	83·8	77·4	74·5	29·2	75	...	4·9	...	2·6	0	0	26	4	1	1	6	10	0	1	3	5
	2330	,,	1008·1	1007·8	...	79·5	77·0	75·3	30·5	87	...	2·7	...	1·6	0	0	11	2	4	2	1	0	0	0	2	20
Kakinada ...	0830	26	1009·1	1008·2	-1·8	82·8	77·1	74·3	29·2	77	0	4·2	+0·1	5·3	0	0	28	0	12	0	1	0	8	0	7	3
	1730	,,	1005·9	1005·0	...	83·4	76·8	73·5	28·2	74	...	4·1	...	5·9	0	0	31	0	4	1	20	0	6	0	0	0
Visakhapatnam ...	0530	11	1007·0	1006·6	...	75·3	74·5	73·5	28·8	95	...	4·3	...	2·7	0	0	13	1	3	1	0	0	2	4	2	18
	0830	,,	1009·0	1008·6	-1·9	81·7	76·5	74·0	28·8	79	+ 2	4·8	+0·5	4·9	0	1	21	3	1	0	2	0	1	3	12	9
	1130	,,	1007·8	1007·4	...	87·1	79·1	75·2	30·6	71	...	5·0	...	6·5	0	1	24	7	4	1	5	1	3	2	2	6
	1730	,,	1006·0	1005·6	...	83·1	78·8	77·0	31·7	82	...	5·4	...	6·0	0	1	27	2	3	8	9	2	2	2	0	3
	2330	,,	1008·2	1007·8	...	78·1	76·7	75·8	30·8	93	...	3·8	...	1·9	0	0	9	2	2	0	0	0	2	2	1	22
Calingapatam ...	0830	19	1008·5	1005·8	-2·5	77·7	74·4	72·9	27·6	85	+ 4	5·3	+1·9	5·6	0	1	30	0	2	2	1	0	0	15	13	0
	1730	,,	1005·8	1005·1	...	83·9	76·4	72·4	27·7	70	...	5·6	...	7·5	0	1	30	1	3	13	10	2	2	0	0	0
Rentachintala ...	0830	348	1009·2	996·8	...	78·8	73·9	71·5	26·3	79	+ 5	5·2	+0·1	0·5	0	0	6	1	0	2	0	1	1	1	0	25
	1730	,,	1005·3	993·5	...	86·9	75·4	68·7	24·8	59	...	5·8	...	1·5	0	0	16	10	1	1	0	2	0	2	0	15
Rayalaseema																										
Arogyavaram ...	0830	2299	899·8	932·6	...	74·5	69·0	65·8	22·0	75	...	6·2	...	3·0	0	0	24	5	1	0	2	1	3	7	5	7
	1730	,,	897·1	929·4	...	79·1	69·2	63·3	20·3	61	...	6·2	...	3·0	0	1	25	7	4	2	1	0	2	1	9	5
Cuddapah ...	0830	428	1009·6	994·9	-1·5	82·4	74·1	70·0	25·1	68	- 5	5·5	+1·3	0·1	0	0	2	0	0	0	0	0	0	2	0	29
	1730	,,	1005·3	990·8	...	85·8	74·7	68·8	24·3	59	...	5·9	...	0·4	0	0	5	0	0	3	0	0	0	2	0	26
Bellary ...	0830	1473	1009·2	959·4	-1·7	76·9	70·5	66·5	22·5	72	+ 3	5·4	+1·3	2·4	0	0	21	2	0	0	3	0	2	1	13	10
	1730	,,	1004·5	955·4	...	84·9	71·4	62·5	20·1	51	...	5·6	...	1·5	0	0	17	1	3	1	2	1	0	1	8	14
Kurnool ...	0830	923	1009·8	978·1	-1·4	77·2	72·3	68·1	24·8	78	+ 6	4·8	+1·1	2·9	0	0	13	0	1	1	0	0	5	5	1	18
	1730	,,	1005·1	974·2	...	87·0	73·1	64·6	21·5	51	...	5·5	...	3·4	0	0	15	0	2	1	0	0	1	2	1	16
Anantapur ...	0530	1147	1007·8	968·4	...	73·0	70·2	68·4	23·9	85	...	4·8	...	1·6	0	0	11	0	1	1	0	0	3	6	0	20
	0830	,,	1009·5	970·3	...	77·1	71·1	67·7	23·3	73	...	5·0	...	3·2	0	0	19	1	2	0	0	0	2	11	3	12
	1130	,,	1008·4	969·8	...	84·3	72·2	65·2	21·6	55	...	5·0	...	5·0	0	0	29	0	7	1	3	0	0	10	8	2
	1730	,,	1004·7	966·3	...	85·9	72·0	63·0	20·5	49	...	5·8	...	4·6	0	1	22	1	7	4	0	1	1	3	6	8
	2330	,,	1008·3	969·2	...	77·3	71·6	68·2	23·9	75	...	4·5	...	2·6	0	0	14	0	3	4	1	1	3	2	0	17
Tamilnad																										
Palayamcottai ...	0830	167	1009·8	1004·1	...	83·5	74·5	69·6	25·1	64	...	3·8	...	3·9	0	0	30	5	0	0	0	2	1	19	3	1
	1730	,,	1006·5	1006·8	...	86·3	75·2	69·7	24·8	59	...	5·5	...	6·4	0	0	31	2	0	4	2	4	5	13	1	0
Pamban ...	0830	37	1009·7	1008·4	-1·0	82·5	77·5	75·1	30·0	79	- 1	4·4	+0·8	5·6	0	2	29	2	1	2	3	8	6	5	4	0
	1730	,,	1006·9	1005·6	...	82·6	77·5	75·5	30·0	79	...	5·0	...	7·6	0	6	25	2	2	1	10	12	4	0	0	0
Mathurai ...	0830	437	1009·6	994·7	-1·3	83·1	73·6	69·1	24·4	66	- 8	3·9	-0·2	2·1	0	0	26	6	0	0	0	0	1	4	15	5
	1730	,,	1006·0	991·2	...	87·0	74·8	68·4	23·9	56	...	6·3	...	2·3	0	0	23	3	3	2	3	1	3	4	4	8

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		mean wind speed (m.p.h.)	Wind speed, (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1009·9	1008·8	-0·9	80·9	75·6	73·3	27·9	78	- 1	5·2	+0·2	3·4	0	0	23	0	1	0	0	0	7	9	6	8
	1730	,,	1003·4	1005·3	...	84·4	77·2	74·1	28·7	71	...	6·2	...	6·0	0	0	24	2	6	5	4	2	4	1	0	7
Tiruchirapalli ...	0530	289	1008·2	998·1	...	76·7	73·7	71·8	26·3	85	..	6·0	...	4·6	0	2	17	1	0	1	0	0	0	9	8	12
	0830	,,	1009·7	999·8	-1·3	80·7	74·9	72·0	26·9	75	- 4	5·0	+0·5	8·8	0	6	23	2	2	0	0	0	1	12	12	2
	1130	,,	1008·7	998·8	...	87·6	77·7	73·2	28·0	64	...	5·1	...	9·7	0	8	22	5	1	1	0	0	2	6	15	1
	1730	,,	1005·5	995·7	...	88·6	77·7	72·6	27·5	61	...	6·0	...	6·8	0	1	27	0	8	3	1	3	2	2	9	3
	2330	,,	1009·3	999·2	...	79·6	75·7	73·0	28·6	80	...	5·1	...	4·6	0	0	19	0	1	5	0	2	3	8	0	12
Coimbatore ...	0330	1341	1010·6	965·0	-0·6	76·6	71·5	68·2	24·0	77	- 4	5·5	+1·2	9·4	0	3	28	0	4	4	0	7	11	5	0	0
	1730	,,	1006·6	961·5	...	81·4	72·7	68·2	23·5	66	...	6·5	...	10·1	0	5	26	0	4	4	0	6	12	5	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1008·5	963·7	...	72·0	70·2	69·3	24·4	91	...	4·6	...	8·1	0	7	17	0	1	0	0	7	14	2	0	7
	0830	,,	1010·0	965·5	...	76·3	71·5	68·8	24·2	78	...	4·5	...	8·8	0	8	19	1	3	1	0	6	14	2	0	4
	1130	,,	1008·3	964·5	...	83·3	72·4	66·5	23·2	58	...	4·3	...	10·3	0	10	18	0	3	2	1	9	13	0	0	3
	1730	,,	1005·1	962·1	...	80·7	72·0	67·1	22·8	65	...	5·3	...	13·9	0	14	16	0	2	1	1	6	19	1	0	1
	2330	,,	1009·2	964·6	...	73·3	71·2	69·9	24·9	88	...	3·4	...	11·0	0	12	15	0	0	0	0	5	21	1	0	4
Salem ...	0530	913	1007·8	976·4	...	74·0	71·0	69·5	24·6	86	...	4·6	...	1·5	0	0	19	0	1	0	3	0	4	11	0	12
	0830	,,	1010·0	978·8	-1·2	77·4	72·3	69·6	24·8	78	0	5·0	+0·4	2·3	0	0	22	0	3	1	0	0	8	10	0	9
	1130	,,	1008·7	977·9	...	83·9	74 0	69·2	24·3	63	...	4·8	...	2·8	0	0	25	2	0	0	1	0	4	17	1	6
	1730	,,	1005·3	974·6	...	85·2	73·6	67·2	23·1	57	...	5·5	...	1·7	0	0	15	2	1	3	0	1	2	6	0	16
	2330	,,	1008·9	977·7	...	78·1	72·3	69·0	24·5	75	...	4·5	...	2·8	0	0	23	0	3	4	1	0	4	11	0	8
Kallakurichi ...	0830	416	1009·3	994·9	...	79·7	73·4	70·2	25·3	73	...	5·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1005·3	991·3	...	86·0	74·1	67·5	23·3	56	...	5·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1007·6	1006·3	...	76·4	74·0	72·3	27·9	88	...	3·8	...	2·0	0	0	14	0	0	0	1	4	4	4	1	17
	0830	,,	1009·5	1008·2	-1·2	80·9	75·3	72·9	27·4	77	- 4	5·1	+0·5	1·5	0	0	18	1	0	0	0	0	14	0	3	13
	1130	,,	1008·6	1007·3	...	87·6	75·5	71·0	26·4	61	...	5·1	...	3·8	0	1	24	1	4	0	2	1	6	5	6	6
	1730	,,	1006·1	1004·8	...	84·1	76·4	73·0	27·6	69	...	6·1	...	2·0	0	0	19	0	5	2	8	4	0	0	0	12
	2330	,,	1008·8	1007·5	...	80·4	76·1	73·8	28·8	83	...	3·8	...	2·8	0	0	17	0	1	1	1	3	8	2	1	14
Vellore ...	0530	703	1007·7	983·4	...	74·0	71·4	70·0	25·1	87	...	5·3	...	1·0	0	0	11	1	0	0	0	0	2	4	4	20
	0830	,,	1009·4	985·3	-1·1	79·1	73·2	70·4	25·2	75	- 5	5·3	+1·5	1·3	0	0	13	1	0	0	0	0	2	4	6	18
	1130	,,	1008·1	984·3	...	85·6	74·6	69·0	24·3	58	...	5·5	...	4·5	0	0	30	4	4	0	0	0	4	5	13	1
	1730	,,	1005·5	981·8	...	84·9	74·0	68·0	23·7	59	...	5·8	...	4·4	0	0	28	0	11	4	1	1	4	3	4	3
	2330	,,	1008·8	984·7	...	77·2	72·7	70·4	25·4	80	..	4·8	...	2·7	0	0	18	2	2	0	2	2	8	1	1	13
Madras * ...	0530	51	1007·3	1005·6	...	76·9	74·7	73·8	28·3	90	...	4·9	...	4·1	0	0	26	0	0	0	0	2	8	11	5	5
	0830	,,	1009·3	1007·6	-1·4	80·7	76·0	74·2	28·5	80	0	5·5	+0·9	5·5	0	0	30	3	0	0	0	0	6	18	3	1
	1130	,,	1008·3	1006·7	...	86·3	77·1	73·0	27·6	66	...	5·6	...	6·5	0	1	29	7	1	1	1	1	4	11	4	1
	1730	,,	1006·0	1004·3	...	83·8	76·9	73·5	28·5	72	...	5·8	...	5·7	0	0	30	5	7	9	4	3	1	1	0	1
	2330	,,	1008·6	1006·9	...	78·8	75·9	74·8	29·2	87	...	3·5	...	4·3	0	1	21	0	1	1	1	3	4	8	4	9
Madras (Nungambakkam) ...	0830	21	1008·8	1008·1	...	81·3	76·1	73·6	28·4	78	...	5·3	...	3·6	0	0	30	1	0	0	0	3	13	6	7	1
Malabar and South Kanara																										
Mangalore ...	0530	72	1008·6	1006·1	...	75·7	74·3	73·7	28·3	94	...	6·0	...	4·5	0	1	27	2	5	15	0	1	1	4	0	3
	0830	,,	1010·5	1008·0	-0·8	77·6	75·2	74·0	28·7	88	+ 4	6·2	+1·4	4·6	0	1	30	5	3	13	3	2	1	3	1	0
	1130	,,	1010·2	1007·7	...	81·8	76·2	73·8	28·8	77	...	4·9	...	4·6	0	0	29	1	0	0	1	1	9	7	10	2
	1730	,,	1007·7	1005·2	...	80·7	76·3	74·2	28·4	81	...	5·9	...	5·6	0	0	29	1	0	0	0	1	7	11	9	2
	2330	,,	1009·9	1007·5	...	77·3	75·4	74·6	29·2	91	...	5·3	...	3·8	0	1	23	5	5	7	0	0	1	5	1	7
Kozhikode ...	0530	27	1008·3	1007·4	...	76·0	74·1	73·2	27·9	91	...	4·8	...	3·9	0	3	16	1	5	7	1	1	2	1	1	12
	0830	,,	1010·7	1009·8	-0·6	79·5	75·7	74·0	28·9	83	- 3	5·3	+0·1	4·6	0	2	28	0	7	9	2	1	3	5	3	1
	1130	,,	1010·2	1009·2	...	83·7	77·1	74·1	30·4	72	...	5·2	...	6·8	0	3	28	0	0	1	0	4	10	8	8	0
	1730	,,	1007·7	1006·8	...	83·3	77·1	75·3	29·4	78	...	6·2	...	7·5	0	4	27	1	0	0	1	3	6	6	14	0
	2330	,,	1010·2	1009·3	...	78·3	75·8	74·6	29·3	89	...	5·2	...	6·3	0	5	21	1	4	4	1	3	2	4	7	5
Palghat ...	0830	319	1011·0	999·9	...	77·8	75·1	73·8	28·5	88	...	5·6	...	4·9	0	0	29	0	0	4	0	0	1	23	1	2
	1730	,,	1007·3	993·6	...	80·8	76·2	73·7	28·8	80	...	6·2	...	7·2	0	1	30	0	0	0	0	0	3	22	6	0
Mysore																										
Chitaldrug ...	0830	2405	900·1	929·3	-1·1	72·4	67·9	65·0	21·5	80	+ 5	5·1	+0·5	2·9	0	0	28	0	0	7	0	0	3	17	1	3
	1730	,,	897·3	925·9	...	80·0	70·7	65·2	21·9	65	...	5·3	...	2·5	0	0	23	0	3	3	1	0	4	9	3	8
Shimoga ...	0830	1872	898·8	946·9	...	72·4	69·4	67·4	23·3	84	...	5·7	...	1·3	0	0	17	0	2	1	2	1	4	4	3	14
	1730	,,	895·3	943·8	...	79·4	72·1	68·6	23·9	71	...	5·0	...	3·7	0	0	29	3	0	2	4	3	9	5	3	2
Hassan ...	0830	3149	900·9	905·3	...	68·5	65·1	64·5	20·8	87	+ 7	5·5	+0·6	3·7	0	1	27	0	2	5	1	0	6	9	5	3
	1730	,,	898·3	903·6	...	74·5	67·9	63·3	20·6	72	...	6·0	...	5·7	0	1	28	4	3	2	1	0	6	11	2	2
Bangalore (Central Observatory) ...	0830	3031	901·0	909·5	-1·1	70·5	67·0	65·1	21·2	83	+0·2	5·9	+0·6	5·7	0	0	28	1	0	3	4	1	4	11	4	3
	1130	,,	900·6	909·0	...	76·7	68·5	63·8	20·5	66	...	5·8	...	6·9	0	2	29	3	5	3	3	0	3	7	7	0
	1730	,,	898·1	906·5	...	75·0	68·0	64·1	20·5	70	...	6·4	...	5·1	0	2	24	1	2	3	3	0	2	7	8	5
Bangalore (Aerodrome) ...	0530	2942	899·1	910·3	...	67·6	66·1	65·0	21·2	92	...	4·5	...	...	...	...	...	0	0	0	0	0	2	10	3	16
	0830	,,	901·0	912·1	...	71·5	67·2	65·0	21·0	80	...	5·8	...	...	...	...	...	0	0	1	2	0	3	11	5	9
	1130	,,	900·5	911·5	...	77·5	68·7	63·4	20·4	64	...	5·9	...	...	...	...	...	3	0	1	4	0	1	9	7	6
	1730	,,	898·2	909·3	...	76·6	68·6	63·8	20·6	67	...	6·3	...	...	...	...	...	4	1	2	1	0	2	1	7	13
	2330	,,	900·4	911·5	...	70·3	67·2	65·1	21·5	85	...	4·7	...	...	...	...	...	0	0	0	1	1	2	6	4	17

(*) Observations for 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	900·7	926·0	−1·0	70·8	68·0	66·4	22·4	86	+ 5	5·9	+0·5	4·5	0	0	24	3	0	1	0	2	1	16	1	7
	1730	,,	898·3	923·2	...	78·3	69·8	64·7	21·4	66	...	5·9	...	6·6	0	2	26	0	3	6	2	0	3	13	1	3
Balehonnur ...	0830	2917	...	...	...	67·3	66·3	65·4	21·6	94	+ 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1011·3	1011·0	−0·5	79·4	75·8	74·1	28·8	84	+ 2	7·2	+2·4	5·2	0	1	29	2	6	8	2	0	3	7	2	1
	1730	,,	1008·2	1007·9	...	80·8	76·3	74·4	28·9	81	...	7·2	...	9·0	0	5	26	1	0	0	0	0	7	15	8	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1009·3	1009·1	...	75·6	74·2	73·5	28·2	93	...	6·0	...	2·3	0	0	16	1	2	5	0	1	2	4	1	15
	0830	,,	1011·2	1011·0	...	78·7	75·5	74·2	28·7	86	...	6·4	...	3·6	0	1	21	3	5	3	3	2	2	4	0	9
	1130	,,	1010·7	1010·5	...	82·0	76·6	74·2	28·8	78	...	5·9	...	6·0	0	0	27	2	1	0	1	1	7	10	5	4
	1730	,,	1008·2	1008·0	...	80·8	76·0	73·9	27·5	80	...	5·9	...	6·6	0	0	31	0	0	0	0	1	7	14	9	0
	2330	,,	1010·7	1010·5	...	77·6	75·5	74·4	29·2	90	...	5·2	...	3·3	0	0	17	2	0	4	2	0	3	3	3	14
Alleppey ...	0830	12	1011·3	1010·9	...	80·2	76·9	75·4	30·1	85	...	6·7	...	9·0	0	7	23	1	6	4	1	0	1	8	9	1
	1730	,,	1008·3	1007·9	...	80·9	76·9	75·1	29·7	83	...	6·5	...	14·6	1	15	15	1	0	0	0	0	3	17	10	0
Trivandrum ...	0530	211	1009·4	1002·1	...	74·9	73·8	73·1	28·0	95	...	5·7	...	3·4	0	0	29	5	0	0	0	0	0	2	22	2
	0830	,,	1011·3	1004·0	−0·3	77·7	75·0	73·7	28·4	88	+ 3	6·8	+1·3	3·5	0	0	30	7	2	0	0	0	4	0	17	1
	1130	,,	1010·5	1003·2	...	82·6	76·1	73·1	27·8	74	...	6·4	...	7·3	0	1	30	4	0	0	0	0	6	2	19	0
	1730	,,	1008·5	1001·2	...	79·7	75·6	73·6	28·4	82	...	6·5	...	5·9	0	1	30	2	0	0	0	0	4	7	18	0
	2330	,,	1010·9	1003·6	...	76·3	74·6	73·8	28·5	93	...	5·1	...	2·8	0	0	28	5	0	1	0	0	0	2	20	3
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	1001·2	996·2	...	82·9	79·3	77·7	33·9	85	...	6·8	...	4·0	0	0	28	2	0	10	7	7	1	0	1	3
	1730	,,	998·3	993·7	...	83·5	80·8	78·2	35·0	78	...	6·2	...	2·3	0	0	24	2	2	6	5	5	4	0	0	7
Shillong ...	0830	4921	901·0	850·8	−1·4	68·2	63·4	60·4	17·7	77	+ 5	4·2	+0·8	0·1	0	0	1	0	0	1	0	0	0	0	0	30
	1730	,,	898·5	848·3	...	66·1	64·3	63·3	19·6	91	0	6·5	...	0·1	0	0	2	0	0	0	1	0	1	0	0	29
Cherrapunji ...	0830	4309	900·5	868·9	−1·9	69·7	65·0	61·7	19·4	78	+ 5	5·7	+1·9	2·7	0	0	30	0	14	5	3	1	7	0	0	1
	1730	,,	898·1	866·4	...	69·1	65·9	64·3	20·7	88	+ 2	6·3	...	3·0	0	1	29	2	7	2	3	4	6	4	2	1
Darjiling ...	0930	7432	801·7	775·7	−1·1	59·4	57·2	55·5	15·3	88	+ 7	4·6	+0·3	5·2	0	0	30	0	1	21	5	0	0	3	0	1
	1730	,,	799·6	775·2	...	56·4	54·8	53·6	14·2	90	...	4·3	...	5·0	0	0	31	0	1	8	3	0	1	18	0	0
Darjiling (Raj Bhawan) ...	0830	6980	805·2	793·2	...	61·4	57·9	55·4	15·1	83	...	4·7	...	1·0	0	0	15	5	1	0	1	0	1	2	5	16
	1730	,,	802·8	791·2	...	60·7	58·4	57·0	15·7	88	...	5·4	...	1·2	0	0	18	0	0	0	1	0	11	6	0	13
Kalimpong ...	0830	3965	898·8	877·5	−4·3	66·0	64·1	63·0	19·5	90	+11	2·7	−0·3	1·7	0	0	17	0	0	0	1	0	0	0	16	14
	1730	,,	895·9	874·9	...	69·8	66·8	64·9	21·2	85	0	3·9	...	1·5	0	0	14	0	0	0	14	0	0	0	0	17
Katmandu ...	0830	4388	902·3	868·3	...	66·0	62·6	60·6	17·9	83	− 1	3·3	−1·3	0·5	0	0	8	1	1	4	1	0	0	1	0	23
	1730	,,	899·0	865·5	...	69·9	64·4	61·0	18·4	73	− 9	2·7	...	0·3	0	0	5	2	1	0	0	1	0	0	1	26
Mukteswar (Kumaon) ...	0830	7592	803·0	776·1	+1·4	57·8	48·8	40·3	7·8	53	− 4	0·7	−0·7	3·5	0	0	24	0	6	6	1	0	1	7	3	7
	1730	,,	801·4	772·6	...	59·7	51·5	44·4	9·5	58	...	1·1	...	6·2	0	0	28	0	0	0	2	1	7	14	4	3
Lokpal ...	0830	...	...	...	...	31·5	28·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	801·6	797·9	...	59·2	50·9	41·2	9·8	49	−15	0·9	−0·7	0·5	0	0	7	1	1	0	2	3	0	0	0	24
	1730	,,	800·4	796·8	...	60·2	53·1	47·1	11·2	64	...	1·6	...	1·4	0	0	21	0	1	0	9	10	1	0	0	10
Simla ...	0830	7224	801·7	783·1	−0·8	60·6	47·3	32·6	5·4	36	− 8	0·5	−1·4	1·0	0	0	14	2	1	1	4	4	1	0	1	17
	1730	,,	800·7	782·5	...	60·4	49·3	38·8	6·9	45	...	1·8	...	1·7	0	0	27	2	2	2	2	8	7	1	3	4
Dalhousie ...	0830	,,	...	...	...	62·7	55·4	46·8	12·3	65	...	0·4	...	1·0	0	0	4	0	4	0	0	0	7	0	0	27
	1730	...	...	...	...	62·5	58·0	55·2	14·8	46	...	0·7	...	0·5	0	0	3	0	3	0	0	0	0	0	0	28
Dharamshala ...	0830	3975	906·2	884·5	...	70·3	56·4	46·4	10·0	42	...	0·5	...	0·1	0	0	3	0	0	3	0	0	0	0	0	28
	1730	,,	904·0	882·8	...	74·2	57·5	46·5	9·4	37	...	0·9	...	0·6	0	0	20	0	0	0	0	0	0	16	4	11
Pachmarhi ...	0830	3528	902·0	894·4	−1·2	70·6	61·4	54·6	14·9	58	− 2	1·9	−0·3	2·2	0	0	23	2	10	9	0	0	0	1	1	8
	1730	,,	899·6	892·2	...	77·9	64·5	55·0	15·3	47	...	2·9	...	1·8	0	0	18	2	9	4	0	0	0	1	2	13
Abu ...	0830	3921	901·6	881·8	−1·4	72·5	57·9	45·5	10·5	39	− 9	1·2	+0·1	0·3	0	0	4	0	1	1	0	1	1	0	0	27
	1730	,,	900·0	880·4	...	77·4	59·2	43·5	9·8	30	...	1·4	...	0·3	0	0	4	1	1	0	0	2	1	0	0	27
Mahabaleshwar ...	0830	4534	901·5	862·8	−0·9	67·1	61·6	57·1	16·5	74	− 3	4·2	+0·4	5·9	0	0	30	5	12	9	1	0	0	0	3	1
	1730	,,	899·2	860·7	...	68·3	65·3	63·3	20·1	85	...	4·6	...	4·9	0	0	31	7	2	3	0	0	5	4	10	0
Nandi Hills * ...	0830	4851	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	901·9	886·4	+0·4	65·6	63·5	62·0	19·1	90	+ 3	5·5	+0·1	3·0	0	0	20	0	3	3	0	0	1	7	6	11
	1730	,,	899·1	883·7	...	69·5	66·3	64·2	20·8	85	...	5·2	...	2·0	0	0	30	0	1	3	1	0	3	12	10	1
Kodaikanal ...	0830	7688	802·5	771·2	−0·1	56·2	53·5	51·3	13·0	85	+ 5	5·8	+1·0	6·3	0	2	29	1	3	1	1	1	2	4	18	0
	1130	,,	802·1	771·0	...	60·9	56·2	52·7	13·7	76	...	7·1	...	6·6	0	3	28	4	4	1	0	2	1	0	3	17	0
	1730	,,	800·7	769·5	...	57·2	55·3	54·0	14·3	90	...	7·3	...	4·5	0	1	28	6	4	0	2	0	1	3	13	2
Ootacamund ...	0830	7378	801·9	779·1	−0·7	56·4	54·1	52·6	13·6	86	+ 7	4·0	−0·8	3·0	0	1	23	3	3	5	0	1	3	8	1	7
	1730	,,	799·9	777·2	...	58·1	56·1	54·8	14·7	87	...	5·9	...	1·9	0	0	20	2	5	3	0	0	0	10	0	11
Coonoor ...	0830	,,	...	...	...	63·7	59·7	56·2	16·0	78	+ 3	4·0	−1·6	3·8	0	0	28	1	0	2	6	6	3	7	3	3
Sikkim																										
Lachen ...	0830	...	...	...	...	54·1	52·4	51·3	13·0	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	54·0	52·6	51·5	13·0	92	+ 9	0·4	-2·4	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	629·8	655·4	...	55·7	54·9	54·0	14·5	97	...	1·4	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Gyantse ...	0830	13,110	626·4	627·1	...	49·6	38·3	21·1	4·3	35	-15	0·5	-0·8	1·2	0	0	16	0	0	12	4	0	0	0	0	15
Ceylon																										
Colombo ...	0830	24	1011·5	1010·7	-0·3	79·8	75·8	73·7	28·6	82	- 5	7·3	+1·6	7·7	0	3	26	1	0	0	1	1	15	10	1	2
	1730	,,	1008·9	1008·1	...	80·5	76·0	73·9	28·6	80	...	7·3	...	8·9	0	3	28	0	0	0	0	0	15	14	2	0
Trincomalee ...	0830	24	1009·8	1009·0	-0·4	81·3	74·3	70·7	25·8	71	-11	2·6	-1·3	9·4	0	11	20	0	0	1	0	0	26	2	2	0
	1730	,,	1007·0	1006·2	...	83·0	75·5	71·6	26·7	69	...	7·5	...	10·3	0	10	21	8	1	0	2	0	10	6	4	0
Batticoloa ...	0830	20	1009·7	1009·4	...	81·1	75·6	72·5	27·8	76	...	4·9	...	6·3	0	1	30	0	0	1	1	7	5	10	7	0
	1730	,,	1006·8	1006·4	...	83·9	77·6	74·5	29·5	74	...	6·4	...	8·7	0	5	25	1	6	7	11	1	1	1	2	1
Hambantota ...	0830	61	1010·6	1008·5	-0·6	80·1	75·7	73·4	28·3	81	- 3	5·1	+1·3	14·1	0	24	7	0	0	0	0	0	21	10	0	0
	1730	,,	1008·7	1005·6	...	80·6	75·9	73·0	28·4	79	...	6·0	...	17·8	0	27	4	0	0	0	0	0	22	8	1	0
Mannar ...	0830	12	1001·2	1009·8	...	81·2	78·2	73·8	31·6	87	...	6·0	...	7·5	0	3	28	0	1	1	3	12	13	1	0	0
	1730	,,	1007·3	1006·9	...	82·1	78·3	76·5	30·3	84	...	6·9	...	8·6	0	6	25	0	1	0	1	10	16	1	2	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1008·4	981·1	...	68·6	67·4	66·4	22·4	93	...	4·4	...	1·1	0	0	14	3	0	1	2	0	0	0	8	17
	0830	,,	1009·7	982·7	...	76·5	70·9	67·6	23·3	75	...	3·9	...	1·4	0	0	15	1	1	0	3	1	6	1	2	16
	1130	,,	1008·1	981·6	...	85·8	72·6	64·0	21·3	52	...	4·4	...	4·6	0	0	30	3	1	4	9	0	1	4	8	1
	1730	,,	1006·3	979·6	...	80·4	72·4	67·8	23·6	67	...	5·2	...	2·7	0	0	22	4	2	2	7	0	1	0	6	9
	2330	,,	1008·8	981·6	...	71·7	69·5	68·3	23·7	89	...	2·8	...	1·7	0	0	18	5	1	0	2	1	0	0	9	13
Hazaribagh ...	0530	2019	896·3	939·4	...	67·1	63·7	60·9	18·8	82	...	2·8	...	1·3	0	0	15	0	1	2	0	1	1	8	2	16
	0830	,,	898·6	941·0	...	76·5	68·0	62·5	19·9	65	...	2·8	...	3·3	0	0	29	5	1	7	1	2	2	5	6	2
	1130	,,	898·4	940·3	...	81·1	68·5	60·2	18·7	53	...	3·5	...	4·7	0	1	27	5	3	7	2	0	1	1	9	3
	1730	,,	896·1	938·5	...	75·6	68·8	64·9	21·2	70	...	4·2	...	1·7	0	0	32	3	1	4	2	1	0	1	10	9
	2330	,,	897·1	940·0	...	68·8	64·8	62·5	19·3	79	...	1·4	...	1·7	0	0	19	2	0	4	0	2	2	3	6	12
Dhanbad ...	0530	839	1008·0	978·9	...	72·1	68·7	66·1	22·4	83	...	3·9	...	2·9	0	1	21	5	3	4	0	0	2	3	5	9
	0830	,,	1009·0	980·4	...	80·1	72·0	66·9	23·2	67	...	3·1	...	4·5	0	0	28	4	5	4	2	1	3	5	4	3
	1130	,,	1008·0	979·6	...	85·3	73·5	65·9	22·9	57	...	3·6	...	5·7	0	1	30	4	7	6	3	1	1	1	8	0
	1730	,,	1006·0	977·4	...	81·1	73·2	68·5	24·3	68	...	3·8	...	3·7	0	0	27	3	4	4	2	4	1	2	7	4
	2330	,,	1008·2	979·3	...	74·9	70·0	66·5	22·8	77	...	2·0	...	2·9	0	0	24	4	3	2	2	2	2	3	6	7
Mahanadi Catchment																										
Baramul ...	0830	210	1009·2	1001·9	...	79·6	75·2	73·6	27·1	79	...	...	...	2·1	0	0	21	0	12	1	1	0	7	0	0	10
	1730	,,	1006·1	998·8	...	77·1	74·1	72·6	28·3	86	...	...	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Hirakud ...	0830	522	1009·6	995·1	...	79·7	73·5	69·9	25·2	72	...	...	...	0·3	0	0	3	0	1	2	0	0	0	0	0	28
	1730	,,	1006·5	989·4	...	84·1	74·7	69·5	25·1	64	...	...	...	0·1	0	0	1	0	0	0	1	0	0	0	0	30
Barkachhar ...	0830	...	...	...	...	77·2	73·4	69·7	25·0	78	...	4·0	...	2·5	0	0	24	1	5	4	0	0	7	3	4	7
	1730	...	...	...	...	81·0	73·0	69·3	24·1	69	...	5·5	...	1·0	0	0	13	2	4	2	0	0	2	1	2	18
Sonepur ...	0830	...	...	...	...	79·5	74·2	71·1	26·5	77	...	...	...	2·6	0	0	25	1	0	7	4	1	0	9	3	6
Ginabahar ...	0830	...	...	...	...	76·4	69·9	66·4	22·0	71	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0930	...	...	...	...	77·9	72·4	69·3	24·7	75	...	2·4	...	2·3	0	0	25	3	6	5	1	0	4	2	4	6
	1730	...	...	...	...	83·0	74·7	70·5	25·6	67	...	2·4	...	(h) 0·7	0	0	6	1	0	5	0	0	0	0	0	17
Ganga Catchment																										
Tapoban * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	47·6	42·2	36·6	7·5	66	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	78·9	66·4	58·2	17·3	50	...	2·3	...	1·6	0	0	15	1	6	1	0	0	5	0	2	16
	1730	...	...	...	...	91·4	70·0	54·9	15·3	30	...	2·8	...	2·7	0	0	24	3	12	3	0	0	3	2	1	7
Bagra Tawa ...	0830	...	...	...	...	76·3	67·6	63·2	19·1	68	...	2·7	...	2·7	0	0	20	0	3	0	0	2	15	0	0	11
	1730	...	...	...	...	84·3	72·4	65·3	21·8	53	...	3·0	...	1·1	0	0	16	0	4	0	4	0	8	0	0	15
Thikri ...	0830	...	...	...	...	81·5	72·1	66·2	22·7	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	79·7	69·7	62·7	21·3	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	72·9	64·3	58·8	16·7	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	80·3	69·4	62·2	19·6	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available

(h) Mean of 23 days

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

OCTOBER 1952

	ALLAHABAD (Sur. Pr. 997 mb.)						CALCUTTA (1007 mb.)						JODHPUR (984 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	98	299·8	303	297	291·7	31	5	299·1	302	295	296·9	31	218	301·5	307	296	283·6
1000	31	68	...	...	...	...	31	69	...	...	...	...	31	74	...	...	...	...
900	31	1001	297·7	301	295	283·9	31	1000	295·1	302	289	288·8	31	1010	298·7	305	294	279·6
850	31	1495	293·3	295	290	281·5	31	1491	292·4	299	285	285·8	31	1509	294·6	301	289	277·8
800	31	2016	288·4	291	285	280·4	31	2011	289·8	295	284	282·1	31	2030	289·6	297	284	276·9
700	30	3135	282·1	288	276	273·8	31	3139	284·6	288	281	274·4	31	3149	280·4	285	275	272·2
600	30	4408	276·2	282	272	265·6	31	4413	278·2	283	274	268·8	30	4401	272·8	279	266	258·8
500	30	5866	268·6	272	265	...	31	5874	269·7	272	266	...	30	5840	265·9	272	259	...
400	29	7594	258·7	262	255	...	31	7602	260·0	264	252	...	30	7549	256·7	261	252	...
300	29	9716	245·1	251	241	...	30	9733	246·6	252	238	...	28	9657	243·7	251	239	...
250	29	11001	236·3	244	231	...	29	11025	237·8	244	228	...	27	10935	235·0	241	230	...
200	26	12511	224·9	233	218	...	29	12540	226·5	233	216	...	27	12439	224·6	231	216	...
175	17	13354	217·3	221	212	...	17	13429	219·7	228	210	...	13	13291	218·4	225	211	...
150	12	14314	210·2	216	205	...	8	14457	212·6	219	206	...	...	...	...	...	...	...
125	8	15395	203·1	210	199	...	...	...	...	...	...	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	MADRAS (1005 mb.)						NAGPUR (971 mb.)						NEW DELHI (980 mb.)					
urface	31	15	300·4	303	297	296·3	28	307	298·7	301	295	289·9	31	210	296·3	301	291	286·5
1000	31	72	...	...	...	...	28	72	...	...	...	...	31	071	...	...	...	...
900	31	1000	295·0	300	292	288·7	28	1002	296·0	301	295	286·4	31	1001	299·0	304	294	277·6
850	31	1495	292·4	295	289	286·5	28	1499	294·0	298	291	284·3	31	1502	294·5	299	290	276·9
800	31	2017	289·0	292	287	283·5	28	2022	289·6	293	287	281·6	31	2023	289·6	294	285	274·0
700	31	3143	283·5	287	280	277·7	27	3148	283·2	289	279	275·3	31	3144	280·7	286	276	268·6
600	31	4416	277·2	283	274	270·5	27	4424	277·6	283	274	266·1	31	4395	272·5	277	266	260·4
500	29	5380	269·2	275	263	...	25	5880	270·2	273	267	...	31	5834	265·5	270	257	...
400	25	7613	259·5	263	254	...	23	7610	259·1	263	252	...	31	7550	256·6	267	249	...
300	23	9742	245·8	251	242	...	18	9733	245·1	249	231	...	27	9653	244·7	250	238	...
250	16	11033	236·9	246	232	...	12	11035	238·4	250	235	...	26	10939	236·1	240	229	...
200	11	12528	224·9	231	218	...	10	12539	226·7	230	222	...	23	12446	226·4	229	223	...
175	8	13387	218·2	224	212	...	8	13415	220·3	224	216	...	19	13336	221·3	225	218	...
150	7	14401	212·1	217	204	...	8	14392	214·3	219	209	...	15	14336	216·3	224	208	...
125	...	...	...	...	...	...	...	...	...	...	...	...	12	15461	210·9	215	205	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

OCTOBER 1952

POONA (Sur. Pr. 947 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	557	297·9	301	295	293·2
1000	30	81	...	...	...	...
900	30	1005	296·7	299	294	289·4
850	30	1501	294·5	297	291	285·9
800	30	2026	290·9	294	287	282·9
700	30	3152	283·4	286	279	276·6
600	28	4424	277·1	285	271	268·8
500	28	5886	269·8	274	267	...
400	27	7618	258·7	263	245	...
300	25	9746	246·1	253	239	...
250	24	11045	237·5	245	232	...
200	20	12565	227·3	234	220	...
175	15	13432	221·5	228	213	...
150	15	14438	214·6	225	203	...
125	8	15574	211·3	219	201	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

PORT BLAIR (1000 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	81	299·0	300	297	297·0
1000	31	78	...	...	...	...
900	31	1001	294·0	296	290	291·0
850	31	1495	292·0	294	289	287·9
800	31	2015	289·0	291	285	285·0
700	31	3142	284·0	288	274	279·0
600	29	4415	277·0	281	273	272·0
500	29	5873	269·0	274	266	...
400	26	7605	259·0	263	257	...
300	18	9723	246·0	251	241	...
250	15	11003	237·0	241	233	...
200	11	12520	227·0	233	220	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

TRIVANDRUM (1003 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	31	64	298·8	300	297	296·2
1000	31	91	...	...	...	...
900	31	1013	293·0	296	291	290·1
850	31	1505	290·5	294	289	287·6
800	31	2025	288·1	290	286	284·7
700	31	3149	283·4	286	280	278·3
600	31	4420	276·4	279	273	271·7
500	29	5880	268·9	272	265	...
400	29	7608	258·9	264	256	...
300	29	9732	244·6	250	240	...
250	21	11014	234·9	240	230	...
200	18	12527	225·8	232	220	...
175	12	13412	219·3	226	213	...
150	11	14370	211·9	219	206	...
125	5	15541	207·2	212	204	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

VERAVAL (1008 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	30	8	299·9	302	297	296·8
1000	30	79	...	...	...	...
900	30	1011	297·6	302	293	284·0
850	30	1509	294·3	298	290	281·8
800	30	2033	290·1	293	287	280·8
700	30	3159	283·0	289	277	272·9
600	30	4430	277·5	282	270	267·6
500	30	5899	270·6	274	265	...
400	29	7639	260·5	267	256	...
300	28	9775	246·7	252	241	...
250	25	11062	237·2	242	232	...
200	21	12587	227·8	235	223	...
175	18	13467	222·4	228	217	...
150	15	14458	216·0	225	208	...
125	7	15653	211·1	217	201	...
100	5	16989	205·6	211	195	...
80	...	...	...	...	...	...

VISAKHAPATNAM (1000 mb.)

	No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point
Surface	29	48	300·2	303	297	295·3
1000	25	53	...	...	...	...
900	25	993	295·7	298	295	288·8
850	25	1488	293·0	296	288	286·5
800	25	2010	289·6	293	285	283·3
700	25	3139	284·8	289	280	276·2
600	21	4430	278·2	283	275	268·6
500	17	5880	268·7	273	265	...
400	12	7627	259·3	261	256	...
300	6	9752	243·8	252	239	...
250	...	...	...	...	...	...
200	...	...	...	...	...	...
175	...	...	...	...	...	...
150	...	...	...	...	...	...
125	...	...	...	...	...	...
100	...	...	...	...	...	...
80	...	...	...	...	...	...

Note :—Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.

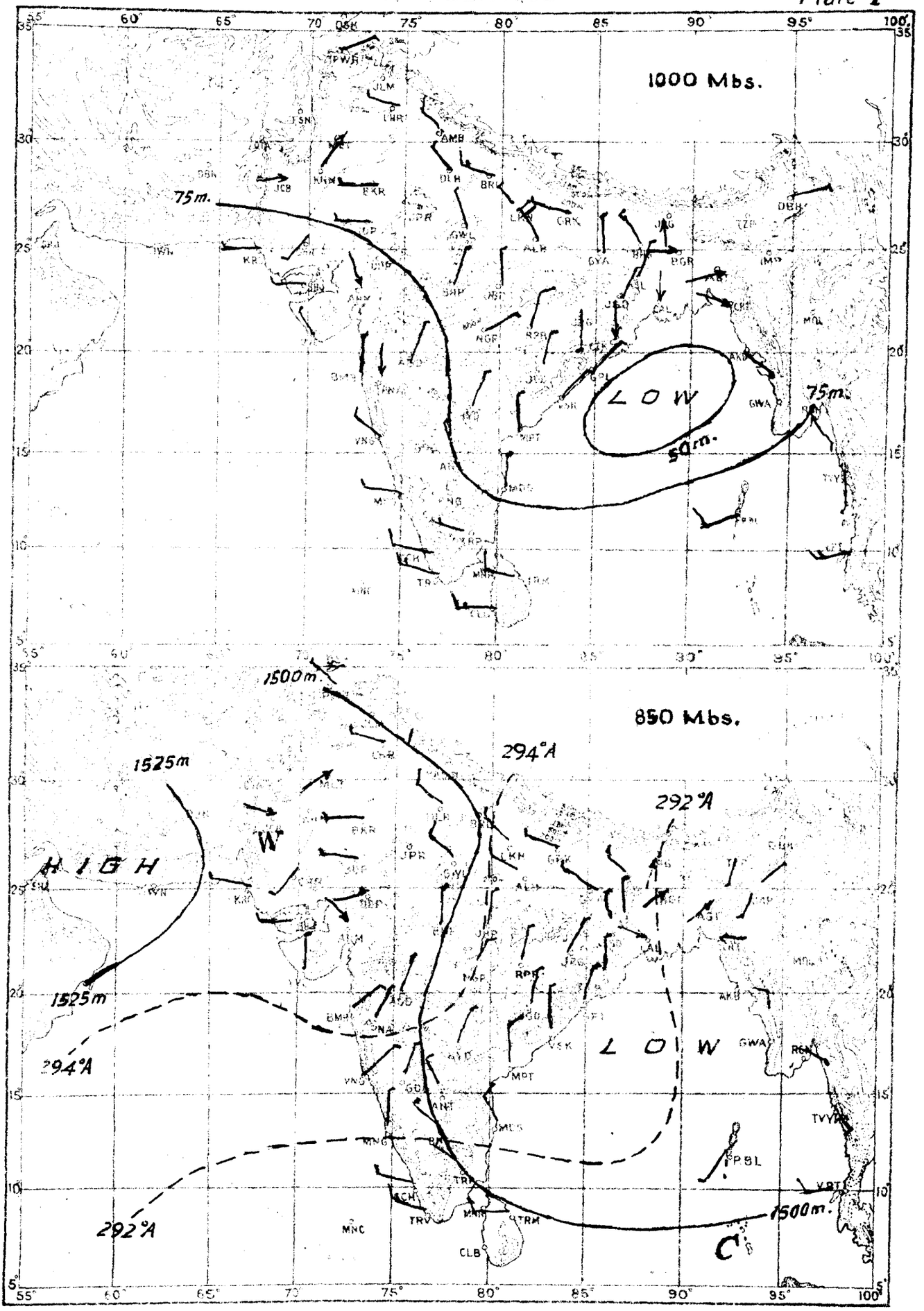
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S1—110 DDG Ob. Poona-21-5-55—250.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

OCTOBER 1952

Plate I



RESULTANT WIND ——\= 5 Knots; ——\= 10 Knots; ——\= 50 Knots.

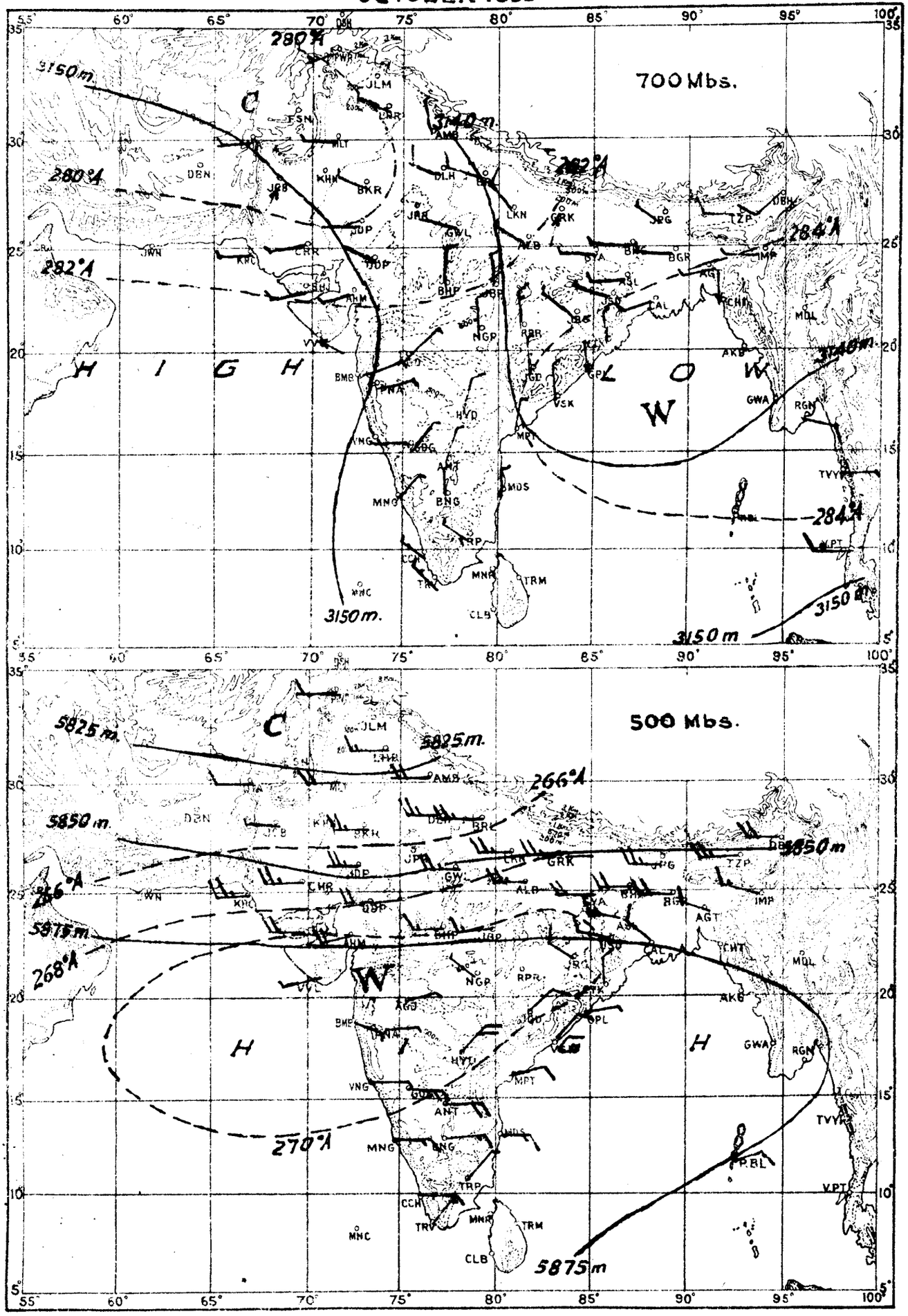
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

OCTOBER 1952

Plate II



RESULTANT WIND ——\= 5 Knots; ——\= 10 Knots, ——◥ = 50 Knots.

– – – – – Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

NOVEMBER

Published by authority of the Government of India

Chief features:—(1) Formation of two cyclonic storms in the Bay of Bengal and (2) failure of the northeast monsoon in the south Peninsula.

The seasonal trough of low in the southeast Bay of Bengal became well-marked on the 6th and concentrated into a shallow depression centred near Lat. 14½° N., Long. 87½° E. by the 8th morning. Moving in a northerly direction and intesifying at the same time, it developed into a deep depression by the same evening, and by the following morning intensified further into a cyclonic storm centred near Lat. 18° N., Long. 88° E. The storm, thereafter, moved northeastwards and, weakening rapidly, crossed the Chittagong coast as a shallow depression by the 12th morning. Finally it moved away in a northeasterly direction as a 'low' across Assam by the 13th. Under its influence, fairly widespread or local rain occurred in Assam between the 10th and 13th, with a few showers in Gangetic West Bengal between the 9th and 11th.

Another depression formed in the southeast Bay of Bengal centred near Lat. 8° N. Long. 89° E. on the 27th evening. Intensifiing rapidly, the depression became a severe cyclonic storm by the next morning with its centre about 600 miles of southeast of Madras. Thereafter, moving in a westnorthwesterly direction the severe cyclonic storm crossed the Coromandel coast near Nagapattinam by the evening of the 30th.

Except for fairly widespread or local showers in Travancore–Cochin during the first and the third week and in Tamilnad on the 22nd, 23rd and 30th, practically no rainfall was recorded in the south Peninsula during the month.

A western disturbance moved across the extreme north of the country between the 11th and 12th, and induced a feeble secondary 'low' over west Rajasthan and neighbourhood on the 11th morning. These two disturbances caused a few light showers in the Punjab hills Kutch and north Gujarat on the 12th. Another feeble western disturbance moved eastwards across the extreme north ot the country by the 24th, but did not cause any precipitation.

Total rainfall for the month was in large excess in Assam; normal in the Bay Islands and in large defect in West Bengal, Chota Nagpur, Saurashtra and Kutch, Tamilnad, Malabar-South Kanara and Travancore-Cochin. Elsewhere there was no rain. Averaged over the plains of India the rainfall was 86% in defect.

The mean maximum temperature was above normal in west Uttar Pradesh, the Punjab (I), Vindhya Pradesh, Deccan (Desh), coastal Andhradesa and Tamilnad; below normal in the Konkan and normal elsewhere. The mean minimum temperature was above normal in Assam, below normal in Vindhya Pradesh, Madhya Pradesh, the Konkan, Deccan (Desh), Hyderabad, coastal Andhradesa and Rayalaseema and was normal over the rest of the country.

The mean relative humidity in the morning was in excess in the Bay Islands and Saurashtra and Kutch; normal in Assam, West Bengal, Orissa, Bihar, the Punjab (I), Rajasthan, the Konkan, coastal Andhradesa, Malabar South Kanara and Travancore-Cochin and in defect elsewhere.

The mean cloud amount in the morning was in excess in the Bay Island, Assam, normal in West Bengal, Orissa, Tamilnad and Travancore-Cochin and in defect in the remaining divisions.

Table I contains the divisional and sub–divisional means of rainfall, temperatures, humidity and cloud amounts for the 18 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preaparing these means are given in the subsequent tables.

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JUN 22 1956
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WEATHER BUREAU

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. IST. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. IST. of the date given in the succeeding column.

POONA—5,
10th February, 1954.

A. K. ROY,
for *Director General of Observatories.*

Errata to Monthly Weather Report for November 1952

Table III

Page	Station	Hour	Column	Existing figure	Correct figure
257	Bhopal (Bairagarh)	2330	11	8	38
258	Nagpur	1730	11		34
		2330	11		58
		1130	13		0.7
		1730	13		0.6
		2330	13		0.4
261	Calingapatam	1730	5	~~1008.9~~	~~1008.2~~
	Palayamcottai	0830	9	1.7	71.7
		1730	9	1.5	71.5
		~~0830~~	10	6.6	26.6
		1730	10	6.5	26.5
		0830	11	7	77
		1730	11	7	67
		~~0830~~	~~12~~	-	-2
	Pamban	0830	9	4.7	74.7
		1730	9	4.5	74.5
		0830	10	8.9	28.9
		1730	10	8.7	28.7
		0830	11	1	81
		1730	11	0	80
	Mathurai	0830	9	9.1	69.1
		0830	10	~~3.8~~	23.8
		~~0830~~	11	1	71
262	Bangalore (Aerodrome)	1130	9	5.2	55.2
		2330	9	55.	55.6
		0830	10	16.	16.7
		2330	10	14.	14.9
		0830	11	8	68
		1130	11		47
		1730	11	2	42
		0830	13		2.7
		1130	13		3.7
		1730	13		4.1

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	1·57 +0·53	151 ...	80·3 - 0·2	64·1 + 2·7	86 + 2	82 ...	3·7 + 0·8	3·2 ...
2 West Bengal ...	0·28 -0·45	38 ...	84·9 + 1·5	64·1 + 1·2	72 - 1	63 ...	2·0 + 0·2	2·0 ...
3 Orissa ...	0 -1·97	0 ...	85·5 + 1·2	64·3 - 0·6	79 - 3	56 ...	2·0 - 0·4	2·4 ...
4 Bihar ...	0·01 -0·44	2 ...	83·2 + 1·6	58·2 + 0·1	65 - 5	58 ...	0·8 - 0·7	1·0 ...
5 Uttar Pradesh ...	0 -0·22	0 ...	84·3 + 2·1	53·3 - 0·5	59 - 7	44 ...	0·2 - 0·6	0·1 ...
6 Punjab (I) (including PEPSU and Delhi) ...	0 -0·10	0 ...	85·7 + 2·9	48·9 - 1·7	54 - 4	32 ...	0·3 - 0·6	0·4 ...
7 Rajasthan ...	0 -0·16	0 ...	87·5 + 1·4	53·8 - 0·2	48 - 2	30 ...	0·2 - 0·6	0·3 ...
Sub-Division								
1 Bay Islands ...	11·31 +0·79	108 ...	84·5 + 0·6	74·3 + 0·8	84 + 8	89 ...	6·2 + 1·6	6·4 ...
2 Assam (including Manipur and Tripura) ...	1·57 +0·53	151 ...	80·3 - 0·2	64·1 + 2·7	86 + 2	82 ...	3·7 + 0·8	3·2 ...
3 West Bengal ...	0·28 -0·45	38 ...	84·9 + 1·5	64·1 + 1·2	72 - 1	63 ...	2·0 + 0·2	2·0 ...
4 Orissa ...	0 -1·97	0 ...	85·5 + 1·2	64·3 - 0·6	70 - 3	56 ...	2·0 - 0·4	2·4 ...
5 Chota Nagpur ...	0·02 -0·54	4 ...	82·5 + 1·4	57·2 - 0·3	60 - 7	51 ...	0·9 - 0·8	1·7 ...
6 Bihar ...	0 -0·37	0 ...	83·9 + 1·7	59·2 + 0·6	69 - 3	63 ...	0·6 - 0·5	0·6 ...
7 Uttar Pradesh, East ...	0 -0·25	0 ...	85·2 + 1·9	54·6 - 0·6	60 - 9	47 ...	0·1 - 0·7	0·1 ...
8 Uttar Pradesh, West ...	0 -0·19	0 ...	84·5 +2·4	52·1 - 0·3	57 - 6	41 ...	0·3 - 0·5	0·2 ...
9 Punjab (I) (including PEPSU and Delhi) ...	0 -0·10	0 ...	85·7 + 2·9	48·9 - 1·7	54 - 4	32 ...	0·3 - 0·6	0·4 ...
10 Jammu and Kashmir ...	Data incomplete							
11 Rajasthan, West ...	0 -0·04	0 ...	88·7 + 1·4	54·3 + 0·3	48 + 1	37 ...	0·2 - 0·7	0·3 ...
12 Rajasthan, East (including Ajmer) ...	0 -0·28	0 ...	86·6 + 1·4	53·5 - 0·7	48 - 4	23 ...	0·3 - 0·5	0·2 ...
13 Madhya Bharat ...	0 -0·39	0 ...	86·0 + 1·8	51·8 - 1·4	43 - 11	27 ...	0·3 - 0·8	0·2 ...
14 Vindhya Pradesh ...	0 -0·47	0 ...	84·5 +2·4	49·8 - 3·2	54 - 8	35 ...	0·3 - 1·2	0·1 ...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0 -0·42	0 ...	85·4 + 2·0	51·0 - 2·1	47 - 9	30 ...	0·3 - 0·9	0·3 ...
9 Madhya Pradesh ...	0 -0·67	0 ...	85·2 + 1·4	55·1 - 2·8	53 - 9	37 ...	0·6 - 1·2	0·7 ...
10 Bombay (including Saurashtra & Kutch) ...	0·02 -0·89	2 ...	89·1 + 0·8	60·3 - 2·8	57 - 4	37 ...	0·6 - 1·2	0·8 ...
11 Hyderabad	0 -1·05	0 ...	86·4 + 0·9	59·1 - 4·0	50 -13	30 ...	1·1 - 1·4	1·3 ...
12 Madras (including Travancore-Cochin) ...	0·98 -5·58	15 ...	87·3 + 1·5	70·5 - 1·5	70 - 8	58 ...	3·2 - 1·0	3·9 ...
13 Mysore ...	0 -2·73	0 ...	82·4 + 1·5	60·5 - 1·6	68 - 9	37 ...	2·4 - 1·9	3·4 ...
Mean of India ...	0·20 -1·24	14 ...	86·0 + 1·4	58·6 - 1·4	59 - 6	43 ...	1·1 - 0·8	1·3 ...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0 -0·69	0 ...	82·9 + 0·6	55·7 - 2·4	62 - 8	45 ...	1·0 - 1·2	1·3 ...
16 Madhya Pradesh, West ...	0 -0·67	0 ...	86·6 + 1·8	54·7 - 3·0	47 - 10	31 ...	0·4 - 1·1	0·3 ...
17 Gujarat ...	0 -0·53	0 ...	92·1 + 1·2	57·2 - 1·6	52 - 9	34 ...	0·2 - 1·0	0·1 ...
18 Saurashtra & Kutch ...	0·07 -0·09	44 ...	89·4 - 0·3	62·9 - 0·6	63 + 10	42 ...	0·3 - 0·9	0·2 ...
19 Konkan ...	0 -1·29	0 ...	86·0 - 2·7	67·8 - 4·0	72 + 2	71 ...	0·8 - 1·4	0·9 ...
20 Deccan (Desh) ...	0 -1·23	0 ...	88·9 + 2·8	57·0 - 4·1	47 - 15	24 ...	1·0 - 1·3	1·3 ...
21 Hyderabad, North ...	0 -0·97	0 ...	85·9 + 1·1	58·1 - 3·7	49 - 11	31 ...	1·1 - 1·2	1·1 ...
22 Hyderabad, South ...	0 -1·13	0 ...	86·8 + 0·7	59·9 - 4·3	51 - 15	29 ...	1·2 - 1·5	1·3 ...
23 Coastal Andhradesa ...	0·01 -5·49	0 ...	87·2 + 2·1	68·0 - 2·4	70 - 5	60 ...	2·5 - 1·4	2·6 ...
24 Rayalaseema ...	0 -2·27	0 ...	88·0 + 0·5	64·7 - 2·6	51 - 21	36 ...	1·7 - 1·7	2·0 ...
25 Tamilnad ...	1·88 -7·45	20 ...	87·6 + 2·1	72·8 + 0·8	73 - 9	59 ...	4·0 - 0·6	5·1 ...
26 Malabar & South Kanara ...	0·03 -4·13	1 ...	87·1 - 0·4	72·2 - 1·5	78 - 1	69 ...	2·1 - 1·7	3·7 ...
27 Mysore ...	0 -2·73	0 ...	82·4 + 1·5	60·5 - 1·6	68 - 9	37 ...	2·4 - 1·9	3·4 ...
28 Travancore-Cochin ...	2·29 -4·54	34 ...	85·7 - 0·3	74·5 + 0·1	80 + 1	75 ...	4·9 + 0·4	5·7 ...

NOTE.—The entries in the second line for each division and sub-divisioin ndicate departure from normal.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	84·5	+0·6	88	17	74·3	+0·8	71	12	4·62	11·31	+ 0·79	1·33	29	24	+10·4	8·4	6·9	-1·5	27	0	0	3	7	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	...	9·65	...	6·15	12	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dibrugarh ...	80·2	+0·6	89	2	63·6	+3·6	54	27,28	0·72	1·81	+ 0·49	1·01	24	3	+0·5	0·9	0·5	-0·1	5	0	0	0	3	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ...	79·7	...	87	1, 2	61·0	...	51	28,29	0·55	2·15	...	1·00	26	4	...	2·2	1·1	...	11	0	0	0	11	0	0	0	0	0
Sibsagar ...	76·1	-2·0	85	1,2	63·6	+3·8	53	30	0·41	1·93	+ 0·71	0·60	26	4	+1·7	1·8	1·2	+0·1	11	0	0	0	16	0	0	0	0	0
Tezpur ...	83·1	+2·2	92	1	64·4	+2·8	57	29,30	0·10	1·59	+ 0·69	1·00	13	3	+1·2	0·8	0·9	-0·6	5	0	0	0	2	0	0	0	0	0
Tezpur (P. B. O.) ...	80·4	...	88	2	63·5	...	55	29,30	0·10	1·71	...	1·08	13	3	...	1·4	0·9	...	5	0	0	2	4	0	0	0	0	0
Gauhati ...	81·8	+0·5	88	1,2	63·7	+2·3	53	29	0·22	0·62	+ 0·07	0·22	22	2	+0·8	3·3	1·6	+0·5	7	0	0	1	10	0	0	0	0	0
Gauhati (Hoikuchi Aerodrome) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	1	18	0	0	0	0	0
Dhubri ...	80·0	+0·6	85	1,2,3	67·1	+3·1	60	29	3·25	3·87	+ 3·47	3·25	4	2	+1·3	3·8	3·1	-0·9	2	0	0	1	3	0	0	0	0	0
Silchar ...	83·7	-1·2	92	1,2	65·0	+1·5	54	30	0·05	0·38	- 1·37	0·15	10	2	-0·1	0·5	0·1	-0·9	5	0	0	0	1	0	0	0	0	0
Tura ...	79·6	...	91	1	63·0	...	55	27,30	1·83	2·20	...	1·55	4	3	...	2·0	2·0	...	5	0	0	0	0	0	0	0	0	0
Lumding ...	77·2	-1·9	85	7	61·3	+1·6	51	29	0·20	0·30	- 0·35	0·31	4	3	+1·1	...	...	...	3	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	85·0	...	93	2	65·8	...	54	29,30	0·04	0·10	...	0·03	9, 11,12	0	...	2·5	2·1	...	4	0	0	0	0	0	0	0	0	0
Calcutta ...	85·1	+0·9	93	1	66·1	+2·4	55	29,30	0	0·15	- 0·66	0·13	9	1	-0·1	3·1	2·1	+0·2	2	0	0	0	0	0	0	0	0	0
Saugor Island ...	82·4	+0·1	86	1,2,3	68·8	+1·4	60	28	0	0	- 1·28	0	...	0	-1·3	8·8	7·2	+1·7	0	0	0	0	0	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0·12	0·27	- 2·48	0·27	9	1	-1·5	...	...	...	1	0	0	0	0	0	0	0	0	0
Midnapore ...	84·6	+0·2	89	2,3	62·5	-0·8	51	29	0·01	0·10	- 0·77	0·08	12	0	-1·1	3·5	2·0	+0·7	3	0	0	0	0	0	0	0	0	0
Contai ...	89·0	...	91	5days	69·1	...	61	30	0	0	...	0	...	0	...	2·7	2·1	...	0	0	0	0	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	0	- 0·65	0	...	0	-1·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	85·7	+1·8	91	1	64·1	+0·2	52	30	0	0	- 0·86	0	...	0	-1·0	2·7	1·6	+0·4	0	0	0	0	0	0	0	0	0	0
Krishnagar ...	88·7	+4·4	97	3	63·2	+0·9	56	29,30	0·32	0·32	- 0·66	0·30	4	1	-0·2	2·3	1·4	+0·2	2	0	0	0	2	0	0	0	0	0
Asansol ...	85·1	+1·2	91	1,2	61·6	+1·6	50	30	0	0	- 0·57	0	...	0	-1·0	3·7	2·5	-0·6	0	0	0	0	0	0	0	0	0	0
Berhampore ...	86·0	+3·2	95	2	64·9	+1·2	52	30	0	0	- 0·65	0	...	0	-0·7	1·9	1·1	+0·1	0	0	0	0	0	0	0	0	0	0
Malda ...	82·9	+0·6	89	2,3	63·0	+1·9	51	30	0	0·09 (f)	- 0·36	0·09	3	0	-0·7	4·2	2·8 (f)	+0·4	1	0	0	1	0	0	0	0	0	0
Cooch Behar ...	81·0	...	88	6days	65·2	...	55	20	1·40	1·49	...	...	...	...	...	4·7	1·5	...	...	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	83·4	+1·4	92	2	63·1	+2·3	57	26,30	0·39	0·93	+ 0·44	0·54	3	2	+1·2	3·4	2·2	+1·2	2	0	0	1	1	0	0	0	0	0
Bagdogra ...	84·2	...	92	2	58·9	...	52	26	0·37	1·17	...	0·80	3	2	...	1·9	0·8	...	3	0	0	1	0	0	0	0	0	0
Orissa																												
Balasore ...	85·2	+0·9	88	2,26	64·0	+0·8	53	30	0	0·02	- 1·48	0·02	9	0	-1·5	4·1	2·5	+0·9	1	0	0	0	0	0	0	0	0	0
Chandbali ...	85·2	+1·1	91	4	64·7	-0·8	53	30	0	0	- 1·65	0	...	0	-1·5	4·1	3·9	-0·3	0	0	0	0	0	0	0	0	0	0
Puri ...	85·6	+1·0	89	4days	68·9	-0·3	50	30	0	0	- 3·19	0	...	0	-2·4	7·4	5·8	+0·1	0	0	0	0	0	0	0	0	0	0
Bhubaneswar ...	86·6	...	95	18	63·3	...	56	30	0	0	...	0	...	0	...	6·1	5·4	...	0	0	0	0	0	0	0	0	0	0
Cuttack ...	87·0	+2·0	91	2	66·0	+0·2	56	30	0	0	- 1·62	0	...	0	-1·6	2·3	2·4	+1·2	0	0	0	0	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	2·5	1·7	...	0	0	0	0	0	0	0	0	0	0
Gopalpur ...	86·3	+2·2	90	4days	65·8	-1·5	57	30	0	0	- 3·93	0	...	0	-2·8	6·5	5·7	-0·5	0	0	0	0	0	0	0	0	0	0
Koraput ...	76·8	...	80	25	52·9	...	47	16,25, 26	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Angul ...	84·3	+0·5	88	3,4	62·0	-0·3	52	30	0	0	- 1·11	0	...	0	-1·4	3·5	2·7	-0·3	0	0	0	0	0	0	0	0	0	0
Sambalpur ...	84·7	+0·8	89	4,5	58·7	-2·6	51	23,24, 25	0	0	- 0·81	0	...	0	-1·0	3·3	1·9	-0·2	0	0	0	0	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Titilagarh ...	85·3	...	90	3,4	59·6	...	51	30	0	0	...	0	...	0	...	2·1	1·1	...	0	0	0	0	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	84·1	...	90	5	61·0	...	52	29,30	0	0·01	...	0·01	9	0	...	3·2	2·1	...	1	0	0	0	0	0	0	0	0	0
Jamshedpur ...	85·1	+0·1	90	2	60·7	+1·7	48	30	0·10	0·10	- 0·27	0·10	10	1	-0·3	3·6	2·5	+0·9	1	0	0	0	0	0	0	0	0	0
Jamshedpur (P.B.O.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0
Chaibasa ...	84·7	+1·8	89	4	60·2	+0·5	49	30	0	0	- 0·70	0	...	0	-1·0	1·4	0·5	-0·7	0	0	0	1	0	0	0	0	0	0
Ranchi ...	79·5	+2·0	83	2	56·6	-0·6	47	30	0	0	- 0·61	0	...	0	-1·0	2·7	1·7	-1·0	0	0	0	0	0	0	0	0	0	0
Hazaribagh ...	79·2	+1·6	84	2,3	54·6	-2·6	45	29,30	0	0	- 0·56	0	...	0	-0·9	3·3	1·6	-2·7	0	0	0	0	0	0	0	0	0	0
Hazaribagh(C.W.) ...	80·2	...	85	3	54·4	...	44	29	0	0	...	0	...	0	...	1·9	1·0	...	0	0	0	0	0	0	0	0	0	0
Daltonganj ...	84·1	+1·7	89	2,3,4	54·1	-0·3	42	30	0	0	- 0·56	0	...	0	-0·8	2·5	1·4	-0·1	0	0	0	0	0	0	0	0	0	0
Bihar																												
Purnea ...	83·3	+0·9	91	2	58·4	-0·2	47	30	0·01	0·01	- 0·33	0·01	3	0	-0·5	2·9	1·3	+0·3	1	0	0	1	0	0	0	0	0	0
Darbhanga ...	82·0	-0·9	86	1,3	60·4	+0·9	49	29	0	0	- 0·27	0	...	0	-0·4	0·4	0	-0·9	0	0	0	0	0	0	0	0	0	0
Motihari ...	85·4	+3·2	94	1	58·0	+2·0	47	30	0·39	0·46	+ 0·22	0·39	4	1	+0·7	0·7	1·0	-0·6	2	0	0	0	28	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0·35	+ 0·06	0·35	3	1	+0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0	- 0·36	0	...	0	-0·5	...	...	...	...	...	...	...	...	...	...	...	...	...

(f) Total or Mean of 25 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar —*contd.*																												
Arrah	...	...	...	...	...	...	...	...	...	0	− 0·37	0	...	0	−0·6	...	...	...	...	...	...	...	...	...	...	...	...	...
Patna	85·6	+3·5	93	2	61·5	+0·5	51	29	0	0	− 0·34	0	...	0	−0·5	2·6	2·3	+0·8	0	0	0	0	0	0	0	0	0	0
Patna (Aerodrome)	84·9	...	92	1	57·3	...	46	29	0	0	...	0	...	0	...	3·5	1·4	...	0	0	0	0	0	0	0	0	0	0
Delhi	85·1	...	90	1,2,3	59·0	...	49	29,30	0	0	− 0·46	0	...	0	−0·7	2·6	1·6	...	0	0	0	0	0	0	0	0	0	0
Gaya	84·6	+3·3	90	2,3	57·6	+0·6	47	29,30	0	0	− 0·49	0	...	0	−0·7	3·3	1·8	−1·1	0	0	0		0	0	0	0	0	0
Jamui	85·1	...	91	1,2	59·5	...	47	29	0	0	...	0	...	0	...	3·2	1·7	...	0	0	0	0	0	0	0	0	0	0
Dumka	84·2	+1·8	91	3	59·4	−0·2	47	30	0·26	0·26	− 0·28	0·26	4	1	+0·2	3·0	1·8	+0·7	1	0	0	0	0	0	0	0	0	0
Jaboor	84·0	+1·8	90	1,2	57·9	+1·0	45	29,30	0	0	− 0·38	0	...	0	−0·7	3·7	1·8	−0·7	0	0	0	1	0	0	0	0	0	0
Bhagalpur	85·7	...	94	2	62·9	...	52	29	0	0	...	0	...	0	...	3·4	2·1	...	0	0	0	1	0	0	0	0	0	0
U. P., East																												
Gonda	85·7	+2·0	92	1,2	53·8	−1·1	44	29	0	0	−0·20	0	...	0	−0·5	2·2	1·1	−0·6	0	0	0	0	0	0	0	0	0	0
Gorakhpur	85·5	+3·1	93	1	58·5	+1·2	49	28	0	0	−0·19	0	...	0	−0·3	0·7	0·3	−0·5	0	0	0	0	0	0	0	0	0	0
Azamgarh	87·5	...	94	1	55·7	...	44	29	0	0	...	0	...	0	...	0·9	0·6	...	0	0	0	0	0	0	0	0	0	0
Banaras	85·5	+2·5	94	1	54·5	−1·4	45	29	0	0	−0·37	0	...	0	−0·6	4·0	3·4	+1·8	0	0	0	0	0	0	0	0	0	0
Banaras (Babatpur Aerodrome)	85·6	...	92	1	53·6	...	43	29	0	0	...	0	...	0	...	4·7	3·1	...	0	0	0	0	0	0	0	0	0	0
Allahabad (Bamrauli)	85·7	+2·3	91	1,2	54·4	+0·1	44	29	0	0	−0·31	0	...	0	−0·5	3·4	1·5	−0·2	0	0	0	0	0	0	0	0	0	0
Fatehpur	82·4	−2·5	89	1	53·1	−1·6	44	29	0	0	−0·09	0	...	0	−0·4	3·4	1·3	−0·2	0	0	0	0	0	0	0	0	0	0
Banda	87·4	...	92	1,2	54·1	...	46	29,30	0	0	...	0	...	0	...	1·1	0·4	...	0	0	0	0	0	0	0	0	0	0
Orai	85·8	...	91	1,2	55·0	...	47	29,30	0	0	...	0	...	0	...	3·8	3·1	...	0	0	0	0	0	0	0	0	0	0
Kanpur	85·6	+2·8	91	1,2,3	53·2	−0·7	45	29,30	0	0	−0·35	0	...	0	−0·4	4·8	2·4	−0·1	0	0	0	0	0	0	0	0	0	0
Lucknow	86·2	+2·3	93	1	54·0 (b)	−0·1	...	...	0	0	−0·22	0	...	0	−0·4	1·1	0·7	−0·2	0	0	0	0	0	0	0	0	0	0
Lucknow (Amausi Aerodrome)	85·3	...	93	1	49·0	...	39	29	0	0	...	0	...	0	...	3·1	1·4	...	0	0	0	0	0	0	0	0	0	0
Hardoi	86·0	...	92	2,3,8	52·4	...	43	29	0	0	...	0	...	0	...	3·0	1·5	...	0	0	0	0	0	0	0	0	0	0
Lakhimpur Kheri	85·6	...	93	1	53·7	...	43	28	0	0	...	0	...	0	...	1·9	1·0	...	0	0	0	0	0	0	0	0	0	0
Bahraich	85·1	+2·1	92	1	55·1	−1·0	41	28	0	0	−0·28	0	...	0	−0·5	2·2	1·3	+0·1	0	0	0	0	0	0	0	0	0	0
U. P., West																												
Jhansi	86·5	+1·1	91	13,25	53·9	−1·0	46	29,30	0	0	−0·29	0	...	0	−0·5	4·6	3·1	+1·4	0	0	0	0	0	0	0	0	0	0
Agra	86·1	+1·7	92	2	52·6 (b)	+0·7	44	28	0	0	−0·14	0	...	0	−0·3	2·0	1·2	−0·9	0	0	0	0	0	0	0	0	0	0
Mainpuri	87·3	+2·7	93	1,2	52·5	−0·7	...	...	0	0	−0·15	0	...	0	−0·3	...	...	...	0	0	0	0	0	0	0	0	0	0
Aligarh	85·1	+2·4	94	1	52·4	−1·7	44	29	0	0	−0·03	0	...	0	−0·1	...	...	...	0	0	0	0	0	0	0	0	0	0
Bareilly	85·3	+3·7	93	1,2	54·1	+0·3	45	28	0	0	−0·18	0	...	0	−0·3	1·5	0·8	0	0	0	0	0	0	0	0	0	0	0
Meerut	84·2	+2·6	92	1	50·9	0	42	30	0	0	−0·13	0	...	0	−0·3	...	2·4	...	0	0	0	0	0	0	0	0	0	0
Roorkee	82·3	+2·7	93	1	49·5	−0·2	41	30	0	0	−0·23	0	...	0	−0·5	2·6	1·8	+0·8	0	0	0	0	0	0	4	0	0	0
DehraDun	77·8	+2·4	87	1	50·7	−0·4	43	27	0	0	−0·35	0	...	0	−0·7	2·0	2·1	+0·3	0	0	0	0	0	0	0	0	0	0
Punjab (1)																												
New Delhi	84·7	+1·5	90	1	53·5	+1·7	45	29	0	0	−0·10	0	...	0	−0·3	5·7	3·3	...	0	0	0	0	0	0	0	0	0	0
Hissar	83·4	+2·1	93	1	49·0	−0·8	42	30	0	0	−0·06	0	...	0	−0·2	2·7	2·4	0	0	0	0	0	0	0	0	0	0	0
Karnal	81·8	...	90	1	50·1	...	44	29,30	0	0	...	0	...	0	...	1·8	0·9	...	0	0	0	0	0	0	0	0	0	0
Ambala	85·8	+3·6	94	1	43·5	−6·4	...	...	0	0	−0·19	0	...	0	−0·4	4·5	2·5	+0·7	0	0	0	0	0	0	0	0	0	0
Patiala	84·6	...	92	1	49·1	...	40	29	0	0	−0·01	0	...	0	...	4·9	4·0	...	0	0	0	0	0	0	0	0	0	0
Ludhiana	85·7	+4·3	92	1,2,3	49·8	−1·2	43	27,30	0	0	−0·13	0	...	0	−0·4	0·5	0·1	−0·7	0	0	0	0	0	0	0	0	0	0
Ferozepur	87·1	...	92	1	48·1	...	41	29	0	0	...	0	...	0	...	1·3	0·6	...	0	0	0	0	0	0	0	0	0	0
Amritsar	82·2	...	90	1	44·8	...	37	28	0	0·03	..	0·03	11	0	...	4·8	3·3	...	1	0	0	1	0	0	0	0	0	0
Pathankot	82·0	...	90	1	50·1	...	43	27,29, 30	0	0	...	0	...	0	...	2·2	2·0	...	0	0	0	0	0	0	0	0	0	0
Jammu and Kashmir																												
Srinagar	60·4	−2·1	71	3	30·7	−0·2	23	27	0·31	0·44	0	0·40	12	1	−0·1	1·5	1·6	−0·2	2	1	0	0	0	0	0	0	0	0
Gulmarg	...	...	...	...	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sonamarg	...	...	...	...	...	...	...	...	...	0·10	−1·45	0·10	11	1	−1·9	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh	47·0	+0·2	59	1	20·8	+0·4	14	27,28	0	0·04	0	0·04	10	0	−0·2	4·2	4·0	+2·1	1	1	0	0	0	0	0	0	0	0
Skardu (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gurez (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu	69·5	−8·5	79	1	54·0	−2·2	49	16,17, 30	...	0	−0·28	0	...	0	−0·6	...	...	...	0	0	0	0	0	0	0	0	0	0

(b) Mean of 29 days. (R) Register not received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Rajasthan, West																											
Sri Ganganagar ...	90·0	+5·5	96	1	51·4	+3·6	44	30	0	0	-0·01	0	...	0	0	3·5	2·2	-1·3	0	0	0	0	0	0	0	0	0
Bikaner ...	86·1	-1·6	91	2,3,5	48·5	-2·9	40	29	0	0	-0·05	0	...	0	-0·1	2·7	1·6	-0·9	0	0	0	0	0	0	0	0	0
Jaisalmer ...	89·1	...	93	3	54·8	...	46	28	0	0	...	0	...	0	...	4·7	3·1	...	0	0	0	0	0	0	0	0	0
Jodhpur ...	89·2	+1·6	94	3	56·6	+0·9	50	19,24	0	0	-0·11	0	...	0	-0·2	2·5	2·5	...	0	0	0	0	0	0	0	0	0
Phalodi ...	85·9	...	88	23	...	...	...	...	0	0	-0·02	0	...	0	-0·1	5·1	4·6	...	0	0	0	1	0	0	0	0	0
Barmer ..	89·5	+0·1	94	2,4	60·6	-0·3	49	29	0	0	-0·03	0	...	0	-0·2	3·1	2·2	-1·2	0	0	0	0	0	0	0	0	0
Rajasthan, East																											
Sikar ...	85·9	...	92	1	47·4	...	41	18,20	0	0	...	0	...	0	...	4·2	2·8	...	0	0	0	0	0	0	0	0	0
Jaipur ...	86·2	+0·8	91	1	53·4	-0·3	47	30	0	...	-0·14	0	...	0	-0·3	3·8	2·5	-0·3	0	0	0	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	85·5	...	90	1,2	53·8	...	47	20,30	0	0	...	0	...	0	...	3·5	4·1	...	0	0	0	0	0	0	0	0	0
Ajmer ...	85·2	+1·6	91	1	51·9	-1·7	45	28,30	0	0	-0·19	0	...	0	-0·4	2·9	1·3	+0·1	0	0	0	0	0	0	0	0	0
Kotah ...	89·1	+2·4	93	2,3,4	58·9	+0·8	52	30	0	0	-0·23	0	...	0	-0·6	1·2	1·2	+0·2	0	0	0	0	0	0	0	0	0
Jhalawar ...	87·2	+2·5	91	2,3,4	51·9	-1·9	46	22	0	0	-0·73	0	...	0	-1·1	2·1	1·0	-0·5	0	0	0	0	0	0	0	0	0
Udaipur ...	85·2	-0·2	89	1,2	52·2 [b]	-0·2	...	...	0	0	-0·11	0	...	0	-0·3	2·2	1·1	...	0	0	0	0	0	0	0	0	0
Madhya Bharat																											
Gwalior (P.B.O.) ...	86·8	+1·6	91	3	47·6	-3·5	41	28	0	0	-0·14	0	...	0	-0·4	3·9	2·0	...	0	0	0	0	0	0	0	0	0
Sheopur Kalan ...	88·3	...	92	1	51·6	...	46	29,30	0	0	...	0	...	0	...	1·4	0·9	...	0	0	0	0	0	0	0	0	0
Guna ...	86·1	+2·3	90	5	49·2	-1·9	43	28	0	0	-0·87	0	...	0	-0·8	4·3	2·0	+0·7	0	0	0	0	1	0	0	0	0
Neemuch ...	86·4	+1·9	90	6days	55·2	+0·1	50	19,22, 28	0	0	-0·31	0	...	0	-0·4	3·1	2·5	-0·8	0	0	0	0	0	0	0	0	0
Ratlam ...	87·3	...	91	5	55·3	...	49	22	0	0	...	0	...	0	...	4·7	3·6	...	0	0	0	0	0	0	0	0	0
Indore ...	85·5	+1·2	89	3,5	52·3	-1·3	48	21	0	0	-0·61	0	...	0	-0·9	4·2	1·8	-1·2	0	0	0	0	0	0	0	0	0
Bhopal (Bairagarh) ...	85·2	+2·1	89	2,4,5	54·5	-0·4	50	30	0	0	-1·01	0	...	0	-1·2	6·0	4·3	+0·6	0	0	0	0	0	0	0	0	0
Vindhya Pradesh																											
Nowgong ...	85·8	+3·0	91	1	49·2	-3·6	43	28,29, 30	0	0	-0·43	0	...	0	-0·7	3·1	1·3	+0·5	0	0	0	0	0	0	0	0	0
Sutna ...	85·0	+3·1	89	1,2	51·6	-2·6	43	30	0	0	-0·35	0	...	0	-0·7	2·8	1·5	-0·2	0	0	0	0	0	0	0	0	0
Umaria ...	82·6	+1·1	87	2	48·7	-3·5	40	30	0	0	-0·64	0	...	0	-0·7	2·0	1·0	-0·5	0	0	0	0	0	0	0	0	0
Madhya Pradesh, East																											
Gondia ...	84·7	...	88	2,5	56·2	...	52	4days	0	0	...	0	...	0	...	2·8	1·3	...	0	0	0	0	0	0	0	0	0
Pendra ...	79·9	+2·3	84	1,2	55·2	-0·1	49	29,30	0	0	-0·72	0	...	0	-1·3	3·1	1·8	-0·2	0	0	0	0	0	0	0	0	0
Raigarh ...	86·1	...	90	1,3	61·1	...	54	25,30	0	0	...	0	...	0	...	3·3	2·8	...	0	0	0	0	0	0	0	0	0
Ambikapur ...	79·1	...	83	1,2,3	49·9	...	40	29,30	0	0	...	0	...	0	...	5·1	3·4	...	0	0	0	0	0	0	0	0	0
Champa ...	85·1	...	89	2,3	61·0	...	54	29,30	0	0	...	0	...	0	...	3·3	3·2	...	0	0	0	0	0	0	0	0	0
Raipur ...	84·1	+0·4	88	3	59·9	-0·7	52	30	0	0	-0·53	0	...	0	-1·1	2·9	2·0	0	0	0	0	0	0	0	0	0	0
Kanker ...	82·7	-0·3	85	5days	54·5	-2·5	47	30	0	0	-0·38	0	...	0	-0·8	1·9	1·3	-0·6	0	0	0	0	0	0	0	0	0
Chanda ...	85·2	-0·1	88	2,3	54·0	-5·0	49	16,19, 30	0	0	-0·66	0	...	0	-1·3	2·4	1·3	-0·1	0	0	0	0	0	0	0	0	0
Sironcha ...	85·7	...	89	3,4	58·5	...	53	16,24, 30	0	0	...	0	...	0	...	3·8	1·9	...	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.) ..	82·8	+0·9	86	2,3,4	55·1	-3·9	48	24	0	0	-1·14	0	...	0	-1·9	2·3	1·1	...	0	0	0	0	0	0	0	0	0
Madhya Pradesh, West																											
Buldhana ...	84·7	...	87	5,25	61·0	...	57	20	0	0	...	0	...	0	...	4·4	3·1	...	0	0	0	0	0	0	0	0	0
Akola ...	89·7	+1·7	92	3,4,5	54·0	-4·4	50	19,20	0	0	-0·73	0	...	0	-1·0	3·7	2·6	0	0	0	0	0	0	0	0	0	0
Amravati ...	87·9	+1·3	91	3	60·8	-1·8	57	22	0	0	-0·66	0	...	0	-1·0	5·0	4·3	+1·0	0	0	0	0	0	0	0	0	0
Yeotmal ...	84·5	...	88	19,26, 27	59·1	...	56	4days	0	0	...	0	...	0	...	4·2	4·3	...	0	0	0	0	0	0	0	0	0
Khandwa ...	90·2	+3·4	94	3,5	51·9	-4·6	47	19,21	0	0	-0·76	0	...	0	-1·0	4·2	2·5	+0·2	0	0	0	0	0	0	0	0	0
Hoshangabad ...	87·0	+2·4	92	3,4,5	51·2	-7·2	39	23	0	0	-0·67	0	...	0	-0·9	2·0	1·2	-0·4	0	0	0	0	0	0	0	0	0
Sagar ...	83·2	+1·1	87	1	59·2	+0·8	54	30	0	0	-0·63	0	...	0	-0·9	8·4	7·2	+0·3	0	0	0	0	0	0	0	0	0
Jabalpur ...	85·3	+3·1	89	3,4	50·1	-2·2	43	30	0	0	-0·43	0	...	0	-0·9	2·9	1·6	+0·4	0	0	0	0	0	0	0	0	0
Mandla ...	82·9	...	85	9days	45·9	...	39	30	0	0	...	0	...	0	...	3·0	1·2	...	0	0	0	0	6	0	0	0	0
Seoni ...	82·5	+1·1	87	2,3,5	55·3	0	51	17	0	0	-0·68	0	...	0	-1·0	3·7	1·7	-0·5	0	0	0	0	0	0	0	0	0
Chhindwara ...	83·5	...	86	1,4,5	51·1	...	47	18,22, 30	0	0	...	0	...	0	...	2·6	2·4	...	0	0	0	0	0	0	0	0	0
Betul ...	83·6	...	87	5,6,25	48·7	...	44	18	0	0	...	0	...	0	...	4·0	2·1	...	0	0	0	0	0	0	0	0	0
Nagpur ...	87·0	+1·5	91	3	54·7	-4·4	50	23,24 30	0	0	-0·77	0	...	0	-1·1	3·9	2·6	...	0	0	0	0	0	0	0	0	0

[b] Mean of 29 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	93·0	...	97	1	53·8	...	49	20,23	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	98·3	+6·4	102	6	62·2	-2·7	58	18,21, 22	0	0	-0·32	0	...	0	-0·5	3·7	3·1	+0·3	0	0	0	0	0	0	0	0	0	0
Ahmedabad ...	92·2	+0·2	97	1	58·7	-2·3	53	20,23, 24	0	0	-0·14	0	...	0	-0·4	4·1	2·2	-0·2	0	0	0	0	0	0	0	0	0	0
Dohad ...	90·2	+1·1	94	6	58·3	0	53	20	0	0	-0·65	0	...	0	-0·9	3·7	3·6	+1·0	0	0	0	0	0	0	0	0	0	0
Baroda ...	93·8	+2·3	98	4,5	54·7	-2·6	50	4days	0	0	-0·80	0	...	0	-1·5	1·7	1·3	-0·4	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	92·7	...	97	4	58·9	....	53	17	0	0	...	0	...	0	...	4·2	3·1	...	0	0	0	0	0	0	0	0	0	0
Broach ...	96·0	...	100	2	60·7	...	54	20	0	0	...	0	...	0	...	3·0	2·4	...	0	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	90·0	+0·2	94	9	61·5	-0·5	55	20	0·35	0·35	+0·27	0·35	12	1	+0·8	3·8	2·3	-1·1	1	0	0	1	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0·35	0·35	...	0·35	12	1	...	2·8	1·5	...	1	0	0	1	1	0	0	0	0	0
Dwarka ...	84·3	-2·8	93	9	68·5	-0·2	64	19,23	0	0	-0·08	0	...	0	-0·1	9·1	7·5	+0·2	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	88·2	-2·6	92	5days	60·0	+0·8	53	4 days	0	0	-0·06	0	...	0	-0·2	...	...	...	0	0	0	0	0	0	0	0	0	0
Rajkot ...	91·5	+0·4	94	6 days	59·9	-0·7	51	22	0	0	-0·23	0	...	0	-0·3	6·0	4·6	+1·0	0	0	0	0	6	0	0	0	0	0
Rajkot (Aerodrome) ...	91·6	...	97	1	58·5	...	51	21	...	0	...	0	...	0	...	...	5·8	...	0	0	0	0	6	0	0	0	0	0
Veraval ...	88·8	...	94	1,2	61·4	...	54	30	0	0	-0·17	0	...	0	-0·2	11·1	8·7	+4·3	0	0	0	0	1	0	0	0	0	0
Bhavnagar ...	91·7	+1·0	95	1,2	61·6	-1·0	56	29	0	0	-0·26	0	...	0	-0·3	5·1	3·4	+0·4	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	89·9	...	95	1	62·4	...	57	24	...	0	...	0	...	0	...	...	7·1	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	87·9	...	93	10,23, 24	63·5	...	60	24	0	0	...	0	...	0	...	8·6	6·6	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	88·1	-1·3	93	16,20	69·4	-3·1	66	25	0	0	-0·53	0	...	0	-0·8	6·2	5·3	-1·0	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome) ...	90·0	-0·1	93	5 days	62·1	-3·5	57	24	0	0	-0·53	0	...	0	-0·8	6·8	3·1	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	85·3	-3·1	94	16	64·7	-5·0	61	24,25	...	0	-1·55	0	...	0	-1·4	...	1·9	-2·6	0	0	0	0	0	0	0	0	0	0
Harnai ...	82·1	...	90	22	72·2	...	70	17,26 27	0	0	...	0	...	0	...	7·2	5·0	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri ...	87·0	...	95	23	65·5	...	61	17	0	0	...	0	...	0	...	...	...	...	0	0	0	0	1	0	0	0	0	0
Devgad ...	85·8	...	92	24	66·8	...	63	20,21	0	0	...	0	...	0	...	8·0	6·2	...	0	0	0	0	4	0	0	0	0	0
Vengurla ...	89·0	...	95	24	63·6	...	59	17,24	0	0	...	0	...	0	...	...	...	...	0	0	0	0	5	0	0	0	0	0
Marmagao ...	84·5	-3·7	91	24	69·3	-4·0	67	17,18	0	0	-1·20	0	...	0	-2·4	6·2	5·3	+0·3	0	0	0	0	3	0	0	0	0	0
Honavar ...	88·3	...	95	21,24	66·0	...	64	16,17, 18	0	0	-1·88	0	...	0	-2·8	3·8	2·9	...	0	0	0	0	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	0	-0·76	0	...	0	-1·7	...	...	...	0	...	...	...	...	...	...	...	...	...
Jalgaon ...	91·9	...	94	6 days	53·8	...	47	24	0	0	-0·78	0	...	0	-0·9	6·1	4·9	...	0	0	0	0	0	0	0	0	0	0
Malegaon ...	90·2	+2·5	93	25,26	53·6	-4·1	49	18,19, 20	0	0	-0·87	0	...	0	-1·2	3·6	2·4	-0·8	0	0	0	0	0	0	0	0	0	0
Deolali ...	88·2	...	91	4	50·5	...	46	23	...	0	...	0	...	0	...	...	1·7	...	0	0	0	0	0	0	0	0	0	0
Ahmednagar ...	88·3	+3·2	91	4,25	54·4	-3·8	48	21	0	0	-1·11	0	...	0	-1·4	5·0	3·5	-0·6	0	0	0	0	0	0	0	0	0	0
Poona ...	89·9	+3·4	93	4	54·3	-4·2	49	19,20	0	0	-1·08	0	...	0	-1·6	1·9	1·0	-2·7	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	88·5	...	91	5	56·6	...	53	4days	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jeur ...	89·6	...	92	3,27,28	54·7	...	50	4days	0	0	...	0	...	0	...	4·7	3·1	...	0	0	0	0	0	0	0	0	0	0
Sholapur ...	89·3	+1·8	92	4,27	57·8	-5·0	53	19,23	0	0	-1·33	0	...	0	-1·7	7·2	5·4	-0·7	0	0	0	0	0	0	0	0	0	0
Miraj ...	88·6	+3·4	93	4	57·5	-5·1	52	25,26	0	0	-1·82	0	...	0	-2·5	6·9	4·9	-0·1	0	0	0	0	2	0	0	0	0	0
Kolhapur ...	87·7	...	91	27	58·1	...	52	18	0	0	...	0	...	0	...	6·9	4·4	...	0	0	0	0	2	0	0	0	0	0
Bijapur ...	87·4	+1·7	91	27	59·2	-3·5	54	17,18, 24	0	0	-1·27	0	...	0	-1·3	4·6	2·4	0	0	0	0	0	0	0	0	0	0	0
Belgaum ...	...	...	...	...	...	...	...	...	0	0	-1·55	0	...	0	-2·4	...	...	...	0	...	...	...	...	...	...	...	...	...
Gadag ...	88·5	+3·6	92	3,4	61·9	-2·9	58	16,19, 23	0	0	-1·78	0	...	0	-3·0	5·4	3·8	-0·5	0	0	0	0	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	89·1	+3·0	92	3	56·7	-3·6	52	17	0	0	-0·95	0	...	0	-1·3	4·4	4·0	-0·6	0	0	0	0	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	87·5	...	90	4,25	48·2	...	43	17,20	0	0	...	0	...	0	...	4·7	2·7	...	0	0	0	0	0	0	0	0	0	0
Parbhani ...	87·1	...	90	4,26	54·1	...	51	6days	0	0	-1·36	0	...	0	-1·8	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam ...	86·7	...	90	7days	57·8	...	52	30	0	0	...	0	...	0	...	3·7	2·8	...	0	0	0	0	0	0	0	0	0	0
Nizamabad ...	85·6	0	88	4,27,28	55·4	-5·0	50	19	0	0	-0·69	0	...	0	-1·1	3·3	2·8	+0·6	0	0	0	0	0	0	0	0	0	0
Bidar ...	82·9	+0·4	88	27	62·2	-2·4	58	20	0	0	-0·86	0	...	0	-1·7	7·7	5·2	-0·3	0	0	0	0	0	0	0	0	0	0

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with								
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																											
Ganga Catchment																											
Tapoban ...	67·5	...	74	1	43·8	...	38	26	...	0·05	...	0·05	2	0	...	...	...	...	1	0	0	0	0	0	0	0	0
Badrinath * ...	49·2	...	51	1	35·8	...	35	11days	...	0·11	...	0·06	13	0	...	...	...	...	2	0	0	0	0	0	0	0	0
Narbada Catchment																											
Punasa ...	90·3	...	94	5	52·8	...	49	4 days	0	0	...	0	...	0	...	3·5	2·8	...	0	0	0	0	0	0	0	0	0
Bagra Tawa ...	86·5	...	90	3	48·6	...	42	30	0	0	...	0	...	0	...	2·7	1·3	...	...	0	0	0	0	0	0	0	0
Thikri ...	91·4	...	95	4 days	52·0	...	47	20	0	0	...	0	...	0	...	...	...	...	...	0	0	0	0	0	0	0	0
Tapti Catchment																											
Nandurbar ...	92·1	...	95	4 6	61·8	...	57	17,22	0	0	...	0	...	0	...	...	...	...	...	0	0	0	0	0	0	0	0
Sabarmati Catchment																											
Jhadol ...	86·9	...	96	7	46·5	...	38	19	0	0	...	0	...	0	...	...	...	...	...	0	0	0	0	0	0	0	0
Dharoi ...	88·4	...	96	1	...	...	...	...	0	0	...	0	...	0	...	...	...	...	...	0	0	0	0	0	0	0	0

* Observations for 19 days only.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1009·2	1000·2	...	75·9	74·5	73·8	29·1	94	...	6·2	...	5·0	0	4	20	0	4	6	1	4	4	4	1	6
	0830	,,	1011·0	1002·1	-1·1	81·2	77·3	75·8	30·1	84	+ 8	6·2	+1·6	7·7	0	6	24	2	7	12	1	4	3	1	0	0
	1130	,,	1009·3	1000·5	...	81·6	77·2	75·2	29·8	81	...	6·4	...	8·6	0	7	23	0	7	15	1	4	2	1	0	0
	1730	,,	1008·8	999·8	...	77·7	75·1	73·9	29·7	89	...	6·4	...	6·6	0	1	27	0	5	10	3	4	3	1	2	2
	2330	,,	1009·9	1000·9	...	77·0	75·3	74·4	29·5	92	...	4·8	...	7·3	0	5	20	0	4	9	2	4	2	3	1	5
Assam																										
Dibrugarh ...	0830	348	1015·0	1002·7	-2·0	71·9	67·8	65·4	21·5	81	- 1	3·4	+0·8	1·4	0	0	21	2	5	7	1	1	1	0	4	9
	1730	,,	1011·4	999·1	...	71·4	68·1	66·2	21·7	84	...	2·7	...	0·2	0	0	3	0	1	1	0	1	0	0	0	27
Dibrugarh (Mohanbari Aerodrome)	0530	364	1013·7	1000·7	...	62·4	61·9	61·3	18·7	96	...	4·0	...	0·7	0	0	1	0	0	1	0	0	0	0	0	29
	0830	,,	1015·4	1002·5	...	71·7	67·6	65·2	21·4	81	...	4·5	...	2·1	0	0	24	3	18	2	1	0	0	0	0	6
	1130	,,	1013·2	1000·5	...	76·5	68·9	64·4	20·8	67	...	4·9	...	2·4	0	0	29	4	18	3	1	1	1	1	0	1
	1730	,,	1011·8	999·0	...	70·1	67·5	66·0	22·0	87	...	3·8	...	0·2	0	0	2	0	1	0	0	0	0	0	1	28
	2330	,,	1013·5	1000·5	...	63·5	62·7	62·2	18·8	96	...	3·0	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
Sibsagar ...	0830	317	1015·1	1004·0	-1·7	71·3	68·5	66·9	22·3	86	- 3	5·4	0	1·6	0	0	20	2	7	1	3	4	2	1	0	10
	1730	,,	1011·4	1000·3	...	72·1	69·6	68·1	24·3	88	...	6·9	...	0·9	0	0	9	3	2	0	1	1	0	0	3	21
Tezpur ...	0830	258	1015·2	1006·1	-1·9	70·0	67·7	66·4	21·9	89	+ 8	2·8	+0·5	1·8	0	0	25	0	8	17	0	0	0	0	0	5
	1730	,,	1011·2	1002·2	...	75·7	70·9	68·3	23·4	78	...	2·2	...	0·3	0	0	4	1	0	3	0	0	0	0	0	26
Tezpur (P.B.O.) ...	0530	257	1013·7	1004·4	...	64·2	63·5	58·8	19·9	96	...	4·0	...	0·6	0	0	7	1	4	1	0	1	0	0	0	23
	0830	,,	1015·4	1006·3	...	71·9	68·4	66·5	22·1	84	...	4·0	...	2·1	0	0	18	3	7	7	1	0	0	0	0	12
	1130	,,	1013·2	1004·2	...	77·2	70·6	67·2	22·7	71	...	3·8	...	2·0	0	0	20	2	6	10	1	0	1	0	0	10
	1730	,,	1011·6	1002·6	...	71·5	68·8	67·4	23·1	87	...	2·7	...	0·5	0	0	6	0	4	2	0	0	0	0	0	24
	2330	,,	1013·5	1004·3	...	66·4	65·5	64·8	21·0	95	...	2·1	...	0·5	0	0	5	1	2	2	0	0	0	0	0	25
Gauhati ...	0830	182	1014·7	1008·4	-1·4	71·3	68·9	67·7	22·9	88	+ 2	3·8	+1·2	2·1	0	0	29	8	5	4	7	3	0	0	2	1
	1730	,,	1010·2	1003·9	...	73·9	69·6	67·4	22·5	79	...	2·9	...	0·5	0	0	6	1	1	2	1	0	1	0	0	24
Gauhati (Kaikuchi... Aerodrome)	0530	162	1012·4	1006·7	...	66·1	65·5	64·1	21·3	97	...	3·7	...	1·6	0	0	12	0	2	6	0	2	2	0	0	18
	0830	,,	1014·4	1008·7	...	71·7	69·1	67·9	23·3	88	...	3·6	...	4·4	0	0	27	0	4	18	0	2	3	0	0	3
	1130	,,	1012·2	1006·6	...	77·4	71·9	69·5	24·3	77	...	2·8	...	6·8	0	0	30	2	13	11	1	0	0	0	3	0
	1730	,,	1010·8	1005·1	...	72·5	69·9	68·2	23·9	88	...	2·8	...	1·3	0	0	10	0	3	5	0	1	1	0	0	20
	2330	,,	1012·5	1006·8	...	67·5	66·7	66·1	21·7	96	...	1·3	...	1·1	0	0	10	1	3	1	1	2	2	0	0	20
Dhubri ...	0830	115	1014·6	1010·5	-1·5	72·6	69·6	67·9	24·2	85	+ 6	3·4	+1·7	3·5	0	0	28	3	13	11	1	0	0	0	0	2
	1730	,,	1011·5	1007·4	...	74·1	69·9	67·2	24·1	80	...	2·1	...	2·1	0	0	22	1	8	5	3	2	3	0	0	8
Silchar ...	0830	96	1014·4	1011·0	-1·4	71·9	68·2	66·0	22·1	82	+ 2	3·1	+0·6	0·2	0	0	2	0	1	1	0	0	0	0	0	28
	1730	,,	1010·6	1007·2	...	77·2	71·2	67·9	23·4	73	...	2·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Tura ...	0830	1,215	1015·0	972·6	...	67·8	64·4	61·4	19·0	81	...	3·0	...	0·7	0	0	10	0	4	3	2	1	0	0	0	20
	1730	,,	1011·5	969·7	...	71·4	69·3	68·0	23·6	89	...	3·4	...	1·0	0	0	12	0	5	5	2	0	0	0	0	18
Lumding ...	0830	...	...	...	...	68·3	66·6	65·9	21·7	92	+ 3	...	...	0·9	0	0	11	2	3	1	4	1	0	0	0	19
	1730	...	...	...	...	75·8	73·8	72·9	27·6	91	...	...	...	0·1	0	0	1	0	0	0	0	1	0	0	0	29
West Bengal																										
Dum Dum ...	0530	33	1011·4	1010·3	...	66·3	63·9	62·1	19·1	87	...	3·1	...	3·7	0	0	24	8	2	0	0	0	0	2	12	6
	0830	,,	1013·6	1012·4	...	74·4	67·4	62·9	19·7	68	...	2·2	...	5·5	0	2	28	11	7	0	0	0	1	2	9	0
	1130	,,	1012·2	1011·1	...	82·1	67·8	57·7	17·2	45	...	3·0	...	8·1	0	3	27	11	8	0	1	1	0	1	8	0
	1730	,,	1010·2	1009·1	...	77·4	68·1	62·1	19·8	60	...	2·7	...	3·5	0	1	25	4	1	2	0	1	2	4	12	4
	2330	,,	1012·0	1010·9	...	68·9	65·4	63·2	19·8	82	...	1·5	...	2·8	0	0	23	8	6	0	1	0	1	3	4	7
Calcutta ...	0830	21	1013·8	1013·1	-1·5	74·4	68·0	63·7	20·2	70	- 6	2·2	+0·4	3·1	0	0	25	8	5	0	0	1	4	7	5
	1730	,,	1010·3	1009·6	...	76·2	69·0	64·6	20·1	68	...	2·3	...	1·3	0	0	12	3	1	1	0	1	2	1	3	18
Saugor Island ...	0830	10	1012·9	1012·6	-2·0	75·3	69·1	65·3	24·4	71	- 4	2·7	+0·1	9·5	0	4	26	14	9	0	0	0	1	0	6	0
	1730	,,	1009·8	1009·5	...	75·9	69·9	65·1	22·2	68	...	2·7	...	7·3	0	3	27	10	6	0	0	2	4	4	4	0
Sandheads ...	0530	32	1011·3	1010·2	...	77·5	70·0	65·2	21·7	67	...	2·7	...	7·9	0	8	20	7	7	1	0	0	1	7	5	2
	0830	,,	1013·3	1012·2	-1·4	79·0	70·5	65·5	21·6	64	+ 2	2·5	-0·3	6·3	0	7	21	11	6	1	0	0	2	4	4	2
	1130	,,	1012·1	1011·0	...	79·7	71·3	66·4	22·2	65	...	2·5	...	7·7	0	7	20	12	5	1	0	1	2	1	5	3
	1730	,,	1010·5	1009·4	...	79·7	70·3	64·5	20·9	61	...	1·9	...	5·0	0	5	16	8	4	0	0	3	0	2	4	9
	2330	,,	1011·7	1010·6	...	74·9	70·2	65·4	23·4	65	...	0·5	...	6·7	0	5	22	6	6	0	0	1	4	2	8	3
Midnapore ...	0830	149	1013·9	1008·6	-1·5	71·7	65·2	60·9	18·3	69	+ 3	1·9	+0·1	1·7	0	0	19	14	5	0	0	0	0	0	0	31
	1730	,,	1010·1	1005·0	...	78·0	68·6	63·0	19·5	60	...	1·5	...	0·3	0	0	4	1	2	0	1	0	0	0	0	26
Contai ...	0830	35	...	...	...	76·0	69·4	63·4	21·7	71	...	2·2	...	2·2	0	0	20	18	0	0	0	0	0	1	1	10
	1730	,,	...	...	...	76·1	70·1	74·1	22·4	73	...	1·8	...	1·1	0	0	12	8	0	1	0	2	0	1	0	18
Burdwan ...	0830	106	1013·5	1009·7	-2·1	71·6	65·8	61·3	18·8	71	+ 2	0·5	-1·2	2·2	0	0	22	2	2	0	0	0	2	6	10	9
	1730	,,	1010·0	1006·3	...	78·5	70·0	64·8	21·2	64	...	0·6	...	1·0	0	0	9	1	3	0	0	0	2	2	1	31
Krishnagar ...	0830	48	1013·9	1012·1	-1·7	74·6	68·3	64·7	20·6	71	+ 2	2·5	+0·8	2·0	0	0	28	8	4	1	0	2	0	10	3	2
	1730	,,	1010·7	1008·9	...	78·3	69·1	65·5	21·3	69	...	3·1	...	0·5	0	0	7	2	3	0	1	0	0	1	0	23
Asansol ...	0530	414	1012·3	997·5	...	62·4	59·5	57·0	15·9	83	...	1·4	...	3·0	0	0	27	1	0	0	0	0	0	1	25	3
	0830	,,	1014·1	999·6	-1·5	71·2	63·9	58·3	16·7	65	- 4	1·2	-0·9	3·4	0	0	28	4	1	0	0	0	0	8	15	2
	1130	,,	1012·7	998·4	...	81·8	66·7	55·1	15·7	42	...	1·9	...	3·7	0	0	28	4	1	1	0	0	0	1	7	14	2
	1730	,,	1010·3	996·0	...	76·8	65·4	56·9	16·1	52	...	1·5	...	0·6	0	0	6	4	0	0	0	0	0	1	1	24
	2330	,,	1012·6	998·0	...	66·9	61·5	57·4	16·1	72	...	1·1	...	0·8	0	0	10	2	0	0	0	0	0	0	8	20
Berhampore ...	0830	62	1013·3	1011·4	-2·1	70·8	66·0	62·9	19·4	75	0	2·5	+0·7	1·4	0	0	14	6	2	1	0	2	0	3	16
	1730	,,	1010·4	1007·9	...	78·6	69·2	64·2	20·0	62	...	2·2	...	0·3	0	0	3	1	1	1	0	0	0	0	0	37
Malda ...	0830	103	1014·3	1010·6	-1·5	72·4	65·7	61·4	18·8	69	- 3	2·2	+1·4	3·3	0	0	26	10	7	1	0	1	1	0	6	4
	1730	,,	1010·8	1007·2	...	77·0	68·3	62·9	19·9	62	...	2·0	...	1·6	0	0	18	4	2	1	1	0	0	1	9	13
												(d)		(d)												
Cooch-Behar ...	0830	145	1012·4	1007·0	...	75·2	68·3	65·5	20·4	73	...	2·0	...	2·1	0	0	26	0	1	19	5	0	0	1	0	1
	1730	,,	1008·6	1003·7	...	77·2	71·0	68·3	23·4	75	...	2·5	...	0·7	0	0	6	0	1	3	2	0	0	0	0	24

(d) Mean of 27 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (Contd.)–																										
Jalpaiguri ...	0830	271	1014·7	1005·0	-1·5	67·8	64·7	62·7	19·6	84	+4	1·9	+0·8	2·6	0	0	25	10	8	6	1	0	0	0	0	5
	1730	,,	1010·7	1001·2	...	77·8	69·7	64·9	21·2	65	...	1·7	...	0·9	0	0	10	0	1	3	0	1	1	3	1	20
Jalpaiguri (P.B.O.)	0530	271	1012·5	1002·7	...	63·7	62·4	61·4	18·4	93	...	1·6	...	0·9	0	0	9	5	2	1	0	0	0	1	0	21
	1130	,,	1013·2	1003·7	...	79·4	69·1	62·9	19·4	58	...	1·5	...	2·7	0	0	22	0	3	13	6	0	0	0	0	8
	2330	,,	1012·9	1003·2	...	67·6	65·6	64·5	20·6	90	...	1·7	...	1·1	0	0	13	5	2	3	0	0	0	1	2	17
Bagdogra ...	0530	416	1012·3	997·4	...	59·7	59·0	58·2	16·9	95	...	1·8	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
	0830	,,	1014·2	999·7	...	72·8	66·8	63·1	19·7	72	...	1·7	...	1·1	0	0	7	0	4	3	0	0	0	0	0	23
	1130	,,	1012·8	998·5	...	80·3	69·1	62·4	19·5	55	...	2·2	...	2·9	0	0	22	1	2	8	3	6	0	1	1	8
	1730	,,	1010·6	996·1	...	71·7	68·0	65·8	22·0	82	...	2·7	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Orissa																										
Balasore ...	0830	65	1013·4	1011·1	-2·0	72·1	65·8	61·7	18·6	70	-1	2·6	+0·4	2·8	0	0	29	13	8	0	0	1	1	0	6	1
	1730	,,	1010·0	1007·7	...	76·8	69·1	64·5	21·9	66	...	2·9	...	0·5	0	0	5	0	3	0	0	2	0	0	0	25
Chandbali ...	0830	20	1014·4	1013·7	-0·7	73·4	68·4	65·5	21·4	76	-1	1·7	-1·0	2·0	0	0	28	6	1	0	0	0	0	3	18	2
	1730	,,	1010·3	1009·6	...	76·9	69·6	66·1	21·1	69	...	1·4	...	1·1	0	0	14	0	0	5	5	0	0	0	4	16
Puri ...	0830	20	1013·7	1013·0	-1·3	71·2	67·3	63·5	21·0	67	-5	2·2	-0·2	7·0	0	1	29	21	5	0	0	0	2	0	2	0
	1730	,,	1010·3	1009·6	...	80·0	69·2	63·2	19·2	55	...	2·5	...	5·9	0	0	30	4	7	1	3	10	5	0	0	0
Bhubaneswar ...	0530	150	1012·3	1006·8	...	64·5	60·2	56·7	15·6	76	...	1·7	...	2·9	0	0	25	11	0	0	0	0	0	3	11	5
	0830	,,	1013·4	1008·1	...	75·3	67·4	62·2	19·8	64	...	2·1	...	5·4	0	1	28	7	3	0	0	0	0	8	11	1
	1130	,,	1012·1	1006·8	...	83·2	68·2	58·6	16·8	44	...	2·4	...	6·4	0	0	29	9	7	2	0	1	1	1	8	1
	1730	,,	1010·2	1004·8	...	78·4	67·9	60·9	18·6	55	...	1·9	...	3·6	0	0	29	9	4	0	0	0	0	0	16	1
	2330	,,	1011·8	1006·4	...	70·9	63·8	58·6	17·1	66	...	1·1	...	2·6	0	0	26	11	2	1	0	0	0	1	11	4
Cuttack ...	0830	87	1013·2	1010·1	-2·4	72·2	65·7	61·3	18·7	68	-6	1·9	-0·6	0·8	0	0	3	0	1	2	0	0	0	0	0	27
	1730	,,	1009·9	1006·9	...	81·7	69·0	60·9	18·7	51	...	2·0	...	0·3	0	0	2	0	1	1	0	0	0	0	0	28
Cuttack (P.B.O.) ...	0530	87	1012·1	1009·1	...	67·3	64·4	62·6	19·2	85	...	2·1	...	1·0	0	0	11	0	3	0	0	0	1	5	2	19
	0830	,,	1013·9	1010·9	...	75·2	68·3	64·1	20·4	69	...	2·0	...	2·1	0	0	21	0	12	0	0	0	3	0	6	9
	1130	,,	1012·2	1009·3	...	84·5	70·9	62·6	19·8	49	...	2·4	...	3·3	0	0	28	3	21	1	0	1	0	0	2	2
	1730	,,	1010·4	1007·5	...	80·1	70·1	64·8	20·6	60	...	1·9	...	0·5	0	0	4	0	3	0	0	0	0	1	0	26
	2330	,,	1012·1	1009·2	...	71·3	67·6	65·4	21·6	81	...	1·9	...	0·4	0	0	3	0	2	0	0	0	0	1	0	27
Gopalpur ...	0530	56	1012·0	1010·0	...	66·2	63·6	61·8	19·0	85	...	2·5	...	5·7	0	0	30	14	1	0	0	0	0	0	15	0
	0830	,,	1013·9	1011·9	-1·1	74·2	67·4	63·2	19·6	69	-3	2·3	+0·1	7·4	0	0	30	15	0	0	0	0	0	0	15	0
	1130	,,	1012·8	1010·8	...	84·4	70·1	61·2	18·4	47	...	2·3	...	6·7	0	0	28	11	4	0	4	1	0	0	8	2
	1730	,,	1010·6	1008·7	...	79·9	66·5	62·8	16·0	57	...	2·6	...	4·9	0	0	39	5	5	9	7	3	0	0	0	1
	2330	,,	1012·5	1010·5	...	71·3	66·9	64·0	20·4	79	...	2·3	...	4·3	0	0	28	12	0	0	0	0	1	2	13	2
Koraput ...	0830	2996	903·3	912·7	...	64·7	56·4	52·9	12·0	67	...	1·8	...	2·4	0	0	30	3	2	2	5	9	6	1	2	0
	1730	,,	900·7	909·6	...	69·1	60·7	53·6	14·7	56	...	2·3	...	5·3	0	0	30	27	1	0	0	0	1	0	1	0
Angul ...	0830	455	1014·7	998·7	-0·7	70·5	63·3	59·5	16·8	68	-4	1·7	-1·0	2·8	0	0	27	3	2	0	0	0	1	13	8	3
	1730	,,	1010·6	994·9	...	79·4	66·1	66·8	15·7	46	...	2·9	...	1·4	0	0	17	5	1	1	0	0	0	5	5	13
Sambalpur ...	0830	486	1014·2	997·1	-1·7	69·9	63·9	59·8	17·6	70	-2	1·9	-0·2	2·3	0	0	30	13	10	1	0	1	1	1	3	0
	1730	,,	1010·5	993·7	...	78·2	66·3	57·7	16·6	51	...	2·2	...	1·8	0	0	24	9	7	2	0	0	2	1	3	6
Jharsuguda ...	0530	726	1012·6	986·6	...	60·7	58·2	55·6	15·4	87	...	1·5	...	1·3	0	0	14	10	4	0	0	0	0	0	0	16
	0830	,,	1014·3	988·7	...	70·9	62·7	57·2	16·0	64	...	1·2	...	3·4	0	0	27	16	11	0	0	0	0	0	0	3
	1130	,,	1012·6	987·6	...	79·8	65·3	55·6	14·8	46	...	1·2	...	3·7	0	0	27	14	12	1	0	0	0	0	0	3
	1730	,,	1010·8	985·1	...	72·1	63·3	58·0	15·7	61	...	1·9	...	0·2	0	0	2	1	1	0	0	0	0	0	0	28
	2330	,,	1012·7	986·9	...	64·4	60·4	57·6	16·1	79	...	1·8	...	0·4	0	0	4	3	1	0	0	0	0	0	0	26
Titilagarh ...	0830	691	1014·5	990·3	...	69·1	62·7	58·3	16·5	68	...	1·6	...	1·7	0	0	24	7	5	0	3	3	1	1	4	6
	1730	,,	1010·0	986·5	...	79·5	66·8	58·8	16·9	50	...	1·7	...	0·1	0	0	2	1	1	0	0	0	0	0	0	28
Chota Nagpur																										
Purulia ...	0830	835	1014·7	985·5	...	71·1	63·4	57·7	16·7	64	...	1·2	...	2·3	0	0	29	7	2	0	0	0	4	7	9	1
	1730	,,	1010·8	982·1	...	75·9	65·7	58·7	17·2	56	...	2·2	...	0·4	0	0	6	2	1	0	1	0	0	0	2	24
Jamshedpur ...	0830	423	1014·5	999·3	-1·4	68·7	62·9	58·8	16·8	71	0	1·1	-1·1	2·2	0	0	25	0	0	1	0	0	1	18	5	5
	1730	,,	1010·5	995·8	...	76·7	66·0	58·5	17·3	54	...	1·5	...	1·0	0	0	13	3	3	1	0	0	0	4	2	17
Jamshedpur(P.B.O.)	0530	477	1013·3	996·3	...	62·5	59·8	58·2	16·5	84	...	1·5	...	0·5	0	0	5	0	0	0	0	0	0	1	2	25
	0830	,,	1014·7	998·0	...	71·2	64·4	60·7	17·3	70	...	1·4	...	2·7	0	0	23	0	2	0	0	0	2	13	6	7
	1130	,,	1013·1	996·6	...	78·9	66·6	59·3	17·2	52	...	1·9	...	3·4	0	0	23	4	3	0	0	1	1	9	5	7
	1730	,,	1010·8	994·2	...	76·7	65·8	59·3	17·8	56	...	2·0	...	0·6	0	0	6	4	1	1	0	0	0	0	0	24
	2330	,,	1012·8	996·2	...	66·1	62·1	59·7	17·9	80	...	1·0	...	1·1	0	0	7	2	0	0	0	0	2	2	1	23
Chaibasa ...	0830	742	1014·5	988·4	-1·3	69·5	63·0	57·8	16·7	67	-7	1·4	-0·6	0·3	0	0	4	1	1	0	0	0	1	0	1	26
	1730	,,	1010·5	984·8	...	76·9	65·0	56·3	15·6	50	...	2·6	...	0·1	0	0	3	0	2	0	0	0	1	0	0	27
Ranchi ...	0830	2150	902·1	940·5	-1·3	70·6	59·4	50·0	13·0	50	-8	0·4	-1·4	0·3	0	0	5	1	0	0	0	0	1	2	1	25
	1730	,,	900·0	938·1	...	70·5	59·7	51·6	12·9	52	...	0·8	...	0·1	0	0	1	0	0	0	0	0	1	0	2	29
Hazaribagh ...	0830	2006	901·9	945·6	-0·9	68·6	58·8	50·8	12·8	54	-3	1·0	-0·5	1·1	0	0	9	1	3	1	0	0	0	2	2	21
	1730	,,	899·3	942·8	...	70·2	59·3	50·9	12·7	51	...	1·6	...	1·9	0	0	20	5	1	1	0	0	0	0	13	10
Hazaribagh (C.W.)..	0530	2008	898·8	943·5	...	55·4	52·0	48·9	11·8	79	...	0·8	...	0·2	0	0	2	2	0	0	0	0	0	0	0	28
	0830	,,	902·3	945·6	...	71·8	60·1	50·7	13·6	49	...	0·6	...	1·1	0	0	11	4	4	0	0	1	0	1	1	19
	1130	,,	901·9	944·6	...	76·9	60·9	48·9	11·8	39	...	1·7	...	3·9	0	0	26	14	7	0	0	2	1	1	1	4
	1730	,,	899·0	942·7	...	66·7	58·2	51·3	12·7	58	...	1·1	...	0·7	0	0	10	5	2	0	0	0	0	2	1	20
	2330	,,	899·7	944·2	...	57·9	53·6	49·5	12·2	74	...	0·8	...	0·1	0	0	2	2	0	0	0	0	0	0	0	38
Daltonganj ...	0830	725	1015·2	989·8	-1·2	68·7	60·4	53·4	14·0	58	-18	0·8	-0·4	0·9	0	0	14	0	1	6	2	2	0	3	0	16
	1730	,,	1011·9	985·9	...	74·6	64·0	56·3	15·7	53	...	1·6	...	1·6	0	0	13	1	4	5	1	0	0	2	0	17

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1014·4	1010·0	−1·7	70·5	64·7	61·0	18·0	72	− 9	0·7	−0·3	1·2	0	0	16	0	2	5	0	1	3	4	1	14
	1730	,,	1010·6	1006·3	...	72·3	67·8	65·1	21·2	79	...	0·4	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Darbhanga ...	0830	161	1014·9	1009·0	−1·3	66·9	63·9	62·0	18·9	84	+ 9	0·3	−0·7	0·5	0	0	8	0	2	1	0	0	0	4	1	22
	1730	,,	1011·2	1005 5	...	74·5	68·3	64·5	21·1	71	...	0·1	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
Motihari ...	0830	218	1014·8	1006·8	−1·5	71·1	65·9	62·7	19·7	75	0	0·3	−0·4	0·4	0	0	6	0	0	4	0	0	0	2	0	24
	1730	,,	1011·4	1003·7	...	70·2	66·2	63·7	20 2	80	...	0·3	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Patna ...	0830	173	1014·7	1008·6	−1·5	72·3	63·8	57·6	16·4	61	− 4	0·2	−0·9	2·1	0	0	25	1	3	0	1	2	12	1	5	5
	1730	,,	1011·0	1005·0	...	77·3	65·9	57·8	16·5	52	...	0·2	...	1·1	0	0	14	0	3	0	0	0	5	6	0	16
Patna (Aerodrome)..	0530	196	1012·3	1005·3	...	58·3	56·7	55·1	15·1	90	...	0·5	...	0·4	0	0	4	0	0	0	0	1	0	2	1	26
	0830	,,	1014·1	1007·3	...	70·7	62·5	56·4	15·9	61	...	0·4	...	2·4	0	0	19	0	0	0	1	1	6	7	4	11
	1130	,,	1013·3	1006·5	...	81·1	65·7	54·0	14·6	40	...	0·8	...	4·3	0	0	26	1	3	2	1	4	5	4	6	4
	1730	,,	1010·7	1003·9	...	75·4	65·5	58·8	16·9	56	...	0·6	...	0·7	0	0	3	0	0	1	0	0	0	0	2	27
Dehri ...	0830	352	1014·3	1002·0	...	69·4	61·4	55·4	15·0	62	...	0·3	...	2·8	0	0	28	1	0	0	3	2	18	1	3	2
	1730	,,	1010·7	998·5	...	77·8	64·9	55·5	15·1	47	...	0·1	...	1·5	0	0	23	5	5	1	0	0	1	1	10	7
Gaya ...	0530	365	1012·3	999·2	...	58·7	55·9	53·3	13·8	82	...	0·6	...	1·5	0	0	18	0	0	0	15	3	0	0	0	12
	0830	,,	1014·4	1001·5	−1·7	68·9	60·9	54·5	14·6	61	− 3	0·7	−0·5	2·3	0	0	24	0	0	0	0	15	5	1	0	6
	1130	,,	1013·2	1000·7	...	81·3	64·4	51·1	12·9	37	...	1·2	...	2·9	0	0	23	4	2	0	0	1	3	5	8	7
	1730	,,	1010·6	997·9	...	76·6	63·2	52·0	13·6	44	...	1·0	...	0·4	0	0	5	1	0	0	0	0	0	0	4	25
	2330	,,	1012·7	999·7	...	63·8	58·7	54·3	14·7	71	...	0·7	...	0·9	0	0	13	0	0	1	9	2	1	0	0	17
Jamui ...	0830	270	1014·5	1004·8	...	67·7	62·6	58·8	17·2	73	...	1·1	...	1·3	0	0	15	0	0	3	4	0	0	0	8	15
	1730	,,	1011·7	1002·2	...	75·5	65·8	60·1	17·5	57	...	1·2	...	0·5	0	0	5	0	1	0	0	0	0	0	4	25
Dumka ...	0830	489	1014·6	997·5	−1·2	71·1	65·4	58·9	19·1	60	− 7	0·6	−0·6	2·2	0	0	30	8	6	2	1	0	1	7	5	0
	1730	,,	1010·8	993·8	...	77·5	67·2	60·6	17·9	57	...	1·2	...	2·0	0	0	28	10	3	2	2	2	0	7	2	2
Sabour ...	0830	122	1014·4	1010·0	−1·1	71·3	64·8	59·7	18·0	68	− 8	1·3	−0·1	2·1	0	0	22	2	5	0	1	0	9	3	2	8
	1730	,,	1010·8	1006·3	...	73·2	66·5	62·0	19·5	69	...	1·1	...	1·1	0	0	12	0	3	0	0	0	0	0	9	18
Bhagalpur ...	0530	160	1012·4	1006·6	...	64·0	61·1	58·7	17·0	83	...	1·2	...	1·3	0	0	15	0	2	0	1	4	5	3	0	15
	0830	,,	1014·6	1008·8	...	72·6	65·2	59·8	17·8	65	...	0·9	...	1·5	0	0	18	0	2	3	1	2	3	6	1	12
	1130	,,	1013·6	1007·8	...	78·4	67·6	60·4	17·9	55	...	1·9	...	2·9	0	0	25	0	4	4	1	1	1	12	3	4
	1730	,,	1011·0	1005·2	...	76·3	67·3	61·2	18·7	60	...	0·9	...	2·3	0	0	23	0	1	4	1	0	3	6	8	7
	2330	,,	1013·1	1007·2	...	68·0	63·5	60·4	18·0	77	...	0·7	...	1·9	0	0	17	0	2	1	0	4	6	4	0	13
U. P. East																										
Gonda ...	0830	330	1014·6	1002·0	...	62·6	57·4	53·4	13·7	71	− 4	0·1	−0·8	0·7	0	0	8	1	0	2	0	0	0	4	1	22
	1730	,,	1011·0	998·8	...	74·4	66·3	61·1	18·5	65	...	0·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Gorakhpur ...	0830	254	1014·3	1005·3	−1·6	69·9	61·0	52·7	14·3	55	−18	0	−0·6	0·1	0	0	2	1	1	0	0	0	0	0	0	28
	1730	,,	1010·9	1002·1	...	77·3	64·5	55·6	14·8	47	...	0	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
Gorakhpur (P.B.O.).	0530	257	1012·1	1002·6	...	57·9	55·8	53·9	14·4	87	...	0·2	...	0·4	0	0	4	0	0	0	0	1	1	1	1	26
	1130	,,	1013·5	1004·6	...	81·1	64·8	52·6	13·6	37	...	0·1	...	4·0	0	0	29	0	1	1	5	7	5	5	5	1
	2330	,,	1013·0	1003·8	...	62·5	59·2	56·7	16·0	82	...	0·2	...	0·5	0	0	3	1	0	1	0	0	0	0	1	27
Azamgarh ...	0830	255	1014·4	1005·0	...	67·5	59·9	54·5	14·3	59	...	0·1	...	0·2	0	0	3	0	1	0	0	0	2	0	0	27
	1730	,,	1010·0	1001·4	...	76·9	67·1	60·8	18·5	58	...	0	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Banaras ...	0830	250	1014·5	1005·6	−1·7	65·4	57·3	50·0	12·8	59	− 9	0·1	−0·9	3·5	0	0	29	0	1	1	1	4	10	10	2	1
	1730	,,	1011·0	1002·3	...	77·3	63·5	52·5	14·3	43	...	0·3	...	2·5	0	0	30	4	0	0	1	0	0	11	14	0
Banaras (Babatpur... Aerodrome)	0530	280	1012·8	1002·6	...	54·5	51·4	49·9	11·5	80	...	0·2	...	2·3	0	0	23	0	1	0	0	6	8	6	2	7
	0830	,,	1014·5	1004·9	...	69·2	58·9	49·8	12·4	51	...	0·1	...	4·0	0	0	28	0	1	0	3	1	11	7	5	2
	1130	,,	1014·0	1004·3	...	81·4	63·4	48·1	11·9	32	...	0·3	...	3·8	0	0	26	0	2	1	0	2	4	10	7	4
	1730	,,	1011·4	1001·6	...	77·1	62·1	49·5	13·3	39	...	0·4	...	2·1	0	0	22	1	2	0	1	0	2	7	9	8
	2330	,,	1013·1	1003·0	...	59·8	55·2	48·1	12·8	73	...	0	...	1·7	0	0	17	0	0	1	0	2	3	7	4	13
Allahabad (Bamrauli) ...	0530	322	1012·8	1001·2	...	56·6	52·7	49·0	11·7	75	...	0	...	1·7	0	0	20	0	0	1	1	5	6	6	1	10
	0830	,,	1014·7	1003·3	−1·5	66·9	57·5	49·3	11·9	53	−14	0·1	−1·0	2·8	0	0	27	0	0	1	2	2	10	9	3	3
	1130	,,	1013·9	1002·9	...	81·4	63·0	49·5	12·4	31	...	0·1	...	4·3	0	0	30	0	2	1	1	3	5	12	6	0
	1730	,,	1011·3	1000·1	...	77·5	62·9	51·1	13·7	40	...	0·1	...	1·6	0	0	21	6	2	0	0	0	0	4	9	9
	2330	,,	1013·2	1001·7	...	62·5	56·0	49·5	12·4	63	...	0·1	...	1·6	0	0	21	3	0	1	1	2	7	5	2	9
Fatehpur ...	0830	375	1015·5	1002·2	...	67·4	57·5	48·6	11·7	51	− 9	0	−1·0	0·9	0	0	13	0	0	0	1	0	0	10	2	17
	1730	,,	1011·9	998·9	...	78·4	62·4	49·2	12·1	36	...	0	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
Banda ...	0830	398	1015·5	1001·2	...	65·7	56·3	48·1	11·2	53	...	0·1	...	0·2	0	0	3	0	0	0	0	0	0	3	0	27
	1730	,,	1011·5	997·7	...	78·8	64·2	52·6	13·1	41	...	0	...	0·1	0	0	2	0	0	0	0	0	0	2	0	28
Orai ...	0830	463	1015·1	998·7	...	64·8	54·0	41·0	9·6	40	...	0·1	...	2·7	0	0	26	2	0	0	0	1	2	7	14	4
	1730	,,	1012·3	996·3	...	78·7	60·2	42·5	9·7	28	...	0·1	...	2·7	0	0	29	9	2	1	0	1	0	0	16	1
Kanpur ...	0830	414	1014·7	999·9	−1·5	64·2	56·5	49·6	12·1	61	− 6	0·1	−0·4	2·3	0	0	19	1	1	0	1	0	6	9	1	11
	1730	,,	1011·7	997·3	...	76·8	63·4	53·6	13·7	45	...	0	...	1·3	0	0	11	0	0	0	0	0	1	6	4	19
Lucknow ...	0830	371	1014·9	1001·6	−1·3	61·9	56·1	51·1	12·8	69	− 1	0	−0·8	0·6	0	0	9	1	2	0	1	0	2	2	1	21
	1730	,,	1011·5	998·4	...	75·1	64·1	50·6	15·4	53	...	0·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Lucknow (Amausi Aerodrome) ...	0530	419	1012·9	997·6	...	50·1	46·6	46·6	11·0	89	...	0	...	2·7	0	0	3	0	0	0	0	0	2	0	1	27
	0830	,,	1014·3	999·7	...	63·6	56·0	49·0	11·9	60	...	0·2	...	1·7	0	0	14	0	0	1	1	0	2	6	4	16
	1130	,,	1013·9	999·4	...	80·5	62·8	47·9	11·5	33	...	0	...	3·4	0	1	25	0	5	2	1	0	1	4	12	5
	1730	,,	1011·3	996·7	...	74·7	63·0	53·9	14·4	49	...	0·1	...	0·8	0	0	9	0	1	0	0	0	0	0	8	16
Mardoi ...	0830	467	1014·4	997·7	...	59·9	54·9	52·8	12·5	70	...	0	...	2·0	0	0	24	3	1	1	2	1	4	7	5	6
	1730	,,	1010·9	994·8	...	77·8	65·1	56·3	15·5	48	...	0	...	0·7	0	0	9	3	0	0	0	0	0	4	2	21
Lakhimpur Kheri ...	0830	483	1014·8	997·7	...	66·5	58·7	52·2	13·5	61	...	0·3	...	1·5	0	0	20	5	4	4	2	0	0	1	4	10
	1730	,,	1011·1	984·4	...	71·5	62·8	54·0	14·2	49	...	0·3	...	0·1	0	0	1	0	0	0	0	0	0	0	1	23
Bahraich ...	0830	407	1014·7	1000·2	−1·1	68·0	59·7	54·5	13·8	62	−11	0·1	−0·5	0·9	0	0	11	0	0	1	2	0	1	4	3	19
	1730	,,	1011·2	997·1	...	77·4	63·8	54·1	13·2	45	...	0·1	...	0·4	0	0	5	0	0	0	0	0	1	3	1	25

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1015·6	986·6	-1·2	68·3	55·3	41·8	9·1	39	-12	0·2	-0·6	0·8	0	0	8	0	0	1	1	0	0	4	2	22
	1730	..	1011·2	982·9	...	79·6	61·3	45·5	10·3	31	...	0·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Agra ...	0830	553	1015·1	995·2	-1·5	57·7	51·6	44·8	10·4	63	+ 9	0	-0·8	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	..	1011·6	993·9	...	80·7	62·5	46·5	10·9	31	...	0	...	0·1	0	0	2	0	0	0	0	0	0	1	1	28
Mainpuri ...	0830	516	1015·2	996·8	-1·0	64·5	57·3	51·3	12·7	62	+ 1	0·3	-0·5	0·7	0	0	10	0	0	0	0	0	1	5	4	20
	1730	..	1011·4	993·6	...	79·2	66·1	56·7	16·0	46	...	0	...	0·5	0	0	5	0	0	0	0	0	0	2	3	25
Aligarh ...	0530	615	1013·5	991·3	...	53·9	49·5	44·8	10·1	75	...	0·1	...	0·8	0	0	5	0	0	0	0	0	1	4	0	25
	0830	..	1015·1	993·1	...	61·4	53·7	52·9	10·6	57	+ 7	0·4	-0·2	0·3	0	0	5	0	0	0	0	0	0	5	0	25
	1130	..	1014·6	993·3	...	80·9	63·8	50·3	12·7	35	...	0·2	...	3·7	0	2	17	0	1	0	0	0	2	14	2	11
	1730	..	1011·5	990·3	...	78·1	63·1	52·4	13·0	41	...	0·1	...	0·3	0	0	2	0	0	0	0	0	0	2	0	28
	2330	..	1014·0	993·6	...	59·6	53·4	47·3	11·1	64	...	0	...	0·1	0	0	1	0	0	0	0	0	1	0	0	29
Bareilly ...	0830	568	1014·4	995·0	-0·9	64·9	56·9	49·7	12·3	59	-15	0·3	-0·4	0·3	0	0	5	0	0	1	1	0	0	2	1	25
	1730	..	1010·9	991·2	...	76·1	61·6	49·4	11·0	39	...	0·2	...	0·5	0	0	4	1	0	0	0	0	0	0	3	26
Bareilly (P.B.O.) ...	0530	565	1012·1	992·0	...	57·7	54·8	52·8	11·2	84	...	0	...	1·5	0	0	15	1	2	1	0	0	0	6	5	15
	1130	..	1013·7	994·1	...	77·8	61·3	49·6	11·0	38	...	0·3	...	3·1	0	0	25	1	2	0	4	3	0	9	6	5
	2330	..	1013·0	992·8	...	62·8	57·7	54·0	14·0	73	...	0·2	...	1·3	0	0	15	2	3	2	0	0	0	7	1	15
Meerut ...	0830	728	1015·3	989·4	-0·8	62·9	54·1	46·1	11·0	54	-15	0	-0·6	1·1	0	0	14	0	1	0	0	0	0	9	4	16
Roorkee ...	0830	899	1015·0	983·0	-1·4	59·7	53·4	47·3	11·4	64	-12	0·6	-0·1	0·6	0	0	9	0	1	0	3	0	1	0	4	21
	1730	..	1011·4	980·2	...	73·6	59·7	47·2	11·1	41	...	0·7	...	0·3	0	0	5	0	0	0	1	0	0	0	4	25
Dehra-Dun ...	0530	2,239	899·6	935·9	...	53·1	48·7	44·1	9·6	72	...	0·2	...	0·9	0	0	11	7	2	0	0	0	0	0	2	19
	0830	..	901·5	937·4	-1·5	59·5	52·3	44·1	10·9	61	-11	0·2	-0·9	0·6	0	0	9	1	1	0	0	0	2	5	0	21
	1130	..	903·0	937·9	...	73·3	57·7	44·0	9·2	35	...	0·7	...	1·6	0	0	23	0	0	0	0	6	12	5	0	7
	1730	..	900·3	935·5	...	67·8	59·7	51·2	14·1	59	...	0·4	...	0·2	0	0	2	0	0	0	0	0	1	0	1	28
	2330	..	900·9	936·9	...	58·3	51·9	46·1	10·1	63	...	0·2	...	2·3	0	0	25	10	14	0	0	0	0	0	1	5
Punjab (I)																										
New-Delhi ...	0530	710	1013·5	987·8	...	55·9	48·2	39·6	1·8	57	...	0·2	...	3·5	0	0	20	3	0	0	0	0	0	11	6	10
	0830	..	1015·2	989·8	-1·1	62·0	51·2	38·3	8·1	42	-8	0·5	-0·3	5·3	0	0	24	0	0	1	1	1	1	14	6	6
	1130	..	1014·5	989·0	...	78·9	59·3	40·5	8·6	26	...	0·1	...	6·2	0	3	24	1	0	3	2	1	0	9	11	3
	1730	..	1011·7	987·1	...	76·6	59·5	43·5	9·8	31	...	0·2	...	3·8	0	0	27	7	1	2	0	0	0	0	17	3
	2330	..	1013·9	988·5	...	59·5	51·3	41·9	9·4	53	...	0	...	2·1	0	0	14	2	0	0	0	3	0	4	5	16
Hissar ...	0830	725	1015·8	989·6	-1·1	55·5	48·1	39·2	8·2	55	+ 1	0	-0·6	1·8	0	0	22	1	2	2	3	2	7	2	3	8
	1730	..	1011·8	983·9	...	80·5	61·9	45·6	10·5	30	...	0·1	...	1·6	0	0	19	6	1	1	0	0	1	2	8	11
Karnal ...	0830	818	1015·2	986·0	...	56·2	50·0	43·0	9·5	28	...	0·2	...	0·4	0	0	4	0	0	0	0	0	1	0	3	26
	1730	..	1011·7	983·3	...	75·5	59·0	45·1	9·7	35	...	0·3	...	0·7	0	0	10	0	0	0	0	0	2	0	8	20
Ambala ...	0330	892	1015·0	982·8	-1·6	55·5	49·6	43·0	9·4	63	0	0·1	-0·9	1·6	0	0	19	7	1	5	2	0	1	0	3	11
	1730	..	1010·1	980·5	...	75·7	59·6	45·4	10·3	30	...	0·6	...	1·6	0	0	18	1	0	1	0	0	0	4	12	12
Ambala (P.B.O.) ...	0530	903	1013·2	980·8	...	57·8	51·6	46·1	10·4	65	...	0·1	...	2·3	0	0	16	2	0	4	0	0	0	0	10	14
	1130	..	1014·4	982·9	...	73·4	58·2	46·1	9·7	39	...	0·5	...	4·1	0	1	25	0	0	6	2	1	2	1	14	14
	2330	..	1013·7	981·7	...	64·0	54·4	46·4	10·3	53	...	0·3	...	3·3	0	0	20	1	1	1	0	0	2	15	10	
Patiala ...	0330	823	1015·0	985·6	...	61·6	52·6	42·6	9·5	51	...	0·4	...	1·8	0	0	21	7	1	2	6	0	0	1	4	9
	1730	..	1011·7	982·9	...	72·8	58·3	45·3	10·1	37	...	0·7	...	2·4	0	0	27	10	0	0	0	0	0	0	17	3
Ludhiana ...	0330	810	1015·0	985·9	-1·5	59·3	51·2	42·6	9·3	56	-8	0·4	-0·6	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	..	1011·8	984·2	...	78·4	61·5	48·9	11·1	36	...	0·6	...	0·1	0	0	2	0	0	0	0	0	0	1	1	28
Ferozepur ...	0830	657	1015·3	991·5	...	55·1	50·2	44·2	9·7	71	...	0·4	...	0·1	0	0	2	1	1	0	0	0	0	0	0	28
	1730	..	1011·9	989·2	...	77·4	63·1	52·5	13·1	42	...	0·8	...	0·2	0	0	2	1	0	0	0	0	0	0	1	28
Amritsar ...	0530	769	1014·3	986·1	...	47·0	44·7	42·1	9·1	83	...	0·5	...	2·6	0	0	25	5	1	3	1	0	6	6	3	5
	0830	..	1015·5	987·8	...	55·6	49·9	43·6	9·8	64	...	0·5	...	2·5	0	0	20	3	2	2	2	2	0	4	5	10
	1130	..	1015·1	988·4	...	75·2	59·1	44·0	9·9	33	...	0·5	...	5·8	0	2	27	6	2	1	2	1	2	3	12	1
	1730	..	1013·4	985·6	...	73·1	58·6	45·4	10·3	38	...	0·9	...	5·1	0	0	29	1	1	1	1	0	0	10	15	1
Pathankot ...	0830	1128	1015·1	975·0	...	59·3	50·1	39·4	8·2	45	...	0·8	...	1·9	0	0	27	0	7	18	2	0	0	0	0	3
	1730	..	1013·5	973·5	...	73·0	58·5	45·0	10·3	37	...	2·0	...	1·0	0	0	15	1	1	0	0	0	1	11	1	15
Jammu and Kashmir																										
Srinagar ...	0830	5,205	801·4	846·2	-0·4	35·7	33·5	30·5	5·7	82	-2	2·2	0	2·2	0	0	16	1	2	0	11	0	1	0	1	14
	1130	..	802·8	846·0	...	52·2	43·7	34·2	6·7	52	...	2·6	...	2·8	0	0	21	6	4	0	5	0	2	1	3	9
	1730	..	798·5	843·1	...	54·0	45·2	35·8	7·1	51	...	2·9	...	2·0	0	0	15	1	4	1	1	1	1	0	6	15
Gulmarg ...	0830	8709	...	...	...	Closed during winter months																				
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0330	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh ...	0530	11,529	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	..	711·8	667·9	-1·2	29·7	21·3	1·6	2·0	28	-28	2·4	-0·2	0·9	0	0	6	0	4	0	0	1	1	0	0	24
	1730	..	708·6	665·4	...	38·1	29·2	10·5	3·0	32	...	3·4	...	4·3	0	0	23	0	2	0	0	2	16	1	2	7
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0930	...	...	...	...	59·3	49·3	69·5	7·5	44	-12	0·6	-0·4	7·7	0	0	30	4	23	0	0	0	3	0	0	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1015·0	994·3	...	61·5	51·5	40·0	8·5	46	-9	0·1	-0·5	2·3	0	0	27	0	4	4	6	5	2	2	4	3
	1730	..	1011·1	992·0	...	79·7	61·5	45·1	10·5	30	...	0	...	1·5	0	0	23	8	4	1	0	0	0	2	8	7
Bikaner ...	0330	734	1015·3	988·8	-1·2	57·3	49·0	38·4	8·1	50	+5	0·3	-0·7	1·5	0	0	18	0	0	0	15	0	2	0	1	12
	1730	..	1011·2	986·6	...	84·5	67·7	54·3	15·5	37	...	0·2	...	1·9	0	0	24	0	12	0	2	0	2	0	8	6

(R) Register not received.

ivision and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1014·2	987·5	...	53·4	48·5	43·8	9·9	73	...	0·4	...	0·3	0	0	3	0	0	1	0	1	0	0	1	27
	1130	,,	1014·5	989·3	...	83·3	71·0	63·0	20·4	52	...	0·4	...	1·5	0	0	18	1	1	2	1	4	3	5	1	12
	2330	,,	1014·5	988·2	...	60·2	54·5	48·8	12·0	67	...	0·3	...	0·5	0	0	4	3	0	1	0	0	0	0	0	26
Jaisalmer ...	0830	793	1014·7	985·6	...	65·5	53·6	40·3	8·8	41	...	0	...	1·8	0	1	8	0	4	0	0	2	3	0	0	21
	1730	,,	1010·5	983·7	...	84·9	63·9	45·4	10·8	26	...	0·7	...	5·9	0	3	23	0	9	0	0	0	10	0	7	4
Jodhpur ...	0530	736	1013·9	987·5	...	58·7	48·1	34·0	6·8	41	...	0·2	...	2·9	0	0	20	0	19	1	0	0	0	0	0	10
	0830	,,	1015·5	989·3	+0·5	64·0	50·5	32·7	6·5	32	−10	0·3	−0·7	2·1	0	0	19	3	15	1	0	0	0	0	0	11
	1130	,,	1015·0	989·7	...	81·4	60·1	37·2	8·3	23	...	0·1	...	2·7	0	0	19	1	5	6	3	0	3	1	0	11
	1730	,,	1011·6	986·5	...	84·7	62·0	39·9	8·6	21	...	0·3	...	1·9	0	0	14	2	3	1	0	0	5	2	1	16
	2330	,,	1014·0	988·0	...	66·3	52·8	37·0	8·0	35	...	0·4	...	2·7	0	0	17	2	10	0	0	0	0	4	1	13
Phalodi ...	0830	767	1015·8	987·5	...	61·6	51·4	39·6	8·4	45	...	0·5	...	4·9	0	0	30	0	0	3	8	13	5	1	0	0
	1730	,,	1011·6	985·7	...	85·2	64·1	45·4	10·9	27	...	0·3	...	4·0	0	0	30	7	4	1	2	0	3	5	8	0
Barmer ...	0530	638	1012·9	990·3	...	64·3	58·4	53·5	11·0	69	...	0·2	...	2·1	0	0	17	2	0	1	1	0	0	0	13	13
	0830	,,	1014·8	992·2	−0·5	66·3	59·6	54·1	14·5	65	+16	0	−1·1	1·4	0	0	12	1	0	0	1	0	0	0	10	18
	1130	,,	1014·6	992·2	...	82·7	72·5	66·6	22·7	60	...	0·1	...	0·8	0	0	11	2	4	0	4	0	0	1	0	19
	1730	,,	1010·9	989·2	...	85·8	74·9	54·1	24·7	59	...	0·7	...	0·7	0	0	10	1	1	1	2	2	2	1	0	20
	2330	,,	1013·2	990·9	...	71·4	63·9	58·9	17·0	65	...	0·4	...	1·2	0	0	14	0	0	0	0	1	4	4	5	16
Rajasthan, East																										
Sikar ...	0830	1419	1015·7	965·7	...	60·4	54·1	48·1	11·4	66	...	0·2	...	1·0	0	0	15	0	0	0	10	3	2	0	0	15
	1730	,,	1011·6	963·4	...	79·0	67·0	59·0	17·2	50	...	0·4	...	1·3	0	0	19	5	1	0	0	0	0	5	8	11
Jaipur ...	0830	1431	1015·2	965·5	−1·4	68·0	55·9	43·8	10·5	42	−4	0·1	−0·6	2·2	0	0	18	5	2	6	2	1	1	0	1	12
	1130	,,	1014·0	965·6	...	82·1	59·6	39·2	8·3	23	...	0	...	3·5	0	0	27	1	1	1	1	4	11	3	5	3
	1730	,,	1011·3	962·8	...	80·3	62·1	46·2	10·6	31	...	0·2	...	1·9	0	0	22	4	0	0	0	0	2	10	6	8
Jaipur (Sanganer Aerodrome) ...	0530	1282	1013·9	968·2	...	56·4	47·6	36·3	7·3	47	...	0·4	...	2·3	0	0	16	5	4	3	0	0	0	0	4	14
	0830	,,	1014·9	970·0	...	65·9	53·3	39·3	8·3	38	...	0·2	...	2·8	0	1	16	2	2	6	1	0	0	0	6	13
	1130	,,	1013·8	970·2	...	80·7	59·6	37·5	15·6	23	...	0·1	...	3·5	0	0	20	2	0	2	1	3	5	4	3	10
	1730	,,	1010·6	967·4	...	79·7	59·5	39·1	8·3	24	...	0·3	...	3·0	0	0	22	1	0	0	1	0	0	0	15	8
	2330	,,	1013·7	968·8	...	61·9	50·3	36·2	7·3	39	...	0	...	3·1	0	0	19	1	5	2	1	0	0	0	10	11
Ajmer ...	0830	1593	1016·4	960·3	−1·0	60·2	50·0	39·2	10·1	46	−5	0·3	−0·5	0·3	0	0	4	1	1	0	0	1	0	1	0	26
	1730	,,	1011·4	957·5	...	79·1	56·8	33·6	5·8	20	...	0·3	...	0·6	0	0	8	3	1	0	0	0	1	3	1	23
Kotah ...	0530	843	1013·5	983·4	...	60·1	52·1	43·4	9·7	55	...	0·3	...	0·3	0	0	4	0	0	0	0	0	0	4	0	26
	0830	,,	1015·3	985·6	−1·2	65·7	54·3	43·9	9·4	44	−5	0·3	−0·7	0·2	0	0	2	0	0	1	0	0	1	0	0	28
	1130	,,	1014·3	985·4	...	82·4	60·6	39·0	7·8	22	...	0·1	...	0·7	0	0	9	2	0	1	1	1	1	3	0	21
	1730	,,	1011·1	982·4	...	83·4	61·7	41·3	8·7	23	...	0·1	...	0·9	0	0	10	2	0	0	1	0	1	0	8	20
	2330	,,	1013·7	984·0	...	66·9	55·3	43·8	9·9	43	...	0	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
Jhalawar ...	0830	1053	1016·0	978·5	−0·3	59·2	51·6	43·7	9·7	57	−2	0·3	−0·7	0·1	0	0	1	0	0	0	1	0	0	0	0	29
	1730	,,	1011·1	975·3	...	83·7	60·2	36·5	7·9	19	...	0·2	...	1·6	0	0	16	8	6	0	0	0	0	2	0	14
Udaipur ...	0530	1910	899·3	948·1	...	52·9	47·6	42·1	8·0	67	...	0·3	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
	0830	,,	901·5	949·5	−1·1	61·7	52·2	43·0	9·0	51	−5	0·3	−0·2	0	0	0	0	0	0	0	0	0	0	0	0	30
	1130	,,	903·5	949·8	...	81·1	59·6	41·2	7·7	24	...	0·1	...	1·6	0	0	16	0	4	2	6	2	1	1	0	14
	1730	,,	900·7	946·9	...	80·2	61·6	45·0	10·5	30	...	0·7	...	0·6	0	0	9	0	1	3	1	0	3	1	0	21
	2330	,,	900·6	948·7	...	59·1	51·3	43·8	9·2	57	...	0·1	...	0·1	0	0	2	1	0	0	0	0	0	0	1	28
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	1013·6	988·6	...	49·3	46·3	43·9	9·3	79	...	0·1	...	0·5	0	0	4	1	0	0	0	0	1	0	3	26
	0830	,,	1014·9	990·5	−1·3	66·2	54·7	42·7	9·5	44	−6	0·2	−0·6	1·2	0	0	9	2	0	0	0	2	1	0	4	21
	1130	,,	1014·1	990·5	...	81·7	59·6	36·0	7·5	21	...	0·1	...	4·0	0	0	26	8	3	2	0	5	1	1	6	4
	1730	,,	1011·4	987·7	...	77·9	60·8	46·5	10·5	34	...	0·1	...	2·0	0	0	21	10	0	0	0	1	0	0	10	9
	2330	,,	1014·1	989·3	...	54·9	50·6	45·2	10·7	69	...	0·1	...	0·5	0	0	6	0	0	0	0	3	2	0	1	24
Sheopur Kalan ...	0830	771	1014·1	986·6	...	61·4	52·4	42·2	9·4	49	...	0·5	...	0·6	0	0	8	0	0	0	0	3	4	1	0	22
	1730	,,	1010·3	984·3	...	81·6	62·9	46·5	11·2	30	...	0·1	...	0·2	0	0	2	1	0	0	0	0	0	0	1	28
Guna ...	0530	1571	1014·9	958·7	...	51·5	47·9	44·3	9·9	77	...	0·3	...	0·1	0	0	2	0	0	0	2	3	0	0	0	18
	0830	,,	1015·4	960·4	−1·1	61·7	53·6	47·6	10·7	60	0	0·6	−0·1	0·9	0	0	11	0	0	5	2	3	1	0	6	19
	1130	,,	1013·7	960·7	...	81·7	62·9	49·0	12·0	34	...	0·1	...	2·7	0	0	26	5	4	6	0	1	3	2	5	4
	1730	,,	1010·6	957·7	...	80·1	63·6	52·3	13·4	38	...	0·3	...	2·0	0	0	21	10	1	0	0	0	1	6	3	9
	2330	,,	1015·1	959·5	...	57·3	51·6	46·8	10·7	68	...	0	...	0·1	0	0	1	0	0	0	1	0	0	0	0	29
Neemuch ...	0830	1626	1015·8	959·4	−1·7	65·9	52·1	36·2	7·3	34	−14	0·3	−0·7	0·9	0	0	12	1	9	0	1	0	1	0	0	18
	1730	,,	1011·5	956·8	...	81·8	58·3	35·4	7·2	19	...	0·3	...	2·3	0	0	21	3	15	0	0	0	1	2	0	9
Ratlam ...	0830	1596	1015·0	959·5	...	67·3	58·7	51·6	14·2	57	...	0·7	...	3·9	0	0	25	5	10	6	0	0	0	2	2	5
	1730	,,	1010·5	956·9	...	82·7	69·0	61·0	18·7	49	...	2·0	...	4·8	0	0	29	7	11	5	0	0	0	4	1	1
Indore ...	0530	1861	898·4	948·7	...	55·6	48·1	40·1	8·4	55	...	0	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0830	,,	901·5	950·8	−1·7	68·3	55·1	42·8	9·7	40	−12	0·1	−1·1	0·9	0	0	10	1	3	1	2	1	2	0	0	20
	1130	,,	902·7	950·7	...	81·4	61·2	44·5	10·3	28	...	0	...	5·0	0	0	26	4	3	5	6	4	1	0	3	4
	1730	,,	899·5	947·8	...	78·9	60·1	44·9	10·2	30	...	0·2	...	2·7	0	0	22	8	9	4	0	0	0	1	0	8
	2330	,,	899·6	949·4	...	61·8	51·5	41·2	8·9	47	...	0	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
Bhopal (Bairagarh) ...	0530	1714	898·0	953·8	...	57·5	47·8	36·9	7·4	47	...	0	...	1·7	0	0	14	4	3	2	3	0	0	2	0	16
	0830	,,	901·0	955·8	−1·0	67·3	52·8	38·6	7·8	35	−21	0·1	−1·3	1·8	0	0	10	0	6	3	1	0	0	0	0	20
	1130	,,	902·2	955·6	...	81·0	57·3	33·3	6·5	18	...	0	...	7·1	0	1	28	3	11	7	2	4	0	1	1	1
	1730	,,	899·3	953·3	...	79·2	57·1	35·3	7·0	21	...	0	...	2·9	0	0	23	9	9	1	1	0	0	2	1	7
	2330	,,	899·3	954·5	...	63·3	50·6	39·8	7·5	8	...	0	..	2·7	0	0	18	7	3	4	1	2	1	0	0	12
Vindhya Pradesh																										
Nowgong ...	0830	750	1015·5	988·7	−1·3	59·3	52·1	44·8	10·3	59	−12	0·3	−0·9	2·1	0	0	22	0	0	0	0	13	8	1	0	8
	1730	,,	1011·1	985·4	...	80·5	61·6	44·8	11·0	29	...	0	...	1·3	0	0	17	1	10	0	0	0	0	0	6	13
Sutna ...	0830	1041	1015·2	978·5	−1·2	65·3	55·0	45·3	10·2	47	−15	0·2	−1·0	1·5	0	0	20	0	0	0	0	1	6	10	3	10
	1730	,,	1011·6	975·8	...	78·2	60·9	45·9	10·5	32	...	0·3	...	1·9	0	0	21	7	0	0	0	0	0	0	14	9

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS—NOVEMBER 1952.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F.			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1015·2	962·6	...	64·2	55·5	48·0	11·5	56	– 6	0·3	–1·7	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	,,	1010·8	959·6	...	75·8	62·1	53·3	13·6	44	...	0·1	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Madhya Pradesh, East																										
Gondia ...	0830	1026	1015·7	979·6	...	65·4	58·8	52·0	14·3	62	...	0·6	...	1·0	0	0	14	6	4	1	0	0	0	0	3	16
	1730	,,	1010·7	975·6	...	79·2	63·1	50·2	13·2	39	...	0·7	...	0·7	0	0	10	5	1	0	0	0	0	2	2	20
Pendra ...	0530	2048	899·6	942·7	...	56·9	50·2	43·4	9·7	61	...	0·3	...	0·7	0	0	9	4	1	0	0	0	1	0	3	21
	0830	,,	902·3	944·7	–1·1	66·2	54·7	44·2	10·0	46	–16	0·2	–1·8	0·4	0	0	6	4	0	0	0	1	1	0	0	24
	1130	,,	903·1	944·8	...	75·9	58·4	42·7	9·6	31	...	0·5	...	2·0	0	0	23	10	6	1	0	0	1	1	0	4	7
	1730	,,	900·1	941·8	...	73·6	58·4	45·1	10·6	37	...	0·5	...	1·3	0	0	19	14	0	0	0	1	1	0	3	11
	2330	,,	900·3	943·1	...	60·5	52·3	44·6	10·0	56	...	0·5	...	0·5	0	0	8	1	0	0	0	0	0	0	7	22
Raigarh ...	0830	723	1014·5	989·2	...	70·2	61·9	55·2	15·1	59	...	1·6	...	2·5	0	0	26	8	14	2	0	0	0	1	1	4
	1730	,,	1010·1	985·4	...	80·3	65·0	53·7	14·1	41	...	1·9	...	1·1	0	0	12	6	5	1	0	0	0	0	0	18
Ambikapur ...	0830	2005	902·2	946·5	...	63·2	57·2	53·6	13·6	67	...	0·6	...	1·3	0	0	15	2	2	0	1	1	8	1	0	15
	1730	,,	900·0	943·5	...	71·8	61·1	53·3	14·1	53	...	0·8	...	4·4	0	0	28	22	4	0	0	0	1	0	1	2
Champa ...	0830	805	1014·8	986·5	...	66·0	58·9	52·0	13·8	61	...	1·7	...	2·7	0	0	27	18	4	1	0	0	0	0	4	3
	1730	,,	1010·6	983·3	...	79·5	64·4	54·1	13·8	40	...	1·5	...	1·9	0	0	24	13	4	0	0	0	0	0	7	6
Raipur ...	0530	979	1013·0	978·4	...	61·7	56·5	52·1	13·5	71	...	1·6	...	0·5	0	0	6	5	0	0	0	0	1	0	0	24
	0830	,,	1014·8	980·7	–0·9	69·4	60·4	53·1	13·9	57	– 8	1·5	–0·2	1·3	0	0	15	11	1	0	0	3	0	0	0	15
	1130	,,	1013·3	979·8	...	79·9	65·3	54·7	15·4	42	...	1·0	...	2·3	0	0	25	7	7	6	0	1	1	2	1	5
	1730	,,	1010·7	977·2	...	78·7	65·2	55·4	15·8	45	...	1·3	...	0·4	0	0	5	1	3	1	0	0	0	0	0	25
	2330	,,	1013·1	978·9	...	68·6	59·9	52·9	14·1	58	...	0·7	...	0·4	0	0	4	0	1	0	0	1	1	0	1	26
Kanker ...	0830	1318	1015·2	969·1	–0·5	65·6	59·4	54·7	14·8	68	– 8	1·1	–1·2	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	,,	1010·5	965·7	...	78·8	65·9	56·9	16·6	48	...	1·6	...	0·2	0	0	3	2	1	0	0	0	0	0	0	27
Chanda ...	0830	634	1015·3	992·8	–0·4	66·9	59·9	54·2	14·4	65	– 5	0·7	–1·4	0·1	0	0	1	0	0	0	0	0	0	0	1	29
	1730	,,	1010·6	988·9	...	78·6	65·2	55·5	15·2	45	...	0·8	...	0·2	0	0	1	0	1	0	0	0	0	0	0	29
Sironcha ...	0830	405	1014·9	1000·4	...	65·7	61·4	57·9	16·9	75	...	1·5	...	1·5	0	0	20	9	5	1	1	1	0	0	3	10
	1730	,,	1010·8	996·8	...	81·0	66·3	56·2	16·1	43	...	1·0	...	1·9	0	0	27	10	11	4	1	1	0	0	0	3
Jagdalpur(P.B.O.)	0530	1813	897·8	949·9	...	56·5	55·2	54·1	14·3	92	...	1·5	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0830	,,	900·5	951·9	–0·6	63·3	59·0	55·7	15·3	76	– 3	1·6	–1·2	0·3	0	0	4	1	1	0	0	0	0	0	2	26
	1130	,,	901·1	951·1	...	77·3	62·2	51·4	13·0	40	...	1·8	...	2·8	0	0	23	3	13	1	5	0	0	1	1	7
	1730	,,	898·6	948·7	...	75·0	63·0	55·1	14·8	50	...	2·4	...	1·0	0	0	13	1	11	1	0	0	0	0	0	17
	2330	,,	899·1	950·1	...	61·8	58·3	56·1	15·2	81	...	1·2	...	0·3	0	0	3	0	1	0	1	0	0	0	1	27
Madhya Pradesh, West																										
Buldhana ...	0830	2133	902·2	941·4	...	68·1	55·6	44·5	10·1	43	...	0·3	...	2·8	0	0	29	1	0	6	4	8	5	4	1	1
	1730	,,	900·7	938·7	...	81·9	61·4	45·0	10·2	27	...	0·2	...	2·3	0	0	28	8	12	4	0	0	0	1	3	2
Akola ...	0830	925	1015·2	982·7	–0·5	66·1	54·6	42·9	9·5	43	–14	0·6	–1·2	1·7	0	0	24	1	2	0	3	6	6	4	2	6
	1130	,,	1013·3	981·8	...	82·9	62·6	44·9	10·2	27	...	0·4	...	4·1	0	0	30	0	8	7	7	1	2	1	4	0
	1730	,,	1009·6	978·3	...	86·3	63·1	42·0	9·3	22	...	0·4	...	1·6	0	0	19	3	5	5	2	0	0	1	3	11
Akola (Aerodrome) ...	0530	1015	1012·8	976·7	...	57·7	50·9	43·4	9·6	60	...	0·1	...	2·2	0	0	23	2	2	7	10	1	0	1	0	7
	2330	,,	1012·8	977·2	...	66·3	55·4	44·8	10·2	46	...	0·2	...	3·3	0	0	26	1	1	9	11	4	0	0	0	4
Amravati ...	0830	1213	1014·8	972·7	–0·7	70·4	56·7	43·4	9·5	38	–12	0·6	–1·2	2·6	0	0	27	0	15	11	0	0	1	0	0	3
	1730	,,	1009·7	968·9	..	85·3	62·3	46·7	8·8	21	...	0·5	...	2·3	0	0	27	3	6	10	4	1	0	2	1	3
Yeotmal ...	0830	1481	1014·6	963·6	...	72·3	60·3	50·8	12·5	48	...	2·4	...	4·8	0	0	29	0	13	3	6	0	5	0	2	1
	1730	,,	1010·5	960·3	...	77·5	63·4	53·5	13·7	44	...	2·2	...	1·6	0	0	18	0	13	1	3	0	1	0	0	12
Khandwa ...	0830	1044	1014·9	978·2	–1·0	66·2	55·8	46·3	10·5	49	– 9	0·1	–1·3	0·9	0	0	13	0	0	4	1	5	1	0	1	18
	1730	,,	1009·7	974·5	...	85·0	67·1	54·2	14·6	35	...	0·1	...	4·6	0	0	29	7	13	4	0	1	0	1	3	1
Hoshangabad ...	0830	992	1015·8	980·7	–1·1	63·1	53·9	44·4	10·1	51	–10	0·3	–1·1	0·7	0	0	9	0	1	5	2	1	0	0	0	21
	1730	,,	1010·3	976·3	...	83·3	62·6	44·0	10·1	26	...	0·2	...	1·3	0	0	18	0	7	4	4	0	3	0	0	12
Sagar ...	0830	1808	901·1	952·4	–1·1	67·5	52·8	37·4	7·1	34	–13	0·2	–1·1	5·1	0	1	23	2	5	5	5	3	1	1	2	6
	1730	,,	899·3	949·7	...	76·1	56·2	36·5	6·5	23	...	0·2	...	6·0	0	0	30	12	7	1	0	0	0	4	6	0
Jabalpur ...	0530	1289	1014·5	967·9	...	51·2	49·3	46·6	11·1	84	...	0	...	1·1	0	0	13	0	0	0	13	0	0	0	0	17
	0830	,,	1015·8	970·4	–0·6	62·6	54·7	47·4	11·1	57	–15	0·3	–1·0	3·4	0	0	28	0	0	0	27	0	1	0	0	2
	1130	,,	1013·5	969·6	...	79·7	61·4	45·3	10·4	30	...	0·4	...	4·1	0	0	27	2	7	1	6	3	2	3	3	3
	1730	,,	1010·8	966·9	...	78·2	62·2	49·0	11·9	36	...	0·2	...	2·1	0	0	22	3	12	2	2	0	2	0	1	8
	2330	,,	1014·5	968·7	...	57·0	52·9	41·0	11·8	74	...	0·1	...	0·9	0	0	8	0	0	0	8	0	0	0	0	22
Mandla ...	0830	1452	1016·8	965·2	...	55·9	52·6	49·6	12·3	80	...	2·2	...	0·6	0	0	9	4	1	1	1	0	0	0	2	21
	1730	,,	1010·8	961·3	...	75·4	60·7	49·5	12·2	40	...	0·7	...	1·1	0	0	13	4	3	2	1	0	0	0	3	17
Seoni ...	0830	2027	899·9	943·5	–2·6	64·1	54·9	46·6	11·0	55	– 2	0·4	–1·1	0	0	0	0	0	0	0	0	0	0	0	0	30
	1730	,,	899·1	943·0	...	78·1	62·5	51·0	13·0	41	...	0·4	...	2·1	0	0	17	7	6	3	1	0	0	0	0	13
Chhindwara ...	0830	2348	902·7	933·1	...	61·9	51·3	40·7	8·8	46	...	0·4	...	1·0	0	0	8	2	3	1	0	0	0	1	1	22
	1730	,,	900·9	935·1	...	78·8	56·7	34·0	6·8	20	...	0·3	...	3·4	0	0	26	9	6	1	1	0	0	2	7	4
Betul ...	0830	2144	902·8	941·7	...	67·4	54·8	43·4	9·6	42	...	0·3	...	1·1	0	0	13	0	1	10	2	0	0	0	0	17
	1730	,,	900·6	938·5	...	76·7	57·1	38·7	8·0	26	...	0·1	...	3·1	0	0	27	5	21	0	0	0	0	1	0	3
Nagpur ...	0530	1010	1013·6	977·4	...	56·4	50·8	44·8	10·2	66	...	0·3	...	1·4	0	0	15	4	0	0	0	0	1	10	15	
	0830	,,	1015·2	979·8	–0·8	68·5	57·8	47·4	11·7	43	– 8	0·8	–1·2	3·3	0	0	27	16	7	0	0	0	0	4	3	
	1130	,,	1013·5	979·1	..	82·7	65·0	52·8	13·2	35	...	0·7	...	4·7	0	0	28	0	9	7	3	2	2	3	2	2
	1730	,,	1010·3	975·9	...	81·2	63·7	49·3	12·2		...	0·6	...	2·1	0	0	18	0	3	7	5	2	0	1	0	12
	2330	,,	1013·9	978·1	...	61·6	54·1	46·2	10·9		...	0·4	...	2·0	0	0	19	4	0	0	0	0	0	1	14	11

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1014·7	999·0	−0·7	68·0	57·5	47·5	11·5	49	...	0·2	...	...	0	0	30	6	2	0	0	0	22	0	0	0
	1730	,,	1010·8	995·6	...	86·5	67·6	53·2	14·5	34	...	0·4	...	...	0	0	30	7	1	0	2	1	19	0	0	0
Surat ...	0530	39	1011·9	1010·5	...	63·5	57·6	52·4	13·6	68	...	0	...	2·6	0	0	22	1	7	5	8	0	0	0	1	8
	0830	,,	1014·1	1012·7	−0·1	70·3	60·6	53·2	13·7	55	− 3	0	−1·4	2·5	0	0	26	0	8	7	11	0	0	0	0	4
	1130	,,	1013·7	1012·4	...	88·0	67·6	53·5	13·8	31	...	0	...	4·2	0	0	28	3	11	7	1	0	0	1	5	2
	1730	,,	1010·3	1009·0	...	89·4	70·2	53·1	16·6	35	...	0·1	...	2·8	0	0	29	2	2	0	2	0	4	7	12	1
	2330	,,	1012·4	1011·0	...	71·0	62·9	56·7	16·0	62	...	0	...	2·9	0	0	25	8	5	1	2	0	0	1	8	5
Ahmedabad ...	0530	182	1012·2	1005·8	...	61·0	54·0	47·1	11·1	60	...	0·4	...	3·8	0	0	27	10	11	4	0	0	0	2	0	3
	0830	,,	1014·3	1007·9	−0·9	68·5	57·9	48·3	11·7	49	− 6	0·3	−0·6	5·3	0	0	28	5	7	12	1	0	0	0	3	2
	1130	,,	1014·2	1008·0	...	84·5	65·8	51·6	13·3	33	...	0·1	...	6·3	0	0	29	2	9	13	2	0	1	0	2	1
	1730	,,	1010·8	1004·6	...	87·6	66·3	50·0	12·4	28	...	0·1	...	3·7	0	0	27	2	10	4	1	0	0	3	7	3
	2330	,,	1012·9	1006·5	...	67·1	58·0	50·2	12·4	55	...	0	...	2·2	0	0	20	4	5	2	2	0	1	0	6	10
Dohad ...	0830	1093	1015·0	976·7	...	66·7	54·8	42·0	9·3	41	−23	0·1	−1·4	3·1	0	0	23	1	8	7	4	3	0	0	0	7
	1730	,,	1010·1	973·4	...	86·3	62·2	40·0	8·6	20	...	0·1	...	4·5	0	0	25	6	3	3	6	1	10	1	1	5
Baroda ...	0530	115	1012·3	1008·2	...	56·7	53·4	50·3	12·5	80	...	0·1	...	0·5	0	0	6	1	4	1	0	0	0	0	0	24
	0830	,,	1014·3	1010·2	...	63·5	56·8	51·0	12·8	65	+ 1	0·1	−1·0	0·5	0	0	8	1	4	1	1	0	1	0	0	22
	1130	,,	1014·1	1010·1	...	86·7	67·8	54·5	14·7	34	...	0	...	1·5	0	0	16	0	7	5	2	2	0	0	0	14
	1730	,,	1010·7	1006·8	...	86·6	69·8	59·1	17·3	40	...	0·1	...	1·7	0	0	23	5	5	1	0	0	1	5	6	7
	2330	,,	1012·7	1008·6	...	64·2	57·8	52·4	13·5	66	...	0	...	0·8	0	0	10	4	5	1	0	0	0	0	0	20
Baroda (Aerodrome) ...	0530	124	1012·3	1007·9	...	60·6	53·2	45·7	10·5	58	...	0·1	...	0·7	0	0	8	5	0	0	1	0	0	1	1	22
	0830	,,	1014·3	1009·9	...	67·2	56·6	46·7	10·9	49	...	0·1	...	1·3	0	0	13	4	2	0	3	0	1	2	0	18
	1730	,,	1010·5	1006·3	...	88·5	65·8	47·4	11·5	25	...	0·1	...	3·4	0	0	28	5	2	1	0	0	4	3	13	2
	2330	,,	1012·4	1008·1	...	69·8	57·6	45·5	10·8	44	...	0	...	2·0	0	0	18	9	1	0	1	0	1	2	4	12
Broach ...	0830	57	1013·6	1011·5	...	64·1	56·0	48·6	11·7	58	...	0	...	2·0	0	0	26	0	5	4	8	2	5	0	2	4
	1730	,,	1009·9	1007·9	...	92·1	65·4	42·4	9·4	18	...	0·1	...	3·3	0	0	30	4	12	0	0	1	5	3	5	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1015·1	1002·9	−0·9	67·9	61·2	55·5	15·4	67	+19	0	−0·9	0·2	0	0	3	1	0	0	0	0	1	1	0	37
	1730	,,	1011·5	999·8	...	87·1	64·1	43·2	10·1	23	...	0·2	...	2·6	0	0	22	6	4	1	0	0	1	5	5	8
Bhuj (P.B.O.) ...	0530	347	1012·7	1000·5	...	66·6	58·6	52·0	13·3	62	...	0	...	0·4	0	0	2	0	0	0	0	1	0	1	0	28
	0830	,,	1014·2	1002·0	...	70·1	61·4	55·6	14·7	61	...	0·4	...	0·5	0	0	5	2	0	0	0	0	2	1	0	25
	1130	,,	1014·2	1002·3	...	82·6	64·3	51·3	12·3	37	...	0	...	3·2	0	0	26	7	8	3	1	0	2	2	3	4
	1730	,,	1011·1	999·3	...	84·9	62·0	44·1	8·6	26	...	0·4	...	2·0	0	0	16	3	4	1	1	0	1	4	2	14
	2330	,,	1013·1	1000·9	...	71·3	60·3	51·3	12·9	53	...	0·1	...	0·3	0	0	5	0	0	0	0	1	3	1	0	25
Dwarka ...	0830	37	1014·6	1013·3	−0·4	72·0	67·8	65·0	21·4	79	+12	0·4	−0·9	4·3	0	0	27	14	4	4	1	0	0	0	4	3
	1730	,,	1012·1	1010·8	...	79·3	69·6	62·7	20·3	61	...	0	...	9·6	0	1	29	5	3	0	0	0	0	4	18	0
Jamnagar ...	0530	74	1012·0	1009·4	...	63·0	58·6	54·5	14·8	76	...	0·2	...	4·7	0	0	29	1	2	2	8	6	4	3	3	1
	0830	,,	1013·7	1011·1	−1·1	68·5	61·6	55·8	15·6	66	+ 3	0·5	−0·4	3·5	0	0	28	0	1	4	8	8	5	2	0	2
	1130	,,	1014·1	1011·6	...	82·6	67·0	55·4	15·6	41	...	0·2	...	7·4	0	2	27	5	13	2	0	0	0	4	5	1
	1730	,,	1010·7	1008·1	...	84·5	66·6	53·7	14·2	37	...	0·2	...	8·8	0	3	27	8	7	0	0	0	0	5	10	1
Rajkot ...	0830	433	1014·2	998·9	−0·6	67·1	58·9	51·0	13·4	59	+ 8	0·7	−0·4	2·1	0	0	20	4	6	4	1	0	1	1	3	10
	1730	,,	1010·2	995·5	...	89·3	63·8	40·3	8·7	19	...	0·3	...	7·1	0	2	28	10	11	3	1	0	0	0	5	0
Rajkot (Aerodrome) ...	0530	439	1012·6	996·9	...	61·2	55·7	49·2	12·7	69	...	0·8	...	3·5	0	0	30	2	2	3	8	6	5	2	2	0
	0830	,,	1014·5	999·0	...	68·7	61·3	54·2	15·2	64	...	0·8	...	3·2	0	0	24	3	5	4	2	1	1	2	6	6
	1130	,,	1014·0	999·0	...	84·8	69·2	57·3	17·3	43	...	0	...	8·5	0	1	28	5	16	3	0	0	0	1	4	1
Veraval ...	0530	26	1011·9	1011·0	...	62·7	57·2	51·9	13·5	70	...	0	...	7·2	0	0	30	17	10	0	0	0	0	0	3	0
	0830	,,	1013·8	1012·9	−0·2	70·5	60·9	52·0	13·9	56	+ 4	0·1	−1·0	7·1	0	0	30	11	14	1	0	0	0	0	4	0
	1130	,,	1013·9	1013·0	...	87·0	67·1	50·4	13·7	34	...	0·1	...	7·9	0	0	30	4	7	1	2	3	2	7	4	0
	1730	,,	1010·9	1010·0	...	80·2	72·5	68·5	23·8	68	...	0·2	...	10·1	0	8	22	0	0	0	0	3	7	9	11	0
	2330	,,	1013·0	1012·1	...	68·5	63·3	59·6	17·5	74	...	0·1	...	5·0	0	0	29	10	9	3	0	0	0	0	7	1
Bhavnagar ...	0830	55	1014·8	1012·8	+0·1	65·8	56·7	47·8	11·7	54	+ 5	0·2	−1·3	2·1	0	0	24	0	0	0	0	0	10	12	2	6
	1730	,,	1011·0	1009·1	...	88·7	70·7	59·9	17·5	40	...	0·2	...	2·8	0	0	29	3	8	13	4	1	0	0	0	1
Bhavnagar (Aerodrome) ...	0830	35	1014·1	1012·9	...	70·7	57·7	44·7	10·4	41	...	0·3	...	7·1	0	1	27	8	0	0	0	0	0	3	17	2
	1130	,,	1014·1	1012·9	...	83·2	65·5	52·0	13·5	35	...	0	...	8·7	0	3	27	0	15	15	0	0	0	0	0	0
Konkan																										
Dahanu ...	0830	15	1013·0	1012·5	...	70·9	66·2	63·0	19·9	77	...	0·4	...	6·7	0	0	29	0	0	15	14	0	0	0	0	1
	1730	,,	1010·3	1009·8	...	81·6	78·5	77·1	31·9	86	...	0	...	10·9	0	6	24	13	0	0	0	0	0	2	15	0
Bombay (Colaba) ...	0830	35	1013·3	1012·1	0	75·1	69·5	66·5	22·1	74	+ 1	0·6	−1·2	5·7	0	0	30	1	12	16	1	0	0	0	0	2
	1130	,,	1013·3	1012·1	...	82·3	71·4	65·2	21·3	57	...	0·6	...	4·3	0	0	28	2	9	12	2	2	0	0	1	0
	1730	,,	1010·2	1009·0	...	80·5	73·1	69·3	24·5	69	...	0·3	...	7·9	0	0	30	3	0	0	0	0	0	3	24	0
Bombay (Santa Cruz Aerodrome) ...	0530	27	1011·2	1010·3	...	64·2	61·3	58·9	17·2	84	...	0·1	...	0·6	0	0	6	0	2	3	0	1	0	0	0	24
	0830	,,	1013·3	1012·4	0	72·2	65·1	60·2	17·9	67	+ 7	0·3	−1·5	2·4	0	0	16	0	2	6	5	3	0	0	0	14
	1130	,,	1013·3	1012·4	...	86·0	68·5	56·3	15·9	38	...	0·4	...	4·7	0	0	27	1	6	9	5	1	0	0	5	3
	1730	,,	1010·1	1009·2	...	83·3	70·4	62·5	19·6	51	...	0·2	...	9·6	0	0	30	5	0	0	0	0	0	1	24	0
	2330	,,	1012·2	1011·3	...	68·8	64·7	61·6	19·0	79	...	0	...	0·9	0	0	9	1	2	5	1	0	0	0	0	21
Alibag ...	0830	23	1013·3	1012·5	+0·2	73·1	67·7	64·3	20·7	75	+ 8	0·3	−2·0	0·2	0	0	3	0	0	3	0	0	0	0	0	27

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—contd.																										
Harnai ...	0830	66	1013·0	1010·7	...	76·2	67·3	61·3	18·8	62	...	1·2	...	2·4	0	0	19	4	5	3	2	3	0	0	2	11
	1730	..	1010·0	1007·7	...	79·3	73·7	71·0	25·9	76	...	0·9	...	12·3	0	0	8	22	7	0	0	0	0	1	22	0
Ratnagiri ...	0830	116	1012·7	1008·7	0	72·7	65·4	59·8	18·1	67	...	1·3	...	...	0	0	30	0	4	25	0	0	0	0	1	0
	1730	..	1009·5	1005·5	...	80·3	73·1	69·2	24·6	70	...	1·0	...	...	0	1	29	3	1	0	0	0	0	10	16	0
Devgad ...	0830	117	1013·7	1008·6	...	70·8	65·6	61·7	19·2	75	...	1·5	...	6·2	0	0	30	2	4	22	2	0	0	0	0	0
	1730	..	1009·4	1005·4	...	80·5	74·6	71·5	26·5	75	...	1·3	...	10·4	0	6	24	2	0	0	0	0	0	5	23	0
Vengurla ..	0530	29	1011·0	1010·0	...	64·8	63·3	62·2	19·2	92	...	0·1	...	...	0	0	8	1	6	1	0	0	0	0	0	22
	0830	..	1013·1	1012·1	...	72·1	66·0	61·7	19·1	72	...	1·7	...	...	0	0	6	1	3	2	0	0	0	0	0	24
	1130	..	1012·7	1011·7	...	86·2	70·3	59·5	18·1	44	...	0·8	...	...	0	0	23	1	4	3	1	0	4	5	3	7
	1730	..	1009·7	1008·7	...	82·6	73·4	66·9	23·5	60	...	1·0	...	...	0	0	11	0	0	0	0	2	3	7	1	19
	2330	..	1012·0	1011·0	...	68·7	66·3	64·7	21·0	88	...	0·5	...	...	0	0	2	1	0	0	0	0	0	1	1	28
Marmagao ...	0830	202	1013·0	1006·0	+0·4	74·8	67·1	62·0	19·2	66	- 3	1·6	-1·1	4·5	0	0	30	1	9	14	4	1	0	0	1	0
	1730	..	1009·5	1002·5	...	79·3	73·1	70·1	25·0	73	...	1·5	...	5·7	0	0	30	0	0	0	0	1	2	16	12	0
Honavar ...	0830	85	1012·6	1009·7*	...	74·1	66·5	61·8	18·8	67	...	2·0	...	3·1	0	0	27	0	1	24	1	0	0	1	0	3
	1730	..	1009·0	1006·1	...	82·0	73·4	68·8	24·2	65	...	1·9	...	3·6	0	0	30	2	1	1	0	0	1	13	12	0
Deccan (Desh)																										
Jalgaon ...	0830	660	1015·2	991·8	...	65·8	52·7	37·8	7·7	36	...	0·2	...	4·8	0	0	25	0	2	14	8	1	0	0	0	5
	1730	..	1009·8	987·4	...	89·2	63·3	38·0	8·2	17	...	0·2	...	3·7	0	0	28	2	6	8	3	1	1	0	7	2
Malegaon ...	0830	1432	1014·9	965·4	-0·3	70·7	55·4	37·2	8·1	31	-27	0·1	-1·8	0·7	0	0	11	0	0	0	1	0	3	1	6	19
	1730	..	1008·9	961·3	...	85·6	50·5	33·0	6·8	16	...	0	...	0·8	0	0	13	0	12	1	0	0	0	0	0	17
Deolali ...	0830	1875	901·2	950·3	...	63·8	55·2	48·0	11·4	57	...	0·4	...	1·4	0	0	13	11	2	0	0	0	0	0	0	21
Ahmednagar ...	0830	2154	902·3	940·8	-0·7	67·4	54·5	42·2	9·3	40	-19	0·6	-1·2	0·8	0	0	9	0	2	0	0	0	0	0	7	4
	1730	..	900·3	937·5	...	83·8	61·7	43·7	9·8	25	...	0·5	...	2·9	0	0	26	4	15	3	0	0	0	0	4	30
Poona ...	0530	1835	898·1	949·4	...	56·0	53·8	51·8	13·2	86	...	0	...	0	0	0	0	0	0	0	0	0	0	0	0	30
	0830	..	900·7	951·5	-0·4	61·9	56·5	52·2	13·4	71	- 2	0·4	-1·5	0	0	0	0	0	0	0	0	0	0	0	0	14
	1130	..	902·0	950·8	...	81·7	61·2	44·4	10·1	27	...	0·4	...	2·1	0	0	16	0	1	11	4	0	0	0	0	26
	1730	..	899·1	947·5	...	84·2	62·7	45·9	10·7	27	...	0·6	...	0·3	0	0	4	0	0	2	0	0	2	0	0	29
	2330	..	899·4	950·0	...	64·3	58·0	53·2	13·9	68	...	0·1	...	0·1	0	0	1	0	0	0	0	0	0	1	0	29
Poona (Lohagaon Aerodrome) ...	0530	1947	898·7	945·5	...	58·4	53·2	48·4	11·7	69	...	0·1	...	1·1 (n)	0	0	9	0	1	2	0	0	1	4	1	21
	0830	..	901·3	947·6	...	65·1	56·5	49·4	12·1	58	...	0·6	...	1·4 (n)	0	0	12	2	1	3	0	0	0	3	3	18
	1130	..	902·4	947·3	...	81·7	60·2	40·9	9·1	24	...	0·6	...	6·5 (n)	0	1	25	0	1	14	7	3	1	0	0	4
	1730	..	899·5	943·8	...	85·3	60·4	37·8	7·9	19	...	0·5	...	5·1 (n)	0	0	23	2	4	9	1	1	0	5	1	7
	2330	..	900·1	946·2	...	66·5	56·7	48·1	11·8	53	...	0·1	...	1·6	0	0	10	0	1	3	0	0	0	7	2	20
Jeur ...	0830	1709	900·4	955·3	...	67·2	56·7	47·9	11·5	51	...	0·5	...	1·3	0	0	19	4	5	3	0	0	2	3	2	11
	1730	..	898·7	951·4	...	86·8	67·7	55·3	15·4	36	...	0·9	...	4·0	0	0	28	8	11	7	1	0	0	0	1	2
Sholapur ...	0530	1570	1013·3	958·3	...	59·9	51·3	42·9	9·1	54	...	0·1	...	0·3	0	0	2	1	1	1	0	0	0	0	0	28
	0830	..	1014·5	960·3	-0·2	70·0	56·8	45·5	10·4	42	-15	0·3	-1·9	0·9	0	0	11	3	6	1	1	0	0	0	0	19
	1130	..	1012·5	959·7	...	82·9	61·2	43·5	9·6	25	...	0·8	...	4·3	0	0	27	2	11	2	5	5	1	0	1	3
	1730	..	1008·4	956·1	...	85·9	62·1	42·3	9·4	22	...	1·2	...	3·1	0	0	24	4	19	0	0	0	0	0	1	6
	2330	..	1012·8	958·8	...	69·2	54·8	41·2	8·9	37	...	0·5	...	1·3	0	0	12	1	11	0	0	0	0	0	1	18
Miraj ...	0830	1817	900·9	951·7	-0·3	67·6	57·5	49·4	12·1	53	- 9	0·8	-2·0	2·5	0	0	19	5	5	5	0	0	0	1	3	11
	1730	..	898·9	947·9	...	84·9	63·7	47·8	11·6	28	...	1·2	...	3·7	0	0	25	1	10	8	0	2	2	1	1	5
Kolhapur ...	0530	1870	898·4	947·9	...	60·1	55·2	50·8	12·9	73	...	0·2	...	1·1	0	0	13	0	1	5	0	0	2	5	0	17
	0830	..	900·8	949·8	...	65·9	57·7	50·7	12·9	60	...	0·9	...	1·4	0	0	9	0	4	4	0	0	0	1	0	21
	1130	..	901·7	949·2	...	81·0	62·2	47·7	11·5	32	...	1·1	...	9·7	0	7	21	0	8	19	1	0	0	0	0	2
	1730	..	898·8	945·9	...	84·6	62·3	44·3	10·1	25	...	1·1	...	5·1	0	1	21	0	9	6	1	0	0	6	0	8
Bijapur ...	0830	1950	901·5	947·1	-0·5	70·8	58·5	48·3	11·3	46	-16	0·4	-2·3	1·7	0	0	22	3	2	5	7	5	0	0	0	8
	1730	..	899·2	943·4	...	84·6	60·8	39·8	8·6	21	...	1·5	...	2·2	0	0	28	4	13	0	0	0	0	0	1	2
Belgaum * ...	0830	2562	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
*	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gadag ...	0830	2131	902·3	941·1	0	74·2	61·9	53·1	13·9	49	-16	4·1	+1·3	4·7	0	0	27	0	9	16	0	0	0	1	1	3
	1730	..	899·5	937·5	...	83·5	65·0	52·8	13·5	35	...	4·4	...	4·1	0	0	28	2	12	11	0	1	0	1	1	2
Gadag (P.B.O.) ...	0530	2150	899·3	938·2	...	63·3	57·6	53·8	13·9	73	...	0·4	...	...	0	0	4	0	0	2	0	0	0	2	0	26
	0830	..	902·1	940·3	...	72·6	62·4	56·6	15·1	58	...	1·2	...	...	0	1	14	0	2	11	1	0	0	1	0	15
	1130	..	902·3	939·8	...	82·0	66·0	57·4	15·3	44	...	1·9	...	...	0	1	15	0	7	9	0	0	0	0	0	14
	1730	..	899·5	936·8	...	82·9	66·8	58·3	29·0	44	...	1·4	...	...	0	1	11	1	7	4	0	0	0	0	0	18
	2330	..	900·7	939·2	...	68·7	60·2	54·9	14·4	62	...	1·0	...	...	0	0	4	0	3	0	0	0	1	0	0	26
Hyderabad, North																										
	0830	1905	901·4	949·3	-1·1	63·7	53·0	42·9	9·5	47	- 7	0·5	-1·7	1·3	0	0	17	0	5	11	0	0	0	1	0	13
Aurangabad ...	1730	..	900·1	946·0	...	85·8	62·3	43·2	9·7	23	...	0·4	...	5·2	0	0	29	5	10	8	1	1	1	1	2	1
	0530	1898	897·9	947·4	...	49·7	43·0	34·3	6·7	55	...	0·1	...	0·5	0	0	4	1	0	0	0	1	0	0	2	26
Aurangabad (Chikalthana Aerodrome) ...	0830	..	902·1	949·5	...	71·6	55·9	41·2	8·9	34	...	0·2	...	1·2	0	0	7	1	0	1	4	0	1	0	0	33
	1130	..	902·7	949·2	...	81·8	59·5	39·3	8·4	23	...	0·2	...	5·1	0	1	22	0	8	6	7	2	0	0	0	7
	1730	..	899·7	945·9	...	83·4	61·2	42·2	9·5	24	...	0·2	...	2·7	0	1	14	5	3	4	1	1	0	0	1	15
	2330	..	899·2	948·0	...	57·6	47·4	35·2	7·0	43	...	0	...	0·1	0	0	2	0	0	0	1	0	0	1	0	28
	0830	1393	1015·3	966·8	...	67·2	56·1	45·5	10·4	45	...	0·4	...	...	0	0	9	1	4	3	1	0	0	0	0	21
Parbhani ...	1730	..	1009·8	963·1	...	83·6	63·0	44·7	10·4	26	...	0·7	...	...	0	0	11	7	3	1	0	0	0	0	0	19
	0830	513	1014·5	996·4	...	69·6	60·6	54·2	14·0	59	...	1·1	...	1·8	0	0	19	6	2	1	2	0	0	0	8	11
Ramagundam ...	1730	..	1010·1	992·5	...	83·2	64·2	48·7	11·9	31	...	1·6	...	4·3	0	0	25	2	16	2	1	0	1	1	2	5

* Data not reliable. (n) Mean of 17 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations								
																		Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1014·2	970·9	-0·4	69·5	60·5	53·0	13·9	55	-13	1·6	-0·6	0·2	0	0	3	0	1	0	0	0	0	0	2	27
	1730	,,	1009·6	967·3	...	80·9	65·2	52·2	14·2	40	...	1·7	...	0·7	0	0	11	6	5	0	0	0	0	0	0	19
Bidar ...	0830	2178	902·0	939·3	...	70·4	58·1	48·1	11·5	46	-14	1·1	-1·4	5·5	0	0	30	2	7	14	4	2	1	0	0	0
	1730	,,	899·7	936·3	...	78·8	59·7	43·4	9·8	29	...	1·2	...	6·9	0	2	28	5	19	6	0	0	0	0	0	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1014·2	962·3	-0·5	70·1	57·5	47·0	11·1	44	-17	0·9	-1·2	5·2	0	0	29	4	14	10	0	0	0	1	0	1
	1730	,,	1008·6	958·0	...	84·8	61·6	41·7	9·4	23	...	1·3	...	6·5	0	0	29	3	13	11	0	0	0	0	2	1
Raichur ...	0830	1311	1013·6	968·5	-0·4	73·2	60·8	50·7	12·6	45	-19	1·5	-0·9	4·7	0	0	27	1	12	10	2	0	1	0	0	3
	1730	,,	1008·4	964·7	...	84·4	62·7	43·1	9·7	24	...	1·7	...	5·3	0	0	30	3	13	12	0	0	0	0	2	0
Hyderabad (Nizamiah) ...	0830	1778	900·8	952·9	-0·5	68·4	59·3	52·6	13·5	57	-12	1·3	-1·7	1·4	0	0	12	4	3	1	3	0	0	0	1	18
	1730	,,	899·0	949·9	...	79·4	61·7	47·9	11·6	34	...	1·4	...	6·3	0	0	29	7	16	4	2	0	0	0	0	1
Hyderabad (Begumpet) ...	0530	1787	897·9	951·0	...	55·6	52·3	49·4	12·1	80	...	0·9	...	3·4	0	0	22	12	8	1	0	0	0	0	1	8
	0830	,	901·4	953·4	...	70·6	60·2	52·8	13·6	54	...	1·3	...	2·5	0	0	15	6	4	2	2	1	0	0	0	15
	1130	,,	901·6	952·3	...	80·0	61·9	48·1	11·6	33	...	1·3	...	2·7	0	0	28	4	13	8	2	1	0	0	0	2
	1730	,,	899·1	949·7	...	79·4	60·9	43·9	10·8	31	...	1·5	...	6·1	0	0	30	11	14	4	1	0	0	0	0	0
	2330	,,	899·4	951·9	...	61·9	55·8	50·3	12·7	66	...	0·8	...	3·9	0	0	25	14	7	1	0	0	0	0	3	5
Hanamkonda ...	0830	881	1014·4	983·7	-0·6	70·4	61·4	54·6	14·5	57	-12	1·0	-2·1	2·9	0	0	24	9	5	0	2	4	0	3	1	6
	1730	,,	1010·1	980·1	...	81·6	64·1	50·4	12·5	34	...	0·8	...	3·1	0	0	29	6	23	0	0	0	0	0	0	1
Khammameth ...	0830	367	1014·0	1001·0	...	69·1	62·7	58·1	16·6	68	...	1·8	...	1·9	0	0	26	24	1	0	0	0	0	1	0	4
	1730	,,	1009·6	996·7	...	85·5	66·8	53·3	14·0	34	...	1·9	...	2·1	0	0	26	18	6	2	0	0	0	0	0	4
Coastal Andhradesa																										
Nellore ...	0530	65	1010·9	1008·5	...	70·9	68·3	66·5	22·5	87	...	2·7	...	3·3	0	0	26	4	0	0	0	0	0	9	13	4
	0830	,,	1013·1	1010·8	-0·2	76·9	70·9	67·7	23·1	73	-10	3·7	-1·3	2·7	0	0	25	5	1	0	0	0	0	4	15	5
	1130	,,	1011·9	1009·6	...	85·4	72·5	65·2	21·3	52	...	3·6	...	4·5	0	0	30	10	15	1	2	1	0	0	1	0
	1730	,,	1009·5	1007·3	...	81·4	72·1	66·8	22·7	62	...	4·3	...	4·9	0	0	30	10	19	1	0	0	0	0	0	0
	2330	,,	1011·6	1009·3	...	73·8	70·1	68·1	23·4	83	...	2·4	...	1·7	0	0	14	2	2	1	2	0	2	3	2	16
Ongole ...	0830	38	1013·2	1011·9	...	78·3	67·7	60·7	18·4	56	...	1·4	...	3·9	0	0	39	9	10	1	0	0	0	1	9	0
	1730	,,	1009·3	1008·0	...	82·8	68·1	58·0	16·8	45	...	1·7	...	5·1	0	0	30	0	6	13	9	0	0	0	2	0
Gannavaram ...	0530	88	1011·4	1008·3	...	68·1	63·9	58·8	18·5	78	...	1·8	...	3·8	0	0	28	19	2	0	0	0	0	1	6	2
	0830	,,	1013·5	1010·5	...	78·5	68·5	62·3	19·3	58	...	1·6	...	6·1	0	0	30	13	10	3	0	0	0	1	3	0
	1130	,,	1012·4	1009·4	...	85·7	69·1	58·0	16·8	40	...	2·4	...	7·3	0	0	30	9	9	8	0	1	0	0	3	0
	1730	,,	1009·8	1006·8	...	81·0	69·1	61·4	18·9	53	...	2·1	...	5·3	0	0	29	5	4	7	10	1	0	0	2	1
	2330	,,	1012·2	1009·2	...	72·1	67·0	63·7	20·3	75	...	1·8	...	3·2	0	0	22	5	8	2	1	0	0	2	4	8
Masulipatam ...	0530	10	1011·2	1010·9	...	70·6	67·9	66·0	22·2	87	...	2·0	...	3·8	0	0	25	14	6	0	0	1	0	0	4	5
	0830	,,	1013·2	1012·9	-0·7	76·8	69·8	65·8	21·7	69	-9	2·1	-1·0	4·5	0	1	28	16	9	0	0	0	0	0	4	1
	1130	,,	1012·3	1012·0	...	83·7	71·3	64·0	20·5	53	...	2·5	...	7·9	0	0	30	5	9	9	0	0	1	2	4	0
	1730	,,	1009·8	1009·5	...	92·2	72·1	66·5	22·4	60	...	1·8	...	3·3	0	0	30	1	1	7	12	7	0	0	2	0
	2330	,,	1012·1	1011·8	...	75·1	70·6	68·2	24·4	79	...	1·7	...	2·3	0	1	14	6	1	6	0	0	0	0	2	15
Kakinada ...	0830	26	1013·3	1012·4	-0·7	81·2	72·5	68·2	23·3	67	-6	1·3	-2·3	5·9	0	1	29	1	19	0	0	0	2	0	8	0
	1730	,,	1009·8	1008·9	...	81·4	74·5	71·0	26·0	71	...	1·7	...	6·8	0	1	29	0	6	0	24	0	0	0	0	0
Visakhapatnam ...	0530	11	1011·3	1010·9	...	69·7	67·6	66·3	22·2	90	...	2·0	...	1·6	0	0	11	3	1	0	0	0	0	4	3	19
	0830	,,	1013·4	1013·0	-0·8	79·0	72·3	68·6	24·0	71	+5	2·7	-1·0	4·3	0	0	23	6	2	1	0	0	1	5	8	7
	1130	,,	1012·1	1011·7	...	85·3	76·3	71·4	26·9	65	...	2·6	...	6·4	0	0	27	5	11	5	2	0	1	1	2	3
	1730	,,	1010·0	1009·2	...	80·3	74·8	72·1	27·0	76	...	2·6	...	8·0	0	1	28	0	4	11	11	1	1	0	1	1
	2330	,,	1012·1	1011·7	...	73·6	70·7	69·2	24·3	87	...	2·4	...	1·5	0	0	7	1	3	0	0	0	1	0	2	23
Calingapatam ...	0830	19	1013·1	1012·4	-1·3	70·7	66·9	64·6	20·8	81	+2	3·0	+0·1	4·3	0	0	30	0	0	0	0	0	0	15	15	0
	1730	,,	1009·2	1009·9	...	80·9	70·3	63·9	20·5	57	...	3·4	...	9·5	0	5	25	0	4	15	11	0	0	0	0	0
Rentachintala ...	0830	348	1013·9	1001·6	...	71·7	63·0	56·7	15·8	60	-12	2·0	2·7	0·1	0	0	1	1	0	0	0	0	0	0	0	29
	1730	,,	1009·1	997·3	...	86·9	67·6	53·8	14·3	33	...	1·8	...	2·6	0	0	25	21	1	1	0	1	0	1	0	5
Rayalaseema																										
Arogyavaram ...	0830	2299	902·2	935·3	...	70·6	63·7	59·0	17·3	67	...	3·4	...	1·9	0	0	16	5	4	0	2	4	0	0	1	14
	1730	,,	899·4	931·9	...	78·7	63·6	53·0	14·0	43	...	4·5	...	2·3	0	0	25	9	12	0	0	0	0	1	3	5
Cuddapah ...	0830	428	1013·4	998·6	-0·2	79·5	65·3	54·2	14·9	43	-33	2·2	-1·6	0·3	0	0	4	0	0	2	2	0	0	0	0	26
	1730	,,	1008·8	994·3	...	86·3	74·9	69·1	24·4	57	...	3·1	...	0·2	0	0	2	0	0	1	1	0	0	0	0	28
Bellary ...	0830	1473	1013·0	962·5	-0·7	73·3	61·2	51·1	13·0	46	-22	1·6	-1·9	0·8	0	0	9	1	2	1	0	1	0	0	4	21
	1730	,,	1007·4	958·0	...	85·7	63·9	44·7	10·5	25	...	1·6	...	2·6	0	0	21	1	17	1	0	0	0	0	2	9
Kurnool ...	0830	923	1014·1	981·8	-0·2	68·2	61·0	55·4	15·1	64	-7	1·4	-1·6	0·1	0	0	1	0	0	0	0	0	0	0	1	29
	1730	,,	1008·7	977·6	...	86·2	65·1	48·4	11·7	27	...	1·4	...	2·5	0	0	12	2	7	1	0	0	0	0	2	18
Anantapur ...	0530	1147	1011·4	971·3	...	65·3	59·0	53·4	14·5	66	...	1·3	...	0·5	0	0	5	0	1	1	0	0	1	1	1	25
	0830	,,	1013·0	973·5	...	73·8	63·4	55·3	15·3	54	...	1·2	...	1·4	0	0	10	2	5	1	0	0	0	0	1	20
	1130	,,	1011·7	972·8	...	82·3	65·6	53·3	14·0	38	...	1·8	...	4·5	0	0	24	4	13	7	0	0	0	0	0	6
	1730	,,	1007·8	969·3	...	85·7	65·5	49·8	12·4	30	...	2·2	...	5·3	0	1	26	5	16	4	1	0	0	0	1	3
	2330	,,	1011·3	971·8	...	73·9	61·9	52·5	13·5	49	...	1·7	...	2·1	0	0	11	1	5	5	0	0	0	0	0	19
Tamilnad																										
Palayamcottai ...	0830	167	1012·0	1006·2	...	79·6	74·3	71·7	23·6	87	...	4·4	...	3·5	0	0	28	14	3	0	0	1	2	3	5	2
	1730	,,	1008·1	1002·4	...	84·3	75·7	71·5	23·5	67	...	6·0	...	3·9	0	0	29	4	2	9	5	2	3	3	1	1
Pamban ...	0830	37	1011·8	1010·5	-0·1	80·5	73·2	71·7	23·9	81	-1	4·2	+0·2	3·9	0	0	30	10	2	2	0	6	0	6	4	0
	1730	,,	1009·0	1007·7	...	81·2	76·3	71·5	23·7	80	...	4·7	...	5·6	0	0	30	9	5	2	5	6	0	0	3	0
Mathurai ...	0830	437	1011·9	996·9	-0·5	79·3	72·2	69·1	23·8	71	-9	4·9	-0·2	2·1	0	0	23	7	3	1	0	0	0	1	11	1
	1730	,,	1007·9	993·0	...	84·9	73·0	66·6	22·3	55	...	5·8	...	2·3	0	0	23	1	6	9	3	1	0	0	3	1

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Wind speed, (m.p.h.)			No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal	mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1012·0	1010·9	-0·2	78·7	73·9	71·6	26·4	79	- 3	5·0	-0·4	4·0	0	1	23	8	4	0	0	0	0	2	10	6
	1730	,,	1008·6	1007·5	...	81·6	74·6	71·3	26·1	71	...	5·6	...	10·9	1	3	25	5	17	4	2	1	0	0	0	1
Tiruchirapalli ...	0530	289	1010·5	1000·4	...	74·9	70·9	68·3	24·9	81	..	4·9	...	3·2	0	0	16	1	11	0	0	1	0	1	2	14
	0830	,,	1012·3	1002·2	-0·6	78·8	71·9	68·2	24·3	70	-11	4·3	-0·2	7·3	0	4	21	6	15	0	0	0	0	4	5
	1130	,,	1011·3	1001·3	...	84·1	73·2	67·1	22·9	58	...	5·1	...	9·1	0	5	24	3	18	3	0	1	0	0	4	1
	1730	,,	1007·7	997·8	...	85·3	73·8	67·3	23·3	58	...	5·5	...	8·5	1	2	24	1	12	12	0	0	0	0	2	3
*	2330	,,	1011·4	1001·3	...	77·6	72·9	70·2	24·3	79	...	3·2	...	4·8	0	1	20	1	11	6	1	1	0	1	0	8
Coimbatore ...	0830	1341	1012·7	967·0	0	76·1	68·9	64·8	21·1	67	-15	4·4	-0·4	6·7	0	0	30	7	13	6	0	2	2	0	0	0
	1730	,,	1007·8	962·9	...	85·1	70·1	60·6	18·4	46	...	6·1	...	7·6	0	0	30	8	13	6	0	1	2	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1010·7	965·6	...	70·0	66·1	64·2	20·1	81	...	3·3	...	1·8	0	0	13	1	1	1	1	2	2	3	2	17
	0830	,,	1012·2	967·6	...	76·3	68·9	64·5	20·5	67	...	4·0	...	3·4	0	1	17	2	8	5	1	0	0	1	1	12
	1130	,,	1010·5	966·5	...	83·1	69·2	60·1	18·1	47	...	4·2	...	7·3	0	4	23	2	12	9	1	2	1	0	0	3
	1730	,,	1007·2	963·5	...	84·9	68·6	58·7	16·5	43	...	4·3	...	7·7	0	2	25	1	6	10	0	4	5	1	0	3
	2330	,,	1010·8	966·0	...	73·7	68·5	65·6	21·5	74	...	2·9	...	5·3	0	6	11	0	1	2	2	5	7	0	0	13
Salem ...	0530	913	1009·9	978·3	...	72·2	67·2	64·0	21·3	76	...	2·6	...	1·3	0	0	15	0	13	1	0	0	0	1	0	15
	0830	,,	1012·3	981·0	-0·4	77·0	68·9	63·9	20·5	65	-13	2·9	-1·3	2·7	0	0	24	0	23	0	0	0	0	1	0	6
	1130	,,	1010·8	979·9	...	84·5	70·4	61·3	19·1	47	...	3·3	...	3·1	0	0	27	0	3	8	0	1	3	7	5	3
	1730	,,	1007·2	976·5	...	86·3	70·0	59·5	17·7	42	...	4·3	...	2·2	0	0	20	1	1	9	3	0	0	6	0	10
	2330	,,	1010·6	979·3	...	77·5	68·9	63·8	20·3	63	...	3·7	...	5·1	0	1	27	0	18	8	0	0	1	1	0	2
Kallakurichi ...	0830	416	1012·4	998·0	...	77·9	70·0	65·6	21·4	66	...	3·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1007·9	993·7	...	85·5	69·9	60·1	18·6	44	...	5·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1010·1	1008·7	...	73·1	70·3	69·0	23·8	87	...	2·1	...	2·3	0	1	14	6	5	3	0	0	0	0	1	15
	0830	,,	1012·3	1010·9	-0·4	78·9	72·2	68·7	23·9	71	-13	3·9	-1·0	2·2	0	0	25	4	11	1	0	0	4	0	5	5
	1130	,,	1011·3	1010·0	...	84·3	73·6	68·0	23·4	58	...	4·9	...	6·9	0	2	27	7	15	4	1	0	1	0	1	1
	1730	,,	1009·1	1007·8	...	81·3	73·2	68·6	24·0	65	...	5·0	...	4·3	0	1	29	0	22	5	3	0	0	0	1	0
	2330	,,	1011·3	1010·0	...	78·8	72·8	69·5	24·8	74	...	2·9	...	6·0	0	2	24	1	13	10	1	0	1	0	0	4
Vellore ...	0530	703	1011·0	986·4	...	68·0	65·5	63·7	20·3	87	...	2·4	...	0·5	0	0	8	2	1	0	0	0	0	3	2	22
	0830	,,	1012·9	988·6	+0·1	74·9	68·7	65·1	21·2	71	-13	3·0	-1·1	0·7	0	0	6	3	2	0	0	0	0	1	2	24
	1130	,,	1011·3	987·4	...	84·3	69·9	60·9	18·5	47	...	4·0	...	5·0	0	0	28	5	17	3	0	0	1	0	2	2
	1730	,,	1008·3	984·5	...	84·2	69·2	59·2	17·6	45	...	3·8	...	5·3	0	0	29	2	17	7	2	0	0	0	1	1
*	2330	,,	1011·8	987·5	...	75·2	69·3	65·7	21·7	74	...	1·9	...	3·1	0	1	20	3	8	2	3	4	1	0	0	9
Madras ...	0530	51	1010·5	1008·7	...	72·5	70·9	70·1	25·2	92	...	3·5	...	5·1	0	1	26	5	1	0	0	0	0	10	11	3
	0830	,,	1012·6	1010·8	-0·5	78·7	73·6	71·0	25·2	78	- 5	3·4	-1·4	7·3	0	2	27	9	1	1	0	0	0	6	12	1
	1130	,,	1011·6	1009·9	...	84·4	75·0	70·2	25·4	64	...	5·4	...	11·7	0	11	19	14	9	2	1	0	0	1	3	0
	1730	,,	1009·4	1007·7	...	81·3	74·2	70·7	25·7	70	...	4·9	...	10·8	0	4	27	6	18	5	1	0	0	0	0	0
	2330	,,	1011·6	1009·8	...	76·3	73·1	71·5	26·4	85	...	2·3	...	4·8	0	2	24	10	5	0	1	0	0	3	7	4
Madras (Nungambakkam) ...	0830	21	1012·0	1011·3	...	79·8	72·8	69·2	24·4	70	...	3·8	...	3·8	0	0	30	7	1	1	0	0	1	3	17	0
Malabar and South Kanara																										
Mangalore ...	0530	72	1010·3	1007·7	...	71·7	70·4	69·8	24·7	93	...	2·0	...	3·7	0	0	29	1	8	20	0	0	0	0	0	1
	0830	,,	1012·3	1009·8	0	76·6	71·8	69·4	24·4	79	+ 4	2·4	-1·0	3·8	0	0	28	2	4	21	1	0	0	0	0	2
	1130	,,	1011·7	1009·2	...	83·1	72·7	66·5	22·7	59	...	2·0	...	4·6	0	0	29	0	0	7	0	0	5	9	8	1
	1730	,,	1008·8	1006·3	...	81·5	74·3	70·7	25·7	70	...	3·0	...	4·8	0	0	30	1	0	0	0	0	1	19	9	0
	2330	,,	1011·2	1008·7	...	76·2	73·1	71·5	26·5	86	...	1·8	...	1·7	0	0	20	6	7	6	0	0	0	0	1	10
Kozhikode ...	0530	27	1009·7	1008·8	...	74·2	72·3	71·4	26·2	91	...	2·4	...	2·0	0	0	26	1	5	19	0	0	0	0	0	4
	0830	,,	1011·9	1011·0	-0·4	79·1	73·8	71·1	25·8	77	- 5	1·8	-2·4	3·4	0	0	30	0	13	14	1	0	0	1	1	0
	1130	,,	1011·3	1010·4	...	86·4	75·9	70·9	25·8	60	...	2·8	...	5·1	0	0	30	0	0	0	0	0	8	18	4	0
	1730	,,	1008·4	1007·5	...	84·1	76·1	72·8	27·1	68	...	4·3	...	5·9	0	0	30	1	0	0	0	0	2	7	20	0
	2330	,,	1010·9	1009·9	...	78·8	74·2	72·0	26·8	80	...	2·7	...	3·4	0	1	22	2	9	3	0	0	0	2	7	7
Palghat ...	0830	319	1012·2	1001·2	...	78·1	73·9	71·4	26·7	77	...	3·3	...	5·3	0	0	28	0	0	21	0	0	0	7	0	2
	1730	,,	1008·3	997·1	...	84·4	75·8	71·3	26·6	66	...	4·4	...	4·4	0	0	29	0	0	6	0	0	2	16	5	1
Mysore																										
Chitaldrug ...	0830	2405	902·3	931·6	+0·1	71·6	61·0	53·0	13·5	53	-17	1·9	-2·0	2·9	0	0	28	0	3	20	0	0	2	3	0	2
	1730	,,	899·5	928·1	...	81·8	62·3	47·3	10·4	30	...	2·1	...	1·9	0	0	21	0	9	8	0	0	1	2	1	9
Shimoga ...	0830	1872	900·3	949·3	...	64·5	60·6	58·1	16·5	81	...	3·9	...	0·8	0	0	11	0	0	1	1	6	3	0	0	19
	1730	,,	898·3	945·5	...	82·8	66·3	55·4	15·1	41	...	2·4	...	3·5	0	0	25	5	9	6	1	0	0	1	3	5
Hassan ...	0830	3149	902·8	907·1	...	68·6	60·6	54·8	14·9	61	-15	2·2	-1·8	3·3	0	0	22	3	6	7	2	0	0	2	2	8
	1730	,,	899·8	904·1	...	78·3	62·1	51·6	12·5	38	...	3·2	...	4·5	0	0	29	5	12	3	1	0	0	4	4	1
Bangalore (Central Observatory) ...	0830	3021	903·0	911·6	-0·2	69·3	62·3	57·7	16·3	67	-11	2·5	-2·0	4·5	0	0	26	1	9	11	3	0	0	1	1	4
	1130	,,	902·5	910·9	...	77·0	62·4	51·8	12·7	42	...	3·6	...	5·7	0	0	29	6	11	7	1	1	0	1	2	1
	1730	,,	899·9	908·3	...	76·4	61·7	51·0	12·8	42	...	4·4	...	4·7	0	0	28	3	15	4	1	0	0	2	3	2
Bangalore (Aerodrome) ...	0530	2942	900·9	912·2	...	62·5	59·8	58·1	16·3	81	...	1·2	...	...	...	...	...	1	1	0	0	0	0	0	0	28
	0830	,,	903·0	914·2	...	69·7	62·8	58·5	16·[illegible]	63	...	[illegible]	...	...	...	...	...	0	3	4	2	0	2	1	0	18
	1130	,,	902·5	913·5	...	77·2	64·5	5[illegible]·2	15·0	[illegible]	...	[illegible]	...	...	...	...	...	4	10	5	1	0	0	0	2	8
	1730	,,	900·1	911·1	...	78·1	63·2	52·8	13·8	42	...	[illegible]	...	...	...	...	...	4	4	5	0	0	0	0	2	15
	2230	,,	902·1	913·3	...	68·2	60·9	55·[illegible]	14·9	65	...	2·9	...	...	...	...	...	1	1	2	0	0	0	0	0	26

(*) Observations for 29 days.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calms
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —*contd.*																										
Mysore ...	0830	2518	902·3	927·8	−0·2	68·9	63·9	60·9	18·2	76	− 1	3·0	−1·6	4·1	0	0	25	2	8	10	0	1	2	1	1	5
	1730	,,	899·9	924·7	...	81·1	64·5	52·9	14·0	39	...	3·8	...	6·0	0	0	30	7	11	12	0	0	0	0	0	0
Balehonnur ...	0830	2917	...	...	...	64·4	61·5	59·4	17·6	82	− 3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1011·9	1011·6	−0·2	80·3	75·0	72·3	27·3	74	− 5	5·5	+1·5	4·1	0	0	30	2	13	12	3	0	0	0	0	0
	1730	,,	1008·4	1008·1	...	82·2	76·1	73·3	28·0	74	...	6·2	...	9·2	0	4	26	0	0	0	0	0	3	17	10	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1010·1	1009·9	...	74·9	73·3	72·7	27·3	93	...	4·6	...	1·7	0	0	14	0	6	5	2	0	0	0	1	16
	0830	,,	1011·9	1011·7	...	79·0	74·6	72·5	27·2	81	...	4·2	...	3·3	0	0	21	2	5	9	4	0	0	0	1	9
	1130	,,	1011·2	1011·0	...	84·4	75·7	71·7	26·4	66	...	4·5	...	5·5	0	0	29	4	1	1	2	1	3	7	10	1
	1730	,,	1008·7	1008·5	...	83·5	75·4	71·7	25·9	71	...	4·6	...	6·5	0	1	28	0	0	1	0	0	5	15	8	1
	2330	,,	1011·0	1010·8	...	78·1	75·0	73·1	28·3	85	...	4·0	...	1·9	0	0	16	3	6	3	1	0	1	1	1	14
Alleppey ...	0830	12	1011·8	1011·4	...	82·4	77·4	75·0	29·8	79	...	5·2	...	5·7	0	0	30	1	12	9	4	0	0	3	1	0
	1730	,,	1008·6	1008·2	...	83·0	77·2	74·4	29·3	76	...	5·6	...	12·3	0	10	20	0	0	0	0	0	2	15	13	0
Trivandrum ...	0530	211	1009·9	1009·6	...	74·0	72·7	72·0	26·9	94	...	3·8	...	2·3	0	0	25	6	6	2	1	1	0	0	9	5
	0830	,,	1011·8	1004·5	−0·1	77·9	74·8	73·3	23·2	86	+ 6	4·3	−0·7	2·3	0	0	25	3	14	0	2	0	2	0	4	5
	1130	,,	1011·0	1003·8	...	83·8	75·8	71·9	26·8	68	...	5·2	...	5·6	0	0	30	5	2	0	3	0	6	3	11	0
	1730	,,	1008·8	1001·6	...	81·6	75·5	72·7	27·7	75	...	5·1	...	4·4	0	0	30	2	1	0	1	0	9	5	12	0
	2330	,,	1011·1	1003·8	...	76·9	74·4	73·3	26·9	89	...	4·7	...	2·5	0	0	27	9	2	2	1	1	1	0	11	3
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	901·3	891·4	...	64·5	59·7	55·9	15·3	75	...	2·8	...	3·2	0	0	22	0	2	11	6	0	3	0	0	8
	1730	,,	899·3	889·4	...	64·5	59·9	55·3	15·8	76	...	3·1	...	1·9	0	0	17	1	1	4	1	0	5	3	2	13
Shillong ...	0830	4921	903·2	852·1	−1·1	60·1	53·6	47·8	11·9	65	− 3	2·7	+0·6	0·1	0	0	1	0	0	0	0	0	0	0	0	29
	1730	,,	900·9	849·7	...	58·0	55·6	53·7	14·0	86	...	5·7	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Cherrapunji ...	0830	4309	902·9	870·7	−1·3	62·1	56·1	50·3	13·0	67	+ 6	4·4	+2·1	2·1	0	0	30	5	14	3	2	1	3	1	1	0
	1730	,,	900·6	868·4	...	60·1	56·5	53·8	14·3	81	...	5·9	...	1·9	0	0	30	3	10	3	1	3	4	2	4	0
Darjiling ...	0830	7432	802·8	778·2	−0·9	52·8	48·1	44·3	9·5	77	+ 8	3·3	+0·4	4·9	0	0	30	0	0	16	6	0	0	7	1	0
	1730	,,	800·6	775·8	...	48·1	46·3	44·8	9·7	88	...	3·9	...	4·3	0	0	25	0	0	9	3	0	2	11	0	5
Darjiling (Raj Bhawan) ...	0830	6980	806·2	794·3	...	53·3	48·5	44·3	9·7	74	...	2·9	...	1·0	0	0	15	4	2	1	0	1	2	3	2	15
	1730	,,	804·3	792·5	...	52·6	49·9	47·7	11·4	85	...	5·6	...	1·2	0	0	17	0	1	0	0	0	6	9	1	13
Kalimpong ...	0830	3965	901·2	879·5	−3·8	57·6	55·4	53·6	14·3	87	+13	2·8	+0·6	2·5	0	0	24	0	0	0	0	0	0	0	24	6
	1730	,,	898·5	877·0	...	61·5	58·0	55·6	15·0	81	...	4·7	...	1·7	0	0	20	0	0	0	20	0	0	0	0	10
Katmandu ...	0830	4388	905·7	870·4	...	53·8	51·5	49·6	11·9	87	0	3·5	−2·6	0·4	0	0	6	1	0	1	1	1	1	0	1	24
	1730	,,	901·9	867·2	...	60·8	55·1	50·4	12·7	68	...	1·7	...	0·7	0	0	9	1	1	4	2	1	0	0	0	21
Mukteswar (Kumaon) ...	0830	7592	803·7	774·4	−0·5	50·0	39·2	21·8	4·3	37	− 7	0·5	−0·8	5·5	0	2	23	0	3	5	4	0	0	7	6	5
	1730	,,	802·2	773·0	...	51·2	42·8	31·7	6·7	52	...	0·5	...	7·1	0	3	25	0	0	0	1	1	7	13	6	2
Nokpal ...	0830	...	...	...	...	23·5	19·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	0830	6699	802·2	798·5	...	54·3	43·3	29·9	4·7	41	− 6	0·5	−0·7	0·4	0	0	6	1	2	0	1	2	0	0	0	24
	1730	,,	800·7	796·7	...	52·1	44·4	39·0	6·6	61	...	0·8	...	1·3	0	0	19	0	1	0	8	8	1	0	1	11
Simla ...	0830	7224	802·3	783·5	−0·6	54·1	39·5	12·8	3·1	24	−12	0·1	−1·2	0·7	0	0	10	2	1	0	3	4	0	0	0	20
	1730	,,	801·4	782·5	...	51·9	41·4	27·7	5·2	40	...	1·5	...	1·1	0	0	17	1	2	2	1	6	4	0	1	13
Dalhousie ...	0830	...	...	...	...	56·5	50·3	44·2	12·4	47	...	0·6	...	0·1	0	0	1	0	1	0	0	0	0	0	0	29
	1730	...	...	...	...	52·6	48·9	45·3	10·5	78	...	0·4	...	0·3	0	0	2	0	2	0	0	0	0	0	0	28
Dharamshala ...	0830	3975	908·1	886·3	...	60·6	48·6	36·1	7·8	40	...	0·7	...	0·1	0	0	4	2	0	2	0	0	0	0	0	26
	1730	,,	906·4	884·5	...	65·0	50·6	36·9	6·7	35	...	1·1	...	0·6	0	0	17	3	1	0	0	0	0	10	3	13
Dalmarhi ...	0830	3528	904·7	897·0	−0·7	59·4	51·6	43·6	9·3	57	0	0·2	−1·3	1·4	0	0	14	0	10	3	0	0	1	0	0	16
	1730	,,	902·5	894·9	...	72·6	56·2	41·6	8·0	33	...	0·2	...	1·5	0	0	19	5	10	2	0	0	0	1	1	11
Dibu ...	0830	3931	904·2	884·0	−0·9	63·0	49·9	34·8	7·0	36	− 9	0·1	−0·9	0·3	0	0	3	0	0	0	0	0	1	2	0	27
	1730	,,	902·4	882·5	...	70·2	53·4	35·6	7·2	28	...	0·4	...	0·1	0	0	2	0	0	0	0	0	1	1	0	28
Mahabaleshwar ...	0830	4534	903·6	864·8	0	66·8	53·9	41·7	9·0	40	−26	0·7	−1·5	5·9	0	2	25	1	7	13	6	0	0	0	0	3
	1730	,,	901·1	862·6	...	69·2	58·1	48·9	12·0	50	...	0·6	...	4·5	0	0	30	6	3	5	0	1	0	6	9	0
Nandi Hills * ...	0830	4851	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	903·6	888·0	+1·1	64·6	58·2	53·3	14·0	68	−15	2·6	−2·2	4·8	0	0	23	0	7	7	0	0	0	4	5	7
	1730	,,	900·0	884·7	...	73·0	64·6	59·1	17·4	63	...	3·5	...	3·0	0	0	30	0	4	5	0	0	0	10	11	0
Kodaikanal ...	0830	7688	803·4	771·9	+0·3	53·8	50·1	45·7	11·0	80	+ 1	5·3	+0·4	6·7	0	5	24	4	6	1	5	1	0	0	12	1
	1130	,,	802·9	771·7	...	58·4	52·8	47·6	11·6	71	...	6·7	...	6·9	0	4	25	1	7	3	3	1	0	2	12	1
	1730	,,	801·5	770·1	...	54·6	52·4	50·3	12·6	87	...	6·4	...	6·8	0	3	25	4	5	0	0	1	0	0	18	2
Kotacamund ...	0830	7378	802·8	779·9	−0·1	53·8	49·1	44·8	10·2	73	− 3	2·5	−2·1	2·2	0	0	18	3	12	2	0	0	1	1	0	12
	1730	,,	801·2	778·1	...	55·5	53·1	49·8	13·0	76	...	4·2	...	2·6	0	0	23	5	13	3	0	0	0	1	1	7
Coonoor ...	0830	...	...	...	...	62·3	56·3	51·7	13·3	69	− 7	2·7	−2·4	3·1	0	0	25	4	0	0	7	12	0	0	2	5
Sikkim																										
Gangtok ...	0830	...	...	...	...	45·2	42·7	39·9	9·0	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	48·1	46·4	44·5	10·3	89	+ 9	0·6	−1·2	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	628·6	654·5	...	41·9	40·8	40·6	8·4	97	...	0	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Gyantse ...	0830	13,110	625·4	626·1	...	35·1	26·5	11·0	2·5	37	− 5	0·3	−0·4	0·5	0	0	6	0	0	2	3	0	1	0	0	24
Ceylon																										
Colombo ...	0830	24	1011·6	1010·8	−0·3	77·9	74·6	73·0	27·8	85	− 2	5·1	+0·1	4·4	0	0	25	3	9	4	5	1	1	1	1	5
	1730	,,	1008·7	1007·8	...	80·9	75·4	72·6	27·6	76	...	6·3	...	7·7	0	2	27	6	2	2	0	0	4	6	9	1
Trincomalee ...	0830	24	1011·3	1010·5	+0·3	79·5	74·2	71·4	26·5	77	− 9	5·8	+1·2	8·5	0	6	23	5	2	0	1	2	10	4	5	1
	1730	,,	1008·4	1007·6	...	80·5	74·5	71·1	26·5	74	...	6·7	...	12·1	0	13	16	9	1	1	0	1	3	4	10	1
Batticoloa ...	0830	20	1010·9	1010·7	...	77·7	74·7	73·2	29·0	86	...	5·1	...	5·8	0	1	28	0	0	0	2	0	3	13	11	1
	1730	,,	1008·2	1007·9	...	80·8	76·1	73·2	28·6	79	...	6·2	...	9·9	0	6	24	4	11	2	3	1	1	2	6	0
Hambantota ...	0830	61	1011·1	1009·1	−0·1	78·8	75·1	73·5	28·0	83	− 4	5·0	+0·9	8·4	0	8	20	3	4	0	0	0	18	2	1	2
	1730	,,	1008·3	1006·3	...	81·1	76·4	73·7	28·9	79	...	6·4	...	12·1	0	16	14	1	1	1	3	2	19	2	1	0
Mannar ...	0830	12	1011·6	1011·2	...	80·1	75·9	73·9	28·6	82	...	5·2	...	6·9	0	1	29	5	11	1	1	6	4	0	2	0
	1730	,	1008·7	1008·3	...	81·3	76·0	72·8	28·3	77	...	6·7	...	7·3	0	1	29	12	9	0	1	2	6	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1013·5	985·3	...	55·0	53·6	52·3	13·4	91	...	1·7	...	1·5	0	0	19	1	0	0	0	0	0	1	17	11
	0830	,,	1015·0	987·2	...	65·0	59·3	54·7	14·7	69	...	1·5	...	1·5	0	0	21	1	0	0	1	0	1	3	15	9
	1130	,,	1012·7	985·8	...	80·5	63·2	48·2	12·0	34	...	2·4	...	4·0	0	0	27	2	3	0	2	1	4	2	13	3
	1730	,,	1010·8	983·6	...	73·8	63·0	54·8	14·8	52	...	1·3	...	1·7	0	0	19	7	3	1	0	0	0	0	8	11
	2330	,,	1013·8	985·8	...	59·3	56·8	54·7	14·7	85	...	1·3	...	1·6	0	0	24	4	0	0	0	0	0	0	17	6
Hazaribagh ...	0530	2019	898·6	942·9	...	55·3	51·7	48·3	11·7	78	...	1·1	...	0·6	0	0	6	0	0	0	0	0	1	1	4	24
	0830	,,	901·6	944·7	...	70·1	58·7	49·1	12·3	50	...	0·9	...	2·6	0	0	27	7	2	3	1	1	2	5	6	3
	1130	,,	901·2	943·8	...	75·4	59·3	45·1	10·7	36	...	1·9	...	5·3	0	1	27	7	2	1	0	1	1	5	11	2
	1730	,,	899·2	942·2	...	68·6	58·5	50·1	12·7	53	...	1·5	...	1·9	0	0	31	4	1	0	0	0	0	4	12	9
	2330	,,	899·4	943·5	...	58·1	53·5	49·2	13·1	73	...	0·8	...	0·7	0	0	10	0	0	1	0	0	2	5	2	20
Dhanbad ...	0530	839	1012·5	982·7	...	61·7	57·8	54·3	14·6	77	...	1·3	...	2·6	0	0	29	7	2	1	0	0	3	8	8	1
	0830	,,	1013·8	984·6	...	72·2	62·6	55·0	15·0	55	...	1·0	...	2·9	0	0	26	5	5	0	0	0	8	5	3	4
	1130	,,	1012·4	983·7	...	81·0	64·4	50·4	13·2	37	...	1·8	...	4·9	0	0	29	6	7	2	0	2	5	2	5	1
	1730	,,	1010·3	981·4	...	75·2	64·0	55·1	15·3	51	...	1·1	...	2·6	0	0	25	6	3	1	0	1	2	3	9	5
	2330	,,	1012·7	983·2	...	66·2	59·2	53·0	14·0	64	...	0·5	...	3·5	0	0	28	8	5	0	0	0	0	3	12	2
Mahanadi Catchment																										
Baramul ...	0830	210	1013·6	1006·4	...	71·8	65·8	62·0	19·0	71	...	...	...	2·1	0	0	24	2	12	2	6	0	1	0	1	6
	1730	,,	1010·5	1003·2	...	71·0	66·6	63·9	20·3	79	...	...	...	0·1	0	0	1	0	0	0	0	0	0	0	1	29
Hirakud ...	0830	522	1014·6	996·4	...	71·9	63·9	58·7	20·2	62	...	...	...	0·9	0	0	8	6	1	0	0	0	0	0	1	22
	1730	,,	1010·7	992·6	...	78·5	65·6	56·7	15·7	47	...	...	...	0	0	0	0	0	0	0	0	0	0	0	0	30
Barkachhar ...	0830	...	...	...	...	66·9	60·4	55·3	15·0	67	...	4·5	...	2·6	0	0	28	2	0	0	2	5	14	3	2	2
	1730	...	...	...	...	75·6	63·6	54·9	14·7	49	...	6·4	...	0·5	0	0	8	3	0	3	0	0	0	1	1	22
Sonepur ...	0830	...	...	...	...	71·9	65·6	61·4	18·6	70	...	...	...	1·3	0	0	16	2	0	0	1	1	1	5	6	14
Ginabahar ...	0830	...	...	...	...	67·3	60·0	54·3	14·4	63	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	69·1	61·4	55·3	15·2	62	...	1·1	...	0·5	0	0	7	0	3	1	0	0	1	2	0	23
	1730	...	...	...	...	78·1	65·3	55·8	15·5	47	...	1·1	...	0·2	0	0	3	0	1	0	1	1	0	0	0	27
Ganga Catchment																										
Tapoban * ...	0830																									
Badrinath ‡ ...	0830	...	...	...	...	43·0	38·7	33·4	6·5	69	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	68·2	55·1	41·4	8·9	38	...	0·1	...	1·3	0	0	12	0	8	4	0	0	0	0	0	18
	1730	...	...	...	...	84·7	63·0	44·1	9·9	25	...	0	...	1·1	0	0	11	0	7	2	0	0	1	1	0	19
Bagra Tawa ...	0830	...	...	...	...	62·4	55·2	48·8	11·6	61	...	0	...	1·4	0	0	14	0	1	0	2	0	11	0	0	16
	1730	...	...	...	...	79·2	64·0	52·8	13·5	42	...	0·1	...	1·0	0	0	10	0	1	0	4	0	5	0	0	20
Thikri ...	0830	...	...	...	...	71·3	59·6	48·3	12·2	46	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	73·2	56·8	39·5	8·4	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol ...	0830	...	...	...	...	61·3	54·2	47·4	10·5	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	69·9	57·7	46·4	10·8	43	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

‡ Observations for 19 days. * Data not available

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G.M.T.)

NOVEMBER 1952

	ALLAHABAD (Sur. Pr. 1001 mb.)						CALCUTTA (1011 mb.)						JODHPUR (988 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	30	98	293·3	297	289	286·2	30	5	293·7	301	287	290·7	30	218	294·8	299	290	280·1
1000	30	110	...	...	...	...	30	104	...	...	...	...	29	113	...	...	...	...
900	30	1026	292·1	295	287	278·8	30	1020	291·8	295	287	281·0	29	1031	294·5	299	291	273·2
850	30	1514	288·0	291	284	276·9	30	1507	288·2	292	283	278·1	29	1523	290·5	295	287	270·5
800	30	2023	285·1	289	282	272·8	30	2018	285·2	291	282	273·3	29	2023	286·5	291	283	269·4
700	30	3133	280·7	286	274	266·7	30	3130	282·4	289	278	260·4	29	3145	279·4	285	273	262·0
600	30	4389	274·5	280	271	261·4	30	4392	276·0	281	270	256·3	29	4394	272·6	278	266	254·8
500	30	5830	264·9	269	261	...	30	5838	268·1	272	262	...	28	5830	264·3	269	259	...
400	29	7526	253·4	258	247	...	30	7552	257·1	262	251	...	28	7524	253·1	259	248	...
300	27	9608	241·0	246	237	...	29	9658	243·4	251	233	...	25	9594	239·0	244	234	...
250	25	10870	234·4	243	229	...	28	10932	234·6	244	222	...	24	10845	231·7	236	227	...
200	23	12364	225·2	231	217	...	28	12428	224·5	232	211	...	24	12337	223·3	228	217	...
175	16	13255	219·9	223	210	...	16	13302	219·2	227	212	...	10	13223	218·8	225	212	...
150	14	14246	215·2	219	205	...	6	14353	215·5	221	209	...	5	14167	215·0	222	209	...
125	7	15377	212·9	215	211	...	...	...	...	...	...	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	MADRAS (1009 mb.)						NAGPUR (977 mb.)						NEW DELHI (989 mb.)					
Surface	30	15	299·3	301	298	293·4	29	307	294·3	287	291	280·3	29	210	289·5	293	285	282·3
1000	30	093	...	...	...	...	29	94	...	...	...	...	29	115	...	...	...	...
900	30	1011	293·0	297	289	286·4	29	1021	293·7	296	290	280·3	29	1027	293·1	297	286	271·2
850	30	1507	290·5	295	287	283·4	29	1511	289·9	292	287	276·8	29	1515	289·0	293	282	269·7
800	30	2026	288·2	292	285	278·3	29	2026	286·6	289	283	273·4	29	2030	285·4	291	279	267·3
700	29	3149	284·1	287	281	266·0	29	3139	281·8	286	276	267·0	29	3133	278·7	286	273	263·2
600	30	4419	276·8	281	273	262·4	29	4387	275·9	279	272	261·4	29	4376	270·6	278	265	254·5
500	29	5882	269·2	273	266	...	28	5851	266·3	270	262	...	29	5799	262·3	269	257	...
400	29	7608	258·2	261	254	...	27	7550	254·6	259	250	...	29	7471	250·0	258	245	...
300	28	9725	243·5	248	238	...	22	9648	241·9	249	234	...	28	9524	237·1	245	231	...
250	25	11011	235·4	240	227	...	19	10920	233·2	243	222	...	26	10776	230·3	238	225	...
200	22	12526	224·5	230	215	...	15	12421	223·5	231	217	...	21	12260	223·0	229	215	...
175	14	13404	219·3	223	213	...	11	13307	218·0	227	208	...	19	13135	218·3	224	210	...
150	11	14381	214·1	218	211	...	9	14304	214·3	222	206	...	16	14088	215·6	223	205	...
125	...	...	...	...	...	...	6	15471	210·3	218	198	...	13	15187	211·1	222	201	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

NOVEMBER 1952

	POONA (Sur. Pr. 950 mb.)						PORT BLAIR (1001 mb.)						TRIVANDRUM (1003 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	30	557	295·9	298	291	285·6	30	81	299·0	300	297	296·0	30	64	299·2	300	297	295·9
1000	30	104	...	...	...	...	30	091	...	...	...	...	30	095	...	...	...	...
900	30	1023	296·0	299	293	281·4	30	1013	293·0	295	292	291·0	30	1019	293·7	295	292	290·0
850	30	1517	293·1	295	289	278·7	30	1506	291·0	292	289	288·0	30	1512	291·1	293	288	287·4
800	30	2037	288·7	292	284	275·9	30	2026	289·0	291	287	285·0	30	2033	288·1	290	286	284·1
700	30	3156	283·0	287	277	266·5	30	3151	283·0	285	281	280·0	30	3156	283·2	286	281	275·3
600	29	4426	277·7	281	273	261·3	30	4419	276·0	280	274	273·0	30	4425	276·5	279	273	269·1
500	28	5881	267·9	270	265	...	28	5877	269·0	273	265	...	28	5883	268·3	271	265	...
400	17	7596	256·4	260	252	...	25	7599	259·0	263	257	...	26	7605	258·4	261	254	...
300	23	9698	241·5	244	238	...	18	9730	246·0	249	243	...	22	9725	244·9	249	240	...
250	19	10959	231·9	235	228	...	15	11016	236·0	239	233	...	18	11015	235·6	243	232	...
200	17	12459	222·2	227	218	...	14	12522	227·0	230	224	...	16	12523	223·4	232	218	...
175	15	13309	215·6	220	212	...	11	13402	221·0	225	217	...	9	13399	218·1	223	212	...
150	12	14286	208·7	213	205	...	11	14411	215·0	219	209	...	8	14396	213·7	219	209	...
125	10	15370	202·9	207	197	...	...	...	...	...	...	...	...	...	...	...	...	...
100	7	16685	199·0	207	195	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	VERAVAL (1011 mb.)						VISAKHAPATNAM (1003 mb.)					
Surface	29	8	297·1	299	295	294·7	30	48	298·6	301	295	291·7
1000	29	107	...	...	...	...	30	102	...	...	...	...
900	29	1031	295·3	298	293	280·9	30	1021	292·6	298	287	284·3
850	29	1524	291·8	294	289	278·9	30	1512	289·7	293	286	280·5
800	29	2043	288·6	292	285	275·8	30	2023	287·4	294	284	275·3
700	29	3165	283·4	289	275	267·7	30	3148	283·8	287	280	266·0
600	29	4436	277·6	282	274	262·1	29	4419	277·2	280	274	260·4
500	29	5895	267·5	271	265	...	27	5879	268·7	273	263	...
400	29	7606	255·5	261	250	...	21	7593	257·0	262	253	...
300	26	9700	241·1	247	237	...	15	9706	243·5	247	241	...
250	23	10968	232·0	236	229	...	8	10983	235·0	236	233	...
200	21	12454	222·5	228	219	...	5	12495	226·6	229	224	...
175	19	13316	217·5	224	213	...	...	...	...	...	...	...
150	14	14289	211·1	222	202	...	...	...	...	...	...	...
125	6	15537	210·7	218	204	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...

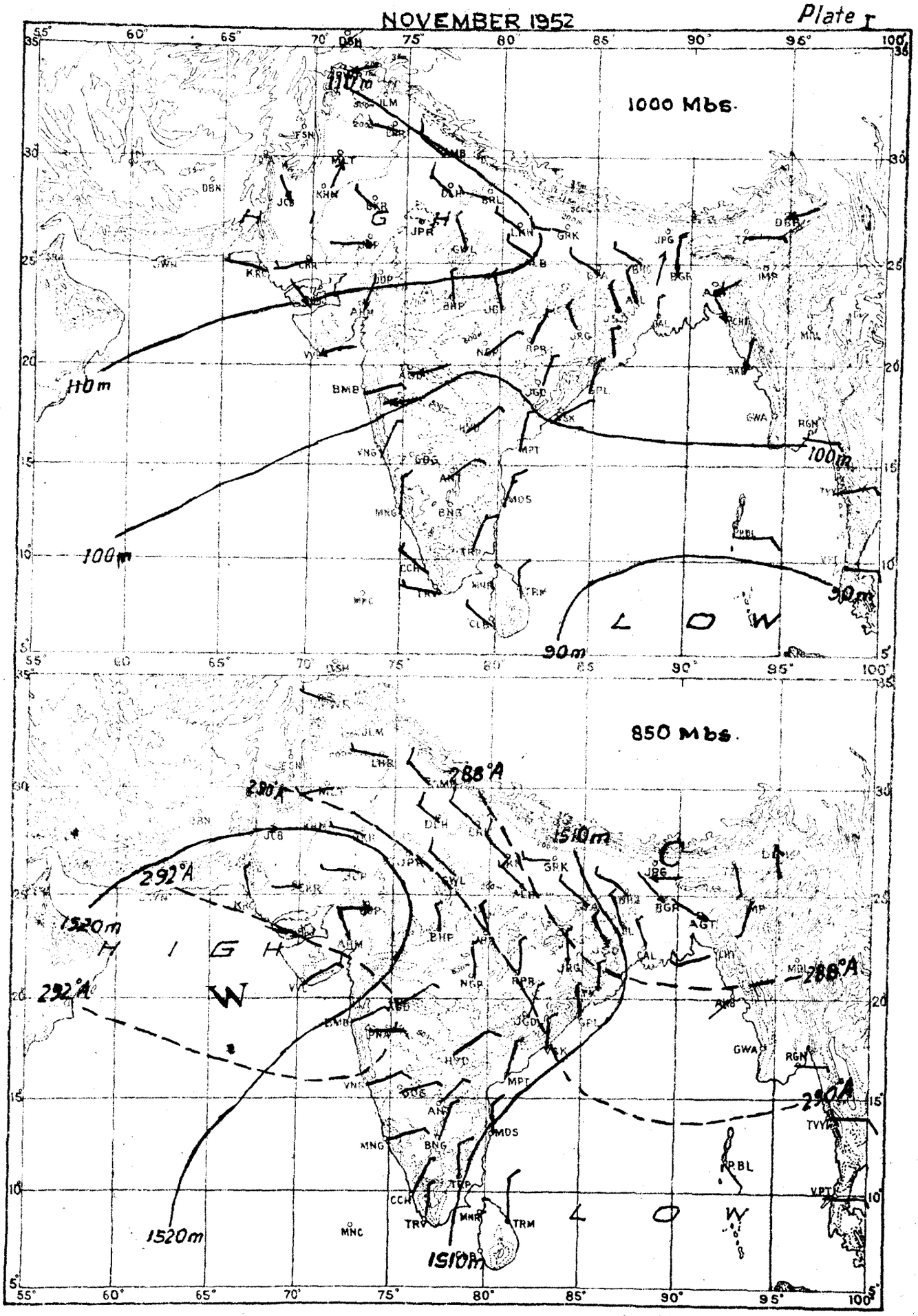
Note:— Number of observations refer to those of dynamic height.
Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.A.—S—118 DDG Ob. Poona-21-6-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

NOVEMBER 1952

Plate I



RESULTANT WIND ——\ = 5 Knots; ——\ = 10 Knots; ——\ = 50 Knots.

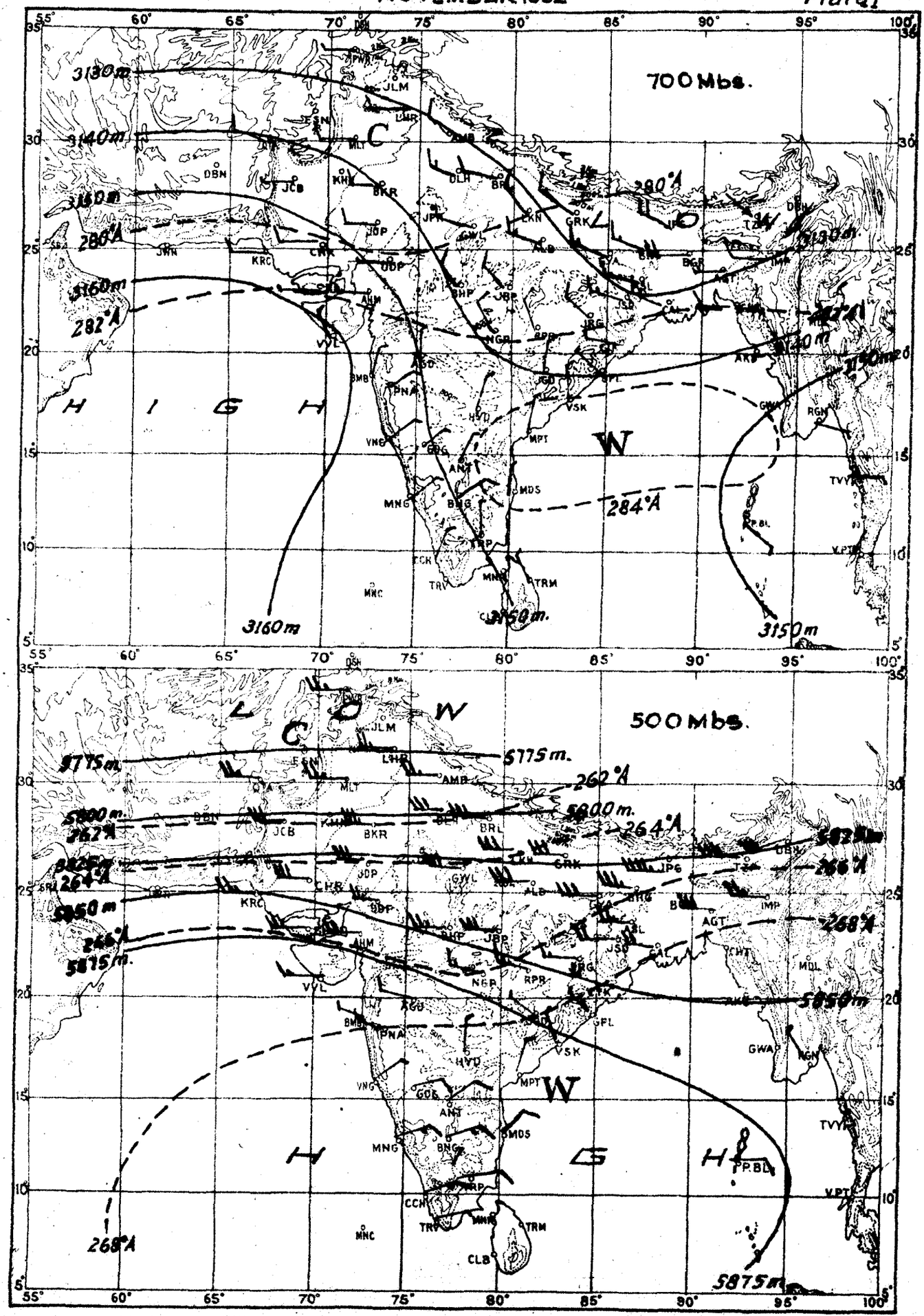
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,52.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

NOVEMBER 1952

Plate II



RESULTANT WIND —— = 5 Knots, —— = 10 Knots, —— = 50 Knots.

- - - - - Isotherms in degrees absolute. ——— Contours in geopotential metres.

S.PZ.P.POONA,53.

Registered No. B-3097

INDIA WEATHER REVIEW, 1952

MONTHLY WEATHER REPORT

DECEMBER

Published by authority of the Government of India

Chief features :—(i) Cyclonic weather in southeast Tamilnad in the beginning of the month, (ii) the formation of a shallow depression in the southeast Bay of Bengal and (iii) passage of seven western disturbances across north India during the month,

The severe cyclonic storm, which crossed the Coromandel coast near Nagapattinam on the evening of 30th November, weakened rapidly during the course of the night, and moving westwards across the south Peninsula, emerged as a well marked trough over east central Arabian Sea on the morning of the 1st. The trough subsequently moved away westwards across east central Arabian Sea towards the coast of Arabia by the end of the first week of the month.

Under the influence of the above, widespread rain occurred in Tamilnad on the 1st and 2nd, with locally heavy to very heavy falls on the 1st. Fairly widespread or local rain also occurred in Rayalaseema, Malabar-south Kanara, Mysore and Travancore-Cochin on the above two days. The main damage by heavy gales associated with the cyclonic storm was caused in southeast Tamilnad. According to the Chief Minister of Madras, about 168 people were killed and considerable damage was caused to the rural population in Tanjore and Tiruchirapalli districts.

Under the influence af another low pressure wave from the east, a shallow depression formed in the Bay of Bengal, centred near Lat. 8°N., Long 85°E on the 6th of the month. The depression moved northwestwards and passed inland across the south Coromandel coast by the 7th morning. Subsequently it weakened into a trough which persisted over the south Peninsula and adjoining Arabian Sea till the 10th. In association with the above, the northeast monsoon was active over the south Peninsula between the 7th and 13th. Locally heavy to very heavy falls occurred in south coastal Andhradesa and Tamilnad on the 7th and 8th. Villipuram and Vallam in Tamilnad recorded 11.1" and 8.9" respectively on the 7th.

Seven western disturbances moved across the north of the country during the month, Of these, the third, fourth, fifth and the seventh were active. The third western disturbance moved eastwards across the extreme north of the country on the 19th and caused local showers in and near ths Punjab hills on the 19th, and scattered showers in Jammu and Kashmir on the 20th. The fourth western disturbance moved eastwards from Western Pakistan to the Nepal hills between the 20th and 23rd, and fifth one moved across the Punjab (I) between the 23rd and 24th. Under the influence of these two disturbances fairly widespread thunder showers occurred in and near the Punjab hills between the 22nd and 24th, with local showers in Uttar Pradesh on the 21st and 22nd, in north Madhya Bharat on the 22nd & 23rd, in Vindhya Pradesh between the 22nd and 24th and in Southeast Rajasthan on the 22nd. Snow was reported from a few stations in Jammu and Kashmir on the 23rd and 24th. The last western disturbance moved across West Pakistan between the 28th and 31st, and induced a secondary over north Rajasthan and neighbourhood on the last day of the month. It caused local showers in the Punjab (I) and west Rajasthan on the 31st, with scattered snowfall in Jammu and Kashmir on the last two days of the month, The details regarding the movement of each of the above western disturbances is given in the following table :

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
1	12th–13th	North Baluchistan and adjoining North-west Frontier Province across extreme north of the country	—		
2	14th–15th	North-west Frontier Province across the extreme north of the country.	—	—	
3	17th–19th	South Baluchistan Punjab (I) extreme north of the country	In and near Punjab-Kumaon hills Jammu and Kashmir	Local showers on the 19th A few showers on the 20th	

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WEATHER BUREAU

S. No.	Period	Course	Regions affected	Nature of precipitation and date	Remarks
4	20th–23rd	West Pakistan-Nepal hills	Uttar Pradesh North Madhya Bharat Vindhya Pradesh Southeast Rajasthan	Local showers on the 21st and 22nd Local showers on the 22nd and 23rd Local showers between 22nd and 24th Local showers on the 22nd and a few showers on the 23rd	
5	23rd–24th	Hills of the Punjab (I) The Kumaon Hills	In and near the Punjab hills East and southwest Uttar Pradesh Plains of west Uttar Pradesh Jammu and Kashmir	Fairly widespread showers between 22nd and 24th A few showers on the 23rd A few showers on the 24th A few snowfall on the 23rd & 24th	
6	25th–26th	Northeast Baluchistan and adjoining northwest Frontier Province across north of the country	Jammu and Kashmir	A few snowfalls on the 26th	
7	29th–31st	North Baluchistan northeastwards across the North-West Frontier Province	Jammu and Kashmir Punjab (I), West Rajasthan East and northwest Uttar Pradesh	A few snowfalls on the 30th and 31st Local showers on the 31st A few light showers on the 31st	
7	31st–2nd January 1953	North Rajasthan-Western Himalayas	—	—	Secondary

Total rainfall for the month was in large excess in Madhya Bharat, east Madhya Pradesh, north Hyderabad, Coastal Andhradesa, Rayalaseema, Malabar and south Kanara and Mysore; in moderate excess in Tamilnad and in slight excess in Travancore-Cochin. It was in large defect in Bay Islands, Assam, Orissa, Chota Nagpur, Bihar, the Punjab (I), west Madhya Pradesh, the Konkan and Deccan (Desh); in moderate defect in Uttar Pradesh, east Rajastan and Vindhya Pradesh, and normal in south Hyderabad. Elsewhere there was no rain. Averaged over the plains of India, rainfall was 83% in excess.

The mean maximum temperature was above normal in West Bengal, Orissa, Chota Nagpur, the Punjab (I), the central parts of the country, in Gujarat, Deccan (Desh), and north Hyderabad and normal elsewhere.

The mean minimum temperature was above normal in Madhya Bharat Madhya Pradesh, Gujarat, Deccan (Desh), Hyderabad, coastal Andhradesa, Rayalaseema, Tamilnad and Mysore and normal over rest of the country.

The mean relative humidity in the morning was above normal in the Konkan, south Hyderabad and Mysore. It was normal over rest of the country outside Chota Nagpur where it was below normal.

The mean cloud amount in the morning was above normal in Uttar Pradesh, east Rajasthan, Madhya Bharat, Vindhya Pradesh, west Madhya Pradesh, Gujarat, Saurashtra and Kutch, the Konkan, Deccan (Desh), Hyderabad, Rayalaseema and Mysore. It was below normal in Assam, and West Bengal and normal elsewhere over the country.

Table I contains the divisional and sub-divisional means of rainfall, temperatures, humidity and cloud amounts for 13 chief political divisions and the 27 sub-divisions. The stations whose observations are used for preparing these means are given in the subsequent tables.

The highest maximum temperature given for any station in the accompanying tables is that recorded within the 24 hours ending at 0830 hrs. I.S.T. of the date noted in the succeeding column; similarly the heaviest fall in 24 hours for any station denotes the amount recorded during the 24 hours ending at 0830 hrs. I.S.T. of the date given in the succeeding column.

POONA—5,
the 11th February, 1954.

A. K. ROY,
for *Director General of Observatories.*

TABLE I—DIVISIONAL AND SUB-DIVISIONAL MEANS—DECEMBER 1952.

	Rainfall (inches)	Percentage of normal	Mean maximum temperature °F	Mean minimum temperature °F	Relative humidity % 0830 hrs. I.S.T.	Relative humidity % 1730 hrs. I.S.T.	Cloud 0830 hrs. I.S.T.	Cloud 1730 hrs. I.S.T.
1	2	3	4	5	6	7	8	9
Division								
1 Assam (including Manipur & Tripura) ...	0·08 −0·24	25 ...	75·6 +0·6	54·5 + 1·7	87 − 1	77 ...	1·7 − 0·9	1·3 ...
2 West Bengal ...	0 −0·15	0 ...	80·2 + 2·2	54·8 + 0·1	73 − 1	58 ...	0·8 − 0·5	0·9 ...
3 Orissa ...	0·01 −0·21	5 ...	83·0 + 2·6	59·5 + 1·7	72 0	57 ...	1·5 − 0·1	1·7 ...
4 Bihar ...	0·02 −0·13	13 ...	76·7 + 1·2	49·7 − 0·3	75 − 3	62 ...	0·9 − 0·1	1·1 ...
5 Uttar Pradesh ...	0·26 −0·14	65 ...	75·5 + 1·1	47·5 + 0·7	70 − 3	52 ...	2·0 + 0·6	2·3 ...
6 Punjab (I) (including PEPSU and Delhi) ...	0·15 −0·41	27 ...	74·8 + 2·1	43·3 − 0·7	67 − 3	41 ...	2·0 + 0·1	2·3 ...
7 Rajasthan ...	0·03 −0·11	35 ...	78·2 + 0·8	48·6 + 0·8	56 − 1	35 ...	1·9 + 0·4	2·3 ...
Sub-Division								
1 Bay Islands ...	3·51 −4·41	44 ...	84·3 + 0·7	73·4 + 0·5	72 + 1	78 ...	4·3 + 0·1	3·6 ...
2 Assam (including Manipur and Tripura) ...	0·08 −0·24	25 ...	75·6 + 0·6	54·5 + 1·7	87 − 1	77 ...	1·7 − 0·9	1·3 ...
3 West Bengal ...	0 −0·15	0 ...	80·2 + 2·2	54·8 + 0·1	73 − 1	58 ...	0·8 − 0·5	0·9 ...
4 Orissa ...	0·01 −0·21	5 ...	83·0 + 2·6	59·5 + 1·7	72 0	57 ...	1·5 − 0·1	1·7 ...
5 Chota Nagpur ...	0·07 −0·17	29 ...	78·9 + 2·9	50·5 + 0·4	64 − 6	53 ...	1·2 − 0·1	1·6 ...
6 Bihar ...	0·02 −0·13	13 ...	76·7 + 1·2	49·7 − 0·3	75 − 3	62 ...	0·9 − 0·1	1·1 ...
7 Uttar Pradesh, East ...	0·19 −0·10	66 ...	76·3 + 1·0	48·7 + 1·0	72 − 5	54 ...	1·9 + 0·7	2·2 ...
8 Uttar Pradesh, West ...	0·33 −0·18	65 ...	74·7 +1·1	46·5 + 0·5	69 − 2	50 ...	2·1 + 0·5	2·5 ...
9 Punjab (I) (including PEPSU and Delhi) ...	0·15 −0·41	27 ...	74·8 + 2·1	43·3 + 0·7	67 − 3	41 ...	2·0 + 0·1	2·3 ...
10 Jammu and Kashmir ...			Data	incomplete				
11 Rajasthan, West ...	0 −0·12	0 ...	78·3 + 1·0	47·5 + 1·0	55 − 1	37 ...	1·7 0	2·2 ...
12 Rajasthan, East (including Ajmer) ...	0·12 −0·10	55 ...	78·1 + 0·7	49·5 + 0·7	57 − 1	33 ...	2·0 + 0·6	2·3 ...
13 Madhya Bharat ...	0·62 +0·36	238 ...	80·3 + 2·2	50·5 + 2·7	56 − 2	36 ...	2·4 + 1·0	3·0 ...
14 Vindhya Pradesh ...	0·29 −0·10	74 ...	79·5 +3·8	48·0 + 1·5	69 6	45 ...	2·1 + 0·5	2·2 ...
Division—*contd.*								
8 Madhya Bharat and Vindhya Pradesh ...	0·49 +0·18	158 ...	80·0 + 2·8	49·6 + 2·3	61 − 1	40 ...	2·3 + 0·8	2·6 ...
9 Madhya Pradesh ...	0·20 −0·17	54 ...	83·6 + 3·5	56·0 + 3·7	61 − 2	42 ...	2·3 + 0·7	2·7 ...
10 Bombay (including Saurashtra & Kutch) ...	0·07 −0·11	39 ...	86·6 + 2·1	60·4 + 2·8	60 + 1	40 ...	2·0 + 0·6	2·5 ...
11 Hyderabad	0·30 +0·08	136 ...	85·2 + 1·6	63·4 + 3·7	69 + 5	41 ...	2·5 + 0·7	2·8 ...
12 Madras (including Travancore-Cochin) ...	4·17 +1·75	172 ...	84·6 + 0·1	70·0 + 2·2	79 + 2	66 ...	3·3 + 0·1	3·6 ...
13 Mysore ...	2·74 +2·24	548 ...	79·1 − 1·3	62·2 + 2·7	83 + 9	52 ...	3·9 + 0·7	3·6 ...
Mean of India ...	0·73 +0·18	135 ...	81·2 + 1·6	56·0 + 1·9	68 0	49 ...	2·2 + 0·3	2·4 ...
Sub-Division—*contd.*								
15 Madhya Pradesh, East ...	0·33 +0·12	157 ...	82·1 + 2·8	55·6 + 3·7	68 − 3	47 ...	1·6 0	2·2 ...
16 Madhya Pradesh, West ...	0·11 −0·34	24 ...	84·6 + 3·9	56·3 + 3·7	57 − 1	38 ...	2·7 + 1·2	3·0 ...
17 Gujarat ...	0 −0·05	0 ...	89·7 + 3·7	57·7 + 3·3	58 − 3	34 ...	1·8 + 0·6	2·2 ...
18 Saurashtra & Kutch ...	0 −0·07	0 ...	83·6 + 0·5	56·1 + 0·7	51 − 3	36 ...	1·8 + 0·5	1·8 ...
19 Konkan ...	0·11 −0·13	46 ...	86·9 + 0·8	69·9 + 1·7	72 + 6	65 ...	2·3 + 0·6	2·7 ...
20 Deccan (Desh) ...	0·12 −0·14	46 ...	86·7 + 2·7	60·9 + 4·4	63 + 3	38 ...	2·2 + 0·5	2·9 ...
21 Hyderabad, North ...	0·40 +0·17	174 ...	85·0 + 2·3	61·2 + 3·7	64 + 4	40 ...	2·5 + 0·7	2·9 ...
22 Hyderabad, South ...	0·19 −0·01	95 ...	85·3 + 1·1	63·4 + 3·6	73 + 7	42 ...	2·5 + 0·6	2·7 ...
23 Coastal Andhradesa ...	3·42 +2·51	376 ...	83·8 + 0·9	67·4 + 2·2	80 + 5	69 ...	2·7 − 0·1	2·7 ...
24 Rayalaseema ...	1·51 +1·17	444 ...	85·2 − 0·8	66·4 + 3·6	76 + 4	51 ...	2·9 + 0·5	3·9 ...
25 Tamilnad ...	6·53 +1·97	143 ...	83·6 − 0·2	71·5 + 2·3	82 + 1	69 ...	3·9 0	4·2 ...
26 Malabar & South Kanara ...	1·65 +0·89	217 ...	88·7 + 0·3	72·5 + 1·3	74 + 2	65 ...	2·7 + 0·2	2·9 ...
27 Mysore ...	2·74 +2·24	548 ...	79·1 − 1·3	62·2 + 2·7	83 + 9	52 ...	3·9 + 0·7	3·6 ...
28 Travancore-Cochin ...	2·45 +0·41	120 ...	86·6 − 0·3	73·3 − 0·1	75 − 1	67 ...	3·5 + 0·5	3·7 ...

NOTE.—The entries in the second line for each division and sub-divisioin ndicate departures from normal.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—DECEMBER 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bay Islands																												
Port Blair ...	84·3	+0·7	86	5days	73·4	+0·5	67	14,18	1·56	3·51	− 4·41	1·85	5	4	−3·2	8·7	7·7	−1·4	8	0	0	2	0	0	0	0	0	0
Assam																												
Mawsynram ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Dibrugarh ...	76·5	+2·5	79	13	54·5	+3·4	49	31	0	0·17	− 0·46	0·17	29	1	−0·4	1·2	0·8	+0·3	1	0	0	0	6	0	0	0	0	0
Dibrugarh (Mohanbari Aerodrome) ..	75·4	...	77	11days	50·6	...	44	31	0	0·12	...	0·10	29	1	...	2·3	1·1	...	2	0	0	1	24	0	0	0	0	0
Sibsagar ...	70·1	−2·1	77	18	53·7	+2·8	50	31	0	0·40	− 0·18	0·40	29	1	−0·5	1·4	1·1	+0·1	1	0	0	1	18	0	0	0	0	0
Tezpur ...	78·5	+3·3	81	10,12	56·0	+1·9	50	31	0	0	− 0·25	0	...	0	−0·7	0·7	0·6	−0·8	0	0	0	0	1	0	0	0	0	0
Tezpur (P. B. O.) ...	76·7	...	79	2,10	54·5	...	47	31	0	0	...	0	...	0	...	5·0	0·4	...	0	0	0	0	12	0	0	0	2	0
Gauhati ...	77·5	+1·9	80	8	53·8	+1·1	50	31	0	0	− 0·16	0	...	0	−0·5	2·6	1·3	+0·2	0	0	0	0	12	0	0	0	0	0
Gauhati (Kaikuchi Aerodrome) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	27	0	0	0	0	0
Dhubri ...	75·8	+1·7	77	10days	58·7	+3·0	52	29	0	0	− 0·07	0	...	0	−0·1	2·0	1·5	−2·0	0	0	0	0	2	0	0	0	0	0
Silchar ...	79·2	−0·6	81	6days	54·8	+0·1	51	27,28 30	0	0	− 0·42	0	...	0	−0·7	0·9	0·3	−0·6	0	0	0	0	0	0	0	0	0	0
Tura ...	75·1	...	77	4days	56·0	...	51	30	0	0	...	0	...	0	...	2·0	2·7	...	0	0	0	0	6	0	0	0	0	0
Lumding ...	71·5	−2·5	77	4days	50·2	−0·5	46	28	0	0	− 0·14	0	...	0	−0·4	2·3	0·2	...	0	0	0	0	0	0	0	0	0	0
West Bengal																												
DumDum ...	80·3	...	83	4days	55·4	...	53	4days	0	0	...	0	...	0	...	2·1	1·5	...	0	0	0	0	3	0	0	0	0	0
Calcutta ...	81·1	+1·7	84	8	56·4	+1·4	54	5days	0	0	− 0·18	0	...	0	−0·3	2·6	1·3	−0·6	0	0	0	0	6	0	0	0	0	0
Saugor Island ...	78·6	+1·7	83	9	60·5	+1·3	57	13,14	0	0	− 0·21	0	...	0	−0·4	7·3	5·2	−0·3	0	0	0	0	14	0	0	0	0	0
Sandheads ...	...	...	...	...	...	...	...	...	0	0	− 0·15	0	...	0	−0·3	...	...	...	0	0	0	0	1	0	0	0	0	0
Midnapore ...	81·1	+1·3	84	21	53·9	−1·6	49	1,15	0	0	− 0·16	0	...	0	−0·3	2·9	1·4	0	0	0	0	0	0	0	0	0	0	0
Contai ...	83·5	...	85	4days	55·0	...	53	5days	0	0	...	0	...	0	...	2·0	1·5	...	0	0	0	0	0	0	0	0	0	0
Bankura ...	...	...	...	...	...	...	...	...	...	0	− 0·11	0	...	0	−0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Burdwan ...	81·2	+2·3	83	6days	51·3	−1·6	51	12,13 17	0	0	− 0·19	0	...	0	−0·3	1·0	0·6	−0·6	0	0	0	0	0	0	0	0	0	0
Krishnagar ...	83·2	+4·5	88	9	51·8	−1·3	48	28	0	0	− 0·11	0	...	0	−0·2	1·8	1·0	−0·1	0	0	0	0	0	0	0	0	0	0
Asansol ...	80·4	+1·8	83	23,24	54·3	+0·9	51	4days	0	0	− 0·18	0	...	0	−0·4	3·0	2·3	−1·0	0	0	0	0	0	0	0	0	0	0
Berhampore ...	80·7	+3·6	84	7,8	54·7	−0·4	51	1, 28,30	0	0	− 0·16	0	...	0	−0·4	1·3	0·7	−0·2	0	0	0	0	10	0	0	0	0	0
Malda ...	77·3	+1·5	79	6days	53·5	0	44	30	0	0	− 0·07	0	...	0	−0·2	3·4	2·0 (b)	−0·8	0	0	0	0	0	0	0	0	0	0
Cooch Behar ...	78·3	...	81	3,4	55·8	...	46	30	0	0	− 0·16	0	...	0	−0·3	2·1	1·2	...	0	0	0	0	0	0	0	0	0	0
Jalpaiguri ...	78·4	+1·7	80	10days	55·1	+1·9	48	29	0	0	− 0·17	0	...	0	−0·4	2·6	1·7	+0·9	0	0	0	0	5	0	0	0	0	0
Bagdogra ...	79·5	...	82	4days	50·0	...	43	30	0	0	...	0	...	0	...	2·1	1·0	...	0	0	0	0	1	0	0	0	0	0
Orissa																												
Balasore ...	82·6	+2·6	86	20	57·3	+1·6	52	1	0	0	− 0·16	0	...	0	−0·3	3·4	2·1 (b)	+0·5	0	0	0	0	0	0	0	0	0	0
Chandbali ...	83·1	+2·8	86	20,21 26	58·5	+0·7	53	1,2	0	0	− 0·03	0	...	0	−0·1	4·0	3·0	−0·3	0	0	0	0	0	0	0	0	0	0
Puri ...	81·8	+1·3	84	24,25 26	61·7	+2·2	51	4,5	0	0	− 0·24	0	...	0	−0·4	7·5	6·7	+0·9	0	0	0	0	0	0	0	0	0	0
Bhubaneswar ...	84·3	...	90	31	60·6	...	55	15,16	0	0	...	0	...	0	...	4·7	4·3	...	0	0	0	0	3	0	0	0	0	0
Cuttack ...	85·6	+4·4	88	5days	61·5	+2·8	57	6days	0	0	− 0·23	0	...	0	−0·4	1·6	1·6	+0·7	0	0	0	0	0	0	0	0	0	0
Cuttack (P. B. O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	2·2	1·0	...	0	0	0	0	2	0	0	0	0	0
Gopalpur ...	82·2	+1·8	84	4days	63·3	+2·3	59	5days	0	0·05	− 0·48	0·05	11	0	−0·7	7·0	5·5	−0·6	1	0	0	0	0	0	0	0	0	0
Koraput ...	77·4	...	80	4,5,7	55·3	...	49	24	0·59	1·14	...	0·66	10	3	...	...	...	...	3	0	0	0	3	0	0	0	0	0
Angul ...	82·2	+2·2	86	21	57·1	+2·1	52	1,2,14	0	0	− 0·14	0	...	0	−0·4	2·3	2·5	−0·5	0	0	0	0	1	0	0	0	0	0
Sambalpur ...	83·4	+3·2	86	10,21 23	54·2	+0·4	48	2	0	0	− 0·17	0	...	0	−0·3	2·1	1·3	−0·6	0	0	0	0	0	0	0	0	0	0
Jharsuguda ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Titilagarh ...	83·7	...	87	12	56·6	...	50	5	0	0	...	0	...	0	...	1·9	1·1	...	0	0	0	0	0	0	0	0	0	0
Chota Nagpur																												
Purulia ...	79·5	...	83	21,23 24	53·8	...	49	13	0	0	...	0	...	0	...	2·0	1·5	...	0	0	0	0	0	0	0	0	0	0
Jamshedpur ...	81·4	+1·6	86	22	52·6	+1·1	48	4days	0	0	− 0·23	0	...	0	−0·4	2·5	1·4	−0·1	0	0	0	0	0	0	0	0	0	0
Jamshedpur (P.B.O.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Chaibasa ...	81·5	+3·3	85	22	53·6	+2·0	48	1,14 15	0	0	− 0·18	0	...	0	−0·4	0·8	0·8	−0·3	0	0	0	0	0	0	0	0	0	0
Ranchi ...	77·4	+4·5	81	24	50·5	−0·1	45	13,14	0	0·05	− 0·22	0·05	28	0	−0·6	1·4	1·5	−1·4	1	0	0	0	0	0	0	0	0	0
Hazaribagh ...	75·9	+3·5	79	19,22	48·1	−1·9	43	12,13	0	0·13	− 0·14	0·13	28	1	+0·5	3·2	1·8	−2·7	1	0	0	0	0	0	0	0	0	0
Hazaribagh(C.W.) ...	76·4	...	80	19	47·8	...	43	13,14	0	0·12	...	0·12	28	1	...	1·8	1·0	...	1	0	0	0	0	0	0	0	0	0
Daltonganj ...	78·1	+1·7	82	4days	47·6	+1·1	40	14	0	0·16	− 0·09	0·16	28	1	+0·5	1·9	1·1	−0·4	1	0	0	0	0	0	0	0	0	0
Bihar																												
Purnea ...	75·6	−0·7	79	6days	47·8	−1·7	39	29,30	0	0	− 0·12	0	...	0	−0·3	1·4	1·2	+0·1	0	0	0	0	0	0	0	0	0	0
Darbhanga ...	74·9	−1·5	77	5days	51·5	−0·3	44	29	0	0	− 0·12	0	...	0	−0·3	0·2	0	−1·1	0	0	0	0	0	0	0	0	0	0
Motihari ...	77·3	+2·1	80	4days	48·6	+0·5	44	30,31	0	0	+ 0·15	0	...	0	−0·4	1·0	1·1	−0·2	0	0	0	0	23	0	0	0	0	0
Muzaffarpur ...	...	...	...	...	...	...	...	...	...	0	+ 0·12	0	...	0	−0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
Chapra ...	...	...	...	...	...	...	...	...	...	0	− 0·14	0	...	0	−0·4	...	...	...	...	...	...	...	...	...	...	...	...	...

(b) Mean of 25 days

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena — No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Bihar—*contd.*																												
Arrah ...	...	...	...	...	...	...	...	...	...	0	- 0·17	0	...	0	-0·5	...	...	...	...	...	...	...	...	...	...	...	...	
Patna ...	77·7	+3·1	82	9	52·3	0	46	29	0	0	- 0·22	0	...	0	-0·5	3·1	2·3	+0·6	0	0	0	0	2	0	0	0	0	
Patna (Aerodrome) ...	77·3	...	80	8,25	49·4	...	41	30	0	0	...	0	...	0	...	3·8	1·7	...	0	0	0	0	4	0	0	0	0	
Dehri ...	78·5	...	82	20,25	52·4	...	48	4days	0	0	- 0·18	0	...	0	-0·5	2·8	1·8	...	0	0	0	0	0	0	0	0	0	
Gaya ..	78·3	+3·7	82	25	49·8	+1·2	44	14,15	0	0·16	- 0·02	0·16	28	1	+0·6	3·7	2·4	-0·7	1	0	0	1	0	0	0	0	0	
Jamui ...	78·3	...	82	25	50·6	...	46	30	0	0	...	0	...	0	...	3·4	2·0	...	0	0	0	0	0	0	0	0	0	
Dumka ...	80·5	+4·1	85	25	51·0	-0·6	48	12,17, 31	0	0	- 0·13	0	...	0	-0·3	...	...	...	0	0	0	0	0	0	0	0	0	
Sabour ...	77·2	+1·5	80	9	47·1	-0·8	39	30	0	0	- 0·12	0	...	0	-0·1	3·7	1·7	-1·0	0	0	0	0	0	0	0	0	0	
Bhagalpur ...	78·1	...	82	5	53·9	...	47	30	0	0	...	0	...	0	...	3·4	2·1	...	0	0	0	0	0	0	0	0	0	
U. P., East																												
Gonda ...	76·6	+0·8	80	4days	47·9	+0·2	43	29	0·13	0·19	-0·13	0·13	23	1	-0·1	2·2	1·5	-0·6	2	0	0	1	1	0	0	0	0	
Gorakhpur ...	76·6	+2·1	80	1,2	50·4	+0·6	45	29	0	0	-0·19	0	...	0	-0·4	3·0	1·6	+0·8	0	0	0	0	0	0	0	0	0	
Azamgarh ...	78·5	...	83	25	48·1	...	43	29,30	0	0	...	0	...	0	...	3·1	1·5	...	0	0	0	0	0	0	0	0	0	
Banaras ...	76·9	+1·7	81	19	48·1	-0·1	42	30	0	0	-0·27	0	...	0	-0·5	4·0	3·3	+1·5	0	0	0	0	0	0	0	0	0	
Banaras (Babatpur Aerodrome) ...	77·3	...	81	19,25	47·2	...	41	29,30	0·02	0·07	...	0·05	28	0	-0·7	3·2	3·3	...	2	0	0	2	0	0	0	0	0	
Allahabad (Bamrauli) ...	77·5	+1·8	82	19,25	49·3	+2·2	42	13	0	0	-0·34	0	...	0	...	3·1	1·7	-0·4	0	0	0	1	0	0	0	0	0	
Fatehpur ..	73·1	-3·0	78	18,19, 20	48·1	+0·6	41	29	0·07	0·35	+0·01	0·22	21	1	-0·1	2·6	1·1	-0·5	3	0	0	1	0	0	0	0	0	
Banda ...	78·8	...	85	19	49·5	...	42	12,29	0	0·14	...	0·05	22,23	0	...	1·1	0·5	...	3	0	0	1	0	0	0	0	0	
Orai ...	76·6	...	81	16,17	49·2	...	44	13	0	0·47	...	0·37	22	2	...	3·9	3·1	...	2	0	0	2	0	0	0	0	0	
Kanpur ...	76·9	+2·9	82	19	48·6	+2·1	42	12,13, 29	0·19	0·59	+0·31	0·27	22	3	+2·2	5·3	3·4	+1·3	3	0	0	2	0	0	0	0	0	
Lucknow ...	76·6	+0·7	81	2,20	48·6	+1·3	44	13,14, 16	0·14	0·21	-0·11	0·10	21	1	+0·3	1·9	0·8	-0·2	4	0	0	3	0	0	0	0	0	
Lucknow (Amausi Aerodrome) ...	75·9	...	80	5	44·2	...	37	29	0·09	0·18	...	0·07	23	0	...	2·7	1·5	...	4	0	0	3	3	0	0	0	0	
Hardoi ...	75·8	...	80	9	46·9	...	42	28,29	0	0·05	...	0·05	22	0	...	3·4	2·2	...	1	0	0	0	0	0	0	0	0	
Lakhimpur Kheri ...	76·6	...	81	6	47·5	...	42	28	0	0·05	...	0·05	22	0	...	1·8	1·2	...	1	0	0	1	0	0	0	0	0	
Bahraich ...	77·2	+2·2	81	9,20	45·0	-0·2	41	29	0	0·12	-0·22	0·12	22	1	+0·1	2·5	1·9	+0·7	1	0	0	0	0	0	0	0	0	
U. P., West																												
Jhansi ...	76·3	-1·8	82	2	49·5	+1·2	44	12	0·66	1·12	+0·83	0·71	23	2	+1·2	3·7	2·8	+0·8	3	0	0	0	0	0	0	0	0	
Agra ...	75·7	+0·3	80	1,3,5	47·3	+1·0	41	13	0·50	0·85	+0·46	0·85	22	1	+0·2	1·8	1·2	-1·1	1	0	0	4	0	0	0	0	0	
Mainpuri ...	77·0	+1·6	81	5days	47·3	+1·0	40	13	0	0·24	-0·13	0·14	22	2	+1·2	...	...	...	2	0	0	0	0	0	0	0	0	
Aligarh ...	75·5	+1·5	80	1,4,5	46·2	-0·9	39	13	0·14	0·34	-0·09	0·22	22	2	+0·8	...	...	...	2	0	0	2	0	0	0	0	0	
Bareilly ...	76·0	+2·9	80	1	48·3	+1·7	42	29	0	0·05	-0·36	0·05	22	0	-1·0	2·1	1·0	-0·2	1	0	0	0	0	0	0	0	0	
Meerut ...	74·0	+1·1	78	1,3,4	45·6	+1·9	39	13,14	...	0	-0·48	0	...	0	-1·2	...	2·7	...	0	0	0	0	0	0	0	0	0	
Roorkee ...	73·0	+1·8	78	2	42·6	-0·8	37	29	0	0·03	-0·62	0·03	31	0	-1 3	3·1	2·0	+0·7	1	0	0	0	0	0	4	0	0	
DehraDun ...	70·3	+1·6	77	3	45·0	-0·1	39	27	0	0	-1·02	0	...	0	-1·7	2·1	1·6	+0·1	0	0	0	0	0	0	0	0	0	
Punjab (I)																												
New-Delhi ...	74·7	+1·0	80	5	47·1	+2·1	40	13	0	0·06	-0·37	0·06	31	0	-0·9	4·9	2·8	...	1	0	0	1	1	0	0	0	0	
Hissar ...	75·4	+1·2	81	5,7	42·0	-1·2	36	26	0	0	-0·39	0	...	0	-1·0	3·0	2·8	-0·2	0	0	0	0	0	0	0	0	0	
Karnal ...	72·6	...	78	3	43·9	...	40	13,26, 28	0	0·08	...	0·07	31	0	...	0·2	0·1	...	2	0	0	0	0	0	0	0	0	
Ambala ...	74·8	+2·5	80	3,4,7	41·8	-2·0	36	10,12	0·57	0·64	-0·12	0·60	24	1	-1·5	4·3	3·2	+1·1	2	0	0	0	0	0	0	0	0	
Patiala ...	74·0	...	80	3,4,7	43·3	...	37	26	0·02	0·06	-0·45	0·03	31	0	...	4·5	3·8	...	3	0	0	0	0	0	0	0	0	
Ludhiana ...	74·3	+3·5	81	5	42·5	-1·7	37	27	0	0	-0·72	0	...	0	-1·4	0·1	0·1	-1·0	0	0	0	0	0	0	0	0	0	
Ferozepur ...	72·2	...	79	3,5,6	42·2	...	33	26	0	0	...	0	...	0	...	1·5	0·7	...	0	0	0	0	0	0	0	0	0	
Amritsar ...	71·5	...	79	5	37·0	...	32	4days	0	0	..	0	...	0	...	5·9	4·5	...	0	0	0	0	0	0	0	0	0	
Pathankot ...	71·2	...	78	5,7	43·9	...	40	27,28	0	0·46	...	0·35	23	1	...	2·3	2·0	...	3	0	0	0	0	0	0	0	0	
Jammu and Kashmir																												
Srinagar ...	48·1	-0·1	59	1	26·9	-0·7	20	10	0·23	1·11	-0·21	0·53	19	4	-0·6	1·2	1·4	-0·6	7	5	0	0	0	0	0	0	0	
Gulmarg ...	...	...	...	...	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Sonamarg ...	...	...	...	...	...	...	...	...	...	3·74	-1·88	1·20	19	8	+0·7	...	...	...	...	...	...	...	...	...	...	...	...	
Dras (R) ...	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Kargil (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Leh ...	37·3	+2·0	48	3	15·5	+2·8	4	29	0	0	-0·19	0	...	0	-0·6	3·6	3·0	+1·6	0	0	0	0	0	0	0	0	0	
Skardu (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Gurez ...	...	...	...	...	...	...	...	...	...	3·88	-1·11	0·80	22,31	6	-0·5	...	...	...	...	...	...	...	...	...	...	...	...	
Gilgit (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Misgar (R) ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Jammu ...	65·3	-2·7	75	8	45·7	-3·4	43	24 30	...	0·23	-0·01	0·20	19	1	-1·6	...	...	...	2	0	0	0	0	0	0	0	0	

(R) Register not received.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with										
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rajasthan, West																												
Sri Ganganagar ...	78·7	+5·1	88	4days	43·1	+3·1	36	26	0	0	−0·12	0	...	0	−1·0	3·6	2·2	−1·4	0	0	0	0	0	0	0	0	0	0
Bikaner ...	75·1	−1·4	82	4	40·0	−2·0	33	26,28	0	0·02	−0·18	0·02	31	0	−0·5	2·6	1·8	−0·7	1	0	0	0	0	0	0	0	0	0
Jaisalmer ...	78·5	...	85	5 days	46·4	...	39	19,28	0	0·05	...	0·05	31	0	...	5·8	4·4	...	1	0	0	0	0	0	0	0	0	0
Jodhpur ...	80·0	+1·0	86	1	52·4	+1·9	45	14,28	0	0	−0·11	0	...	0	−0·3	4·5	4·6	...	0	0	0	0	0	0	0	0	0	0
Phalodi ...	75·3	...	81	4 days	45·4	...	40	4days	0	0	−0·10	0	...	0	−0·2	2·7	3·7	...	0	0	0	0	0	0	0	0	0	0
Barmer ..	79·3	−0·8	85	1,3,6	54·4	−0·9	47	22,24	0	0	−0·10	0	...	0	−0·3	5·1	5·1	+0·1	0	0	0	0	0	0	0	0	0	0
Rajasthan, East																												
Sikar ...	76·7	...	84	1	41·1	...	32	28	0·01	0·01	...	0·01	24	0	...	4·3	3·2	...	1	0	0	0	0	0	0	0	0	0
Jaipur ...	76·5	+0·1	83	1	49·2	+1·6	40	28	0	...	−0·30	0	...	0	−0·7	3·5	3·0	−0·1	0	0	0	1	0	0	0	0	0	0
Jaipur (Sanganer Aerodrome) ...	76·0	...	83	1	48·4	...	40	29	0	0	...	0	...	0	...	9·7	5·1	...	5	0	0	0	0	0	0	0	0	0
Ajmer ...	75·7	+0·3	81	1	45·7	−0·9	39	29	0	0	−0·26	0	...	0	...	3·4	2·3	+1·1	0	0	0	0	0	0	0	0	0	0
Kotah ...	80·1	+1·0	85	4,6,17	53·1	+1·0	47	29	0	0·20	−0·01	0·20	22	1	−0·5	2·0	1·3	+0·3	1	0	0	1	0	0	0	0	0	0
Jhalawar ...	80·3	+2·1	86	1	51·3	+2·6	44	3	0·07	0·39	+0·20	0·39	22	1	+0·7	1·9	1·5	0	1	0	0	3	0	0	0	0	0	0
Udaipur ...	78·0	−0·2	84	14	48·0	−0·6	41	29	0	0	−0·11	0	...	0	−0·3	2·4	1·1	...	0	0	0	0	0	0	0	0	0	0
Madhya Bharat																												
Gwalior (P.B.O.) ...	76·6	+0·3	82	17,19	44·5	−0·2	35	11,12	0·53	2·12	+1·88	1·25	21	2	+1·3	4·0	2·2	...	3	0	0	3	0	0	0	0	0	0
Sheopur Kalan ...	80·3	...	85	14,15	46·6	...	39	29	0	0·38	...	0·38	22	1	..	...	...	...	1	0	0	1	0	0	0	0	0	0
Guna ...	79·7	+1·8	85	15,18	49·2	+3·7	41	29	0·17	0·60	+0·18	0·35	23	2	+0·8	3·3	2·5	+0·9	2	0	0	3	0	0	0	0	0	0
Neemuch ...	80·3	+1·9	85	13.15	52·3	+2·9	45	29	0	0	−0·18	0	...	0	−0·5	4·0	3·2	−0·3	0	0	0	0	0	0	0	0	0	0
Ratlam ...	84·3	...	89	13	55·0	...	51	15,29	0	0	...	0	...	0	...	4·6	4·7	...	0	0	0	0	0	0	0	0	0	0
Indore ...	83·8	+4·1	87	14,15	52·7	+3·1	46	1,2,3	0	0	−0·27	0	...	0	−0·6	6·1	3·2	+0·4	0	0	0	2	0	0	0	0	0	0
Bhopal (Bairagarh) ...	81·2	+3·0	86	18	53·7	+4·1	47	4	0	0·37	+0·17	0·34	20	1	+0·5	7·0	6·2	+2·6	2	0	0	2	0	0	0	0	0	0
Vindhya Pradesh																												
Nowgong ...	77·5	+3·0	86	19	47·4	+1·0	39	12,13	0·13	0·78	+0·38	0·72	23	1	+0·3	3·0	1·6	+0·7	3	0	0	4	0	0	0	0	0	0
Satna ...	79·3	+3·6	85	19	48·6	+1·1	40	13	0	0·03	−0·40	0·03	28	0	−0·9	3·0	1·6	−0·1	1	0	0	1	0	0	0	0	0	0
Umaria ...	81·6	+4·7	86	19	48·1	+2·3	41	1	0	0·06	−0·29	0·06	28	0	−0·9	2·1	1·2	−0·6	1	0	0	2	0	0	0	0	0	0
Madhya Pradesh, East																												
Gondia ...	84·0	...	88	7,18	56·5	...	49	1,3,4	0	0	...	0	...	0	...	2·3	1·1	...	0	0	0	0	1	0	0	0	0	0
Pendra ...	77·8	+4·1	82	21	52·9	+3·3	49	6days	0	0·07	−0·22	0·07	28	0	−0·5	3·5	1·9	−0·4	1	0	0	0	0	0	0	0	0	0
Raigarh ...	84·4	...	87	4 days	57·2	...	51	1	0	0	...	0	...	0	...	3·2	2·1	...	0	0	0	0	0	0	0	0	0	0
Ambikapur ...	76·8	...	81	22,25	46·0	...	38	12,13	0	0·02	...	0·02	28	0	...	4·2	3·2	...	1	0	0	0	0	0	0	0	0	0
Champa ...	83·5	...	86	4days	57·6	...	52	13	0	0	...	0	...	0	...	2·5	2·7	...	0	0	0	0	0	0	0	0	0	0
Raipur ...	82·3	+2·3	85	5days	57·8	+3·3	50	1	0	0	−0·20	0	...	0	−0·3	3·2	2·0	−0·7	0	0	0	0	0	0	0	0	0	0
Kanker ...	82·8	−2·7	86	19	55·3	+4·6	47	5	0	0	−0·14	0	...	0	−0·4	1·8	1·3	−0·4	0	0	0	0	0	0	0	0	0	0
Chanda ...	85·3	+2·8	89	15,17	57·4	+4·6	47	6	0	0	−0·27	0	...	0	−0·7	2·8	1·4	+0·1	0	0	0	0	0	0	0	0	0	0
Sironcha ...	84·8	...	89	12	60·8	...	54	6	0	0	...	0	...	0	...	3·2	2·0	...	0	0	0	0	0	0	0	0	0	0
Jagdalpur (P.B.O.)..	82·3	+2·3	85	4days	54·5	+2·9	49	5	0·57	1·57	+1·41	1·51	10	1	+0·6	1·7	0·8	...	3	0	0	0	9	0	0	0	0	0
Madhya Pradesh, West																												
Buldhana ...	84·2	...	87	5days	62·7	...	56	1	0	0·14	...	0·14	14	1	...	6·8	5·6	...	1	0	0	0	0	0	0	0	0	0
Akola ...	88·8	+4·1	92	18	59·4	+6·1	47	1	0	0	−0·54	0	...	0	−0·9	4·4	3·8	+1·4	0	0	0	0	0	0	0	0	0	0
Amravati ...	86·6	+3·4	90	11,16, 17	62·3	+3·9	58	1,27	0	0	−0·44	0	...	0	−0·8	5·4	5·3	+2·0	0	0	0	0	0	0	0	0	0	0
Yeotmal ...	84·1	...	89	15	61·2	...	53	6,7	0	0	...	0	...	0	...	5·8	5·1	...	0	0	0	0	0	0	0	0	0	0
Khandwa ...	89·1	+5·0	93	14	56·8	+5·3	45	1,2	0·02	0·02	−0·30	0·02	14	0	−0·5	4·7	3·0	+0·8	1	0	0	0	0	0	0	0	0	0
Hoshangabad ...	83·5	+3·5	89	18	52·7	−1·2	44	3	0	0·01	−0·46	0·01	14	0	−0·7	2·8	2·3	+0·4	1	0	0	1	0	0	0	0	0	0
Sagar ...	78·5	+1·6	86	18	56·2	+3·2	50	29	0	0·88	+0·37	0·88	20	1	+0·2	7·3	9·4	+2·1	1	0	0	2	0	0	0	0	0	0
Jabalpur ...	83·2	+6·1	89	18 21	51·0	+4·5	42	1,3	0	0	−0·37	0	...	0	−0·7	2·7	1·6	+0·5	0	0	0	0	0	0	0	0	0	0
Mandla ...	81·7	...	85	16.18, 21	47·1 (i)	...	38	3	0	0	...	0	...	0	...	2·5	1·2	...	0	0	0	0	2	0	0	0	0	0
Seoni ...	81·7	+1·0	87	16	56·1	+5·5	...	...	0	0	−0·52	0	...	0	−0·9	2·1	0·9	−1·1	0	0	0	0	0	0	0	0	0	0
Chhindwara ...	81·9	...	85	9,10,17	52·3	...	45	1	0	0	...	0	...	0	...	3·9	2·2	...	0	0	0	0	0	0	0	0	0	0
Betul ...	83·7	...	87	10,18	54·6	...	42	2	0	0	...	0	...	0	...	4·0	2·8	...	0	0	0	0	0	0	0	0	0	0
Nagpur ...	85·4	+3·7	89	4days	55·7	+1·9	47	1	0	0	−0·47	0	...	0	−0·8	4·1	2·5	...	0	0	0	0	0	0	0	0	0	0

[i] Mean of 22 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gujarat																												
Deesa ...	85·9	...	93	15	52·1	...	47	14,15, 16	0	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Surat ...	94·9	+7·0	101	6,7	62·9	+3·5	59	28	0	0	−0·08	0	...	0	−0·1	4·3	3·9	+1·2	0	0	0	0	0	0	0	0	0	0
Ahmedabad ...	86·6	+1·9	91	5,6	54·8	+1·0	49	14,18, 22	0	0	−0·04	0	...	0	−0·1	6·1	3·4	+1·4	0	0	0	0	0	0	0	0	0	0
Dohad ...	87·6	+3·3	92	13	57·3	+4·2	51	15	0	0	−0·08	0	...	0	−0·3	5·8	4·8	+2·3	0	0	0	1	0	0	0	0	0	0
Baroda ...	89·8	+2·6	95	5	55·6	+4·3	50	2	0	0	−0·02	0	...	0	−0·1	2·4	2·1	0	0	0	0	0	0	0	0	0	0	0
Baroda (Aerodrome) ...	88·5	...	95	5	59·3	...	53	18	0	0	...	0	...	0	...	4·7	3·9	...	0	0	0	0	0	0	0	0	0	0
Broach ...	93·3	...	99	8	58·6	...	54	2,19	0	0	...	0	...	0	...	3·6	3·0	...	0	0	0	0	0	0	0	0	0	0
Saurashtra & Kutch																												
Bhuj ...	81·7	−0·1	90	5	52·9	−1·5	47	24,28	0	0	−0·07	0	...	0	−0·1	5·0	2·6	−1·0	0	0	0	0	0	0	0	0	0	0
Bhuj (P.B.O.) ...	...	...	...	...	...	...	...	...	0	0	...	0	...	0	...	4·4	2·3	...	0	0	0	0	0	0	0	0	0	0
Dwarka ...	81·0	−0·2	90	6	62·3	+0·4	57	20,28, 31	0	0	−0·09	0	...	0	−0·2	11·8	8·9	+1·4	0	0	0	0	0	0	0	0	0	0
Jamnagar ...	81·6	−0·9	88	6	54·3	+2·9	48	24, 29, 30	0	0	−0·08	0	...	0	−0·1	...	...	...	0	0	0	0	0	0	0	0	0	0
Rajkot ...	85·6	+0·5	93	5	54·2	+0·7	48	28, 29, 30	0	0	−0·06	0	...	0	−0·2	7·0	5·0	+1·4	0	0	0	0	0	0	0	0	0	0
Rajkot (Aerodrome) ...	85·9	...	93	5	53·6	...	48	28	...	0	...	0	...	0	...	...	7·6	...	0	0	0	0	0	0	0	0	0	0
Veraval ...	85·5	...	96	7	61·5	...	53	29	0	0	−0·07	0	...	0	−0·2	10·7	9·4	+5·0	0	0	0	0	0	0	0	0	0	0
Bhavnagar ...	88·3	+3·2	94	13	56·7	+1·0	53	6days	0	0	−0·06	0	...	0	−0·1	4·3	2·7	−0·4	0	0	0	0	0	0	0	0	0	0
Bhavnagar (Aerodrome) ...	85·8	...	92	5	58·7	...	54	29	...	0	...	0	...	0	...	...	7·8	...	0	0	0	0	0	0	0	0	0	0
Konkan																												
Dahanu ...	84·0	...	96	5	64·8	...	60	30	0	0	...	0	...	0	...	9·1	6·4	...	0	0	0	0	0	0	0	0	0	0
Bombay-(Colaba) ...	88·5	+1·9	95	3,5	70·0	+1·2	67	5days	0	0	−0·08	0	...	0	−0·2	6·1	5·2	−1·3	0	0	0	0	0	0	0	0	0	0
Bombay-(Santa Cruz Arodrome) ...	89·9	+1·9	95	5,6	64·3	+4·1	59	8,19, 28	0	0	−0·08	0	...	0	−0·2	7·1	4·3	...	0	0	0	0	0	0	0	0	0	0
Alibag ...	85·0	−0·2	91	3	66·8	+1·6	63	5days	...	0	−0·15	0	...	0	−0·4	...	1·8	−2·7	0	0	0	0	0	0	0	0	0	0
Harnai ...	83·9	...	91	3	74·3	...	70	18	0	0	...	0	...	0	...	6·8	5·3	...	0	0	0	0	0	0	0	0	0	0
Ratnagiri ...	89·1	...	93	3,13	69·2	...	64	7	0	0·05	...	0·05	11	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Devgad ...	88·0	...	93	3	71·3	...	67	1	0	0	...	0	...	0	...	7·7	5·9	...	0	0	0	0	0	0	0	0	0	0
Vengurla ...	91·2	...	95	2,3	68·5	...	64	7	0	0·02	...	0·02	10	0	...	...	... (a)	...	1	0	0	1	0	0	0	0	0	0
Marmagao ...	87·3	+0·6	91	3	73·0	+2·2	70	7	0	0·02	−0·33	0·02	10	0	−0·6	7·4	5·8	+0·4	1	0	0	3	0	0	0	0	0	0
Honavar ...	89·8	...	94	27	70·7	...	66	16	0·15	0·40	+0·03	0·16	9	2	+1·6	3·4	2·7	...	4	0	0	3	0	0	0	0	0	0
Deccan (Desh)																												
Khandala ...	...	...	...	...	...	...	...	...	...	0·02	−0·10	0·02	14	0	0	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalgaon ...	90·6	...	93	5days	59·4	...	49	1	0	0·17	−0·05	0·17	14	1	+0·6	7·0	5·9	...	1	0	0	0	0	0	0	0	0	0
Malegaon ...	89·4	+4·4	93	5days	57·6	+5·3	48	1	0	0	−0·21	0	...	0	−0·4	4·3	2·8	−0·1	0	0	0	0	0	0	0	0	0	0
Deolali ...	87·7	...	91	4days	56·4	...	50	8	...	0	...	0	...	0	...	...	2·6	...	0	0	0	1	0	0	0	0	0	0
Ahmednagar ...	86·8	+3·7	90	11	58·0	+5·1	50	1	0	0	−0·26	0	...	0	−0·5	6·0	3·9	+0·5	0	0	0	0	0	0	0	0	0	0
Poona ...	88·9	+4·0	92	11	58·2	+5·2	50	1	0	0	−0·15	0	...	0	−0·5	2·3	1·1	−2·4	0	0	0	0	0	0	0	0	0	0
Poona (Lohagaon Aerodrome) ...	87·6	...	90	5,11	61·0	...	55	7	0	0·05	...	0·05	10	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Jeur ...	87·4	...	91	5,17	59·9	...	50	6	0	0	...	0	...	0	...	7·2	4·2	...	0	0	0	0	0	0	0	0	0	0
Sholapur ...	87·5	+2·0	90	4days	62·5	+4·0	55	7	0	0	−0·41	0	...	0	−0·7	8·1	6·8	+1·1	0	0	0	0	0	0	0	0	0	0
Miraj ...	87·5	+3·5	92	6	62·2	+5·2	55	20	0	0	−0·28	0	...	0	−0·6	8·6	6·2	+1·3	0	0	0	1	0	0	0	0	0	0
Kolhapur ...	86·6	...	90	5,6	61·4	...	57	22	0	0	...	0	...	0	...	8·6	5·2	...	0	0	0	1	0	0	0	0	0	0
Bijapur ...	85·8	+1·6	90	5	64·4	+5·8	57	6,7	0·09	0·09	−0·16	0·06	12	0	−0·6	5·0	3·6	+1·3	2	0	0	1	0	0	0	0	0	0
Belgaum ...	83·0	+1·0	87	9	60·5	+2·0	56	15	0	0	−0·34	0	...	0	−0·5	...	3·6	+0·5	0	0	0	0	0	0	0	0	0	0
Gadag ...	84·8	+1·4	90	5	64·0	+2·7	60	21,31	0·77	0·77	+0·53	0·77	12	2	+1·4	7·2	5·1	+0·7	2	0	0	1	0	0	0	0	0	0
Hyderabad, North																												
Aurangabad ...	87·3	+3·8	90	11,12, 18	60·7	+4·9	51	1	0	0·06	−0·21	0·06	14	0	−0·5	5·1	4·1	−0·2	1	0	0	1	0	0	0	0	0	0
Aurangabad (Chikalthana Aerodrome) ...	85·8	...	88	6days	53·1	...	40	1	0	0·05	...	0·05	14	0	...	5·4	3·2	...	1	0	0	1	0	0	0	0	0	0
Parbhani ...	85·9	...	89	13,15	58·3	...	48	6	0	0	−0·22	0	...	0	−0·4	...	...	...	0	0	0	0	0	0	0	0	0	0
Ramagundam ...	86·4	...	91	11	58·5	...	51	4	0	0·12	...	0·12	11	1	...	2·7	2·5	...	1	0	0	0	0	0	0	0	0	0
Nizamabad ...	85·5	+1·8	90	16	60·3	+5·3	49	6	0·07	0·07	−0·11	0·07	10	0	−0·4	3·1	2·7	+0·9	1	0	0	1	0	0	0	0	0	0
Bidar ...	82·3	+1·2	86	15,16	62·5	+1·0	58	22	0	1·47	+1·23	1·47	11	1	+0·5	8·8	6·8	+1·3	1	0	0	0	0	0	0	0	0	0

(a) Mean of 30 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hyderabad, South																												
Gulbarga ...	86·3	+0·9	90	4,5	62·5	+3·8	58	22,23, 31	0·04	0·04	−0·11	0·04	11	0	−0·3	9·0	6·8	+1·9	1	0	0	0	0	0	0	0	0	0
Raichur ...	84·8	0	88	4 5,16	67·0	+3·3	63	24	0·02	0·23	+0·10	0·12	9	1	+0·7	5·8	6·0	+0·7	4	0	0	0	0	0	0	0	0	0
Hyderabad (Nizamiah) ...	84·6	+1·1	90	16,17	60·2	+3·8	53	22	0·14	0·36	+0·06	0·22	8	2	+1·6	6 1	4·5	+1·4	3	0	0	0	2	0	0	0	0	0
Hyderabad (Begumpet Aerodrome) ...	82·5	...	88	16	59·4	...	53	22	0·06	0·09	...	0·05	12	0	...	8·3	5·3	...	3	0	0	0	2	0	0	0	0	0
Hanamkonda ...	85·7	+2·5	89	11,16	63·8	+3·5	56	6	0·02	0·14	−0·09	0·07	8	0	−0·4	4·8	3·7	+1·1	3	0	0	0	2	0	0	0	0	0
Khammameth ...	87·2	...	91	3,4	63·7	...	59	6	0·05	0·25	...	0·20	8	1	...	5·0	3·3	...	2	0	0	0	0	0	0	0	0	0
Coastal Andhradesa.																												
Nellore ...	84·4	+0·7	88	3,11,31	70·0	+1·6	67	5days	2·28	12·73	+9·87	5·27	8	7	+4·0	5·3	4·0	+1·0	9	0	0	1	1	0	0	0	0	0
Ongole ...	83·0	...	87	4	68·8	...	65	30,31	4·69	9·31	...	3·44	10	6	...	3·6	3·9	...	8	0	0	0	0	0	0	0	0	0
Gannavaram ...	85·6	...	88	4 days	67·5	...	64	21,25, 26	0·38	0·67	...	0·42	9	2	...	9·0	7·2	...	3	0	0	0	0	0	0	0	0	0
Masulipatam ...	85·3	+2·7	85	3,7	69·4	+2·9	67	9days	2·08	3·24	+3·59	2·13	9	4	+3·1	9·7	7·2	+3·0	4	0	0	0	0	0	0	0	0	0
Kakinada ...	81·4	+0·9	83	2,3	68·2	+1·8	64	23,24 26	0·35	1·30	+0·60	0·70	9	3	+2·2	10·4	7·9	+1·5	4	0	0	0	0	0	0	0	0	0
Visakhapatnam ...	84·6	+0·2	88	7	66·5	+1·3	61	21	0	0·39	−0·18	0·19	9	2	+1·1	7·4	4·7	+1·3	3	0	0	0	0	0	0	0	0	0
Calingapatam ...	80·4	+0·1	84	29	64·6	+1·5	61	5 25	0	0·03	−0·51	0·03	9	0	−0·4	7·1	7·9	+2·4	1	0	0	0	0	0	0	0	0	0
Rentachintala ...	86·7	+0·9	91	3,4	65·9	+4·0	60	6,22, 31	2·10	2·82	+2·70	2·10	11	3	+2·6	3·4	2·5	−0·7	5	0	0	0	0	0	0	0	0	0
Rayalaseema																												
Arogyavaram ...	77·2	...	81	11	61·6	...	58	6days	1·24	5·20	...	1·73	11	6	...	5·1	3·5	...	10	0	0	1	0	0	0	0	0	0
Cuddapah ...	85·1	−0·9	88	12,13, 15	69·0	+3·3	66	9days	0·17	3 32	+2·51	1·60	8	5	+3·5	7·8	5·8	+1·3	5	0	0	0	0	0	0	0	0	0
Bellary ...	83·8	−1·9	89	5	66·3	+4·4	62	22	0·26	1·01	+0·88	0·46	10	5	+4·7	5·2	2·9	+0·5	6	0	0	0	0	0	0	0	0	0
Kurnool ...	86·8	+0·4	90	4	64·0	+3·2	58	15	0	0·23	+0·03	0·23	13	1	+0·7	5·6	4·2	+1·8	1	0	0	0	0	0	0	0	0	0
Anantapur ...	84·2	...	87	4days	66·5	...	62	15	0·22	1·50	+1·25	0·89	11	4	+3·5	7·7	6·6	...	5	0	0	1	0	0	0	0	0	0
Tamilnad.																												
Palayamcottai ...	89·0	...	96	10	73·6	...	70	16	0·60	0·82	−3·42	0·37	15	2	−3·4	9·4	5·7	...	6	0	0	0	0	0	0	0	0	0
Pamban ...	83·0	+0·4	87	11	78·4	+3·6	75	25,26	0	0·78	−6·81	0·27	1	4	−5·4	15·6	10·9	−0·5	8	0	0	0	0	0	0	0	0	0
Mathurai ...	86·5	+1 8	91	9	70·9	+0·7	66	18	0·70	2·08	+0·07	0·98	10	4	+0·4	5·6 (m)	4·0 (m)	−0·2	8	0	0	0	0	0	0	0	0	0
Nagapattinam ...	83·4	+0·4	86	9	74·0	+1·7	63	1	3·58	*8·55	...	...	...	9	−0·1	14·0	13·8	+5·5	16	0	0	0	0	0	0	0	0	0
Tiruchirapalli ...	84·8	−0·3	87	5,6,9	71·5	+2·0	67	21	1·29	6·96	+4·16	2·87	1	6	+1·5	8·7	6·9	+1·5	12	0	0	0	0	0	0	0	0	0
Coimbatore ...	83·0	−1·3	87	10,29	68·8	+2·8	64	16	0·31	1·87	+0·51	0·87	1	4	+1·4	6·3 (c)	4·7 (c)	+2·2	8	0	0	1	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	84·3	...	87	10,28, 29	67·4	...	61	16	0·17	1·74	...	0·88	1	4	...	9·4 (l)	6·5 (l)	...	10	0	0	3	0	0	0	0	0	0
Salem ...	85·3	−0·8	89	29	68·5	+2·6	63	16	1·30	5·59	+4·56	3·13	1	5	+2·8	5·3	5·3	+2·0	7	0	0	2	0	0	0	0	0	0
Kallakurichi ...	82·5	...	86	3,11	70·8	...	68	17 18	3·05	12·56	...	3·28	1	8	...	...	...	...	9	0	0	3	0	0	0	0	0	0
Cuddalore ...	82·5	−0·1	86	3,9	72·2	+2·0	69	4days	1·22	11·82	+ 4·33	5·29	7	6	−0·3	8·9	6·6	+1·8	11	0	0	0	0	0	0	0	0	0
Vellore ...	82·0	−0·4	85	9,12	68·0	+3·2	64	4days	5·26	15·55	+12·93	4·03	1	10	+5·1	5·3	3·8	+1·5	11	0	0	0	5	0	0	0	0	0
Madras ...	82·6	−1·5	85	9,10,11	71·4	+2·5	68	18,19	4·87	11·23	+ 5·78	3·86	1	6	+0·6	6·0	7·2	−1·3	13	0	0	2	0	0	0	0	0	0
Madras (Nungambakkam) ...	83·3	...	86	11	72·0	...	66	19	...	9·92	...	4·48	1	5	...	...	4·0	...	11	0	0	0	0	0	0	0	0	0
Malabar & South Kanara																												
Mangalore ...	89·2	+0·1	92	5days	73·6	+1·4	69	16,17 31	0·57	0·70	+0·19	0·52	13	2	+1·3	5·9	5·2	+0·7	3	0	0	3	0	0	0	0	0	0
Kozhikode ...	88·3	+0·6	91	6,8,24	72·5	+1·2	69	18,19	1·20	2·61	+1·60	1·08	9	5	+3·4	7·2	5·5	+1·5	6	0	0	4	0	0	0	0	0	0
Palghat ...	89·8	...	94	28	72·9	...	69	16	0	2·89	...	2·65	1	2	...	7·7	6·2	...	5	0	0	2	0	0	0	0	0	0
Mysore.																												
Chitaldrug ...	80·1	−2·3	85	5	64·1	+2·3	59	31	0·63	1·64	+1·12	0·98	9	3	+2·2	6·9	5·2	+0·6	7	0	0	0	0	0	0	0	0	0
Shimoga ...	84·6	...	90	5	60·7	...	55	15,22 31	1·51	2·38	...	1·71	10	2	...	5·3	2·8	...	5	0	0	0	3	0	0	0	0	0
Hassan ...	79·3	−1·3	84	4	61·4	+3·8	55	6	0·43	3·41	+2·75	2·15	13	6	+4·9	5·2	3·8	+0·8	7	0	0	2	0	0	0	0	0	0
Bangalore (Central Observatory) ...	76·9	−1·3	82	5	61·2	+3·0	56	16	1·36	3·06	+2·62	0·76	10	8	+6·8	7·6	6·5	+1·7	9	0	0	1	2	0	0	0	0	0
Bangalore (Aerodrome) ...	77·8	...	81	6,25	61·5	...	56	16	0·87	3·32	...	0·82	1	7	...	...	...	...	7	0	0	2	0	0	0	0	0	0
Mysore ...	80·0	−1·9	84	4.5	63·2	+2·1	59	5days	0·06	4·15	+3·75	3·09	10	4	+3·1	10·0	7·9	+1·6	5	0	0	1	0	0	0	0	0	0
Balehonnur ...	79·3	+0·4	84	5	61·0	+2·4	57	15,21, 22	...	1·42	+0·95	1·01	13	3	+2·2	...	...	...	6	0	0	0	0	0	0	0	0	0
Travancore-Cochin																												
Fort Cochin ...	86·3	−0·2	90	26,28	74·0	−0·2	71	18,19	0·14	1·57	−0·83	0·56	1	4	+1·5	6·7	5·2	+1·6	8	0	0	5	0	0	0	0	0	0
Cochin (Willingdon Island Aerodrome) ...	87·5	...	90	6	73·3	...	68	17	0·07	2·21	...	1·49	12	4	...	5·4	3·2	...	7	0	0	5	0	0	0	0	0	0
Alleppey ...	88·2	...	92	22,23	73·1	...	71	22,31	0·30	2·17	...	0·70	8	5	...	7·4	5·4	...	10	0	0	5	0	0	0	0	0	0
Trivandrum ...	86·9	−0·4	91	23	72·5	+0·1	69	2	1·77	3·33	+0·86	1·43	12	5	+1·3	4·5	3·5	+0·9	7	0	0	5	0	0	0	0	0	0

* This includes rain between 0830 to 1130 of 30-11-52 as subsequent readings from 1130 of 30-11-52 to 0830 of 1-12-52 were not taken due to the rain-guage being flooded with sea water. (l) Mean of 19 days. (m) Mean of 18 days. (c) Mean of 28 days.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena — No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830 1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830 1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Hill Stations excluding Kashmir																												
Aijal ...	70·1	...	77	22	51·9	...	49	21,28, 31	0	0	...	0	...	0	...	2·2	1·9	...	0	0	0	0	1	0	0	0	0	0
Shillong ...	60·9	−0·7	65	22	40·7	+0·7	36	31	0·02	0·08	−0·20	0·08	12	0	−0·9	0·6	0·1	−1·1	1	0	0	0	1	0	0	0	0	0
Cherrapunji ...	61·1	−1·2	65	23	46·2	−1·8	44	29,30	0	0	−0·49	0	...	0	−0·7	5·0	3·5	+1·0	0	0	0	0	20	0	0	0	0	0
Darjiling ...	50·5	0	58	22	38·1	+1·5	34	29,30	0·04	0·04	−0·23	0·04	29	0	−0·7	3·7	3·4	+1·5	1	0	1	0	8	0	0	0	0	0
Darjiling (Raj Bhawan) ...	49·3	...	55	19	39·8	...	35	30	0	0	...	0	...	0	...	1·0	1·1	...	0	0	0	0	31	0	0	0	0	0
Kalimpong ...	62·3	0	66	4	49·9	+1·7	44	29	0	0	−0·32	0	...	0	−0·7	0·4	0·2	−6·6	0	0	0	0	1	0	0	0	0	0
Katmandu ...	66·2	+0·3	71	22	38·0	+0·3	28	29	0	0	−0·33	0	...	0	−0·8	1·7	1·0	0	0	0	0	0	10	0	0	0	0	0
Mukteswar (Kumaon) ...	56·5	+3·3	65	4	40·7	+1·7	33	28	0	0	−1·05	0	...	0	−1·8	6·3	6·9	+1·7	0	0	0	0	0	0	0	0	0	0
Lokpal ...	29·5	...	33	4days	13·7	...	2	31	...	0·67	...	0·28	31	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jamuna Chetty ...	...	...	...	...	...	...	...	...	...	0·05	...	0·05	23	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mussooree ...	57·2	+3·6	70	3	41·5	+1·9	36	28,31	0	0·02	−1·36	0·02	24	0	−2·6	2·7	2·5	−2·0	1	0	0	0	0	0	0	0	0	0
Kharsali ...	...	...	...	...	...	...	...	...	...	0·28	...	0·13	22	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Rana ...	...	...	...	...	...	...	...	...	...	0·13	...	0·13	23	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Simla ...	53·6	+3·0	65	4	40·7	+1·4	31	23,24, 31	0·25	0·66	−0·58	0·23	23	2	−0·4	2·0	1·8	−1·2	4	2	0	1	1	0	0	0	0	0
Dharampore ...	...	...	...	...	...	...	...	...	...	0·75	−1·03	0·60	24	2	−0·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Kyelang ...	...	...	...	...	...	...	...	...	...	0·85	−0·27	0·40	23	3	+0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
Gondla ...	...	...	...	...	...	...	...	...	...	2·58	...	1·51	22	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kothi ...	...	...	...	...	...	...	...	...	...	3·53	...	1·22	31	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Koksar ...	...	...	...	...	...	...	...	...	...	2·60	...	1·12	24	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dalhousie ...	59·2	...	75	3	49·1	...	33	24	0·72	2·23	−1·62	1·15	23	3	−1·5	1·6	1·9	...	3	1	0	0	0	0	0	0	0	0
Dharamshala (R) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0	0	0	0	0	0	0	0
Pachmarhi ...	75·8	+4·5	79	18	50·0	+4·2	39	1,2,3	0	0	−0·43	0	...	0	−0·8	2·7	1·7	−0·1	0	0	0	0	0	0	0	0	0	0
Abu ...	72·2	+3·8	79	4,5	51·5	−1·0	45	23.28	0	0	−0·12	0	...	0	−0·3	3·0	2·1	−0·8	0	0	0	0	0	0	0	0	0	0
Mahabaleshwar ...	77·2	+4·5	80	5,12, 18	58·7	+2·2	55	1	0	0	−0·26	0	...	0	−0·6	4·6	5·3	−1·8	0	0	0	0	0	0	0	0	0	0
Nandi Hills * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	74·8	−0·1	79	7	59·8	+2·1	55	19	0·36	1·32	+0·60	0·60	13	4	+2·8	7·5	6·6	+2·0	4	0	0	0	0	0	0	0	0	0
Kodaikanal ...	60·6	−1·1	66	20	47·4	+0·2	41	22	1·49	9·06	+3·90	4·74	1	9	+1·9	9·5	9·5	+1·3	16	0	0	2	2	0	0	0	0	0
Ootacamund ...	65·0	0	71	7,28	45·6	+1·7	33	22	1·80	7·10	+5·38	3·10	2	4	+0·3	4·2	3·2	+0·3	9	0	0	1	2	0	0	0	0	0
Coonoor ...	64·0	−1·6	68	21	50·6	+1·4	41	19	...	20·40	+14·82	9·00	2	9	+2·4	...	3·5	+0·3	15	0	0	0	0	0	0	0	0	0
Sikkim																												
Thangu ...	...	...	...	...	...	...	...	...	...	0·49	...	0·20	29	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chungthang ...	...	...	...	...	...	...	...	...	...	0	...	0	...	0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Lachen ...	40·1	...	44	14	23·4	...	21	4days	...	0·96	...	0·40	29	3	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Tibet																												
Yatung (Chumbi) ...	50·7	+3·9	57	1	11·0	−10·1	7	25	...	0	−0·37	0	...	0	−0·8	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	52·5	...	63	1	17·4	...	11	13,14, 31	...	0	...	0	...	0	...	...	−0·1	...	0	0	0	0	0	0	0	0	0	0
Gyantse ...	48·1	+3·5	60	1	9·3	−0·1	0	29	...	0	−0·01	0	...	0	0	...	1·0	−2·5	0	...	...	...	...	...	...	...	...	...
Ceylon																												
Colombo ...	85·8	−0·6	89	4days	73·1	+0·6	70	18,19, 28	2·67	6·57	+0·99	2·72	24	7	−0·6	...	...	...	11	0	0	3	0	0	0	0	0	0
Trincomalee ...	81·9	−0·6	85	11	76·0	+1·6	70	18	2·58	4·13	−9·53	0·97	25	10	−3·6	...	...	...	17	0	0	1	0	0	0	0	0	0
Batticoloa ...	83·0	...	87	2	73·7	...	69	18	5·51	8·30	...	2·65	7	13	...	...	...	...	21	0	0	1	0	0	0	0	0	0
Hambantota ...	85·7	+1·1	88	4days	73·1	+0·3	70	17	0·47	0·78	−4·21	0·33	7	3	−5·3	...	...	...	7	0	0	1	0	0	0	0	0	0
Mannar ...	84·3	...	87	10	75·5	...	70	18	1·61	2·72	...	1·34	26	6	...	...	...	...	12	0	0	0	0	0	0	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																												
Damodar catchment																												
Bokaro ...	79·7	...	84	25	45·9	...	40	13,14, 15	0	0	...	0	...	0	...	2·6	2·0	...	0	0	0	0	0	0	0	0	0	0
Hazaribagh ...	74·4	...	78	19	48·8	...	43	14	0	0·06	...	0·06	28	0	...	5·5	2·8	...	1	0	0	0	0	0	0	0	0	0
Dhanbad ...	79·5	...	83	22,25	53·5	...	48	13	0	0	...	0	...	0	...	3·3	3·3	...	0	0	0	0	0	0	0	0	0	0
Mahanadi Catchment																												
Baramul ...	85·1	...	88	23	52·8	...	47	22	0	0·01	...	0·01	9	0	...	1·6	1·0	...	1	0	0	0	0	0	0	0	0	0
Hirakud ...	84·7	...	87	5days	56·8	...	51	5days	0	0	...	0	...	0	...	0·5	0·1	...	0	0	0	0	0	0	0	0	0	0
Barkachhar ...	83·1	...	86	29	53·4	...	46	4,5	0	0	...	0	...	0	...	3·5	1·5	...	0	0	0	0	0	0	0	0	0	0
Sonepur ...	82·9	...	86	11	58·0	...	53	3,5	...	0	...	0	...	0	...	...	1·2	...	0	0	0	0	0	0	0	0	0	0
Ginabahar ...	82·0	...	85	9,21	49·0	...	42	3,4	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Jonk ...	81·7	...	85	16,21, 25	55·1	...	48	1,5	0	0	...	0	...	0	...	2·0	1·5	...	0	0	0	0	0	0	0	0	0	0

* Data not reliable (R) Register not received.

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER—DECEMBER 1952.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																												
Ganga Catchment																												
Tapoban ...	61·2	...	69	4	39·3	...	33	29	...	0·07	...	0·07	31	0	...	...	...	...	1	0	0	0	0	0	0	0	0	0
Badrinath ...	...	...	...	...	...	...	...	closed	during	winter	months	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																												
Punasa ...	89·2	...	93	14,15	57·1	...	48	2	0	0	...	0	...	0	...	3·9	3·3	...	0	0	0	0	0	0	0	0	0	0
Bagra Tawa ...	84·0	...	89	18	52·2	...	40	1	0	0	...	0	..	0	...	3·4	2·1	...	0	0	0	0	0	0	0	0	0	0
Thikri ...	90·1	...	93	5 days	56·7	...	41	1	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Tapti Catchment																												
Nandurbar ...	91·0	...	95	13	64·3	...	59	2,19	...	0	...	0	...	0	...	...	...	...	0	0	0	0	0	0	0	0	0	0
Sabarmati Catchment																												
Jhadol (R)...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	82·0	...	88	5,6	...	...	...	...	...	0	...	0	...	...	...	...	...	...	0	...	...	...	...	...	...	...	...	...

(R) Register not received

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bay Islands																										
Port Blair ...	0530	259	1013·5	1004·5	...	74·4	71·5	70·0	25·0	86	...	4·3	...	6·1	0	2	27	2	12	10	1	0	1	1	1	2
	0830	..	1015·3	1006·4	+2·2	81·4	74·6	71·2	25·9	72	+ 1	4·3	+0·1	7·9	0	3	28	1	12	14	3	0	0	0	1	0
	1130	..	1013·7	1004·8	...	82·5	75·1	71·5	26·3	70	...	4·0	...	9·0	0	4	27	0	15	15	1	0	0	0	0	0
	1730	..	1012·8	1003·9	...	77·1	72·3	69·6	24·6	78	...	3·6	...	7·0	0	2	29	0	19	11	1	0	0	0	0	0
	2330	..	1014·3	1005·3	...	75·5	72·0	70·1	25·3	84	...	2·8	...	7·3	0	2	28	1	17	8	1	0	1	1	1	1
Assam																										
Dibrugarh ...	0830	348	1019·7	1007·2	+0·8	65·0	61·1	58·5	16·5	80	- 11	1·9	-0·7	2·0	0	0	31	3	12	13	1	1	0	0	1	0
	1730	..	1016·0	1003·6	...	64·9	61·3	58·7	17·0	80	...	1·1	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Dibrugarh (Mohanbari Aerodrome)	0530	364	1018·3	1005·0	...	52·1	51·8	51·6	13·3	98	...	4·0	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	..	1020·2	1007·1	...	63·3	60·7	58·5	17·1	85	...	2·7	...	1·7	0	0	24	3	14	7	0	0	0	0	0	7
	1130	..	1017·9	1005·0	...	71·7	63·5	57·1	16·6	61	...	2·3	...	2·2	0	0	27	3	14	5	1	3	0	0	1	4
	1730	..	1016·4	1003·3	...	62·9	60·1	58·1	16·2	84	...	2·2	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	2330	..	1018·2	1004·9	...	54·1	53·6	53·0	14·3	96	...	1·5	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Sibsagar ...	0830	317	1020·2	1008·8	+1·3	62·5	60·8	59·6	17·6	90	- 4	4·5	-1·4	1·2	0	0	19	0	1	2	1	8	6	0	1	12
	1730	..	1015·9	1004·6	...	66·7	63·4	61·4	18·2	83	...	2·0	...	0·5	0	0	8	5	1	0	1	0	0	1	0	23
Tezpur ...	0830	258	1020·0	1010·7	+1·0	61·0	59·7	58·6	16·7	94	+ 6	1·0	-1·0	1·3	0	0	20	2	5	12	1	0	0	0	0	11
	1730	..	1015·6	1006·5	...	69·2	64·4	61·0	18·2	76	...	0·8	...	0·1	0	0	2	0	1	0	1	0	0	0	0	29
Tezpur (P.B.O.) ...	0530	257	1018·3	1008·9	...	55·7	55·4	55·1	14·5	98	...	2·5	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	..	1020·1	1010·9	...	64·3	61·4	59·3	17·2	84	...	1·4	...	0·7	0	0	10	1	6	3	0	0	0	0	0	21
	1130	..	1017·8	1008·7	...	73·0	65·3	60·3	18·7	64	...	1·6	...	1·5	0	0	19	2	5	3	3	4	1	0	1	12
	1730	..	1016·3	1007·1	...	65·2	62·4	60·4	17·7	85	...	1·0	...	0·3	0	0	3	2	1	0	0	0	0	0	0	28
	2330	..	1018·0	1008·7	...	58·1	57·5	56·9	16·0	96	...	0·6	...	0·2	0	0	3	2	1	0	0	0	0	0	0	28
Gauhati ...	0830	182	1019·7	1013·2	+1·5	63·4	61·7	60·1	18·2	90	+ 1	0·3	-1·6	1·6	0	0	24	6	7	5	3	1	0	0	2	7
	1730	..	1015·0	1008·6	...	69·4	64·2	60·6	18·4	73	...	2·0	...	0·5	0	0	7	2	0	4	0	3	0	0	0	24
Gauhati (Kaikuchi... Aerodrome)	0530	162	1017·1	1011·2	...	55·5	55·1	54·8	14·1	98	...	1·1	...	0·1	0	0	2	0	1	0	0	1	0	0	0	29
	0830	,,	1019·5	101[illegible]·7	...	63·5	61·6	60·6	17·7	90	...	1·1	...	1·5	0	0	17	2	8	2	0	1	2	1	1	14
	1130	..	1017·3	1011·5	...	72·1	64·8	60·1	17·4	68	...	1·2	...	5·0	0	0	28	4	18	4	0	0	0	0	2	3
	1730	..	1015·5	1009·7	...	65·3	63·1	61·9	19·0	89	...	2·1	...	0·8	0	0	10	0	0	1	2	3	3	1	0	21
	2330	..	1017·4	1011·5	...	58·6	57·8	57·3	15·8	96	...	0·7	...	0·1	(b) 0	0	5	0	1	1	1	1	1	0	0	24
Dhubri ...	0830	115	1020·0	1015·8	+1·9	65·2	62·4	60·5	17·7	85	+ 2	1·0	-0·3	2·3	0	0	25	1	7	15	1	0	1	0	0	6
	1730	,,	1016·1	1012·0	...	68·7	63·1	59·2	17·3	72	...	1·4	...	1·2	0	0	14	0	1	4	1	2	5	0	1	17
Silchar ...	0830	96	1019·6	1016·1	+1·7	61·9	59·4	57·5	16·1	86	+ 3	1·5	-0·5	0·6	0	0	9	0	2	2	3	2	0	0	0	22
	1730	,,	1015·6	1012·2	...	71·5	64·2	59·2	16·9	66	...	0·5	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Tura ...	0830	1,215	1019·9	976·9	...	61·4	57·6	54·5	14·3	78	...	0·9	...	1·0	0	0	15	0	2	11	1	0	1	0	0	16
	1730	,,	1016·4	973·9	...	66·4	62·8	60·4	18·0	81	...	3·4	...	1·2	0	0	18	0	8	7	2	1	0	0	0	13
Lumding ...	0830	...	1021·3	1003·6	...	60·1	57·8	56·4	15·1	87	-4	...	...	0·4	0	0	6	0	2	1	2	1	0	0	0	25
	1730	...	1017·1	999·9	...	70·0	68·4	67·7	23·1	92	...	...	...	0·3	0	0	4	0	0	2	2	0	0	0	0	27
West Bengal																										
Dum Dum ...	0530	33	1016·7	1015·5	...	56·1	54·1	52·2	13·4	87	...	0·5	...	2·2	0	0	24	13	2	1	0	0	0	1	7	7
	0830	,,	1019·0	1017·3	...	65·6	58·8	53·3	13·7	65	...	0·9	...	2·8	0	0	23	9	8	3	0	0	0	0	3	8
	1130	,,	1018·1	1016·9	...	76·8	62·8	51·6	13·3	42	...	1·0	...	5·2	0	0	29	12	8	1	0	2	1	0	5	2
	1730	,,	1015·5	1014·3	...	72·4	63·2	56·5	15·9	57	...	1·3	...	2·0	0	0	23	8	4	0	0	0	0	0	11	8
	2330	,,	1017·1	1016·0	...	60·7	57·5	55·0	14·9	81	...	0·4	...	2·1	0	0	26	10	7	1	2	1	2	0	3	5
Calcutta ...	0830	21	1019·3	1018·5	+1·5	64·6	60·2	56·7	15·7	77	0	0·7	-0·7	1·4	0	0	16	4	6	1	0	0	0	0	5	15
	1730	,,	1015·7	1015·0	...	71·2	63·6	58·2	16·7	63	...	0·8	...	0·2	0	0	3	1	0	0	1	0	0	0	1	28
Saugor Island ...	0830	10	1018·6	1018·2	+1·1	69·1	63·7	59·9	17·6	73	- 4	1·0	-0·9	8·3	0	0	31	14	16	0	0	0	0	0	1	0
	1730	,,	1015·0	1014·7	...	73·0	64·5	58·6	16·9	61	...	1·5	...	6·5	0	0	31	10	9	0	0	3	7	1	1	0
Sandheads ...	0530	32	1016·5	1015·4	...	73·6	65·7	60·2	17·9	64	...	0·7	...	4·7	0	1	24	10	10	2	0	0	1	0	2	6
	0830	,,	1018·7	1017·6	+1·2	74·9	67·0	61·9	18·9	64	+ 6	0·8	-1·0	4·7	0	1	27	9	15	1	0	0	1	0	2	3
	1130	..	1018·0	1016·9	...	76·5	67·7	62·0	18·9	62	...	0·8	...	4·7	0	0	29	11	12	0	2	0	1	1	2	2
	1730	..	1016·0	1014·9	...	75·8	66·5	60·2	17·8	59	...	0·8	...	1·8	0	0	18	8	4	1	1	0	0	2	2	13
	2330	..	1016·9	1015·8	...	74·0	66·2	61·3	18·2	64	...	0·2	...	2·7	0	1	14	7	6	1	1	0	0	0	0	16
Midnapore ...	0830	149	1019·2	1013·8	+1·3	64·5	57·0	50·5	12·5	62	- 1	0·9	-0·4	1·3	0	0	17	17	0	0	0	0	0	0	0	14
	1730	..	1015·3	1010·0	...	73·7	63·4	55·9	15·4	57	...	0·9	...	0·1	0	0	1	0	1	0	0	0	0	0	0	30
Contai ...	0830	35	...	...	...	72·1	70·0	68·4	24·2	90	...	0·5	...	1·3	0	0	19	19	0	0	0	0	0	0	0	12
	1730	,,	...	...	...	73·2	71·2	69·9	25·2	90	...	0·7	...	0·4	0	0	6	2	0	1	0	3	0	0	0	25
Burdwan ...	0830	106	1019·4	1015·5	+1·3	62·9	57·2	52·3	13·6	68	0	0·2	-1·2	1·3	0	0	16	3	2	0	2	0	3	1	5	15
	1730	,,	1015·4	1011·6	...	74·4	63·4	54·7	15·0	51	...	0·3	...	0·7	0	0	9	2	3	1	0	0	1	1	1	22
Krishnagar ...	0830	48	1019·3	1017·6	+1·4	63·1	58·0	54·8	14·8	74	0	0·7	-0·6	1·5	0	0	24	6	1	0	0	1	0	11	5	7
	1730	,,	1015·8	1014·1	...	71·2	63·4	58·3	16·2	63	...	0·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Asansol ...	0530	414	1017·4	1002·4	...	55·1	51·9	48·6	12·0	79	...	0·3	...	2·2	0	0	24	1	0	0	0	0	0	0	5	18
	0830	,,	1019·5	1004·7	+1·5	63·2	56·2	49·6	12·3	62	- 5	0·8	-0·6	2·7	0	0	23	1	0	0	0	0	0	7	15	8
	1130	,,	1018·3	1003·8	...	75·7	60·8	47·6	11·4	38	...	0·8	...	2·9	0	0	26	6	1	0	0	0	0	3	16	5
	1730	,,	1015·3	1000·8	...	72·7	60·0	49·4	12·2	44	...	0·9	...	0·6	0	0	7	1	0	0	0	0	0	3	3	24
	2330	,,	1017·5	1002·7	...	61·2	54·9	49·9	11·7	65	...	0·5	...	1·0	0	0	15	1	0	0	0	0	0	2	12	16
Berhampore ...	0830	62	1019·1	1016·9	+1·1	61·8	57·2	55·7	14·6	75	- 1	0·8	-0·6	0·7	0	0	10	1	2	2	0	0	2	2	1	31
	1730	,,	1015·4	1013·2	...	72·6	63·5	53·3	16·0	58	...	0·7	...	0·1	0	0	1	0	0	1	0	0	0	0	0	30
Malda ...	0830	103	1019·5	1015·8	+1·3	62·8	57·7	53·4	14·1	72	- 1	0·8	+0·2	1·7	0	0	21	8	1	0	0	1	1	3	7	10
	1730	,,	1015·9	1012·2	...	70·8	62·2	55·6	15·4	60	...	1·1	...	0·8	0	0	13	2	0	0	0	1	0	2	8	18
Cooch-Behar ...	0830	145	...	...	...	67·5	64·4	58·0	19·3	72	...	0·5	...	(a) 0·7	0	0	10	1	1	6	0	2	0	0	0	20
	1730	..	...	...	...	72·6	62·9	60·2	15·4	66	...	1·7	...	(b) 0·4	0	0	5	0	0	3	1	1	0	0	0	24

(a) Mean of 30 days (b) Mean of 29 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
West Bengal (*Contd.*)–																										
Jalpaiguri ...	0830	271	1019·5	1009·6	+1·3	59·1	57·4	55·7	16·1	90	+6	1·1	+0·1	1·5	0	0	23	14	7	2	0	0	0	0	0	8
	1730	,,	1015·3	1005·7	...	72·7	64·2	58·2	16·7	61	...	1·5	...	0·6	0	0	9	0	0	0	1	3	4	1	0	22
Jalpaiguri (P.B.O.)	0530	271	1017·2	1007·2	...	56·0	55·3	54·5	14·7	95	...	0·8	...	0·1	0	0	1	0	1	0	0	0	0	0	0	30
	1130	,,	1018·3	1008·7	...	74·0	64·5	57·7	16·4	57	...	0·7	...	2·5	0	0	23	0	3	13	2	0	3	1	1	8
	2330	,,	1017·9	1008·0	...	60·7	58·8	57·2	16·0	89	...	1·1	...	0·8	0	0	11	5	0	1	0	0	0	1	4	20
Baglogra ...	0530	416	1017·1	1001·9	...	51·4	51·0	50·1	12·5	97	...	0·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	,,	1019·2	1004·4	...	64·3	60·0	56·8	15·5	77	...	1·0	...	0·6	0	0	6	1	4	1	0	0	0	0	0	25
	1130	,,	1017·7	1003·2	...	75·4	63·9	55·5	15·1	50	...	1·5	...	3·4	0	0	22	0	1	9	3	6	3	0	0	9
	1730	,,	1015·3	1000·6	...	66·9	61·9	58·4	16·6	75	...	2·2	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Orissa																										
Balasore ...	0830	65	1018·8	1016·5	+0·9	65·7	59·1	53·9	14·3	66	–4	1·3	–0·2	2·3	0	0	31	24	6	0	0	0	0	0	1	0
	1730	,,	1015·1	1012·8	..	73·6	64·3	58·6	16·7	60	...	1·4	...	0·1 (a)	0	0	3	0	0	0	2	1	0	0	0	28
Chandbali ..	0830	20	1019·1	1018·4	+1·8	68·6	63·5	60·1	17·8	74	–1	0·5	–1·2	1·8	0	0	24	9	3	0	0	0	0	1	11	6
	1730	,,	1015·8	1015·1	...	73·5	66·1	61·4	18·4	66	...	0·5	...	1·5	0	0	23	0	3	12	7	0	0	0	1	8
Puri ...	0830	20	1018·9	1018·2	+1·6	70·4	65·0	61·4	18·5	73	+1	1·6	+0·2	6·4	0	0	31	23	8	0	0	0	0	0	0	0
	1730	,,	1015·5 (h)	1014·8 (h)	...	76·6	68·8	63·6	20·3	75	...	2·1	...	9·0 (h)	0	2	29	0	1	9	11	9	1	0	0	0
Bhubaneswar ...	0530	150	1016·8	1011·3	...	61·6	56·6	51·1	16·2	76	...	0·1	...	2·0	0	0	21	13	2	0	0	0	0	3	3	2
	0830	,,	1018·6	1013·1	...	71·6	64·6	59·6	17·6	67	...	1·3	...	3·4	0	0	28	7	14	1	0	0	0	4	2	3
	1130	,,	1017·5	1012·1	...	80·6	66·3	56·1	16·1	44	...	1·2	...	4·7	0	1	28	2	14	3	0	1	2	4	3	2
	1730	,,	1015·6	1010·2	...	75·7	64·8	57·0	15·9	53	...	1·3	...	4·3 (h)	0	0	31	7	12	5	0	1	1	2	3	0
	2330	,,	1017·0	1011·4	...	68·6	60·4	53·7	14·6	60	...	0·1	...	3·0	0	0	22	14	2	2	0	1	0	0	3	1
Cuttack ...	0830	87	1018·4	1015·3	+0·5	66·0	61·9	58·8	17·2	78	+3	1·1	–0·7	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	,,	1014·5	1011·5	...	79·8	66·3	56·8	16·0	46	...	1·9	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Cuttack (P.B.O.) ..	0530	87	1016·7	1013·7	...	63·3	60·9	59·3	17·1	86	...	1·3	...	0·5	0	0	5	1	1	2	0	0	0	0	1	26
	0830	,,	1019·0	1016·1	...	68·3	64·1	61·4	18·8	79	...	1·1	...	2·1	0	0	22	3	8	1	1	0	3	5	1	9
	1130	,,	1017·9	1015·0	...	80·7	68·2	60·4	19·9	50	...	1·2	...	3·4	0	0	31	0	18	1	0	3	1	2	6	0
	1730	,,	1015·4	1012·5	...	77·7	68·2	62·4	19·3	59	...	1·6	...	0·2	0	0	2	0	0	0	0	1	0	0	1	29
	2330	,,	1017·0	1014·0	..	68·1	64·5	62·1	19·2	81	...	0·8	...	0·1	0	0	2	1	1	0	0	0	0	0	0	29
Gopalpur ...	0530	56	1016·6	1014·6	..	64·3	61·6	59·6	17·7	85	...	2·0	...	4·8	0	0	30	16	1	0	0	0	0	0	13	1
	0830	,,	1019·0	1017·0	+1·6	71·5	65·0	60·3	18·7	69	–3	1·5	+0·1	6·9	0	0	31	18	1	0	0	0	0	0	12	0
	1130	,,	1018·0	1016·0	...	80·8	69·8	63·1	19·9	85	...	1·3	...	5·3	0	0	31	2	8	9	9	2	0	0	1	0
	1730	,,	1015·4	1013·5	...	76·8	69·2	64·8	21·0	67	...	1·7	...	5·4	0	0	31	0	4	9	17	1	0	0	0	0
	2330	,,	1017·3	1015·4	...	68·8	65·4	63·1	19·7	82	...	1·1	...	2·8	0	0	29	15	0	0	0	0	0	0	14	2
Koraput ...	0830	2996	907·1	916·5	...	62·7	58·5	55·6	15·2	79	...	2·1	...	2·9	0	0	31	1	0	2	1	23	4	0	0	0
	1730	,,	904·1	913·4	...	71·3	61·3	53·0	14·5	57	...	2·4	...	4·5	0	0	31	21	1	1	2	5	0	0	1	0
Angul ...	0830	455	1019·7	1003·5	+2·0	64·8	60·3	56·9	15·9	76	+4	2·5	+0·9	1·9	0	0	24	1	0	0	0	0	0	15	8	7
	1730	,,	1015·3	999·4	...	77·7	64·6	55·1	15·0	46	...	2·1	...	1·2	0	0	16	7	2	0	2	1	0	1	3	15
Sambalpur ...	0830	486	1018·4	1001·1	+0·2	66·2	60·7	56·3	15·6	71	–2	1·9	+0·5	1·9	0	0	26	8	6	2	2	0	0	1	7	5
	1730	,,	1014·9	998·0	...	77·1	64·6	56·8	15·2	50	...	2·2	...	1·2	0	0	18	2	6	0	1	2	1	2	4	13
Jharsuguda ...	0530	726	1016·8	990·4	...	56·3	54·1	52·5	13·5	87	...	0·9	...	1·5	0	0	16	9	7	0	0	0	0	0	0	15
	0830	,,	1019·0	992·9	...	65·0	58·6	53·9	13·8	69	...	1·7	...	3·2	0	0	28	17	11	0	0	0	0	0	0	3
	1130	,,	1017·6	992·2	...	75·9	63·0	54·7	13·7	49	...	1·5	...	3·1	0	0	29	17	10	0	0	1	0	1	0	2
	1730	,,	1014·9	989·3	...	70·1	60·6	54·0	13·8	57	...	2·1	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	2330	,,	1016·9	990·8	...	61·8	57·8	55·1	14·6	79	...	0·7	...	0·7	0	0	8	4	3	0	0	0	0	0	1	23
Titilagarh ...	0830	691	1018·9	994·4	...	66·3	61·0	56·7	15·7	70	...	1·7	...	1·3	0	0	20	6	6	0	4	4	0	0	0	11
	1730	,,	1014·6	990·7	...	77·8	66·3	58·1	16·9	52	...	1·7	...	0·2	0	0	3	1	2	0	0	0	0	0	0	28
Chota Nagpur																										
Purulia ...	0830	835	1019·9	990·9	...	63·9	56·1	48·5	11·5	58	...	1·0	...	1·9	0	0	25	2	0	0	0	1	5	12	5	6
	1730	,,	1015·8	986·9	...	71·9	60·5	53·6	12·7	53	...	1·3	...	0·3	0	0	4	1	2	0	0	0	0	1	0	27
Jamshedpur ...	0830	423	1019·9	1004·7	+1·7	59·9	55·8	52·1	13·5	76	+1	1·0	–0·6	1·6	0	0	20	1	0	1	0	0	1	11	6	11
	1730	,,	1015·4	1000·6	...	72·8	63·1	55·8	15·6	56	...	1·2	...	0·2	0	0	3	0	0	1	0	0	0	2	0	28
Jamshedpur(P.B.O.)	0530	477	1018·1	1000·8	...	54·4	52·7	51·4	13·0	91	...	0·7	...	0	0	0	0	0	0	0	0	0	0	0	0	31
	0830	,,	1020·1	1003·1	...	64·0	58·0	53·8	13·8	70	...	1·1	...	2·5	0	0	23	0	0	1	0	0	1	16	5	8
	1130	,,	1018·6	1001·9	...	73·4	60·5	52·2	12·5	50	...	1·2	...	2·6	0	0	23	2	3	1	0	0	2	13	2	8
	1730	,,	1015·9	999·1	...	71·5	61·2	54·5	13·6	56	...	1·3	...	0·5	0	0	5	1	2	0	0	0	0	2	0	26
	2330	,,	1018·1	1001·0	...	60·6	57·2	55·1	14·4	81	...	1·2	...	0·3	0	0	4	0	0	0	0	0	1	3	0	27
Chaibasa ...	0830	742	1019·7	993·2	+1·5	62·4	56·6	51·8	12·8	69	–7	1·8	+0·3	0·3	0	0	4	0	0	2	0	0	0	2	0	27
	1730	,,	1014·9	989·1	...	74·3	62·0	52·2	13·2	47	...	2·3	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Ranchi ...	0830	2150	905·3	944·3	+1·3	64·5	54·7	45·6	10·4	52	–6	0·8	–0·6	0·4	0	0	6	3	0	2	0	0	0	1	0	25
	1730	,,	903·6	942·3	...	66·8	57·5	49·2	12·1	54	...	0·7	...	0·1	0	0	2	2	0	0	0	0	0	0	0	29
Hazaribagh ...	0830	2006	905·0	949·5	+1·5	61·2	53·0	45·0	10·6	57	–4	1·3	0	0·5	0	0	4	1	0	0	0	2	0	0	1	27
	1730	,,	902·8	946·8	...	66·6	55·6	42·6	10·7	48	...	1·6	...	2·1	0	0	21	8	0	0	0	0	0	0	13	10
Hazaribagh (C.W.)..	0530	2008	901·8	947·2	...	49·8	47·0	44·0	9·7	81	...	0·5	...	0·6	0	1	1	0	1	0	0	0	0	0	1	29
	0830	,,	905·1	949·4	...	63·6	54·7	46·8	10·9	55	...	1·0	...	1·2	0	0	12	1	0	0	0	4	3	3	1	19
	1130	,,	905·4	948·8	...	72·6	59·2	48·3	11·7	43	...	0·9	...	4·1	0	0	30	9	1	1	1	2	4	3	9	1
	1730	,,	902·5	946·7	...	63·0	55·4	48·6	12·0	60	...	0·8	...	0·6	0	0	7	4	1	0	0	0	0	1	1	24
	2330	,,	902·8	947·9	...	53·3	49·9	45·5	10·6	78	...	0·2	...	0·3	0	0	1	0	0	0	0	0	0	1	1	30
Daltonganj ...	0830	725	1020·5	994·4	+1·5	60·4	54·7	48·4	13·2	66	–13	1·3	+0·3	1·0	0	0	16	1	1	5	4	2	1	2	0	15
	1730	,,	1015·5	990·5	...	69·0	61·5	55·5	15·9	62	...	1·9	...	1·0	0	0	10	0	2	4	1	0	1	1	1	21

(a) Mean of 30 days (h) Mean of 23 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Bihar																										
Purnea ...	0830	124	1019·7	1015·1	+1·3	60·1	56·5	53·5	14·6	79	− 6	0·7	−0·2	1·7	0	0	24	**0**	1	2	0	1	14	5	1	7
	1730	,,	1015·7	1011·2	...	65·6	61·1	57·6	16·4	75	...	0·7	...	0·1	0	0	1	**0**	0	0	0	0	**0**	1	0	30
Darbhanga ...	0830	161	1019·9	1014·0	+1·5	57·3	55·8	54·4	14·5	90	+ 7	0·6	−0·3	0·7	0	0	10	**0**	0	0	0	0	**2**	7	1	21
	1730	,,	1016·2	1010 4	...	67·9	62·0	57·8	16·1	70	...	0·7	...	0	0	0	0	**0**	0	0	0	0	**0**	0	0	31
Motihari ...	0830	218	1019·6	1011·7	+1·3	62·2	58·7	55·9	15·3	81	+ 1	0·9	−0·3	0·8	0	0	12	**0**	0	0	1	0	**0**	11	0	19
	1730	,,	1016·1	1008·3	...	65·9	61·0	57·5	16 6	75	...	0·5	...	0·5	0	0	6	**0**	0	0	0	0	**0**	6	0	25
Patna ...	0830	173	1019·8	1013·5	+1·3	61·9	55·4	49·5	12·1	64	− 6	1·0	0	2·5	0	0	30	**0**	2	0	0	5	**16**	4	3	1
	1730	,,	1016·1	1010·0	...	70·7	60·0	51·0	13·1	50	...	1·1	...	1·4	0	0	18	**0**	0	0	0	0	**3**	13	2	13
Patna (Aerodrome) ...	0530	196	1017·2	1010·0	...	50·7	49·3	48·0	11·2	90	...	0·7	...	0·5	0	0	6	**1**	0	0	0	0	**3**	1	1	25
	0830	,,	1019·4	1012·3	...	60·6	55·0	49·8	12·4	68	...	1·2	...	3·3	0	0	23	**0**	0	0	0	1	**9**	12	1	8
	1130	,,	1018·7	1011·8	...	72·6	59·9	48·7	12·8	43	...	1·3	...	5·1	0	0	30	**1**	0	1	2	1	**3**	11	11	1
	1730	,,	1015·9	1009·0	...	68·6	59·8	52·6	13·4	57	...	1·5	...	0·6	0	0	8	**2**	0	0	0	0	**0**	3	3	23
Dehri ...	0830	352	1019·7	1007·0	...	60·5	55·3	49·8	12·8	69	...	0 9	...	2·5	0	0	28	**1**	1	0	2	3	**20**	0	1	3
	1730	,,	1015·8	1003·5	...	71·5	60·1	50·2	12·5	47	...	1·2	...	2·1	0	0	28	**4**	3	0	1	0	**0**	2	18	3
Gaya ...	0530	365	1017·3	1004·0	...	51·6	48·7	45·5	10·3	80	...	0·6	...	1·5	0	0	17	**0**	0	1	15	0	**1**	0	0	14
	0830	,,	1019·5	1005·4	+1·5	59·9	53·5	47·5	11·1	65	− 2	1·3	+0·3	2·2	0	0	28	**0**	0	0	10	16	**2**	0	0	3
	1130	,,	1018·7	1005·9	...	74·3	59·3	45·0	10·5	36	...	1·2	...	3·2	0	0	25	**1**	1	2	1	4	**1**	8	7	6
	1730	,,	1015·8	1002·9	...	70·1	58·4	47·5	11·7	44	...	1·7	...	0·7	0	0	11	**1**	1	0	0	0	**0**	4	5	20
	2330	,,	1017·8	1004·6	...	57·4	52·3	47·0	11·2	69	...	0·3	...	0·8	0	0	13	**0**	0	2	7	4	**0**	0	0	18
Jamui ...	0830	270	1019·0	1009·4	...	58·2	55·1	52·4	13·5	81	...	1·5	...	1·1	0	0	14	**0**	0	8	3	0	**0**	0	3	17
	1730	,,	1016·6	1007·0	...	69·0	61·9	55·2	15·8	66	...	1·6	...	0·6	0	0	9	**0**	0	0	0	0	**0**	0	9	22
Dumka ...	0830	489	1019·3	1002·0	+1·3	68·2	58·1	49·1	12·1	53	−13	0·4	−0·5	1·9	0	0	30	**3**	1	1	0	0	**1**	16	8	1
	1730	,,	1015·9	998·7	...	72·5	60·8	51·4	13·8	48	...	0·4	...	1·9	0	0	30	**3**	1	2	1	0	**1**	8	14	1
Sabour ...	0830	122	1019·7	1015·2	+1·6	60·2	56·1	52·2	13·6	75	− 7	0·9	−0·4	1·5	0	0	18	**0**	0	0	4	1	**10**	3	0	13
	1730	,,	1015·9	1011·5	...	66·7	60·6	55·7	15·4	69	...	1·2	...	1·4	0	0	18	**2**	0	0	0	0	**0**	1	15	13
Bhagalpur ...	0530	160	1017·3	1011·3	...	55·0	52·5	49·9	12·4	84	...	0·1	...	1·2	0	0	13	**0**	0	0	0	5	**7**	1	0	18
	0830	,,	1019·9	1013·9	...	61·3	56·2	51·8	13·2	71	...	0·9	...	0·8	0	0	10	**0**	0	0	0	1	**5**	4	0	21
	1130	,,	1019·1	1013·2	...	70·9	60·6	52·3	13·2	52	...	1·0	...	2·7	0	0	25	**0**	1	0	1	0	**1**	17	5	6
	1730	,,	1016·1	1010·2	...	69·5	60·5	53·4	13·9	57	...	1·1	...	2·7	0	0	24	**0**	0	0	0	0	**5**	15	3	7
	2330	,,	1017·9	1011·9	...	60·1	56·0	52·6	14·1	76	...	0·3	...	1·2	0	0	14	**0**	1	1	0	1	**8**	3	0	17
U. P. East																										
Gonda ...	0830	330	1019·6	1006·5	...	54·3	50·6	46·8	10·9	73	− 9	1·4	−0·1	1·1	0	0	15	**0**	0	3	0	0	**0**	11	1	16
	1730	,,	1016·6	1003·8	...	66·8	58·9	51·7	13·5	59	...	2·0	...	0·1	0	0	1	**0**	0	0	0	0	**0**	0	1	30
Gorakhpur ...	0830	254	1019·0	1009·9	+1·0	59·0	54·8	49·8	12·8	72	− 6	0·9	0	1·4	0	0	22	**0**	1	1	0	0	**1**	18	1	9
	1730	,,	1015·8	1006·9	...	69·1	61·4	55·7	15·0	62	...	1·5	...	0·4	0	0	7	**0**	0	0	0	0	**1**	5	1	24
Gorakhpur (P.B.O.) ...	0530	257	1016·9	1007·5	...	51·7	49·4	48·2	10·9	87	...	1·3	...	1·0	0	0	12	**0**	0	0	0	2	**8**	2	0	19
	1130	,,	1018·5	1009·4	...	71·7	59·8	49·5	12·2	46	...	2·0	...	4·1	0	0	29	**1**	2	0	2	11	**8**	5	0	2
	2330	,,	1017·8	1008·4	...	55·8	53·3	50·9	12·7	84	...	0·9	...	0·5	0	0	5	**0**	0	0	0	0	**1**	2	2	26
Azamgarh ...	0830	255	1018·7	1010·3	...	57·6	53·5	48·7	12·2	71	...	0·9	...	0·2	0	0	3	**0**	1	0	0	0	**1**	1	0	28
	1730	,,	1015·9	1003·8	...	68·6	61·1	55·5	15·0	62	..	0·7	...	0	0	0	0	**0**	0	0	0	0	**0**	0	0	31
Banaras ...	0830	250	1019·6	1010·2	+0·8	54·0	51·8	48·1	12·1	75	− 1	1·3	+0·2	3·3	0	0	30	**0**	0	2	1	4	**10**	13	0	1
	1730	,,	1016·2	1007·0	...	71·2	59·7	49·5	12·3	48	...	1·9	...	2·7	0	0	30	**5**	1	1	0	1	**1**	10	11	1
Banaras (Babatpur Aerodrome) ...	0530	280	1017·7	1007·3	...	48·5	46·9	45·2	10·2	87	...	1·3	...	2·4	0	0	24	**0**	1	0	1	1	**7**	12	2	7
	0830	,,	1020·0	1009·8	...	60·0	53·8	47·9	11·4	65	...	2·0	...	4·1	0	0	31	**0**	1	1	2	0	**6**	14	7	0
	1130	,,	1019·3	1009·4	...	72·4	58·4	45·1	10·5	39	...	1·7	...	4·9	0	0	29	**0**	0	1	4	0	**3**	15	6	2
	1730	,,	1016·5	1006·5	...	69·9	58·6	48·6	11·8	47	...	2·1	...	2·3	0	0	23	**0**	3	0	0	0	**4**	9	7	8
	2330	,,	1018·2	1007·9	...	53·4	50·4	47·4	11·1	80	...	1·2	...	1·7	0	0	19	**2**	0	1	1	1	**3**	8	3	12
Allahabad (Bamrauli) ...	0530	322	1017·7	1005·9	...	51·1	48·6	45·7	10·5	82	...	0·5	...	2·3	0	0	24	**1**	1	2	1	2	**10**	6	1	7
	0830	,,	1019·9	1008·2	+1·2	57·8	52·8	47·7	11·4	70	− 7	2·4	+0·9	3·1	0	0	26	**0**	2	4	0	3	**5**	9	3	5
	1130	,,	1019·4	1008·0	...	72·7	58·9	45·9	10·8	39	...	2·5	...	5·4	0	0	31	**5**	3	2	3	2	**1**	9	6	0
	1730	,,	1016·4	1005·0	...	70·3	59·7	50·9	12·8	50	...	2·5	...	2·5	0	0	25	**8**	4	2	0	0	**0**	5	6	6
	2330	,,	1018·2	1006·5	...	56·6	52·1	47·5	11·3	72	...	1·0	...	2·3	0	0	27	**4**	4	3	1	3	**4**	5	3	4
Fatehpur ...	0830	375	1020·3	1006·7	...	57·2	52·5	47·5	11·4	69	0	2·9	+1·5	0·6	0	0	7	**0**	0	1	2	1	**0**	3	0	24
	1730	,,	1016·3	1003·2	...	70·8	58·9	47·4	11·4	46	...	2·8	...	0·1	0	0	2	**0**	0	1	0	1	**0**	0	0	29
Banda ...	0830	398	1020·4	1005·9	...	57·5	52·6	46·9	11·3	69	...	1·4	...	0·5	0	0	6	**1**	0	4	0	0	**0**	1	0	25
	1730	,,	1016·4	1002·4	...	71·2	61·2	52·2	13·9	53	...	0·9	...	0·1	0	0	1	**0**	0	1	0	0	**0**	0	0	30
Orai ...	0830	463	1020·1	1003·5	...	58·4	51·1	43·3	9·4	58	...	2·9	...	2·7	0	0	28	**2**	2	2	2	1	**6**	7	6	3
	1730	,,	1017·4	1001·1	...	72·3	58·7	46·0	10·7	40	...	2·7	..	3·4	0	0	29	**10**	3	3	1	0	**1**	0	11	2
Kanpur ...	0830	414	1020·1	1005·0	+1·5	55·3	51·1	47·0	10·9	70	− 7	2·3	+1·6	2·6	0	0	20	**1**	0	4	2	0	**5**	4	4	11
	1730	,,	1016·7	1002·0	...	69·1	56·1	51·5	9·6	54	...	2·4	...	2·6	0	0	21	**3**	2	1	0	0	**0**	8	7	10
Lucknow ...	0830	371	1020·1	1006·6	+1·7	54·0	51·0	47·1	11·0	75	− 2	2·1	+1·1	0·8	0	0	11	**1**	1	2	0	0	**2**	2	3	20
	1730	,,	1017·0	1003·8	...	66·9	59·0	50·5	14·9	61	...	2·1	...	0·1	0	0	1	**1**	0	0	0	0	**0**	0	0	30
Lucknow (Amausi Aerodrome) ...	0530	419	1017·6	1002 1	...	45·9	44·8	43·5	9·6	91	...	1·4	...	1·2	0	0	9	**0**	2	0	0	0	**0**	3	4	22
	0830	,,	1019·8	1004·4	...	53·5	50·1	46·3	10·8	77	...	2·2	...	1·7	0	0	12	**1**	0	1	1	0	**2**	3	4	19
	1130	,,	1019·3	1004·5	...	70·2	58·3	47·3	11·3	45	...	2·5	...	4·5	0	0	29	**1**	1	1	2	0	**3**	7	14	2
	1730	,,	1016·5	1001·6	...	66·5	58·2	51·0	12·8	59	...	2·5	...	1·3	0	0	12	**0**	0	1	0	0	**0**	2	9	19
Hardoi ...	0830	467	1019·3	1002·2	...	51·9	48·6	44·3	10·2	81	...	1·7	...	1·9	0	0	23	**3**	0	1	1	1	**3**	11	3	8
	1730	,,	1015·8	999·1	...	69 3	59·8	51·8	13·3	55	...	1·9	...	1·4	0	0	19	**3**	1	2	0	0	**4**	4	5	12
Lakhimpur Kheri ...	0830	483	1020·0	1002·4	...	56·3	51 4	45·9	10·6	68	...	2·1	...	1·5	0	0	21	**6**	1	1	1	0	**1**	5	6	10
	1730	,,	1016·3	999·1	...	65·4	57·6	50·3	12·9	57	...	2·4	...	0·1	0	0	1	**1**	0	0	0	0	**0**	0	0	30
Bahraich ...	0830	407	1016·9	1001·3	−1·8	56·1	51·9	48·4	11·4	74	− 6	1·9	+0·9	1·9	0	0	19	**0**	0	2	1	0	**1**	5	10	12
	1730	,,	1014·5	1000·3	...	68·2	58·7	50·5	7·6	53	...	2·1	...	0·3	0	0	10	**0**	0	2	0	0	**4**	2	2	21

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
U. P. West																										
Jhansi ...	0830	823	1020·4	990·9	+1·4	60·7	52·3	42·1	9·5	53	− 7	1·9	+0·8	1·6	0	0	12	3	0	4	0	1	0	4	0	19
	1730	..	1015·9	987·1	...	71·4	58·1	48·5	10·6	41	...	1·5	...	0·4	0	0	2	0	0	0	0	0	0	1	1	29
Agra ...	0830	553	1020·4	1000·0	+1·3	52·0	48·3	43·7	9·9	75	+13	1·7	+0·3	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	..	1016·8	997·3	...	70·7	57·5	45·0	10·4	42	...	1·8	...	0·2	0	0	3	0	0	0	0	0	0	3	0	28
Mainpuri ...	0330	516	1020·3	1001·5	+1·8	54·6	50·2	45·4	10·2	72	+ 1	2·4	+1·0	1·0	0	0	15	1	1	1	0	0	2	6	4	16
	1730	..	1016·8	995·3	...	69·2	59·7	51·2	13·2	55	...	4·0	...	0·3	0	0	4	0	0	0	0	0	1	2	1	27
Aligarh ...	0530	615	1018·5	995·9	...	48·7	45·8	42·0	9·0	78	...	1·0	...	0·7	0	0	7	1	0	0	0	0	4	2	0	24
	0830	..	1020·0	997·5	...	51·5	47·1	42·1	9·0	70	+ 8	2·4	+1·0	0·3	0	0	4	0	0	0	0	0	0	4	0	27
	1130	..	1020·0	998·2	...	69·2	56·4	43·3	9·9	41	...	2·5	...	4·5	0	1	23	0	0	0	3	4	2	12	3	7
	1730	..	1016·5	995·1	...	68·1	57·9	48·3	12·1	50	...	2·2	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
	2330	..	1019·1	996·6	...	53·6	49·7	45·2	10·3	74	...	1·9	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
Bareilly ...	0830	568	1019·4	998·7	+1·0	55·0	50·1	44·5	10·2	69	−12	2·4	+1·0	0·5	0	0	7	1	0	1	0	0	1	3	1	24
	1730	..	1016·0	995·9	...	68·4	58·8	50·2	12·6	53	...	3·0	...	0·3	0	0	4	0	0	0	0	0	1	0	3	27
Bareilly (P.B.O.) ...	0530	565	1017·5	996·8	...	51·8	49·4	47·1	10·9	85	...	1·4	...	1·9	0	0	19	3	0	3	0	0	0	8	5	12
	1130	..	1019·1	999·0	...	67·7	56·4	47·5	10·5	49	...	2·6	...	4·2	0	0	29	3	0	4	2	0	1	6	13	2
	2330	..	1018·3	997·7	...	56·3	52·7	50·0	11·9	79	...	1·3	...	1·1	0	0	12	2	0	3	0	0	0	6	2	18
Meerut ...	0830	728	1020·2	993·6	+1·5	51·5	47·5	40·9	9·4	65	−10	1·4	0	0·6	0	0	9	0	0	1	0	0	1	4	3	22
Roorkee ...	0830	899	1020·1	987·2	+1·2	49·7	46·1	41·5	8·4	75	− 7	2·3	+0·5	0·7	0	0	11	0	0	0	4	0	1	0	6	20
	1730	..	1016·5	981·8	...	65·2	54·8	44·4	10·0	48	...	2·6	...	0·8	0	0	12	0	1	0	3	0	0	1	7	19
Dehra-Dun ...	0530	2,239	902·5	939·4	...	47·1	44·0	40·1	8·6	77	...	1·3	...	0·8	0	0	11	6	4	0	0	0	1	0	0	20
	083)	..	903·9	941·0	+1·5	50·3	46·0	39·4	8·9	70	− 5	2·0	−0·5	1·0	0	0	15	5	4	0	0	0	1	3	2	16
	1130	..	905·8	941·5	...	65·5	53·0	40·3	8·8	41	...	2·5	...	1·3	0	0	20	0	0	0	2	7	8	3	0	11
	1730	..	903·0	939·1	...	60·7	53·9	48·0	11·5	63	...	2·3	...	0·5	0	0	7	1	2	0	0	0	0	4	0	24
	2330	..	903·8	940·5	...	51·0	47·0	42·8	9·4	74	...	1·7	...	1·2	0	0	17	9	7	0	0	0	1	0	0	14
Punjab (1)																										
New-Delhi ...	0530	710	1018·5	992·3	...	49·1	44·2	37·3	7·6	64	...	1·0	...	3·6	0	0	24	3	0	1	1	0	1	12	6	7
	0830	..	1020·1	994·1	+1·4	52·3	45·3	36·2	7·3	56	−8	2·1	+0·3	4·9	0	0	29	1	1	2	0	1	3	15	6	2
	1130	..	1019·8	994·5	...	68·1	54·1	38·3	8·0	34	...	2·0	...	6·7	0	0	30	2	0	2	4	2	1	5	14	1
	1730	..	1016·8	991·6	...	67·8	55·0	40·1	9·3	39	...	3·1	...	4·3	0	0	29	6	2	4	1	0	0	0	16	2
	2330	..	1018·9	993·0	...	53·4	47·6	40·3	8·6	62	...	1·8	...	2·4	0	0	19	1	0	1	1	1	1	6	8	12
Hissar ...	0830	725	1021·2	994·4	+2·0	46·5	41·5	34·1	6·7	62	−7	1·3	−0·4	1·9	0	0	23	1	3	3	4	0	7	2	2	9
	1730	..	1017·0	991·5	...	70·3	55·9	40·8	8·6	35	...	1·3	...	1·7	0	0	19	5	3	0	0	0	0	1	10	12
Karnal ...	0830	818	1019·9	989·1	...	47·3	43·7	39·8	8·1	73	...	2·2	...	0·1	0	0	2	0	0	0	0	0	0	0	2	29
	1730	..	1017·9	987·6	...	65·6	54·2	43·9	9·4	43	...	2·6	...	0·2	0	0	3	1	1	0	0	0	0	0	1	28
Ambala ...	0330	892	1019·8	987·1	+1·0	47·2	44·0	39·7	8·4	76	+2	2·5	+0·3	1·1	0	0	15	4	0	4	1	0	0	0	6	16
	1730	..	1016·5	985·0	...	66·1	54·9	42·3	9·7	42	...	2·1	...	1·6	0	0	16	1	1	0	2	1	1	4	6	15
Ambala (P.B.O.) ...	0530	903	1018·2	985·3	...	51·4	48·2	44·9	10·1	80	...	1·4	...	2·1	0	0	15	0	0	3	0	0	0	2	10	16
	1130	..	1019·7	986·8	...	63·3	51·8	47·7	10·9	59	...	2·8	...	4·3	0	0	24	2	0	3	3	2	1	2	11	7
	2330	..	1018·8	986·1	...	56·4	51·6	47·1	10·9	72	...	2·0	...	2·3	0	0	21	2	1	3	2	0	0	2	11	10
Patiala ...	0830	832	1019·9	989·8	...	50·3	45·7	36·9	8·4	69	...	2·7	...	1·4	0	0	16	6	0	2	1	0	0	1	6	15
	1730	..	1016·7	987·2	...	65·7	54·1	42·1	10·3	44	...	2·7	...	2·6	0	0	28	13	0	2	1	0	0	0	12	3
Ludhiana ...	0830	810	1020·1	990·2	+1·0	48·0	44·5	40·1	8·6	75	0	2·2	+0·1	0	0	0	0	0	0	0	0	0	0	0	0	31
	1730	..	1017·2	988·3	...	67·5	56·7	46·5	11·4	48	...	2·9	...	0·3	0	0	4	0	1	0	0	0	0	1	2	27
Ferozepur ...	0830	657	1020·5	996·0	...	43·5	41·1	38·3	7·6	83	...	2·8	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
	1730	..	1017·2	994·0	...	65·6	57·4	42·8	6·8	45	...	2·4	...	0·5	0	0	3	0	2	1	0	0	0	0	0	28
Amritsar ...	0530	769	1019·4	990·6	...	39·6	37·9	35·5	7·1	85	...	2·0	...	3·7	0	0	28	3	6	1	1	4	8	4	3
	0830	..	1020·7	992·1	...	43·9	40·2	36·5	7·7	79	...	2·8	...	3·9	0	0	28	3	1	2	2	2	4	7	7	3
	1130	..	1020·5	993·1	...	63·9	52·1	38·8	8·1	40	...	2·8	...	4·9	0	0	23	3	1	0	2	0	1	3	13	8
	1730	..	1017·7	990·3	...	62·0	51·1	38·4	7·9	43	...	2·3	...	5·5	0	0	30	1	1	2	1	0	2	12	11	1
Pathankot ...	0830	1128	1020·0	979·0	...	49·5	44·9	39·0	8·0	67	...	3·1	...	1·7	0	0	26	0	5	16	3	1	0	1	0	5
	1730	..	1017·4	977·6	...	63·7	54·0	44·0	10·1	50	...	3·6	...	1·3	0	0	19	0	2	0	0	2	1	13	1	12
Jammu and Kashmir																										
Srinagar ...	0830	5,205	802·4	847·7	+0·9	29·9	23·4	26·0	4·8	85	−5	5·1	−0·2	1·5	0	0	12	0	2	0	4	0	0	2	4	19
	1130	..	803·9	848·3	...	40·5	35·9	29·9	5·6	67	...	4·9	...	2·3	0	0	18	2	2	0	4	2	2	1	5	13
	1730	..	801·8	845·9	...	43·3	37·8	31·0	5·8	63	...	5·9	...	1·8	0	0	14	1	3	0	2	0	1	2	5	17
Gulmarg ...	0830	8709	...	...	...	Closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dras (R)...	0830	10,059	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kargil (R)...	0830	8790	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Leh (R)...	0530	11,529	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	0830	..	712·6	667·5	+0·7	20·3	14·9	-0·7	1·2	36	−22	3·9	−0·7	0·5	0	0	4	0	3	0	1	0	0	0	0	27
	1730	..	...	665·6	...	30·3	23·3	-7·8	2·5	36	...	4·6	...	3·5	0	0	23	0	3	0	1	2	12	4	1	8
Skardu (R)...	0830	7505	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Gilgit (R)...	0830	4890	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Misgar (R)...	0830	10,190	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(R)...	1730	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jammu ...	0830	...	...	...	...	53·6	44·7	32·6	6·1	46	−16	4·1	+1·5	5·9	0	0	31	26	1	0	0	0	2	0	2	0
Rajasthan, West																										
Sri Ganganagar ...	0830	580	1020·3	998·3	...	48·2	43·2	36·2	7·3	64	-1	1·4	-0·4	2·3	0	0	24	2	3	2	4	6	2	2	3	7
	1730	..	1016·9	996·7	...	69·5	54·2	33·1	7·6	32	...	1·3	...	1·9	0	0	25	5	2	2	0	0	0	4	12	6
Bikaner ...	0830	734	1020·5	993·6	+1·6	45·3	40·4	33·5	6·4	60	+4	1·3	-0·5	1·8	0	0	19	1	4	1	11	0	2	0	0	12
	1730	..	1016·6	991·0	...	76·2	59·4	48·3	9·8	43	...	1·6	...	3·2	0	0	29	4	22	0	2	0	0	0	1	2

(R) Register not received.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Rajasthan, West —contd.																										
Bikaner (P.B.O.)	0530	735	1019·2	991·9	...	43·8	40·7	35·9	7·3	75	...	1·6	...	0·5	0	0	6	0	2	1	1	2	0	0	0	25
	1130	,,	1020·0	994·0	...	69·8	60·6	53·0	14·0	57	...	2·0	...	2·1	0	0	21	0	4	4	8	4	1	0	0	10
	2330	,,	1019·4	992·6	...	52·5	47·6	41·7	9·0	67	...	2·2	...	1·0	0	0	9	1	4	1	0	0	0	1	2	22
Jaisalmer ...	0830	793	1019·5	990·8	...	52·7	43·6	29·5	5·7	42	...	1·4	...	3·5	0	1	17	1	12	0	2	0	0	2	1	13
	1730	,,	1015·9	988·3	...	73·6	56·6	39·7	8·0	29	...	1·7	...	7·3	0	1	30	0	25	0	0	0	0	2	4	0
Jodhpur ...	0530	736	1017·8	991·2	...	55·5	45·2	29·6	5·7	38	...	1·3	...	4·4	0	2	28	3	27	0	0	0	0	0	0	1
	0830	,,	1019·5	992·9	+2·6	56·1	45·4	29·0	5·4	33	−14	2·0	+0·3	6·6	0	0	29	1	27	1	0	0	0	0	0	2
	1130	,,	1019·3	993·4	...	71·2	54·4	34·4	6·9	27	...	2·0	...	6·7	0	1	28	2	18	8	1	0	0	0	0	2
	1730	,,	1015·9	990·3	...	75·7	57·3	36·7	7·9	26	...	2·8	...	4·4	0	1	24	5	13	3	1	0	1	2	0	6
	2330	,,	1018·3	992·2	...	61·8	48·5	31·0	6·2	32	...	1·2	...	7·5	0	0	29	5	21	1	0	0	0	1	1	2
Phalodi ...	0830	767	1019·9	991·7	...	51·2	42·6	23·1	5·5	43	...	1·5	...	2·6	0	0	28	5	3	2	10	3	2	1	2	3
	1730	,,	1017·0	989·4	...	74·1	56·3	33·9	7·6	26	...	1·9	...	6·1	0	0	31	20	4	3	0	0	2	0	2	0
Barmer ...	0530	638	1017·3	994·3	...	57·6	50·9	43·7	9·7	61	...	2·0	...	5·8	0	0	30	1	0	0	0	0	0	0	29	1
	0830	,,	1019·2	996·1	+1·7	57·2	50·7	43·6	9·7	61	+ 8	2·3	+0·7	4·5	0	0	27	3	0	0	0	0	0	0	24	4
	1130	,,	1019·3	996·7	...	69·6	59·0	49·0	12·4	50	...	2·6	...	2·7	0	0	25	11	11	0	0	0	0	0	3	6
	1730	,,	1015·5	993·3	...	76·2	64·1	54·2	15·0	49	...	3·1	...	2·1	0	0	21	5	12	1	0	0	0	1	2	10
	2330	,,	1017·9	995·1	...	62·8	54·6	46·2	11·0	56	...	1·3	...	2·9	0	0	24	4	0	0	0	0	0	0	20	7
Rajasthan, East																										
Sikar ...	0830	1419	1020·6	967·2	...	51·1	45·9	37·0	8·1	63	...	2·3	...	1·5	0	0	21	1	2	3	11	3	0	0	1	10
	1730	,,	1016·4	963·9	...	69·9	57·9	46·0	10·9	45	...	3·0	...	2·6	0	0	22	8	7	1	2	0	0	0	4	9
Jaipur ...	0830	1431	1019·9	968·9	+0·3	57·0	48·2	35·7	7·6	48	− 7	2·1	+0·6	3·0	0	0	19	0	9	8	1	0	0	1	0	12
	1130	,,	1019·0	969·3	...	71·2	54·9	35·8	7·6	29	...	1·6	...	4·6	0	0	30	1	3	4	8	6	4	2	3	1
	1730	,,	1016·0	966·5	...	70·9	56·4	41·1	9·1	35	...	3·1	...	2·5	0	0	23	1	0	4	3	3	2	3	7	8
Jaipur (Sanganer Aerodrome) ...	0530	1282	1017·9	971·8	...	51·6	44·5	34·0	6·9	52	...	1·5	...	4·3	0	1	24	6	5	9	1	0	0	1	3	6
	0830	,,	1019·3	973·7	...	56·5	48·0	36·9	7·6	49	...	2·4	...	2·8	0	1	16	2	6	9	0	0	0	0	0	14
	1130	,,	1019·4	974·1	...	68·9	54·4	36·1	7·5	31	...	2·3	...	5·5	0	0	28	2	4	9	11	0	0	1	1	3
	1730	,,	1015·8	971·2	...	70·3	55·3	38·5	8·3	33	...	3·3	...	3·7	0	1	22	0	1	6	3	1	1	3	8	8
	2330	,,	1018·4	972·5	...	55·9	47·1	35·1	7·2	46	...	1·7	...	4·6	0	0	25	7	6	10	1	0	0	1	0	6
Ajmer ...	0830	1593	1021·0	963·7	+1·1	51·0	44·0	35·0	6·7	55	− 2	2·4	+1·0	1·5	0	0	19	4	6	3	1	0	0	3	2	12
	1730	,,	1016·1	961·0	...	69·8	53·8	37·2	7·1	32	...	2·6	...	1·1	0	0	13	2	4	2	1	0	0	0	3	18
Kotah ...	0530	843	1017·7	987·2	...	54·8	49·5	43·5	9·7	66	...	1·5	...	0·1	0	0	1	0	0	0	1	0	0	0	0	30
	0830	,,	1019·9	989·5	+1·1	57·6	50·4	42·0	9·3	58	+ 1	2·0	0·5	0·8	0	0	7	0	2	1	2	0	1	1	0	24
	1130	,,	1019·1	989·5	...	70·9	56·6	42·0	9·3	37	...	1·8	...	0·7	0	0	7	1	2	1	1	0	0	0	2	24
	1730	,,	1015·4	986·1	...	75·5	59·7	44·8	10·4	35	...	2·0	...	1·3	0	0	12	3	4	2	1	0	0	0	2	19
	2330	,,	1018·1	988·0	...	61·9	53·6	44·8	10·3	54	...	1·4	...	0·4	0	0	4	0	2	0	1	0	0	1	0	27
Jhalawar ...	0830	1053	1019·5	981·7	+1·0	55·8	49·6	43·4	9·4	63	− 1	1·7	+0·2	1·0	0	0	9	4	3	1	0	0	0	0	1	22
	1730	,,	1014·6	978·4	...	77·2	59·6	42·0	10·1	31	...	1·7	...	3·5	0	0	25	10	11	2	0	0	1	0	1	6
Udaipur ...	0530	1910	901·3	950·5	...	49·7	45·9	41·8	9·0	74	...	0·8	..	0·5	0	0	4	1	0	0	0	0	0	0	3	27
	0830	,,	903·3	952·1	+0·7	55·0	48·4	41·5	8·9	60	+ 2	1·8	+0·8	0·3	0	0	4	0	0	0	0	0	0	0	4	27
	1130	,,	905·5	952·7	...	72·0	56·8	43·7	9·6	37	...	1·7	...	2·5	0	0	22	0	7	10	2	1	0	1	1	9
	1730	,,	902·7	949·6	...	73·2	58·7	46·9	11·0	40	...	2·2	...	1·6	0	0	16	1	6	4	1	1	3	0	0	15
	2330	,,	903·2	951·5	...	45·3	49·9	44·7	10·1	68	...	0·5	...	0·1	0	0	1	0	0	0	0	0	0	0	1	30
Madhya Bharat																										
Gwalior (P.B.O.) ...	0530	688	1018·3	992·9	...	45·9	44·0	41·6	9·0	85	...	1·4	...	0·6	0	0	7	0	0	0	0	3	2	0	2	24
	0830	,,	1019·9	995·0	+1·7	56·8	50·6	43·7	9·8	63	+ 2	2·5	+1·2	1·5	0	0	14	3	1	0	1	2	4	0	3	17
	1130	,,	1019·4	995·3	...	71·5	56·3	40·7	8·7	35	...	2·2	...	4·5	0	0	28	7	4	4	6	3	1	0	3	3
	1730	,,	1016·4	992·2	...	69·3	57·3	45·3	10·7	44	...	2·3	...	2·1	0	0	22	9	5	3	1	0	0	0	4	9
	2330	,,	1018·2	993·6	...	52·2	49·0	45·4	10·4	79	...	1·8	...	0·8	0	0	10	2	0	0	0	0	4	0	4	21
Sheopur Kalan ...	0830	771	1018·7	991·0	...	54·1	49·0	42·7	9·5	67	...	2·6	...	0·3	0	0	4	1	2	0	0	1	0	0	0	27
	1730	,,	1015·3	988·3	...	73·9	59·3	45·1	10·8	38	...	2·7	...	1·0	0	0	9	4	3	1	0	1	0	0	0	22
Guna ...	0530	1571	1018·1	961·8	...	51·9	48·3	44·5	10·1	77	...	2·1	...	1·6	0	0	11	0	2	6	3	0	0	0	0	20
	0830	,,	1019·5	963·8	+0·9	57·0	51·2	45·6	10·5	68	+ 2	2·6	+1·2	2·9	0	0	24	2	3	13	5	1	0	0	0	7
	1130	,,	1018·3	964·2	...	73·5	60·9	51·3	13·1	48	...	2·9	...	4·3	0	0	31	0	7	12	9	1	0	1	1	0
	1730	,,	1014·6	960·9	...	74·7	62·5	54·5	14·4	50	...	3·2	...	2·2	0	0	19	9	4	2	2	0	2	0	0	12
	2330	,,	1018·4	962·8	...	58·3	52·8	47·8	11·5	69	...	2·0	...	1·9	0	0	15	1	7	5	1	0	0	0	1	16
Neemuch ...	0830	1626	1019·6	962·5	+1·3	59·8	49·3	37·3	7·8	45	− 8	2·5	+1·1	2·6	0	0	23	0	22	0	1	0	0	0	0	8
	1730	,,	1014·9	959·5	...	76·2	57·8	40·6	8·9	29	...	3·1	...	2·7	0	0	35	1	21	0	0	0	0	1	2	6
Ratlam ...	0830	1596	1018·4	962·0	...	59·5	51·6	43·0	9·6	56	...	3·9	...	5·7	0	0	34	5	15	4	0	0	0	0	0	7
	1730	,,	1013·3	959·3	...	80·3	61·9	47·4	10·6	33	..	4·5	...	4·5	0	0	29	2	8	4	0	0	4	8	3	2
Indore ...	0530	1861	900·5	951·1	...	54·9	48·9	42·5	9·4	64	...	1·3	...	0·1	0	0	3	0	1	1	0	0	0	0	0	29
	0830	,,	903·2	953·2	+0·4	62·4	53·8	45·8	10·7	56	+ 4	1·9	+0·5	0·6	0	0	8	0	4	1	1	2	0	0	0	23
	1130	,,	904·9	953·2	...	78·7	61·6	48·3	11·9	36	...	2·2	...	8·1	0	6	25	1	3	6	4	11	4	0	2	0
	1730	,,	901·9	950·1	...	78·7	61·3	47·6	11·5	34	...	2·7	...	3·9	0	0	28	2	6	2	1	3	8	3	3	3
	2330	,,	903·1	952·5	...	68·1	56·2	45·9	10·7	46	...	0·9	...	4·8	0	3	22	4	7	1	2	5	2	0	4	6
Bhopal (Bairagarh) ...	0530	1714	900·5	956·5	...	56·9	49·6	41·5	10·4	59	...	1·2	...	5·5	0	1	27	2	13	7	4	1	0	0	1	3
	0830	,,	903·2	958·7	+0·7	62·2	52·2	42·0	9·3	50	−10	2·7	+1·0	4·3	0	1	22	1	8	3	9	1	0	0	0	9
	1130	,,	904·5	958·6	...	75·1	58·2	42·7	9·7	33	...	2·7	...	8·8	0	1	28	0	1	12	11	2	1	1	1	2
	1730	,,	901·3	955·7	...	77·3	59·5	44·6	10·3	32	...	2·9	...	5·2	0	1	27	5	10	4	1	3	1	0	1	3
	2330	,,	901·9	957·3	...	63·4	53·3	43·2	10·2	49	...	1·6	..	6·0	0	1	25	2	12	6	3	1	0	0	2	5
Vindhya Pradesh																										
Nowgong ...	0830	750	1020·3	993·9	+1·1	51·5	48·4	44·8	10·2	78	+ 2	2·3	−0·8	1·5	0	0	19	1	4	1	1	2	8	1	1	12
	1730	,,	1015·8	989·6	...	73·4	59·0	45·6	10·4	39	...	2·1	...	1·6	0	0	24	1	21	0	1	0	0	0	1	7
Sutna ...	0830	1041	1019·7	982·7	+1·3	59·6	53·0	46·1	10·8	62	− 4	2·3	+0·9	1·5	0	0	22	1	0	7	2	4	3	5	0	9
	1730	,,	1015·6	979·5	...	73·5	61·6	51·6	13·4	47	...	1·9	...	1·6	0	0	20	11	1	2	0	0	0	0	6	11

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F.: Dry bulb	Mean temperature in °F.: Wet bulb	Mean temperature in °F.: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Wind speed (m.p.h.): Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Vindhya Pradesh–*contd.*																										
Umaria ...	0830	1506	1019·8	966·4	...	59·0	53·5	48·3	11·8	68	+ 1	1·6	−0·2	0·9	0	0	12	0	1	2	8	0	0	0	1	19
	1730	,,	1014·9	963·2	...	73·2	61·8	53·9	14·2	50	...	2·5	...	0·3	0	0	5	2	1	0	0	0	1	1	0	26
Madhya Pradesh, East																										
Gondia ...	0830	1026	1019·0	982·7	...	64·1	58·2	52·9	13·8	67	...	1·9	...	0·4	0	0	5	0	5	0	0	0	0	0	0	26
	1730	,,	1014·0	979·1	...	79·3	64·8	53·8	14·4	41	...	1·7	...	0·8	0	0	12	1	2	1	2	4	1	1	0	19
Pendra ...	0530	2048	902·7	946·2	...	54·5	49·9	45·2	10·4	72	...	0·5	...	0·4	0	0	4	2	1	0	0	0	0	1	0	27
	0830	,,	905·0	947·9	+0·9	61·2	53·8	46·9	11·2	61	− 3	0·6	−1·0	1·1	0	0	15	9	0	1	0	1	3	1	0	16
	1130	,,	905·6	948·6	...	73·1	58·9	47·1	11·3	40	...	1·1	...	2·0	0	0	21	6	5	0	2	6	2	0	0	10
	1730	,,	903·3	945·3	...	71·0	59·2	49·3	12·4	47	...	1·3	...	1·7	0	0	22	9	0	0	0	11	2	0	0	9
	2330	,,	903·8	946·8	...	59·6	53·1	47·4	11·2	64	...	0·2	...	0·2	0	0	3	0	0	1	0	2	0	0	0	28
Raigarh ...	0830	723	1019·2	993·4	...	64·3	58·3	53·2	14·0	67	...	1·9	...	2·6	0	0	29	5	17	5	1	1	0	0	0	2
	1730	,,	1014·9	989·9	...	79·2	64·8	54·0	14·3	42	...	1·8	...	0·5	0	0	7	4	1	0	1	0	0	0	1	24
Ambikapur ...	0830	2005	904·8	949·9	...	56·7	52·6	48·9	11·9	75	...	1·2	...	1·9	0	0	23	2	5	1	1	8	6	0	0	8
	1730	,,	903·2	946·9	...	71·1	59·9	52·0	13·1	51	...	1·3	...	3·8	0	0	29	18	6	0	0	0	1	0	4	2
Champa ...	0830	805	1019·4	990·7	...	62·7	57·1	52·2	13·3	68	...	1·9	...	2·9	0	0	28	20	1	1	0	1	0	0	5	3
	1730	,,	1015·0	987·2	...	78·3	64·2	53·2	14·2	42	...	2·6	...	2·1	0	0	25	12	2	3	0	1	0	1	6	6
Raipur ...	0530	979	1016·8	982·0	...	59·6	55·4	52·0	13·1	75	...	0·7	...	0·5	0	0	6	4	1	0	0	0	1	0	0	25
	0830	,,	1019·0	984·5	+1·3	66·2	58·8	52·7	13·6	62	− 2	1·3	+0·1	1·1	0	0	12	6	4	1	1	0	0	0	0	19
	1130	,,	1017·9	984·3	...	77·4	63·5	53·0	13·8	41	...	1·3	...	2·1	0	0	20	3	6	2	4	1	4	0	0	11
	1730	,,	1014·6	981·0	...	78·0	64·1	53·6	14·2	43	...	2·1	...	0·5	0	0	8	1	5	2	0	0	0	0	0	23
	2330	,,	1016·9	982·5	...	67·3	59·2	52·6	13·9	59	...	0·8	...	0·6	0	0	9	0	1	3	1	3	1	0	0	22
Kanker ...	0830	1318	1019·2	972·8	+1·5	64·3	59·1	55·0	14·8	72	− 3	2·0	+0·3	0·2	0	0	1	0	0	0	0	1	0	0	0	30
	1730	,,	1014·2	969·2	...	78·3	64·9	55·0	14·9	45	...	2·5	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Chanda ...	0830	634	1018·5	996·1	+1·1	67·4	61·3	56·3	15·8	68	− 4	2·2	+0·7	0·4	0	0	3	1	0	1	1	0	0	0	0	28
	1730	,,	1014·1	992·2	...	75·9	66·6	58·4	18·1	50	...	2·5	...	0·2	0	0	3	0	2	1	0	0	0	0	0	28
Sironcha ...	0830	405	1018·5	1004·1	...	67·4	63·4	60·3	18·2	79	...	2·0	...	2·0	0	0	21	3	3	7	6	1	0	0	1	10
	1730	,,	1014·3	1000·2	...	81·5	68·7	60·3	18·1	50	...	2·0	...	1·6	0	0	23	3	5	6	6	2	0	0	1	8
Jagdalpur(P.B.O.)	0530	1813	901·1	953·3	...	56·1	54·9	53·6	14·3	91	...	1·6	...	0·1	0	0	2	1	0	1	0	0	0	0	0	29
	0830	,,	903·9	955·7	+1·5	61·7	57·9	55·0	14·9	79	− 2	2·1	−0·1	0·1	0	0	2	1	0	0	0	0	1	0	29
	1130	,,	904·7	955·1	...	75·9	63·4	54·8	14·8	49	...	1·8	...	2·0	0	0	20	2	9	7	1	0	1	0	0	11
	1730	,,	902·1	952·3	...	75·3	63·6	55·9	15·3	51	...	2·5	...	0·7	0	0	9	2	4	2	0	0	1	0	0	22
	2330	,,	902·7	954·3	...	62·1	58·4	55·9	15·2	79	...	0·9	...	0·2	0	0	3	0	0	2	0	0	0	0	1	28
Madhya Pradesh, West																										
Buldhana ...	0830	2133	904·3	943·8	...	66·1	56·7	48·7	11·9	55	...	2·9	...	4·0	0	0	30	1	0	2	3	15	4	2	3	1
	1730	,,	903·0	941·2	...	81·6	62·1	48·1	11·1	31	...	2·9	...	3·0	0	0	29	1	10	7	1	7	1	1	1	2
Akola ...	0830	925	1018·1	985·2	+0·5	66·0	56·2	46·3	11·0	50	− 7	3·5	+1·9	4·6	0	0	30	0	4	15	4	3	1	1	2	1
	1130	,,	1016·6	984·9	...	81·5	64·5	50·7	13·1	36	...	2·5	...	3·8	0	0	30	2	2	10	11	2	1	1	1	1
	1730	,,	1012·6	981·2	...	85·4	64·4	46·6	11·2	27	...	2·9	...	2·5	0	0	29	2	10	7	4	2	1	2	1	2
Akola (Aerodrome) ...	0530	1015	1015·6	979·5	...	60·6	54·8	49·6	12·3	69	...	1·1	...	3·4	0	0	30	0	5	19	3	0	3	0	0	1
	2330	,,	1015·4	980·0	...	70·0	60·9	52·8	14·2	56	...	1·0	...	4·0	0	0	30	0	1	2	24	3	0	0	0	1
Amravati ...	0830	1213	1018·1	975·7	+1·0	67·9	57·9	48·3	11·9	51	0	2·6	+1·0	2·2	0	0	24	0	11	13	0	0	0	0	0	7
	1730	,,	1013·0	972·1	..	84·2	64·1	47·0	11·4	29	...	2·5	...	2·5	0	0	29	1	5	4	11	3	1	3	1	2
Yeotmal ...	0830	1481	1017·8	966·5	...	69·7	61·3	54·9	14·7	60	...	3·6	...	5·9	0	0	30	0	18	1	9	0	1	0	1	1
	1730	,,	1013·5	963·2	...	79·1	65·3	56·1	15·1	45	...	3·7	...	3·9	0	0	28	0	22	1	3	0	1	0	1	3
Khandwa ...	0830	1044	1017·9	981·0	+0·5	65·1	56·4	48·3	11·7	55	− 5	2·7	+1·3	2·3	0	0	20	0	6	5	4	3	1	0	1	11
	1730	,,	1012·3	977·0	...	81·1	67·5	55·3	16·9	38	...	2·8	...	4·5	0	0	29	1	9	2	5	10	0	0	2	2
Hoshangabad ...	0830	992	1018·9	983·5	+0·3	61·4	54·1	45·4	11·0	55	− 5	4·3	+2·9	2·6	0	0	26	1	4	10	9	2	0	0	0	5
	1730	,,	1013·3	979·4	...	80·9	63·1	48·2	11·7	33	...	4·1	...	1·2	0	0	18	0	5	7	3	0	2	1	0	13
Sagar ...	0830	1808	903·7	955·6	+0·8	62·6	52·1	40·6	9·5	47	− 4	2·2	+0·8	8·1	0	0	31	1	17	5	6	1	1	0	0	0
	1730	,,	902·0	952·8	...	73·4	57·8	44·0	10·1	35	...	2·7	...	8·7	0	6	25	5	12	6	0	1	0	4	3	0
Jabalpur ...	0530	1289	1017·8	971·4	...	52·2	50·1	47·9	11·4	85	...	0	...	1·2	0	0	13	0	3	1	9	0	0	0	0	18
	0830	,,	1019·7	973·7	+1·2	58·2	53·3	48·9	11·7	71	− 2	1·6	+0·3	2·3	0	0	18	0	4	0	14	0	0	0	0	13
	1130	,,	1017·6	973·3	...	76·4	62·1	50·3	13·2	41	...	1·7	...	3·3	0	0	26	3	7	0	9	4	2	0	1	5
	1730	,,	1014·3	970·2	...	77·1	64·0	54·2	14·5	45	...	2·6	...	1·8	0	1	14	1	10	1	3	0	0	0	0	16
	2330	,,	1017·8	972·1	...	59·3	55·2	51·8	13·0	76	...	0·6	...	1·3	0	0	13	0	1	1	9	0	2	0	0	18
Mandla ...	0830	1452	1020·2	968·3	...	54·8	52·4	49·9	12·4	84	...	1·9	...	0·6	0	0	10	3	1	0	2	2	0	1	1	21
	1730	,,	1014·3	964·6	...	75·0	62·1	51·9	13·2	45	...	3·1	...	1·2	0	0	12	4	0	0	2	3	1	0	2	19
Seoni ...	0830	2027	903·3	947·0	−0·2	61·5	54·5	48·0	11·7	62	+ 2	2·2	+0·8	0·4	0	0	3	0	1	0	1	0	0	0	1	28
	1730	,,	902·5	944·9	...	76·4	61·6	49·6	12·9	40	...	3·2	...	1·9	0	0	13	0	1	0	8	4	0	0	0	18
Chhindwara ...	0830	2348	905·3	941·2	...	58·4	51·8	45·4	10·6	63	...	2·0	...	0·3	0	0	3	0	1	0	0	0	0	0	2	28
	1730	,,	903·6	938·0	...	78·5	59·7	43·2	9·8	30	...	2·5	...	2·5	0	0	26	1	3	1	4	6	4	3	4	5
Betul ...	0830	2144	905·3	944·5	...	63·8	55·6	48·5	11·8	59	...	2·8	...	2·3	0	0	24	0	1	14	7	2	0	0	0	7
	1730	,,	903·2	941·4	...	76·5	60·2	46·8	11·2	35	...	2·7	...	2·7	0	0	24	3	10	2	2	1	2	0	4	7
Nagpur ...	0530	1010	1016·7	980·5	...	57·5	54·0	50·6	12·7	78	...	1·1	...	1·4	0	0	16	7	1	0	0	0	0	0	8	15
	0830	,,	1018·9	983·1	+1·0	65·8	59·0	53·4	14·0	65	+ 9	2·2	+0·5	2·5	0	0	23	10	10	2	0	0	1	1	1	8
	1130	,,	1017·5	982·9	..	79·7	68·3	50·7	18·5	53	...	2·1	...	5·1	0	0	30	0	5	7	8	7	1	1	1	1
	1730	,,	1013·9	979·4	...	80·2	67·3	57·8	17·0	49	...	2·8	...	3·7	0	0	30	0	0	13	11	4	1	0	1	1
	2330	,,	1017·0	981·4	...	64·1	58·3	53·4	14·0	69	...	0·9	...	1·7	0	0	20	2	2	1	2	2	3	2	6	11

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Gujarat																										
Deesa ...	0830	444	1017·9	1001·9	+0·8	59·6	51·8	43·4	9·7	56	...	1·7	...	...	0	0	31	17	4	0	0	0	9	0	1	0
	1730	,,	1014·3	998·9	...	80·4	61·0	51·4	13·0	37	...	2·5	...	...	0	0	31	15	0	0	0	0	5	0	11	0
Surat ...	0530	39	1014·4	1013·0	...	63·8	56·5	49·6	12·3	61	...	1·3	...	3·9	0	0	26	9	8	2	3	0	0	0	4	5
	0830	,,	1016·5	1015·1	+0·8	67·7	58·9	51·9	13·0	58	0	1·5	+0·2	3·3	0	0	26	0	16	3	2	1	0	0	4	5
	1130	,,	1016·4	1015·1	...	85·8	65·9	50·8	12·8	31	...	1·3	...	4·6	0	0	29	5	10	7	2	0	0	3	2	2
	1730	,,	1013·0	1011·7	...	84·9	67·5	55·7	15·1	37	...	2·4	...	4·4	0	0	30	0	2	0	0	0	1	1	26	1
	2330	,,	1015·4	1014·1	...	70·8	60·2	51·3	13·1	51	...	1·5	...	3·7	0	0	28	14	8	0	1	0	0	0	5	3
Ahmedabad ...	0530	182	1015·2	1008·7	...	57·9	51·2	44·1	9·9	61	...	0·7	...	5·4	0	0	27	6	14	4	0	0	0	0	3	4
	0830	,,	1017·3	1010·8	+0·4	61·2	53·1	44·7	10·2	56	− 4	1·8	+0·8	6·3	0	0	28	5	14	4	0	0	0	0	5	3
	1130	,,	1017·4	1011·1	...	78·2	62·5	49·3	12·2	38	...	1·8	...	9·0	0	3	26	1	6	18	0	0	0	0	4	2
	1730	,,	1013·9	1007·7	...	83·0	63·8	48·1	11·6	30	...	2·1	...	6·1	0	0	29	6	7	4	0	0	0	1	11	2
	2330	,,	1016·3	1009·8	...	64·3	54·9	45·7	10·5	51	...	1·0	...	4·7	0	0	29	13	5	1	0	0	0	0	10	2
Dohad ...	0830	1093	1018·0	979·3	...	63·1	53·2	42·4	9·5	48	−17	2·1	+0·6	4·5	0	0	28	4	7	9	0	6	0	2	0	3
	1730	,,	1013·1	976·0	...	83·6	63·4	46·1	10·9	27	...	1·3	...	5·7	0	0	30	9	5	1	6	1	1	12	1	1
Baroda ...	0530	115	1015·0	1010·8	...	58·1	53·4	48·7	11·9	72	...	0·3	...	1·7	0	0	18	6	11	0	0	0	0	0	1	13
	0830	,,	1016·9	1012·7	...	59·0	54·0	49·0	12·0	71	+ 7	1·7	+0·7	1·8	0	0	20	6	12	2	0	0	0	0	0	11
	1130	,,	1016·9	1012·9	...	81·7	64·6	51·1	13·1	36	...	1·0	...	1·7	0	0	18	5	6	3	1	0	1	1	1	13
	1730	,,	1013·7	1009·7	...	84·3	66·9	54·2	14·6	36	...	2·0	...	1·9	0	0	24	6	3	0	0	0	0	1	14	7
	2330	,,	1015·8	1011·6	...	65·1	57·4	50·6	12·7	60	...	0·5	...	1·8	0	0	22	6	13	1	0	0	0	0	2	9
Baroda (Aerodrome) ...	0530	124	1014·9	1010·4	...	60·7	52·8	44·5	10·1	56	...	0·6	...	1·8	0	0	17	11	2	0	0	0	0	0	4	14
	0830	,,	1016·6	1012·4	...	63·3	54·3	45·4	10·3	53	...	1·7	...	3·0	0	0	27	19	2	0	3	0	0	0	3	4
	1730	,,	1013·4	1009·1	...	84·8	64·4	48·3	11·5	30	...	1·3	...	3·4	0	0	31	6	2	0	0	0	0	4	19	0
	2330	,,	1015·5	1011·1	...	68·5	56·7	45·1	10·4	44	...	0·3	...	1·9	0	0	24	21	0	0	0	0	0	0	3	7
Broach ...	0830	57	1016·0	1013·9	...	61·3	53·9	46·7	10·9	59	...	1·3	...	2·2	0	0	29	5	9	1	5	2	0	0	7	2
	1730	,,	1012·7	1010·7	...	89·2	66·1	47·8	11·5	24	...	1·6	...	4·6	0	0	31	6	5	0	0	0	2	3	15	0
Saurashtra and Kutch																										
Bhuj ...	0830	343	1018·6	1006·1	+1·2	57·5	49·1	38·5	8·1	50	+ 1	1·7	+0·6	0·3	0	0	4	2	2	0	0	0	0	0	0	27
	1730	,,	1015·6	1003·7	...	79·0	58·1	34·8	7·2	22	...	1·7	...	5·4	0	0	30	20	9	0	0	0	0	0	1	1
Bhuj (P.B.O.) ...	0530	347	1016·5	1004·0	...	59·9	48·8	36·6	6·8	43	...	1·3	...	0·4	0	0	4	1	2	0	1	0	0	0	0	27
	0830	,,	1018·0	1005·6	...	61·1	50·3	39·0	7·7	46	...	2·5	...	0·5	0	0	5	0	3	0	0	0	2	0	0	25
	1130	,,	1018·2	1006·0	...	74·7	55·2	36·1	6·1	26	...	2·5	...	4·5	0	0	30	8	18	2	0	0	0	0	2	1
	1730	,,	1015·2	1003·1	...	78·2	55·5	35·1	5·9	23	...	2·4	...	4·8	0	0	29	11	17	0	0	0	0	0	1	2
	2330	,,	1017·1	1004·7	...	65·0	51·0	36·3	6·5	36	...	1·4	...	1·2	0	0	12	2	8	0	1	0	1	0	0	19
Dwarka ...	0830	37	1017·8	1016·5	+1·1	65·4	58·0	51·3	13·1	62	− 2	1·6	+0·1	7·0	0	0	31	11	16	2	0	0	0	1	1	0
	1730	,,	1015·3	1014·0	...	76·4	61·5	47·2	11·9	40	...	1·5	...	10·1	0	3	28	12	5	1	0	0	0	0	13	0
Jamnagar ...	0530	74	1015·2	1002·5	...	58·0	50·8	43·2	9·4	59	...	1·1	...	4·3	0	0	30	2	9	6	3	4	2	2	2	1
	0830	,,	1016·9	1014·2	+0·1	59·3	51·0	41·5	9·1	53	− 8	2·1	+1·1	4·4	0	0	31	1	7	10	6	5	0	1	1	0
	1130	,,	1017·6	1015·0	...	74·1	58·6	44·5	9·9	35	...	2·0	...	6·7	0	1	30	5	20	3	0	0	0	1	2	0
	1730	,,	1014·2	1011·6	...	78·5	60·0	42·8 (a)	9·4	29	...	1·7	...	7·8	0	4	27	14	10	2	0	0	0	3	2	0
Rajkot ...	0830	433	1017·4	1001·8	+0·8	59·4	50·3	40·1	8·4	49	0	2·3	+0·9	2·6	0	0	21	5	8	5	0	0	1	0	2	10
	1730	,,	1013·7	998·9	...	83·3	61·3	39·7	8·6	22	...	2·2	...	9·3	0	3	28	13	11	2	0	0	0	1	4	0
Rajkot (Aerodrome) ...	0530	439	1015·9	1000·0	...	56·4	47·9	36·8	7·6	49	...	0·6	...	3·7	0	0	28	8	7	3	2	2	1	2	3	3
	0830	,,	1017·6	1001·9	...	60·2	49·5	35·8	7·3	41	...	1·9	...	4·1	0	0	29	6	12	4	2	2	1	1	1	2
	1130	,,	1017·0	1002·0	...	78·4	58·4	37·1	7·7	24	...	1·9	...	9·1	0	1	30	9	14	5	0	0	0	1	2	0
Veraval ...	0530	26	1014·5	1013·6	...	63·7	53·0	40·6	8·9	45	...	0·5	...	9·1	0	2	28	9	15	2	0	0	0	0	4	1
	0830	,,	1016·3	1015·4	+0·6	67·3	54·5	40·5	8·8	39	−10	1·8	+0·6	8·1	0	5	24	9	19	0	0	0	0	0	1	2
	1130	,,	1016·8	1015·9	...	82·0	65·7	53·1	14·2	39	...	1·5	...	7·4	0	5	26	2	5	2	1	6	4	6	5	0
	1730	,,	1013·7	1012·8	...	78·4	69·5	64·2	20·6	62	...	1·9	...	11·4	0	11	20	0	0	0	0	3	5	12	11	0
	2330	,,	1015·9	1015·0	...	66·9	57·6	48·6	12·0	54	...	0·7	...	6·4	0	0	31	16	9	2	0	0	0	0	4	0
Bhavnagar ...	0830	55	1017·6	1015·6	+1·2	59·3	50·6	40·4	8·7	50	+ 2	1·4	0	1·4	0	0	18	0	0	0	0	1	6	8	3	13
	1730	,,	1013·9	1002·0	...	85·2	67·2	54·3	14·7	36	...	1·9	...	2·8	0	0	30	0	13	15	0	0	0	1	1	1
Bhavnagar (Aerodrome) ...	0830	35	1017·1	1015·8	...	64·0	53·1	41·3	8·9	44	...	1·8	...	6·7	0	0	30	5	0	0	0	0	0	4	21	1
	1130	,,	1017·1	1015·9	...	77·2	62·3	49·9	12·4	39	...	0·2	...	8·0	0	1	30	10	13	5	0	0	0	1	2	0
Konkan																										
Dahanu ...	0830	15	1015·4	1014·9	...	70·2	65·0	61·5	18·8	75	...	2·7	...	6·0	0	0	30	2	2	14	12	0	0	0	0	1
	1730	,,	1012·9	1012·4	...	79·4	74·7	72·4	27·2	80	...	1·5	...	11·6	0	10	21	16	0	0	0	0	0	0	15	0
Bombay (Colaba) ...	0830	35	1015·6	1014·4	+0·8	74·5	68·8	65·3	21·5	73	+ 3	2·5	+1·1	5·3	0	0	30	5	9	14	2	0	0	0	0	1
	1130	,,	1015·7	1014·5	...	82·8	70·9	63·8	20·4	54	...	1·9	...	4·1	0	0	30	2	5	15	4	0	0	1	3	1
	1730	,,	1012·7	1011·5	...	80·1	72·5	68·5	23·9	68	...	2·3	...	8·5	0	1	30	2	0	0	0	0	0	6	23	0
Bombay (Santacruz Aerodrome) ...	0530	27	1013·5	1012·6	...	66·5	62·2	59·0	17·1	78	...	0·7	...	1·5	0	0	11	1	5	4	0	1	0	0	0	30
	0830	,,	1015·6	1014·7	+0·8	72·5	64·8	59·3	17·5	65	0	2·1	+0·7	2·3	0	0	13	0	7	4	1	1	0	0	0	18
	1130	,,	1015·8	1014·9	...	85·9	68·9	57·6	16·4	39	...	1·8	...	5·2	0	0	28	1	7	10	6	0	1	1	2	3
	1730	,,	1012·7	1011·8	...	82·5	70·5	63·4	20·1	53	...	2·0	...	9·7	0	2	29	5	1	0	0	0	0	4	21	0
	2330	,,	1015·0	1014·1	...	70·6	65·2	61·7	18·8	73	...	0·8	...	1·4	0	0	12	2	7	1	1	0	0	0	1	19
Alibag ...	0830	23	1015·5	1014·7	+0·8	72·1	67·1	64·0	20·4	76	+12	1·8	0	0·7	0	0	7	0	3	3	1	0	0	0	0	24

(a) Mean of 30 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Konkan—*contd.*																										
Harnai ...	0830	66	1015·1	1012·8	...	77·7	68·2	61·5	19·3	59	...	3·4	...	3·4	0	0	24	4	7	7	4	1	0	1	0	7
	1730	..	1012·3	1010·0	...	80·4	74·0	70·8	25·8	73	...	2·4	...	12·1	0	11	20	6	0	0	0	0	1	1	23	0
Ratnagiri ...	0830	116	1014·8	1010·7	+0·6	74·4	67·6	62·9	20·0	69	...	1·8	...	...	0	0	31	0	2	29	0	0	0	0	0	0
	1730	..	1011·9	1007·9	...	83·3	74·3	69·8	24·9	65	...	1·7	...	...	0	0	31	0	0	0	1	0	0	27	3	0
Devgad ...	0830	117	1014·9	1010·8	...	75·0	69·0	65·4	21·5	73	...	2·6	...	4·4	0	0	29	0	6	22	1	0	0	0	0	2
	1730	..	1011·7	1007·7	...	84·0	74·7	69·7	25·2	63	...	2·7	...	10·6	0	7	24	1	0	0	0	0	0	10	20	0
Vengurla ..	0,30	29	1013·3	1012·3	...	70·1	67·3	65·6	21·6	86	...	1·4	...	...	0	0	13	6	4	3	0	0	0	0	0	18
	0830	..	1015·6	1014·6	...	75·6	68·8	64·7	21·0	70	...	2·2	...	...	0	0	8	2	2	3	0	0	0	0	1	23
	1130	..	1015·3	1014·3	...	88·3	71·6	61·5	18·9	41	...	2·0	...	...	0	1	15	1	2	8	2	1	1	0	1	15
	1730	..	1012·1	1011·1	...	83·9	74·1	69·0	24·3	61	...	2·5	...	...	0	0	2	0	0	0	0	0	0	2	0	29
	2330	..	1014·4	1013·4	...	74·3	70·4	68·2	23·6	82	...	1·1	...	...	0	0	8	4	1	3	0	0	0	0	0	23
Marmagao ...	0830	202	1015·2	1008·2	+1·3	77·5	69·7	65·2	21·3	66	+ 4	2·5	+0·7	5·0	0	0	31	0	7	16	7	0	0	0	1	0
	1730	..	1011·5	1004·6	...	82·9	73·8	69·3	24·4	63	...	3·0	...	5·5	0	0	31	0	0	0	0	0	10	17	4	0
Honavar ...	0830	85	1015·0	1012·0	...	75·6	68·7	64·5	20·8	69	...	3·0	...	3·1	0	0	28	0	3	21	3	0	0	1	0	3
	1730	..	1011·4	1008·5	...	84·1	75·1	70·6	25·7	65	...	2·9	...	3·0	0	0	30	1	0	2	1	1	2	19	4	1
Deccan (Desh)																										
Jalgaon ...	0830	660	1017·8	994·3	...	55·3	55·7	45·5	10·8	50	...	2·0	...	5·3	0	0	28	0	0	14	12	1	0	1	0	3
	1730	..	1012·2	989·9	...	88·5	66·0	47·7	11·7	25	...	2·3	...	5·0	0	0	29	2	9	7	4	1	0	1	5	2
Malegaon ...	0830	1432	1017·7	967·9	+1·0	69·4	57·1	44·6	10·4	42	-15	1·0	−0·6	1·2	0	0	18	0	2	1	2	2	4	3	4	13
	1730	..	1011·9	963·9	...	85·6	54·3	45·9	10·9	36	...	2·0	...	1·5	0	0	22	1	8	2	2	3	3	1	2	9
Deolali ...	0830	1875	903·1	952·4	...	62·8	55·5	49·0	12·1	62	...	2·2	...	3·0	0	0	21	17	3	0	0	0	1	0	0	10
Ahmednagar ...	0830	2154	904·6	943·3	+0·9	68·2	57·9	49·4	12·2	52	− 3	2·5	+1·1	2·9	0	0	24	0	1	0	10	6	4	0	3	7
	1730	..	902·6	939·9	...	83·0	64·1	50·8	12·8	33	...	2·9	...	2·7	0	0	23	0	10	0	9	0	3	0	1	8
Poona ...	0530	1835	900·5	951·5	...	60·2	57·0	54·6	14·6	82	...	0·6	...	0·1	0	0	1	0	0	0	0	0	0	1	0	30
	0830	..	903·0	953·8	+0·9	62·9	58·0	54·6	14·5	75	+ 4	1·8	+0·4	0·1	0	0	1	0	0	1	0	0	0	0	0	30
	1130	..	904·4	953·5	...	80·5	64·5	53·8	14·3	40	...	1·6	...	2·3	0	0	20	0	1	17	2	0	0	0	0	11
	1730	..	901·3	949·9	...	83·9	66·3	54·7	14·9	38	...	2·9	...	1·2	0	0	12	0	1	6	1	0	1	2	1	19
	2330	..	902·1	952·4	...	67·5	60·9	56·4	15·3	63	...	0·7	...	0·1	0	0	1	0	0	0	0	0	1	0	0	30
Poona (Lohagaon Aerodrome) ...	0530	1947	901·2	947·7	...	63·0	56·1	50·2	12·6	64	...	1·0	...	1·8	0	0	13	2	1	6	1	0	0	3	0	18
	0830	..	903·7	949·9	...	67·1	57·8	50·1	12·6	56	...	2·3	...	2·3	0	0	16	2	1	10	1	0	0	0	2	15
	1130	..	904·8	949·8	...	80·4	62·8	50·8	12·4	36	...	2·4	...	6·6	0	4	23	0	1	8	13	5	0	0	0	4
	1730	..	901·7	946·2	...	84·7	63·7	47·9	11·7	28	...	2·7	...	6·0	0	3	24	2	1	8	6	2	2	5	1	4
	2330	..	902·7	948·6	...	69·9	59·6	51·5	13·2	53	...	0·7	...	2·0	0	0	17	3	0	3	1	0	0	8	2	14
Jeur ...	0830	1709	902·9	957·9	...	67·7	58·7	51·9	13·2	58	...	2·0	...	2·6	0	0	25	3	5	8	7	1	0	0	1	6
	1730	..	901·0	954·0	...	85·4	66·8	54·8	14·9	36	...	2·9	...	5·3	0	0	31	1	3	10	13	1	1	1	1	0
Sholapur ...	0530	1570	1015·6	960·9	...	65·2	58·0	52·3	13·5	63	...	1·3	...	0·8	0	0	6	0	1	0	5	0	0	0	0	25
	0830	..	1017·3	963·1	+1·3	70·9	61·8	55·1	15·1	58	+ 5	2·1	+0·5	2·5	0	0	21	0	1	3	17	0	0	0	0	10
	1130	..	1016·0	962·8	...	80·9	69·3	56·8	19·7	45	...	2·3	...	5·1	0	0	30	0	1	2	15	7	5	0	0	1
	1730	..	1011·7	959·1	...	84·4	66·6	55·0	15·0	37	...	2·7	...	3·0	0	0	28	0	9	2	15	2	0	0	0	3
	2330	..	1015·4	961·4	...	72·5	61·4	52·3	14·1	50	...	0·9	...	0·4	0	0	4	0	2	0	2	0	0	0	0	27
Miraj ...	0830	1817	903·1	954·1	+0·8	69·4	61·6	56·2	15·5	63	+ 3	2·3	+0·5	4·5	0	0	22	0	4	14	4	0	0	0	0	9
	1730	..	901·1	950·3	...	83·8	67·1	56·9	15·9	41	...	3·2	...	3·7	0	1	24	0	3	16	4	1	0	0	1	6
Kolhapur ...	0530	1870	900·8	950·0	...	63·9	58·8	54·7	14·8	74	...	1·2	...	2·5	0	0	20	0	2	10	2	1	1	3	1	11
	0830	..	903·2	952·2	...	66·9	60·2	55·0	15·1	67	...	2·3	...	3·7	0	1	19	0	5	14	1	0	0	0	0	11
	1130	..	904·2	952·0	...	79·8	66·0	57·5	16·2	47	...	2·8	...	10·6	0	10	18	0	2	20	5	1	0	0	0	3
	1730	..	901·1	948·4	...	83·7	65·6	53·3	14·2	36	...	3·5	...	7·9	0	2	28	1	10	13	2	0	1	2	1	1
Bijapur ...	0830	1950	903·8	949·6	+0·8	69·4	61·9	57·0	15·9	66	+ 5	2·5	+0·7	2·9	0	0	25	1	2	2	11	5	3	1	0	6
	1730	..	901·6	946·1	...	82·7	64·8	51·3	13·7	36	...	3·1	...	2·7	0	0	28	0	5	10	11	1	1	0	0	3
Belgaum ...	0830	2562	904·9	929·2	+1·2	64·1	59·4	56·0	15·4	75	+13	2·1	+0·3	0·6	0	0	6	0	2	4	0	0	0	0	0	25
	1730	..	902·8	926·2	...	81·0	65·4	54·6	15·1	41	...	2·8	...	1·4	0	0	17	2	4	4	0	6	1	0	0	14
Gadag ...	0830	2131	904·6	943·7	+1·3	71·2	66·0	62·9	19·8	76	+14	3·2	+1·4	7·1	0	0	31	0	6	22	3	0	0	0	0	0
	1730	..	902·0	940·3	...	80·3	68·3	60·7	18·7	54	...	3·9	...	5·7	0	0	31	0	12	18	0	0	0	1	0	0
Gadag (P.B.O.) ...	0530	2150	901·9	940·6	...	65·9	62·2	60·1	17·6	82	...	1·9	...	...	0	1	10	0	1	7	3	0	0	0	0	20
	0830	..	904·4	942·9	...	70·9	65·7	63·2	19·5	77	...	2·3	...	...	0	3	25	0	0	10	18	0	0	0	0	3
	1130	..	904·9	942·7	...	78·9	68·7	63·7	19·8	61	...	2·7	...	...	0	4	26	0	1	20	3	1	0	0	0	1
	1730	..	901·9	939·5	...	80·4	68·6	62·7	19·0	57	...	3·1	...	...	0	2	21	0	1	20	2	0	0	0	0	8
	2330	..	903·4	941·9	...	69·9	63·1	59·1	16·9	70	...	1·6	...	...	0	2	5	0	0	7	0	0	0	0	0	24
Hyderabad, North																										
Aurangabad ...	0830	1905	903·8	951·8	+0·4	64·8	56·8	50·2	12·6	60	+ 7	2·7	+1·0	2·3	0	0	22	0	7	13	2	0	0	0	0	9
	1730	..	902·5	948·6	...	84·6	66·9	55·6	15·4	38	...	3·5	...	4·8	0	0	29	0	2	9	5	2	5	6	0	2
Aurangabad (Chikalthana Aerodrome) ...	0530	1898	900·8	949·8	...	55·3	49·0	42·3	9·3	63	...	1·1	...	0·6	0	0	5	0	0	0	1	0	0	1	3	26
	0830	..	904·4	952·2	...	68·7	57·5	47·9	11·6	49	...	1·8	...	1·3	0	0	8	0	0	3	5	0	0	0	0	23
	1130	..	905·2	952·0	...	79·7	63·0	50·5	12·9	37	...	2·2	...	6·9	0	0	27	1	1	2	11	9	3	0	0	4
	1730	..	902·1	948·5	...	82·4	63·0	48·2	11·8	31	...	2·7	...	3·0	0	0	22	0	2	3	10	2	4	1	0	9
	2330	..	902·3	950·7	...	62·3	53·5	44·5	10·5	54	...	1·3	...	1·2	0	0	10	1	4	2	3	0	0	0	0	21
Parbhani ...	0830	1393	1018·0	969·5	...	68·7	59·7	52·0	13·4	56	...	1·8	...	...	0	1	18	0	4	8	7	0	0	0	0	12
	1730	..	1012·8	965·9	...	83·0	65·1	51·2	13·1	34	...	2·3	...	...	0	0	16	1	1	12	2	0	0	0	0	15
Ramagundam ...	0830	513	1018·2	1000·1	...	70·7	63·5	57·9	16·8	65	...	2·2	...	1·9	0	0	21	5	7	1	6	2	0	0	0	10
	1730	..	1013·6	996·1	...	83·2	66·2	55·3	14·3	39	...	2·8	...	1·9	0	0	17	3	5	1	0	7	1	0	0	14

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %		Cloud amount (Oktas)		Wind speed (m.p.h.)				No. of observations								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point			Departure from normal	Mean amount	Departure from normal	Mean wind speed (m.p.h.)	39 or more	13 to 38	1 to 12	Wind direction								
																		N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Hyderabad, North—*contd.*																										
Nizamabad ...	0830	1250	1017·1	974·0	+1·4	71·1	63·7	58·2	16·8	65	− 2	2·2	+0·6	0·5	0	0	5	0	2	0	2	1	0	0	0	26
	1730	,,	1012·5	970·2	...	82·4	66·9	55·8	15·5	41	...	2·5	...	0·8	0	0	12	4	3	2	1	1	1	0	0	19
Bidar ...	0830	2178	904·4	942·4	...	67·7	61·1	56·4	15·7	68	+ 6	2·6	+0·6	8·5	0	5	26	0	2	10	11	5	3	0	0	0
	1730	,,	902·5	939·3	...	78·2	63·1	52·0	13·6	42	...	2·8	...	8·0	0	2	29	2	13	12	3	1	0	0	0	0
Hyderabad, South																										
Gulbarga ...	0830	1503	1017·4	965·3	+1·0	69·9	62·0	56·2	15·7	63	+ 4	1·9	+0·5	5·7	0	1	30	0	11	18	2	0	0	0	0	0
	1730	,,	1011·9	961·4	...	83·6	64·8	52·0	13·3	34	...	2·8	...	6·4	0	0	30	1	6	17	6	0	0	0	0	1
Raichur ...	0830	1311	1017·0	971·7	+1·2	71·6	65·8	61·8	19·0	72	+ 7	2·5	+0·8	5·2	0	0	31	0	5	12	8	1	0	3	2	0
	1730	,,	1012·2	967·9	...	82·3	66·3	54·4	14 8	41	...	3·6	...	7·5	0	1	30	1	9	13	7	1	0	0	0	0
Hyderabad (Nizamiah) ...	0830	1778	903·8	956·3	+1·4	66·9	62·8	60·0	17·8	79	+ 8	3·2	+1·1	3·0	0	0	19	0	2	7	8	2	0	0	0	12
	1730	,,	902·1	953·2	...	78·9	65·8	57·5	16·3	49	...	2·7	...	7·3	0	0	31	0	2	14	14	1	0	0	0	0
Hyderabad (Begumpet) ...	0530	1787	901·3	954·0	...	61·5	59·1	57·4	16·1	87	...	2·2	...	3·7	0	0	20	0	6	10	4	0	0	0	0	11
	0830	,,	904·2	956·3	...	68·1	63·3	60·3	17·9	76	...	3·2	...	4·8	0	0	24	0	2	12	9	1	0	0	0	7
	1130	,,	904·7	955·8	...	77·4	65·6	58·2	16·7	52	...	2·9	...	10·2	0	8	23	0	1	18	10	2	0	0	0	0
	1730	,,	902·2	953·0	...	78·9	64·8	55·5	15·2	46	...	2·8	...	8·8	0	1	30	0	2	22	7	0	0	0	0	0
	2330	,,	902·8	955·0	...	66·5	61·1	57·5	16·2	73	...	1·5	...	3·9	0	0	25	0	5	16	3	1	0	0	0	6
Hanamkonda ...	0830	881	1018·2	987·4	+1·3	70·7	66·0	62·9	19·8	77	+ 7	2·3	+0·1	4·0	0	0	27	1	2	0	6	15	2	1	0	4
	1730	,,	1013·8	983·8	...	82·1	67·6	57·8	16·5	45	...	1·7	...	2·2	0	0	29	4	16	4	1	3	0	0	1	2
Khammameth ...	0830	367	1018·1	1005·2	...	71·8	66·8	63·3	20·2	75	...	2·5	...	1·4	0	0	17	2	2	10	3	0	0	0	0	14
	1730	,,	1013·7	1001·1	...	83·8	69·5	60·3	18·2	47	...	2·7	...	2·4	0	0	29	2	0	20	6	0	1	0	0	2
Coastal Andhradesa																										
Nellore ...	0530	65	1014·6	1012·3	...	70·7	69·9	69·4	24·3	96	...	3·4	...	3·1	0	0	26	3	4	1	0	1	0	7	10	5
	0830	,,	1017·0	1014·7	+1·5	74·6	72·1	70·7	25·7	88	+ 4	3·6	−0·4	2·4	0	0	22	5	2	1	0	0	0	1	13	9
	1130	,,	1016·2	1013·9	...	81·9	73·8	69·7	24·8	67	...	4·9	...	4·4	0	0	30	0	22	4	2	0	0	0	2	1
	1730	,,	1014·0	1011·7	...	78·3	72·6	69·6	24·8	75	...	4·4	...	4·3	0	0	28	1	13	13	1	0	0	0	0	3
	2330	,,	1015·7	1013·4	...	72·5	71·0	70·2	25·3	93	...	1·9	...	1·2	0	0	11	4	2	2	0	1	0	0	2	20
Ongole ...	0830	38	1017·2	1015·9	...	73·0	71·3	70·4	25·4	92	...	2·3	...	3·4	0	0	29	17	10	0	0	0	0	2	2	2
	1730	,,	1014·1	1012·8	...	78·6	74·7	72·9	27·6	83	...	2·2	...	4·4	0	0	30	0	6	18	6	0	0	0	0	1
Gannavaram ...	0530	88	1015·6	1012·5	...	68·9	66·2	64·5	20·8	86	...	1·7	...	3·9	0	0	23	3	17	3	0	0	0	0	0	8
	0830	,,	1017·9	1014·8	...	76·0	69·1	64·3	21·0	69	...	1·8	...	8·1	0	1	30	1	19	10	1	0	0	0	0	0
	1130	,,	1017·1	1014·1	...	82·1	70·9	64·3	20·8	56	...	3·4	...	9·4	0	4	27	0	10	20	1	0	0	0	0	0
	1730	,,	1014·3	1011·3	...	79·2	70·3	65·2	21·3	63	...	2·1	...	7·2	0	1	30	0	4	20	7	0	0	0	0	0
	2330	,,	1016·6	1013·5	...	70·9	67·9	66·0	21·9	85	...	1·2	...	4·2	0	0	26	5	12	8	1	0	0	0	0	5
Masulipatam ...	0530	10	1015·3	1014·9	...	70·3	68·8	67·9	23·3	92	...	2·1	...	5·5	0	0	29	15	13	1	0	0	0	0	0	2
	0830	,,	1017·5	1017·2	+1·2	75·0	70·7	68·2	23·7	80	+ 2	2·4	+0·4	7·0	0	1	30	4	21	6	0	0	0	0	0	0
	1130	,,	1017·0	1016·7	...	80·2	73·0	68·8	24·5	69	...	2·7	...	9·9	0	6	25	0	8	20	3	0	0	0	0	0
	1730	,,	1014·4	1014·1	...	78·6	72·4	69·3	24·3	74	...	2·2	...	7·2	0	1	30	0	1	14	12	4	0	0	0	0
	2330	,,	1016·2	1015·9	...	74·8	71·5	69·5	24·9	84	...	1·2	...	5·3	0	1	25	5	9	11	1	0	0	0	0	5
Kakinada ...	0830	26	1017·9	1017·0	+1·5	78·3	73·0	70·2	24·8	76	+ 4	1·5	−1·1	7·2	0	0	31	0	31	0	0	0	0	0	0	0
	1730	,,	1014·7	1013·8	...	78·2	73·6	71·3	26·2	80	...	1·7	...	7·3	0	0	31	0	15	3	13	0	0	0	0	0
Visakhapatnam ...	0530	11	1015·8	1015·4	...	67·5	65·0	63·3	19·9	87	...	2·2	...	0·5	0	0	3	0	1	0	1	0	0	0	1	28
	0830	,,	1018·2	1017·8	+1·7	76·1	69·4	64·9	21·8	70	+ 3	2·0	−0·7	3·1	0	0	17	4	5	2	2	0	0	0	4	14
	1130	,,	1017·1	1016·7	...	82·5	71·6	65·3	21·5	57	...	3·0	...	8·5	0	5	25	0	7	13	9	0	0	0	1	1
	1730	,,	1014·8	1014·4	...	77·6	70·7	66·8	22·9	70	...	1·8	...	9·1	0	2	29	0	2	16	13	0	0	0	0	0
	2330	,,	1016·7	1016·3	...	71·0	67·7	65·5	21·6	84	...	1·8	...	1·4	0	0	9	3	1	1	0	0	0	0	4	22
Calingapatam ...	0830	19	1017·9	1017·2	+1·0	67·7	64·3	62·0	19·0	82	+ 4	2·9	+1·0	4·0	0	0	31	0	0	0	0	0	0	15	16	0
	1730	,,	1014·9	1014·2	...	77·5	69·7	65·2	21·3	66	...	2·5	...	10·7	0	2	29	0	11	15	5	0	0	0	0	0
Rentachintala ...	0830	348	1017·2	1004·9	...	70·3	67·3	65·2	21·6	85	+14	3·6	+0·4	0·3	0	0	4	2	0	2	0	0	0	0	0	27
	1730	,,	1013·4	1001·4	...	83·4	69·9	61·4	19·5	49	...	3·7	...	1·9	0	0	19	3	0	13	1	2	0	0	0	12
Rayalaseema																										
Arogyavaram ...	0830	2299	905·1	938·4	...	67·7	65·0	63·4	19·9	86	...	4·1	...	1·5	0	0	18	2	4	4	5	2	1	0	0	13
	1730	,,	902·6	935·5	...	73·9	66·4	62·1	18·7	64	...	5·0	...	3·0	0	0	31	2	14	12	2	0	0	1	0	0
Cuddapah ...	0830	428	1017·1	1002·2	+1·4	76·7	70·3	66·7	22·4	72	− 4	3·1	+0·2	0·6	0	0	9	0	0	9	0	0	0	0	0	22
	1730	,,	1013·0	998·3	...	80·7	71·4	66·1	22·0	62	...	4·5	...	1·9	0	0	23	0	0	23	0	0	0	0	0	8
Bellary ...	0830	1473	1016·7	965·9	+1·2	71·6	66·4	63·3	19·8	77	+10	3·3	+0·7	2·6	0	0	27	1	0	1	21	4	0	0	0	4
	1730	,,	1011·4	961·8	...	81·8	67·1	57·9	16·1	47	...	4·1	...	2·6	0	0	26	0	1	2	23	0	0	0	0	5
Kurnool ...	0830	923	1017·3	985·2	+1·4	70·6	66·2	63·6	20·0	78	+ 7	2·4	+0·6	1·8	0	0	15	0	6	8	1	0	0	0	0	16
	1730	,,	1012·3	981·0	...	83·9	68·5	58·1	16·8	44	...	3·2	...	6·3	0	0	28	0	9	18	0	1	0	0	0	3
Anantapur ...	0530	1147	1014·5	974·5	...	68·3	65·7	64·1	20·4	87	...	2·6	...	2·0	0	0	15	0	2	13	0	0	0	0	0	16
	0830	,,	1016·6	976·8	...	71·7	67·3	64·1	20·9	78	...	3·3	...	3·5	0	0	20	0	2	14	3	0	1	0	0	11
	1130	,,	1015·6	976·3	...	78·3	68·4	65·5	19·2	60	...	3·6	...	6·5	0	1	28	0	2	25	2	0	0	0	0	2
	1730	,,	1011·6	972·8	...	81·9	68·2	58·7	17·3	46	...	3·8	...	6·5	0	0	30	0	7	20	3	0	0	0	0	1
	2330	,,	1015·1	975·4	...	73·2	67·1	63·1	19·9	72	...	1·9	...	6·4	0	0	26	0	4	22	0	0	0	0	0	5
Tamilnad																										
Palayamcottai ...	0830	167	1015·5	1009·6	...	78·3	73·9	70·8	26·6	78	...	3·3	...	5·9	0	0	31	18	3	1	0	1	1	2	5	0
	1730	,,	1011·3	1005·5	...	82·9	73·5	68·4	23·9	62	...	5·2	...	5·5	0	0	30	1	6	17	1	1	1	3	0	1
Pamban ...	0830	37	1015·1	1013·8	+1·7	79·0	75·1	73·2	28·0	83	− 2	4·0	+0·2	5·4	0	1	30	14	6	1	4	3	1	0	2	0
	1730	,,	1012·4	1011·1	...	80·1	75·9	74·2	28·6	83	...	5·7	...	8·5	0	1	30	9	17	0	0	4	0	0	1	0
Mathurai ...	0830	437	1015·4	1000·3	+1·3	77·8	73·7	71·7	26·6	82	+ 5	3·7	−0·5	2·7	0	0	27	16	6	1	0	0	0	0	4	4
	1730	,,	1011·6	996·6	...	82·0	74·5	71·2	25·8	71	...	4·3	...	2·5	0	0	27	5	15	4	0	1	0	1	1	4

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	mean wind speed (m.p.h.)	Wind speed, (m.p.h.): 39 or more	13 to 38	1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tamilnad —contd.																										
Nagapattinam ...	0830	31	1015·7	1014·7	+1·9	77·9	73·5	71·3	26·2	80	− 1	4·5	−0·5	6·6	0	4	25	8	9	1	1	1	0	0	9	2
	1730	,,	1012·6	1011·5	...	80·0	74·3	71·8	26·4	76	...	4·1	...	11·2	0	10	21	3	22	5	1	0	0	0	0	0
Tiruchirapalli ...	0530	289	1013·8	1003·7	...	72·4	70·1	68·5	24·1	88	..	3·9	...	2·8	0	1	15	3	11	1	0	0	0	0	1	15
	0830	,,	1015·8	1005·7	+1·1	75·9	71·4	69·1	24·3	80	0	4·2	+0·4	7·0	0	1	28	6	20	1	0	0	0	0	2	2
	1130	,,	1015·1	1005·1	...	81·3	72·9	68·5	23·6	66	...	5·3	...	9·6	0	3	28	1	22	4	2	0	0	0	2	0
	1730	,,	1012·1	1002·1	...	81·6	73·2	69·0	23·9	69	...	5·0	...	9·7	0	3	28	0	19	9	1	1	0	0	1	0
*	2330	,,	1014·9	1004·8	...	74·1	71·3	69·6	24·9	87	...	2·2	...	6·6	0	1	26	1	20	3	1	1	0	0	1	4
Coimbatore ...	0830	1341	1016·5	970·2	+1·8	72·5	67·9	65·0	21·3	77	− 2	4·3	+0·5	7·2	0	0	31	0	15	16	0	0	0	0	0	0
	1730	,,	1011·5	966·3	...	81·8	68·9	62·2	18·2	50	...	4·0	...	7·2	0	0	31	0	15	16	0	0	0	0	0	0
Coimbatore (Peelamedu Aerodrome) ...	0530	1307	1014·0	968·7	...	68·2	66·2	64·7	20·1	89	...	3·6	...	4·3	0	4	18	2	9	6	0	0	0	2	3	9
	0830	,,	1015·9	970·8	...	72·4	68·1	65·6	21·5	79	...	3·7	...	7·3	0	3	27	4	18	7	0	1	0	0	0	1
	1130	,,	1014·5	970·2	...	79·4	68·8	62·0	19·3	57	...	3·9	...	12·4	0	11	20	1	17	12	0	0	1	0	0	0
	1730	,,	1010·9	966·9	...	81·4	68·7	60·1	18·2	51	...	3·1	...	10·0	0	4	27	0	11	17	1	0	1	1	0	0
	2330	,,	1014·5	969·6	...	72·9	67·5	64·5	20·5	75	...	2·9	...	6·2	0	1	25	2	7	14	2	0	1	0	0	5
Salem ...	0530	913	1013·4	981·6	...	69·9	67·0	65·3	21·3	85	...	2·2	...	3·0	0	0	19	0	19	0	0	0	0	0	0	12
	0830	,,	1015·9	984·3	+1·2	73·7	68·3	65·0	21·2	75	0	2·8	−0·3	4·1	0	0	28	0	27	0	0	0	1	0	0	3
	1130	,,	1014·8	983·6	...	81·4	70·8	64·5	21·0	58	...	3·1	...	4·5	0	0	30	3	23	1	0	0	0	2	1	1
	1730	,,	1011·4	980·5	...	81·5	70·6	64·0	20·6	57	...	3·2	...	3·2	0	0	25	2	6	12	2	0	0	2	1	6
	2330	,,	1014·7	983·2	...	74·3	68·8	65·3	21·5	75	...	2·3	...	6·0	0	0	29	0	24	3	0	0	0	2	0	2
Kallakurichi ...	0830	416	1019·4	1006·2	...	74·8	70·3	67·6	23·4	80	...	3·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	1730	,,	1012·4	998·0	...	79·6	70·9	65·7	21·7	64	...	4·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddalore ...	0530	39	1013·6	1012·1	...	73·0	70·9	69·7	24·9	90	...	3·0	...	2·2	0	2	9	2	5	2	1	0	0	0	1	20
	0830	,,	1016·0	1014·6	+1·4	75·9	72·4	70·7	25·6	84	+ 1	3·8	−0·4	3·2	0	1	22	3	9	2	3	0	0	6	8
	1130	,,	1015·7	1014·2	...	81·1	74·1	70·4	25·6	71	...	4·1	...	6·6	0	1	30	6	17	4	4	0	0	0	0	0
	1730	,,	1012·9	1011·5	...	79·6	73·1	69·8	24·9	72	...	4·1	...	3·9	0	0	31	4	20	3	4	0	0	0	0	0
	2330	,,	1015·3	1013·8	...	76·1	72·2	70·2	25·2	82	...	3·1	...	3·0	0	0	21	3	11	5	2	0	0	0	0	10
Vellore ...	0530	703	1014·3	989·6	...	68·5	67·7	66·7	22·8	95	...	4·1	...	1·3	0	1	10	3	2	3	0	1	0	1	1	20
	0830	,,	1016·8	992·2	+1·7	72·5	69·5	68·1	23·3	87	+ 2	4·1	+0·8	0·8	0	0	9	1	3	3	0	0	0	1	1	22
	1130	,,	1015·3	991·1	...	78·5	71·0	66·8	22·6	68	...	5·4	...	5·5	0	0	30	5	15	7	2	0	0	0	1	1
	1730	,,	1012·9	988·7	...	78·6	70·2	65·2	21·4	66	...	3·6	...	5·5	0	0	31	0	19	8	2	2	0	0	0	0
	2330	,,	1015·5	990·9	...	71·9	69·2	67·3	23·1	87	..	3·6	...	1·9	0	0	18	3	12	1	2	0	0	0	0	13
Madras ...	0530	51	1014·1	1012·4	...	72·6	71·5	71·1	25·9	95	...	3·5	...	3·6	0	0	27	7	2	1	0	0	0	5	12	4
	0830	,,	1016·5	1014·7	+1·5	76·4	73·4	71·9	26·5	86	+ 2	3·8	−0·2	5·5	0	1	30	12	4	1	2	1	0	0	11	0
	1130	,,	1015·7	1013·9	...	81·2	73·8	70·4	25·7	69	...	5·3	...	10·1	0	6	25	5	18	5	2	0	0	1	0	0
	1730	,,	1013·6	1011·8	...	78·7	72·8	69·6	24·8	74	...	3·8	...	8·2	0	1	30	3	21	4	2	1	0	0	0	0
	2330	,,	1015·4	1013·6	...	74·9	72·1	71·0	25·6	87	...	2·6	...	4·0	0	0	27	8	7	1	1	0	0	1	9	4
Madras (Nungambakkam) ...	0830	21	1016·0	1015·3	...	77·7	73·3	71·1	26·0	80	...	4·5	...	4·3	0	0	30	7	7	3	2	0	1	0	10	1
Malabar and South Kanara																										
Mangalore ...	0530	72	1012·5	1010·0	...	73·7	70·4	68·6	23·7	85	...	2·3	...	4·2	0	0	30	0	0	30	0	0	0	0	0	1
	0830	,,	1014·6	1012·1	+1·2	76·9	70·4	66·7	22·4	71	+ 4	2·8	+0·4	4·8	0	0	30	0	1	27	2	0	0	0	0	1
	1130	,,	1014·3	1011·8	...	85·2	71·9	63·9	20·7	51	...	2·3	...	5·2	0	0	31	1	0	19	2	0	4	2	3	0
	1730	,,	1011·2	1008·7	...	83·0	74·2	69·6	24·9	65	...	2·8	...	4·5	0	0	31	1	0	0	0	2	7	12	9	0
	2330	,,	1013·7	1011·2	...	77·2	73·0	70·9	25·8	81	...	2·2	...	2·1	0	0	22	0	4	13	4	1	0	0	0	9
Kozhikode ...	0530	27	1011·8	1010·9	...	74·2	71·8	70·4	25·5	88	...	2·6	...	2·1	0	0	22	0	3	16	1	0	0	0	2	9
	0830	,,	1014·6	1013·7	+1·6	78·3	72·9	70·4	25·2	77	0	2·7	0	3·9	0	0	31	0	13	15	2	0	0	0	1	0
	1130	,,	1014·0	1013·1	...	85·7	75·4	70·1	25·4	61	...	2·8	...	3·9	0	0	30	0	2	1	2	4	12	7	2	1
	1730	,,	1010·5	1009·6	...	84·4	75·9	72·0	26·7	66	...	3·0	...	5·4	0	0	31	1	0	0	1	1	6	12	10	0
	2330	,,	1013·3	1012·4	...	77·5	73·7	71·9	26·7	83	...	2·1	...	2·3	0	0	23	1	8	5	0	0	1	1	7	8
Palghat ...	0830	319	1015·1	1004·0	...	77·8	71·4	68·0	23·3	72	...	2·0	...	7·2	0	0	28	0	0	28	0	0	0	0	0	3
	1730	,,	1010·6	999·9	...	85·9	73·1	65·9	22·0	54	...	2·6	...	6·0	0	0	30	0	0	23	2	0	1	3	1	1
Mysore																										
Chitaldrug ...	0830	2405	904·8	934·3	+1·3	68·5	64·3	61·4	18·9	80	+12	3·9	+1·2	3·7	0	0	27	0	1	23	3	0	0	0	0	4
	1730	,,	902·1	930·9	...	78·1	64·7	54·6	15·4	48	...	3·7	...	3·3	0	0	26	0	3	23	0	0	0	0	0	5
Shimoga ...	0830	1872	902·8	951·7	...	68·9	63·5	62·0	17·8	79	...	3·5	...	1·5	0	1	12	0	5	5	1	0	2	0	0	18
	1730	,,	900·6	947·9	...	80·8	67·5	59·4	17·7	52	...	3·7	...	3·3	0	1	20	0	3	16	2	0	0	0	0	10
Hassan ...	0830	3149	905·4	909·4	...	65·9	62·3	60·4	17·2	83	+ 8	4·0	+0·8	4·8	0	0	28	0	1	17	9	0	0	1	0	3
	1730	,,	902·4	906·6	...	75·4	63·8	56·4	15·0	53	...	3·5	...	4·8	0	0	29	1	1	21	6	0	0	0	0	2
Bangalore (Central Observatory) ...	0830	3021	905·6	914·3	+1·4	65·2	62·2	60·4	17·9	84	+ 6	3·6	+0·1	6·8	0	0	31	0	6	21	4	0	0	0	0	0
	1130	,,	905·5	914·0	...	73·2	63·2	56·4	15·7	53	...	3·5	...	7·9	0	3	28	0	6	17	8	0	0	0	0	0
	1730	,,	902·8	911·3	...	72·9	62·7	55·5	15·3	57	...	3·6	...	6·5	0	0	30	0	4	19	6	1	0	0	0	1
Bangalore (Aerodrome) ...	0530	2942	903·6	914·9	...	62·8	61·7	61·2	18·4	94	...	4·2	...	...	...	...	...	0	0	8	4	0	0	0	0	19
	0830	,,	905·7	917·0	...	65·7	62·7	60·8	18·2	85	...	4·1	...	...	...	...	...	0	2	14	8	0	0	0	0	7
	1130	,,	905·5	916·7	...	74·0	63·8	56·4	16·1	57	...	3·1	...	...	...	...	...	1	0	16	12	0	0	0	0	2
	1730	,,	903·0	914·1	...	74·3	64·1	57·3	16·1	57	...	3·6	...	...	...	...	...	0	2	13	11	0	0	0	0	5
	2330	,,	905·0	916·3	...	65·4	63·2	61·9	19·3	88	...	2·7	...	...	...	...	...	0	1	8	9	0	0	0	0	13

Division and station	Hour of observation I. S. T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Mysore —contd.																										
Mysore ...	0830	2518	904·8	930·4	+1·2	67·4	64·5	62·6	19·5	85	+11	3·9	+0·5	8·7	0	2	29	2	11	15	1	0	1	1	0	0
	1730	,,	902·3	927·3	...	78·3	65·4	53·6	16·1	50	...	3·5	...	9·3	0	3	27	0	8	18	2	1	0	0	1	1
Balehonnur ...	0830	2917	...	...	...	66·2	63·2	61·4	19·2	84	+ 8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Travancore — Cochin																										
Fort Cochin ...	0830	10	1014·5	1014·2	+1·5	80·2	72·8	68·5	24·2	69	− 4	4·5	+1·9	4·5	0	0	31	0	10	15	6	0	0	0	0	0
	1730	,,	1010·6	1010·3	...	82·7	74·5	70·4	25·4	67	...	4·4	...	7·2	0	2	29	0	0	0	0	0	9	15	7	0
Cochin(Willingdon Island Aerodrome) ...	0530	6	1012·4	1012·2	...	73·3	71·3	70·1	25·3	90	...	3·1	...	2·8	0	1	15	1	8	6	1	0	0	0	0	15
	0830	,,	1014·4	1014·2	...	77·7	72·4	70·0	24·8	77	...	2·9	...	4·7	0	0	31	2	12	13	4	0	0	0	0	0
	1130	,,	1013·9	1013·7	...	84·7	74·8	70·3	24·9	62	...	3·0	...	6·5	0	1	29	1	5	6	5	3	3	3	4	1
	1730	,,	1010·8	1010·6	...	83·5	75·7	71·9	26·8	69	...	3·0	...	5·8	0	0	31	1	0	0	0	1	6	21	2	0
	2330	,,	1013·5	1013·3	...	77·2	74·5	73·2	27·7	88	...	2·5	...	2·3	0	0	17	1	5	5	1	0	2	2	1	14
Alleppey ...	0830	12	1014·3	1013·9	...	81·4	75·6	72·9	27·6	77	...	3·7	...	6·7	0	0	31	0	3	16	11	0	0	0	1	0
	1730	,,	1010·8	1010·4	...	83·7	76·0	72·2	27·2	69	...	3·9	...	10·3	0	1	30	0	0	0	1	0	2	13	15	0
Trivandrum ...	0530	211	1011·9	1004·7	...	73·2	71·1	69·9	25·1	90	...	1·2	...	3·0	0	0	30	4	16	5	1	0	0	0	4	1
	0830	,,	1014·2	1006·9	+1·6	77·0	72·8	70·6	25·6	81	+ 1	2·6	−1·0	2·8	0	0	30	1	19	0	7	0	1	0	2	1
	1130	,,	1013·5	1006·3	...	84·4	74·3	69·0	24·4	61	...	3·4	...	4·7	0	0	31	2	4	0	7	0	14	3	3	0
	1730	,,	1011·0	1003·7	...	82·1	75·1	71·0	26·1	68	...	3·1	...	4·3	0	0	30	0	0	0	1	1	23	1	4	1
	2330	,,	1013·5	1006·2	...	76·8	73·5	71·8	26·7	85	...	2·0	...	3·0	0	0	30	8	8	3	2	0	1	0	8	1
Hill stations Excluding Kashmir																										
Aijal ...	0830	3599	903·8	894·1	...	59·7	53·1	45·9	11·2	65	...	1·0	...	1·9	0	0	20	0	1	9	3	0	6	1	0	11
	1730	,,	902·1	892·1	...	58·6	55·2	52·3	14·0	81	...	1·0	...	1·7	0	0	17	2	1	0	0	0	0	6	8	14
Shillong ...	0830	4921	903·2	854·4	+1·4	54·4	48·5	42·1	8·9	64	− 5	0·6	−0·8	0·1	0	0	1	0	0	0	1	0	0	0	0	30
	1730	,,	903·8	852·0	...	53·2	51·2	49·2	12·0	87	...	5·8	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Cherrapunji ...	0830	4309	905·6	873·0	+1·0	57·3	50·9	44·7	9·7	64	+ 4	2·1	+0·3	1·9	0	0	26	0	10	6	4	1	5	0	0	5
	1730	,,	903·4	970·8	...	54·6	52·2	51·0	12·2	84	...	6·4	...	1·3	0	0	21	3	4	1	1	2	5	3	2	10
Darjiling ...	0830	7432	804·3	779·2	+1·0	45·5	42·4	38·9	8·2	79	+13	4·1	+1·5	4·8	0	0	31	0	4	20	2	0	0	5	0	0
	1730	,,	802·3	777·1	...	42·0	41·2	40·3	8·4	93	...	5·3	...	5·2	0	0	31	0	0	5	1	0	2	23	0	0
Darjiling (Raj Bhawan) ...	0830	6980	807·1	795·0	...	48·1	42·5	39·9	7·3	83	...	4·2	...	0·8	0	0	13	1	2	0	2	2	3	2	1	18
	1730	,,	804·3	792·7	...	46·1	44·3	42·3	9·1	86	...	6·3	...	0·8	0	0	12	0	0	0	0	0	7	5	0	19
Kalimpong ...	0830	3965	903·6	881·7	−2·1	52·5	50·5	48·5	11·7	87	+14	1·7	−0·5	1·4	0	0	18	0	0	0	0	0	0	0	18	13
	1730	,,	900·0	878·4	...	55·9	53·3	50·8	13·0	84	...	4·1	...	1·6	0	0	19	0	0	0	17	0	0	0	2	12
Katmandu ...	0830	4368	909·1	872·9	...	43·6	42·1	40·5	8·4	89	+ 3	4·8	−1·3	0·2	0	0	3	1	0	1	0	0	1	0	0	28
	1730	,,	905·2	869·9	...	54·8	49·2	43·5	9·8	66	...	2·4	...	0·6	0	0	9	1	0	2	4	1	0	0	1	22
Mukteswar (Kumaon) ...	0830	7592	805·3	775·7	+1·8	45·7	34·9	15·2	3·2	32	− 7	2·3	0	5·1	0	2	23	1	3	4	5	1	1	4	6	6
	1730	,,	804·0	774·4	...	46·0	37·7	24·8	4·8	48	...	2·3	...	5·6	0	1	28	0	3	4	0	2	4	11	5	2
Lokpal ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
Mussooree ...	0830	6699	803·6	796·9	...	47·1	38·4	24·8	4·7	43	− 2	2·7	0	1·4	0	0	14	3	4	0	4	1	1	0	1	17
	1730	,,	802·5	795·6	...	46·9	40·9	34·3	6·6	62	...	0·5	...	1·4	0	0	16	1	1	2	6	3	3	0	0	15
Simla ...	0830	7224	803·6	784·4	...	47·1	35·2	10·1	3·7	30	0	2·8	0	1·0 (a)	0	0	14	2	1	0	3	6	2	0	0	17
	1730	,,	802·4	783·3	...	45·9	38·4	27·9	5·3	52	...	3·4	...	1·5	0	0	18	3	3	0	3	6	3	0	0	12
Dalhousie ...	0830	...	...	...	...	46·7	42·4	37·5	7·7	72	...	1·8	...	1·3	0	0	8	0	5	0	2	0	0	0	0	23
	1730	...	...	...	...	45·6	42·6	39·9	8·5	52	...	1·8	...	0·5	0	0	5	0	4	0	1	0	0	0	0	26
Dharamshala ...	0830	3975	911·1	888·6	...	52·3	43·2	33·0	5·9	49	...	2·9	...	0·2	0	0	7	1	0	6	0	0	0	0	0	24
	1730	,,	910·8	887·0	...	56·3	47·1	38·0	7·4	52	...	3·3	...	0·5	0	0	14	3	0	2	0	0	0	6	3	17
Pachmarhi ...	0830	3528	907·4	899·6	+1·2	57·6	52·6	47·9	11·5	71	+ 9	2·5	+0·8	0·9	0	0	13	0	0	1	0	9	1	0	2	18
	1730	,,	905·1	897·4	...	71·0	59·1	48·6	12·3	47	...	3·0	...	1·9	0	0	27	8	7	2	1	2	2	1	4	4
Abu ...	0830	3921	906·2	885·7	+0·9	57·3	46·6	32·5	6·5	42	− 2	2·1	+0·7	0·8	0	0	8	0	1	1	0	0	3	1	2	23
	1730	,,	904·4	884·3	...	63·9	51·0	37·0	7·6	38	...	2·6	...	1·4	0	0	16	6	4	0	0	1	1	1	3	15
Mahabaleshwar ...	0830	4534	906·1	866·9	+1·5	62·8	56·6	51·6	13·2	67	+12	2·5	+1·1	5·9	0	2	25	0	1	13	12	1	0	0	0	4
	1730	,,	903·4	864·8	...	69·6	60·4	53·6	14·2	58	...	2·4	...	4·1	0	0	30	7	1	7	1	4	1	6	3	1
Nandi Hills * ...	0830	4851	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mercara ...	0830	3781	905·3	889·5	+2·0	62·5	60·2	58·7	16·9	88	+ 5	4·0	+0·7	5·2	0	0	29	0	13	14	0	0	0	1	1	2
	1730	,,	902·1	886·7	...	71·8	63·0	56·3	16·1	60	...	2·9	...	2·3	0	0	29	0	13	13	0	0	0	1	2	2
Kodaikanal ...	0830	7688	805·4	773·8	+2·0	53·5	49·3	44·7	10·4	77	+13	3·8	+0·3	9·7	0	5	26	0	6	6	14	2	1	1	1	0
	1130	,,	805·2	773·8	...	57·8	51·9	46·5	10·8	70	...	3·9	...	9·9	0	8	23	0	8	5	13	2	0	0	3	0
	1730		803·6	772·1	...	54·2	52·2	50·5	12·5	89	...	5·3	...	5·4	0	1	29	3	6	4	11	2	0	2	2	1
Ootacamund ...	0830	7378	804·8	781·7	+1·2	51·6	47·4	42·7	9·6	76	+ 8	2·5	−0·5	3·0	0	1	18	2	9	2	0	6	0	0	0	12
	1730	,,	803·0	780·2	...	58·3	54·8	52·0	13·4	81	...	3·7	...	1·8	0	0	21	2	12	1	1	3	0	1	1	10
Coonoor ...	0830	...	...	...	...	58·9	54·4	50·4	12·9	77	+ 3	4·2	0	2·1	0	0	23	1	0	3	9	6	0	2	2	8
Sikkim																										
Lachen ...	0830	...	...	...	...	41·8	39·4	36·3	7·2	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) Mean of 30 days. * Data not reliable.

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Tibet																										
Yatung (Chumbi)	0830	...	...	...	...	41·7	40·3	38·7	8·0	91	+ 8	0	−1·5	...	...	...	...	...	...	...	...	...	...	...	...	...
Lhasa ...	0830	12,090	627·9	654·7	...	30·0	29·5	28·9	5·4	97	...	0	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Gyantse ...	0830	13,110	625·4	626·1	...	28·1	22·6	12·6	2·5	48	−10	0·3	−0·7	0·1	0	0	2	0	0	0	2	0	0	0	0	29
Ceylon																										
Colombo ...	0830	24	1014·4	1013·5	+1·8	77·4	73·6	71·7	26·6	83	− 3	3·6	−0·8	5·2	0	0	29	2	19	4	3	1	0	0	0	2
	1730	,,	1010·9	1010·1	...	81·3	75·5	72·4	27·5	75	...	5·0	...	7·3	0	2	28	7	6	1	0	1	2	6	7	1
Trincomalee ...	0830	24	1014·8	1014·0	+2·7	78·7	74·2	71·6	26·8	80	− 5	4·9	+0·1	7·3	0	8	14	7	9	1	1	2	1	0	1	9
	1730	,,	1011·9	1011·1	...	79·2	74·2	71·7	23·6	78	...	5·1	...	9·9	0	12	15	14	8	3	1	1	0	0	0	4
Batticoloa ...	0830	20	1014·5	1014·2	...	77·0	75·0	73·7	23·7	91	...	4·5	...	6·7	0	3	27	2	5	3	0	0	1	12	7	1
	1730	,,	1011·6	1011·3	...	79·1	75·6	73·6	23·7	84	...	4·5	...	9·9	0	9	21	6	15	4	2	1	0	1	1	1
Hambantota ...	0830	61	1014·1	1012·4	+2·6	79·0	74·7	72·2	23·4	81	− 6	2·3	−1·4	10·5	0	12	17	9	17	0	0	0	1	0	2	2
	1730	,,	1011·0	1009·2	...	81·5	76·5	73·6	23·9	78	...	3·3	...	18·4	0	24	7	0	10	13	3	1	4	0	0	0
								(a)		(a)																
Mannar ...	0830	12	1015·0	1014·6	...	78·4	75·1	73·4	23·3	85	...	3·5	...	7·2	0	0	30	8	15	1	0	5	0	0	1	1
	1730	,,	1011·8	1011·4	...	80·9	76·1	73·0	23·6	79	...	4·6	...	9·0	0	4	27	11	15	1	0	1	3	0	0	0
HYDROMETEOROLOGICAL OBSERVATORIES																										
Damodar Catchment																										
Bokaro ...	0530	784	1018·5	989·7	...	47·5	46·2	45·0	10·1	91	...	1·1	...	1·4	0	0	20	0	0	0	0	0	0	0	20	11
	0830	,,	1020·2	991·9	...	55·2	51·2	46·8	11·1	74	...	1·3	...	1·5	0	0	22	1	0	0	0	1	2	3	15	9
	1130	,,	1018·0	990·7	...	74·5	59·4	45·6	10·5	35	...	1·5	...	1·7	0	0	23	0	0	2	5	3	4	2	7	8
	1730	,,	1015·5	988·0	...	70·2	59·1	49·6	12·1	48	...	1·7	...	1·5	0	0	19	5	2	2	0	0	0	0	10	12
	2330	,,	1018·6	990·1	...	53·7	51·3	48·9	11·9	84	...	0·4	...	2·3	0	0	31	3	0	0	0	0	0	0	28	0
Hazaribagh ...	0530	2019	901·7	946·6	...	49·9	46·6	43·0	9·6	78	...	0·7	...	1·4	0	1	9	0	0	1	1	0	1	4	3	21
	0830	,,	904·7	945·4	...	62·7	53·1	43·9	9·9	51	...	1·0	...	2·5	0	0	26	3	0	1	2	3	1	10	6	5
	1130	,,	904·9	948·0	...	70·9	55·7	41·5	9·0	35	...	1·0	...	4·8	0	0	30	4	0	0	1	1	0	8	16	1
	1730	,,	902·5	946·1	...	64·9	54·7	45·8	10·5	50	...	1·3	...	2·1	0	0	24	9	0	0	0	0	0	1	14	7
	2330	,,	902·6	947·3	...	53·5	49·2	44·8	10·3	72	...	0·4	...	0·8	0	0	11	1	0	0	1	0	0	5	4	20
Dhanbad ...	0530	839	1017·4	987·1	...	54·2	50·5	46·5	10·8	75	...	0·6	...	2·8	0	0	31	4	5	0	0	0	4	6	12	0
	0830	,,	1019·3	989·5	...	65·6	56·1	46·8	11·1	51	...	0·8	...	2·5	0	0	28	3	3	0	1	1	8	9	3	3
	1130	,,	1017·8	988·3	...	76·0	59·5	43·6	10·0	32	...	1·2	...	3·5	0	0	30	2	7	2	2	2	7	4	4	1
	1730	,,	1015·4	986·1	...	71·3	58·8	47·5	11·3	43	...	0·9	...	2·8	0	0	28	7	1	0	1	0	1	5	13	3
	2330	,,	1017·6	987·7	...	61·4	54·1	46·8	11·0	59	...	0·3	...	3·9	0	0	30	10	11	0	0	0	2	2	5	1
Mahanadi Catchment																										
Baramul ...	0830	210	1019·2	1011·7	...	67·6	62·6	59·1	17·1	74	...	...	...	1·3	0	0	20	0	0	5	6	9	0	0	0	11
	1730	,,	1015·4	1007·8	...	68·1	64·7	62·5	19·3	82	...	...	...	0	0	0	0	0	0	0	0	0	0	0	0	31
Hirakud ...	0830	522	1021·9	1033·0	...	66·8	60·0	54·6	14·6	65	...	...	...	0·3	0	0	6	0	2	0	0	0	0	0	4	25
	1730	,,	1017·5	999·3	...	76·2	64·2	55·7	15·1	49	...	...	...	0·1	0	0	1	0	0	0	0	0	0	1	1	30
Barkachhar ...	0830	...	...	...	...	63·1	58·1	54·1	14·2	74	...	6·1	...	2·3	0	0	29	7	1	2	1	0	12	4	2	2
	1730	...	...	...	...	74·7	64·1	56·2	15·7	53	...	6·8	...	1·0	0	0	15	7	6	1	1	0	0	0	0	16
Sonepur ...	0830	...	...	...	...	66·9	63·3	60·9	18·2	81	...	...	...	1·0	0	0	13	1	2	1	5	1	0	3	0	18
Ginabahar ...	0830	...	...	...	...	62·2	55·3	49·4	11·8	62	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jonk ...	0830	...	...	...	...	65·3	58·9	53·4	14·1	66	...	1·0	...	1·0	0	0	11	0	4	4	0	1	1	0	1	20
	1730	...	...	...	...	77·1	63·9	54·1	14·4	45	...	1·3	...	0·8	0	0	9	1	2	3	0	3	0	0	0	22
Ganga Catchment																										
Tapoban * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Badrinath ...	0830	...	...	...	...	closed	during	winter	months	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Narbada Catchment																										
Punasa ...	0830	...	...	...	...	66·4	56·5	46·8	11·1	50	...	1·9	...	2·9	0	0	24	0	13	10	1	0	0	0	0	7
	1730	...	...	...	...	83·7	65·8	52·0	13·6	35	...	2·0	...	1·4	0	0	14	1	7	2	0	2	2	0	0	17
Bagra Tawa ...	0830	...	...	...	...	60·9	54·1	47·1	11·2	61	...	2·9	...	2·1	0	0	15	0	8	1	2	0	4	0	0	16
	1730	...	...	...	...	78·5	63·7	52·6	13·5	41	...	3·0	...	1·0	0	0	13	0	7	0	2	0	4	0	0	18
Thikri ...	0830	...	...	...	...	71·9	63·0	54·3	15·6	56	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapti Catchment																										
Nandurbar ...	0830	...	...	...	...	73·7	60·8	49·8	12·6	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Sabarmati Catchment																										
Jhadol (R)...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dharoi ...	0830	...	...	...	...	65·1	54·4	44·1	9·6	45	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not reliable (a) Mean of 30 days (R) Register not registered

TABLE II—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL AND WEATHER

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean between 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust—storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES																												
Kosi-catchment																												
January																												
Kathmandu ...	66·5	...	71	31	34·2	...	28	6	0·05	0·12	...	0·07	8	0	...	1·7	1·0	...	2	0	0	0	13	0	9	0	0	0
Chautara ...	...	...	...	...	...	...	...	...	...	0·04	...	0·04	9	0	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	61·1	...	68	31	40·1	...	35	12	0	0	...	0	...	0	...	1·4	1·3	...	0	...	...	...	...	...	...	...	...	...
Barahkshetra ...	76·5	...	80	4days	52·8	...	50	4days	0	0	...	0	...	0	...	2·0	2·6	...	0	...	...	...	...	...	...	...	...	...
Chainpur ...	69·5	...	73	2,20	48·3	...	40	2	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Angbung ...	...	...	...	...	...	...	...	...	...	0·07	...	0·07	16	0	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Taplejung * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	65·6	...	71	28	49·7	...	45	7	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	48·7	...	51	25,26	24·1	...	20	11	...	0·31	...	0·11	4	1	...	...	...	...	6	...	...	...	...	...	...	...	...	...
February																												
Kathmandu ...	70·3	...	80	20	39·1	...	30	24	0·14	0·29	...	0·25	5	1	...	2·2	1·2	...	2	0	0	2	10	0	0	0	0	0
Chautara ...	...	...	...	...	...	...	...	...	...	0·87	...	0·56	5	3	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Okhaldhunga ..	64·0	...	72	21	43·3	...	32	24	0·19	0·68	...	0·46	23	2	...	3·2	1·6	..	3	...	...	...	...	...	...	...	...	...
Barahkshetra ...	80·8	...	87	22	56·8	...	53	14 25	0·12	2·05	.	1·82	23	3	...	4·5	3·0	...	4	0	0	2	0	0	0	0	0	0
Chainpur ...	70·9	...	77	18,20	52·0	...	41	23,24	...	2·10	....	1·05	23	2	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Angbung ...	...	...	...	...	...	...	...	...	...	1·44	...	0·74	23	2	...	...	...	...	4	...	...	...	...	...	...	...	...	...
Taplejung * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	69·4	...	71	12days	49·9	...	44	25	...	1·63	...	0·70	23	5	...	...	...	...	7	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	48·1	...	52	26,29	23·9	...	20	5	...	0·15	...	0·09	28	0	...	...	...	...	2	...	...	...	...	...	...	...	...	...
March																												
Kathmandu ...	70·4	...	80	31	45·3	...	39	11, 12,18	0·63	2·79	...	0·85	17	5	...	2·4	1·2	...	7	0	1	9	1	0	0	0	C	0
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	63·8	...	71	9,22, 30	45·8	...	39	3,17, 18	0·50	1·94	...	0·65	4	6	...	3·6	3·4	...	7	...	...	...	...	...	...	...	...	...
Barahkshetra ...	82·7	...	94	31	60·4	...	55	18	1·37	1·97	...	0·83	25	6	...	5·7	4·0	...	8	0	0	6	0	0	0	0	0	0
Chainpur ...	72·0	...	80	22	52·7	...	48	2,9,18	...	0·50	...	0·25	25	2	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Angbung ...	...	...	...	...	...	...	...	...	...	1·54	...	0 34	16	5	...	...	...	...	9	...	...	...	...	...	...	...	...	...
Taplejung * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok * ...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	(a) 51·5	...	55	4days	(a) 30·6	...	...	...	...	8·98	...	1·19	8	12	...	...	...	...	12	...	...	...	...	...	...	...	...	...
April																												
Kathmandu ...	80·0	...	87	9	52·4	...	45	11	1·47	2·83	...	0·76	19	6	...	1·0	1·0	...	10	0	0	12	0	1	0	1	0	
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	74·5	...	82	15	54·1	...	44	3	0·68	2·01	...	0·43	25	8	...	6·1	3·1	...	10	...	...	...	...	...	...	...	...	...
Barahkshetra ...	93·4	...	102	15	70·4	...	65	1,4,6	0·60	1·32	...	0·57	22	6	...	7·6	4·4	...	8	0	0	10	0	0	0	0	0	0
Chainpur ...	80·9	...	87	11,20	59·8	...	53	1,3,5	...	2·18	...	1·00	29	3	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Angbung ...	...	...	...	...	...	...	...	...	...	1·43	...	0·85	25	3	...	...	...	...	8	...	...	...	...	...	...	...	...	...
Taplejung * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	81·0	...	85	16	58·4	...	55	1,2,6	...	2·15	...	0·70	3	6	...	...	...	...	7	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	56·0	...	60	12,28	36·9	...	30	1	...	1·96	...	0·48	8	8	...	...	...	...	12	...	...	...	...	...	...	...	...	...
May																												
Kathmandu ...	81·8	...	85	19,20, 21	59·9	...	58	4days	0·70	4·14	...	0·50	28	14	...	2·2	1·2	...	20	0	0	25	0	2	0	0	1	0
Chautara ...	...	...	...	...	...	...	...	...	...	2·87	...	1·15	27	6	...	...	...	...	10	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	75·1	...	79	22	56·5	...	50	21	2·68	5·57	...	0·67	15	8	...	3·1	2·0	...	12	...	...	...	...	...	...	...	...	...
Barahkshetra ...	90·6	...	95	12	73·1	...	68	5,8	3·88	7·81	...	1·18	22	16	...	8·7	4·6	...	22	0	0	16	0	0	0	0	0	0
Chainpur ...	81·9	...	86	1,5	62·5	...	57	7	...	15·27	...	2·90	28	18	...	...	...	...	18	...	...	...	...	...	...	...	...	...
Angbung ...	(a) 81·0	...	86	21	(a) 63·0	...	48	5	...	5·81	...	0·86	25	15	...	...	...	...	20	...	...	...	...	...	...	...	...	...
Taplejung * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	80·1	...	85	20,28	60·8	...	56	6,7	...	4·57	...	0·60	31	16	...	...	...	...	16	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	55·4	...	62	29	39·1	...	31	9	...	7·42	...	0·83	7	22	...	...	...	...	28	...	...	...	...	...	...	...	...	...
June																												
Kathmandu ...	84·3	...	90	9	65·1	...	59	7	2·18	6·48	...	1·52	25	9	...	2·2	1·1	...	14	0	0	14	0	0	0	0	0	0
Chautara ...	...	...	...	...	...	...	...	...	...	7·94	...	1·10	28	13	...	...	...	...	17	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	77·8	...	82	8,9	61·1	...	54	5	3·96	13·76	...	2·90	26	15	...	1·4	1·4	...	17	...	...	...	...	...	...	...	...	...
Barahkshetra ...	91·7	...	98	13	76·3	...	72	2.6	4·59	10·25	...	1·87	30	13	...	6·5	3·2	...	17	0	0	8	0	0	0	0	0	0
Chainpur ...	83·9	...	88	14	66·9	...	59	4	...	9·02	...	3·15	4	9	...	...	...	...	10	...	...	...	...	...	...	...	...	...
Angbung ...	84·6	...	89	13	67·3	...	62	2	...	7·00	...	1·82	30	10	...	...	...	...	13	...	...	...	...	...	...	...	...	...
Taplejung ...	75·8	...	79	15,17	62·5	...	56	3	0·71	7·12	...	1·42	30	16	...	6·1	2·5	...	22	0	0	3	9	0	0	0	0	0
Tapkethok ...	85·1	...	88	14,19	64·9	...	60	2,3	...	11·16	...	1·55	28	17	...	...	...	...	17	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	63·2	...	68	19	46·3	...	40	1	...	11·84	...	1·29	17	24	...	...	...	...	26	...	...	...	...	...	...	...	...	...

(a) Mean of 30 days. * Data not available.

Division and station	Air temperature in °F								Rainfall in inches					No. of rainy days (0·10" or more)		Wind speed, miles per hour			Weather phenomena —No. of days with									
	Mean maximum	Departure from normal	Highest	Date	Mean minimum	Departure from normal	Lowest	Date	Total fall during 0830-1730 hours.	Total fall in 24 hours	Departure from normal	Heaviest fall in 24 hours	Date	Total in the month	Departure from normal	Mean beween 0830-1730 hours	Mean 24 hours	Departure from normal	Precipitation (·01" or more)	Snow or sleet	Hail	Thunder heard	Fog	Dust-storm	Ground frost	Gale	Squall	Line squall
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*																												
Kosi-catchment *Contd.*																												
July																												
Kathmandu ...	82·5	...	86	21	67·9	...	65	17,18	2·29	12·36	...	1·85	30	21	...	1·6	1·0	...	26	0	0	25	0	0	0	0	0	0
Chautara ...	...	...	...	...	...	...	...	...	...	16·13	...	2·66	19	19	...	...	...	...	21	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	76·7	...	81	19,28	63·1	...	60	17,18	3·40	11·87	...	2·88	15	16	...	1·4	1·0	...	26	...	...	...	...	...	...	...	...	...
Barahkshetra ...	89·1	...	95	8,21	77·0	...	74	3,14	8·54	16·49	...	2·68	1	19	...	5·0	2·5	...	26	0	0	10	0	0	0	0	0	0
Chainpur ...	82·2	...	85	5 days	67·6	...	60	5	...	14·25	...	2·60	13	20	...	...	...	...	21	...	...	...	...	...	...	...	...	...
Angbung ...	82·4	...	89	21	68·1	...	65	16	...	13·36	...	2·10	12	19	...	...	...	...	24	...	...	...	...	...	...	...	...	...
Talpejung ...	75·2	...	80	5	63·1	...	60	14,17	3·00	18·50	...	2·94	11	25	...	3·4	2·3	...	28	0	0	1	9	0	0	0	0	0
Tapkethok ...	82·3	...	87	23	65·7	...	64	11,15	...	24·08	...	2·27	9	29	...	...	...	...	31	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	64·0	...	68	22,23	48·5	...	46	6 days	...	11·48	...	0·88	1	27	...	...	...	...	29	...	...	...	...	...	...	...	...	...
August																												
Kathmandu ...	81·6	...	85	2	67·5	...	65	20	1·50	12·91	...	2·31	27	23	...	1·6	0·8	...	27	0	0	9	2	0	0	0	0	0
Chautara ...	...	...	...	...	...	...	...	...	...	29·37	...	3·57	29	30	...	...	...	...	30	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	78·2	...	81	15	63·0	...	60	10,30	2·61	8·81	...	1·43	24	10	...	0·9	0·7	...	14	...	...	...	...	...	...	...	...	...
Barahkshetra ...	88·2	...	92	14	76·2	...	74	5,9,21	18·86	28·54	...	4·19	7	23	...	4·0	1·7	...	29	0	0	7	0	0	0	0	0	0
Chainpur ...	82·7 (b)	...	87	1,12	67·3 (b)	...	65	5days	...	13·22	...	2·80	7	19	...	...	...	...	23	...	...	...	...	...	...	...	...	...
Angbung ...	83·4	...	87	1	68·0	...	64	22	...	6·49	...	1·10	18	13	...	...	...	...	17	...	...	...	...	...	...	...	...	...
Taplejung ...	76·0	...	78	7 days	63·3	...	61	28,30	1·95	18·37	...	3·07	2	23	...	2·7	2·2	...	28	0	0	1	19	0	0	0	0	0
Tapkethok ...	82·4	...	87	9	65·6	...	63	25,26, 30	...	26·06	...	2·98	7	31	...	...	...	...	31	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	64·9	...	69	5,8,9	47·8	...	43	14,28	...	15·08	...	1·21	4	31	...	...	...	...	31	...	...	...	...	...	...	...	...	...
September																												
Kathmandu ...	80·5	...	84	8,10, 13	65·3	...	60	30	3·10	8·69	...	1·98	4	10	...	0·9	0·5	...	14	0	0	10	6	0	0	0	0	0
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	70·3	...	81	1,11	55·2	...	40	21	1·53	4·24	...	2·59	24	4	...	0·3	0·1	...	5	...	...	...	...	...	...	...	...	...
Barahkshetra ...	87·4	...	92	18	74·8	...	71	24	10·53	24·42	...	3·75	1	19	...	3·0	1·6	...	25	0	0	7	0	0	0	0	0	0
Chainpur ...	80·1	...	85	14,17	66·0	...	62	17,24	...	16·21	...	2·70	24	17	...	...	...	...	20	...	...	...	...	...	...	...	...	...
Angbung ...	80·1	...	85	2	65·9	...	62	6,19	...	8·43	...	1·43	24	16	...	...	...	...	22	...	...	...	...	...	...	...	...	...
Taplejung ...	73·2	...	77	6 days	61·4	...	53	28	1·75	14·36	...	2·31	3	21	...	4·5	2·2	...	27	0	0	0	16	0	0	0	0	0
Tapkethok ...	80·5	...	85	11,14	63·4	...	57	25,29	...	21·14	...	3·34	8	27	...	...	...	...	27	...	...	...	...	...	...	...	...	...
Wallangchung Gola	64·3	...	70	7	46·8	...	42	23	...	15·24	...	1·31	17	25	...	...	...	...	26	...	...	...	...	...	...	...	...	...
October																												
Kathmandu ...	80·2	...	83	23	57·5	...	50	29,31	0	0	...	0	...	0	...	1·4	0·8	...	0	0	0	0	20	0	0	0	0	0
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	72·7	...	80	31	58·2	...	45	1,2	0·77	0·68	...	0·39	31	2	...	0·7	0·3	...	2	...	...	...	...	...	...	...	...	...
Barahkhetra ...	88·1	...	91	4days	70·5	...	65	31	1·29	1·87	...	0·71	13	5	...	3·3	1·9	...	9	0	0	3	0	0	0	0	0	0
Chainpur ...	80·9 (d)	...	85	16	63·8 (d)	...	61	27,30	...	0·57	...	0·15	3,8,14	3	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Angbung ...	79·4	...	...	...	62·0	...	...	...	...	0·16	...	0·14	3	1	...	...	...	...	2	...	...	...	...	...	...	...	...	...
Taplejung ...	72·6	...	75	22	57·1	...	53	23	0·03	0·60	...	0·34	3	2	...	4·7	2·5	...	6	0	0	0	8	0	0	0	0	0
Tapkethok ...	79·7	...	83	6,16	57·2	...	49	20	...	1·25	...	0·42	10	5	...	...	...	...	5	...	...	...	...	...	...	...	...	...
Wallangchung Gola	57·3	...	62	1	36·6	...	30	4 days	...	1·33	...	0·38	2	5	...	...	...	...	8	...	...	...	...	...	...	...	...	...
November																												
Kathmandu ...	72·7	...	82	1	45·3	...	39	27,30	0	0·26	...	0·26	3	1	...	1·2	0·9	...	1	0	1	1	19	0	0	0	0	0
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	72·5	...	81	1	53·6	...	40	27	0	0·94	...	0·39	28	3	...	0·1	0	...	3	...	...	...	...	...	...	...	...	...
Barahkshetra ...	83·3	...	91	2	60·3	...	53	27,30	0·04	0·09	...	0·05	3	0	...	5·7	2·2	...	2	...	...	...	...	...	...	...	...	...
Chainpur ...	73·8	...	81	3	56·6	...	50	27,28	...	0·60	...	0·60	3	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Angbung ...	71·8	...	79	2	54·6	...	50	29	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Taplejung ...	64·2	...	73	1	48·9	...	44	26,27, 28	0	0·76	...	0·43	4	2	...	3·8	2·5	..	4	0	0	1	4	0	0	0	0	0
Tapkethok ...	71·5	...	80	14	49·1	...	42	10	...	0·71	...	0·60	2	1	...	...	...	...	3	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	47·5	...	50	5,26	25·5	...	20	30	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
December																												
Kathmandu ...	67·1	...	71	22	36·6	...	29	29	0	0	...	0	...	0	...	1·8	1·0	...	0	0	0	0	14	0	5	0	0	0
Chautara * ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	72·6	...	83	25	54·5	...	39	11	0	0·39	...	0·39	28	1	...	0·1	0	...	1	...	...	...	...	...	...	...	...	...
Barahkshetra ...	77·1	...	79	8 days	53·6	...	48	30	0	0	...	0	...	0	...	3·0	2·0	...	0	...	...	...	...	...	...	...	...	...
Chainpur ...	68·2	...	79	7	49·6	...	44	29	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Angbung ...	65·5	...	69	6	48·1	...	42	28	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Taplejung ...	58·6	...	63	5	43·1	...	37	29	0	0	...	0	...	0	...	3·6	2·0	...	0	0	0	0	1	0	0	0	0	0
Tapkethok ...	68·3	...	72	18,25, 26	47·0	...	43	28	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	46·3	...	50	15	23·5	...	21	15,19, 21	...	0	...	0	...	0	...	...	...	...	0	...	...	...	...	...	...	...	...	...

* Data not available (b) Mean of 29 days (d) Mean of 27 days

TABLE III—SUMMARY OF OBSERVATIONS AT FIXED HOURS

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
HYDROMETEOROLOGICAL OBSERVETORIES																										
Kosi Catchment																										
January																										
Kathmandu ...	0830	4373	907·8	872·0	...	40·5	40·1	39·7	8·2	97	...	2·4	...	0·5	0	0	6	1	0	1	3	1	0	0	0	25
	1730	,,	903·0	868·6	...	56·3	50·1	44·6	9·6	67	...	0·7	...	0·8	0	0	9	4	0	1	2	0	0	0	2	22
Chautara ...	0830	...	...	...	...	50·5	47·8	45·1	10·3	83	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	52·7	47·2	43·0	9·1	69	...	4·1	...	0·6	0	0	8	0	0	0	0	3	4	1	0	23
	1730	...	...	...	...	51·8	46·9	43·1	9·1	77	...	4·5	...	0·8	0	0	6	0	0	0	0	0	2	4	0	25
Barahkshetra ...	0830	528	1019·0	1000·0	...	58·4	55·1	51·6	13·4	80	...	1·3	...	1·6	0	0	16	0	0	11	4	1	0	0	0	15
	1730	,,	1014·9	996·1	...	63·9	59·0	55·0	14·9	73	...	2·3	...	2·4	0	0	22	0	0	13	6	3	0	0	0	9
Chainpur ...	0830	...	...	...	...	...	51·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	0830	...	...	...	...	50·8	47·0	43·2	9·5	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	45·8	34·4	17·0	3·2	31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February																										
Kathmandu ..	0830	4373	904·8	869·5	...	48·2	45·7	43·1	9·5	84	...	2·5	...	0·4	0	0	6	1	0	0	4	1	0	0	0	23
	1730	,,	900·7	866·6	...	61·1	52·2	43·6	9·6	85	...	3·8	...	1·7	0	0	13	6	0	0	1	0	2	0	4	16
Chautara ...	0830	...	...	...	...	48·5	46·4	44·2	10·2	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	55·9	49·3	44·2	9·6	65	...	5·9	...	0·1	0	0	1	0	0	0	0	1	0	0	0	28
	1730	...	...	...	...	53·0	47·2	44·4	9·0	70	...	5·2	...	1·4	0	0	14	1	0	0	1	2	3	7	0	15
Barahkshetra ...	0830	528	1014·9	996·0	...	63·6	58·3	54·5	18·5	73	...	2·6	...	1·8	0	0	13	0	0	4	2	4	1	2	0	16
	1730	,,	1011·0	992·7	...	69·9	62·3	56·7	16·0	63	...	3·3	...	2·3	0	0	21	0	0	6	11	3	1	0	0	8
Chainpur ...	0830	...	...	...	...	...	55·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	0830	...	...	...	...	49·9	49·0	47·2	11·5	94	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	43·8	34·1	20·0	3·7	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March																										
Kathmandu ...	0830	4373	902·6	868·0	...	59·4	50·9	47·3	11·1	77	...	3·8	...	0·5	0	0	6	0	0	2	2	0	0	1	1	25
	1730	,,	899·1	865·3	...	63·7	54·1	45·5	12·3	54	...	3·8	...	1·2	0	0	12	1	0	0	4	4	2	0	1	19
Chautara * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ..	0830	...	...	...	...	54·2	49·7	43·0	10·1	63	...	5·0	...	0·6	0	0	9	1	0	0	0	2	2	4	0	22
	1730	...	...	...	...	55·2	48·6	43·0	9·3	66	...	5·2	...	1·3	0	0	17	0	0	1	0	3	4	9	0	14
Barahkshetra ...	0830	528	1012·4	994·2	...	69·4	61·1	54·5	14·4	61	...	3·7	...	2·4	0	0	17	0	0	6	1	3	1	5	1	11
	1730	,,	1008·6	990·7	...	74·6	63·5	55·1	14·4	52	...	3·7	...	4·0	0	2	23	1	0	3	4	16	0	1	0	6
Chainpur ...	0830	...	...	...	...	...	54 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	46·5	35·1	18·4	3·4	33	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April																										
Kathmandu ...	0830	4373	902·2	868·3	...	64·9	57·9	52·7	13·6	65	...	3·2	...	0·6	0	0	8	0	2	1	3	1	0	3	0	22
	1730	,,	898·5	865·2	...	71·6	60·4	51·5	13·4	51	...	5·0	...	1·4	0	1	4	1	0	2	1	0	0	0	1	25
Chautara * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	63·2	56·6	52·7	13·2	69	...	5·5	...	1·3	0	0	15	2	0	2	0	4	4	3	0	15
	1730	...	...	...	...	63·6	56·2	51·4	12·9	66	...	5·3	...	1·0	0	0	14	2	0	0	1	4	4	2	1	16
Barahkshetra ..	0830	528	1010·3	992·2	...	81·0	67·7	58·6	17·1	49	...	2·9	...	3·0	0	0	25	0	1	6	2	2	8	5	1	5
	1730	,,	1005·3	987·4	...	86·9	70·1	58·9	17·2	43	...	3·5	...	3·7	0	0	24	0	0	4	5	3	2	6	4	6
Chainpur ...	0830	...	...	...	...	...	60·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	0830	...	...	...	...	62·6	59·2	56·8	16·8	81	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	50·6	42·6	34·6	6·8	55	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May																										
Khatmandu ...	0830	4373	898·5	865·5	...	69·0	63·3	59·6	17·6	73	...	4·0	...	0·4	0	0	5	0	0	4	0	1	0	0	0	26
	1730	,,	894·8	861·8	...	74·9	65·5	59·8	17·6	60	...	4·7	...	1·3	0	0	9	3	0	2	0	0	0	1	3	22
Chautara ...	0830	...	...	...	...	65·2	63·1	61·4	18·9	89	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	65·7	60·0	60·4	15·6	83	...	5·8	...	0·3	0	0	4	0	0	0	0	0	1	3	0	27
	1730	...	...	...	...	65·7	62·5	60·8	18·2	85	...	6·3	...	1·0	0	0	13	0	0	0	0	1	5	6	1	18
Barahkshetra ...	0830	528	1006·0	988·1	...	82·1	74·5	70·7	25·8	69	...	4·4	...	2·6	0	0	24	0	0	2	0	0	3	16	3	7
	1730	,,	1002·1	984·3	...	84·2	76·0	72·1	26·9	69	...	5·0	...	3·2	0	1	18	0	0	4	0	1	3	8	3	12
Chainpur ...	0830	...	...	...	...	...	66·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung (x) ...	0830	...	...	...	...	68·5	65·4	63·4	20·2	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available (x) Observations for 30 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars			Mean temperature in °F			Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas)		Mean wind speed (m.p.h.)	Wind speed (m.p.h.)			No. of observations Wind direction								
			At mean sea or nearest g.p.km. level	At station level	Departure from normal	Dry bulb	Wet bulb	Dew point				Mean amount	Departure from normal		39 or more	13 to 38	1 to 12	N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																										
Kosi Catchment *Contd.*																										
May—Contd.																										
Taplejung * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tapkethok ...	0830	...	...	...	...	66·1	62·3	59·6	17·7	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	0830	...	...	...	...	50·8	44·0	38·0	7·7	61	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
June																										
Kathmandu ...	0830	4373	894·8	861·7	...	74·4	68·2	65·0	21·0	73	...	4·9	...	0·9	0	0	11	1	2	2	3	1	1	0	1	19
	1730	,,	891·7	858·9	...	77·3	69·5	65·3	21·4	67	...	5·2	...	1·5	0	0	18	3	2	4	3	1	1	1	3	12
Chautara ...	0830	...	...	...	...	67·8	65·8	64·8	20·0	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	68·6	65·5	64·4	20·3	87	...	6·8	...	0·2	0	0	3	0	0	0	0	1	1	0	1	27
	1730	...	...	...	...	68·2	65·3	64·3	20·2	86	...	6·9	...	0·6	0	0	8	0	0	0	0	1	0	7	0	22
Barahkshetra ...	0830	528	1001·7	984·1	...	84·2	78·3	75·7	30·4	76	...	5·1	...	2·7	0	1	17	0	0	1	1	0	1	13	3	12
	1730	,,	998·5	980·7	...	86·3	79·4	76·8	31·1	75	...	5·1	...	2·1	0	0	16	0	0	0	0	4	0	7	5	14
Chainpur ...	0830	...	...	...	...	...	70·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ...	0830	...	...	...	...	72·9	69·9	68·9	23·9	86	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	67·6	64·6	63·4	19·7	85	...	6·2	...	0·8	0	0	11	3	2	1	0	1	0	2	2	19
	1730	...	...	...	...	74·1	65·5	62·9	18·4	70	...	6·8	...	0·4	0	1	21	1	3	1	7	5	3	2	0	8
Tapkethok ...	0830	...	...	...	...	69·2	66·1	64·0	20·7	84	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	0830	...	...	...	...	55·0	50·9	47·8	11·4	77	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
July																										
Kathmandu ...	0830	4373	893·9	860·8	...	74·0	69·8	64·5	23·2	80	...	5·8	...	1·0	0	0	10	1	1	4	3	1	0	0	0	21
	1730	,,	891·5	858·7	...	76·1	71·6	68·9	24·6	79	...	6·8	...	1·0	0	0	12	5	0	1	1	1	1	0	3	19
Chautara ...	0830	...	...	...	...	68·9	67·0	66·1	21·9	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	68·9	67·0	66·5	21·9	91	...	6·7	...	0·3	0	0	4	1	0	1	0	0	0	2	0	27
	1730	...	...	...	...	68·4	64·3	66·1	19·1	92	...	6·6	...	0·7	0	0	8	0	0	0	0	0	3	5	0	23
Barahkshetra ...	0830	528	1001·2	983·2	...	82·9	79·0	77·1	32·1	84	...	6·3	...	2·1	0	0	17	0	0	0	0	1	0	14	2	14
	1730	,,	998·2	975·2	...	85·0	80·6	78·8	33·6	82	...	6·6	...	2·0	0	0	12	1	0	1	1	0	1	4	4	19
Chainpur ...	0830	...	...	...	...	...	70·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ...	0830	...	...	...	...	72·1	70·5	69·9	24·9	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	68·3	65·9	64·9	20·6	88	...	6·0	...	1·5	0	0	15	3	3	2	2	0	2	1	2	16
	1730	...	...	...	...	70·8	67·3	66·4	19·3	83	...	7·0	...	2·6	0	0	20	4	2	3	5	4	1	1	0	11
Tapkethok ...	0830	...	...	...	...	69·1	66·6	65·1	21·3	88	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	56·9	53·0	50·1	12·5	79	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
August																										
Kathmandu ...	0830	4373	895·0	861·8	...	72·9	69·5	67·8	23·4	84	...	6·7	...	0·5	0	0	5	0	0	2	2	1	0	0	0	26
	1730	,,	892·5	859·4	...	74·2	70·9	69·1	25·1	85	...	7·4	...	0·7	0	0	11	2	0	4	2	1	0	0	2	20
Chautara ...	0830	...	...	...	...	68·5	67·1	66·9	22·2	93	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	69·3	67·1	66·0	22·0	90	...	6·6	...	0·3	0	0	5	0	0	0	0	1	2	2	0	26
	1730	...	...	...	...	67·2	66·3	65·9	21·2	96	...	6·7	...	0·2	0	0	3	0	0	0	0	0	1	2	0	28
Barahkshetra ...	0830	528	1002·5	984·4	...	82·1	78·5	76·9	31·6	85	...	6·9	...	1·0	0	0	12	0	0	0	0	1	1	9	1	19
	1730	,,	999·6	981·7	...	82·4	79·7	78·8	33·1	89	...	7·0	...	0·5	0	0	7	0	0	0	1	0	0	3	3	24
Chainpur ...	0830	...	...	...	...	...	71·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ** ...	0830	...	...	...	...	73·1	71·2	70·3	25·4	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	67·7	65·9	63·1	21·1	91	...	6·9	...	1·0	0	0	15	5	3	1	0	1	0	3	2	16
	1730	...	...	...	...	69·7	66·5	63·0	21·1	85	...	7·0	...	2·4	0	0	15	1	0	2	3	6	0	3	0	16
Tapkethok ...	0830	...	...	...	...	68·9	67·1	66·5	22·0	91	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	0830	...	...	...	...	58·0	53·3	50·6	12·4	75	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
September																										
Kathmandu ...	0830	4373	898·8	865·3	...	70·6	67·4	65·7	21·4	85	...	6·1	...	0·6	0	0	9	0	0	1	5	2	1	0	0	21
	1730	,,	895·9	863·7	...	72·6	69·1	67·2	22·8	84	...	5·9	...	0·3	0	0	5	2	0	2	1	0	0	0	0	25
Chautara * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	63·8	60·7	59·0	17·1	85	...	6·4	...	0·6	0	0	9	0	0	0	0	2	6	1	0	21
	1730	...	...	...	...	62·0	59·8	58·9	16·8	89	...	6·4	...	0·5	0	0	7	0	0	0	0	0	3	4	0	23
Barahkshetra ...	0830	528	1006·5	988·4	...	79·5	76·9	75·7	31·1	89	...	6·7	...	0·7	0	0	8	0	0	1	1	1	0	3	2	22
	1730	,,	1003·4	985·3	...	80·7	78·4	77·5	32·1	90	...	6·6	...	0·8	0	0	10	1	0	1	2	3	0	2	1	20
Chainpur ...	0830	...	...	...	...	...	68·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ...	0830	...	...	...	...	69·9	68·2	67·5	23·4	92	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	65·6	64·9	63·4	17·5	92	...	3·2	...	1·3	0	0	15	4	4	2	0	1	0	2	2	15
	1730	...	...	...	...	67·9	64·3	62·6	15·5	85	...	6·8	...	3·9	0	0	22	1	1	1	8	9	1	1	0	8
Tapkethok ...	0830	...	...	...	...	66·7	64·7	61·7	18·9	94	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	0830	...	...	...	...	56·6	52·8	50·0	11·9	80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
October																										
Kathmandu ...	0830	4373	902·2	868·3	...	66·2	62·7	60·6	17·8	82	...	3·3	...	0·5	0	0	8	1	1	4	1	0	0	1	0	23
	1730	,,	898·9	865·5	...	69·9	64·3	60·8	18·0	73	...	2·5	...	0·3	0	0	5	2	1	0	0	1	0	0	1	26

* Data not available ** Observations for 29 days

Division and station	Hour of observation I.S.T.	Height of barometer cistern above mean sea level in feet	Mean pressure in millibars: At mean sea or nearest g.p.km. level	Mean pressure in millibars: At station level	Mean pressure in millibars: Departure from normal	Mean temperature in °F: Dry bulb	Mean temperature in °F: Wet bulb	Mean temperature in °F: Dew point	Vapour pressure in mbs.	Relative humidity %	Departure from normal	Cloud amount (Oktas): Mean amount	Cloud amount (Oktas): Departure from normal	Mean wind speed (m.p.h.)	Wind speed (m.p.h.): 39 or more	Wind speed (m.p.h.): 13 to 38	Wind speed (m.p.h.): 1 to 12	No. of observations: Wind direction: N	NE	E	SE	S	SW	W	NW	Calm
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
HYDROMETEOROLOGICAL OBSERVATORIES *Contd.*—																										
Kosi Catchment *Contd.*																										
October-*Contd.*																										
Chautara * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	65·4	64·0	61·2	19·9	88	...	5·8	...	0·5	0	0	7	0	0	0	0	2	3	2	0	24
	1730	...	...	...	...	65·1	63·5	62·7	19·5	92	...	5·9	...	0·7	0	0	10	0	0	0	0	2	3	3	2	21
Barahkshetra ...	0830	528	1010·2	992·0	...	78·3	73·1	70·6	25·4	77	...	3·1	...	1·7	0	0	17	0	0	4	5	0	4	4	0	14
	1730	,,	1007·1	989·0	...	77·5	74·8	73·6	28·2	88	...	4·5	...	1·4	0	0	17	0	0	7	6	2	2	0	0	14
Chainpur ...	0830	...	...	...	...	...	66·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ‡ ...	0830	...	...	...	...	69·1	63·9	62·6	18·5	76	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	64·1	59·0	55·9	15·3	76	...	3·7	...	0·8	0	0	11	3	1	4	1	0	0	0	2	20
	1730	...	...	...	...	65·3	59·8	56·3	15·6	73	...	4·5	...	5·7	0	0	30	0	1	2	10	15	2	0	0	1
Tapkethok ...	0830	...	...	...	...	61·1	58·3	55·5	15·5	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	51·7	44·2	37·4	7·6	58	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
November																										
Kathmandu ...	0830	4373	905·6	870·7	...	53·4	51·4	49·7	12·1	88	...	1·4	...	0·5	0	0	7	1	0	2	1	1	1	0	1	23
	1730	,,	902·0	867·8	...	60·6	54·9	50·2	12·4	69	...	1·4	...	0·7	0	6	9	1	1	4	2	1	0	0	0	21
Chautara * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	62·5	59·3	56·8	16·5	83	...	5·6	...	0·4	0	0	6	0	0	0	0	1	2	3	0	24
	1730	...	...	...	...	62·3	59·9	58·5	16·8	88	...	5·9	...	0·4	0	0	6	0	0	0	0	2	3	1	0	24
Barahkshetra ...	0830	528	1015·0	996·4	...	68·1	63·1	59·7	17·5	75	...	1·5	...	2·7	0	0	15	0	0	8	1	0	2	2	0	15
	1730	,,	1011·7	993·2	...	69·0	65·3	63·0	19·7	81	...	2·5	...	0·5	0	0	7	0	0	4	2	1	0	0	0	23
Chainpur ...	0830	...	...	...	...	...	60·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ...	0830	...	...	...	...	61·2	55·5	51·8	13·0	70	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	55·2	50·4	46·4	10·7	75	...	3·9	...	0·5	0	0	6	0	4	1	6	0	0	1	0	24
	1730	...	...	...	...	56·9	51·5	46·6	11·1	69	...	4·8	...	5·4	0	0	30	0	0	2	13	12	3	0	0	0
Tapkethok ...	0830	...	...	...	...	54·1	50·6	47·1	11·1	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola	0830	...	...	...	...	42·9	33·4	18·8	3·6	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
December																										
Kathmandu ...	0830	4373	908·9	873·2	...	43·1	43·3	41·2	8·9	94	...	1·9	...	0·2	0	0	3	1	0	1	0	0	1	0	0	28
	1730	,,	905·2	870·5	...	55·0	49·1	42·8	9·5	65	...	1·7	...	0·6	0	0	9	1	0	2	4	1	0	0	1	22
Chautra * ...	0830	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Okhaldhunga ...	0830	...	...	...	...	63·9	60·3	57·9	16·5	82	...	4·4	...	0·2	0	0	3	1	0	0	0	0	1	1	0	28
	1730	...	...	...	...	63·6	60·1	57·7	16·5	83	...	4·8	...	0·3	0	0	4	0	0	0	0	2	0	2	0	27
Barahkshetra ...	0830	528	1020·1	1001·0	...	58·8	56·5	54·6	14·6	86	...	1·4	...	0·8	0	0	11	0	0	9	2	0	0	0	0	20
	1730	,,	1016·3	997·5	...	63·2	59·6	56·7	15·8	78	...	2·4	...	1·8	0	0	25	0	0	14	8	3	0	0	0	6
Chainpur ...	0830	...	...	...	...	...	53·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Angbung ‡ ...	0830	...	...	...	...	55·2	50·5	46·8	10·8	73	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Taplejung ...	0830	...	...	...	...	47·0	44·7	42·3	9·2	84	...	3·2	...	0·8	0	0	9	1	3	4	0	0	0	1	0	22
	1730	...	...	...	...	50·9	46·1	41·3	8·9	70	...	4·7	...	3·7	0	0	30	0	0	2	10	15	3	0	0	1
Tapkethok ...	0830	...	...	...	...	51·3	49·1	46·9	10·9	85	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Wallangchung Gola.	0830	...	...	...	...	38·9	32·6	23·4	4·3	54	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Data not available ‡ Observations for 27 days

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

DECEMBER 1952

	ALLAHABAD (Sur. Pr. 1006 mb.)						CALCUTTA (1017 mb.)						JODHPUR (992 mb.)					
			Temperature °A						Temperature °A						Temperature °A			
	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point	No. of Obsns.	Ht. Gpm.	Mean	Max.	Min.	Dew Point
Surface	31	98	289·6	293	286	284·9	31	5	289·7	292	288	286·1	31	218	219·9	295	289	276·0
1000	31	151	...	...	...	...	31	145	...	...	...	...	31	149	...	...	...	...
900	31	1055	289·1	293	285	278·7	31	1052	289·8	293	286	276·7	31	1054	289·2	293	285	271·7
850	31	1539	287·3	291	283	274·1	31	1536	286·8	291	281	271·7	31	1535	285·4	290	282	269·7
800	31	2048	284·5	288	281	272·6	31	2043	285·2	290	278	267·5	31	2041	282·6	287	279	266·9
700	31	3153	278·4	284	271	268·3	31	3148	280·6	285	276	259·5	31	3140	277·5	284	273	260·9
600	31	4395	270·9	277	262	265·1	31	4404	273·2	278	268	255·6	31	5791	260·1	265	254	...
500	31	5818	261·5	268	254	...	31	5837	264·5	271	259	...	31	7456	249·0	255	244	...
400	30	7495	250·8	257	241	...	29	7524	253·4	259	247	...	28	9492	235·1	242	229	...
300	30	9548	236·8	245	229	...	27	9602	240·0	246	232	...	24	10728	227·5	231	222	...
250	27	10793	229·7	237	223	...	27	10860	232·3	238	221	...	24	12192	222·2	227	216	...
200	27	12274	223·7	229	218	...	25	12342	223·1	232	209	...	16	13060	220·2	225	212	...
175	17	13121	218·6	223	213	...	15	13208	219·2	228	211	...	8	14047	217·4	222	214	...
150	15	14099	214·4	219	209	...	6	14268	217·8	224	208	...	...	...	...	...	...	...
125	12	15242	211·2	215	207	...	...	...	...	...	...	...	...	...	...	...	...	...
100	7	16532	207·4	213	203	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	MADRAS (1013 mb.)						NAGPUR (981 mb.)						NEW DELHI (994 mb.)					
Surface	31	15	298·1	299	297	294·3	28	307	294·6	297	291	283·1	31	210	286·6	291	282	280·7
1000	31	133	...	...	...	...	28	136	...	...	...	...	31	156	...	...	...	...
900	31	1050	291·1	296	288	287·0	28	1051	293·4	297	289	281·1	31	1051	287·8	294	283	272·0
850	31	1538	289·2	293	285	281·7	28	1541	288·7	294	286	278·1	31	1539	284·7	291	280	267·3
800	31	2054	287·5	290	283	276·8	28	2000	285·3	291	283	274·0	31	2041	282·0	277	244	263·5
700	31	3175	283·2	287	280	269·3	28	3165	279·9	285	276	265·8	31	3136	275·8	281	269	258·7
600	31	4443	276·5	282	273	262·3	28	4415	272·0	277	268	258·9	31	4368	268·5	273	263	...
500	31	5898	267·5	274	263	...	27	5847	263·1	268	258	...	30	5777	258·7	265	255	...
400	30	7611	256·9	262	252	...	27	7530	251·7	261	247	...	30	7441	248·1	257	245	...
300	26	9705	242·3	251	234	...	22	9591	237·5	252	232	...	28	9461	234·0	243	231	...
250	26	10989	233·4	242	225	...	21	10823	228·9	247	224	...	28	10690	226·9	236	221	...
200	23	12480	223·0	234	214	...	16	12299	219·9	224	215	...	25	12166	221·3	229	214	...
175	15	13346	216·6	223	211	...	10	13132	215·3	222	211	...	18	13053	218·1	224	210	...
150	13	14303	211·6	219	204	...	10	14091	210·5	220	203	...	14	14039	216·0	221	209	...
125	7	15376	204·9	208	199	...	5	15232	203·6	215	189	...	6	15125	212·5	218	206	...
100	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

RADIO SONDE DATA

MEAN DYNAMIC HEIGHT, TEMPERATURE AND DEW POINT AT STANDARD PRESSURE SURFACES

(From Ascents at 15 hrs. G. M. T.)

DECEMBER 1952

	POONA (Sur. Pr. 952 mb.)						PORT BLAIR (1006 mb.)						TRIVANDRUM (1006 mb.)					
	No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A				No. of Obsns.	Ht. Gpm.	Temperature °A			
			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point			Mean	Max.	Min.	Dew Point
Surface	31	557	296·8	300	293	287·0	29	81	299·0	299	298	294·0	31	64	299·4	300	297	295·1
1000	31	125	...	...	...	...	29	129	...	...	...	...	31	114	...	...	...	...
900	31	1045	296·0	299	293	284·3	29	1046	292·0	295	290	287·0	31	1038	293·6	295	292	288·8
850	31	1538	292·6	295	290	281·3	29	1536	290·0	293	287	285·0	31	1530	290·7	293	288	286·5
800	31	2058	288·2	292	283	279·1	29	2052	287·0	291	284	279·0	31	2049	287·9	291	284	282·0
700	30	3172	280·6	284	277	270·6	29	3172	283·0	285	279	270·0	31	3172	283·6	286	281	271·8
600	30	4423	273·9	278	268	264·0	29	4436	276·0	278	271	263·7	31	4440	275·9	280	273	264·2
500	30	5861	264·3	267	258	...	29	5886	267·0	271	264	...	29	5894	267·4	270	264	...
400	29	7550	252·5	257	247	...	25	7601	257·0	261	254	...	26	7610	256·9	260	255	...
300	25	9619	238·4	243	230	...	21	9706	243·0	246	239	...	22	9713	242·1	247	238	...
250	24	10871	230·4	236	225	...	18	10974	233·0	238	228	...	18	10984	233·1	238	230	...
200	18	12361	222·8	227	216	...	16	12471	223·9	231	219	...	12	12473	223·9	233	220	...
175	13	13210	218·4	223	211	...	9	13327	219·0	226	213	...	7	13316	217·1	219	215	...
150	12	14209	213·1	222	206	...	9	14310	212·0	220	204	...	7	14321	211·3	216	207	...
125	5	15316	210·6	220	205	...	7	15427	207·0	217	197	...	...	...	...	...	...	...
100	...	...	...	...	...	...	7	16761	201·0	213	190	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	VERAVAL (1014 mb.)						VISAKHAPATNAM (1011 mb.)					
Surface	30	8	296·1	299	292	290·5	31	48	294·0	298	295	292·6
1000	30	130	...	...	...	...	31	142	...	...	...	...
900	30	1049	293·1	299	290	279·9	31	1056	290·8	293	287	283·7
850	30	1538	290·0	294	287	278·4	31	1543	288·5	292	284	279·2
800	30	2053	286·3	291	283	274·9	31	2056	285·8	290	282	274·3
700	30	3167	281·0	285	277	266·5	31	3169	281·7	285	277	268·0
600	30	4422	273·3	279	269	263·3	31	4428	273·7	278	269	263·7
500	30	5855	263·1	268	258	...	31	5869	265·8	269	258	...
400	30	7540	251·4	257	246	...	26	7539	253·5	257	245	...
300	28	9603	237·2	243	230	...	18	9657	240·3	246	232	...
250	26	10849	229·2	236	223	...	12	10927	232·6	240	226	...
200	24	12322	221·0	227	215	...	8	12421	222·1	230	215	...
175	16	13153	215·9	221	208	...	6	13261	218·2	227	212	...
150	12	14127	212·0	216	208	...	5	14233	213·6	224	203	...
125	7	15253	206·2	210	203	...	...	...	...	...	...	...
100	...	...	...	...	...	...	...	...	...	...	...	...
80	...	...	...	...	...	...	...	...	...	...	...	...

Note : — Number of observations refer to those of dynamic height.

Means are not worked out for temperature and dew point for the 1000 mb. surface and for dew point for standard pressure surfaces with temperatures less than 273°A.

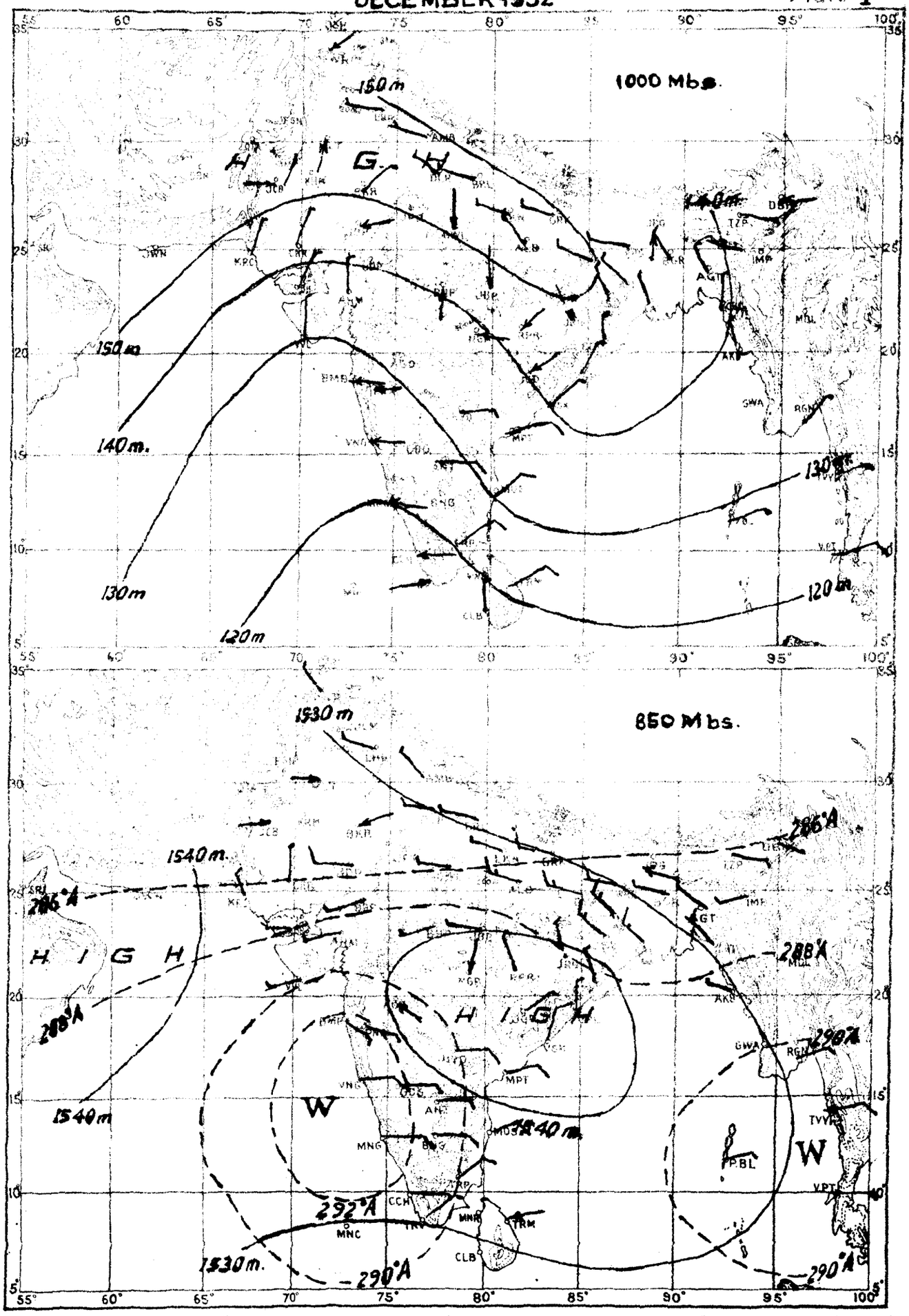
Means are not worked out for less than five observations at standard pressure surfaces.

S.P.L.—S1—110 DDG Ob. Poona—28-7-55—260.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

DECEMBER 1952

Plate I



RESULTANT WIND —\— = 5 Knots, —\— = 10 Knots, —\— = 50 Knots.

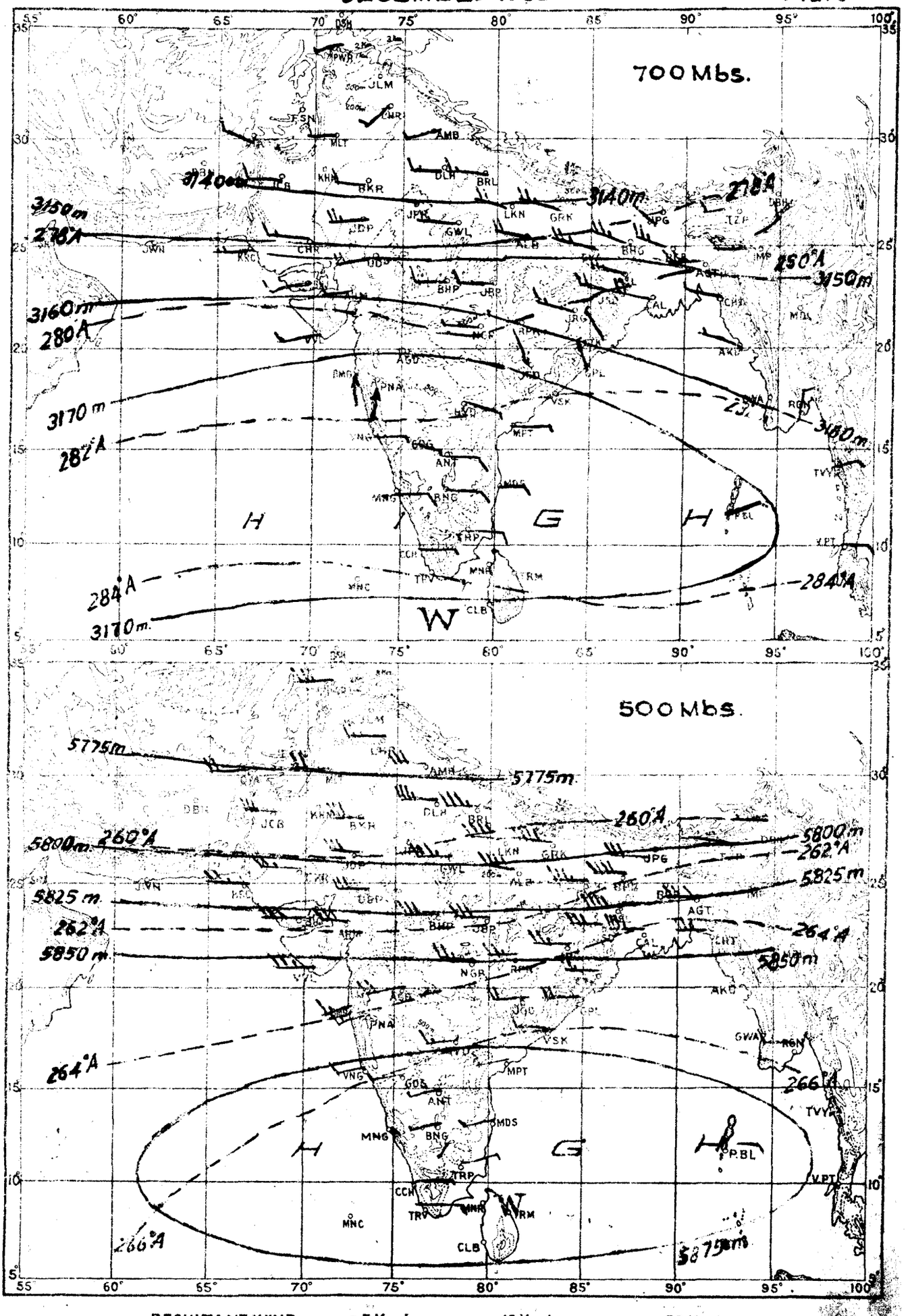
------ Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA,53.

MONTHLY MEAN CONSTANT PRESSURE CHARTS.

DECEMBER 1952

Plate II



RESULTANT WIND —— = 5 Knots; —— = 10 Knots; —— = 50 Knots.

- - - - - Isotherms in degrees absolute. ——— Contours in geopotential metres.

G.PZ.P.POONA 53.

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